

Same Digits Equality Expressions: Power and Plus

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Abstract

This paper brings numbers in such a way that both sides of the expressions are with the same digits. One side is numbers with powers, while other side just with numbers having same digits, such as, $a^b + c^d + \dots = ab + cd + \dots$, etc. The the expressions studied are with positive coefficients. The work is the increasing order of numbers maximum up to 3 digits numbers, i.e., up to 999. Between 10 to 99 there are many numbers are not available. Between 100 to 999, only 104 is not available. This we have written in terms of positive negative coefficients. The rest work is in positive coefficients.

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2.2.648 Number 747	1414
2.2.649 Number 748	1418
2.2.650 Number 749	1424
2.2.651 Number 750	1425
2.2.652 Number 751	1426
2.2.653 Number 752	1427
2.2.654 Number 753	1430
2.2.655 Number 754	1432
2.2.656 Number 755	1436
2.2.657 Number 756	1440
2.2.658 Number 757	1444
2.2.659 Number 758	1448
2.2.660 Number 759	1451
2.2.661 Number 760	1455
2.2.662 Number 761	1456
2.2.663 Number 762	1458
2.2.664 Number 763	1458
2.2.665 Number 764	1460
2.2.666 Number 765	1463
2.2.667 Number 766	1468
2.2.668 Number 767	1471
2.2.669 Number 768	1475
2.2.670 Number 769	1481
2.2.671 Number 770	1482
2.2.672 Number 771	1484
2.2.673 Number 772	1486
2.2.674 Number 773	1487
2.2.675 Number 774	1487
2.2.676 Number 775	1489
2.2.677 Number 776	1493
2.2.678 Number 777	1498
2.2.679 Number 778	1501
2.2.680 Number 779	1505
2.2.681 Number 780	1510
2.2.682 Number 781	1511
2.2.683 Number 782	1512
2.2.684 Number 783	1513
2.2.685 Number 784	1513
2.2.686 Number 785	1514

2.2.687 Number 786	1516
2.2.688 Number 787	1520
2.2.689 Number 788	1523
2.2.690 Number 789	1528
2.2.691 Number 790	1530
2.2.692 Number 791	1531
2.2.693 Number 792	1531
2.2.694 Number 793	1532
2.2.695 Number 794	1533
2.2.696 Number 795	1534
2.2.697 Number 796	1538
2.2.698 Number 797	1542
2.2.699 Number 798	1544
2.2.700 Number 799	1546
2.2.701 Number 800	1549
2.2.702 Number 801	1549
2.2.703 Number 802	1551
2.2.704 Number 803	1551
2.2.705 Number 804	1552
2.2.706 Number 805	1554
2.2.707 Number 806	1556
2.2.708 Number 807	1559
2.2.709 Number 808	1561
2.2.710 Number 809	1564
2.2.711 Number 810	1565
2.2.712 Number 811	1566
2.2.713 Number 812	1566
2.2.714 Number 813	1567
2.2.715 Number 814	1568
2.2.716 Number 815	1569
2.2.717 Number 816	1570
2.2.718 Number 817	1572
2.2.719 Number 818	1574
2.2.720 Number 819	1575
2.2.721 Number 820	1577
2.2.722 Number 821	1578
2.2.723 Number 822	1579
2.2.724 Number 823	1579
2.2.725 Number 824	1580
2.2.726 Number 825	1582
2.2.727 Number 826	1583
2.2.728 Number 827	1586
2.2.729 Number 828	1588
2.2.730 Number 829	1591
2.2.731 Number 830	1591
2.2.732 Number 831	1592
2.2.733 Number 832	1592
2.2.734 Number 833	1593
2.2.735 Number 834	1593

2.2.736 Number 835	1594
2.2.737 Number 836	1596
2.2.738 Number 837	1598
2.2.739 Number 838	1600
2.2.740 Number 839	1601
2.2.741 Number 840	1603
2.2.742 Number 841	1603
2.2.743 Number 842	1604
2.2.744 Number 843	1604
2.2.745 Number 844	1605
2.2.746 Number 845	1607
2.2.747 Number 846	1609
2.2.748 Number 847	1612
2.2.749 Number 848	1613
2.2.750 Number 849	1616
2.2.751 Number 850	1616
2.2.752 Number 851	1617
2.2.753 Number 852	1617
2.2.754 Number 853	1618
2.2.755 Number 854	1618
2.2.756 Number 855	1619
2.2.757 Number 856	1620
2.2.758 Number 857	1623
2.2.759 Number 858	1624
2.2.760 Number 859	1625
2.2.761 Number 860	1626
2.2.762 Number 861	1627
2.2.763 Number 862	1628
2.2.764 Number 863	1628
2.2.765 Number 864	1629
2.2.766 Number 865	1629
2.2.767 Number 866	1630
2.2.768 Number 867	1632
2.2.769 Number 868	1633
2.2.770 Number 869	1635
2.2.771 Number 870	1636
2.2.772 Number 871	1636
2.2.773 Number 872	1636
2.2.774 Number 873	1637
2.2.775 Number 874	1637
2.2.776 Number 875	1638
2.2.777 Number 876	1641
2.2.778 Number 877	1643
2.2.779 Number 878	1645
2.2.780 Number 879	1645
2.2.781 Number 880	1647
2.2.782 Number 881	1647
2.2.783 Number 882	1647
2.2.784 Number 883	1647

2.2.785 Number 884	1648
2.2.786 Number 885	1650
2.2.787 Number 886	1651
2.2.788 Number 887	1653
2.2.789 Number 888	1654
2.2.790 Number 889	1655
2.2.791 Number 890	1655
2.2.792 Number 891	1655
2.2.793 Number 892	1656
2.2.794 Number 893	1657
2.2.795 Number 894	1657
2.2.796 Number 895	1658
2.2.797 Number 896	1660
2.2.798 Number 897	1661
2.2.799 Number 898	1662
2.2.800 Number 899	1663
2.2.801 Number 900	1663
2.2.802 Number 901	1664
2.2.803 Number 902	1665
2.2.804 Number 903	1666
2.2.805 Number 904	1666
2.2.806 Number 905	1668
2.2.807 Number 906	1669
2.2.808 Number 907	1670
2.2.809 Number 908	1671
2.2.810 Number 909	1673
2.2.811 Number 910	1673
2.2.812 Number 911	1674
2.2.813 Number 912	1674
2.2.814 Number 913	1674
2.2.815 Number 914	1675
2.2.816 Number 915	1675
2.2.817 Number 916	1677
2.2.818 Number 917	1679
2.2.819 Number 918	1680
2.2.820 Number 919	1680
2.2.821 Number 920	1681
2.2.822 Number 921	1681
2.2.823 Number 922	1681
2.2.824 Number 923	1682
2.2.825 Number 924	1682
2.2.826 Number 925	1683
2.2.827 Number 926	1684
2.2.828 Number 927	1685
2.2.829 Number 928	1687
2.2.830 Number 929	1688
2.2.831 Number 930	1688
2.2.832 Number 931	1688
2.2.833 Number 932	1688

2.2.834 Number 933	1689
2.2.835 Number 934	1689
2.2.836 Number 935	1690
2.2.837 Number 936	1691
2.2.838 Number 937	1692
2.2.839 Number 938	1693
2.2.840 Number 939	1693
2.2.841 Number 940	1694
2.2.842 Number 941	1694
2.2.843 Number 942	1695
2.2.844 Number 943	1695
2.2.845 Number 944	1695
2.2.846 Number 945	1695
2.2.847 Number 946	1697
2.2.848 Number 947	1698
2.2.849 Number 948	1699
2.2.850 Number 949	1700
2.2.851 Number 950	1700
2.2.852 Number 951	1700
2.2.853 Number 952	1701
2.2.854 Number 953	1701
2.2.855 Number 954	1701
2.2.856 Number 955	1702
2.2.857 Number 956	1703
2.2.858 Number 957	1704
2.2.859 Number 958	1705
2.2.860 Number 959	1705
2.2.861 Number 960	1706
2.2.862 Number 961	1706
2.2.863 Number 962	1707
2.2.864 Number 963	1707
2.2.865 Number 964	1707
2.2.866 Number 965	1708
2.2.867 Number 966	1709
2.2.868 Number 967	1711
2.2.869 Number 968	1712
2.2.870 Number 969	1712
2.2.871 Number 970	1713
2.2.872 Number 971	1713
2.2.873 Number 972	1714
2.2.874 Number 973	1714
2.2.875 Number 974	1714
2.2.876 Number 975	1714
2.2.877 Number 976	1715
2.2.878 Number 977	1716
2.2.879 Number 978	1717
2.2.880 Number 979	1717
2.2.881 Number 980	1718
2.2.882 Number 981	1718

2.2.883 Number 982	1718
2.2.884 Number 983	1719
2.2.885 Number 984	1719
2.2.886 Number 985	1719
2.2.887 Number 986	1720
2.2.888 Number 987	1721
2.2.889 Number 988	1722
2.2.890 Number 989	1724
2.2.891 Number 990	1724
2.2.892 Number 991	1724
2.2.893 Number 992	1724
2.2.894 Number 993	1724
2.2.895 Number 994	1725
2.2.896 Number 995	1725
2.2.897 Number 996	1726
2.2.898 Number 997	1727
2.2.899 Number 998	1728
2.2.900 Number 999	1728

1 Introduction

Let's consider the expressions where there are same digits on both sides, are written in terms of power and plus as given by

$$a^b + c^d + \dots = ab + cd + \dots, \forall a, b, c, d, \dots \in \mathbb{N}. \tag{1}$$

Based of above idea the author wrote different works [3, 4, 6]. See below some examples:

$$\begin{aligned}
 \mathbf{81} &:= 2^3 + 2^6 + 3^2 &:= 23 + 26 + 32 \\
 \mathbf{99} &:= 2^3 + 3^3 + 4^3 &:= 23 + 33 + 43 \\
 \mathbf{121} &:= 2^3 + 2^6 + 7^2 &:= 23 + 26 + 72 \\
 \mathbf{170} &:= 2^6 + 5^2 + 9^2 &:= 26 + 52 + 92 \\
 \mathbf{246} &:= 2^2 + 11^2 + 11^2 &:= 22 + 112 + 112 \\
 &:= 5^2 + 5^2 + 14^2 &:= 52 + 52 + 142 \\
 \mathbf{266} &:= 4^2 + 9^2 + 13^2 &:= 42 + 92 + 132 \\
 \mathbf{286} &:= 6^2 + 9^2 + 13^2 &:= 62 + 92 + 132 \\
 \mathbf{306} &:= 8^2 + 11^2 + 11^2 &:= 82 + 112 + 112 \\
 &:= 9^2 + 9^2 + 12^2 &:= 92 + 92 + 122
 \end{aligned}$$

In some works idea of negative sign is also considered. This work is concentrated only on positive signs. According to (1), the same number can have many representations. In this work the multiple representations are written in increasing order of numbers starting from two digits to three digits, i.e. from 10 to 999. In case of two digits there are many numbers don't have their representations. In case three digits, we have multiple representations of all the numbers, except the case of number 104. This we have written using negative sign too.

For author's summary work refer [5, 7].

2 Power-Plus Equality Expressions

2.1 2-Digits Equality Expressions

2.1.1 Number 65

$$65 := 1^5 + 2^5 + 2^5 = 15 + 25 + 25$$

2.1.2 Number 66

$$66 := 1^0 + 1^3 + 4^3 = 10 + 13 + 43$$

$$66 := 1^0 + 2^6 + 3^0 = 10 + 26 + 30$$

$$66 := 1^1 + 1^2 + 4^3 = 11 + 12 + 43$$

$$66 := 2^0 + 2^0 + 2^6 = 20 + 20 + 26$$

2.1.3 Number 67

$$67 := 2^0 + 2^1 + 2^6 = 20 + 21 + 26$$

$$67 := 1^0 + 1^1 + 2^0 + 2^6 = 10 + 11 + 20 + 26$$

$$67 := 1^0 + 1^2 + 1^9 + 2^6 = 10 + 12 + 19 + 26$$

$$67 := 1^0 + 1^3 + 1^8 + 2^6 = 10 + 13 + 18 + 26$$

$$67 := 1^0 + 1^4 + 1^7 + 2^6 = 10 + 14 + 17 + 26$$

$$67 := 1^0 + 1^5 + 1^6 + 2^6 = 10 + 15 + 16 + 26$$

$$67 := 1^1 + 1^1 + 1^9 + 2^6 = 11 + 11 + 19 + 26$$

$$67 := 1^1 + 1^2 + 1^8 + 2^6 = 11 + 12 + 18 + 26$$

$$67 := 1^1 + 1^3 + 1^7 + 2^6 = 11 + 13 + 17 + 26$$

$$67 := 1^1 + 1^4 + 1^6 + 2^6 = 11 + 14 + 16 + 26$$

$$67 := 1^1 + 1^5 + 1^5 + 2^6 = 11 + 15 + 15 + 26$$

$$67 := 1^2 + 1^2 + 1^7 + 2^6 = 12 + 12 + 17 + 26$$

$$67 := 1^2 + 1^3 + 1^6 + 2^6 = 12 + 13 + 16 + 26$$

$$67 := 1^2 + 1^4 + 1^5 + 2^6 = 12 + 14 + 15 + 26$$

$$67 := 1^3 + 1^3 + 1^5 + 2^6 = 13 + 13 + 15 + 26$$

$$67 := 1^3 + 1^4 + 1^4 + 2^6 = 13 + 14 + 14 + 26$$

2.1.4 Number 68

$$68 := 1^1 + 2^6 + 3^1 = 11 + 26 + 31$$

$$68 := 2^1 + 2^1 + 2^6 = 21 + 21 + 26$$

$$68 := 1^0 + 1^1 + 2^1 + 2^6 = 10 + 11 + 21 + 26$$

$$68 := 1^0 + 1^0 + 1^0 + 1^2 + 2^6 = 10 + 10 + 10 + 12 + 26$$

$$68 := 1^0 + 1^0 + 1^1 + 1^1 + 2^6 = 10 + 10 + 11 + 11 + 26$$

2.1.5 Number 70

$$70 := 1^0 + 1^2 + 2^2 + 2^6 = 10 + 12 + 22 + 26$$

$$70 := 1^1 + 1^1 + 2^2 + 2^6 = 11 + 11 + 22 + 26$$

2.1.6 Number 74

$$74 := 1^6 + 2^6 + 3^2 = 16 + 26 + 32$$

$$74 := 1^0 + 1^5 + 2^3 + 2^6 = 10 + 15 + 23 + 26$$

$$74 := 1^1 + 1^4 + 2^3 + 2^6 = 11 + 14 + 23 + 26$$

$$74 := 1^2 + 1^3 + 2^3 + 2^6 = 12 + 13 + 23 + 26$$

2.1.7 Number 81

$$81 := 1^3 + 2^6 + 4^2 = 13 + 26 + 42$$

$$81 := 1^4 + 2^4 + 4^3 = 14 + 24 + 43$$

$$81 := 2^3 + 2^6 + 3^2 = 23 + 26 + 32$$

2.1.8 Number 82

$$82 := 1^2 + 2^0 + 2^4 + 2^6 = 12 + 20 + 24 + 26$$

$$82 := 1^3 + 1^9 + 2^4 + 2^6 = 13 + 19 + 24 + 26$$

$$82 := 1^4 + 1^8 + 2^4 + 2^6 = 14 + 18 + 24 + 26$$

$$82 := 1^5 + 1^7 + 2^4 + 2^6 = 15 + 17 + 24 + 26$$

$$82 := 1^6 + 1^6 + 2^4 + 2^6 = 16 + 16 + 24 + 26$$

2.1.9 Number 83

$$83 := 1^9 + 3^0 + 3^4 = 19 + 30 + 34$$

$$83 := 1^2 + 2^1 + 2^4 + 2^6 = 12 + 21 + 24 + 26$$

$$83 := 1^0 + 1^0 + 1^3 + 2^4 + 2^6 = 10 + 10 + 13 + 24 + 26$$

$$83 := 1^0 + 1^1 + 1^2 + 2^4 + 2^6 = 10 + 11 + 12 + 24 + 26$$

$$83 := 1^1 + 1^1 + 1^1 + 2^4 + 2^6 = 11 + 11 + 11 + 24 + 26$$

2.1.10 Number 84

$$84 := 1^0 + 1^0 + 3^0 + 3^4 = 10 + 10 + 30 + 34$$

$$84 := 1^0 + 2^0 + 2^0 + 3^4 = 10 + 20 + 20 + 34$$

$$84 := 1^1 + 1^9 + 2^0 + 3^4 = 11 + 19 + 20 + 34$$

$$84 := 1^2 + 1^8 + 2^0 + 3^4 = 12 + 18 + 20 + 34$$

$$84 := 1^2 + 1^9 + 1^9 + 3^4 = 12 + 19 + 19 + 34$$

$$84 := 1^3 + 1^7 + 2^0 + 3^4 = 13 + 17 + 20 + 34$$

$$84 := 1^3 + 1^8 + 1^9 + 3^4 = 13 + 18 + 19 + 34$$

$$84 := 1^4 + 1^6 + 2^0 + 3^4 = 14 + 16 + 20 + 34$$

$$84 := 1^4 + 1^7 + 1^9 + 3^4 = 14 + 17 + 19 + 34$$

$$84 := 1^4 + 1^8 + 1^8 + 3^4 = 14 + 18 + 18 + 34$$

$$84 := 1^5 + 1^5 + 2^0 + 3^4 = 15 + 15 + 20 + 34$$

$$84 := 1^5 + 1^6 + 1^9 + 3^4 = 15 + 16 + 19 + 34$$

$$84 := 1^5 + 1^7 + 1^8 + 3^4 = 15 + 17 + 18 + 34$$

$$84 := 1^6 + 1^6 + 1^8 + 3^4 = 16 + 16 + 18 + 34$$

$$84 := 1^6 + 1^7 + 1^7 + 3^4 = 16 + 17 + 17 + 34$$

2.1.11 Number 85

$$85 := 2^0 + 3^1 + 3^4 = 20 + 31 + 34$$

$$85 := 1^0 + 2^0 + 2^1 + 3^4 = 10 + 20 + 21 + 34$$

$$85 := 1^1 + 1^9 + 2^1 + 3^4 = 11 + 19 + 21 + 34$$

$$85 := 1^2 + 1^8 + 2^1 + 3^4 = 12 + 18 + 21 + 34$$

$$85 := 1^3 + 1^7 + 2^1 + 3^4 = 13 + 17 + 21 + 34$$

$$85 := 1^3 + 2^2 + 2^4 + 2^6 = 13 + 22 + 24 + 26$$

$$85 := 1^4 + 1^6 + 2^1 + 3^4 = 14 + 16 + 21 + 34$$

$$85 := 1^5 + 1^5 + 2^1 + 3^4 = 15 + 15 + 21 + 34$$

$$85 := 1^0 + 1^0 + 1^1 + 2^0 + 3^4 = 10 + 10 + 11 + 20 + 34$$

$$85 := 1^0 + 1^0 + 1^2 + 1^9 + 3^4 = 10 + 10 + 12 + 19 + 34$$

$$85 := 1^0 + 1^0 + 1^3 + 1^8 + 3^4 = 10 + 10 + 13 + 18 + 34$$

$$85 := 1^0 + 1^0 + 1^4 + 1^7 + 3^4 = 10 + 10 + 14 + 17 + 34$$

$$85 := 1^0 + 1^0 + 1^5 + 1^6 + 3^4 = 10 + 10 + 15 + 16 + 34$$

$$85 := 1^0 + 1^1 + 1^1 + 1^9 + 3^4 = 10 + 11 + 11 + 19 + 34$$

$$85 := 1^0 + 1^1 + 1^2 + 1^8 + 3^4 = 10 + 11 + 12 + 18 + 34$$

$$85 := 1^0 + 1^1 + 1^3 + 1^7 + 3^4 = 10 + 11 + 13 + 17 + 34$$

$$85 := 1^0 + 1^1 + 1^4 + 1^6 + 3^4 = 10 + 11 + 14 + 16 + 34$$

$$85 := 1^0 + 1^1 + 1^5 + 1^5 + 3^4 = 10 + 11 + 15 + 15 + 34$$

$$85 := 1^0 + 1^2 + 1^2 + 1^7 + 3^4 = 10 + 12 + 12 + 17 + 34$$

$$85 := 1^0 + 1^2 + 1^3 + 1^6 + 3^4 = 10 + 12 + 13 + 16 + 34$$

$$85 := 1^0 + 1^2 + 1^4 + 1^5 + 3^4 = 10 + 12 + 14 + 15 + 34$$

$$85 := 1^0 + 1^3 + 1^3 + 1^5 + 3^4 = 10 + 13 + 13 + 15 + 34$$

$$85 := 1^0 + 1^3 + 1^4 + 1^4 + 3^4 = 10 + 13 + 14 + 14 + 34$$

$$85 := 1^1 + 1^1 + 1^1 + 1^8 + 3^4 = 11 + 11 + 11 + 18 + 34$$

$$\begin{aligned}85 &:= 1^1 + 1^1 + 1^2 + 1^7 + 3^4 = 11 + 11 + 12 + 17 + 34 \\85 &:= 1^1 + 1^1 + 1^3 + 1^6 + 3^4 = 11 + 11 + 13 + 16 + 34 \\85 &:= 1^1 + 1^1 + 1^4 + 1^5 + 3^4 = 11 + 11 + 14 + 15 + 34 \\85 &:= 1^1 + 1^2 + 1^2 + 1^6 + 3^4 = 11 + 12 + 12 + 16 + 34 \\85 &:= 1^1 + 1^2 + 1^3 + 1^5 + 3^4 = 11 + 12 + 13 + 15 + 34 \\85 &:= 1^1 + 1^2 + 1^4 + 1^4 + 3^4 = 11 + 12 + 14 + 14 + 34\end{aligned}$$

$$\begin{aligned}85 &:= 1^1 + 1^3 + 1^3 + 1^4 + 3^4 = 11 + 13 + 13 + 14 + 34 \\85 &:= 1^2 + 1^2 + 1^2 + 1^5 + 3^4 = 12 + 12 + 12 + 15 + 34 \\85 &:= 1^2 + 1^2 + 1^3 + 1^4 + 3^4 = 12 + 12 + 13 + 14 + 34 \\85 &:= 1^2 + 1^3 + 1^3 + 1^3 + 3^4 = 12 + 13 + 13 + 13 + 34\end{aligned}$$

2.1.12 Number 86

$$\begin{aligned}86 &:= 1^1 + 3^4 + 4^1 = 11 + 34 + 41 \\86 &:= 2^1 + 3^1 + 3^4 = 21 + 31 + 34 \\86 &:= 2^2 + 3^0 + 3^4 = 22 + 30 + 34 \\86 &:= 1^0 + 1^1 + 3^1 + 3^4 = 10 + 11 + 31 + 34\end{aligned}$$

$$\begin{aligned}86 &:= 1^0 + 2^1 + 2^1 + 3^4 = 10 + 21 + 21 + 34 \\86 &:= 1^0 + 1^0 + 1^1 + 2^1 + 3^4 = 10 + 10 + 11 + 21 + 34\end{aligned}$$

2.1.13 Number 87

$$\begin{aligned}87 &:= 1^1 + 2^0 + 2^2 + 3^4 = 11 + 20 + 22 + 34 \\87 &:= 1^2 + 1^9 + 2^2 + 3^4 = 12 + 19 + 22 + 34 \\87 &:= 1^3 + 1^8 + 2^2 + 3^4 = 13 + 18 + 22 + 34\end{aligned}$$

$$\begin{aligned}87 &:= 1^4 + 1^7 + 2^2 + 3^4 = 14 + 17 + 22 + 34 \\87 &:= 1^5 + 1^6 + 2^2 + 3^4 = 15 + 16 + 22 + 34\end{aligned}$$

2.1.14 Number 88

$$\begin{aligned}88 &:= 1^1 + 2^1 + 2^2 + 3^4 = 11 + 21 + 22 + 34 \\88 &:= 1^0 + 1^0 + 1^2 + 2^2 + 3^4 = 10 + 10 + 12 + 22 + 34\end{aligned}$$

$$88 := 1^0 + 1^1 + 1^1 + 2^2 + 3^4 = 10 + 11 + 11 + 22 + 34$$

2.1.15 Number 89

$$89 := 1^6 + 2^3 + 2^4 + 2^6 = 16 + 23 + 24 + 26$$

2.1.16 Number 90

$$\begin{aligned}90 &:= 1^2 + 2^6 + 5^2 = 12 + 26 + 52 \\90 &:= 1^2 + 2^2 + 2^2 + 3^4 = 12 + 22 + 22 + 34\end{aligned}$$

2.1.17 Number 91

$$\begin{aligned}91 &:= 1^4 + 2^0 + 2^3 + 3^4 = 14 + 20 + 23 + 34 \\91 &:= 1^5 + 1^9 + 2^3 + 3^4 = 15 + 19 + 23 + 34 \\91 &:= 1^6 + 1^8 + 2^3 + 3^4 = 16 + 18 + 23 + 34\end{aligned}$$

$$91 := 1^7 + 1^7 + 2^3 + 3^4 = 17 + 17 + 23 + 34$$

2.1.18 Number 92

$$\begin{aligned}92 &:= 1^6 + 3^3 + 4^3 &= 16 + 33 + 43 \\92 &:= 1^0 + 1^6 + 3^2 + 3^4 &= 10 + 16 + 32 + 34 \\92 &:= 1^1 + 1^5 + 3^2 + 3^4 &= 11 + 15 + 32 + 34 \\92 &:= 1^2 + 1^4 + 3^2 + 3^4 &= 12 + 14 + 32 + 34 \\92 &:= 1^3 + 1^3 + 3^2 + 3^4 &= 13 + 13 + 32 + 34 \\92 &:= 1^4 + 2^1 + 2^3 + 3^4 &= 14 + 21 + 23 + 34\end{aligned}$$

$$\begin{aligned}92 &:= 1^0 + 1^0 + 1^5 + 2^3 + 3^4 = 10 + 10 + 15 + 23 + 34 \\92 &:= 1^0 + 1^1 + 1^4 + 2^3 + 3^4 = 10 + 11 + 14 + 23 + 34 \\92 &:= 1^0 + 1^2 + 1^3 + 2^3 + 3^4 = 10 + 12 + 13 + 23 + 34 \\92 &:= 1^1 + 1^1 + 1^3 + 2^3 + 3^4 = 11 + 11 + 13 + 23 + 34 \\92 &:= 1^1 + 1^2 + 1^2 + 2^3 + 3^4 = 11 + 12 + 12 + 23 + 34\end{aligned}$$

2.1.19 Number 93

$$\begin{aligned}93 &:= 1^4 + 2^0 + 2^6 + 3^3 = 14 + 20 + 26 + 33 \\93 &:= 1^5 + 1^9 + 2^6 + 3^3 = 15 + 19 + 26 + 33 \\93 &:= 1^6 + 1^8 + 2^6 + 3^3 = 16 + 18 + 26 + 33\end{aligned}$$

$$93 := 1^7 + 1^7 + 2^6 + 3^3 = 17 + 17 + 26 + 33$$

2.1.20 Number 94

$$\begin{aligned}94 &:= 1^4 + 2^1 + 2^6 + 3^3 &= 14 + 21 + 26 + 33 \\94 &:= 1^5 + 2^2 + 2^3 + 3^4 &= 15 + 22 + 23 + 34 \\94 &:= 1^0 + 1^0 + 1^5 + 2^6 + 3^3 = 10 + 10 + 15 + 26 + 33 \\94 &:= 1^0 + 1^1 + 1^4 + 2^6 + 3^3 = 10 + 11 + 14 + 26 + 33\end{aligned}$$

$$\begin{aligned}94 &:= 1^0 + 1^2 + 1^3 + 2^6 + 3^3 = 10 + 12 + 13 + 26 + 33 \\94 &:= 1^1 + 1^1 + 1^3 + 2^6 + 3^3 = 11 + 11 + 13 + 26 + 33 \\94 &:= 1^1 + 1^2 + 1^2 + 2^6 + 3^3 = 11 + 12 + 12 + 26 + 33\end{aligned}$$

2.1.21 Number 96

$$\begin{aligned}96 &:= 1^5 + 2^2 + 2^6 + 3^3 = 15 + 22 + 26 + 33 \\96 &:= 2^3 + 2^3 + 2^4 + 2^6 = 23 + 23 + 24 + 26\end{aligned}$$

2.1.22 Number 98

$$\begin{aligned}98 &:= 2^4 + 3^4 + 4^0 &= 24 + 34 + 40 \\98 &:= 1^0 + 2^0 + 2^5 + 4^3 &= 10 + 20 + 25 + 43 \\98 &:= 1^1 + 1^9 + 2^5 + 4^3 &= 11 + 19 + 25 + 43 \\98 &:= 1^2 + 1^8 + 2^5 + 4^3 &= 12 + 18 + 25 + 43 \\98 &:= 1^3 + 1^7 + 2^5 + 4^3 &= 13 + 17 + 25 + 43 \\98 &:= 1^4 + 1^6 + 2^5 + 4^3 &= 14 + 16 + 25 + 43 \\98 &:= 1^5 + 1^5 + 2^5 + 4^3 &= 15 + 15 + 25 + 43 \\98 &:= 1^7 + 2^5 + 2^6 + 3^0 &= 17 + 25 + 26 + 30\end{aligned}$$

$$\begin{aligned}98 &:= 1^8 + 2^3 + 2^3 + 3^4 &= 18 + 23 + 23 + 34 \\98 &:= 1^0 + 1^3 + 2^5 + 2^5 + 2^5 = 10 + 13 + 25 + 25 + 25 \\98 &:= 1^0 + 1^4 + 2^4 + 2^4 + 2^6 = 10 + 14 + 24 + 24 + 26 \\98 &:= 1^1 + 1^2 + 2^5 + 2^5 + 2^5 = 11 + 12 + 25 + 25 + 25 \\98 &:= 1^1 + 1^3 + 2^4 + 2^4 + 2^6 = 11 + 13 + 24 + 24 + 26 \\98 &:= 1^2 + 1^2 + 2^4 + 2^4 + 2^6 = 12 + 12 + 24 + 24 + 26\end{aligned}$$

2.1.23 Number 99

$$\begin{aligned}99 &:= 2^3 + 3^3 + 4^3 &= 23 + 33 + 43 \\99 &:= 2^5 + 3^1 + 4^3 &= 25 + 31 + 43 \\99 &:= 1^0 + 1^3 + 3^4 + 4^2 &= 10 + 13 + 34 + 42\end{aligned}$$

$$\begin{aligned}99 &:= 1^0 + 2^1 + 2^5 + 4^3 &= 10 + 21 + 25 + 43 \\99 &:= 1^0 + 2^3 + 3^2 + 3^4 &= 10 + 23 + 32 + 34 \\99 &:= 1^1 + 1^2 + 3^4 + 4^2 &= 11 + 12 + 34 + 42\end{aligned}$$

$$\begin{aligned}
 99 &:= 1^1 + 2^4 + 3^0 + 3^4 = 11 + 24 + 30 + 34 \\
 99 &:= 1^0 + 1^0 + 1^1 + 2^5 + 4^3 = 10 + 10 + 11 + 25 + 43 \\
 99 &:= 1^0 + 1^8 + 2^0 + 2^5 + 2^6 = 10 + 18 + 20 + 25 + 26 \\
 99 &:= 1^0 + 1^9 + 1^9 + 2^5 + 2^6 = 10 + 19 + 19 + 25 + 26 \\
 99 &:= 1^1 + 1^7 + 2^0 + 2^5 + 2^6 = 11 + 17 + 20 + 25 + 26 \\
 99 &:= 1^1 + 1^8 + 1^9 + 2^5 + 2^6 = 11 + 18 + 19 + 25 + 26 \\
 99 &:= 1^2 + 1^6 + 2^0 + 2^5 + 2^6 = 12 + 16 + 20 + 25 + 26 \\
 99 &:= 1^2 + 1^7 + 1^9 + 2^5 + 2^6 = 12 + 17 + 19 + 25 + 26 \\
 99 &:= 1^2 + 1^8 + 1^8 + 2^5 + 2^6 = 12 + 18 + 18 + 25 + 26 \\
 99 &:= 1^3 + 1^5 + 2^0 + 2^5 + 2^6 = 13 + 15 + 20 + 25 + 26
 \end{aligned}$$

$$\begin{aligned}
 99 &:= 1^3 + 1^6 + 1^9 + 2^5 + 2^6 = 13 + 16 + 19 + 25 + 26 \\
 99 &:= 1^3 + 1^7 + 1^8 + 2^5 + 2^6 = 13 + 17 + 18 + 25 + 26 \\
 99 &:= 1^4 + 1^4 + 2^0 + 2^5 + 2^6 = 14 + 14 + 20 + 25 + 26 \\
 99 &:= 1^4 + 1^5 + 1^9 + 2^5 + 2^6 = 14 + 15 + 19 + 25 + 26 \\
 99 &:= 1^4 + 1^6 + 1^8 + 2^5 + 2^6 = 14 + 16 + 18 + 25 + 26 \\
 99 &:= 1^4 + 1^7 + 1^7 + 2^5 + 2^6 = 14 + 17 + 17 + 25 + 26 \\
 99 &:= 1^5 + 1^5 + 1^8 + 2^5 + 2^6 = 15 + 15 + 18 + 25 + 26 \\
 99 &:= 1^5 + 1^6 + 1^7 + 2^5 + 2^6 = 15 + 16 + 17 + 25 + 26 \\
 99 &:= 1^6 + 1^6 + 1^6 + 2^5 + 2^6 = 16 + 16 + 16 + 25 + 26
 \end{aligned}$$

2.2 Three Digits Equality Expressions

2.2.1 Number 100

$$\begin{aligned}
 100 &:= 1^8 + 2^3 + 2^6 + 3^3 = 18 + 23 + 26 + 33 \\
 100 &:= 1^8 + 2^5 + 2^6 + 3^1 = 18 + 25 + 26 + 31 \\
 100 &:= 1^0 + 1^2 + 2^0 + 2^4 + 3^4 = 10 + 12 + 20 + 24 + 34 \\
 100 &:= 1^0 + 1^3 + 1^9 + 2^4 + 3^4 = 10 + 13 + 19 + 24 + 34 \\
 100 &:= 1^0 + 1^4 + 1^8 + 2^4 + 3^4 = 10 + 14 + 18 + 24 + 34 \\
 100 &:= 1^0 + 1^5 + 1^7 + 2^4 + 3^4 = 10 + 15 + 17 + 24 + 34 \\
 100 &:= 1^0 + 1^6 + 1^6 + 2^4 + 3^4 = 10 + 16 + 16 + 24 + 34 \\
 100 &:= 1^0 + 1^8 + 2^1 + 2^5 + 2^6 = 10 + 18 + 21 + 25 + 26 \\
 100 &:= 1^1 + 1^1 + 2^0 + 2^4 + 3^4 = 11 + 11 + 20 + 24 + 34 \\
 100 &:= 1^1 + 1^2 + 1^9 + 2^4 + 3^4 = 11 + 12 + 19 + 24 + 34 \\
 100 &:= 1^1 + 1^3 + 1^8 + 2^4 + 3^4 = 11 + 13 + 18 + 24 + 34 \\
 100 &:= 1^1 + 1^4 + 1^7 + 2^4 + 3^4 = 11 + 14 + 17 + 24 + 34 \\
 100 &:= 1^1 + 1^5 + 1^6 + 2^4 + 3^4 = 11 + 15 + 16 + 24 + 34
 \end{aligned}$$

$$\begin{aligned}
 100 &:= 1^1 + 1^7 + 2^1 + 2^5 + 2^6 = 11 + 17 + 21 + 25 + 26 \\
 100 &:= 1^2 + 1^2 + 1^8 + 2^4 + 3^4 = 12 + 12 + 18 + 24 + 34 \\
 100 &:= 1^2 + 1^3 + 1^7 + 2^4 + 3^4 = 12 + 13 + 17 + 24 + 34 \\
 100 &:= 1^2 + 1^4 + 1^6 + 2^4 + 3^4 = 12 + 14 + 16 + 24 + 34 \\
 100 &:= 1^2 + 1^5 + 1^5 + 2^4 + 3^4 = 12 + 15 + 15 + 24 + 34 \\
 100 &:= 1^2 + 1^6 + 2^1 + 2^5 + 2^6 = 12 + 16 + 21 + 25 + 26 \\
 100 &:= 1^3 + 1^3 + 1^6 + 2^4 + 3^4 = 13 + 13 + 16 + 24 + 34 \\
 100 &:= 1^3 + 1^4 + 1^5 + 2^4 + 3^4 = 13 + 14 + 15 + 24 + 34 \\
 100 &:= 1^3 + 1^5 + 2^1 + 2^5 + 2^6 = 13 + 15 + 21 + 25 + 26 \\
 100 &:= 1^4 + 1^4 + 1^4 + 2^4 + 3^4 = 14 + 14 + 14 + 24 + 34 \\
 100 &:= 1^4 + 1^4 + 2^1 + 2^5 + 2^6 = 14 + 14 + 21 + 25 + 26
 \end{aligned}$$

2.2.2 Number 101

$$\begin{aligned}
 101 &:= 1^3 + 2^6 + 6^2 = 13 + 26 + 62 \\
 101 &:= 1^0 + 2^6 + 3^2 + 3^3 = 10 + 26 + 32 + 33 \\
 101 &:= 1^1 + 2^2 + 2^5 + 4^3 = 11 + 22 + 25 + 43 \\
 101 &:= 1^2 + 2^4 + 3^1 + 3^4 = 12 + 24 + 31 + 34
 \end{aligned}$$

$$\begin{aligned}
 101 &:= 1^0 + 1^2 + 2^1 + 2^4 + 3^4 = 10 + 12 + 21 + 24 + 34 \\
 101 &:= 1^1 + 1^1 + 2^1 + 2^4 + 3^4 = 11 + 11 + 21 + 24 + 34
 \end{aligned}$$

2.2.3 Number 102

$$\begin{aligned}
 102 &:= 1^0 + 1^9 + 2^2 + 2^5 + 2^6 = 10 + 19 + 22 + 25 + 26 \\
 102 &:= 1^1 + 1^8 + 2^2 + 2^5 + 2^6 = 11 + 18 + 22 + 25 + 26 \\
 102 &:= 1^2 + 1^7 + 2^2 + 2^5 + 2^6 = 12 + 17 + 22 + 25 + 26
 \end{aligned}$$

$$\begin{aligned}
 102 &:= 1^3 + 1^6 + 2^2 + 2^5 + 2^6 = 13 + 16 + 22 + 25 + 26 \\
 102 &:= 1^4 + 1^5 + 2^2 + 2^5 + 2^6 = 14 + 15 + 22 + 25 + 26
 \end{aligned}$$

2.2.4 Number 103

$$103 := 1^0 + 1^3 + 2^2 + 2^4 + 3^4 = 10 + 13 + 22 + 24 + 34$$

$$103 := 1^1 + 1^2 + 2^2 + 2^4 + 3^4 = 11 + 12 + 22 + 24 + 34$$

2.2.5 Number 104

In this case we don't have results with positive sign. Below are results with positive and negative sign.

$104 := 1^3 - 95^0 + 104^1$	$= 13 - 950 + 1041$	$104 := 1^9 - 2^1 - 2^6 + 13^2$	$= 19 - 21 - 26 + 132$
$104 := -1^7 - 94^0 + 106^1$	$= -17 - 940 + 1061$	$104 := -1^9 - 4^0 + 6^1 + 10^2$	$= -19 - 40 + 61 + 102$
$104 := 2^3 - 89^0 + 97^1$	$= 23 - 890 + 971$	$104 := 2^0 + 2^2 - 4^0 + 10^2$	$= 20 + 22 - 40 + 102$
$104 := 2^6 - 3^4 + 11^2$	$= 26 - 34 + 112$	$104 := -2^0 - 2^0 + 5^2 + 9^2$	$= -20 - 20 + 52 + 92$
$104 := -2^8 - 6^0 + 19^2$	$= -28 - 60 + 192$	$104 := 2^1 + 3^1 - 5^0 + 10^2$	$= 21 + 31 - 50 + 102$
$104 := 3^3 - 71^0 + 78^1$	$= 33 - 710 + 781$	$104 := 2^1 + 3^3 - 5^2 + 10^2$	$= 21 + 33 - 52 + 102$
$104 := 3^5 - 140^1 + 147^0$	$= 35 - 1401 + 1470$	$104 := -2^1 + 3^4 - 17^0 + 26^1$	$= -21 + 34 - 170 + 261$
$104 := 4^3 - 35^0 + 41^1$	$= 43 - 350 + 411$	$104 := 2^1 + 9^2 + 22^1 - 23^0$	$= 21 + 92 + 221 - 230$
$104 := 1^0 + 2^2 - 3^0 + 10^2$	$= 10 + 22 - 30 + 102$	$104 := 2^2 + 10^0 + 10^2 - 12^0$	$= 22 + 100 + 102 - 120$
$104 := -1^0 - 3^0 + 5^2 + 9^2$	$= -10 - 30 + 52 + 92$	$104 := 2^2 + 10^2 + 11^0 - 13^0$	$= 22 + 102 + 110 - 130$
$104 := -1^1 + 3^4 - 17^0 + 25^1$	$= -11 + 34 - 170 + 251$	$104 := 2^2 + 10^2 + 12^0 - 14^0$	$= 22 + 102 + 120 - 140$
$104 := 1^1 + 4^1 - 5^0 + 10^2$	$= 11 + 41 - 50 + 102$	$104 := 2^2 + 10^2 + 13^0 - 15^0$	$= 22 + 102 + 130 - 150$
$104 := 1^1 + 9^2 - 23^0 + 23^1$	$= 11 + 92 - 230 + 231$	$104 := 2^2 + 10^2 + 14^0 - 16^0$	$= 22 + 102 + 140 - 160$
$104 := 1^2 + 5^3 - 23^1 + 27^0$	$= 12 + 53 - 231 + 270$	$104 := 2^2 + 10^2 + 15^0 - 17^0$	$= 22 + 102 + 150 - 170$
$104 := 1^2 + 8^2 - 19^2 + 20^2$	$= 12 + 82 - 192 + 202$	$104 := 2^2 + 10^2 + 16^0 - 18^0$	$= 22 + 102 + 160 - 180$
$104 := 1^2 - 5^4 + 6^3 + 8^3$	$= 12 - 54 + 63 + 83$	$104 := 2^2 + 10^2 + 17^0 - 19^0$	$= 22 + 102 + 170 - 190$
$104 := 1^3 + 11^2 + 17^0 - 19^1$	$= 13 + 112 + 170 - 191$	$104 := 2^2 + 10^2 + 18^0 - 20^0$	$= 22 + 102 + 180 - 200$
$104 := 1^3 + 7^1 - 23^2 + 25^2$	$= 13 + 71 - 232 + 252$	$104 := 2^2 + 10^2 + 19^0 - 21^0$	$= 22 + 102 + 190 - 210$
$104 := -1^5 + 2^4 + 4^3 + 5^2$	$= -15 + 24 + 43 + 52$	$104 := 2^2 + 10^2 + 20^0 - 22^0$	$= 22 + 102 + 200 - 220$
$104 := -1^5 - 5^4 + 8^0 + 9^3$	$= -15 - 54 + 80 + 93$	$104 := 2^2 + 10^2 + 21^0 - 23^0$	$= 22 + 102 + 210 - 230$
$104 := -1^6 + 10^0 - 25^2 + 27^2$	$= -16 + 100 - 252 + 272$	$104 := 2^2 + 10^2 + 22^0 - 24^0$	$= 22 + 102 + 220 - 240$
$104 := -1^6 + 2^6 + 4^2 + 5^2$	$= -16 + 26 + 42 + 52$	$104 := 2^2 + 10^2 + 23^0 - 25^0$	$= 22 + 102 + 230 - 250$
$104 := -1^6 + 8^0 - 11^2 + 15^2$	$= -16 + 80 - 112 + 152$	$104 := 2^2 + 10^2 + 24^0 - 26^0$	$= 22 + 102 + 240 - 260$
$104 := 1^6 - 5^4 - 13^0 + 27^2$	$= 16 - 54 - 130 + 272$	$104 := 2^2 + 10^2 + 25^0 - 27^0$	$= 22 + 102 + 250 - 270$
$104 := -1^7 + 11^2 - 17^1 + 18^0$	$= -17 + 112 - 171 + 180$	$104 := 2^2 + 10^2 + 26^0 - 28^0$	$= 22 + 102 + 260 - 280$
$104 := -1^7 + 9^3 - 25^2 + 28^0$	$= -17 + 93 - 252 + 280$	$104 := 2^2 + 10^2 + 27^0 - 29^0$	$= 22 + 102 + 270 - 290$
$104 := 1^7 - 2^8 + 4^2 + 7^3$	$= 17 - 28 + 42 + 73$	$104 := 2^2 + 10^2 + 28^0 - 30^0$	$= 22 + 102 + 280 - 300$
$104 := -1^8 + 3^6 - 5^4 + 14^0$	$= -18 + 36 - 54 + 140$	$104 := 2^2 + 2^2 - 5^2 + 11^2$	$= 22 + 22 - 52 + 112$
$104 := -1^8 + 5^3 - 21^1 + 28^0$	$= -18 + 53 - 211 + 280$	$104 := -2^2 + 2^7 - 6^2 + 16^1$	$= -22 + 27 - 62 + 161$
$104 := 1^9 + 3^4 - 18^0 + 23^1$	$= 19 + 34 - 180 + 231$	$104 := 2^2 + 3^0 - 5^0 + 10^2$	$= 22 + 30 - 50 + 102$
$104 := -1^9 + 9^2 - 22^0 + 25^1$	$= -19 + 92 - 220 + 251$	$104 := 2^2 + 4^0 - 6^0 + 10^2$	$= 22 + 40 - 60 + 102$

$104 := 2^2 + 5^0 - 7^0 + 10^2$	$= 22 + 50 - 70 + 102$	$104 := 4^2 + 4^4 - 13^2 + 15^0$	$= 42 + 44 - 132 + 150$
$104 := 2^2 + 5^2 - 11^2 + 14^2$	$= 22 + 52 - 112 + 142$	$104 := 4^3 + 4^3 - 5^2 + 7^0$	$= 43 + 43 - 52 + 70$
$104 := 2^2 + 5^3 - 26^1 + 29^0$	$= 22 + 53 - 261 + 290$	$104 := 4^3 + 5^1 - 17^2 + 18^2$	$= 43 + 51 - 172 + 182$
$104 := 2^2 + 6^0 - 8^0 + 10^2$	$= 22 + 60 - 80 + 102$	$104 := 4^3 + 7^2 + 9^0 - 10^1$	$= 43 + 72 + 90 - 101$
$104 := 2^2 + 6^2 - 15^2 + 17^2$	$= 22 + 62 - 152 + 172$	$104 := 4^3 + 8^2 + 23^0 - 25^1$	$= 43 + 82 + 230 - 251$
$104 := 2^2 + 7^0 - 9^0 + 10^2$	$= 22 + 70 - 90 + 102$	$104 := 4^4 + 9^0 + 24^2 - 27^2$	$= 44 + 90 + 242 - 272$
$104 := 2^2 + 7^2 - 25^2 + 26^2$	$= 22 + 72 - 252 + 262$	$104 := 5^1 + 9^2 + 19^1 - 23^0$	$= 51 + 92 + 191 - 230$
$104 := 2^2 + 8^0 - 10^0 + 10^2$	$= 22 + 80 - 100 + 102$	$104 := 5^3 + 6^1 + 13^2 - 14^2$	$= 53 + 61 + 132 - 142$
$104 := 2^2 + 9^0 + 10^2 - 11^0$	$= 22 + 90 + 102 - 110$	$104 := 5^3 + 6^2 + 7^1 - 8^2$	$= 53 + 62 + 71 - 82$
$104 := 2^3 + 11^2 + 23^0 - 26^1$	$= 23 + 112 + 230 - 261$	$104 := 6^1 + 9^2 + 18^1 - 23^0$	$= 61 + 92 + 181 - 230$
$104 := -2^3 + 2^9 - 5^4 + 15^2$	$= -23 + 29 - 54 + 152$	$104 := 6^2 + 7^3 + 14^1 - 17^2$	$= 62 + 73 + 141 - 172$
$104 := 2^3 + 3^0 - 5^1 + 10^2$	$= 23 + 30 - 51 + 102$	$104 := 6^3 + 8^1 + 13^2 - 17^2$	$= 63 + 81 + 132 - 172$
$104 := 2^3 + 6^3 - 11^2 + 13^0$	$= 23 + 63 - 112 + 130$	$104 := 6^3 + 8^3 + 21^0 - 25^2$	$= 63 + 83 + 210 - 252$
$104 := 2^4 + 5^0 - 13^2 + 16^2$	$= 24 + 50 - 132 + 162$	$104 := 6^7 + 8^1 + 19^0 - 23^4$	$= 67 + 81 + 190 - 234$
$104 := 2^5 - 3^0 - 6^3 + 17^2$	$= 25 - 30 - 63 + 172$	$104 := 7^1 + 9^2 + 17^1 - 23^0$	$= 71 + 92 + 171 - 230$
$104 := -2^5 - 3^4 + 6^3 + 10^0$	$= -25 - 34 + 63 + 100$	$104 := 8^1 + 9^2 + 16^1 - 23^0$	$= 81 + 92 + 161 - 230$
$104 := -2^6 + 2^7 + 4^1 + 6^2$	$= -26 + 27 + 41 + 62$	$104 := 1^0 + 1^0 + 2^7 - 3^3 + 9^0$	$= 10 + 10 + 27 - 33 + 90$
$104 := -2^7 + 16^2 + 22^0 - 25^1$	$= -27 + 162 + 220 - 251$	$104 := 1^0 + 1^1 + 3^1 - 5^0 + 10^2$	$= 10 + 11 + 31 - 50 + 102$
$104 := 2^7 - 2^8 + 4^2 + 6^3$	$= 27 - 28 + 42 + 63$	$104 := 1^0 + 1^1 + 3^3 - 5^2 + 10^2$	$= 10 + 11 + 33 - 52 + 102$
$104 := 2^7 - 3^2 - 16^1 + 27^0$	$= 27 - 32 - 161 + 270$	$104 := -1^0 + 1^2 + 8^2 - 9^2 + 11^2$	$= -10 + 12 + 82 - 92 + 112$
$104 := 2^7 - 4^2 - 5^2 + 17^1$	$= 27 - 42 - 52 + 171$	$104 := 1^0 + 2^0 + 2^7 - 3^3 + 8^0$	$= 10 + 20 + 27 - 33 + 80$
$104 := 2^7 - 4^2 - 9^1 + 21^0$	$= 27 - 42 - 91 + 210$	$104 := 1^0 + 2^1 + 2^1 - 5^0 + 10^2$	$= 10 + 21 + 21 - 50 + 102$
$104 := 2^8 - 3^2 - 12^2 + 23^0$	$= 28 - 32 - 122 + 230$	$104 := -1^0 + 2^1 + 4^1 - 5^0 + 10^2$	$= -10 + 21 + 41 - 50 + 102$
$104 := -2^9 + 5^4 - 10^1 + 18^0$	$= -29 + 54 - 101 + 180$	$104 := -1^0 + 2^2 + 4^2 - 6^2 + 11^2$	$= -10 + 22 + 42 - 62 + 112$
$104 := 3^0 + 3^3 - 5^1 + 9^2$	$= 30 + 33 - 51 + 92$	$104 := -1^0 + 2^2 - 3^3 + 4^3 + 8^2$	$= -10 + 22 - 33 + 43 + 82$
$104 := -3^1 + 3^4 - 17^0 + 27^1$	$= -31 + 34 - 170 + 271$	$104 := -1^0 + 2^3 + 2^5 + 2^6 + 4^0$	$= -10 + 23 + 25 + 26 + 40$
$104 := 3^1 + 9^2 + 21^1 - 23^0$	$= 31 + 92 + 211 - 230$	$104 := -1^0 + 2^3 + 3^0 - 4^1 + 10^2$	$= -10 + 23 + 30 - 41 + 102$
$104 := 3^2 + 6^2 - 29^2 + 30^2$	$= 32 + 62 - 292 + 302$	$104 := 1^0 + 2^3 + 3^0 - 6^1 + 10^2$	$= 10 + 23 + 30 - 61 + 102$
$104 := 3^3 + 10^2 + 21^0 - 24^1$	$= 33 + 102 + 210 - 241$	$104 := -1^0 + 2^3 - 2^4 + 4^3 + 7^2$	$= -10 + 23 - 24 + 43 + 72$
$104 := 3^3 + 5^1 - 17^2 + 19^2$	$= 33 + 51 - 172 + 192$	$104 := 1^0 + 2^7 + 3^0 - 3^3 + 7^0$	$= 10 + 27 + 30 - 33 + 70$
$104 := 3^3 + 5^3 - 7^2 + 9^0$	$= 33 + 53 - 72 + 90$	$104 := 1^0 + 2^7 - 3^3 + 4^0 + 6^0$	$= 10 + 27 - 33 + 40 + 60$
$104 := 3^4 - 4^1 - 17^0 + 28^1$	$= 34 - 41 - 170 + 281$	$104 := 1^0 + 2^7 - 3^3 + 5^0 + 5^0$	$= 10 + 27 - 33 + 50 + 50$
$104 := 3^4 - 5^1 - 17^0 + 29^1$	$= 34 - 51 - 170 + 291$	$104 := -1^0 + 3^0 + 3^3 - 4^1 + 9^2$	$= -10 + 30 + 33 - 41 + 92$
$104 := 3^4 - 6^1 - 17^0 + 30^1$	$= 34 - 61 - 170 + 301$	$104 := 1^0 + 3^0 + 3^3 - 6^1 + 9^2$	$= 10 + 30 + 33 - 61 + 92$
$104 := 3^5 + 4^1 - 12^2 + 15^0$	$= 35 + 41 - 122 + 150$	$104 := -1^0 + 3^1 + 3^1 - 5^0 + 10^2$	$= -10 + 31 + 31 - 50 + 102$
$104 := 4^1 + 4^3 - 8^2 + 10^2$	$= 41 + 43 - 82 + 102$	$104 := -1^0 + 3^1 + 3^3 - 5^2 + 10^2$	$= -10 + 31 + 33 - 52 + 102$
$104 := 4^1 + 9^2 + 20^1 - 23^0$	$= 41 + 92 + 201 - 230$	$104 := 1^0 + 3^1 + 4^3 - 8^2 + 10^2$	$= 10 + 31 + 43 - 82 + 102$
$104 := 4^2 + 4^2 - 17^2 + 19^2$	$= 42 + 42 - 172 + 192$	$104 := 1^0 + 3^4 + 5^0 - 10^2 + 11^2$	$= 10 + 34 + 50 - 102 + 112$

$$\begin{array}{ll}
 104 := -1^0 + 4^3 + 4^4 - 6^3 + 9^0 & = -10 + 43 + 44 - 63 + 90 \\
 104 := -1^0 + 4^3 + 5^1 - 8^2 + 10^2 & = -10 + 43 + 51 - 82 + 102 \\
 104 := 1^0 + 4^3 + 7^2 + 9^0 - 11^1 & = 10 + 43 + 72 + 90 - 111 \\
 104 := -1^0 + 4^3 + 7^2 + 9^0 - 9^1 & = -10 + 43 + 72 + 90 - 91 \\
 104 := 1^0 + 5^3 + 6^1 + 6^2 - 8^2 & = 10 + 53 + 61 + 62 - 82 \\
 104 := -1^0 + 5^3 + 6^2 + 8^1 - 8^2 & = -10 + 53 + 62 + 81 - 82 \\
 104 := 1^0 - 1^0 + 2^6 - 3^4 + 11^2 & = 10 - 10 + 26 - 34 + 112 \\
 104 := -1^0 - 1^4 - 2^4 + 4^0 + 11^2 & = -10 - 14 - 24 + 40 + 112 \\
 104 := 1^0 - 1^6 + 2^2 + 2^6 + 6^2 & = 10 - 16 + 22 + 26 + 62 \\
 104 := -1^0 - 1^6 - 4^2 + 6^0 + 11^2 & = -10 - 16 - 42 + 60 + 112 \\
 104 := 1^0 - 1^9 - 4^0 + 5^1 + 10^2 & = 10 - 19 - 40 + 51 + 102 \\
 104 := -1^0 - 1^9 - 4^0 + 7^1 + 10^2 & = -10 - 19 - 40 + 71 + 102 \\
 104 := 1^0 - 2^2 + 3^0 + 3^4 + 5^2 & = 10 - 22 + 30 + 34 + 52 \\
 104 := 1^0 - 2^6 + 2^7 + 3^1 + 6^2 & = 10 - 26 + 27 + 31 + 62 \\
 104 := -1^0 - 2^6 + 2^7 + 5^1 + 6^2 & = -10 - 26 + 27 + 51 + 62 \\
 104 := -1^1 + 1^1 + 2^6 - 3^4 + 11^2 & = -11 + 11 + 26 - 34 + 112 \\
 104 := -1^1 + 1^2 - 2^2 + 2^3 + 10^2 & = -11 + 12 - 22 + 23 + 102 \\
 104 := -1^1 + 1^2 - 2^2 + 3^3 + 9^2 & = -11 + 12 - 22 + 33 + 92 \\
 104 := -1^1 + 1^2 - 5^0 + 5^1 + 10^2 & = -11 + 12 - 50 + 51 + 102 \\
 104 := -1^1 + 1^3 + 8^2 - 9^2 + 11^2 & = -11 + 13 + 82 - 92 + 112 \\
 104 := 1^1 + 1^9 + 2^7 - 3^3 + 8^0 & = 11 + 19 + 27 - 33 + 80 \\
 104 := 1^1 + 2^0 + 3^1 - 6^0 + 10^2 & = 11 + 20 + 31 - 60 + 102 \\
 104 := -1^1 + 2^1 + 2^2 - 3^0 + 10^2 & = -11 + 21 + 22 - 30 + 102 \\
 104 := 1^1 + 2^1 - 2^4 + 3^4 + 6^2 & = 11 + 21 - 24 + 34 + 62 \\
 104 := -1^1 + 2^2 + 2^2 - 3^1 + 10^2 & = -11 + 22 + 22 - 31 + 102 \\
 104 := -1^1 + 2^2 - 5^1 + 5^2 + 9^2 & = -11 + 22 - 51 + 52 + 92 \\
 104 := -1^1 + 2^3 + 5^2 - 7^2 + 11^2 & = -11 + 23 + 52 - 72 + 112 \\
 104 := -1^1 + 2^3 - 2^5 + 2^7 + 9^0 & = -11 + 23 - 25 + 27 + 90 \\
 104 := -1^1 + 2^4 + 4^1 - 6^2 + 11^2 & = -11 + 24 + 41 - 62 + 112 \\
 104 := -1^1 + 2^5 + 3^0 - 3^2 + 9^2 & = -11 + 25 + 30 - 32 + 92 \\
 104 := -1^1 + 2^5 + 5^0 - 7^2 + 11^2 & = -11 + 25 + 50 - 72 + 112 \\
 104 := -1^1 + 2^7 + 3^0 - 4^5 + 10^3 & = -11 + 27 + 30 - 45 + 103 \\
 104 := -1^1 + 2^7 + 3^0 - 5^2 + 11^0 & = -11 + 27 + 30 - 52 + 110 \\
 104 := -1^1 + 2^7 + 3^1 - 3^3 + 9^0 & = -11 + 27 + 31 - 33 + 90 \\
 104 := -1^1 + 2^7 + 4^0 - 5^2 + 10^0 & = -11 + 27 + 40 - 52 + 100 \\
 104 := -1^1 + 2^7 + 5^0 - 5^2 + 9^0 & = -11 + 27 + 50 - 52 + 90 \\
 104 := -1^1 + 2^7 - 5^2 + 6^0 + 8^0 & = -11 + 27 - 52 + 60 + 80 \\
 104 := -1^1 + 2^7 - 5^2 + 7^0 + 7^0 & = -11 + 27 - 52 + 70 + 70 \\
 104 := 1^1 + 3^0 + 3^1 - 7^0 + 10^2 & = 11 + 30 + 31 - 70 + 102 \\
 104 := 1^1 + 3^0 + 3^2 - 7^1 + 10^2 & = 11 + 30 + 32 - 71 + 102 \\
 104 := 1^1 + 3^1 + 4^0 - 8^0 + 10^2 & = 11 + 31 + 40 - 80 + 102 \\
 104 := 1^1 + 3^1 + 5^0 - 9^0 + 10^2 & = 11 + 31 + 50 - 90 + 102 \\
 104 := 1^1 + 3^1 + 6^0 - 10^0 + 10^2 & = 11 + 31 + 60 - 100 + 102 \\
 104 := 1^1 + 3^1 + 7^0 + 10^2 - 11^0 & = 11 + 31 + 70 + 102 - 110 \\
 104 := -1^1 + 3^4 + 7^1 - 8^2 + 9^2 & = -11 + 34 + 71 - 82 + 92 \\
 104 := -1^1 + 4^2 + 9^1 + 9^2 - 11^0 & = -11 + 42 + 91 + 92 - 110 \\
 104 := -1^1 + 4^3 + 9^2 + 9^2 - 11^2 & = -11 + 43 + 92 + 92 - 112 \\
 104 := -1^1 + 4^6 + 5^1 - 8^4 + 10^2 & = -11 + 46 + 51 - 84 + 102 \\
 104 := 1^1 + 5^0 + 7^2 + 8^2 - 11^1 & = 11 + 50 + 72 + 82 - 111 \\
 104 := -1^1 + 6^1 + 6^2 + 8^2 - 9^0 & = -11 + 61 + 62 + 82 - 90 \\
 104 := -1^1 + 7^2 + 7^2 + 8^1 - 11^0 & = -11 + 72 + 72 + 81 - 110 \\
 104 := 1^1 - 1^1 + 2^6 - 3^4 + 11^2 & = 11 - 11 + 26 - 34 + 112 \\
 104 := -1^1 - 1^3 - 2^4 + 4^0 + 11^2 & = -11 - 13 - 24 + 40 + 112 \\
 104 := -1^1 - 1^5 - 4^2 + 6^0 + 11^2 & = -11 - 15 - 42 + 60 + 112 \\
 104 := 1^1 - 1^7 + 2^2 + 2^6 + 6^2 & = 11 - 17 + 22 + 26 + 62 \\
 104 := -1^1 - 1^8 - 4^0 + 7^1 + 10^2 & = -11 - 18 - 40 + 71 + 102 \\
 104 := 1^1 - 2^0 - 4^0 + 5^1 + 10^2 & = 11 - 20 - 40 + 51 + 102 \\
 104 := -1^1 - 2^1 + 3^4 + 5^0 + 5^2 & = -11 - 21 + 34 + 50 + 52 \\
 104 := 1^1 - 2^1 - 3^0 + 5^2 + 9^2 & = 11 - 21 - 30 + 52 + 92 \\
 104 := -1^1 - 2^2 + 3^2 + 4^3 + 6^2 & = -11 - 22 + 32 + 43 + 62 \\
 104 := -1^1 - 2^2 + 3^3 + 3^4 + 7^0 & = -11 - 22 + 33 + 34 + 70 \\
 104 := -1^1 - 2^5 + 2^6 + 3^2 + 8^2 & = -11 - 25 + 26 + 32 + 82 \\
 104 := 1^1 - 2^5 + 2^7 + 3^0 + 6^1 & = 11 - 25 + 27 + 30 + 61 \\
 104 := 1^1 - 2^6 + 3^4 + 3^4 + 5^1 & = 11 - 26 + 34 + 34 + 51 \\
 104 := 1^1 - 3^0 - 3^0 + 5^1 + 10^2 & = 11 - 30 - 30 + 51 + 102 \\
 104 := -1^1 - 3^2 + 4^3 + 5^2 + 5^2 & = -11 - 32 + 43 + 52 + 52 \\
 104 := -1^2 + 1^3 - 2^2 + 2^3 + 10^2 & = -12 + 13 - 22 + 23 + 102 \\
 104 := -1^2 + 1^3 - 2^2 + 3^3 + 9^2 & = -12 + 13 - 22 + 33 + 92 \\
 104 := -1^2 + 1^3 - 5^0 + 5^1 + 10^2 & = -12 + 13 - 50 + 51 + 102 \\
 104 := -1^2 + 1^4 + 8^2 - 9^2 + 11^2 & = -12 + 14 + 82 - 92 + 112 \\
 104 := 1^2 + 1^8 + 2^7 - 3^3 + 8^0 & = 12 + 18 + 27 - 33 + 80 \\
 104 := 1^2 + 1^9 + 3^1 - 6^0 + 10^2 & = 12 + 19 + 31 - 60 + 102 \\
 104 := 1^2 + 2^1 - 5^2 + 5^3 + 7^0 & = 12 + 21 - 52 + 53 + 70 \\
 104 := 1^2 + 2^2 - 3^3 + 5^0 + 5^3 & = 12 + 22 - 33 + 50 + 53 \\
 104 := -1^2 + 2^3 - 2^4 + 2^5 + 9^2 & = -12 + 23 - 24 + 25 + 92 \\
 104 := -1^2 + 2^4 + 5^2 - 6^2 + 10^2 & = -12 + 24 + 52 - 62 + 102
 \end{array}$$

$$\begin{aligned}
 104 &:= -1^2 + 2^4 + 7^2 - 9^2 + 11^2 = -12 + 24 + 72 - 92 + 112 & 104 &:= -1^3 + 2^6 + 4^4 - 6^3 + 11^0 = -13 + 26 + 44 - 63 + 110 \\
 104 &:= 1^2 + 2^5 + 2^6 - 4^0 + 8^1 = 12 + 25 + 26 - 40 + 81 & 104 &:= -1^3 + 2^6 + 7^2 - 9^1 + 11^0 = -13 + 26 + 72 - 91 + 110 \\
 104 &:= -1^2 + 2^5 + 9^0 - 9^1 + 9^2 = -12 + 25 + 90 - 91 + 92 & 104 &:= -1^3 + 2^7 + 5^2 - 7^2 + 11^0 = -13 + 27 + 52 - 72 + 110 \\
 104 &:= -1^2 + 2^6 + 7^0 - 9^2 + 11^2 = -12 + 26 + 70 - 92 + 112 & 104 &:= -1^3 + 2^8 - 6^3 + 7^0 + 8^2 = -13 + 28 - 63 + 70 + 82 \\
 104 &:= -1^2 + 2^6 - 3^2 + 5^0 + 7^2 = -12 + 26 - 32 + 50 + 72 & 104 &:= 1^3 + 3^0 - 3^3 + 4^1 + 5^3 = 13 + 30 - 33 + 41 + 53 \\
 104 &:= -1^2 + 2^6 - 3^3 + 4^1 + 8^2 = -12 + 26 - 33 + 41 + 82 & 104 &:= -1^3 + 3^4 + 4^2 - 5^0 + 9^1 = -13 + 34 + 42 - 50 + 91 \\
 104 &:= -1^2 + 3^2 + 4^2 - 5^0 + 9^2 = -12 + 32 + 42 - 50 + 92 & 104 &:= 1^3 - 1^3 + 2^6 - 3^4 + 11^2 = 13 - 13 + 26 - 34 + 112 \\
 104 &:= -1^2 + 3^3 + 3^4 - 4^1 + 9^0 = -12 + 33 + 34 - 41 + 90 & 104 &:= -1^3 - 1^3 - 4^2 + 6^0 + 11^2 = -13 - 13 - 42 + 60 + 112 \\
 104 &:= -1^2 + 4^3 - 5^0 + 6^1 + 6^2 = -12 + 43 - 50 + 61 + 62 & 104 &:= -1^3 - 1^6 - 4^0 + 7^1 + 10^2 = -13 - 16 - 40 + 71 + 102 \\
 104 &:= -1^2 + 4^9 + 5^1 - 8^6 + 10^2 = -12 + 49 + 51 - 86 + 102 & 104 &:= 1^3 - 1^9 + 2^2 + 2^6 + 6^2 = 13 - 19 + 22 + 26 + 62 \\
 104 &:= 1^2 + 6^3 + 7^0 + 7^1 - 11^2 = 12 + 63 + 70 + 71 - 112 & 104 &:= 1^3 - 2^1 - 2^2 + 3^2 + 10^2 = 13 - 21 - 22 + 32 + 102 \\
 104 &:= 1^2 - 1^2 + 2^6 - 3^4 + 11^2 = 12 - 12 + 26 - 34 + 112 & 104 &:= 1^3 - 2^1 - 5^2 + 7^2 + 9^2 = 13 - 21 - 52 + 72 + 92 \\
 104 &:= -1^2 - 1^2 - 2^4 + 4^0 + 11^2 = -12 - 12 - 24 + 40 + 112 & 104 &:= 1^3 - 2^2 - 2^5 + 2^7 + 11^1 = 13 - 22 - 25 + 27 + 111 \\
 104 &:= -1^2 - 1^4 - 4^2 + 6^0 + 11^2 = -12 - 14 - 42 + 60 + 112 & 104 &:= 1^3 - 2^2 - 7^0 + 8^1 + 10^2 = 13 - 22 - 70 + 81 + 102 \\
 104 &:= -1^2 - 1^7 - 4^0 + 7^1 + 10^2 = -12 - 17 - 40 + 71 + 102 & 104 &:= -1^3 - 2^3 + 2^4 + 2^4 + 9^2 = -13 - 23 + 24 + 24 + 92 \\
 104 &:= 1^2 - 1^8 + 2^2 + 2^6 + 6^2 = 12 - 18 + 22 + 26 + 62 & 104 &:= -1^3 - 2^3 - 3^2 + 6^0 + 11^2 = -13 - 23 - 32 + 60 + 112 \\
 104 &:= 1^2 - 2^1 - 5^0 + 6^1 + 10^2 = 12 - 21 - 50 + 61 + 102 & 104 &:= 1^3 - 3^0 - 3^4 + 4^3 + 11^2 = 13 - 30 - 34 + 43 + 112 \\
 104 &:= -1^2 - 2^4 + 2^5 + 3^4 + 8^1 = -12 - 24 + 25 + 34 + 81 & 104 &:= 1^3 - 5^0 - 5^2 + 8^1 + 11^2 = 13 - 50 - 52 + 81 + 112 \\
 104 &:= 1^2 - 3^0 - 3^2 + 7^2 + 8^2 = 12 - 30 - 32 + 72 + 82 & 104 &:= -1^4 + 1^4 + 2^6 - 3^4 + 11^2 = -14 + 14 + 26 - 34 + 112 \\
 104 &:= 1^2 - 3^1 - 5^0 + 7^1 + 10^2 = 12 - 31 - 50 + 71 + 102 & 104 &:= -1^4 + 1^5 - 2^2 + 2^3 + 10^2 = -14 + 15 - 22 + 23 + 102 \\
 104 &:= 1^2 - 4^1 - 5^0 + 8^1 + 10^2 = 12 - 41 - 50 + 81 + 102 & 104 &:= -1^4 + 1^5 - 2^2 + 3^3 + 9^2 = -14 + 15 - 22 + 33 + 92 \\
 104 &:= 1^2 - 5^0 - 5^1 + 9^1 + 10^2 = 12 - 50 - 51 + 91 + 102 & 104 &:= -1^4 + 1^5 - 5^0 + 5^1 + 10^2 = -14 + 15 - 50 + 51 + 102 \\
 104 &:= 1^2 - 5^0 - 6^1 + 10^1 + 10^2 = 12 - 50 - 61 + 101 + 102 & 104 &:= 1^4 + 1^6 + 2^7 - 3^3 + 8^0 = 14 + 16 + 27 - 33 + 80 \\
 104 &:= 1^2 - 5^0 - 7^1 + 10^2 + 11^1 = 12 - 50 - 71 + 102 + 111 & 104 &:= -1^4 + 1^6 + 8^2 - 9^2 + 11^2 = -14 + 16 + 82 - 92 + 112 \\
 104 &:= -1^3 + 1^4 - 2^2 + 2^3 + 10^2 = -13 + 14 - 22 + 23 + 102 & 104 &:= 1^4 + 1^7 + 3^1 - 6^0 + 10^2 = 14 + 17 + 31 - 60 + 102 \\
 104 &:= -1^3 + 1^4 - 2^2 + 3^3 + 9^2 = -13 + 14 - 22 + 33 + 92 & 104 &:= 1^4 + 2^3 + 2^5 - 4^0 + 8^2 = 14 + 23 + 25 - 40 + 82 \\
 104 &:= -1^3 + 1^4 - 5^0 + 5^1 + 10^2 = -13 + 14 - 50 + 51 + 102 & 104 &:= -1^4 + 2^4 + 2^5 - 4^3 + 11^2 = -14 + 24 + 25 - 43 + 112 \\
 104 &:= -1^3 + 1^5 + 8^2 - 9^2 + 11^2 = -13 + 15 + 82 - 92 + 112 & 104 &:= -1^4 + 2^4 - 3^0 + 3^2 + 9^2 = -14 + 24 - 30 + 32 + 92 \\
 104 &:= 1^3 + 1^7 + 2^7 - 3^3 + 8^0 = 13 + 17 + 27 - 33 + 80 & 104 &:= -1^4 + 2^5 + 8^2 - 9^0 + 10^1 = -14 + 25 + 82 - 90 + 101 \\
 104 &:= 1^3 + 1^8 + 3^1 - 6^0 + 10^2 = 13 + 18 + 31 - 60 + 102 & 104 &:= -1^4 + 2^8 + 4^3 - 6^3 + 11^0 = -14 + 28 + 43 - 63 + 110 \\
 104 &:= 1^3 + 2^3 + 2^3 - 2^8 + 7^3 = 13 + 23 + 23 - 28 + 73 & 104 &:= 1^4 - 1^4 + 2^6 - 3^4 + 11^2 = 14 - 14 + 26 - 34 + 112 \\
 104 &:= -1^3 + 2^3 - 5^0 + 7^2 + 7^2 = -13 + 23 - 50 + 72 + 72 & 104 &:= -1^4 - 1^5 - 4^0 + 7^1 + 10^2 = -14 - 15 - 40 + 71 + 102 \\
 104 &:= -1^3 + 2^4 + 2^4 - 3^3 + 10^2 = -13 + 24 + 24 - 33 + 102 & 104 &:= 1^4 - 2^0 + 2^2 + 2^6 + 6^2 = 14 - 20 + 22 + 26 + 62 \\
 104 &:= -1^3 + 2^4 - 9^0 + 9^1 + 9^2 = -13 + 24 - 90 + 91 + 92 & 104 &:= -1^4 - 2^0 - 2^4 + 5^0 + 11^2 = -14 - 20 - 24 + 50 + 112 \\
 104 &:= -1^3 + 2^5 - 2^6 + 2^7 + 9^1 = -13 + 25 - 26 + 27 + 91 & 104 &:= -1^4 - 2^1 + 2^4 + 3^3 + 8^2 = -14 - 21 + 24 + 33 + 82 \\
 104 &:= -1^3 + 2^5 - 3^2 + 3^4 + 9^0 = -13 + 25 - 32 + 34 + 90 & 104 &:= 1^4 - 2^1 + 2^4 - 2^5 + 11^2 = 14 - 21 + 24 - 25 + 112 \\
 104 &:= -1^3 + 2^5 - 4^2 + 5^2 + 8^2 = -13 + 25 - 42 + 52 + 82 & 104 &:= 1^4 - 2^2 - 3^2 + 4^2 + 10^2 = 14 - 22 - 32 + 42 + 102 \\
 104 &:= -1^3 + 2^5 - 5^2 + 7^2 + 7^2 = -13 + 25 - 52 + 72 + 72 & 104 &:= -1^4 - 2^4 - 3^0 + 6^0 + 11^2 = -14 - 24 - 30 + 60 + 112
 \end{aligned}$$

$$\begin{array}{ll}
 104 := -1^4 - 2^4 - 4^0 + 7^0 + 11^2 & = -14 - 24 - 40 + 70 + 112 \\
 104 := -1^4 - 2^4 - 5^0 + 8^0 + 11^2 & = -14 - 24 - 50 + 80 + 112 \\
 104 := -1^4 - 2^4 - 6^0 + 9^0 + 11^2 & = -14 - 24 - 60 + 90 + 112 \\
 104 := -1^4 - 2^4 - 7^0 + 10^0 + 11^2 & = -14 - 24 - 70 + 100 + 112 \\
 104 := -1^4 - 2^4 - 8^0 + 11^0 + 11^2 & = -14 - 24 - 80 + 110 + 112 \\
 104 := -1^4 - 2^5 + 2^6 + 2^6 + 9^1 & = -14 - 25 + 26 + 26 + 91 \\
 104 := 1^4 - 2^5 + 3^0 + 3^2 + 5^3 & = 14 - 25 + 30 + 32 + 53 \\
 104 := -1^4 - 2^6 - 4^0 + 7^2 + 11^2 & = -14 - 26 - 40 + 72 + 112 \\
 104 := -1^4 - 2^7 + 4^0 + 4^2 + 6^3 & = -14 - 27 + 40 + 42 + 63 \\
 104 := 1^4 - 3^2 - 4^2 + 8^2 + 8^2 & = 14 - 32 - 42 + 82 + 82 \\
 104 := 1^4 - 3^3 - 9^0 + 10^1 + 11^2 & = 14 - 33 - 90 + 101 + 112 \\
 104 := 1^4 - 3^4 - 7^0 + 8^2 + 11^2 & = 14 - 34 - 70 + 82 + 112 \\
 104 := 1^5 + 1^5 + 2^7 - 3^3 + 8^0 & = 15 + 15 + 27 - 33 + 80 \\
 104 := 1^5 + 1^6 + 3^1 - 6^0 + 10^2 & = 15 + 16 + 31 - 60 + 102 \\
 104 := -1^5 + 1^6 - 2^2 + 2^3 + 10^2 & = -15 + 16 - 22 + 23 + 102 \\
 104 := -1^5 + 1^6 - 2^2 + 3^3 + 9^2 & = -15 + 16 - 22 + 33 + 92 \\
 104 := -1^5 + 1^6 - 5^0 + 5^1 + 10^2 & = -15 + 16 - 50 + 51 + 102 \\
 104 := -1^5 + 1^7 + 8^2 - 9^2 + 11^2 & = -15 + 17 + 82 - 92 + 112 \\
 104 := 1^5 + 2^1 + 3^0 - 3^5 + 7^3 & = 15 + 21 + 30 - 35 + 73 \\
 104 := 1^5 + 2^4 + 3^4 - 4^0 + 7^1 & = 15 + 24 + 34 - 40 + 71 \\
 104 := -1^5 + 2^4 - 3^0 + 3^4 + 9^1 & = -15 + 24 - 30 + 34 + 91 \\
 104 := -1^5 + 2^5 + 4^3 - 5^0 + 10^1 & = -15 + 25 + 43 - 50 + 101 \\
 104 := 1^5 + 2^5 + 4^3 - 6^0 + 8^1 & = 15 + 25 + 43 - 60 + 81 \\
 104 := -1^5 + 2^5 - 3^0 + 5^2 + 7^2 & = -15 + 25 - 30 + 52 + 72 \\
 104 := 1^5 + 2^5 - 6^0 + 6^2 + 6^2 & = 15 + 25 - 60 + 62 + 62 \\
 104 := -1^5 + 2^6 - 3^0 + 6^1 + 6^2 & = -15 + 26 - 30 + 61 + 62 \\
 104 := 1^5 + 2^6 - 4^0 + 4^1 + 6^2 & = 15 + 26 - 40 + 41 + 62 \\
 104 := -1^5 - 1^9 - 2^4 + 5^0 + 11^2 & = -15 - 19 - 24 + 50 + 112 \\
 104 := 1^5 - 2^2 - 3^3 + 5^3 + 9^1 & = 15 - 22 - 33 + 53 + 91 \\
 104 := 1^5 - 2^3 - 5^2 + 5^3 + 11^1 & = 15 - 23 - 52 + 53 + 111 \\
 104 := 1^5 - 2^3 - 5^2 + 6^2 + 10^2 & = 15 - 23 - 52 + 62 + 102 \\
 104 := 1^5 - 2^5 - 5^0 + 5^3 + 11^1 & = 15 - 25 - 50 + 53 + 111 \\
 104 := 1^5 - 2^5 - 5^0 + 6^2 + 10^2 & = 15 - 25 - 50 + 62 + 102 \\
 104 := 1^5 - 3^1 - 4^2 + 5^0 + 11^2 & = 15 - 31 - 42 + 50 + 112 \\
 104 := 1^5 - 3^2 - 10^1 + 11^0 + 11^2 & = 15 - 32 - 101 + 110 + 112 \\
 104 := 1^5 - 3^3 - 4^2 + 5^2 + 11^2 & = 15 - 33 - 42 + 52 + 112 \\
 104 := -1^5 - 3^5 + 4^0 + 4^1 + 7^3 & = -15 - 35 + 40 + 41 + 73 \\
 104 := -1^6 + 1^7 - 2^2 + 2^3 + 10^2 & = -16 + 17 - 22 + 23 + 102 \\
 104 := -1^6 + 1^7 - 2^2 + 3^3 + 9^2 & = -16 + 17 - 22 + 33 + 92 \\
 104 := -1^6 + 1^7 - 5^0 + 5^1 + 10^2 & = -16 + 17 - 50 + 51 + 102 \\
 104 := -1^6 + 1^8 + 8^2 - 9^2 + 11^2 & = -16 + 18 + 82 - 92 + 112 \\
 104 := -1^6 + 2^2 + 2^2 + 3^4 + 4^2 & = -16 + 22 + 22 + 34 + 42 \\
 104 := -1^6 + 2^2 - 3^5 + 6^0 + 7^3 & = -16 + 22 - 35 + 60 + 73 \\
 104 := -1^6 + 2^4 - 2^7 + 6^0 + 6^3 & = -16 + 24 - 27 + 60 + 63 \\
 104 := 1^6 + 2^5 + 8^1 + 8^2 - 10^0 & = 16 + 25 + 81 + 82 - 100 \\
 104 := -1^6 - 1^8 - 2^4 + 5^0 + 11^2 & = -16 - 18 - 24 + 50 + 112 \\
 104 := -1^6 - 2^0 - 4^2 + 7^0 + 11^2 & = -16 - 20 - 42 + 70 + 112 \\
 104 := 1^6 - 2^1 - 5^4 + 7^0 + 9^3 & = 16 - 21 - 54 + 70 + 93 \\
 104 := 1^6 - 2^3 + 11^0 - 11^1 + 11^2 & = 16 - 23 + 110 - 111 + 112 \\
 104 := 1^6 - 2^3 - 2^4 + 3^3 + 10^2 & = 16 - 23 - 24 + 33 + 102 \\
 104 := 1^6 - 2^4 - 4^2 + 5^3 + 10^1 & = 16 - 24 - 42 + 53 + 101 \\
 104 := 1^6 - 2^4 - 9^2 + 10^2 + 10^2 & = 16 - 24 - 92 + 102 + 102 \\
 104 := -1^6 - 3^0 - 4^2 + 8^0 + 11^2 & = -16 - 30 - 42 + 80 + 112 \\
 104 := 1^6 - 3^2 - 5^4 + 8^1 + 9^3 & = 16 - 32 - 54 + 81 + 93 \\
 104 := -1^6 - 4^0 - 4^2 + 9^0 + 11^2 & = -16 - 40 - 42 + 90 + 112 \\
 104 := -1^6 - 4^2 - 5^0 + 10^0 + 11^2 & = -16 - 42 - 50 + 100 + 112 \\
 104 := -1^6 - 4^2 - 6^0 + 11^0 + 11^2 & = -16 - 42 - 60 + 110 + 112 \\
 104 := -1^7 + 1^8 - 2^2 + 2^3 + 10^2 & = -17 + 18 - 22 + 23 + 102 \\
 104 := -1^7 + 1^8 - 2^2 + 3^3 + 9^2 & = -17 + 18 - 22 + 33 + 92 \\
 104 := -1^7 + 1^8 - 5^0 + 5^1 + 10^2 & = -17 + 18 - 50 + 51 + 102 \\
 104 := -1^7 + 1^9 + 8^2 - 9^2 + 11^2 & = -17 + 19 + 82 - 92 + 112 \\
 104 := 1^7 + 2^1 - 2^2 - 2^4 + 11^2 & = 17 + 21 - 22 - 24 + 112 \\
 104 := -1^7 + 2^2 + 2^4 + 3^4 + 4^1 & = -17 + 22 + 24 + 34 + 41 \\
 104 := 1^7 + 2^2 - 4^0 + 4^3 + 6^2 & = 17 + 22 - 40 + 43 + 62 \\
 104 := -1^7 + 2^3 + 2^5 + 3^0 + 4^3 & = -17 + 23 + 25 + 30 + 43 \\
 104 := 1^7 + 2^4 + 7^1 + 9^2 - 10^0 & = 17 + 24 + 71 + 92 - 100 \\
 104 := 1^7 + 2^6 + 7^2 + 10^0 - 11^1 & = 17 + 26 + 72 + 100 - 111 \\
 104 := -1^7 + 2^8 + 4^5 - 6^4 + 11^2 & = -17 + 28 + 45 - 64 + 112 \\
 104 := 1^7 + 3^4 + 4^2 - 6^0 + 7^1 & = 17 + 34 + 42 - 60 + 71 \\
 104 := -1^7 - 1^7 - 2^4 + 5^0 + 11^2 & = -17 - 17 - 24 + 50 + 112 \\
 104 := -1^7 - 1^9 - 4^2 + 7^0 + 11^2 & = -17 - 19 - 42 + 70 + 112 \\
 104 := -1^7 - 2^0 - 4^3 + 7^2 + 11^2 & = -17 - 20 - 43 + 72 + 112 \\
 104 := 1^7 - 2^2 - 3^5 + 7^1 + 7^3 & = 17 - 22 - 35 + 71 + 73 \\
 104 := -1^7 - 2^2 - 6^0 + 10^1 + 10^2 & = -17 - 22 - 60 + 101 + 102 \\
 104 := 1^7 - 2^3 - 5^4 + 7^1 + 9^3 & = 17 - 23 - 54 + 71 + 93 \\
 104 := 1^7 - 2^4 + 3^0 - 3^1 + 11^2 & = 17 - 24 + 30 - 31 + 112
 \end{array}$$

$$\begin{aligned}
 104 &:= -1^7 - 3^3 + 4^0 + 5^3 + 6^1 = -17 - 33 + 40 + 53 + 61 & 104 &:= -1^9 + 5^1 + 8^0 + 10^2 - 11^0 = -19 + 51 + 80 + 102 - 110 \\
 104 &:= -1^7 - 4^0 - 5^2 + 10^1 + 11^2 = -17 - 40 - 52 + 101 + 112 & 104 &:= -1^9 + 5^3 + 8^0 + 10^2 - 11^2 = -19 + 53 + 80 + 102 - 112 \\
 104 &:= -1^8 + 1^9 - 2^2 + 2^3 + 10^2 = -18 + 19 - 22 + 23 + 102 & 104 &:= -1^9 + 6^0 + 7^2 + 8^2 - 9^1 = -19 + 60 + 72 + 82 - 91 \\
 104 &:= -1^8 + 1^9 - 2^2 + 3^3 + 9^2 = -18 + 19 - 22 + 33 + 92 & 104 &:= 1^9 - 1^9 + 2^6 - 3^4 + 11^2 = 19 - 19 + 26 - 34 + 112 \\
 104 &:= -1^8 + 1^9 - 5^0 + 5^1 + 10^2 = -18 + 19 - 50 + 51 + 102 & 104 &:= -1^9 - 2^0 - 3^0 + 7^1 + 10^2 = -19 - 20 - 30 + 71 + 102 \\
 104 &:= 1^8 + 2^0 + 2^7 - 6^2 + 10^1 = 18 + 20 + 27 - 62 + 101 & 104 &:= -1^9 - 2^5 + 2^7 + 4^0 + 8^1 = -19 - 25 + 27 + 40 + 81 \\
 104 &:= -1^8 + 2^0 + 8^2 - 9^2 + 11^2 = -18 + 20 + 82 - 92 + 112 & 104 &:= -1^9 - 3^2 + 4^0 + 4^3 + 7^2 = -19 - 32 + 40 + 43 + 72 \\
 104 &:= 1^8 + 2^2 + 6^2 - 8^0 + 8^2 = 18 + 22 + 62 - 80 + 82 & 104 &:= 2^0 + 2^0 + 2^3 - 6^1 + 10^2 = 20 + 20 + 23 - 61 + 102 \\
 104 &:= -1^8 + 2^5 + 2^6 - 3^0 + 10^1 = -18 + 25 + 26 - 30 + 101 & 104 &:= 2^0 + 2^0 + 2^7 - 3^3 + 7^0 = 20 + 20 + 27 - 33 + 70 \\
 104 &:= 1^8 + 2^5 + 8^0 + 9^2 - 11^1 = 18 + 25 + 80 + 92 - 111 & 104 &:= 2^0 + 2^0 + 3^3 - 6^1 + 9^2 = 20 + 20 + 33 - 61 + 92 \\
 104 &:= 1^8 + 3^3 + 3^4 - 6^1 + 8^0 = 18 + 33 + 34 - 61 + 80 & 104 &:= 2^0 + 2^0 - 2^2 + 3^4 + 5^2 = 20 + 20 - 22 + 34 + 52 \\
 104 &:= 1^8 + 4^1 + 4^3 - 6^0 + 6^2 = 18 + 41 + 43 - 60 + 62 & 104 &:= 2^0 + 2^1 + 2^1 - 6^0 + 10^2 = 20 + 21 + 21 - 60 + 102 \\
 104 &:= -1^8 + 4^1 - 5^2 + 5^3 + 8^0 = -18 + 41 - 52 + 53 + 80 & 104 &:= -2^0 + 2^1 - 4^0 + 4^1 + 10^2 = -20 + 21 - 40 + 41 + 102 \\
 104 &:= -1^8 + 6^3 + 8^0 + 9^1 - 11^2 = -18 + 63 + 80 + 91 - 112 & 104 &:= -2^0 + 2^2 + 2^5 + 2^6 + 5^1 = -20 + 22 + 25 + 26 + 51 \\
 104 &:= -1^8 - 1^8 - 4^2 + 7^0 + 11^2 = -18 - 18 - 42 + 70 + 112 & 104 &:= -2^0 + 2^3 + 2^3 + 2^6 + 5^2 = -20 + 23 + 23 + 26 + 52 \\
 104 &:= -1^8 - 1^9 - 4^3 + 7^2 + 11^2 = -18 - 19 - 43 + 72 + 112 & 104 &:= -2^0 + 2^3 + 2^5 + 2^6 + 5^0 = -20 + 23 + 25 + 26 + 50 \\
 104 &:= -1^8 - 2^1 - 4^0 + 8^1 + 10^2 = -18 - 21 - 40 + 81 + 102 & 104 &:= -2^0 + 2^3 + 4^0 - 4^1 + 10^2 = -20 + 23 + 40 - 41 + 102 \\
 104 &:= 1^8 - 2^7 - 11^1 + 11^2 + 11^2 = 18 - 27 - 111 + 112 + 112 & 104 &:= -2^0 + 2^4 + 2^6 + 3^2 + 4^2 = -20 + 24 + 26 + 32 + 42 \\
 104 &:= -1^8 - 3^1 - 4^0 + 9^1 + 10^2 = -18 - 31 - 40 + 91 + 102 & 104 &:= 2^0 + 2^7 + 3^0 - 3^3 + 6^0 = 20 + 27 + 30 - 33 + 60 \\
 104 &:= -1^8 - 4^0 - 4^1 + 10^1 + 10^2 = -18 - 40 - 41 + 101 + 102 & 104 &:= 2^0 + 2^7 - 3^3 + 4^0 + 5^0 = 20 + 27 - 33 + 40 + 50 \\
 104 &:= -1^8 - 4^0 - 5^1 + 10^2 + 11^1 = -18 - 40 - 51 + 102 + 111 & 104 &:= -2^0 + 3^1 + 3^1 - 4^0 + 10^2 = -20 + 31 + 31 - 40 + 102 \\
 104 &:= 1^9 + 1^9 + 2^7 - 6^2 + 10^1 = 19 + 19 + 27 - 62 + 101 & 104 &:= -2^0 + 3^3 + 4^0 - 4^1 + 9^2 = -20 + 33 + 40 - 41 + 92 \\
 104 &:= -1^9 + 2^0 - 2^2 + 2^3 + 10^2 = -19 + 20 - 22 + 23 + 102 & 104 &:= 2^0 + 3^4 + 4^0 - 10^2 + 11^2 = 20 + 34 + 40 - 102 + 112 \\
 104 &:= -1^9 + 2^0 - 2^2 + 3^3 + 9^2 = -19 + 20 - 22 + 33 + 92 & 104 &:= -2^0 + 4^3 + 4^4 - 6^3 + 10^0 = -20 + 43 + 44 - 63 + 100 \\
 104 &:= -1^9 + 2^0 - 5^0 + 5^1 + 10^2 = -19 + 20 - 50 + 51 + 102 & 104 &:= 2^0 + 4^3 + 7^2 + 8^0 - 11^1 = 20 + 43 + 72 + 80 - 111 \\
 104 &:= -1^9 + 2^2 - 5^2 + 5^3 + 10^0 = -19 + 22 - 52 + 53 + 100 & 104 &:= -2^0 + 4^3 + 7^2 - 9^1 + 10^0 = -20 + 43 + 72 - 91 + 100 \\
 104 &:= -1^9 + 2^3 + 4^0 - 5^2 + 11^2 = -19 + 23 + 40 - 52 + 112 & 104 &:= -2^0 - 2^9 - 4^2 + 8^3 + 11^2 = -20 - 29 - 42 + 83 + 112 \\
 104 &:= -1^9 + 2^4 + 2^4 + 3^2 + 4^3 = -19 + 24 + 24 + 32 + 43 & 104 &:= 2^1 + 2^1 + 3^0 - 7^0 + 10^2 = 21 + 21 + 30 - 70 + 102 \\
 104 &:= -1^9 + 3^0 + 5^1 - 6^0 + 10^2 = -19 + 30 + 51 - 60 + 102 & 104 &:= 2^1 + 2^1 + 4^0 - 8^0 + 10^2 = 21 + 21 + 40 - 80 + 102 \\
 104 &:= -1^9 + 3^2 + 4^0 - 5^1 + 10^2 = -19 + 32 + 40 - 51 + 102 & 104 &:= 2^1 + 2^1 + 5^0 - 9^0 + 10^2 = 21 + 21 + 50 - 90 + 102 \\
 104 &:= 1^9 + 3^4 + 4^0 - 4^1 + 5^2 = 19 + 34 + 40 - 41 + 52 & 104 &:= 2^1 + 2^1 + 6^0 - 10^0 + 10^2 = 21 + 21 + 60 - 100 + 102 \\
 104 &:= -1^9 + 4^0 + 5^1 - 7^0 + 10^2 = -19 + 40 + 51 - 70 + 102 & 104 &:= 2^1 + 2^1 + 7^0 + 10^2 - 11^0 = 21 + 21 + 70 + 102 - 110 \\
 104 &:= 1^9 + 4^1 + 6^2 + 8^2 - 10^0 = 19 + 41 + 62 + 82 - 100 & 104 &:= -2^1 + 2^2 - 3^0 + 3^1 + 10^2 = -21 + 22 - 30 + 31 + 102 \\
 104 &:= -1^9 + 4^3 + 6^0 - 9^2 + 11^2 = -19 + 43 + 60 - 92 + 112 & 104 &:= -2^1 + 2^2 - 4^1 + 5^2 + 9^2 = -21 + 22 - 41 + 52 + 92 \\
 104 &:= -1^9 + 4^4 + 6^0 - 6^3 + 8^2 = -19 + 44 + 60 - 63 + 82 & 104 &:= -2^1 + 2^3 - 8^2 + 9^2 + 9^2 = -21 + 23 - 82 + 92 + 92 \\
 104 &:= -1^9 + 5^0 + 5^1 - 8^0 + 10^2 = -19 + 50 + 51 - 80 + 102 & 104 &:= -2^1 + 2^4 + 10^2 + 11^0 - 11^1 = -21 + 24 + 102 + 110 - 111 \\
 104 &:= -1^9 + 5^1 + 6^0 - 9^0 + 10^2 = -19 + 51 + 60 - 90 + 102 & 104 &:= -2^1 + 2^4 + 5^1 - 6^2 + 11^2 = -21 + 24 + 51 - 62 + 112 \\
 104 &:= -1^9 + 5^1 + 7^0 - 10^0 + 10^2 = -19 + 51 + 70 - 100 + 102 & 104 &:= -2^1 + 2^4 + 5^3 - 6^2 + 11^0 = -21 + 24 + 53 - 62 + 110
 \end{aligned}$$

$$\begin{array}{ll}
 104 := -2^1 + 2^7 - 3^3 + 4^1 + 9^0 & = -21 + 27 - 33 + 41 + 90 \\
 104 := 2^1 + 3^0 + 3^2 - 8^1 + 10^2 & = 21 + 30 + 32 - 81 + 102 \\
 104 := 2^1 + 3^0 - 3^3 + 4^3 + 4^3 & = 21 + 30 - 33 + 43 + 43 \\
 104 := -2^1 + 3^3 + 10^2 + 10^2 - 11^2 & = -21 + 33 + 102 + 102 - 112 \\
 104 := -2^1 + 3^3 - 7^2 + 8^2 + 8^2 & = -21 + 33 - 72 + 82 + 82 \\
 104 := -2^1 + 3^4 + 8^1 - 8^2 + 9^2 & = -21 + 34 + 81 - 82 + 92 \\
 104 := -2^1 + 3^4 - 4^3 + 5^2 + 8^2 & = -21 + 34 - 43 + 52 + 82 \\
 104 := -2^1 + 4^2 + 9^2 + 10^1 - 11^0 & = -21 + 42 + 92 + 101 - 110 \\
 104 := -2^1 + 4^6 + 6^1 - 8^4 + 10^2 & = -21 + 46 + 61 - 84 + 102 \\
 104 := 2^1 + 5^0 + 5^2 + 5^3 - 7^2 & = 21 + 50 + 52 + 53 - 72 \\
 104 := -2^1 + 6^2 + 7^1 + 8^2 - 9^0 & = -21 + 62 + 71 + 82 - 90 \\
 104 := -2^1 + 7^2 + 7^2 + 9^1 - 11^0 & = -21 + 72 + 72 + 91 - 110 \\
 104 := -2^1 - 2^1 + 2^2 + 2^2 + 10^2 & = -21 - 21 + 22 + 22 + 102 \\
 104 := -2^1 - 2^3 + 2^6 + 5^0 + 7^2 & = -21 - 23 + 26 + 50 + 72 \\
 104 := -2^1 - 2^4 + 2^5 + 3^2 + 9^2 & = -21 - 24 + 25 + 32 + 92 \\
 104 := -2^1 - 2^5 + 2^6 + 5^2 + 7^2 & = -21 - 25 + 26 + 52 + 72 \\
 104 := 2^1 - 2^5 + 2^7 + 3^0 + 5^1 & = 21 - 25 + 27 + 30 + 51 \\
 104 := 2^1 - 2^6 + 3^4 + 3^4 + 4^1 & = 21 - 26 + 34 + 34 + 41 \\
 104 := 2^1 - 3^0 - 3^0 + 4^1 + 10^2 & = 21 - 30 - 30 + 41 + 102 \\
 104 := 2^1 - 3^0 - 3^1 + 5^2 + 9^2 & = 21 - 30 - 31 + 52 + 92 \\
 104 := -2^2 + 2^4 - 5^2 + 6^2 + 9^2 & = -22 + 24 - 52 + 62 + 92 \\
 104 := -2^2 + 2^4 - 6^2 + 8^2 + 8^2 & = -22 + 24 - 62 + 82 + 82 \\
 104 := -2^2 + 2^5 - 3^2 + 4^1 + 9^2 & = -22 + 25 - 32 + 41 + 92 \\
 104 := -2^2 + 2^5 - 6^1 + 7^0 + 9^2 & = -22 + 25 - 61 + 70 + 92 \\
 104 := -2^2 + 2^7 + 4^1 - 4^5 + 10^3 & = -22 + 27 + 41 - 45 + 103 \\
 104 := -2^2 + 2^7 + 4^1 - 5^2 + 11^0 & = -22 + 27 + 41 - 52 + 110 \\
 104 := -2^2 + 2^7 - 3^5 + 6^3 + 7^1 & = -22 + 27 - 35 + 63 + 71 \\
 104 := -2^2 + 3^2 - 5^0 + 6^2 + 8^2 & = -22 + 32 - 50 + 62 + 82 \\
 104 := -2^2 + 3^3 + 6^4 - 6^5 + 9^4 & = -22 + 33 + 64 - 65 + 94 \\
 104 := -2^2 + 3^3 - 4^1 + 6^2 + 7^2 & = -22 + 33 - 41 + 62 + 72 \\
 104 := -2^2 + 3^4 + 3^4 - 4^3 + 10^1 & = -22 + 34 + 34 - 43 + 101 \\
 104 := -2^2 + 3^6 + 8^1 - 9^3 + 10^2 & = -22 + 36 + 81 - 93 + 102 \\
 104 := 2^2 + 4^1 + 6^3 + 9^0 - 11^2 & = 22 + 41 + 63 + 90 - 112 \\
 104 := -2^2 + 4^3 + 6^2 - 7^0 + 9^1 & = -22 + 43 + 62 - 70 + 91 \\
 104 := 2^2 - 2^2 + 2^6 - 3^4 + 11^2 & = 22 - 22 + 26 - 34 + 112 \\
 104 := 2^2 - 3^0 - 10^1 + 10^2 + 11^1 & = 22 - 30 - 101 + 102 + 111 \\
 104 := 2^2 - 3^0 - 3^1 + 4^1 + 10^2 & = 22 - 30 - 31 + 41 + 102 \\
 104 := 2^2 - 3^0 - 4^1 + 5^1 + 10^2 & = 22 - 30 - 41 + 51 + 102 \\
 104 := 2^2 - 3^0 - 4^2 + 6^2 + 9^2 & = 22 - 30 - 42 + 62 + 92 \\
 104 := 2^2 - 3^0 - 5^1 + 6^1 + 10^2 & = 22 - 30 - 51 + 61 + 102 \\
 104 := 2^2 - 3^0 - 6^1 + 7^1 + 10^2 & = 22 - 30 - 61 + 71 + 102 \\
 104 := 2^2 - 3^0 - 7^1 + 8^1 + 10^2 & = 22 - 30 - 71 + 81 + 102 \\
 104 := 2^2 - 3^0 - 8^1 + 9^1 + 10^2 & = 22 - 30 - 81 + 91 + 102 \\
 104 := 2^2 - 3^0 - 9^1 + 10^1 + 10^2 & = 22 - 30 - 91 + 101 + 102 \\
 104 := 2^2 - 3^1 - 3^1 + 5^2 + 9^2 & = 22 - 31 - 31 + 52 + 92 \\
 104 := -2^2 - 3^2 + 3^3 + 3^4 + 9^1 & = -22 - 32 + 33 + 34 + 91 \\
 104 := 2^3 + 2^4 + 2^5 - 4^0 + 7^2 & = 23 + 24 + 25 - 40 + 72 \\
 104 := -2^3 + 2^4 - 4^1 + 6^2 + 8^2 & = -23 + 24 - 41 + 62 + 82 \\
 104 := 2^3 + 2^5 + 2^6 - 3^0 + 6^0 & = 23 + 25 + 26 - 30 + 60 \\
 104 := 2^3 + 2^5 + 2^6 - 4^0 + 7^0 & = 23 + 25 + 26 - 40 + 70 \\
 104 := 2^3 + 2^5 + 2^6 - 5^0 + 8^0 & = 23 + 25 + 26 - 50 + 80 \\
 104 := 2^3 + 2^5 + 2^6 - 6^0 + 9^0 & = 23 + 25 + 26 - 60 + 90 \\
 104 := 2^3 + 2^5 + 2^6 - 7^0 + 10^0 & = 23 + 25 + 26 - 70 + 100 \\
 104 := 2^3 + 2^5 + 2^6 - 8^0 + 11^0 & = 23 + 25 + 26 - 80 + 110 \\
 104 := -2^3 + 2^5 - 3^2 + 5^2 + 8^2 & = -23 + 25 - 32 + 52 + 82 \\
 104 := -2^3 + 2^6 + 8^1 - 9^2 + 11^2 & = -23 + 26 + 81 - 92 + 112 \\
 104 := -2^3 + 2^7 + 8^2 - 9^2 + 11^0 & = -23 + 27 + 82 - 92 + 110 \\
 104 := 2^3 + 3^0 + 4^1 - 5^3 + 6^3 & = 23 + 30 + 41 - 53 + 63 \\
 104 := 2^3 - 2^4 + 2^7 - 3^3 + 11^1 & = 23 - 24 + 27 - 33 + 111 \\
 104 := -2^3 - 3^0 + 3^4 + 5^2 + 7^1 & = -23 - 30 + 34 + 52 + 71 \\
 104 := 2^3 - 3^0 - 4^1 + 5^0 + 10^2 & = 23 - 30 - 41 + 50 + 102 \\
 104 := 2^3 - 3^2 - 5^0 + 6^1 + 10^2 & = 23 - 32 - 50 + 61 + 102 \\
 104 := 2^3 - 4^0 - 4^1 + 6^0 + 10^2 & = 23 - 40 - 41 + 60 + 102 \\
 104 := 2^3 - 4^1 - 5^0 + 7^0 + 10^2 & = 23 - 41 - 50 + 70 + 102 \\
 104 := 2^3 - 4^1 - 6^0 + 8^0 + 10^2 & = 23 - 41 - 60 + 80 + 102 \\
 104 := 2^3 - 4^1 - 7^0 + 9^0 + 10^2 & = 23 - 41 - 70 + 90 + 102 \\
 104 := 2^3 - 4^1 - 8^0 + 10^0 + 10^2 & = 23 - 41 - 80 + 100 + 102 \\
 104 := 2^3 - 4^1 - 9^0 + 10^2 + 11^0 & = 23 - 41 - 90 + 102 + 110 \\
 104 := -2^4 + 2^5 - 7^0 + 8^1 + 9^2 & = -24 + 25 - 70 + 81 + 92 \\
 104 := -2^4 + 2^7 + 9^2 - 10^2 + 11^1 & = -24 + 27 + 92 - 102 + 111 \\
 104 := -2^4 + 2^7 - 5^3 + 6^2 + 9^2 & = -24 + 27 - 53 + 62 + 92 \\
 104 := 2^4 - 2^5 + 2^7 - 3^2 + 11^0 & = 24 - 25 + 27 - 32 + 110 \\
 104 := -2^4 - 2^6 - 4^0 + 8^2 + 11^2 & = -24 - 26 - 40 + 82 + 112 \\
 104 := 2^4 - 3^1 + 6^1 - 6^2 + 11^2 & = 24 - 31 + 61 - 62 + 112 \\
 104 := 2^4 - 3^1 - 10^1 + 10^2 + 11^0 & = 24 - 31 - 101 + 102 + 110 \\
 104 := 2^4 - 3^2 - 3^2 + 5^2 + 9^2 & = 24 - 32 - 32 + 52 + 92
 \end{array}$$

$104 := 2^4 - 3^2 - 4^2 + 7^2 + 8^2$	$= 24 - 32 - 42 + 72 + 82$	$104 := 2^7 - 3^4 - 8^1 + 8^2 + 11^0$	$= 27 - 34 - 81 + 82 + 110$
$104 := 2^4 - 3^4 - 7^0 + 7^2 + 11^2$	$= 24 - 34 - 70 + 72 + 112$	$104 := 2^7 - 4^2 - 10^1 + 11^0 + 11^0$	$= 27 - 42 - 101 + 110 + 110$
$104 := -2^4 - 3^8 - 4^0 + 9^4 + 11^2$	$= -24 - 38 - 40 + 94 + 112$	$104 := 2^7 - 4^2 - 4^2 + 7^1 + 9^0$	$= 27 - 42 - 42 + 71 + 90$
$104 := 2^4 - 4^1 - 6^2 + 7^1 + 11^2$	$= 24 - 41 - 62 + 71 + 112$	$104 := 2^7 - 4^3 - 5^2 + 8^2 + 9^0$	$= 27 - 43 - 52 + 82 + 90$
$104 := 2^4 - 4^1 - 9^1 + 10^2 + 11^0$	$= 24 - 41 - 91 + 102 + 110$	$104 := 2^8 + 2^9 - 3^6 + 4^0 + 4^3$	$= 28 + 29 - 36 + 40 + 43$
$104 := 2^4 - 4^3 - 5^1 + 6^2 + 11^2$	$= 24 - 43 - 51 + 62 + 112$	$104 := 2^8 - 3^5 + 6^1 - 6^2 + 11^2$	$= 28 - 35 + 61 - 62 + 112$
$104 := 2^4 - 5^1 - 6^2 + 8^1 + 11^2$	$= 24 - 51 - 62 + 81 + 112$	$104 := 2^8 - 3^5 - 10^1 + 10^2 + 11^0$	$= 28 - 35 - 101 + 102 + 110$
$104 := 2^4 - 5^1 - 8^1 + 10^2 + 11^0$	$= 24 - 51 - 81 + 102 + 110$	$104 := -2^8 - 3^5 - 3^6 + 9^0 + 11^3$	$= -28 - 35 - 36 + 90 + 113$
$104 := 2^4 - 5^3 - 8^1 + 10^2 + 11^2$	$= 24 - 53 - 81 + 102 + 112$	$104 := -2^8 - 3^6 + 4^3 + 4^5 + 8^0$	$= -28 - 36 + 43 + 45 + 80$
$104 := 2^4 - 6^1 - 6^2 + 9^1 + 11^2$	$= 24 - 61 - 62 + 91 + 112$	$104 := 2^8 - 3^6 - 6^3 + 8^2 + 9^3$	$= 28 - 36 - 63 + 82 + 93$
$104 := 2^4 - 6^1 - 7^1 + 10^2 + 11^0$	$= 24 - 61 - 71 + 102 + 110$	$104 := 2^8 - 4^3 - 10^2 + 11^0 + 11^1$	$= 28 - 43 - 102 + 110 + 111$
$104 := 2^4 - 6^2 - 7^1 + 10^1 + 11^2$	$= 24 - 62 - 71 + 101 + 112$	$104 := 2^8 - 4^3 - 5^3 + 6^2 + 11^0$	$= 28 - 43 - 53 + 62 + 110$
$104 := 2^4 - 6^2 - 8^1 + 11^1 + 11^2$	$= 24 - 62 - 81 + 111 + 112$	$104 := 2^8 - 5^3 - 6^2 + 8^1 + 11^0$	$= 28 - 53 - 62 + 81 + 110$
$104 := 2^5 + 2^5 + 2^6 - 5^2 + 8^0$	$= 25 + 25 + 26 - 52 + 80$	$104 := -2^9 + 5^4 + 8^0 + 11^0 - 11^1$	$= -29 + 54 + 80 + 110 - 111$
$104 := 2^5 + 2^5 - 4^0 + 4^2 + 5^2$	$= 25 + 25 - 40 + 42 + 52$	$104 := -2^9 + 5^4 + 9^0 + 10^0 - 11^1$	$= -29 + 54 + 90 + 100 - 111$
$104 := -2^5 + 2^6 - 7^0 + 8^2 + 9^1$	$= -25 + 26 - 70 + 82 + 91$	$104 := -2^9 - 4^2 + 5^4 + 6^0 + 6^1$	$= -29 - 42 + 54 + 60 + 61$
$104 := -2^5 + 2^7 + 3^0 + 3^1 + 4^1$	$= -25 + 27 + 30 + 31 + 41$	$104 := 3^0 + 3^0 + 3^4 - 10^2 + 11^2$	$= 30 + 30 + 34 - 102 + 112$
$104 := 2^5 - 3^2 - 5^2 + 6^1 + 10^2$	$= 25 - 32 - 52 + 61 + 102$	$104 := 3^0 + 3^1 + 3^2 - 9^1 + 10^2$	$= 30 + 31 + 32 - 91 + 102$
$104 := 2^5 - 4^1 - 5^2 + 7^0 + 10^2$	$= 25 - 41 - 52 + 70 + 102$	$104 := -3^0 + 3^1 - 4^1 + 5^2 + 9^2$	$= -30 + 31 - 41 + 52 + 92$
$104 := 2^5 - 4^3 - 7^2 + 8^2 + 11^2$	$= 25 - 43 - 72 + 82 + 112$	$104 := 3^0 + 3^2 + 4^1 - 10^1 + 10^2$	$= 30 + 32 + 41 - 101 + 102$
$104 := 2^5 - 4^3 - 8^2 + 10^2 + 10^2$	$= 25 - 43 - 82 + 102 + 102$	$104 := 3^0 + 3^2 + 5^1 + 10^2 - 11^1$	$= 30 + 32 + 51 + 102 - 111$
$104 := -2^6 + 2^7 + 4^5 - 5^6 + 11^4$	$= -26 + 27 + 45 - 56 + 114$	$104 := 3^0 + 3^2 + 5^1 + 5^3 - 6^2$	$= 30 + 32 + 51 + 53 - 62$
$104 := 2^6 + 2^8 + 6^0 + 8^3 - 9^3$	$= 26 + 28 + 60 + 83 - 93$	$104 := -3^0 + 3^2 - 7^2 + 8^2 + 9^2$	$= -30 + 32 - 72 + 82 + 92$
$104 := -2^6 + 3^1 + 3^1 + 3^4 + 3^4$	$= -26 + 31 + 31 + 34 + 34$	$104 := -3^0 + 3^3 + 6^1 - 7^2 + 11^2$	$= -30 + 33 + 61 - 72 + 112$
$104 := 2^6 + 3^1 - 3^1 - 3^4 + 11^2$	$= 26 + 31 - 31 - 34 + 112$	$104 := -3^0 + 3^3 - 4^1 + 5^0 + 9^2$	$= -30 + 33 - 41 + 50 + 92$
$104 := 2^6 - 3^2 - 4^2 + 7^0 + 8^2$	$= 26 - 32 - 42 + 70 + 82$	$104 := -3^0 + 4^1 - 5^1 + 5^2 + 9^2$	$= -30 + 41 - 51 + 52 + 92$
$104 := 2^6 - 3^2 - 4^6 + 7^2 + 8^4$	$= 26 - 32 - 46 + 72 + 84$	$104 := -3^0 + 4^2 + 5^2 - 6^2 + 10^2$	$= -30 + 42 + 52 - 62 + 102$
$104 := 2^6 - 5^2 - 6^2 + 9^0 + 10^2$	$= 26 - 52 - 62 + 90 + 102$	$104 := -3^0 + 4^2 + 7^2 - 9^2 + 11^2$	$= -30 + 42 + 72 - 92 + 112$
$104 := 2^7 + 3^0 + 3^0 - 3^3 + 5^0$	$= 27 + 30 + 30 - 33 + 50$	$104 := -3^0 + 4^3 + 4^4 - 6^3 + 11^0$	$= -30 + 43 + 44 - 63 + 110$
$104 := 2^7 + 3^0 - 3^3 + 4^0 + 4^0$	$= 27 + 30 - 33 + 40 + 40$	$104 := 3^0 + 4^3 + 7^0 + 7^2 - 11^1$	$= 30 + 43 + 70 + 72 - 111$
$104 := 2^7 - 3^1 - 3^3 + 5^1 + 9^0$	$= 27 - 31 - 33 + 51 + 90$	$104 := -3^0 + 4^3 + 7^2 - 9^1 + 11^0$	$= -30 + 43 + 72 - 91 + 110$
$104 := 2^7 - 3^2 - 5^2 + 7^0 + 9^1$	$= 27 - 32 - 52 + 70 + 91$	$104 := -3^0 + 5^1 + 5^2 - 6^1 + 9^2$	$= -30 + 51 + 52 - 61 + 92$
$104 := 2^7 - 3^3 + 9^0 - 9^1 + 11^1$	$= 27 - 33 + 90 - 91 + 111$	$104 := -3^0 + 5^2 + 6^1 - 7^1 + 9^2$	$= -30 + 52 + 61 - 71 + 92$
$104 := 2^7 - 3^3 - 4^1 + 6^1 + 9^0$	$= 27 - 33 - 41 + 61 + 90$	$104 := -3^0 + 5^2 + 7^1 - 8^1 + 9^2$	$= -30 + 52 + 71 - 81 + 92$
$104 := 2^7 - 3^3 - 5^1 + 7^1 + 9^0$	$= 27 - 33 - 51 + 71 + 90$	$104 := -3^0 + 5^2 + 8^1 - 9^1 + 9^2$	$= -30 + 52 + 81 - 91 + 92$
$104 := 2^7 - 3^3 - 6^1 + 8^1 + 9^0$	$= 27 - 33 - 61 + 81 + 90$	$104 := -3^0 + 5^2 + 9^1 + 9^2 - 10^1$	$= -30 + 52 + 91 + 92 - 101$
$104 := 2^7 - 3^3 - 7^1 + 9^0 + 9^1$	$= 27 - 33 - 71 + 90 + 91$	$104 := -3^0 + 5^2 + 9^2 + 10^1 - 11^1$	$= -30 + 52 + 92 + 101 - 111$
$104 := 2^7 - 3^3 - 8^1 + 9^0 + 10^1$	$= 27 - 33 - 81 + 90 + 101$	$104 := -3^0 - 3^0 + 3^1 + 3^1 + 10^2$	$= -30 - 30 + 31 + 31 + 102$

$$\begin{aligned}
 104 &:= -3^1 + 3^4 - 8^2 + 9^1 + 9^2 = -31 + 34 - 82 + 91 + 92 & 104 &:= -4^1 + 4^6 + 8^1 - 8^4 + 10^2 = -41 + 46 + 81 - 84 + 102 \\
 104 &:= -3^1 + 4^2 + 9^2 - 11^0 + 11^1 = -31 + 42 + 92 - 110 + 111 & 104 &:= -4^1 + 6^2 + 8^2 - 9^0 + 9^1 = -41 + 62 + 82 - 90 + 91 \\
 104 &:= -3^1 + 4^6 + 7^1 - 8^4 + 10^2 = -31 + 46 + 71 - 84 + 102 & 104 &:= -4^1 + 7^2 + 7^2 - 11^0 + 11^1 = -41 + 72 + 72 - 110 + 111 \\
 104 &:= -3^1 + 6^2 + 8^1 + 8^2 - 9^0 = -31 + 62 + 81 + 82 - 90 & 104 &:= -4^2 + 4^3 - 5^0 + 7^2 + 8^1 = -42 + 43 - 50 + 72 + 81 \\
 104 &:= -3^1 + 7^2 + 7^2 + 10^1 - 11^0 = -31 + 72 + 72 + 101 - 110 & 104 &:= -4^2 - 5^0 + 6^2 + 6^2 + 7^2 = -42 - 50 + 62 + 62 + 72 \\
 104 &:= -3^1 - 3^2 + 3^3 + 5^2 + 8^2 = -31 - 32 + 33 + 52 + 82 & 104 &:= 4^3 + 5^0 + 5^0 + 7^2 - 11^1 = 43 + 50 + 50 + 72 - 111 \\
 104 &:= -3^2 + 3^3 - 5^0 + 6^1 + 9^2 = -32 + 33 - 50 + 61 + 92 & 104 &:= 4^3 - 4^4 - 5^0 + 6^3 + 9^2 = 43 - 44 - 50 + 63 + 92 \\
 104 &:= -3^2 + 4^2 - 5^0 + 7^2 + 7^2 = -32 + 42 - 50 + 72 + 72 & 104 &:= 4^3 - 5^0 - 7^2 + 9^1 + 9^2 = 43 - 50 - 72 + 91 + 92 \\
 104 &:= -3^2 - 5^0 + 5^2 + 5^2 + 8^2 = -32 - 50 + 52 + 52 + 82 & 104 &:= 4^6 - 5^1 - 8^4 + 9^1 + 10^2 = 46 - 51 - 84 + 91 + 102 \\
 104 &:= 3^3 - 4^0 - 4^1 + 6^0 + 9^2 = 33 - 40 - 41 + 60 + 92 & 104 &:= 4^6 - 6^1 - 8^4 + 10^1 + 10^2 = 46 - 61 - 84 + 101 + 102 \\
 104 &:= 3^3 - 4^1 - 5^0 + 7^0 + 9^2 = 33 - 41 - 50 + 70 + 92 & 104 &:= 4^6 - 7^1 - 8^4 + 10^2 + 11^1 = 46 - 71 - 84 + 102 + 111 \\
 104 &:= 3^3 - 4^1 - 6^0 + 8^0 + 9^2 = 33 - 41 - 60 + 80 + 92 & 104 &:= -4^7 + 6^5 + 6^5 - 8^2 + 10^3 = -47 + 65 + 65 - 82 + 103 \\
 104 &:= 3^3 - 4^1 - 7^0 + 9^0 + 9^2 = 33 - 41 - 70 + 90 + 92 & 104 &:= 4^9 - 5^2 + 8^1 - 8^6 + 11^2 = 49 - 52 + 81 - 86 + 112 \\
 104 &:= 3^3 - 4^1 - 8^0 + 9^2 + 10^0 = 33 - 41 - 80 + 92 + 100 & 104 &:= -5^0 + 8^2 + 9^2 + 9^2 - 11^2 = -50 + 82 + 92 + 92 - 112 \\
 104 &:= 3^3 - 4^1 - 9^0 + 9^2 + 11^0 = 33 - 41 - 90 + 92 + 110 & 104 &:= -5^1 + 6^2 + 8^2 - 9^0 + 10^1 = -51 + 62 + 82 - 90 + 101 \\
 104 &:= -3^4 + 3^8 + 8^2 - 9^4 + 11^2 = -34 + 38 + 82 - 94 + 112 & 104 &:= -5^5 + 7^4 + 9^3 + 10^2 - 11^0 = -55 + 74 + 93 + 102 - 110 \\
 104 &:= 3^4 - 3^5 + 4^4 - 5^0 + 11^1 = 34 - 35 + 44 - 50 + 111 & 104 &:= -6^1 + 6^2 + 8^2 - 9^0 + 11^1 = -61 + 62 + 82 - 90 + 111 \\
 104 &:= 3^4 - 4^1 - 8^2 + 9^2 + 10^1 = 34 - 41 - 82 + 92 + 101 & 104 &:= 8^3 + 12^1 + 16^2 - 26^2 = 83 + 121 + 162 - 262 \\
 104 &:= 3^4 - 4^3 - 5^0 + 7^1 + 9^2 = 34 - 43 - 50 + 71 + 92 & 104 &:= 9^1 + 9^2 + 15^1 - 23^0 = 91 + 92 + 151 - 230 \\
 104 &:= 3^4 - 5^1 - 8^2 + 9^2 + 11^1 = 34 - 51 - 82 + 92 + 111 & 104 &:= 9^2 + 10^1 + 14^1 - 23^0 = 92 + 101 + 141 - 230 \\
 104 &:= 3^6 - 3^7 + 4^4 - 5^2 + 11^3 = 36 - 37 + 44 - 52 + 113 & 104 &:= 9^2 + 11^1 + 13^1 - 23^0 = 92 + 111 + 131 - 230 \\
 104 &:= 3^6 - 4^5 - 5^2 + 7^3 + 9^2 = 36 - 45 - 52 + 73 + 92 & 104 &:= 9^2 + 12^1 + 12^1 - 23^0 = 92 + 121 + 121 - 230 \\
 104 &:= 3^6 - 4^8 - 5^4 + 8^5 + 8^5 = 36 - 48 - 54 + 85 + 85 \\
 104 &:= 4^0 + 4^3 + 6^0 + 7^2 - 11^1 = 40 + 43 + 60 + 72 - 111
 \end{aligned}$$

2.2.6 Number 105

$$\begin{aligned}
 105 &:= 1^4 + 2^3 + 2^5 + 4^3 = 14 + 23 + 25 + 43 \\
 105 &:= 1^0 + 2^2 + 2^2 + 2^5 + 2^6 = 10 + 22 + 22 + 25 + 26
 \end{aligned}$$

2.2.7 Number 106

$$\begin{aligned}
 106 &:= 1^2 + 2^0 + 2^3 + 2^5 + 2^6 = 12 + 20 + 23 + 25 + 26 & 106 &:= 1^5 + 1^7 + 2^3 + 2^5 + 2^6 = 15 + 17 + 23 + 25 + 26 \\
 106 &:= 1^3 + 1^9 + 2^3 + 2^5 + 2^6 = 13 + 19 + 23 + 25 + 26 & 106 &:= 1^6 + 1^6 + 2^3 + 2^5 + 2^6 = 16 + 16 + 23 + 25 + 26 \\
 106 &:= 1^4 + 1^8 + 2^3 + 2^5 + 2^6 = 14 + 18 + 23 + 25 + 26
 \end{aligned}$$

2.2.8 Number 107

$$\begin{aligned}
 107 &:= 1^7 + 2^4 + 3^2 + 3^4 = 17 + 24 + 32 + 34 & 107 &:= 1^0 + 1^4 + 2^5 + 2^6 + 3^2 = 10 + 14 + 25 + 26 + 32 \\
 107 &:= 2^4 + 2^5 + 2^5 + 3^3 = 24 + 25 + 25 + 33 & 107 &:= 1^0 + 1^6 + 2^3 + 2^4 + 3^4 = 10 + 16 + 23 + 24 + 34
 \end{aligned}$$

$$107 := 1^1 + 1^3 + 2^5 + 2^6 + 3^2 = 11 + 13 + 25 + 26 + 32$$

$$107 := 1^1 + 1^5 + 2^3 + 2^4 + 3^4 = 11 + 15 + 23 + 24 + 34$$

$$107 := 1^2 + 1^2 + 2^5 + 2^6 + 3^2 = 12 + 12 + 25 + 26 + 32$$

$$107 := 1^2 + 1^4 + 2^3 + 2^4 + 3^4 = 12 + 14 + 23 + 24 + 34$$

$$107 := 1^2 + 2^1 + 2^3 + 2^5 + 2^6 = 12 + 21 + 23 + 25 + 26$$

$$107 := 1^3 + 1^3 + 2^3 + 2^4 + 3^4 = 13 + 13 + 23 + 24 + 34$$

2.2.9 Number 108

$$108 := 1^0 + 1^2 + 3^4 + 5^2 = 10 + 12 + 34 + 52$$

$$108 := 1^1 + 1^1 + 3^4 + 5^2 = 11 + 11 + 34 + 52$$

2.2.10 Number 109

$$109 := 1^0 + 1^6 + 2^4 + 2^6 + 3^3 = 10 + 16 + 24 + 26 + 33$$

$$109 := 1^1 + 1^5 + 2^4 + 2^6 + 3^3 = 11 + 15 + 24 + 26 + 33$$

$$109 := 1^2 + 1^4 + 2^4 + 2^6 + 3^3 = 12 + 14 + 24 + 26 + 33$$

$$109 := 1^3 + 1^3 + 2^4 + 2^6 + 3^3 = 13 + 13 + 24 + 26 + 33$$

$$109 := 1^3 + 2^2 + 2^3 + 2^5 + 2^6 = 13 + 22 + 23 + 25 + 26$$

2.2.11 Number 110

$$110 := 1^3 + 3^0 + 3^3 + 3^4 = 13 + 30 + 33 + 34$$

2.2.12 Number 111

$$111 := 1^0 + 1^4 + 2^0 + 3^3 + 3^4 = 10 + 14 + 20 + 33 + 34$$

$$111 := 1^0 + 1^5 + 1^9 + 3^3 + 3^4 = 10 + 15 + 19 + 33 + 34$$

$$111 := 1^0 + 1^6 + 1^8 + 3^3 + 3^4 = 10 + 16 + 18 + 33 + 34$$

$$111 := 1^0 + 1^7 + 1^7 + 3^3 + 3^4 = 10 + 17 + 17 + 33 + 34$$

$$111 := 1^1 + 1^3 + 2^0 + 3^3 + 3^4 = 11 + 13 + 20 + 33 + 34$$

$$111 := 1^1 + 1^4 + 1^9 + 3^3 + 3^4 = 11 + 14 + 19 + 33 + 34$$

$$111 := 1^1 + 1^5 + 1^8 + 3^3 + 3^4 = 11 + 15 + 18 + 33 + 34$$

$$111 := 1^1 + 1^6 + 1^7 + 3^3 + 3^4 = 11 + 16 + 17 + 33 + 34$$

$$111 := 1^2 + 1^2 + 2^0 + 3^3 + 3^4 = 12 + 12 + 20 + 33 + 34$$

$$111 := 1^2 + 1^3 + 1^9 + 3^3 + 3^4 = 12 + 13 + 19 + 33 + 34$$

$$111 := 1^2 + 1^4 + 1^8 + 3^3 + 3^4 = 12 + 14 + 18 + 33 + 34$$

$$111 := 1^2 + 1^5 + 1^7 + 3^3 + 3^4 = 12 + 15 + 17 + 33 + 34$$

$$111 := 1^2 + 1^6 + 1^6 + 3^3 + 3^4 = 12 + 16 + 16 + 33 + 34$$

$$111 := 1^3 + 1^3 + 1^8 + 3^3 + 3^4 = 13 + 13 + 18 + 33 + 34$$

$$111 := 1^3 + 1^4 + 1^7 + 3^3 + 3^4 = 13 + 14 + 17 + 33 + 34$$

$$111 := 1^3 + 1^5 + 1^6 + 3^3 + 3^4 = 13 + 15 + 16 + 33 + 34$$

$$111 := 1^4 + 1^4 + 1^6 + 3^3 + 3^4 = 14 + 14 + 16 + 33 + 34$$

$$111 := 1^4 + 1^5 + 1^5 + 3^3 + 3^4 = 14 + 15 + 15 + 33 + 34$$

2.2.13 Number 112

$$112 := 1^4 + 3^1 + 3^3 + 3^4 = 14 + 31 + 33 + 34$$

$$112 := 1^0 + 1^4 + 2^1 + 3^3 + 3^4 = 10 + 14 + 21 + 33 + 34$$

$$112 := 1^1 + 1^3 + 2^1 + 3^3 + 3^4 = 11 + 13 + 21 + 33 + 34$$

$$112 := 1^2 + 1^2 + 2^1 + 3^3 + 3^4 = 12 + 12 + 21 + 33 + 34$$

2.2.14 Number 113

$$\begin{aligned}113 &:= 2^0 + 2^5 + 2^6 + 4^2 = 20 + 25 + 26 + 42 \\113 &:= 1^4 + 2^4 + 2^5 + 2^5 + 2^5 = 14 + 24 + 25 + 25 + 25 \\113 &:= 1^5 + 2^4 + 2^4 + 2^4 + 2^6 = 15 + 24 + 24 + 24 + 26\end{aligned}$$

$$113 := 1^6 + 2^3 + 2^3 + 2^5 + 2^6 = 16 + 23 + 23 + 25 + 26$$

2.2.15 Number 114

$$\begin{aligned}114 &:= 1^6 + 2^6 + 7^2 = 16 + 26 + 72 \\114 &:= 1^4 + 2^4 + 3^4 + 4^2 = 14 + 24 + 34 + 42 \\114 &:= 2^1 + 2^5 + 2^6 + 4^2 = 21 + 25 + 26 + 42 \\114 &:= 1^0 + 1^1 + 2^5 + 2^6 + 4^2 = 10 + 11 + 25 + 26 + 42 \\114 &:= 1^0 + 1^2 + 2^4 + 2^5 + 4^3 = 10 + 12 + 24 + 25 + 43 \\114 &:= 1^0 + 1^5 + 2^2 + 3^3 + 3^4 = 10 + 15 + 22 + 33 + 34\end{aligned}$$

$$\begin{aligned}114 &:= 1^0 + 2^3 + 2^3 + 2^4 + 3^4 = 10 + 23 + 23 + 24 + 34 \\114 &:= 1^1 + 1^1 + 2^4 + 2^5 + 4^3 = 11 + 11 + 24 + 25 + 43 \\114 &:= 1^1 + 1^4 + 2^2 + 3^3 + 3^4 = 11 + 14 + 22 + 33 + 34 \\114 &:= 1^2 + 1^3 + 2^2 + 3^3 + 3^4 = 12 + 13 + 22 + 33 + 34 \\114 &:= 1^9 + 2^0 + 2^4 + 2^5 + 2^6 = 19 + 20 + 24 + 25 + 26\end{aligned}$$

2.2.16 Number 115

$$\begin{aligned}115 &:= 1^6 + 2^5 + 3^4 + 4^0 = 16 + 25 + 34 + 40 \\115 &:= 1^3 + 2^0 + 2^4 + 2^4 + 3^4 = 13 + 20 + 24 + 24 + 34 \\115 &:= 1^4 + 1^9 + 2^4 + 2^4 + 3^4 = 14 + 19 + 24 + 24 + 34 \\115 &:= 1^5 + 1^8 + 2^4 + 2^4 + 3^4 = 15 + 18 + 24 + 24 + 34\end{aligned}$$

$$\begin{aligned}115 &:= 1^6 + 1^7 + 2^4 + 2^4 + 3^4 = 16 + 17 + 24 + 24 + 34 \\115 &:= 1^9 + 2^1 + 2^4 + 2^5 + 2^6 = 19 + 21 + 24 + 25 + 26\end{aligned}$$

2.2.17 Number 116

$$\begin{aligned}116 &:= 2^4 + 2^5 + 2^6 + 4^1 = 24 + 25 + 26 + 41 \\116 &:= 1^0 + 1^7 + 2^5 + 3^0 + 3^4 = 10 + 17 + 25 + 30 + 34 \\116 &:= 1^0 + 2^3 + 2^4 + 2^6 + 3^3 = 10 + 23 + 24 + 26 + 33 \\116 &:= 1^0 + 2^4 + 2^5 + 2^6 + 3^1 = 10 + 24 + 25 + 26 + 31 \\116 &:= 1^1 + 1^6 + 2^5 + 3^0 + 3^4 = 11 + 16 + 25 + 30 + 34 \\116 &:= 1^2 + 1^5 + 2^5 + 3^0 + 3^4 = 12 + 15 + 25 + 30 + 34\end{aligned}$$

$$\begin{aligned}116 &:= 1^3 + 1^4 + 2^5 + 3^0 + 3^4 = 13 + 14 + 25 + 30 + 34 \\116 &:= 1^3 + 2^1 + 2^4 + 2^4 + 3^4 = 13 + 21 + 24 + 24 + 34 \\116 &:= 1^7 + 2^0 + 2^0 + 2^5 + 3^4 = 17 + 20 + 20 + 25 + 34 \\116 &:= 1^8 + 1^9 + 2^0 + 2^5 + 3^4 = 18 + 19 + 20 + 25 + 34 \\116 &:= 1^9 + 1^9 + 1^9 + 2^5 + 3^4 = 19 + 19 + 19 + 25 + 34\end{aligned}$$

2.2.18 Number 117

$$\begin{aligned}117 &:= 1^7 + 2^0 + 2^1 + 2^5 + 3^4 = 17 + 20 + 21 + 25 + 34 \\117 &:= 1^8 + 1^9 + 2^1 + 2^5 + 3^4 = 18 + 19 + 21 + 25 + 34\end{aligned}$$

$$117 := 2^0 + 2^2 + 2^4 + 2^5 + 2^6 = 20 + 22 + 24 + 25 + 26$$

2.2.19 Number 118

$$\begin{aligned}118 &:= 1^8 + 2^5 + 3^4 + 4^1 = 18 + 25 + 34 + 41 \\118 &:= 1^9 + 3^2 + 3^3 + 3^4 = 19 + 32 + 33 + 34 \\118 &:= 1^0 + 1^8 + 2^3 + 3^3 + 3^4 = 10 + 18 + 23 + 33 + 34 \\118 &:= 1^0 + 1^8 + 2^5 + 3^1 + 3^4 = 10 + 18 + 25 + 31 + 34 \\118 &:= 1^1 + 1^7 + 2^3 + 3^3 + 3^4 = 11 + 17 + 23 + 33 + 34\end{aligned}$$

$$\begin{aligned}118 &:= 1^1 + 1^7 + 2^5 + 3^1 + 3^4 = 11 + 17 + 25 + 31 + 34 \\118 &:= 1^2 + 1^6 + 2^3 + 3^3 + 3^4 = 12 + 16 + 23 + 33 + 34 \\118 &:= 1^2 + 1^6 + 2^5 + 3^1 + 3^4 = 12 + 16 + 25 + 31 + 34 \\118 &:= 1^3 + 1^5 + 2^3 + 3^3 + 3^4 = 13 + 15 + 23 + 33 + 34 \\118 &:= 1^3 + 1^5 + 2^5 + 3^1 + 3^4 = 13 + 15 + 25 + 31 + 34\end{aligned}$$

$$118 := 1^4 + 1^4 + 2^3 + 3^3 + 3^4 = 14 + 14 + 23 + 33 + 34$$

$$118 := 1^4 + 1^4 + 2^5 + 3^1 + 3^4 = 14 + 14 + 25 + 31 + 34$$

$$118 := 1^4 + 2^2 + 2^4 + 2^4 + 3^4 = 14 + 22 + 24 + 24 + 34$$

$$118 := 1^7 + 2^1 + 2^1 + 2^5 + 3^4 = 17 + 21 + 21 + 25 + 34$$

$$118 := 2^1 + 2^2 + 2^4 + 2^5 + 2^6 = 21 + 22 + 24 + 25 + 26$$

2.2.20 Number 119

$$119 := 1^0 + 1^3 + 3^4 + 6^2 = 10 + 13 + 34 + 62$$

$$119 := 1^0 + 3^3 + 3^3 + 4^3 = 10 + 33 + 33 + 43$$

$$119 := 1^1 + 1^2 + 3^4 + 6^2 = 11 + 12 + 34 + 62$$

$$119 := 1^0 + 1^0 + 3^2 + 3^3 + 3^4 = 10 + 10 + 32 + 33 + 34$$

$$119 := 1^8 + 2^0 + 2^2 + 2^5 + 3^4 = 18 + 20 + 22 + 25 + 34$$

$$119 := 1^9 + 1^9 + 2^2 + 2^5 + 3^4 = 19 + 19 + 22 + 25 + 34$$

2.2.21 Number 120

$$120 := 1^0 + 1^8 + 2^6 + 3^3 + 3^3 = 10 + 18 + 26 + 33 + 33$$

$$120 := 1^1 + 1^7 + 2^6 + 3^3 + 3^3 = 11 + 17 + 26 + 33 + 33$$

$$120 := 1^2 + 1^6 + 2^6 + 3^3 + 3^3 = 12 + 16 + 26 + 33 + 33$$

$$120 := 1^3 + 1^5 + 2^6 + 3^3 + 3^3 = 13 + 15 + 26 + 33 + 33$$

$$120 := 1^4 + 1^4 + 2^6 + 3^3 + 3^3 = 14 + 14 + 26 + 33 + 33$$

$$120 := 1^8 + 2^1 + 2^2 + 2^5 + 3^4 = 18 + 21 + 22 + 25 + 34$$

$$120 := 2^3 + 2^3 + 2^3 + 2^5 + 2^6 = 23 + 23 + 23 + 25 + 26$$

2.2.22 Number 121

$$121 := 2^3 + 2^6 + 7^2 = 23 + 26 + 72$$

$$121 := 2^2 + 3^2 + 3^3 + 3^4 = 22 + 32 + 33 + 34$$

2.2.23 Number 122

$$122 := 1^0 + 11^2 = 10 + 112$$

$$122 := 1^9 + 2^5 + 2^6 + 5^2 = 19 + 25 + 26 + 52$$

$$122 := 2^3 + 2^5 + 3^4 + 4^0 = 23 + 25 + 34 + 40$$

$$122 := 1^5 + 2^4 + 2^5 + 2^6 + 3^2 = 15 + 24 + 25 + 26 + 32$$

$$122 := 1^7 + 2^3 + 2^4 + 2^4 + 3^4 = 17 + 23 + 24 + 24 + 34$$

$$122 := 1^9 + 2^2 + 2^2 + 2^5 + 3^4 = 19 + 22 + 22 + 25 + 34$$

2.2.24 Number 123

$$123 := 1^3 + 2^4 + 3^4 + 5^2 = 13 + 24 + 34 + 52$$

$$123 := 1^0 + 1^0 + 2^5 + 2^6 + 5^2 = 10 + 10 + 25 + 26 + 52$$

$$123 := 1^1 + 2^3 + 2^5 + 3^0 + 3^4 = 11 + 23 + 25 + 30 + 34$$

2.2.25 Number 124

$$124 := 2^5 + 2^6 + 3^3 + 4^0 = 25 + 26 + 33 + 40$$

$$124 := 1^3 + 2^0 + 2^5 + 3^2 + 3^4 = 13 + 20 + 25 + 32 + 34$$

$$124 := 1^4 + 1^9 + 2^5 + 3^2 + 3^4 = 14 + 19 + 25 + 32 + 34$$

$$124 := 1^5 + 1^8 + 2^5 + 3^2 + 3^4 = 15 + 18 + 25 + 32 + 34$$

$$124 := 1^6 + 1^7 + 2^5 + 3^2 + 3^4 = 16 + 17 + 25 + 32 + 34$$

$$124 := 1^6 + 2^5 + 2^5 + 2^5 + 3^3 = 16 + 25 + 25 + 25 + 33$$

$$124 := 1^7 + 2^4 + 2^4 + 2^6 + 3^3 = 17 + 24 + 24 + 26 + 33$$

2.2.26 Number 125

$$\begin{aligned}
 125 &:= 1^6 + 3^3 + 3^4 + 4^2 &= 16 + 33 + 34 + 42 \\
 &:= 2^2 + 2^5 + 2^6 + 5^2 &= 22 + 25 + 26 + 52 \\
 &:= 1^0 + 1^4 + 2^5 + 3^3 + 4^3 &= 10 + 14 + 25 + 33 + 43 \\
 &:= 1^1 + 1^3 + 2^5 + 3^3 + 4^3 &= 11 + 13 + 25 + 33 + 43 \\
 &:= 1^1 + 2^5 + 2^6 + 3^0 + 3^3 &= 11 + 25 + 26 + 30 + 33 \\
 &:= 1^2 + 1^2 + 2^5 + 3^3 + 4^3 &= 12 + 12 + 25 + 33 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 2^3 + 2^3 + 3^3 + 3^4 &= 12 + 23 + 23 + 33 + 34 \\
 &:= 1^2 + 2^3 + 2^5 + 3^1 + 3^4 &= 12 + 23 + 25 + 31 + 34 \\
 &:= 1^3 + 2^1 + 2^5 + 3^2 + 3^4 &= 13 + 21 + 25 + 32 + 34 \\
 &:= 2^2 + 2^2 + 2^2 + 2^5 + 3^4 &= 22 + 22 + 22 + 25 + 34
 \end{aligned}$$

2.2.27 Number 126

$$\begin{aligned}
 126 &:= 1^5 + 2^0 + 2^4 + 3^3 + 3^4 &= 15 + 20 + 24 + 33 + 34 \\
 126 &:= 1^6 + 1^9 + 2^4 + 3^3 + 3^4 &= 16 + 19 + 24 + 33 + 34
 \end{aligned}$$

$$126 := 1^7 + 1^8 + 2^4 + 3^3 + 3^4 = 17 + 18 + 24 + 33 + 34$$

2.2.28 Number 127

$$\begin{aligned}
 127 &:= 1^4 + 5^3 + 6^0 &= 14 + 53 + 60 \\
 &:= 1^2 + 2^3 + 2^6 + 3^3 + 3^3 &= 12 + 23 + 26 + 33 + 33 \\
 &:= 1^2 + 2^5 + 2^6 + 3^1 + 3^3 &= 12 + 25 + 26 + 31 + 33
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^2 + 2^5 + 3^2 + 3^4 &= 14 + 22 + 25 + 32 + 34 \\
 &:= 1^5 + 2^1 + 2^4 + 3^3 + 3^4 &= 15 + 21 + 24 + 33 + 34
 \end{aligned}$$

2.2.29 Number 128

$$\begin{aligned}
 128 &:= 1^0 + 1^5 + 5^0 + 5^3 &= 10 + 15 + 50 + 53 \\
 &:= 1^1 + 1^4 + 5^0 + 5^3 &= 11 + 14 + 50 + 53 \\
 &:= 1^2 + 1^3 + 5^0 + 5^3 &= 12 + 13 + 50 + 53 \\
 &:= 1^5 + 2^0 + 4^0 + 5^3 &= 15 + 20 + 40 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 3^0 + 3^0 + 5^3 &= 15 + 30 + 30 + 53 \\
 &:= 1^6 + 1^9 + 4^0 + 5^3 &= 16 + 19 + 40 + 53 \\
 &:= 1^7 + 1^8 + 4^0 + 5^3 &= 17 + 18 + 40 + 53
 \end{aligned}$$

2.2.30 Number 129

$$\begin{aligned}
 129 &:= 2^6 + 4^3 + 6^0 &= 26 + 43 + 60 \\
 &:= 1^5 + 2^1 + 4^0 + 5^3 &= 15 + 21 + 40 + 53 \\
 &:= 1^0 + 1^0 + 1^6 + 4^0 + 5^3 &= 10 + 10 + 16 + 40 + 53 \\
 &:= 1^0 + 1^1 + 1^5 + 4^0 + 5^3 &= 10 + 11 + 15 + 40 + 53 \\
 &:= 1^0 + 1^2 + 1^4 + 4^0 + 5^3 &= 10 + 12 + 14 + 40 + 53 \\
 &:= 1^0 + 1^3 + 1^3 + 4^0 + 5^3 &= 10 + 13 + 13 + 40 + 53 \\
 &:= 1^0 + 1^6 + 2^0 + 3^0 + 5^3 &= 10 + 16 + 20 + 30 + 53 \\
 &:= 1^0 + 1^7 + 1^9 + 3^0 + 5^3 &= 10 + 17 + 19 + 30 + 53 \\
 &:= 1^0 + 1^8 + 1^8 + 3^0 + 5^3 &= 10 + 18 + 18 + 30 + 53 \\
 &:= 1^1 + 1^1 + 1^4 + 4^0 + 5^3 &= 11 + 11 + 14 + 40 + 53 \\
 &:= 1^1 + 1^2 + 1^3 + 4^0 + 5^3 &= 11 + 12 + 13 + 40 + 53 \\
 &:= 1^1 + 1^5 + 2^0 + 3^0 + 5^3 &= 11 + 15 + 20 + 30 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^6 + 1^9 + 3^0 + 5^3 &= 11 + 16 + 19 + 30 + 53 \\
 &:= 1^1 + 1^7 + 1^8 + 3^0 + 5^3 &= 11 + 17 + 18 + 30 + 53 \\
 &:= 1^2 + 1^2 + 1^2 + 4^0 + 5^3 &= 12 + 12 + 12 + 40 + 53 \\
 &:= 1^2 + 1^4 + 2^0 + 3^0 + 5^3 &= 12 + 14 + 20 + 30 + 53 \\
 &:= 1^2 + 1^5 + 1^9 + 3^0 + 5^3 &= 12 + 15 + 19 + 30 + 53 \\
 &:= 1^2 + 1^6 + 1^8 + 3^0 + 5^3 &= 12 + 16 + 18 + 30 + 53 \\
 &:= 1^2 + 1^7 + 1^7 + 3^0 + 5^3 &= 12 + 17 + 17 + 30 + 53 \\
 &:= 1^2 + 2^4 + 2^5 + 2^6 + 4^2 &= 12 + 24 + 25 + 26 + 42 \\
 &:= 1^3 + 1^3 + 2^0 + 3^0 + 5^3 &= 13 + 13 + 20 + 30 + 53 \\
 &:= 1^3 + 1^4 + 1^9 + 3^0 + 5^3 &= 13 + 14 + 19 + 30 + 53 \\
 &:= 1^3 + 1^5 + 1^8 + 3^0 + 5^3 &= 13 + 15 + 18 + 30 + 53 \\
 &:= 1^3 + 1^6 + 1^7 + 3^0 + 5^3 &= 13 + 16 + 17 + 30 + 53
 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^4 + 2^4 + 2^5 + 4^3 = 13 + 24 + 24 + 25 + 43 \\ &:= 1^4 + 1^4 + 1^8 + 3^0 + 5^3 = 14 + 14 + 18 + 30 + 53 \\ &:= 1^4 + 1^5 + 1^7 + 3^0 + 5^3 = 14 + 15 + 17 + 30 + 53 \\ &:= 1^4 + 1^6 + 1^6 + 3^0 + 5^3 = 14 + 16 + 16 + 30 + 53 \\ &:= 1^5 + 1^5 + 1^6 + 3^0 + 5^3 = 15 + 15 + 16 + 30 + 53 \\ &:= 1^6 + 2^0 + 2^0 + 2^0 + 5^3 = 16 + 20 + 20 + 20 + 53 \\ &:= 1^6 + 2^2 + 2^4 + 3^3 + 3^4 = 16 + 22 + 24 + 33 + 34 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 1^9 + 2^0 + 2^0 + 5^3 = 17 + 19 + 20 + 20 + 53 \\ &:= 1^8 + 1^8 + 2^0 + 2^0 + 5^3 = 18 + 18 + 20 + 20 + 53 \\ &:= 1^8 + 1^9 + 1^9 + 2^0 + 5^3 = 18 + 19 + 19 + 20 + 53 \\ &:= 1^9 + 1^9 + 1^9 + 1^9 + 5^3 = 19 + 19 + 19 + 19 + 53 \\ &:= 2^4 + 2^4 + 2^5 + 2^6 + 3^0 = 24 + 24 + 25 + 26 + 30 \end{aligned}$$

2.2.31 Number 130

$$\begin{aligned} 130 &:= 1^3 + 2^7 + 9^0 = 13 + 27 + 90 \\ &:= 1^0 + 1^2 + 2^6 + 8^2 = 10 + 12 + 26 + 82 \\ &:= 1^1 + 1^1 + 2^6 + 8^2 = 11 + 11 + 26 + 82 \\ &:= 1^1 + 2^6 + 4^3 + 5^0 = 11 + 26 + 43 + 50 \\ &:= 1^4 + 3^0 + 4^3 + 4^3 = 14 + 30 + 43 + 43 \\ &:= 1^6 + 3^0 + 3^1 + 5^3 = 16 + 30 + 31 + 53 \\ &:= 1^8 + 2^6 + 2^6 + 6^0 = 18 + 26 + 26 + 60 \\ &:= 1^0 + 1^6 + 2^1 + 3^0 + 5^3 = 10 + 16 + 21 + 30 + 53 \\ &:= 1^1 + 1^5 + 2^1 + 3^0 + 5^3 = 11 + 15 + 21 + 30 + 53 \\ &:= 1^2 + 1^4 + 2^1 + 3^0 + 5^3 = 12 + 14 + 21 + 30 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^3 + 2^1 + 3^0 + 5^3 = 13 + 13 + 21 + 30 + 53 \\ &:= 1^4 + 2^5 + 2^5 + 2^6 + 4^0 = 14 + 25 + 25 + 26 + 40 \\ &:= 1^6 + 2^0 + 2^0 + 2^1 + 5^3 = 16 + 20 + 20 + 21 + 53 \\ &:= 1^7 + 1^9 + 2^0 + 2^1 + 5^3 = 17 + 19 + 20 + 21 + 53 \\ &:= 1^7 + 2^0 + 2^5 + 2^5 + 4^3 = 17 + 20 + 25 + 25 + 43 \\ &:= 1^8 + 1^8 + 2^0 + 2^1 + 5^3 = 18 + 18 + 20 + 21 + 53 \\ &:= 1^8 + 1^9 + 1^9 + 2^1 + 5^3 = 18 + 19 + 19 + 21 + 53 \\ &:= 1^8 + 1^9 + 2^5 + 2^5 + 4^3 = 18 + 19 + 25 + 25 + 43 \end{aligned}$$

2.2.32 Number 131

$$\begin{aligned} 131 &:= 1^0 + 1^4 + 2^7 + 8^0 = 10 + 14 + 27 + 80 \\ &:= 1^1 + 1^3 + 2^7 + 8^0 = 11 + 13 + 27 + 80 \\ &:= 1^2 + 1^2 + 2^7 + 8^0 = 12 + 12 + 27 + 80 \\ &:= 1^4 + 2^0 + 2^7 + 7^0 = 14 + 20 + 27 + 70 \\ &:= 1^4 + 2^7 + 3^0 + 6^0 = 14 + 27 + 30 + 60 \\ &:= 1^4 + 2^7 + 4^0 + 5^0 = 14 + 27 + 40 + 50 \\ &:= 1^5 + 1^9 + 2^7 + 7^0 = 15 + 19 + 27 + 70 \\ &:= 1^6 + 1^8 + 2^7 + 7^0 = 16 + 18 + 27 + 70 \\ &:= 1^6 + 2^2 + 4^0 + 5^3 = 16 + 22 + 40 + 53 \\ &:= 1^7 + 1^7 + 2^7 + 7^0 = 17 + 17 + 27 + 70 \\ &:= 1^7 + 2^0 + 4^1 + 5^3 = 17 + 20 + 41 + 53 \\ &:= 1^8 + 1^9 + 4^1 + 5^3 = 18 + 19 + 41 + 53 \\ &:= 1^0 + 1^2 + 2^6 + 4^0 + 4^3 = 10 + 12 + 26 + 40 + 43 \\ &:= 1^0 + 1^5 + 2^0 + 4^3 + 4^3 = 10 + 15 + 20 + 43 + 43 \\ &:= 1^0 + 1^6 + 1^9 + 4^3 + 4^3 = 10 + 16 + 19 + 43 + 43 \\ &:= 1^0 + 1^7 + 1^8 + 4^3 + 4^3 = 10 + 17 + 18 + 43 + 43 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^7 + 2^0 + 3^1 + 5^3 = 10 + 17 + 20 + 31 + 53 \\ &:= 1^0 + 1^8 + 1^9 + 3^1 + 5^3 = 10 + 18 + 19 + 31 + 53 \\ &:= 1^0 + 1^9 + 2^6 + 2^6 + 5^0 = 10 + 19 + 26 + 26 + 50 \\ &:= 1^0 + 2^0 + 2^5 + 3^4 + 4^2 = 10 + 20 + 25 + 34 + 42 \\ &:= 1^1 + 1^1 + 2^6 + 4^0 + 4^3 = 11 + 11 + 26 + 40 + 43 \\ &:= 1^1 + 1^4 + 2^0 + 4^3 + 4^3 = 11 + 14 + 20 + 43 + 43 \\ &:= 1^1 + 1^5 + 1^9 + 4^3 + 4^3 = 11 + 15 + 19 + 43 + 43 \\ &:= 1^1 + 1^6 + 1^8 + 4^3 + 4^3 = 11 + 16 + 18 + 43 + 43 \\ &:= 1^1 + 1^6 + 2^0 + 3^1 + 5^3 = 11 + 16 + 20 + 31 + 53 \\ &:= 1^1 + 1^7 + 1^7 + 4^3 + 4^3 = 11 + 17 + 17 + 43 + 43 \\ &:= 1^1 + 1^7 + 1^9 + 3^1 + 5^3 = 11 + 17 + 19 + 31 + 53 \\ &:= 1^1 + 1^8 + 1^8 + 3^1 + 5^3 = 11 + 18 + 18 + 31 + 53 \\ &:= 1^1 + 1^8 + 2^6 + 2^6 + 5^0 = 11 + 18 + 26 + 26 + 50 \\ &:= 1^1 + 1^9 + 2^5 + 3^4 + 4^2 = 11 + 19 + 25 + 34 + 42 \\ &:= 1^2 + 1^3 + 2^0 + 4^3 + 4^3 = 12 + 13 + 20 + 43 + 43 \\ &:= 1^2 + 1^4 + 1^9 + 4^3 + 4^3 = 12 + 14 + 19 + 43 + 43 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 1^5 + 1^8 + 4^3 + 4^3 = 12 + 15 + 18 + 43 + 43 \\
 &:= 1^2 + 1^5 + 2^0 + 3^1 + 5^3 = 12 + 15 + 20 + 31 + 53 \\
 &:= 1^2 + 1^6 + 1^7 + 4^3 + 4^3 = 12 + 16 + 17 + 43 + 43 \\
 &:= 1^2 + 1^6 + 1^9 + 3^1 + 5^3 = 12 + 16 + 19 + 31 + 53 \\
 &:= 1^2 + 1^7 + 1^8 + 3^1 + 5^3 = 12 + 17 + 18 + 31 + 53 \\
 &:= 1^2 + 1^7 + 2^6 + 2^6 + 5^0 = 12 + 17 + 26 + 26 + 50 \\
 &:= 1^2 + 1^8 + 2^5 + 3^4 + 4^2 = 12 + 18 + 25 + 34 + 42 \\
 &:= 1^2 + 2^0 + 2^6 + 3^0 + 4^3 = 12 + 20 + 26 + 30 + 43 \\
 &:= 1^3 + 1^3 + 1^9 + 4^3 + 4^3 = 13 + 13 + 19 + 43 + 43 \\
 &:= 1^3 + 1^4 + 1^8 + 4^3 + 4^3 = 13 + 14 + 18 + 43 + 43 \\
 &:= 1^3 + 1^4 + 2^0 + 3^1 + 5^3 = 13 + 14 + 20 + 31 + 53 \\
 &:= 1^3 + 1^5 + 1^7 + 4^3 + 4^3 = 13 + 15 + 17 + 43 + 43 \\
 &:= 1^3 + 1^5 + 1^9 + 3^1 + 5^3 = 13 + 15 + 19 + 31 + 53 \\
 &:= 1^3 + 1^6 + 1^6 + 4^3 + 4^3 = 13 + 16 + 16 + 43 + 43 \\
 &:= 1^3 + 1^6 + 1^8 + 3^1 + 5^3 = 13 + 16 + 18 + 31 + 53 \\
 &:= 1^3 + 1^6 + 2^6 + 2^6 + 5^0 = 13 + 16 + 26 + 26 + 50 \\
 &:= 1^3 + 1^7 + 1^7 + 3^1 + 5^3 = 13 + 17 + 17 + 31 + 53 \\
 &:= 1^3 + 1^7 + 2^5 + 3^4 + 4^2 = 13 + 17 + 25 + 34 + 42 \\
 &:= 1^3 + 1^9 + 2^6 + 3^0 + 4^3 = 13 + 19 + 26 + 30 + 43 \\
 &:= 1^4 + 1^4 + 1^7 + 4^3 + 4^3 = 14 + 14 + 17 + 43 + 43 \\
 &:= 1^4 + 1^4 + 1^9 + 3^1 + 5^3 = 14 + 14 + 19 + 31 + 53 \\
 &:= 1^4 + 1^5 + 1^6 + 4^3 + 4^3 = 14 + 15 + 16 + 43 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 1^5 + 1^8 + 3^1 + 5^3 = 14 + 15 + 18 + 31 + 53 \\
 &:= 1^4 + 1^5 + 2^6 + 2^6 + 5^0 = 14 + 15 + 26 + 26 + 50 \\
 &:= 1^4 + 1^6 + 1^7 + 3^1 + 5^3 = 14 + 16 + 17 + 31 + 53 \\
 &:= 1^4 + 1^6 + 2^5 + 3^4 + 4^2 = 14 + 16 + 25 + 34 + 42 \\
 &:= 1^4 + 1^8 + 2^6 + 3^0 + 4^3 = 14 + 18 + 26 + 30 + 43 \\
 &:= 1^5 + 1^5 + 1^5 + 4^3 + 4^3 = 15 + 15 + 15 + 43 + 43 \\
 &:= 1^5 + 1^5 + 1^7 + 3^1 + 5^3 = 15 + 15 + 17 + 31 + 53 \\
 &:= 1^5 + 1^5 + 2^5 + 3^4 + 4^2 = 15 + 15 + 25 + 34 + 42 \\
 &:= 1^5 + 1^6 + 1^6 + 3^1 + 5^3 = 15 + 16 + 16 + 31 + 53 \\
 &:= 1^5 + 1^7 + 2^6 + 3^0 + 4^3 = 15 + 17 + 26 + 30 + 43 \\
 &:= 1^6 + 1^6 + 2^6 + 3^0 + 4^3 = 16 + 16 + 26 + 30 + 43 \\
 &:= 1^6 + 2^0 + 2^1 + 2^1 + 5^3 = 16 + 20 + 21 + 21 + 53 \\
 &:= 1^7 + 1^9 + 2^1 + 2^1 + 5^3 = 17 + 19 + 21 + 21 + 53 \\
 &:= 1^7 + 2^1 + 2^5 + 2^5 + 4^3 = 17 + 21 + 25 + 25 + 43 \\
 &:= 1^7 + 2^3 + 2^5 + 3^2 + 3^4 = 17 + 23 + 25 + 32 + 34 \\
 &:= 1^8 + 1^8 + 2^1 + 2^1 + 5^3 = 18 + 18 + 21 + 21 + 53 \\
 &:= 1^8 + 2^4 + 2^5 + 3^0 + 3^4 = 18 + 24 + 25 + 30 + 34 \\
 &:= 1^9 + 2^0 + 2^6 + 2^6 + 4^0 = 19 + 20 + 26 + 26 + 40 \\
 &:= 1^9 + 2^6 + 2^6 + 3^0 + 3^0 = 19 + 26 + 26 + 30 + 30 \\
 &:= 2^3 + 2^5 + 2^5 + 2^5 + 3^3 = 23 + 25 + 25 + 25 + 33 \\
 &:= 2^5 + 2^5 + 2^5 + 2^5 + 3^1 = 25 + 25 + 25 + 25 + 31
 \end{aligned}$$

2.2.33 Number 132

$$\begin{aligned}
 132 &:= 1^8 + 5^3 + 6^1 = 18 + 53 + 61 \\
 &:= 1^0 + 1^6 + 3^4 + 7^2 = 10 + 16 + 34 + 72 \\
 &:= 1^0 + 1^8 + 5^1 + 5^3 = 10 + 18 + 51 + 53 \\
 &:= 1^1 + 1^5 + 3^4 + 7^2 = 11 + 15 + 34 + 72 \\
 &:= 1^1 + 1^7 + 5^1 + 5^3 = 11 + 17 + 51 + 53 \\
 &:= 1^2 + 1^4 + 3^4 + 7^2 = 12 + 14 + 34 + 72 \\
 &:= 1^2 + 1^6 + 5^1 + 5^3 = 12 + 16 + 51 + 53 \\
 &:= 1^3 + 1^3 + 3^4 + 7^2 = 13 + 13 + 34 + 72 \\
 &:= 1^3 + 1^5 + 5^1 + 5^3 = 13 + 15 + 51 + 53 \\
 &:= 1^4 + 1^4 + 5^1 + 5^3 = 14 + 14 + 51 + 53 \\
 &:= 1^4 + 2^1 + 2^7 + 7^0 = 14 + 21 + 27 + 70 \\
 &:= 1^5 + 3^1 + 4^3 + 4^3 = 15 + 31 + 43 + 43 \\
 &:= 1^7 + 2^1 + 4^1 + 5^3 = 17 + 21 + 41 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 3^1 + 3^1 + 5^3 = 17 + 31 + 31 + 53 \\
 &:= 2^3 + 3^3 + 3^4 + 4^2 = 23 + 33 + 34 + 42 \\
 &:= 2^5 + 3^1 + 3^4 + 4^2 = 25 + 31 + 34 + 42 \\
 &:= 1^0 + 1^0 + 1^5 + 2^7 + 7^0 = 10 + 10 + 15 + 27 + 70 \\
 &:= 1^0 + 1^0 + 1^8 + 4^1 + 5^3 = 10 + 10 + 18 + 41 + 53 \\
 &:= 1^0 + 1^1 + 1^4 + 2^7 + 7^0 = 10 + 11 + 14 + 27 + 70 \\
 &:= 1^0 + 1^1 + 1^7 + 4^1 + 5^3 = 10 + 11 + 17 + 41 + 53 \\
 &:= 1^0 + 1^2 + 1^3 + 2^7 + 7^0 = 10 + 12 + 13 + 27 + 70 \\
 &:= 1^0 + 1^2 + 1^6 + 4^1 + 5^3 = 10 + 12 + 16 + 41 + 53 \\
 &:= 1^0 + 1^3 + 1^5 + 4^1 + 5^3 = 10 + 13 + 15 + 41 + 53 \\
 &:= 1^0 + 1^4 + 1^4 + 4^1 + 5^3 = 10 + 14 + 14 + 41 + 53 \\
 &:= 1^0 + 1^5 + 2^0 + 2^7 + 6^0 = 10 + 15 + 20 + 27 + 60 \\
 &:= 1^0 + 1^5 + 2^1 + 4^3 + 4^3 = 10 + 15 + 21 + 43 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^5 + 2^7 + 3^0 + 5^0 = 10 + 15 + 27 + 30 + 50 \\
 &:= 1^0 + 1^5 + 2^7 + 4^0 + 4^0 = 10 + 15 + 27 + 40 + 40 \\
 &:= 1^0 + 1^6 + 1^9 + 2^7 + 6^0 = 10 + 16 + 19 + 27 + 60 \\
 &:= 1^0 + 1^7 + 1^8 + 2^7 + 6^0 = 10 + 17 + 18 + 27 + 60 \\
 &:= 1^0 + 1^7 + 2^1 + 3^1 + 5^3 = 10 + 17 + 21 + 31 + 53 \\
 &:= 1^0 + 1^7 + 2^2 + 3^0 + 5^3 = 10 + 17 + 22 + 30 + 53 \\
 &:= 1^0 + 2^1 + 2^5 + 3^4 + 4^2 = 10 + 21 + 25 + 34 + 42 \\
 &:= 1^1 + 1^1 + 1^3 + 2^7 + 7^0 = 11 + 11 + 13 + 27 + 70 \\
 &:= 1^1 + 1^1 + 1^6 + 4^1 + 5^3 = 11 + 11 + 16 + 41 + 53 \\
 &:= 1^1 + 1^2 + 1^2 + 2^7 + 7^0 = 11 + 12 + 12 + 27 + 70 \\
 &:= 1^1 + 1^2 + 1^5 + 4^1 + 5^3 = 11 + 12 + 15 + 41 + 53 \\
 &:= 1^1 + 1^3 + 1^4 + 4^1 + 5^3 = 11 + 13 + 14 + 41 + 53 \\
 &:= 1^1 + 1^4 + 2^0 + 2^7 + 6^0 = 11 + 14 + 20 + 27 + 60 \\
 &:= 1^1 + 1^4 + 2^1 + 4^3 + 4^3 = 11 + 14 + 21 + 43 + 43 \\
 &:= 1^1 + 1^4 + 2^7 + 3^0 + 5^0 = 11 + 14 + 27 + 30 + 50 \\
 &:= 1^1 + 1^4 + 2^7 + 4^0 + 4^0 = 11 + 14 + 27 + 40 + 40 \\
 &:= 1^1 + 1^5 + 1^9 + 2^7 + 6^0 = 11 + 15 + 19 + 27 + 60 \\
 &:= 1^1 + 1^6 + 1^8 + 2^7 + 6^0 = 11 + 16 + 18 + 27 + 60 \\
 &:= 1^1 + 1^6 + 2^1 + 3^1 + 5^3 = 11 + 16 + 21 + 31 + 53 \\
 &:= 1^1 + 1^6 + 2^2 + 3^0 + 5^3 = 11 + 16 + 22 + 30 + 53 \\
 &:= 1^1 + 1^7 + 1^7 + 2^7 + 6^0 = 11 + 17 + 17 + 27 + 60 \\
 &:= 1^2 + 1^2 + 1^4 + 4^1 + 5^3 = 12 + 12 + 14 + 41 + 53 \\
 &:= 1^2 + 1^3 + 1^3 + 4^1 + 5^3 = 12 + 13 + 13 + 41 + 53 \\
 &:= 1^2 + 1^3 + 2^0 + 2^7 + 6^0 = 12 + 13 + 20 + 27 + 60 \\
 &:= 1^2 + 1^3 + 2^1 + 4^3 + 4^3 = 12 + 13 + 21 + 43 + 43 \\
 &:= 1^2 + 1^3 + 2^7 + 3^0 + 5^0 = 12 + 13 + 27 + 30 + 50 \\
 &:= 1^2 + 1^3 + 2^7 + 4^0 + 4^0 = 12 + 13 + 27 + 40 + 40 \\
 &:= 1^2 + 1^4 + 1^9 + 2^7 + 6^0 = 12 + 14 + 19 + 27 + 60 \\
 &:= 1^2 + 1^5 + 1^8 + 2^7 + 6^0 = 12 + 15 + 18 + 27 + 60
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 1^5 + 2^1 + 3^1 + 5^3 = 12 + 15 + 21 + 31 + 53 \\
 &:= 1^2 + 1^5 + 2^2 + 3^0 + 5^3 = 12 + 15 + 22 + 30 + 53 \\
 &:= 1^2 + 1^6 + 1^7 + 2^7 + 6^0 = 12 + 16 + 17 + 27 + 60 \\
 &:= 1^2 + 2^1 + 2^6 + 3^0 + 4^3 = 12 + 21 + 26 + 30 + 43 \\
 &:= 1^3 + 1^3 + 1^9 + 2^7 + 6^0 = 13 + 13 + 19 + 27 + 60 \\
 &:= 1^3 + 1^4 + 1^8 + 2^7 + 6^0 = 13 + 14 + 18 + 27 + 60 \\
 &:= 1^3 + 1^4 + 2^1 + 3^1 + 5^3 = 13 + 14 + 21 + 31 + 53 \\
 &:= 1^3 + 1^4 + 2^2 + 3^0 + 5^3 = 13 + 14 + 22 + 30 + 53 \\
 &:= 1^3 + 1^5 + 1^7 + 2^7 + 6^0 = 13 + 15 + 17 + 27 + 60 \\
 &:= 1^3 + 1^6 + 1^6 + 2^7 + 6^0 = 13 + 16 + 16 + 27 + 60 \\
 &:= 1^4 + 1^4 + 1^7 + 2^7 + 6^0 = 14 + 14 + 17 + 27 + 60 \\
 &:= 1^4 + 1^5 + 1^6 + 2^7 + 6^0 = 14 + 15 + 16 + 27 + 60 \\
 &:= 1^5 + 1^5 + 1^5 + 2^7 + 6^0 = 15 + 15 + 15 + 27 + 60 \\
 &:= 1^5 + 2^0 + 2^0 + 2^7 + 5^0 = 15 + 20 + 20 + 27 + 50 \\
 &:= 1^5 + 2^0 + 2^7 + 3^0 + 4^0 = 15 + 20 + 27 + 30 + 40 \\
 &:= 1^5 + 2^7 + 3^0 + 3^0 + 3^0 = 15 + 27 + 30 + 30 + 30 \\
 &:= 1^6 + 1^9 + 2^0 + 2^7 + 5^0 = 16 + 19 + 20 + 27 + 50 \\
 &:= 1^6 + 1^9 + 2^7 + 3^0 + 4^0 = 16 + 19 + 27 + 30 + 40 \\
 &:= 1^6 + 2^1 + 2^1 + 2^1 + 5^3 = 16 + 21 + 21 + 21 + 53 \\
 &:= 1^7 + 1^8 + 2^0 + 2^7 + 5^0 = 17 + 18 + 20 + 27 + 50 \\
 &:= 1^7 + 1^8 + 2^7 + 3^0 + 4^0 = 17 + 18 + 27 + 30 + 40 \\
 &:= 1^7 + 1^9 + 1^9 + 2^7 + 5^0 = 17 + 19 + 19 + 27 + 50 \\
 &:= 1^7 + 2^0 + 2^0 + 2^2 + 5^3 = 17 + 20 + 20 + 22 + 53 \\
 &:= 1^8 + 1^8 + 1^9 + 2^7 + 5^0 = 18 + 18 + 19 + 27 + 50 \\
 &:= 1^8 + 1^9 + 2^0 + 2^2 + 5^3 = 18 + 19 + 20 + 22 + 53 \\
 &:= 1^9 + 1^9 + 1^9 + 2^2 + 5^3 = 19 + 19 + 19 + 22 + 53 \\
 &:= 1^9 + 2^1 + 2^6 + 2^6 + 4^0 = 19 + 21 + 26 + 26 + 40
 \end{aligned}$$

2.2.34 Number 133

$$\begin{aligned}
 133 &:= 1^5 + 2^7 + 3^1 + 6^0 = 15 + 27 + 31 + 60 \\
 &:= 2^0 + 2^5 + 2^6 + 6^2 = 20 + 25 + 26 + 62 \\
 &:= 2^6 + 2^6 + 4^0 + 4^1 = 26 + 26 + 40 + 41 \\
 &:= 1^0 + 1^5 + 2^1 + 2^7 + 6^0 = 10 + 15 + 21 + 27 + 60 \\
 &:= 1^0 + 2^6 + 2^6 + 3^1 + 4^0 = 10 + 26 + 26 + 31 + 40 \\
 &:= 1^1 + 1^4 + 2^1 + 2^7 + 6^0 = 11 + 14 + 21 + 27 + 60 \\
 &:= 1^2 + 1^3 + 2^1 + 2^7 + 6^0 = 12 + 13 + 21 + 27 + 60
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 2^0 + 2^6 + 3^1 + 4^3 = 13 + 20 + 26 + 31 + 43 \\
 &:= 1^4 + 1^9 + 2^6 + 3^1 + 4^3 = 14 + 19 + 26 + 31 + 43 \\
 &:= 1^5 + 1^8 + 2^6 + 3^1 + 4^3 = 15 + 18 + 26 + 31 + 43 \\
 &:= 1^5 + 2^0 + 2^1 + 2^7 + 5^0 = 15 + 20 + 21 + 27 + 50 \\
 &:= 1^5 + 2^1 + 2^7 + 3^0 + 4^0 = 15 + 21 + 27 + 30 + 40 \\
 &:= 1^6 + 1^7 + 2^6 + 3^1 + 4^3 = 16 + 17 + 26 + 31 + 43 \\
 &:= 1^6 + 1^9 + 2^1 + 2^7 + 5^0 = 16 + 19 + 21 + 27 + 50
 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 2^5 + 2^5 + 2^6 + 4^1 = 16 + 25 + 25 + 26 + 41 \\ &:= 1^7 + 1^8 + 2^1 + 2^7 + 5^0 = 17 + 18 + 21 + 27 + 50 \\ &:= 1^7 + 2^0 + 2^1 + 2^2 + 5^3 = 17 + 20 + 21 + 22 + 53 \\ &:= 1^7 + 2^5 + 2^6 + 3^2 + 3^3 = 17 + 25 + 26 + 32 + 33 \\ &:= 1^8 + 1^9 + 2^1 + 2^2 + 5^3 = 18 + 19 + 21 + 22 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^2 + 2^5 + 2^5 + 4^3 = 18 + 22 + 25 + 25 + 43 \\ &:= 1^9 + 2^3 + 2^4 + 3^3 + 3^4 = 19 + 23 + 24 + 33 + 34 \\ &:= 1^9 + 2^4 + 2^5 + 3^1 + 3^4 = 19 + 24 + 25 + 31 + 34 \\ &:= 2^0 + 2^6 + 2^6 + 3^0 + 3^1 = 20 + 26 + 26 + 30 + 31 \end{aligned}$$

2.2.35 Number 134

$$\begin{aligned} 134 &:= 1^4 + 2^4 + 3^4 + 6^2 = 14 + 24 + 34 + 62 \\ &:= 1^4 + 2^6 + 4^3 + 5^1 = 14 + 26 + 43 + 51 \\ &:= 1^5 + 2^2 + 2^7 + 7^0 = 15 + 22 + 27 + 70 \\ &:= 1^5 + 3^3 + 3^4 + 5^2 = 15 + 33 + 34 + 52 \\ &:= 1^6 + 2^7 + 4^1 + 5^0 = 16 + 27 + 41 + 50 \\ &:= 1^8 + 2^2 + 4^1 + 5^3 = 18 + 22 + 41 + 53 \\ &:= 2^1 + 2^5 + 2^6 + 6^2 = 21 + 25 + 26 + 62 \\ &:= 2^4 + 2^5 + 3^4 + 5^1 = 24 + 25 + 34 + 51 \\ &:= 2^6 + 3^3 + 3^3 + 4^2 = 26 + 33 + 33 + 42 \\ &:= 1^0 + 1^1 + 2^5 + 2^6 + 6^2 = 10 + 11 + 25 + 26 + 62 \\ &:= 1^0 + 1^4 + 2^6 + 4^1 + 4^3 = 10 + 14 + 26 + 41 + 43 \\ &:= 1^0 + 1^6 + 2^2 + 4^3 + 4^3 = 10 + 16 + 22 + 43 + 43 \\ &:= 1^0 + 1^6 + 2^7 + 3^1 + 5^0 = 10 + 16 + 27 + 31 + 50 \\ &:= 1^0 + 1^8 + 2^2 + 3^1 + 5^3 = 10 + 18 + 22 + 31 + 53 \\ &:= 1^0 + 2^2 + 2^6 + 2^6 + 5^0 = 10 + 22 + 26 + 26 + 50 \\ &:= 1^0 + 2^4 + 2^5 + 3^4 + 4^1 = 10 + 24 + 25 + 34 + 41 \\ &:= 1^1 + 1^3 + 2^6 + 4^1 + 4^3 = 11 + 13 + 26 + 41 + 43 \\ &:= 1^1 + 1^5 + 2^2 + 4^3 + 4^3 = 11 + 15 + 22 + 43 + 43 \\ &:= 1^1 + 1^5 + 2^7 + 3^1 + 5^0 = 11 + 15 + 27 + 31 + 50 \\ &:= 1^1 + 1^7 + 2^2 + 3^1 + 5^3 = 11 + 17 + 22 + 31 + 53 \\ &:= 1^1 + 2^2 + 2^5 + 3^4 + 4^2 = 11 + 22 + 25 + 34 + 42 \\ &:= 1^1 + 2^4 + 3^2 + 3^3 + 3^4 = 11 + 24 + 32 + 33 + 34 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^6 + 2^6 + 3^0 + 4^1 = 11 + 26 + 26 + 30 + 41 \\ &:= 1^2 + 1^2 + 2^6 + 4^1 + 4^3 = 12 + 12 + 26 + 41 + 43 \\ &:= 1^2 + 1^4 + 2^2 + 4^3 + 4^3 = 12 + 14 + 22 + 43 + 43 \\ &:= 1^2 + 1^4 + 2^7 + 3^1 + 5^0 = 12 + 14 + 27 + 31 + 50 \\ &:= 1^2 + 1^6 + 2^2 + 3^1 + 5^3 = 12 + 16 + 22 + 31 + 53 \\ &:= 1^3 + 1^3 + 2^2 + 4^3 + 4^3 = 13 + 13 + 22 + 43 + 43 \\ &:= 1^3 + 1^3 + 2^7 + 3^1 + 5^0 = 13 + 13 + 27 + 31 + 50 \\ &:= 1^3 + 1^5 + 2^2 + 3^1 + 5^3 = 13 + 15 + 22 + 31 + 53 \\ &:= 1^3 + 2^1 + 2^6 + 3^1 + 4^3 = 13 + 21 + 26 + 31 + 43 \\ &:= 1^3 + 2^2 + 2^6 + 3^0 + 4^3 = 13 + 22 + 26 + 30 + 43 \\ &:= 1^4 + 1^4 + 2^2 + 3^1 + 5^3 = 14 + 14 + 22 + 31 + 53 \\ &:= 1^5 + 2^1 + 2^1 + 2^7 + 5^0 = 15 + 21 + 21 + 27 + 50 \\ &:= 1^6 + 2^0 + 2^7 + 3^1 + 4^0 = 16 + 20 + 27 + 31 + 40 \\ &:= 1^6 + 2^7 + 3^0 + 3^0 + 3^1 = 16 + 27 + 30 + 30 + 31 \\ &:= 1^7 + 1^9 + 2^7 + 3^1 + 4^0 = 17 + 19 + 27 + 31 + 40 \\ &:= 1^7 + 2^1 + 2^1 + 2^2 + 5^3 = 17 + 21 + 21 + 22 + 53 \\ &:= 1^8 + 1^8 + 2^7 + 3^1 + 4^0 = 18 + 18 + 27 + 31 + 40 \\ &:= 2^0 + 2^2 + 2^6 + 2^6 + 4^0 = 20 + 22 + 26 + 26 + 40 \\ &:= 2^1 + 2^6 + 2^6 + 3^0 + 3^1 = 21 + 26 + 26 + 30 + 31 \\ &:= 2^2 + 2^6 + 2^6 + 3^0 + 3^0 = 22 + 26 + 26 + 30 + 30 \end{aligned}$$

2.2.36 Number 135

$$\begin{aligned} 135 &:= 3^2 + 5^0 + 5^3 = 32 + 50 + 53 \\ &:= 1^7 + 2^7 + 4^0 + 5^1 = 17 + 27 + 40 + 51 \\ &:= 1^9 + 2^3 + 4^0 + 5^3 = 19 + 23 + 40 + 53 \\ &:= 1^0 + 1^6 + 2^2 + 2^7 + 6^0 = 10 + 16 + 22 + 27 + 60 \\ &:= 1^0 + 1^7 + 2^7 + 4^0 + 4^1 = 10 + 17 + 27 + 40 + 41 \\ &:= 1^1 + 1^5 + 2^2 + 2^7 + 6^0 = 11 + 15 + 22 + 27 + 60 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^6 + 2^7 + 4^0 + 4^1 = 11 + 16 + 27 + 40 + 41 \\ &:= 1^2 + 1^4 + 2^2 + 2^7 + 6^0 = 12 + 14 + 22 + 27 + 60 \\ &:= 1^2 + 1^5 + 2^7 + 4^0 + 4^1 = 12 + 15 + 27 + 40 + 41 \\ &:= 1^2 + 2^0 + 2^6 + 2^6 + 5^1 = 12 + 20 + 26 + 26 + 51 \\ &:= 1^3 + 1^3 + 2^2 + 2^7 + 6^0 = 13 + 13 + 22 + 27 + 60 \\ &:= 1^3 + 1^4 + 2^7 + 4^0 + 4^1 = 13 + 14 + 27 + 40 + 41 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^9 + 2^6 + 2^6 + 5^1 = 13 + 19 + 26 + 26 + 51 \\ &:= 1^4 + 1^8 + 2^6 + 2^6 + 5^1 = 14 + 18 + 26 + 26 + 51 \\ &:= 1^5 + 1^7 + 2^6 + 2^6 + 5^1 = 15 + 17 + 26 + 26 + 51 \\ &:= 1^6 + 1^6 + 2^6 + 2^6 + 5^1 = 16 + 16 + 26 + 26 + 51 \\ &:= 1^6 + 2^0 + 2^2 + 2^7 + 5^0 = 16 + 20 + 22 + 27 + 50 \\ &:= 1^6 + 2^1 + 2^7 + 3^1 + 4^0 = 16 + 21 + 27 + 31 + 40 \\ &:= 1^6 + 2^2 + 2^7 + 3^0 + 4^0 = 16 + 22 + 27 + 30 + 40 \\ &:= 1^7 + 1^9 + 2^2 + 2^7 + 5^0 = 17 + 19 + 22 + 27 + 50 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^0 + 2^7 + 3^0 + 4^1 = 17 + 20 + 27 + 30 + 41 \\ &:= 1^8 + 1^8 + 2^2 + 2^7 + 5^0 = 18 + 18 + 22 + 27 + 50 \\ &:= 1^8 + 1^9 + 2^7 + 3^0 + 4^1 = 18 + 19 + 27 + 30 + 41 \\ &:= 1^8 + 2^0 + 2^2 + 2^2 + 5^3 = 18 + 20 + 22 + 22 + 53 \\ &:= 1^9 + 1^9 + 2^2 + 2^2 + 5^3 = 19 + 19 + 22 + 22 + 53 \\ &:= 1^9 + 2^4 + 2^6 + 3^3 + 3^3 = 19 + 24 + 26 + 33 + 33 \\ &:= 2^1 + 2^2 + 2^6 + 2^6 + 4^0 = 21 + 22 + 26 + 26 + 40 \end{aligned}$$

2.2.37 Number 136

$$\begin{aligned} 136 &:= 1^1 + 3^2 + 4^0 + 5^3 = 11 + 32 + 40 + 53 \\ &:= 1^3 + 2^6 + 2^6 + 7^1 = 13 + 26 + 26 + 71 \\ &:= 1^8 + 2^7 + 3^0 + 6^1 = 18 + 27 + 30 + 61 \\ &:= 1^0 + 1^0 + 2^3 + 4^0 + 5^3 = 10 + 10 + 23 + 40 + 53 \\ &:= 1^0 + 1^3 + 2^6 + 2^6 + 6^1 = 10 + 13 + 26 + 26 + 61 \\ &:= 1^0 + 1^8 + 2^7 + 3^0 + 5^1 = 10 + 18 + 27 + 30 + 51 \\ &:= 1^0 + 2^0 + 2^3 + 3^0 + 5^3 = 10 + 20 + 23 + 30 + 53 \\ &:= 1^1 + 1^2 + 2^6 + 2^6 + 6^1 = 11 + 12 + 26 + 26 + 61 \\ &:= 1^1 + 1^7 + 2^7 + 3^0 + 5^1 = 11 + 17 + 27 + 30 + 51 \\ &:= 1^1 + 1^9 + 2^3 + 3^0 + 5^3 = 11 + 19 + 23 + 30 + 53 \\ &:= 1^2 + 1^6 + 2^7 + 3^0 + 5^1 = 12 + 16 + 27 + 30 + 51 \\ &:= 1^2 + 1^8 + 2^3 + 3^0 + 5^3 = 12 + 18 + 23 + 30 + 53 \\ &:= 1^2 + 2^1 + 2^6 + 2^6 + 5^1 = 12 + 21 + 26 + 26 + 51 \\ &:= 1^2 + 2^6 + 2^6 + 3^1 + 4^1 = 12 + 26 + 26 + 31 + 41 \\ &:= 1^3 + 1^5 + 2^7 + 3^0 + 5^1 = 13 + 15 + 27 + 30 + 51 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^7 + 2^3 + 3^0 + 5^3 = 13 + 17 + 23 + 30 + 53 \\ &:= 1^4 + 1^4 + 2^7 + 3^0 + 5^1 = 14 + 14 + 27 + 30 + 51 \\ &:= 1^4 + 1^6 + 2^3 + 3^0 + 5^3 = 14 + 16 + 23 + 30 + 53 \\ &:= 1^4 + 2^2 + 2^6 + 3^1 + 4^3 = 14 + 22 + 26 + 31 + 43 \\ &:= 1^5 + 1^5 + 2^3 + 3^0 + 5^3 = 15 + 15 + 23 + 30 + 53 \\ &:= 1^6 + 2^1 + 2^2 + 2^7 + 5^0 = 16 + 21 + 22 + 27 + 50 \\ &:= 1^7 + 2^1 + 2^7 + 3^0 + 4^1 = 17 + 21 + 27 + 30 + 41 \\ &:= 1^7 + 2^7 + 3^0 + 3^1 + 3^1 = 17 + 27 + 30 + 31 + 31 \\ &:= 1^8 + 2^0 + 2^0 + 2^7 + 5^1 = 18 + 20 + 20 + 27 + 51 \\ &:= 1^8 + 2^1 + 2^2 + 2^2 + 5^3 = 18 + 21 + 22 + 22 + 53 \\ &:= 1^9 + 1^9 + 2^0 + 2^7 + 5^1 = 19 + 19 + 20 + 27 + 51 \\ &:= 2^0 + 2^0 + 2^0 + 2^3 + 5^3 = 20 + 20 + 20 + 23 + 53 \\ &:= 2^2 + 2^3 + 2^4 + 3^3 + 3^4 = 22 + 23 + 24 + 33 + 34 \\ &:= 2^2 + 2^4 + 2^5 + 3^1 + 3^4 = 22 + 24 + 25 + 31 + 34 \end{aligned}$$

2.2.38 Number 137

$$\begin{aligned} 137 &:= 1^9 + 2^0 + 2^7 + 7^1 = 19 + 20 + 27 + 71 \\ &:= 2^3 + 3^0 + 3^1 + 5^3 = 23 + 30 + 31 + 53 \\ &:= 1^0 + 1^2 + 3^0 + 3^2 + 5^3 = 10 + 12 + 30 + 32 + 53 \\ &:= 1^0 + 1^9 + 2^0 + 2^7 + 6^1 = 10 + 19 + 20 + 27 + 61 \\ &:= 1^0 + 2^1 + 2^3 + 3^0 + 5^3 = 10 + 21 + 23 + 30 + 53 \\ &:= 1^1 + 1^1 + 3^0 + 3^2 + 5^3 = 11 + 11 + 30 + 32 + 53 \\ &:= 1^1 + 1^8 + 2^0 + 2^7 + 6^1 = 11 + 18 + 20 + 27 + 61 \\ &:= 1^1 + 1^9 + 1^9 + 2^7 + 6^1 = 11 + 19 + 19 + 27 + 61 \\ &:= 1^2 + 1^7 + 2^0 + 2^7 + 6^1 = 12 + 17 + 20 + 27 + 61 \\ &:= 1^2 + 1^8 + 1^9 + 2^7 + 6^1 = 12 + 18 + 19 + 27 + 61 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^0 + 2^0 + 3^2 + 5^3 = 12 + 20 + 20 + 32 + 53 \\ &:= 1^3 + 1^6 + 2^0 + 2^7 + 6^1 = 13 + 16 + 20 + 27 + 61 \\ &:= 1^3 + 1^7 + 1^9 + 2^7 + 6^1 = 13 + 17 + 19 + 27 + 61 \\ &:= 1^3 + 1^8 + 1^8 + 2^7 + 6^1 = 13 + 18 + 18 + 27 + 61 \\ &:= 1^3 + 1^9 + 2^0 + 3^2 + 5^3 = 13 + 19 + 20 + 32 + 53 \\ &:= 1^4 + 1^5 + 2^0 + 2^7 + 6^1 = 14 + 15 + 20 + 27 + 61 \\ &:= 1^4 + 1^6 + 1^9 + 2^7 + 6^1 = 14 + 16 + 19 + 27 + 61 \\ &:= 1^4 + 1^7 + 1^8 + 2^7 + 6^1 = 14 + 17 + 18 + 27 + 61 \\ &:= 1^4 + 1^8 + 2^0 + 3^2 + 5^3 = 14 + 18 + 20 + 32 + 53 \\ &:= 1^4 + 1^9 + 1^9 + 3^2 + 5^3 = 14 + 19 + 19 + 32 + 53 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 1^5 + 1^9 + 2^7 + 6^1 = 15 + 15 + 19 + 27 + 61 \\
 &:= 1^5 + 1^6 + 1^8 + 2^7 + 6^1 = 15 + 16 + 18 + 27 + 61 \\
 &:= 1^5 + 1^7 + 1^7 + 2^7 + 6^1 = 15 + 17 + 17 + 27 + 61 \\
 &:= 1^5 + 1^7 + 2^0 + 3^2 + 5^3 = 15 + 17 + 20 + 32 + 53 \\
 &:= 1^5 + 1^8 + 1^9 + 3^2 + 5^3 = 15 + 18 + 19 + 32 + 53 \\
 &:= 1^6 + 1^6 + 1^7 + 2^7 + 6^1 = 16 + 16 + 17 + 27 + 61 \\
 &:= 1^6 + 1^6 + 2^0 + 3^2 + 5^3 = 16 + 16 + 20 + 32 + 53 \\
 &:= 1^6 + 1^7 + 1^9 + 3^2 + 5^3 = 16 + 17 + 19 + 32 + 53 \\
 &:= 1^6 + 1^8 + 1^8 + 3^2 + 5^3 = 16 + 18 + 18 + 32 + 53 \\
 &:= 1^7 + 1^7 + 1^8 + 3^2 + 5^3 = 17 + 17 + 18 + 32 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^0 + 3^3 + 3^3 + 3^4 = 17 + 20 + 33 + 33 + 34 \\
 &:= 1^7 + 2^2 + 2^7 + 3^1 + 4^0 = 17 + 22 + 27 + 31 + 40 \\
 &:= 1^8 + 1^9 + 3^3 + 3^3 + 3^4 = 18 + 19 + 33 + 33 + 34 \\
 &:= 1^8 + 2^0 + 2^1 + 2^7 + 5^1 = 18 + 20 + 21 + 27 + 51 \\
 &:= 1^8 + 2^0 + 2^7 + 3^1 + 4^1 = 18 + 20 + 27 + 31 + 41 \\
 &:= 1^9 + 1^9 + 2^1 + 2^7 + 5^1 = 19 + 19 + 21 + 27 + 51 \\
 &:= 1^9 + 1^9 + 2^7 + 3^1 + 4^1 = 19 + 19 + 27 + 31 + 41 \\
 &:= 2^0 + 2^0 + 2^1 + 2^3 + 5^3 = 20 + 20 + 21 + 23 + 53
 \end{aligned}$$

2.2.39 Number 138

$$\begin{aligned}
 138 &:= 2^0 + 2^7 + 9^1 = 20 + 27 + 91 \\
 &:= 1^0 + 2^0 + 2^7 + 8^1 = 10 + 20 + 27 + 81 \\
 &:= 1^1 + 1^9 + 2^7 + 8^1 = 11 + 19 + 27 + 81 \\
 &:= 1^2 + 1^8 + 2^7 + 8^1 = 12 + 18 + 27 + 81 \\
 &:= 1^3 + 1^7 + 2^7 + 8^1 = 13 + 17 + 27 + 81 \\
 &:= 1^4 + 1^6 + 2^7 + 8^1 = 14 + 16 + 27 + 81 \\
 &:= 1^5 + 1^5 + 2^7 + 8^1 = 15 + 15 + 27 + 81 \\
 &:= 1^8 + 2^3 + 2^7 + 7^0 = 18 + 23 + 27 + 70 \\
 &:= 1^9 + 2^1 + 2^7 + 7^1 = 19 + 21 + 27 + 71 \\
 &:= 1^9 + 2^7 + 3^1 + 6^1 = 19 + 27 + 31 + 61 \\
 &:= 1^9 + 2^7 + 4^1 + 5^1 = 19 + 27 + 41 + 51 \\
 &:= 2^0 + 3^2 + 4^3 + 4^3 = 20 + 32 + 43 + 43 \\
 &:= 2^2 + 2^3 + 4^0 + 5^3 = 22 + 23 + 40 + 53 \\
 &:= 1^0 + 1^0 + 2^0 + 2^7 + 7^1 = 10 + 10 + 20 + 27 + 71 \\
 &:= 1^0 + 1^1 + 1^9 + 2^7 + 7^1 = 10 + 11 + 19 + 27 + 71 \\
 &:= 1^0 + 1^2 + 1^8 + 2^7 + 7^1 = 10 + 12 + 18 + 27 + 71 \\
 &:= 1^0 + 1^3 + 1^7 + 2^7 + 7^1 = 10 + 13 + 17 + 27 + 71 \\
 &:= 1^0 + 1^4 + 1^6 + 2^7 + 7^1 = 10 + 14 + 16 + 27 + 71 \\
 &:= 1^0 + 1^5 + 1^5 + 2^7 + 7^1 = 10 + 15 + 15 + 27 + 71 \\
 &:= 1^0 + 1^9 + 2^1 + 2^7 + 6^1 = 10 + 19 + 21 + 27 + 61 \\
 &:= 1^0 + 1^9 + 2^3 + 4^3 + 4^3 = 10 + 19 + 23 + 43 + 43 \\
 &:= 1^0 + 1^9 + 2^7 + 3^1 + 5^1 = 10 + 19 + 27 + 31 + 51 \\
 &:= 1^0 + 1^9 + 2^7 + 4^1 + 4^1 = 10 + 19 + 27 + 41 + 41 \\
 &:= 1^1 + 1^1 + 1^8 + 2^7 + 7^1 = 11 + 11 + 18 + 27 + 71 \\
 &:= 1^1 + 1^2 + 1^7 + 2^7 + 7^1 = 11 + 12 + 17 + 27 + 71 \\
 &:= 1^1 + 1^3 + 1^6 + 2^7 + 7^1 = 11 + 13 + 16 + 27 + 71
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^4 + 1^5 + 2^7 + 7^1 = 11 + 14 + 15 + 27 + 71 \\
 &:= 1^1 + 1^8 + 2^1 + 2^7 + 6^1 = 11 + 18 + 21 + 27 + 61 \\
 &:= 1^1 + 1^8 + 2^3 + 4^3 + 4^3 = 11 + 18 + 23 + 43 + 43 \\
 &:= 1^1 + 1^8 + 2^7 + 3^1 + 5^1 = 11 + 18 + 27 + 31 + 51 \\
 &:= 1^1 + 1^8 + 2^7 + 4^1 + 4^1 = 11 + 18 + 27 + 41 + 41 \\
 &:= 1^1 + 2^0 + 2^3 + 3^1 + 5^3 = 11 + 20 + 23 + 31 + 53 \\
 &:= 1^1 + 2^4 + 2^5 + 2^6 + 5^2 = 11 + 24 + 25 + 26 + 52 \\
 &:= 1^2 + 1^2 + 1^6 + 2^7 + 7^1 = 12 + 12 + 16 + 27 + 71 \\
 &:= 1^2 + 1^3 + 1^5 + 2^7 + 7^1 = 12 + 13 + 15 + 27 + 71 \\
 &:= 1^2 + 1^4 + 1^4 + 2^7 + 7^1 = 12 + 14 + 14 + 27 + 71 \\
 &:= 1^2 + 1^7 + 2^1 + 2^7 + 6^1 = 12 + 17 + 21 + 27 + 61 \\
 &:= 1^2 + 1^7 + 2^3 + 4^3 + 4^3 = 12 + 17 + 23 + 43 + 43 \\
 &:= 1^2 + 1^7 + 2^7 + 3^1 + 5^1 = 12 + 17 + 27 + 31 + 51 \\
 &:= 1^2 + 1^7 + 2^7 + 4^1 + 4^1 = 12 + 17 + 27 + 41 + 41 \\
 &:= 1^2 + 1^9 + 2^3 + 3^1 + 5^3 = 12 + 19 + 23 + 31 + 53 \\
 &:= 1^2 + 2^0 + 2^1 + 3^2 + 5^3 = 12 + 20 + 21 + 32 + 53 \\
 &:= 1^3 + 1^3 + 1^4 + 2^7 + 7^1 = 13 + 13 + 14 + 27 + 71 \\
 &:= 1^3 + 1^6 + 2^1 + 2^7 + 6^1 = 13 + 16 + 21 + 27 + 61 \\
 &:= 1^3 + 1^6 + 2^3 + 4^3 + 4^3 = 13 + 16 + 23 + 43 + 43 \\
 &:= 1^3 + 1^6 + 2^7 + 3^1 + 5^1 = 13 + 16 + 27 + 31 + 51 \\
 &:= 1^3 + 1^6 + 2^7 + 4^1 + 4^1 = 13 + 16 + 27 + 41 + 41 \\
 &:= 1^3 + 1^8 + 2^3 + 3^1 + 5^3 = 13 + 18 + 23 + 31 + 53 \\
 &:= 1^3 + 1^9 + 2^1 + 3^2 + 5^3 = 13 + 19 + 21 + 32 + 53 \\
 &:= 1^3 + 2^2 + 2^6 + 2^6 + 5^1 = 13 + 22 + 26 + 26 + 51 \\
 &:= 1^3 + 2^3 + 2^6 + 2^6 + 5^0 = 13 + 23 + 26 + 26 + 50 \\
 &:= 1^3 + 2^5 + 2^5 + 3^2 + 4^3 = 13 + 25 + 25 + 32 + 43
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^5 + 2^1 + 2^7 + 6^1 = 14 + 15 + 21 + 27 + 61 \\ &:= 1^4 + 1^5 + 2^3 + 4^3 + 4^3 = 14 + 15 + 23 + 43 + 43 \\ &:= 1^4 + 1^5 + 2^7 + 3^1 + 5^1 = 14 + 15 + 27 + 31 + 51 \\ &:= 1^4 + 1^5 + 2^7 + 4^1 + 4^1 = 14 + 15 + 27 + 41 + 41 \\ &:= 1^4 + 1^7 + 2^3 + 3^1 + 5^3 = 14 + 17 + 23 + 31 + 53 \\ &:= 1^4 + 1^8 + 2^1 + 3^2 + 5^3 = 14 + 18 + 21 + 32 + 53 \\ &:= 1^4 + 2^3 + 2^5 + 3^4 + 4^2 = 14 + 23 + 25 + 34 + 42 \\ &:= 1^5 + 1^6 + 2^3 + 3^1 + 5^3 = 15 + 16 + 23 + 31 + 53 \\ &:= 1^5 + 1^7 + 2^1 + 3^2 + 5^3 = 15 + 17 + 21 + 32 + 53 \\ &:= 1^6 + 1^6 + 2^1 + 3^2 + 5^3 = 16 + 16 + 21 + 32 + 53 \\ &:= 1^6 + 2^3 + 2^6 + 3^0 + 4^3 = 16 + 23 + 26 + 30 + 43 \\ &:= 1^7 + 2^1 + 3^3 + 3^3 + 3^4 = 17 + 21 + 33 + 33 + 34 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^2 + 2^2 + 2^7 + 5^0 = 17 + 22 + 22 + 27 + 50 \\ &:= 1^8 + 2^1 + 2^1 + 2^7 + 5^1 = 18 + 21 + 21 + 27 + 51 \\ &:= 1^8 + 2^1 + 2^7 + 3^1 + 4^1 = 18 + 21 + 27 + 31 + 41 \\ &:= 1^8 + 2^2 + 2^7 + 3^0 + 4^1 = 18 + 22 + 27 + 30 + 41 \\ &:= 1^8 + 2^7 + 3^1 + 3^1 + 3^1 = 18 + 27 + 31 + 31 + 31 \\ &:= 1^9 + 2^2 + 2^2 + 2^2 + 5^3 = 19 + 22 + 22 + 22 + 53 \\ &:= 2^0 + 2^1 + 2^1 + 2^3 + 5^3 = 20 + 21 + 21 + 23 + 53 \\ &:= 2^2 + 2^4 + 2^6 + 3^3 + 3^3 = 22 + 24 + 26 + 33 + 33 \\ &:= 2^4 + 2^4 + 2^4 + 3^2 + 3^4 = 24 + 24 + 24 + 32 + 34 \\ &:= 2^5 + 2^5 + 2^6 + 3^0 + 3^2 = 25 + 25 + 26 + 30 + 32 \end{aligned}$$

2.2.40 Number 139

$$\begin{aligned} 139 &:= 1^1 + 2^7 + 10^1 = 11 + 27 + 101 \\ &:= 2^1 + 2^7 + 9^1 = 21 + 27 + 91 \\ &:= 2^7 + 3^1 + 8^1 = 27 + 31 + 81 \\ &:= 2^7 + 4^1 + 7^1 = 27 + 41 + 71 \\ &:= 2^7 + 5^1 + 6^1 = 27 + 51 + 61 \\ &:= 1^0 + 1^1 + 2^7 + 9^1 = 10 + 11 + 27 + 91 \\ &:= 1^0 + 2^1 + 2^7 + 8^1 = 10 + 21 + 27 + 81 \\ &:= 1^0 + 2^3 + 3^4 + 7^2 = 10 + 23 + 34 + 72 \\ &:= 1^0 + 2^7 + 3^1 + 7^1 = 10 + 27 + 31 + 71 \\ &:= 1^0 + 2^7 + 3^2 + 7^0 = 10 + 27 + 32 + 70 \\ &:= 1^0 + 2^7 + 4^1 + 6^1 = 10 + 27 + 41 + 61 \\ &:= 1^0 + 2^7 + 5^1 + 5^1 = 10 + 27 + 51 + 51 \\ &:= 1^2 + 2^3 + 5^1 + 5^3 = 12 + 23 + 51 + 53 \\ &:= 1^3 + 3^2 + 4^1 + 5^3 = 13 + 32 + 41 + 53 \\ &:= 2^0 + 2^7 + 3^2 + 6^0 = 20 + 27 + 32 + 60 \\ &:= 2^1 + 3^2 + 4^3 + 4^3 = 21 + 32 + 43 + 43 \\ &:= 2^7 + 3^0 + 3^2 + 5^0 = 27 + 30 + 32 + 50 \\ &:= 2^7 + 3^2 + 4^0 + 4^0 = 27 + 32 + 40 + 40 \\ &:= 1^0 + 1^0 + 1^1 + 2^7 + 8^1 = 10 + 10 + 11 + 27 + 81 \\ &:= 1^0 + 1^0 + 2^1 + 2^7 + 7^1 = 10 + 10 + 21 + 27 + 71 \\ &:= 1^0 + 1^0 + 2^7 + 3^1 + 6^1 = 10 + 10 + 27 + 31 + 61 \\ &:= 1^0 + 1^0 + 2^7 + 4^1 + 5^1 = 10 + 10 + 27 + 41 + 51 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^1 + 3^2 + 4^3 + 4^3 = 10 + 11 + 32 + 43 + 43 \\ &:= 1^0 + 1^2 + 2^3 + 4^1 + 5^3 = 10 + 12 + 23 + 41 + 53 \\ &:= 1^0 + 1^3 + 3^1 + 3^2 + 5^3 = 10 + 13 + 31 + 32 + 53 \\ &:= 1^0 + 1^9 + 2^3 + 2^7 + 6^0 = 10 + 19 + 23 + 27 + 60 \\ &:= 1^1 + 1^1 + 2^3 + 4^1 + 5^3 = 11 + 11 + 23 + 41 + 53 \\ &:= 1^1 + 1^2 + 3^1 + 3^2 + 5^3 = 11 + 12 + 31 + 32 + 53 \\ &:= 1^1 + 1^8 + 2^3 + 2^7 + 6^0 = 11 + 18 + 23 + 27 + 60 \\ &:= 1^1 + 2^1 + 2^3 + 3^1 + 5^3 = 11 + 21 + 23 + 31 + 53 \\ &:= 1^1 + 2^2 + 2^3 + 3^0 + 5^3 = 11 + 22 + 23 + 30 + 53 \\ &:= 1^2 + 1^7 + 2^3 + 2^7 + 6^0 = 12 + 17 + 23 + 27 + 60 \\ &:= 1^2 + 2^1 + 2^1 + 3^2 + 5^3 = 12 + 21 + 21 + 32 + 53 \\ &:= 1^3 + 1^6 + 2^3 + 2^7 + 6^0 = 13 + 16 + 23 + 27 + 60 \\ &:= 1^4 + 1^5 + 2^3 + 2^7 + 6^0 = 14 + 15 + 23 + 27 + 60 \\ &:= 1^5 + 2^6 + 2^6 + 3^2 + 4^0 = 15 + 26 + 26 + 32 + 40 \\ &:= 1^8 + 2^0 + 2^6 + 3^2 + 4^3 = 18 + 20 + 26 + 32 + 43 \\ &:= 1^9 + 1^9 + 2^6 + 3^2 + 4^3 = 19 + 19 + 26 + 32 + 43 \\ &:= 1^9 + 2^0 + 2^2 + 2^7 + 5^1 = 19 + 20 + 22 + 27 + 51 \\ &:= 1^9 + 2^0 + 2^3 + 2^7 + 5^0 = 19 + 20 + 23 + 27 + 50 \\ &:= 1^9 + 2^3 + 2^7 + 3^0 + 4^0 = 19 + 23 + 27 + 30 + 40 \\ &:= 2^1 + 2^1 + 2^1 + 2^3 + 5^3 = 21 + 21 + 21 + 23 + 53 \end{aligned}$$

2.2.41 Number 140

$$\begin{aligned}
 140 &:= 2^0 + 2^2 + 2^7 + 7^1 = 20 + 22 + 27 + 71 \\
 &:= 2^1 + 2^7 + 3^2 + 6^0 = 21 + 27 + 32 + 60 \\
 &:= 1^0 + 1^1 + 2^7 + 3^2 + 6^0 = 10 + 11 + 27 + 32 + 60 \\
 &:= 1^0 + 1^9 + 2^5 + 3^4 + 5^2 = 10 + 19 + 25 + 34 + 52 \\
 &:= 1^0 + 2^0 + 2^2 + 2^7 + 6^1 = 10 + 20 + 22 + 27 + 61 \\
 &:= 1^1 + 1^8 + 2^5 + 3^4 + 5^2 = 11 + 18 + 25 + 34 + 52 \\
 &:= 1^1 + 1^9 + 2^2 + 2^7 + 6^1 = 11 + 19 + 22 + 27 + 61 \\
 &:= 1^1 + 2^0 + 2^7 + 3^2 + 5^0 = 11 + 20 + 27 + 32 + 50 \\
 &:= 1^1 + 2^7 + 3^0 + 3^2 + 4^0 = 11 + 27 + 30 + 32 + 40 \\
 &:= 1^2 + 1^7 + 2^5 + 3^4 + 5^2 = 12 + 17 + 25 + 34 + 52 \\
 &:= 1^2 + 1^8 + 2^2 + 2^7 + 6^1 = 12 + 18 + 22 + 27 + 61 \\
 &:= 1^2 + 1^9 + 2^7 + 3^2 + 5^0 = 12 + 19 + 27 + 32 + 50 \\
 &:= 1^3 + 1^6 + 2^5 + 3^4 + 5^2 = 13 + 16 + 25 + 34 + 52 \\
 &:= 1^3 + 1^7 + 2^2 + 2^7 + 6^1 = 13 + 17 + 22 + 27 + 61 \\
 &:= 1^3 + 1^8 + 2^7 + 3^2 + 5^0 = 13 + 18 + 27 + 32 + 50 \\
 &:= 1^3 + 2^0 + 2^2 + 3^2 + 5^3 = 13 + 20 + 22 + 32 + 53 \\
 &:= 1^4 + 1^5 + 2^5 + 3^4 + 5^2 = 14 + 15 + 25 + 34 + 52
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 1^6 + 2^2 + 2^7 + 6^1 = 14 + 16 + 22 + 27 + 61 \\
 &:= 1^4 + 1^7 + 2^7 + 3^2 + 5^0 = 14 + 17 + 27 + 32 + 50 \\
 &:= 1^4 + 1^9 + 2^2 + 3^2 + 5^3 = 14 + 19 + 22 + 32 + 53 \\
 &:= 1^4 + 2^5 + 2^6 + 3^3 + 4^2 = 14 + 25 + 26 + 33 + 42 \\
 &:= 1^5 + 1^5 + 2^2 + 2^7 + 6^1 = 15 + 15 + 22 + 27 + 61 \\
 &:= 1^5 + 1^6 + 2^7 + 3^2 + 5^0 = 15 + 16 + 27 + 32 + 50 \\
 &:= 1^5 + 1^8 + 2^2 + 3^2 + 5^3 = 15 + 18 + 22 + 32 + 53 \\
 &:= 1^5 + 2^4 + 2^5 + 3^3 + 4^3 = 15 + 24 + 25 + 33 + 43 \\
 &:= 1^6 + 1^7 + 2^2 + 3^2 + 5^3 = 16 + 17 + 22 + 32 + 53 \\
 &:= 1^7 + 2^3 + 2^6 + 3^1 + 4^3 = 17 + 23 + 26 + 31 + 43 \\
 &:= 1^8 + 2^1 + 2^6 + 3^2 + 4^3 = 18 + 21 + 26 + 32 + 43 \\
 &:= 1^8 + 2^2 + 3^3 + 3^3 + 3^4 = 18 + 22 + 33 + 33 + 34 \\
 &:= 1^9 + 2^1 + 2^2 + 2^7 + 5^1 = 19 + 21 + 22 + 27 + 51 \\
 &:= 1^9 + 2^1 + 2^3 + 2^7 + 5^0 = 19 + 21 + 23 + 27 + 50 \\
 &:= 1^9 + 2^2 + 2^7 + 3^1 + 4^1 = 19 + 22 + 27 + 31 + 41 \\
 &:= 2^3 + 2^5 + 2^5 + 2^6 + 4^1 = 23 + 25 + 25 + 26 + 41
 \end{aligned}$$

2.2.42 Number 141

$$\begin{aligned}
 141 &:= 1^0 + 2^6 + 3^3 + 7^2 = 10 + 26 + 33 + 72 \\
 &:= 1^1 + 2^2 + 2^7 + 8^1 = 11 + 22 + 27 + 81 \\
 &:= 2^1 + 2^2 + 2^7 + 7^1 = 21 + 22 + 27 + 71 \\
 &:= 2^2 + 2^7 + 3^1 + 6^1 = 22 + 27 + 31 + 61 \\
 &:= 2^2 + 2^7 + 4^1 + 5^1 = 22 + 27 + 41 + 51 \\
 &:= 2^3 + 2^7 + 4^1 + 5^0 = 23 + 27 + 41 + 50 \\
 &:= 1^0 + 1^1 + 2^2 + 2^7 + 7^1 = 10 + 11 + 22 + 27 + 71 \\
 &:= 1^0 + 2^1 + 2^2 + 2^7 + 6^1 = 10 + 21 + 22 + 27 + 61 \\
 &:= 1^0 + 2^2 + 2^3 + 4^3 + 4^3 = 10 + 22 + 23 + 43 + 43 \\
 &:= 1^0 + 2^2 + 2^7 + 3^1 + 5^1 = 10 + 22 + 27 + 31 + 51
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^2 + 2^7 + 4^1 + 4^1 = 10 + 22 + 27 + 41 + 41 \\
 &:= 1^0 + 2^3 + 2^7 + 3^1 + 5^0 = 10 + 23 + 27 + 31 + 50 \\
 &:= 1^1 + 2^1 + 2^7 + 3^2 + 5^0 = 11 + 21 + 27 + 32 + 50 \\
 &:= 1^2 + 2^2 + 2^3 + 3^1 + 5^3 = 12 + 22 + 23 + 31 + 53 \\
 &:= 1^3 + 2^1 + 2^2 + 3^2 + 5^3 = 13 + 21 + 22 + 32 + 53 \\
 &:= 2^0 + 2^3 + 2^7 + 3^1 + 4^0 = 20 + 23 + 27 + 31 + 40 \\
 &:= 2^2 + 2^2 + 2^2 + 2^2 + 5^3 = 22 + 22 + 22 + 22 + 53 \\
 &:= 2^3 + 2^7 + 3^0 + 3^0 + 3^1 = 23 + 27 + 30 + 30 + 31
 \end{aligned}$$

2.2.43 Number 142

$$\begin{aligned}
 142 &:= 1^0 + 2^2 + 2^3 + 2^7 + 6^0 = 10 + 22 + 23 + 27 + 60 \\
 &:= 1^0 + 2^5 + 3^3 + 3^4 + 4^0 = 10 + 25 + 33 + 34 + 40 \\
 &:= 1^1 + 2^3 + 2^7 + 4^0 + 4^1 = 11 + 23 + 27 + 40 + 41 \\
 &:= 1^2 + 2^7 + 3^1 + 3^2 + 4^0 = 12 + 27 + 31 + 32 + 40 \\
 &:= 1^6 + 2^3 + 2^6 + 2^6 + 5^1 = 16 + 23 + 26 + 26 + 51 \\
 &:= 1^7 + 2^6 + 2^6 + 3^2 + 4^1 = 17 + 26 + 26 + 32 + 41 \\
 &:= 1^9 + 2^2 + 2^6 + 3^2 + 4^3 = 19 + 22 + 26 + 32 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^2 + 2^2 + 2^7 + 5^1 = 20 + 22 + 22 + 27 + 51 \\
 &:= 2^0 + 2^2 + 2^3 + 2^7 + 5^0 = 20 + 22 + 23 + 27 + 50 \\
 &:= 2^0 + 2^5 + 3^0 + 3^3 + 3^4 = 20 + 25 + 30 + 33 + 34 \\
 &:= 2^1 + 2^3 + 2^7 + 3^1 + 4^0 = 21 + 23 + 27 + 31 + 40 \\
 &:= 2^2 + 2^3 + 2^7 + 3^0 + 4^0 = 22 + 23 + 27 + 30 + 40
 \end{aligned}$$

2.2.44 Number 143

$$\begin{aligned} 143 &:= 1^6 + 2^4 + 5^0 + 5^3 = 16 + 24 + 50 + 53 & & := 1^4 + 2^2 + 2^2 + 3^2 + 5^3 = 14 + 22 + 22 + 32 + 53 \\ &:= 1^8 + 3^0 + 4^2 + 5^3 = 18 + 30 + 42 + 53 & & := 1^4 + 2^3 + 2^3 + 3^0 + 5^3 = 14 + 23 + 23 + 30 + 53 \\ &:= 1^0 + 2^2 + 2^5 + 3^4 + 5^2 = 10 + 22 + 25 + 34 + 52 & & := 2^1 + 2^2 + 2^2 + 2^7 + 5^1 = 21 + 22 + 22 + 27 + 51 \\ &:= 1^1 + 2^2 + 2^2 + 2^7 + 6^1 = 11 + 22 + 22 + 27 + 61 & & := 2^1 + 2^2 + 2^3 + 2^7 + 5^0 = 21 + 22 + 23 + 27 + 50 \\ &:= 1^2 + 2^2 + 2^7 + 3^2 + 5^0 = 12 + 22 + 27 + 32 + 50 & & := 2^1 + 2^5 + 3^0 + 3^3 + 3^4 = 21 + 25 + 30 + 33 + 34 \\ &:= 1^2 + 2^3 + 2^7 + 3^0 + 5^1 = 12 + 23 + 27 + 30 + 51 & & := 2^2 + 2^2 + 2^7 + 3^1 + 4^1 = 22 + 22 + 27 + 31 + 41 \\ &:= 1^3 + 2^7 + 3^0 + 3^2 + 4^1 = 13 + 27 + 30 + 32 + 41 \end{aligned}$$

2.2.45 Number 144

$$\begin{aligned} 144 &:= 1^0 + 1^7 + 2^4 + 4^0 + 5^3 = 10 + 17 + 24 + 40 + 53 & & := 1^4 + 2^0 + 2^7 + 3^2 + 5^1 = 14 + 20 + 27 + 32 + 51 \\ &:= 1^0 + 1^9 + 2^0 + 4^2 + 5^3 = 10 + 19 + 20 + 42 + 53 & & := 1^5 + 1^5 + 1^9 + 4^2 + 5^3 = 15 + 15 + 19 + 42 + 53 \\ &:= 1^1 + 1^6 + 2^4 + 4^0 + 5^3 = 11 + 16 + 24 + 40 + 53 & & := 1^5 + 1^6 + 1^8 + 4^2 + 5^3 = 15 + 16 + 18 + 42 + 53 \\ &:= 1^1 + 1^8 + 2^0 + 4^2 + 5^3 = 11 + 18 + 20 + 42 + 53 & & := 1^5 + 1^7 + 1^7 + 4^2 + 5^3 = 15 + 17 + 17 + 42 + 53 \\ &:= 1^1 + 1^9 + 1^9 + 4^2 + 5^3 = 11 + 19 + 19 + 42 + 53 & & := 1^5 + 1^8 + 2^3 + 2^7 + 6^1 = 15 + 18 + 23 + 27 + 61 \\ &:= 1^2 + 1^5 + 2^4 + 4^0 + 5^3 = 12 + 15 + 24 + 40 + 53 & & := 1^5 + 1^9 + 2^7 + 3^2 + 5^1 = 15 + 19 + 27 + 32 + 51 \\ &:= 1^2 + 1^7 + 2^0 + 4^2 + 5^3 = 12 + 17 + 20 + 42 + 53 & & := 1^6 + 1^6 + 1^7 + 4^2 + 5^3 = 16 + 16 + 17 + 42 + 53 \\ &:= 1^2 + 1^8 + 1^9 + 4^2 + 5^3 = 12 + 18 + 19 + 42 + 53 & & := 1^6 + 1^7 + 2^3 + 2^7 + 6^1 = 16 + 17 + 23 + 27 + 61 \\ &:= 1^3 + 1^4 + 2^4 + 4^0 + 5^3 = 13 + 14 + 24 + 40 + 53 & & := 1^6 + 1^8 + 2^7 + 3^2 + 5^1 = 16 + 18 + 27 + 32 + 51 \\ &:= 1^3 + 1^6 + 2^0 + 4^2 + 5^3 = 13 + 16 + 20 + 42 + 53 & & := 1^6 + 2^0 + 2^3 + 3^2 + 5^3 = 16 + 20 + 23 + 32 + 53 \\ &:= 1^3 + 1^7 + 1^9 + 4^2 + 5^3 = 13 + 17 + 19 + 42 + 53 & & := 1^7 + 1^7 + 2^7 + 3^2 + 5^1 = 17 + 17 + 27 + 32 + 51 \\ &:= 1^3 + 1^8 + 1^8 + 4^2 + 5^3 = 13 + 18 + 18 + 42 + 53 & & := 1^7 + 1^9 + 2^3 + 3^2 + 5^3 = 17 + 19 + 23 + 32 + 53 \\ &:= 1^3 + 2^0 + 2^3 + 2^7 + 6^1 = 13 + 20 + 23 + 27 + 61 & & := 1^7 + 2^0 + 2^4 + 3^0 + 5^3 = 17 + 20 + 24 + 30 + 53 \\ &:= 1^4 + 1^5 + 2^0 + 4^2 + 5^3 = 14 + 15 + 20 + 42 + 53 & & := 1^8 + 1^8 + 2^3 + 3^2 + 5^3 = 18 + 18 + 23 + 32 + 53 \\ &:= 1^4 + 1^6 + 1^9 + 4^2 + 5^3 = 14 + 16 + 19 + 42 + 53 & & := 1^8 + 1^9 + 2^4 + 3^0 + 5^3 = 18 + 19 + 24 + 30 + 53 \\ &:= 1^4 + 1^7 + 1^8 + 4^2 + 5^3 = 14 + 17 + 18 + 42 + 53 \\ &:= 1^4 + 1^9 + 2^3 + 2^7 + 6^1 = 14 + 19 + 23 + 27 + 61 \end{aligned}$$

2.2.46 Number 145

$$\begin{aligned} 145 &:= 1^3 + 2^4 + 2^6 + 8^2 = 13 + 24 + 26 + 82 & & := 1^0 + 1^8 + 3^2 + 3^2 + 5^3 = 10 + 18 + 32 + 32 + 53 \\ &:= 1^4 + 2^3 + 2^7 + 8^1 = 14 + 23 + 27 + 81 & & := 1^0 + 1^9 + 2^1 + 4^2 + 5^3 = 10 + 19 + 21 + 42 + 53 \\ &:= 1^5 + 2^7 + 3^2 + 7^1 = 15 + 27 + 32 + 71 & & := 1^0 + 2^5 + 2^5 + 4^2 + 4^3 = 10 + 25 + 25 + 42 + 43 \\ &:= 1^6 + 3^3 + 3^4 + 6^2 = 16 + 33 + 34 + 62 & & := 1^1 + 1^3 + 2^3 + 2^7 + 7^1 = 11 + 13 + 23 + 27 + 71 \\ &:= 1^7 + 4^2 + 4^3 + 4^3 = 17 + 42 + 43 + 43 & & := 1^1 + 1^4 + 2^7 + 3^2 + 6^1 = 11 + 14 + 27 + 32 + 61 \\ &:= 1^9 + 3^1 + 4^2 + 5^3 = 19 + 31 + 42 + 53 & & := 1^1 + 1^7 + 3^2 + 3^2 + 5^3 = 11 + 17 + 32 + 32 + 53 \\ &:= 1^0 + 1^4 + 2^3 + 2^7 + 7^1 = 10 + 14 + 23 + 27 + 71 & & := 1^1 + 1^8 + 2^1 + 4^2 + 5^3 = 11 + 18 + 21 + 42 + 53 \\ &:= 1^0 + 1^5 + 2^7 + 3^2 + 6^1 = 10 + 15 + 27 + 32 + 61 & & := 1^2 + 1^2 + 2^3 + 2^7 + 7^1 = 12 + 12 + 23 + 27 + 71 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^3 + 2^7 + 3^2 + 6^1 = 12 + 13 + 27 + 32 + 61 \\ &:= 1^2 + 1^6 + 3^2 + 3^2 + 5^3 = 12 + 16 + 32 + 32 + 53 \\ &:= 1^2 + 1^7 + 2^1 + 4^2 + 5^3 = 12 + 17 + 21 + 42 + 53 \\ &:= 1^2 + 2^5 + 3^3 + 3^4 + 4^1 = 12 + 25 + 33 + 34 + 41 \\ &:= 1^3 + 1^5 + 3^2 + 3^2 + 5^3 = 13 + 15 + 32 + 32 + 53 \\ &:= 1^3 + 1^6 + 2^1 + 4^2 + 5^3 = 13 + 16 + 21 + 42 + 53 \\ &:= 1^3 + 2^1 + 2^3 + 2^7 + 6^1 = 13 + 21 + 23 + 27 + 61 \\ &:= 1^3 + 2^3 + 2^3 + 4^3 + 4^3 = 13 + 23 + 23 + 43 + 43 \\ &:= 1^3 + 2^3 + 2^7 + 3^1 + 5^1 = 13 + 23 + 27 + 31 + 51 \\ &:= 1^3 + 2^3 + 2^7 + 4^1 + 4^1 = 13 + 23 + 27 + 41 + 41 \\ &:= 1^3 + 3^2 + 3^3 + 3^3 + 3^4 = 13 + 32 + 33 + 33 + 34 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^4 + 3^2 + 3^2 + 5^3 = 14 + 14 + 32 + 32 + 53 \\ &:= 1^4 + 1^5 + 2^1 + 4^2 + 5^3 = 14 + 15 + 21 + 42 + 53 \\ &:= 1^4 + 2^1 + 2^7 + 3^2 + 5^1 = 14 + 21 + 27 + 32 + 51 \\ &:= 1^4 + 2^7 + 3^1 + 3^2 + 4^1 = 14 + 27 + 31 + 32 + 41 \\ &:= 1^5 + 2^3 + 2^3 + 3^1 + 5^3 = 15 + 23 + 23 + 31 + 53 \\ &:= 1^6 + 2^1 + 2^3 + 3^2 + 5^3 = 16 + 21 + 23 + 32 + 53 \\ &:= 1^7 + 2^1 + 2^4 + 3^0 + 5^3 = 17 + 21 + 24 + 30 + 53 \\ &:= 2^2 + 2^2 + 2^6 + 3^2 + 4^3 = 22 + 22 + 26 + 32 + 43 \\ &:= 2^3 + 2^3 + 2^6 + 3^0 + 4^3 = 23 + 23 + 26 + 30 + 43 \end{aligned}$$

2.2.47 Number 146

$$\begin{aligned} 146 &:= 1^0 + 1^4 + 12^2 = 10 + 14 + 122 \\ &:= 1^1 + 1^3 + 12^2 = 11 + 13 + 122 \\ &:= 1^1 + 4^3 + 9^2 = 11 + 43 + 92 \\ &:= 1^2 + 1^2 + 12^2 = 12 + 12 + 122 \\ &:= 3^0 + 3^4 + 8^2 = 30 + 34 + 82 \\ &:= 4^2 + 5^1 + 5^3 = 42 + 51 + 53 \\ &:= 1^0 + 4^1 + 4^2 + 5^3 = 10 + 41 + 42 + 53 \\ &:= 1^5 + 2^4 + 2^7 + 8^0 = 15 + 24 + 27 + 80 \\ &:= 1^7 + 2^7 + 4^2 + 6^0 = 17 + 27 + 42 + 60 \\ &:= 1^0 + 1^0 + 3^1 + 4^2 + 5^3 = 10 + 10 + 31 + 42 + 53 \\ &:= 1^0 + 2^4 + 2^6 + 2^6 + 6^0 = 10 + 24 + 26 + 26 + 60 \\ &:= 1^2 + 2^6 + 2^6 + 4^0 + 4^2 = 12 + 26 + 26 + 40 + 42 \\ &:= 1^3 + 2^3 + 2^3 + 2^7 + 6^0 = 13 + 23 + 23 + 27 + 60 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^4 + 2^6 + 4^0 + 4^3 = 13 + 24 + 26 + 40 + 43 \\ &:= 1^5 + 2^0 + 2^6 + 4^2 + 4^3 = 15 + 20 + 26 + 42 + 43 \\ &:= 1^6 + 1^9 + 2^6 + 4^2 + 4^3 = 16 + 19 + 26 + 42 + 43 \\ &:= 1^6 + 2^0 + 2^4 + 4^3 + 4^3 = 16 + 20 + 24 + 43 + 43 \\ &:= 1^7 + 1^8 + 2^6 + 4^2 + 4^3 = 17 + 18 + 26 + 42 + 43 \\ &:= 1^7 + 1^9 + 2^4 + 4^3 + 4^3 = 17 + 19 + 24 + 43 + 43 \\ &:= 1^8 + 1^8 + 2^4 + 4^3 + 4^3 = 18 + 18 + 24 + 43 + 43 \\ &:= 1^8 + 2^0 + 2^4 + 3^1 + 5^3 = 18 + 20 + 24 + 31 + 53 \\ &:= 1^9 + 1^9 + 2^4 + 3^1 + 5^3 = 19 + 19 + 24 + 31 + 53 \\ &:= 2^0 + 2^4 + 2^6 + 2^6 + 5^0 = 20 + 24 + 26 + 26 + 50 \\ &:= 2^4 + 2^6 + 2^6 + 3^0 + 4^0 = 24 + 26 + 26 + 30 + 40 \end{aligned}$$

2.2.48 Number 147

$$\begin{aligned} 147 &:= 1^0 + 1^9 + 2^6 + 9^2 = 10 + 19 + 26 + 92 \\ &:= 1^0 + 3^4 + 4^3 + 6^0 = 10 + 34 + 43 + 60 \\ &:= 1^1 + 1^8 + 2^6 + 9^2 = 11 + 18 + 26 + 92 \\ &:= 1^1 + 2^0 + 3^4 + 8^2 = 11 + 20 + 34 + 82 \\ &:= 1^2 + 1^7 + 2^6 + 9^2 = 12 + 17 + 26 + 92 \\ &:= 1^2 + 1^9 + 3^4 + 8^2 = 12 + 19 + 34 + 82 \\ &:= 1^3 + 1^6 + 2^6 + 9^2 = 13 + 16 + 26 + 92 \\ &:= 1^3 + 1^8 + 3^4 + 8^2 = 13 + 18 + 34 + 82 \\ &:= 1^4 + 1^5 + 2^6 + 9^2 = 14 + 15 + 26 + 92 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^7 + 3^4 + 8^2 = 14 + 17 + 34 + 82 \\ &:= 1^5 + 1^6 + 3^4 + 8^2 = 15 + 16 + 34 + 82 \\ &:= 1^7 + 2^4 + 3^4 + 7^2 = 17 + 24 + 34 + 72 \\ &:= 1^7 + 2^6 + 3^4 + 7^0 = 17 + 26 + 34 + 70 \\ &:= 1^9 + 2^4 + 5^1 + 5^3 = 19 + 24 + 51 + 53 \\ &:= 2^0 + 3^4 + 4^3 + 5^0 = 20 + 34 + 43 + 50 \\ &:= 3^0 + 3^4 + 4^0 + 4^3 = 30 + 34 + 40 + 43 \\ &:= 1^0 + 1^4 + 2^5 + 2^6 + 7^2 = 10 + 14 + 25 + 26 + 72 \\ &:= 1^0 + 1^6 + 2^4 + 2^7 + 7^0 = 10 + 16 + 24 + 27 + 70 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^8 + 2^7 + 4^2 + 5^0 = 10 + 18 + 27 + 42 + 50 \\
 &:= 1^0 + 1^9 + 2^4 + 4^1 + 5^3 = 10 + 19 + 24 + 41 + 53 \\
 &:= 1^0 + 2^0 + 2^2 + 4^2 + 5^3 = 10 + 20 + 22 + 42 + 53 \\
 &:= 1^1 + 1^3 + 2^5 + 2^6 + 7^2 = 11 + 13 + 25 + 26 + 72 \\
 &:= 1^1 + 1^5 + 2^4 + 2^7 + 7^0 = 11 + 15 + 24 + 27 + 70 \\
 &:= 1^1 + 1^7 + 2^7 + 4^2 + 5^0 = 11 + 17 + 27 + 42 + 50 \\
 &:= 1^1 + 1^8 + 2^4 + 4^1 + 5^3 = 11 + 18 + 24 + 41 + 53 \\
 &:= 1^1 + 1^9 + 2^2 + 4^2 + 5^3 = 11 + 19 + 22 + 42 + 53 \\
 &:= 1^2 + 1^2 + 2^5 + 2^6 + 7^2 = 12 + 12 + 25 + 26 + 72 \\
 &:= 1^2 + 1^4 + 2^4 + 2^7 + 7^0 = 12 + 14 + 24 + 27 + 70 \\
 &:= 1^2 + 1^6 + 2^7 + 4^2 + 5^0 = 12 + 16 + 27 + 42 + 50 \\
 &:= 1^2 + 1^7 + 2^4 + 4^1 + 5^3 = 12 + 17 + 24 + 41 + 53 \\
 &:= 1^2 + 1^8 + 2^2 + 4^2 + 5^3 = 12 + 18 + 22 + 42 + 53 \\
 &:= 1^3 + 1^3 + 2^4 + 2^7 + 7^0 = 13 + 13 + 24 + 27 + 70 \\
 &:= 1^3 + 1^5 + 2^7 + 4^2 + 5^0 = 13 + 15 + 27 + 42 + 50 \\
 &:= 1^3 + 1^6 + 2^4 + 4^1 + 5^3 = 13 + 16 + 24 + 41 + 53 \\
 &:= 1^3 + 1^7 + 2^2 + 4^2 + 5^3 = 13 + 17 + 22 + 42 + 53 \\
 &:= 1^3 + 2^3 + 2^5 + 3^4 + 5^2 = 13 + 23 + 25 + 34 + 52 \\
 &:= 1^3 + 2^5 + 2^5 + 3^4 + 5^0 = 13 + 25 + 25 + 34 + 50 \\
 &:= 1^4 + 1^4 + 2^7 + 4^2 + 5^0 = 14 + 14 + 27 + 42 + 50 \\
 &:= 1^4 + 1^5 + 2^4 + 4^1 + 5^3 = 14 + 15 + 24 + 41 + 53 \\
 &:= 1^4 + 1^6 + 2^2 + 4^2 + 5^3 = 14 + 16 + 22 + 42 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^2 + 2^3 + 2^7 + 6^1 = 14 + 22 + 23 + 27 + 61 \\
 &:= 1^4 + 2^6 + 3^2 + 3^2 + 4^3 = 14 + 26 + 32 + 32 + 43 \\
 &:= 1^5 + 1^5 + 2^2 + 4^2 + 5^3 = 15 + 15 + 22 + 42 + 53 \\
 &:= 1^5 + 2^1 + 2^6 + 4^2 + 4^3 = 15 + 21 + 26 + 42 + 43 \\
 &:= 1^5 + 2^2 + 2^7 + 3^2 + 5^1 = 15 + 22 + 27 + 32 + 51 \\
 &:= 1^5 + 2^3 + 2^7 + 3^2 + 5^0 = 15 + 23 + 27 + 32 + 50 \\
 &:= 1^6 + 2^0 + 2^4 + 2^7 + 6^0 = 16 + 20 + 24 + 27 + 60 \\
 &:= 1^6 + 2^1 + 2^4 + 4^3 + 4^3 = 16 + 21 + 24 + 43 + 43 \\
 &:= 1^6 + 2^4 + 2^7 + 3^0 + 5^0 = 16 + 24 + 27 + 30 + 50 \\
 &:= 1^6 + 2^4 + 2^7 + 4^0 + 4^0 = 16 + 24 + 27 + 40 + 40 \\
 &:= 1^7 + 1^9 + 2^4 + 2^7 + 6^0 = 17 + 19 + 24 + 27 + 60 \\
 &:= 1^7 + 2^2 + 2^3 + 3^2 + 5^3 = 17 + 22 + 23 + 32 + 53 \\
 &:= 1^8 + 1^8 + 2^4 + 2^7 + 6^0 = 18 + 18 + 24 + 27 + 60 \\
 &:= 1^8 + 2^0 + 2^7 + 4^0 + 4^2 = 18 + 20 + 27 + 40 + 42 \\
 &:= 1^8 + 2^1 + 2^4 + 3^1 + 5^3 = 18 + 21 + 24 + 31 + 53 \\
 &:= 1^8 + 2^2 + 2^4 + 3^0 + 5^3 = 18 + 22 + 24 + 30 + 53 \\
 &:= 1^8 + 2^7 + 3^0 + 3^0 + 4^2 = 18 + 27 + 30 + 30 + 42 \\
 &:= 1^9 + 1^9 + 2^7 + 4^0 + 4^2 = 19 + 19 + 27 + 40 + 42 \\
 &:= 2^1 + 2^4 + 2^6 + 2^6 + 5^0 = 21 + 24 + 26 + 26 + 50 \\
 &:= 2^4 + 2^5 + 3^2 + 3^2 + 3^4 = 24 + 25 + 32 + 32 + 34
 \end{aligned}$$

2.2.49 Number 148

$$\begin{aligned}
 148 &:= 2^4 + 5^3 + 7^1 = 24 + 53 + 71 \\
 &:= 1^0 + 2^4 + 5^3 + 6^1 = 10 + 24 + 53 + 61 \\
 &:= 1^1 + 2^1 + 3^4 + 8^2 = 11 + 21 + 34 + 82 \\
 &:= 2^1 + 3^4 + 4^3 + 5^0 = 21 + 34 + 43 + 50 \\
 &:= 2^2 + 3^1 + 4^2 + 5^3 = 22 + 31 + 42 + 53 \\
 &:= 1^0 + 1^0 + 1^0 + 2^6 + 9^2 = 10 + 10 + 10 + 26 + 92 \\
 &:= 1^0 + 1^0 + 1^2 + 3^4 + 8^2 = 10 + 10 + 12 + 34 + 82 \\
 &:= 1^0 + 1^0 + 2^4 + 5^1 + 5^3 = 10 + 10 + 24 + 51 + 53 \\
 &:= 1^0 + 1^1 + 1^1 + 3^4 + 8^2 = 10 + 11 + 11 + 34 + 82 \\
 &:= 1^0 + 1^1 + 3^4 + 4^3 + 5^0 = 10 + 11 + 34 + 43 + 50 \\
 &:= 1^0 + 1^8 + 2^6 + 3^4 + 6^0 = 10 + 18 + 26 + 34 + 60 \\
 &:= 1^0 + 2^1 + 2^2 + 4^2 + 5^3 = 10 + 21 + 22 + 42 + 53 \\
 &:= 1^1 + 1^7 + 2^6 + 3^4 + 6^0 = 11 + 17 + 26 + 34 + 60 \\
 &:= 1^1 + 2^0 + 3^4 + 4^0 + 4^3 = 11 + 20 + 34 + 40 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 3^0 + 3^0 + 3^4 + 4^3 = 11 + 30 + 30 + 34 + 43 \\
 &:= 1^2 + 1^6 + 2^6 + 3^4 + 6^0 = 12 + 16 + 26 + 34 + 60 \\
 &:= 1^2 + 1^9 + 3^4 + 4^0 + 4^3 = 12 + 19 + 34 + 40 + 43 \\
 &:= 1^3 + 1^5 + 2^6 + 3^4 + 6^0 = 13 + 15 + 26 + 34 + 60 \\
 &:= 1^3 + 1^8 + 3^4 + 4^0 + 4^3 = 13 + 18 + 34 + 40 + 43 \\
 &:= 1^4 + 1^4 + 2^6 + 3^4 + 6^0 = 14 + 14 + 26 + 34 + 60 \\
 &:= 1^4 + 1^7 + 3^4 + 4^0 + 4^3 = 14 + 17 + 34 + 40 + 43 \\
 &:= 1^5 + 1^6 + 3^4 + 4^0 + 4^3 = 15 + 16 + 34 + 40 + 43 \\
 &:= 1^6 + 2^1 + 2^4 + 2^7 + 6^0 = 16 + 21 + 24 + 27 + 60 \\
 &:= 1^7 + 2^7 + 3^2 + 3^2 + 4^0 = 17 + 27 + 32 + 32 + 40 \\
 &:= 1^8 + 2^0 + 2^6 + 3^4 + 5^0 = 18 + 20 + 26 + 34 + 50 \\
 &:= 1^8 + 2^1 + 2^7 + 4^0 + 4^2 = 18 + 21 + 27 + 40 + 42 \\
 &:= 1^8 + 2^6 + 3^0 + 3^4 + 4^0 = 18 + 26 + 30 + 34 + 40 \\
 &:= 1^9 + 1^9 + 2^6 + 3^4 + 5^0 = 19 + 19 + 26 + 34 + 50
 \end{aligned}$$

2.2.50 Number 149

$$\begin{aligned}
 149 &:= 1^1 + 2^1 + 3^4 + 4^0 + 4^3 = 11 + 21 + 34 + 40 + 43 \\
 &:= 1^2 + 2^4 + 2^5 + 2^6 + 6^2 = 12 + 24 + 25 + 26 + 62 \\
 &:= 1^3 + 2^5 + 2^6 + 3^3 + 5^2 = 13 + 25 + 26 + 33 + 52 \\
 &:= 1^4 + 2^6 + 2^6 + 4^1 + 4^2 = 14 + 26 + 26 + 41 + 42 \\
 &:= 1^5 + 2^4 + 2^6 + 4^1 + 4^3 = 15 + 24 + 26 + 41 + 43 \\
 &:= 1^6 + 2^2 + 2^6 + 4^2 + 4^3 = 16 + 22 + 26 + 42 + 43 \\
 &:= 1^7 + 2^2 + 2^4 + 4^3 + 4^3 = 17 + 22 + 24 + 43 + 43
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^4 + 2^7 + 3^1 + 5^0 = 17 + 24 + 27 + 31 + 50 \\
 &:= 1^8 + 2^1 + 2^6 + 3^4 + 5^0 = 18 + 21 + 26 + 34 + 50 \\
 &:= 1^9 + 2^2 + 2^4 + 3^1 + 5^3 = 19 + 22 + 24 + 31 + 53 \\
 &:= 1^9 + 2^7 + 3^0 + 3^1 + 4^2 = 19 + 27 + 30 + 31 + 42 \\
 &:= 2^3 + 2^3 + 2^6 + 2^6 + 5^1 = 23 + 23 + 26 + 26 + 51
 \end{aligned}$$

2.2.51 Number 150

$$\begin{aligned}
 150 &:= 1^0 + 2^2 + 2^6 + 9^2 = 10 + 22 + 26 + 92 \\
 &:= 1^2 + 2^2 + 3^4 + 8^2 = 12 + 22 + 34 + 82 \\
 &:= 2^2 + 2^4 + 5^1 + 5^3 = 22 + 24 + 51 + 53 \\
 &:= 2^3 + 2^4 + 5^0 + 5^3 = 23 + 24 + 50 + 53 \\
 &:= 2^7 + 3^0 + 4^2 + 5^1 = 27 + 30 + 42 + 51 \\
 &:= 1^0 + 2^2 + 2^4 + 4^1 + 5^3 = 10 + 22 + 24 + 41 + 53 \\
 &:= 1^0 + 2^7 + 3^0 + 4^1 + 4^2 = 10 + 27 + 30 + 41 + 42 \\
 &:= 1^1 + 2^2 + 2^2 + 4^2 + 5^3 = 11 + 22 + 22 + 42 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 3^0 + 3^1 + 3^4 + 4^3 = 12 + 30 + 31 + 34 + 43 \\
 &:= 1^7 + 2^2 + 2^4 + 2^7 + 6^0 = 17 + 22 + 24 + 27 + 60 \\
 &:= 1^8 + 2^4 + 2^7 + 4^0 + 4^1 = 18 + 24 + 27 + 40 + 41 \\
 &:= 1^9 + 2^2 + 2^7 + 4^0 + 4^2 = 19 + 22 + 27 + 40 + 42 \\
 &:= 1^9 + 2^6 + 3^1 + 3^4 + 4^0 = 19 + 26 + 31 + 34 + 40 \\
 &:= 2^0 + 2^0 + 2^7 + 4^1 + 4^2 = 20 + 20 + 27 + 41 + 42
 \end{aligned}$$

2.2.52 Number 151

$$\begin{aligned}
 151 &:= 2^6 + 3^4 + 4^0 + 5^1 = 26 + 34 + 40 + 51 \\
 &:= 1^0 + 2^0 + 2^5 + 3^4 + 6^2 = 10 + 20 + 25 + 34 + 62 \\
 &:= 1^0 + 2^6 + 3^4 + 4^0 + 4^1 = 10 + 26 + 34 + 40 + 41 \\
 &:= 1^1 + 1^9 + 2^5 + 3^4 + 6^2 = 11 + 19 + 25 + 34 + 62 \\
 &:= 1^1 + 2^0 + 2^7 + 4^2 + 5^1 = 11 + 20 + 27 + 42 + 51 \\
 &:= 1^1 + 2^3 + 2^4 + 4^0 + 5^3 = 11 + 23 + 24 + 40 + 53 \\
 &:= 1^2 + 1^8 + 2^5 + 3^4 + 6^2 = 12 + 18 + 25 + 34 + 62 \\
 &:= 1^2 + 1^9 + 2^7 + 4^2 + 5^1 = 12 + 19 + 27 + 42 + 51 \\
 &:= 1^2 + 2^2 + 3^4 + 4^0 + 4^3 = 12 + 22 + 34 + 40 + 43 \\
 &:= 1^3 + 1^7 + 2^5 + 3^4 + 6^2 = 13 + 17 + 25 + 34 + 62 \\
 &:= 1^3 + 1^8 + 2^7 + 4^2 + 5^1 = 13 + 18 + 27 + 42 + 51 \\
 &:= 1^3 + 2^0 + 2^3 + 4^2 + 5^3 = 13 + 20 + 23 + 42 + 53 \\
 &:= 1^3 + 2^0 + 3^4 + 4^1 + 4^3 = 13 + 20 + 34 + 41 + 43 \\
 &:= 1^4 + 1^6 + 2^5 + 3^4 + 6^2 = 14 + 16 + 25 + 34 + 62 \\
 &:= 1^4 + 1^7 + 2^7 + 4^2 + 5^1 = 14 + 17 + 27 + 42 + 51
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 1^9 + 2^3 + 4^2 + 5^3 = 14 + 19 + 23 + 42 + 53 \\
 &:= 1^4 + 1^9 + 3^4 + 4^1 + 4^3 = 14 + 19 + 34 + 41 + 43 \\
 &:= 1^4 + 2^4 + 2^6 + 2^6 + 6^1 = 14 + 24 + 26 + 26 + 61 \\
 &:= 1^5 + 1^5 + 2^5 + 3^4 + 6^2 = 15 + 15 + 25 + 34 + 62 \\
 &:= 1^5 + 1^6 + 2^7 + 4^2 + 5^1 = 15 + 16 + 27 + 42 + 51 \\
 &:= 1^5 + 1^8 + 2^3 + 4^2 + 5^3 = 15 + 18 + 23 + 42 + 53 \\
 &:= 1^5 + 1^8 + 3^4 + 4^1 + 4^3 = 15 + 18 + 34 + 41 + 43 \\
 &:= 1^6 + 1^7 + 2^3 + 4^2 + 5^3 = 16 + 17 + 23 + 42 + 53 \\
 &:= 1^6 + 1^7 + 3^4 + 4^1 + 4^3 = 16 + 17 + 34 + 41 + 43 \\
 &:= 1^6 + 2^5 + 2^5 + 3^4 + 5^1 = 16 + 25 + 25 + 34 + 51 \\
 &:= 1^7 + 2^3 + 2^3 + 2^7 + 6^1 = 17 + 23 + 23 + 27 + 61 \\
 &:= 1^7 + 2^5 + 3^3 + 3^3 + 4^3 = 17 + 25 + 33 + 33 + 43 \\
 &:= 1^8 + 2^3 + 2^7 + 3^2 + 5^1 = 18 + 23 + 27 + 32 + 51 \\
 &:= 1^9 + 2^2 + 2^6 + 3^4 + 5^0 = 19 + 22 + 26 + 34 + 50 \\
 &:= 1^9 + 2^4 + 2^7 + 3^0 + 5^1 = 19 + 24 + 27 + 30 + 51
 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^7 + 3^2 + 3^2 + 4^1 = 19 + 27 + 32 + 32 + 41 \\ &:= 2^0 + 2^1 + 2^7 + 4^1 + 4^2 = 20 + 21 + 27 + 41 + 42 \\ &:= 2^0 + 2^3 + 2^3 + 3^2 + 5^3 = 20 + 23 + 23 + 32 + 53 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 2^6 + 3^0 + 3^4 + 4^1 = 20 + 26 + 30 + 34 + 41 \\ &:= 2^0 + 2^7 + 3^1 + 3^1 + 4^2 = 20 + 27 + 31 + 31 + 42 \end{aligned}$$

2.2.53 Number 152

$$\begin{aligned} 152 &:= 1^2 + 2^7 + 4^2 + 7^1 = 12 + 27 + 42 + 71 \\ &:= 1^4 + 3^4 + 4^3 + 6^1 = 14 + 34 + 43 + 61 \\ &:= 1^7 + 3^0 + 5^2 + 5^3 = 17 + 30 + 52 + 53 \\ &:= 2^3 + 3^3 + 3^4 + 6^2 = 23 + 33 + 34 + 62 \\ &:= 2^4 + 2^7 + 3^0 + 7^1 = 24 + 27 + 30 + 71 \\ &:= 2^5 + 3^1 + 3^4 + 6^2 = 25 + 31 + 34 + 62 \\ &:= 2^7 + 3^2 + 3^2 + 6^1 = 27 + 32 + 32 + 61 \\ &:= 1^0 + 1^2 + 2^7 + 4^2 + 6^1 = 10 + 12 + 27 + 42 + 61 \\ &:= 1^0 + 1^4 + 3^4 + 4^3 + 5^1 = 10 + 14 + 34 + 43 + 51 \\ &:= 1^0 + 1^5 + 3^2 + 4^2 + 5^3 = 10 + 15 + 32 + 42 + 53 \\ &:= 1^0 + 2^1 + 2^5 + 3^4 + 6^2 = 10 + 21 + 25 + 34 + 62 \\ &:= 1^0 + 2^4 + 2^7 + 3^0 + 6^1 = 10 + 24 + 27 + 30 + 61 \\ &:= 1^0 + 2^7 + 3^2 + 3^2 + 5^1 = 10 + 27 + 32 + 32 + 51 \\ &:= 1^0 + 3^3 + 3^3 + 3^4 + 4^2 = 10 + 33 + 33 + 34 + 42 \\ &:= 1^1 + 1^1 + 2^7 + 4^2 + 6^1 = 11 + 11 + 27 + 42 + 61 \\ &:= 1^1 + 1^3 + 3^4 + 4^3 + 5^1 = 11 + 13 + 34 + 43 + 51 \\ &:= 1^1 + 1^4 + 3^2 + 4^2 + 5^3 = 11 + 14 + 32 + 42 + 53 \\ &:= 1^1 + 2^1 + 2^7 + 4^2 + 5^1 = 11 + 21 + 27 + 42 + 51 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^6 + 3^0 + 3^4 + 5^1 = 11 + 26 + 30 + 34 + 51 \\ &:= 1^1 + 2^7 + 3^1 + 4^1 + 4^2 = 11 + 27 + 31 + 41 + 42 \\ &:= 1^2 + 1^2 + 3^4 + 4^3 + 5^1 = 12 + 12 + 34 + 43 + 51 \\ &:= 1^2 + 1^3 + 3^2 + 4^2 + 5^3 = 12 + 13 + 32 + 42 + 53 \\ &:= 1^2 + 2^3 + 3^2 + 3^2 + 5^3 = 12 + 23 + 32 + 32 + 53 \\ &:= 1^3 + 2^1 + 2^3 + 4^2 + 5^3 = 13 + 21 + 23 + 42 + 53 \\ &:= 1^3 + 2^1 + 3^4 + 4^1 + 4^3 = 13 + 21 + 34 + 41 + 43 \\ &:= 1^3 + 2^4 + 3^0 + 3^2 + 5^3 = 13 + 24 + 30 + 32 + 53 \\ &:= 1^3 + 3^1 + 3^1 + 3^4 + 4^3 = 13 + 31 + 31 + 34 + 43 \\ &:= 2^0 + 2^0 + 2^4 + 2^7 + 6^1 = 20 + 20 + 24 + 27 + 61 \\ &:= 2^1 + 2^1 + 2^7 + 4^1 + 4^2 = 21 + 21 + 27 + 41 + 42 \\ &:= 2^1 + 2^3 + 2^3 + 3^2 + 5^3 = 21 + 23 + 23 + 32 + 53 \\ &:= 2^1 + 2^6 + 3^0 + 3^4 + 4^1 = 21 + 26 + 30 + 34 + 41 \\ &:= 2^1 + 2^7 + 3^1 + 3^1 + 4^2 = 21 + 27 + 31 + 31 + 42 \\ &:= 2^2 + 2^2 + 2^4 + 3^1 + 5^3 = 22 + 22 + 24 + 31 + 53 \\ &:= 2^2 + 2^7 + 3^0 + 3^1 + 4^2 = 22 + 27 + 30 + 31 + 42 \\ &:= 2^6 + 3^0 + 3^1 + 3^1 + 3^4 = 26 + 30 + 31 + 31 + 34 \end{aligned}$$

2.2.54 Number 153

$$\begin{aligned} 153 &:= 1^0 + 1^8 + 2^0 + 5^2 + 5^3 = 10 + 18 + 20 + 52 + 53 \\ &:= 1^0 + 1^9 + 1^9 + 5^2 + 5^3 = 10 + 19 + 19 + 52 + 53 \\ &:= 1^1 + 1^7 + 2^0 + 5^2 + 5^3 = 11 + 17 + 20 + 52 + 53 \\ &:= 1^1 + 1^8 + 1^9 + 5^2 + 5^3 = 11 + 18 + 19 + 52 + 53 \\ &:= 1^1 + 2^0 + 2^4 + 2^7 + 7^1 = 11 + 20 + 24 + 27 + 71 \\ &:= 1^2 + 1^6 + 2^0 + 5^2 + 5^3 = 12 + 16 + 20 + 52 + 53 \\ &:= 1^2 + 1^7 + 1^9 + 5^2 + 5^3 = 12 + 17 + 19 + 52 + 53 \\ &:= 1^2 + 1^8 + 1^8 + 5^2 + 5^3 = 12 + 18 + 18 + 52 + 53 \\ &:= 1^2 + 1^9 + 2^4 + 2^7 + 7^1 = 12 + 19 + 24 + 27 + 71 \\ &:= 1^2 + 2^0 + 2^6 + 3^4 + 6^1 = 12 + 20 + 26 + 34 + 61 \\ &:= 1^3 + 1^5 + 2^0 + 5^2 + 5^3 = 13 + 15 + 20 + 52 + 53 \\ &:= 1^3 + 1^6 + 1^9 + 5^2 + 5^3 = 13 + 16 + 19 + 52 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^7 + 1^8 + 5^2 + 5^3 = 13 + 17 + 18 + 52 + 53 \\ &:= 1^3 + 1^8 + 2^4 + 2^7 + 7^1 = 13 + 18 + 24 + 27 + 71 \\ &:= 1^3 + 1^9 + 2^6 + 3^4 + 6^1 = 13 + 19 + 26 + 34 + 61 \\ &:= 1^4 + 1^4 + 2^0 + 5^2 + 5^3 = 14 + 14 + 20 + 52 + 53 \\ &:= 1^4 + 1^5 + 1^9 + 5^2 + 5^3 = 14 + 15 + 19 + 52 + 53 \\ &:= 1^4 + 1^6 + 1^8 + 5^2 + 5^3 = 14 + 16 + 18 + 52 + 53 \\ &:= 1^4 + 1^7 + 1^7 + 5^2 + 5^3 = 14 + 17 + 17 + 52 + 53 \\ &:= 1^4 + 1^7 + 2^4 + 2^7 + 7^1 = 14 + 17 + 24 + 27 + 71 \\ &:= 1^4 + 1^8 + 2^6 + 3^4 + 6^1 = 14 + 18 + 26 + 34 + 61 \\ &:= 1^5 + 1^5 + 1^8 + 5^2 + 5^3 = 15 + 15 + 18 + 52 + 53 \\ &:= 1^5 + 1^6 + 1^7 + 5^2 + 5^3 = 15 + 16 + 17 + 52 + 53 \\ &:= 1^5 + 1^6 + 2^4 + 2^7 + 7^1 = 15 + 16 + 24 + 27 + 71 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^7 + 2^6 + 3^4 + 6^1 = 15 + 17 + 26 + 34 + 61 \\ &:= 1^6 + 1^6 + 1^6 + 5^2 + 5^3 = 16 + 16 + 16 + 52 + 53 \\ &:= 1^6 + 1^6 + 2^6 + 3^4 + 6^1 = 16 + 16 + 26 + 34 + 61 \\ &:= 1^9 + 2^3 + 2^6 + 4^2 + 4^3 = 19 + 23 + 26 + 42 + 43 \\ &:= 2^0 + 2^1 + 2^4 + 2^7 + 6^1 = 20 + 21 + 24 + 27 + 61 \\ &:= 2^0 + 2^3 + 2^4 + 4^3 + 4^3 = 20 + 23 + 24 + 43 + 43 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 2^4 + 2^7 + 3^1 + 5^1 = 20 + 24 + 27 + 31 + 51 \\ &:= 2^0 + 2^4 + 2^7 + 4^1 + 4^1 = 20 + 24 + 27 + 41 + 41 \\ &:= 2^2 + 2^2 + 2^7 + 4^0 + 4^2 = 22 + 22 + 27 + 40 + 42 \\ &:= 2^2 + 2^6 + 3^1 + 3^4 + 4^0 = 22 + 26 + 31 + 34 + 40 \end{aligned}$$

2.2.55 Number 154

$$\begin{aligned} 154 &:= 1^7 + 2^5 + 11^2 = 17 + 25 + 112 \\ &:= 1^2 + 2^4 + 2^7 + 9^1 = 12 + 24 + 27 + 91 \\ &:= 1^3 + 2^3 + 2^6 + 9^2 = 13 + 23 + 26 + 92 \\ &:= 1^3 + 2^6 + 3^4 + 8^1 = 13 + 26 + 34 + 81 \\ &:= 1^5 + 2^3 + 3^4 + 8^2 = 15 + 23 + 34 + 82 \\ &:= 1^6 + 4^3 + 4^3 + 5^2 = 16 + 43 + 43 + 52 \\ &:= 1^8 + 3^1 + 5^2 + 5^3 = 18 + 31 + 52 + 53 \\ &:= 1^8 + 3^3 + 5^0 + 5^3 = 18 + 33 + 50 + 53 \\ &:= 2^6 + 2^6 + 5^0 + 5^2 = 26 + 26 + 50 + 52 \\ &:= 2^6 + 3^3 + 3^3 + 6^2 = 26 + 33 + 33 + 62 \\ &:= 1^0 + 1^2 + 2^4 + 2^7 + 8^1 = 10 + 12 + 24 + 27 + 81 \\ &:= 1^0 + 1^3 + 2^6 + 3^4 + 7^1 = 10 + 13 + 26 + 34 + 71 \\ &:= 1^0 + 1^8 + 2^1 + 5^2 + 5^3 = 10 + 18 + 21 + 52 + 53 \\ &:= 1^0 + 2^3 + 2^4 + 2^7 + 7^0 = 10 + 23 + 24 + 27 + 70 \\ &:= 1^1 + 1^1 + 2^4 + 2^7 + 8^1 = 11 + 11 + 24 + 27 + 81 \\ &:= 1^1 + 1^2 + 2^6 + 3^4 + 7^1 = 11 + 12 + 26 + 34 + 71 \\ &:= 1^1 + 1^7 + 2^1 + 5^2 + 5^3 = 11 + 17 + 21 + 52 + 53 \\ &:= 1^1 + 2^1 + 2^4 + 2^7 + 7^1 = 11 + 21 + 24 + 27 + 71 \\ &:= 1^1 + 2^2 + 2^5 + 3^4 + 6^2 = 11 + 22 + 25 + 34 + 62 \\ &:= 1^1 + 2^4 + 2^7 + 3^1 + 6^1 = 11 + 24 + 27 + 31 + 61 \\ &:= 1^1 + 2^4 + 2^7 + 4^1 + 5^1 = 11 + 24 + 27 + 41 + 51 \\ &:= 1^1 + 2^6 + 3^2 + 4^2 + 4^3 = 11 + 26 + 32 + 42 + 43 \\ &:= 1^2 + 1^6 + 2^1 + 5^2 + 5^3 = 12 + 16 + 21 + 52 + 53 \\ &:= 1^2 + 2^1 + 2^6 + 3^4 + 6^1 = 12 + 21 + 26 + 34 + 61 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^2 + 2^7 + 4^2 + 5^1 = 12 + 22 + 27 + 42 + 51 \\ &:= 1^2 + 2^3 + 2^7 + 4^2 + 5^0 = 12 + 23 + 27 + 42 + 50 \\ &:= 1^2 + 2^4 + 3^2 + 4^3 + 4^3 = 12 + 24 + 32 + 43 + 43 \\ &:= 1^2 + 2^6 + 3^1 + 3^4 + 5^1 = 12 + 26 + 31 + 34 + 51 \\ &:= 1^2 + 2^6 + 3^4 + 4^1 + 4^1 = 12 + 26 + 34 + 41 + 41 \\ &:= 1^3 + 1^5 + 2^1 + 5^2 + 5^3 = 13 + 15 + 21 + 52 + 53 \\ &:= 1^3 + 2^3 + 2^4 + 4^1 + 5^3 = 13 + 23 + 24 + 41 + 53 \\ &:= 1^4 + 1^4 + 2^1 + 5^2 + 5^3 = 14 + 14 + 21 + 52 + 53 \\ &:= 1^4 + 2^2 + 2^3 + 4^2 + 5^3 = 14 + 22 + 23 + 42 + 53 \\ &:= 1^4 + 2^2 + 3^4 + 4^1 + 4^3 = 14 + 22 + 34 + 41 + 43 \\ &:= 1^4 + 2^4 + 3^1 + 3^2 + 5^3 = 14 + 24 + 31 + 32 + 53 \\ &:= 2^0 + 2^3 + 2^4 + 2^7 + 6^0 = 20 + 23 + 24 + 27 + 60 \\ &:= 2^1 + 2^1 + 2^4 + 2^7 + 6^1 = 21 + 21 + 24 + 27 + 61 \\ &:= 2^1 + 2^3 + 2^4 + 4^3 + 4^3 = 21 + 23 + 24 + 43 + 43 \\ &:= 2^1 + 2^4 + 2^7 + 3^1 + 5^1 = 21 + 24 + 27 + 31 + 51 \\ &:= 2^1 + 2^4 + 2^7 + 4^1 + 4^1 = 21 + 24 + 27 + 41 + 41 \\ &:= 2^2 + 2^2 + 2^6 + 3^4 + 5^0 = 22 + 22 + 26 + 34 + 50 \\ &:= 2^2 + 2^4 + 2^7 + 3^0 + 5^1 = 22 + 24 + 27 + 30 + 51 \\ &:= 2^2 + 2^7 + 3^2 + 3^2 + 4^1 = 22 + 27 + 32 + 32 + 41 \\ &:= 2^3 + 2^4 + 2^7 + 3^0 + 5^0 = 23 + 24 + 27 + 30 + 50 \\ &:= 2^3 + 2^4 + 2^7 + 4^0 + 4^0 = 23 + 24 + 27 + 40 + 40 \\ &:= 2^4 + 2^7 + 3^1 + 3^1 + 4^1 = 24 + 27 + 31 + 31 + 41 \end{aligned}$$

2.2.56 Number 155

$$\begin{aligned} 155 &:= 1^6 + 2^7 + 5^2 + 6^0 = 16 + 27 + 52 + 60 \\ &:= 1^0 + 1^9 + 3^3 + 4^0 + 5^3 = 10 + 19 + 33 + 40 + 53 \\ &:= 1^1 + 1^8 + 3^3 + 4^0 + 5^3 = 11 + 18 + 33 + 40 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^6 + 2^6 + 4^0 + 5^2 = 11 + 26 + 26 + 40 + 52 \\ &:= 1^2 + 1^7 + 3^3 + 4^0 + 5^3 = 12 + 17 + 33 + 40 + 53 \\ &:= 1^2 + 2^3 + 2^6 + 3^4 + 6^0 = 12 + 23 + 26 + 34 + 60 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^4 + 2^7 + 3^2 + 6^0 = 12 + 24 + 27 + 32 + 60 \\ &:= 1^3 + 1^6 + 3^3 + 4^0 + 5^3 = 13 + 16 + 33 + 40 + 53 \\ &:= 1^4 + 1^5 + 3^3 + 4^0 + 5^3 = 14 + 15 + 33 + 40 + 53 \\ &:= 1^4 + 2^0 + 2^6 + 4^3 + 5^2 = 14 + 20 + 26 + 43 + 52 \\ &:= 1^4 + 2^7 + 3^2 + 4^0 + 4^2 = 14 + 27 + 32 + 40 + 42 \\ &:= 1^5 + 1^9 + 2^6 + 4^3 + 5^2 = 15 + 19 + 26 + 43 + 52 \\ &:= 1^5 + 2^3 + 3^4 + 4^0 + 4^3 = 15 + 23 + 34 + 40 + 43 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 1^8 + 2^6 + 4^3 + 5^2 = 16 + 18 + 26 + 43 + 52 \\ &:= 1^7 + 1^7 + 2^6 + 4^3 + 5^2 = 17 + 17 + 26 + 43 + 52 \\ &:= 1^9 + 2^0 + 3^0 + 3^3 + 5^3 = 19 + 20 + 30 + 33 + 53 \\ &:= 2^0 + 2^4 + 2^5 + 3^4 + 5^2 = 20 + 24 + 25 + 34 + 52 \\ &:= 2^1 + 2^3 + 2^4 + 2^7 + 6^0 = 21 + 23 + 24 + 27 + 60 \end{aligned}$$

2.2.57 Number 156

$$\begin{aligned} 156 &:= 1^5 + 2^6 + 3^3 + 8^2 = 15 + 26 + 33 + 82 \\ &:= 1^0 + 1^7 + 2^7 + 5^0 + 5^2 = 10 + 17 + 27 + 50 + 52 \\ &:= 1^0 + 1^9 + 2^2 + 5^2 + 5^3 = 10 + 19 + 22 + 52 + 53 \\ &:= 1^1 + 1^6 + 2^7 + 5^0 + 5^2 = 11 + 16 + 27 + 50 + 52 \\ &:= 1^1 + 1^8 + 2^2 + 5^2 + 5^3 = 11 + 18 + 22 + 52 + 53 \\ &:= 1^2 + 1^5 + 2^7 + 5^0 + 5^2 = 12 + 15 + 27 + 50 + 52 \\ &:= 1^2 + 1^7 + 2^2 + 5^2 + 5^3 = 12 + 17 + 22 + 52 + 53 \\ &:= 1^2 + 2^2 + 2^4 + 2^7 + 7^1 = 12 + 22 + 24 + 27 + 71 \\ &:= 1^3 + 1^4 + 2^7 + 5^0 + 5^2 = 13 + 14 + 27 + 50 + 52 \\ &:= 1^3 + 1^6 + 2^2 + 5^2 + 5^3 = 13 + 16 + 22 + 52 + 53 \\ &:= 1^3 + 2^2 + 2^6 + 3^4 + 6^1 = 13 + 22 + 26 + 34 + 61 \\ &:= 1^4 + 1^5 + 2^2 + 5^2 + 5^3 = 14 + 15 + 22 + 52 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^1 + 2^6 + 4^3 + 5^2 = 14 + 21 + 26 + 43 + 52 \\ &:= 1^4 + 2^6 + 3^2 + 3^4 + 5^0 = 14 + 26 + 32 + 34 + 50 \\ &:= 1^7 + 2^0 + 2^7 + 4^0 + 5^2 = 17 + 20 + 27 + 40 + 52 \\ &:= 1^7 + 2^7 + 3^0 + 3^0 + 5^2 = 17 + 27 + 30 + 30 + 52 \\ &:= 1^7 + 3^0 + 3^2 + 3^4 + 4^3 = 17 + 30 + 32 + 34 + 43 \\ &:= 1^8 + 1^9 + 2^7 + 4^0 + 5^2 = 18 + 19 + 27 + 40 + 52 \\ &:= 1^9 + 2^1 + 3^0 + 3^3 + 5^3 = 19 + 21 + 30 + 33 + 53 \\ &:= 2^1 + 2^4 + 2^5 + 3^4 + 5^2 = 21 + 24 + 25 + 34 + 52 \\ &:= 2^2 + 2^3 + 2^6 + 4^2 + 4^3 = 22 + 23 + 26 + 42 + 43 \\ &:= 2^4 + 2^6 + 3^1 + 3^2 + 4^3 = 24 + 26 + 31 + 32 + 43 \\ &:= 2^5 + 2^5 + 3^0 + 3^3 + 4^3 = 25 + 25 + 30 + 33 + 43 \end{aligned}$$

2.2.58 Number 157

$$\begin{aligned} 157 &:= 1^7 + 2^7 + 3^3 + 8^0 = 17 + 27 + 33 + 80 \\ &:= 3^0 + 3^3 + 4^1 + 5^3 = 30 + 33 + 41 + 53 \\ &:= 1^0 + 3^0 + 3^1 + 3^3 + 5^3 = 10 + 30 + 31 + 33 + 53 \\ &:= 1^2 + 2^6 + 2^6 + 3^3 + 6^0 = 12 + 26 + 26 + 33 + 60 \\ &:= 1^5 + 2^6 + 3^3 + 4^0 + 4^3 = 15 + 26 + 33 + 40 + 43 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^1 + 2^7 + 4^0 + 5^2 = 17 + 21 + 27 + 40 + 52 \\ &:= 1^8 + 2^0 + 3^3 + 4^3 + 4^3 = 18 + 20 + 33 + 43 + 43 \\ &:= 1^9 + 1^9 + 3^3 + 4^3 + 4^3 = 19 + 19 + 33 + 43 + 43 \\ &:= 2^0 + 2^0 + 3^1 + 3^3 + 5^3 = 20 + 20 + 31 + 33 + 53 \end{aligned}$$

2.2.59 Number 158

$$\begin{aligned} 158 &:= 2^5 + 5^3 + 8^0 = 25 + 53 + 80 \\ &:= 1^9 + 3^3 + 3^4 + 7^2 = 19 + 33 + 34 + 72 \\ &:= 1^0 + 1^8 + 2^7 + 3^3 + 7^0 = 10 + 18 + 27 + 33 + 70 \\ &:= 1^0 + 2^2 + 3^3 + 4^0 + 5^3 = 10 + 22 + 33 + 40 + 53 \\ &:= 1^1 + 1^7 + 2^7 + 3^3 + 7^0 = 11 + 17 + 27 + 33 + 70 \\ &:= 1^1 + 2^0 + 3^3 + 4^1 + 5^3 = 11 + 20 + 33 + 41 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^6 + 2^7 + 3^3 + 7^0 = 12 + 16 + 27 + 33 + 70 \\ &:= 1^2 + 1^9 + 3^3 + 4^1 + 5^3 = 12 + 19 + 33 + 41 + 53 \\ &:= 1^3 + 1^5 + 2^7 + 3^3 + 7^0 = 13 + 15 + 27 + 33 + 70 \\ &:= 1^3 + 1^8 + 3^3 + 4^1 + 5^3 = 13 + 18 + 33 + 41 + 53 \\ &:= 1^3 + 2^6 + 2^6 + 4^1 + 5^2 = 13 + 26 + 26 + 41 + 52 \\ &:= 1^4 + 1^4 + 2^7 + 3^3 + 7^0 = 14 + 14 + 27 + 33 + 70 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^7 + 3^3 + 4^1 + 5^3 = 14 + 17 + 33 + 41 + 53 \\ &:= 1^4 + 2^3 + 2^5 + 3^4 + 6^2 = 14 + 23 + 25 + 34 + 62 \\ &:= 1^5 + 1^6 + 3^3 + 4^1 + 5^3 = 15 + 16 + 33 + 41 + 53 \\ &:= 1^5 + 2^2 + 2^6 + 4^3 + 5^2 = 15 + 22 + 26 + 43 + 52 \\ &:= 1^5 + 2^3 + 2^7 + 4^2 + 5^1 = 15 + 23 + 27 + 42 + 51 \\ &:= 1^6 + 2^7 + 3^2 + 4^1 + 4^2 = 16 + 27 + 32 + 41 + 42 \\ &:= 1^7 + 2^3 + 2^3 + 4^2 + 5^3 = 17 + 23 + 23 + 42 + 53 \\ &:= 1^7 + 2^3 + 3^4 + 4^1 + 4^3 = 17 + 23 + 34 + 41 + 43 \\ &:= 1^8 + 2^0 + 2^7 + 3^3 + 6^0 = 18 + 20 + 27 + 33 + 60 \\ &:= 1^8 + 2^1 + 3^3 + 4^3 + 4^3 = 18 + 21 + 33 + 43 + 43 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^7 + 3^0 + 3^1 + 5^2 = 18 + 27 + 30 + 31 + 52 \\ &:= 1^8 + 2^7 + 3^0 + 3^3 + 5^0 = 18 + 27 + 30 + 33 + 50 \\ &:= 1^8 + 2^7 + 3^3 + 4^0 + 4^0 = 18 + 27 + 33 + 40 + 40 \\ &:= 1^8 + 3^1 + 3^2 + 3^4 + 4^3 = 18 + 31 + 32 + 34 + 43 \\ &:= 1^9 + 1^9 + 2^7 + 3^3 + 6^0 = 19 + 19 + 27 + 33 + 60 \\ &:= 2^0 + 2^1 + 3^1 + 3^3 + 5^3 = 20 + 21 + 31 + 33 + 53 \\ &:= 2^0 + 2^2 + 3^0 + 3^3 + 5^3 = 20 + 22 + 30 + 33 + 53 \\ &:= 2^3 + 2^5 + 2^5 + 3^4 + 5^1 = 23 + 25 + 25 + 34 + 51 \end{aligned}$$

2.2.60 Number 159

$$\begin{aligned} 159 &:= 1^1 + 2^5 + 5^3 + 7^0 = 11 + 25 + 53 + 70 \\ &:= 1^2 + 3^3 + 5^3 + 6^1 = 12 + 33 + 53 + 61 \\ &:= 3^2 + 3^2 + 4^2 + 5^3 = 32 + 32 + 42 + 53 \\ &:= 1^0 + 1^0 + 3^3 + 3^4 + 7^2 = 10 + 10 + 33 + 34 + 72 \\ &:= 1^0 + 1^2 + 3^3 + 5^1 + 5^3 = 10 + 12 + 33 + 51 + 53 \\ &:= 1^0 + 1^2 + 4^2 + 4^2 + 5^3 = 10 + 12 + 42 + 42 + 53 \\ &:= 1^0 + 2^2 + 2^2 + 5^2 + 5^3 = 10 + 22 + 22 + 52 + 53 \\ &:= 1^0 + 2^4 + 3^0 + 4^2 + 5^3 = 10 + 24 + 30 + 42 + 53 \\ &:= 1^1 + 1^1 + 3^3 + 5^1 + 5^3 = 11 + 11 + 33 + 51 + 53 \\ &:= 1^1 + 1^1 + 4^2 + 4^2 + 5^3 = 11 + 11 + 42 + 42 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^1 + 3^3 + 4^1 + 5^3 = 11 + 21 + 33 + 41 + 53 \\ &:= 1^1 + 3^1 + 3^1 + 3^3 + 5^3 = 11 + 31 + 31 + 33 + 53 \\ &:= 1^8 + 2^1 + 2^7 + 3^3 + 6^0 = 18 + 21 + 27 + 33 + 60 \\ &:= 1^8 + 2^2 + 2^7 + 4^0 + 5^2 = 18 + 22 + 27 + 40 + 52 \\ &:= 1^8 + 2^4 + 2^4 + 4^0 + 5^3 = 18 + 24 + 24 + 40 + 53 \\ &:= 1^9 + 2^0 + 2^7 + 4^1 + 5^2 = 19 + 20 + 27 + 41 + 52 \\ &:= 2^0 + 2^0 + 2^4 + 4^2 + 5^3 = 20 + 20 + 24 + 42 + 53 \\ &:= 2^1 + 2^1 + 3^1 + 3^3 + 5^3 = 21 + 21 + 31 + 33 + 53 \\ &:= 2^1 + 2^2 + 3^0 + 3^3 + 5^3 = 21 + 22 + 30 + 33 + 53 \end{aligned}$$

2.2.61 Number 160

$$\begin{aligned} 160 &:= 2^0 + 2^7 + 5^2 + 6^1 = 20 + 27 + 52 + 61 \\ &:= 1^0 + 1^2 + 2^5 + 5^3 + 6^0 = 10 + 12 + 25 + 53 + 60 \\ &:= 1^0 + 2^0 + 2^7 + 5^1 + 5^2 = 10 + 20 + 27 + 51 + 52 \\ &:= 1^1 + 1^1 + 2^5 + 5^3 + 6^0 = 11 + 11 + 25 + 53 + 60 \\ &:= 1^1 + 1^9 + 2^7 + 5^1 + 5^2 = 11 + 19 + 27 + 51 + 52 \\ &:= 1^2 + 1^8 + 2^7 + 5^1 + 5^2 = 12 + 18 + 27 + 51 + 52 \\ &:= 1^2 + 2^0 + 2^3 + 5^2 + 5^3 = 12 + 20 + 23 + 52 + 53 \\ &:= 1^2 + 2^0 + 2^5 + 5^0 + 5^3 = 12 + 20 + 25 + 50 + 53 \\ &:= 1^2 + 2^5 + 3^0 + 4^0 + 5^3 = 12 + 25 + 30 + 40 + 53 \\ &:= 1^3 + 1^7 + 2^7 + 5^1 + 5^2 = 13 + 17 + 27 + 51 + 52 \\ &:= 1^3 + 1^9 + 2^3 + 5^2 + 5^3 = 13 + 19 + 23 + 52 + 53 \\ &:= 1^3 + 1^9 + 2^5 + 5^0 + 5^3 = 13 + 19 + 25 + 50 + 53 \\ &:= 1^4 + 1^6 + 2^7 + 5^1 + 5^2 = 14 + 16 + 27 + 51 + 52 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^8 + 2^3 + 5^2 + 5^3 = 14 + 18 + 23 + 52 + 53 \\ &:= 1^4 + 1^8 + 2^5 + 5^0 + 5^3 = 14 + 18 + 25 + 50 + 53 \\ &:= 1^4 + 2^5 + 2^6 + 3^3 + 6^2 = 14 + 25 + 26 + 33 + 62 \\ &:= 1^5 + 1^5 + 2^7 + 5^1 + 5^2 = 15 + 15 + 27 + 51 + 52 \\ &:= 1^5 + 1^7 + 2^3 + 5^2 + 5^3 = 15 + 17 + 23 + 52 + 53 \\ &:= 1^5 + 1^7 + 2^5 + 5^0 + 5^3 = 15 + 17 + 25 + 50 + 53 \\ &:= 1^5 + 2^3 + 2^4 + 2^7 + 7^1 = 15 + 23 + 24 + 27 + 71 \\ &:= 1^6 + 1^6 + 2^3 + 5^2 + 5^3 = 16 + 16 + 23 + 52 + 53 \\ &:= 1^6 + 1^6 + 2^5 + 5^0 + 5^3 = 16 + 16 + 25 + 50 + 53 \\ &:= 1^6 + 2^3 + 2^6 + 3^4 + 6^1 = 16 + 23 + 26 + 34 + 61 \\ &:= 1^6 + 2^4 + 2^7 + 3^2 + 6^1 = 16 + 24 + 27 + 32 + 61 \\ &:= 1^7 + 2^6 + 3^2 + 3^4 + 5^1 = 17 + 26 + 32 + 34 + 51 \\ &:= 1^7 + 2^6 + 3^3 + 4^1 + 4^3 = 17 + 26 + 33 + 41 + 43 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^1 + 2^7 + 4^1 + 5^2 = 19 + 21 + 27 + 41 + 52 \\ &:= 1^9 + 2^2 + 3^3 + 4^3 + 4^3 = 19 + 22 + 33 + 43 + 43 \\ &:= 1^9 + 2^4 + 3^2 + 3^2 + 5^3 = 19 + 24 + 32 + 32 + 53 \\ &:= 1^9 + 2^7 + 3^1 + 3^1 + 5^2 = 19 + 27 + 31 + 31 + 52 \\ &:= 1^9 + 2^7 + 3^1 + 3^3 + 5^0 = 19 + 27 + 31 + 33 + 50 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 2^1 + 2^4 + 4^2 + 5^3 = 20 + 21 + 24 + 42 + 53 \\ &:= 2^5 + 2^5 + 2^6 + 3^3 + 5^1 = 25 + 25 + 26 + 33 + 51 \\ &:= 2^5 + 2^5 + 2^6 + 4^2 + 4^2 = 25 + 25 + 26 + 42 + 42 \end{aligned}$$

2.2.62 Number 161

$$\begin{aligned} 161 &:= 1^5 + 2^4 + 12^2 = 15 + 24 + 122 \\ &:= 1^1 + 2^5 + 4^3 + 8^2 = 11 + 25 + 43 + 82 \\ &:= 1^1 + 2^7 + 5^2 + 7^1 = 11 + 27 + 52 + 71 \\ &:= 2^1 + 2^7 + 5^2 + 6^1 = 21 + 27 + 52 + 61 \\ &:= 2^2 + 3^3 + 3^4 + 7^2 = 22 + 33 + 34 + 72 \\ &:= 2^3 + 4^3 + 4^3 + 5^2 = 23 + 43 + 43 + 52 \\ &:= 2^5 + 4^3 + 4^3 + 5^0 = 25 + 43 + 43 + 50 \\ &:= 2^7 + 3^1 + 5^1 + 5^2 = 27 + 31 + 51 + 52 \\ &:= 2^7 + 3^3 + 5^0 + 5^1 = 27 + 33 + 50 + 51 \\ &:= 2^7 + 4^1 + 4^1 + 5^2 = 27 + 41 + 41 + 52 \\ &:= 2^7 + 4^2 + 4^2 + 5^0 = 27 + 42 + 42 + 50 \\ &:= 1^0 + 1^1 + 2^7 + 5^2 + 6^1 = 10 + 11 + 27 + 52 + 61 \\ &:= 1^0 + 1^4 + 3^2 + 5^2 + 5^3 = 10 + 14 + 32 + 52 + 53 \\ &:= 1^0 + 2^1 + 2^7 + 5^1 + 5^2 = 10 + 21 + 27 + 51 + 52 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 2^7 + 3^1 + 4^1 + 5^2 = 10 + 27 + 31 + 41 + 52 \\ &:= 1^0 + 2^7 + 3^3 + 4^1 + 5^0 = 10 + 27 + 33 + 41 + 50 \\ &:= 1^1 + 1^3 + 3^2 + 5^2 + 5^3 = 11 + 13 + 32 + 52 + 53 \\ &:= 1^1 + 2^4 + 3^1 + 4^2 + 5^3 = 11 + 24 + 31 + 42 + 53 \\ &:= 1^2 + 1^2 + 3^2 + 5^2 + 5^3 = 12 + 12 + 32 + 52 + 53 \\ &:= 1^2 + 2^1 + 2^3 + 5^2 + 5^3 = 12 + 21 + 23 + 52 + 53 \\ &:= 1^2 + 2^1 + 2^5 + 5^0 + 5^3 = 12 + 21 + 25 + 50 + 53 \\ &:= 1^2 + 2^2 + 3^3 + 4^1 + 5^3 = 12 + 22 + 33 + 41 + 53 \\ &:= 1^9 + 2^2 + 2^7 + 3^3 + 6^0 = 19 + 22 + 27 + 33 + 60 \\ &:= 2^0 + 2^7 + 3^3 + 4^0 + 4^1 = 20 + 27 + 33 + 40 + 41 \\ &:= 2^1 + 2^1 + 2^4 + 4^2 + 5^3 = 21 + 21 + 24 + 42 + 53 \\ &:= 2^5 + 2^5 + 2^5 + 2^6 + 6^0 = 25 + 25 + 25 + 26 + 60 \\ &:= 2^7 + 3^0 + 3^0 + 3^3 + 4^1 = 27 + 30 + 30 + 33 + 41 \end{aligned}$$

2.2.63 Number 162

$$\begin{aligned} 162 &:= 1^0 + 2^5 + 2^7 + 10^0 = 10 + 25 + 27 + 100 \\ &:= 2^0 + 2^4 + 2^6 + 9^2 = 20 + 24 + 26 + 92 \\ &:= 2^0 + 2^5 + 2^7 + 9^0 = 20 + 25 + 27 + 90 \\ &:= 2^3 + 2^7 + 5^2 + 6^0 = 23 + 27 + 52 + 60 \\ &:= 2^5 + 2^7 + 3^0 + 8^0 = 25 + 27 + 30 + 80 \\ &:= 2^5 + 2^7 + 4^0 + 7^0 = 25 + 27 + 40 + 70 \\ &:= 2^5 + 2^7 + 5^0 + 6^0 = 25 + 27 + 50 + 60 \\ &:= 2^6 + 3^4 + 4^2 + 6^0 = 26 + 34 + 42 + 60 \\ &:= 1^0 + 1^9 + 2^5 + 2^6 + 8^2 = 10 + 19 + 25 + 26 + 82 \\ &:= 1^1 + 1^8 + 2^5 + 2^6 + 8^2 = 11 + 18 + 25 + 26 + 82 \\ &:= 1^1 + 2^5 + 4^0 + 4^3 + 4^3 = 11 + 25 + 40 + 43 + 43 \\ &:= 1^1 + 2^7 + 3^3 + 4^0 + 5^1 = 11 + 27 + 33 + 40 + 51 \\ &:= 1^1 + 2^7 + 4^0 + 4^2 + 4^2 = 11 + 27 + 40 + 42 + 42 \\ &:= 1^2 + 1^7 + 2^5 + 2^6 + 8^2 = 12 + 17 + 25 + 26 + 82 \\ &:= 1^3 + 1^6 + 2^5 + 2^6 + 8^2 = 13 + 16 + 25 + 26 + 82 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^3 + 3^3 + 4^0 + 5^3 = 13 + 23 + 33 + 40 + 53 \\ &:= 1^3 + 2^5 + 3^1 + 4^0 + 5^3 = 13 + 25 + 31 + 40 + 53 \\ &:= 1^4 + 1^5 + 2^5 + 2^6 + 8^2 = 14 + 15 + 25 + 26 + 82 \\ &:= 1^5 + 2^4 + 2^5 + 2^6 + 7^2 = 15 + 24 + 25 + 26 + 72 \\ &:= 1^5 + 2^5 + 2^6 + 2^6 + 7^0 = 15 + 25 + 26 + 26 + 70 \\ &:= 1^6 + 2^6 + 2^6 + 3^3 + 6^1 = 16 + 26 + 26 + 33 + 61 \\ &:= 1^7 + 2^4 + 2^4 + 2^7 + 7^0 = 17 + 24 + 24 + 27 + 70 \\ &:= 1^8 + 2^3 + 2^6 + 4^3 + 5^2 = 18 + 23 + 26 + 43 + 52 \\ &:= 1^8 + 2^5 + 2^6 + 4^3 + 5^0 = 18 + 25 + 26 + 43 + 50 \\ &:= 1^9 + 2^4 + 2^7 + 4^2 + 5^0 = 19 + 24 + 27 + 42 + 50 \\ &:= 2^0 + 2^2 + 2^7 + 4^1 + 5^2 = 20 + 22 + 27 + 41 + 52 \\ &:= 2^0 + 2^4 + 2^4 + 4^1 + 5^3 = 20 + 24 + 24 + 41 + 53 \\ &:= 2^1 + 2^7 + 3^3 + 4^0 + 4^1 = 21 + 27 + 33 + 40 + 41 \\ &:= 2^7 + 3^1 + 3^1 + 3^3 + 4^0 = 27 + 31 + 31 + 33 + 40 \end{aligned}$$

2.2.64 Number 163

$$\begin{aligned}
 163 &:= 1^8 + 3^0 + 5^3 + 6^2 = 18 + 30 + 53 + 62 & & := 1^3 + 1^8 + 2^5 + 2^7 + 8^0 = 13 + 18 + 25 + 27 + 80 \\
 &:= 2^1 + 2^4 + 2^6 + 9^2 = 21 + 24 + 26 + 92 & & := 1^3 + 2^2 + 2^3 + 5^2 + 5^3 = 13 + 22 + 23 + 52 + 53 \\
 &:= 2^1 + 2^5 + 2^7 + 9^0 = 21 + 25 + 27 + 90 & & := 1^3 + 2^2 + 2^5 + 5^0 + 5^3 = 13 + 22 + 25 + 50 + 53 \\
 &:= 2^5 + 3^4 + 5^2 + 5^2 = 25 + 34 + 52 + 52 & & := 1^4 + 1^7 + 2^5 + 2^7 + 8^0 = 14 + 17 + 25 + 27 + 80 \\
 &:= 1^0 + 1^1 + 2^4 + 2^6 + 9^2 = 10 + 11 + 24 + 26 + 92 & & := 1^4 + 2^5 + 3^0 + 4^1 + 5^3 = 14 + 25 + 30 + 41 + 53 \\
 &:= 1^0 + 1^1 + 2^5 + 2^7 + 9^0 = 10 + 11 + 25 + 27 + 90 & & := 1^4 + 3^0 + 3^4 + 4^2 + 4^3 = 14 + 30 + 34 + 42 + 43 \\
 &:= 1^0 + 1^3 + 2^4 + 3^4 + 8^2 = 10 + 13 + 24 + 34 + 82 & & := 1^5 + 1^6 + 2^5 + 2^7 + 8^0 = 15 + 16 + 25 + 27 + 80 \\
 &:= 1^0 + 2^6 + 3^2 + 4^3 + 5^2 = 10 + 26 + 32 + 43 + 52 & & := 1^5 + 3^0 + 3^2 + 3^3 + 5^3 = 15 + 30 + 32 + 33 + 53 \\
 &:= 1^1 + 1^2 + 2^4 + 3^4 + 8^2 = 11 + 12 + 24 + 34 + 82 & & := 1^9 + 2^4 + 2^6 + 3^4 + 6^0 = 19 + 24 + 26 + 34 + 60 \\
 &:= 1^1 + 2^0 + 2^5 + 2^7 + 8^0 = 11 + 20 + 25 + 27 + 80 & & := 2^1 + 2^2 + 2^7 + 4^1 + 5^2 = 21 + 22 + 27 + 41 + 52 \\
 &:= 1^1 + 2^2 + 2^7 + 5^1 + 5^2 = 11 + 22 + 27 + 51 + 52 & & := 2^1 + 2^4 + 2^4 + 4^1 + 5^3 = 21 + 24 + 24 + 41 + 53 \\
 &:= 1^1 + 2^3 + 2^7 + 5^0 + 5^2 = 11 + 23 + 27 + 50 + 52 & & := 2^2 + 2^2 + 3^3 + 4^3 + 4^3 = 22 + 22 + 33 + 43 + 43 \\
 &:= 1^1 + 2^4 + 2^4 + 5^1 + 5^3 = 11 + 24 + 24 + 51 + 53 & & := 2^2 + 2^4 + 3^2 + 3^2 + 5^3 = 22 + 24 + 32 + 32 + 53 \\
 &:= 1^1 + 2^5 + 2^7 + 3^0 + 7^0 = 11 + 25 + 27 + 30 + 70 & & := 2^2 + 2^7 + 3^1 + 3^1 + 5^2 = 22 + 27 + 31 + 31 + 52 \\
 &:= 1^1 + 2^5 + 2^7 + 4^0 + 6^0 = 11 + 25 + 27 + 40 + 60 & & := 2^2 + 2^7 + 3^1 + 3^3 + 5^0 = 22 + 27 + 31 + 33 + 50 \\
 &:= 1^1 + 2^5 + 2^7 + 5^0 + 5^0 = 11 + 25 + 27 + 50 + 50 & & := 2^4 + 2^4 + 3^1 + 3^1 + 5^3 = 24 + 24 + 31 + 31 + 53 \\
 &:= 1^1 + 2^6 + 3^4 + 4^2 + 5^0 = 11 + 26 + 34 + 42 + 50 & & := 2^7 + 3^0 + 3^2 + 3^2 + 4^2 = 27 + 30 + 32 + 32 + 42 \\
 &:= 1^2 + 1^9 + 2^5 + 2^7 + 8^0 = 12 + 19 + 25 + 27 + 80 & & := 3^0 + 3^3 + 3^3 + 3^3 + 3^4 = 30 + 33 + 33 + 33 + 34 \\
 &:= 1^2 + 2^4 + 3^4 + 4^3 + 5^0 = 12 + 24 + 34 + 43 + 50 & & \\
 &:= 1^2 + 2^7 + 3^0 + 3^3 + 6^1 = 12 + 27 + 30 + 33 + 61 & &
 \end{aligned}$$

2.2.65 Number 164

$$\begin{aligned}
 164 &:= 1^6 + 3^4 + 3^4 + 8^0 = 16 + 34 + 34 + 80 & & := 1^3 + 2^7 + 3^2 + 4^0 + 5^2 = 13 + 27 + 32 + 40 + 52 \\
 &:= 1^8 + 2^0 + 3^4 + 9^2 = 18 + 20 + 34 + 92 & & := 1^4 + 1^5 + 2^0 + 5^3 + 6^2 = 14 + 15 + 20 + 53 + 62 \\
 &:= 1^9 + 1^9 + 3^4 + 9^2 = 19 + 19 + 34 + 92 & & := 1^4 + 1^6 + 1^9 + 5^3 + 6^2 = 14 + 16 + 19 + 53 + 62 \\
 &:= 1^0 + 1^9 + 2^0 + 5^3 + 6^2 = 10 + 19 + 20 + 53 + 62 & & := 1^4 + 1^7 + 1^8 + 5^3 + 6^2 = 14 + 17 + 18 + 53 + 62 \\
 &:= 1^1 + 1^8 + 2^0 + 5^3 + 6^2 = 11 + 18 + 20 + 53 + 62 & & := 1^4 + 1^9 + 2^5 + 3^4 + 7^2 = 14 + 19 + 25 + 34 + 72 \\
 &:= 1^1 + 1^9 + 1^9 + 5^3 + 6^2 = 11 + 19 + 19 + 53 + 62 & & := 1^4 + 1^9 + 2^7 + 3^3 + 7^1 = 14 + 19 + 27 + 33 + 71 \\
 &:= 1^1 + 2^1 + 2^5 + 2^7 + 8^0 = 11 + 21 + 25 + 27 + 80 & & := 1^5 + 1^5 + 1^9 + 5^3 + 6^2 = 15 + 15 + 19 + 53 + 62 \\
 &:= 1^2 + 1^7 + 2^0 + 5^3 + 6^2 = 12 + 17 + 20 + 53 + 62 & & := 1^5 + 1^6 + 1^8 + 5^3 + 6^2 = 15 + 16 + 18 + 53 + 62 \\
 &:= 1^2 + 1^8 + 1^9 + 5^3 + 6^2 = 12 + 18 + 19 + 53 + 62 & & := 1^5 + 1^7 + 1^7 + 5^3 + 6^2 = 15 + 17 + 17 + 53 + 62 \\
 &:= 1^3 + 1^6 + 2^0 + 5^3 + 6^2 = 13 + 16 + 20 + 53 + 62 & & := 1^5 + 1^8 + 2^5 + 3^4 + 7^2 = 15 + 18 + 25 + 34 + 72 \\
 &:= 1^3 + 1^7 + 1^9 + 5^3 + 6^2 = 13 + 17 + 19 + 53 + 62 & & := 1^5 + 1^8 + 2^7 + 3^3 + 7^1 = 15 + 18 + 27 + 33 + 71 \\
 &:= 1^3 + 1^8 + 1^8 + 5^3 + 6^2 = 13 + 18 + 18 + 53 + 62 & & := 1^5 + 2^0 + 2^5 + 5^1 + 5^3 = 15 + 20 + 25 + 51 + 53 \\
 &:= 1^3 + 2^0 + 2^5 + 3^4 + 7^2 = 13 + 20 + 25 + 34 + 72 & & := 1^6 + 1^6 + 1^7 + 5^3 + 6^2 = 16 + 16 + 17 + 53 + 62 \\
 &:= 1^3 + 2^0 + 2^7 + 3^3 + 7^1 = 13 + 20 + 27 + 33 + 71 & & := 1^6 + 1^7 + 2^5 + 3^4 + 7^2 = 16 + 17 + 25 + 34 + 72
 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 1^7 + 2^7 + 3^3 + 7^1 = 16 + 17 + 27 + 33 + 71 \\ &:= 1^6 + 1^9 + 2^5 + 5^1 + 5^3 = 16 + 19 + 25 + 51 + 53 \\ &:= 1^7 + 1^8 + 2^5 + 5^1 + 5^3 = 17 + 18 + 25 + 51 + 53 \\ &:= 2^2 + 2^2 + 2^7 + 3^3 + 6^0 = 22 + 22 + 27 + 33 + 60 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 2^7 + 3^1 + 4^0 + 4^2 = 24 + 27 + 31 + 40 + 42 \\ &:= 2^6 + 3^2 + 3^2 + 3^4 + 4^0 = 26 + 32 + 32 + 34 + 40 \end{aligned}$$

2.2.66 Number 165

$$\begin{aligned} 165 &:= 2^0 + 4^3 + 10^2 = 20 + 43 + 102 \\ &:= 1^3 + 2^5 + 2^5 + 10^2 = 13 + 25 + 25 + 102 \\ &:= 1^4 + 2^7 + 3^3 + 9^1 = 14 + 27 + 33 + 91 \\ &:= 1^6 + 2^5 + 5^3 + 7^1 = 16 + 25 + 53 + 71 \\ &:= 1^7 + 4^3 + 4^3 + 6^2 = 17 + 43 + 43 + 62 \\ &:= 1^8 + 2^1 + 3^4 + 9^2 = 18 + 21 + 34 + 92 \\ &:= 1^9 + 3^1 + 5^3 + 6^2 = 19 + 31 + 53 + 62 \\ &:= 1^0 + 1^0 + 1^9 + 3^4 + 9^2 = 10 + 10 + 19 + 34 + 92 \\ &:= 1^0 + 1^1 + 1^8 + 3^4 + 9^2 = 10 + 11 + 18 + 34 + 92 \\ &:= 1^0 + 1^2 + 1^7 + 3^4 + 9^2 = 10 + 12 + 17 + 34 + 92 \\ &:= 1^0 + 1^3 + 1^6 + 3^4 + 9^2 = 10 + 13 + 16 + 34 + 92 \\ &:= 1^0 + 1^4 + 1^5 + 3^4 + 9^2 = 10 + 14 + 15 + 34 + 92 \\ &:= 1^0 + 1^4 + 2^7 + 3^3 + 8^1 = 10 + 14 + 27 + 33 + 81 \\ &:= 1^0 + 1^6 + 2^5 + 5^3 + 6^1 = 10 + 16 + 25 + 53 + 61 \\ &:= 1^0 + 1^7 + 3^4 + 3^4 + 7^0 = 10 + 17 + 34 + 34 + 70 \\ &:= 1^0 + 1^9 + 2^1 + 5^3 + 6^2 = 10 + 19 + 21 + 53 + 62 \\ &:= 1^0 + 2^2 + 2^5 + 2^6 + 8^2 = 10 + 22 + 25 + 26 + 82 \\ &:= 1^0 + 2^5 + 2^5 + 4^3 + 6^2 = 10 + 25 + 25 + 43 + 62 \\ &:= 1^1 + 1^1 + 1^7 + 3^4 + 9^2 = 11 + 11 + 17 + 34 + 92 \\ &:= 1^1 + 1^2 + 1^6 + 3^4 + 9^2 = 11 + 12 + 16 + 34 + 92 \\ &:= 1^1 + 1^3 + 1^5 + 3^4 + 9^2 = 11 + 13 + 15 + 34 + 92 \\ &:= 1^1 + 1^3 + 2^7 + 3^3 + 8^1 = 11 + 13 + 27 + 33 + 81 \\ &:= 1^1 + 1^4 + 1^4 + 3^4 + 9^2 = 11 + 14 + 14 + 34 + 92 \\ &:= 1^1 + 1^5 + 2^5 + 5^3 + 6^1 = 11 + 15 + 25 + 53 + 61 \\ &:= 1^1 + 1^6 + 3^4 + 3^4 + 7^0 = 11 + 16 + 34 + 34 + 70 \\ &:= 1^1 + 1^8 + 2^1 + 5^3 + 6^2 = 11 + 18 + 21 + 53 + 62 \\ &:= 1^2 + 1^2 + 1^5 + 3^4 + 9^2 = 12 + 12 + 15 + 34 + 92 \\ &:= 1^2 + 1^2 + 2^7 + 3^3 + 8^1 = 12 + 12 + 27 + 33 + 81 \\ &:= 1^2 + 1^3 + 1^4 + 3^4 + 9^2 = 12 + 13 + 14 + 34 + 92 \\ &:= 1^2 + 1^4 + 2^5 + 5^3 + 6^1 = 12 + 14 + 25 + 53 + 61 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^5 + 3^4 + 3^4 + 7^0 = 12 + 15 + 34 + 34 + 70 \\ &:= 1^2 + 1^7 + 2^1 + 5^3 + 6^2 = 12 + 17 + 21 + 53 + 62 \\ &:= 1^2 + 2^3 + 2^7 + 3^3 + 7^0 = 12 + 23 + 27 + 33 + 70 \\ &:= 1^2 + 2^5 + 2^7 + 3^1 + 7^0 = 12 + 25 + 27 + 31 + 70 \\ &:= 1^3 + 1^3 + 1^3 + 3^4 + 9^2 = 13 + 13 + 13 + 34 + 92 \\ &:= 1^3 + 1^3 + 2^5 + 5^3 + 6^1 = 13 + 13 + 25 + 53 + 61 \\ &:= 1^3 + 1^4 + 3^4 + 3^4 + 7^0 = 13 + 14 + 34 + 34 + 70 \\ &:= 1^3 + 1^6 + 2^1 + 5^3 + 6^2 = 13 + 16 + 21 + 53 + 62 \\ &:= 1^3 + 2^1 + 2^5 + 3^4 + 7^2 = 13 + 21 + 25 + 34 + 72 \\ &:= 1^3 + 2^1 + 2^7 + 3^3 + 7^1 = 13 + 21 + 27 + 33 + 71 \\ &:= 1^3 + 2^5 + 4^1 + 4^3 + 4^3 = 13 + 25 + 41 + 43 + 43 \\ &:= 1^3 + 2^7 + 3^1 + 3^3 + 6^1 = 13 + 27 + 31 + 33 + 61 \\ &:= 1^3 + 2^7 + 3^3 + 4^1 + 5^1 = 13 + 27 + 33 + 41 + 51 \\ &:= 1^3 + 2^7 + 4^1 + 4^2 + 4^2 = 13 + 27 + 41 + 42 + 42 \\ &:= 1^4 + 1^5 + 2^1 + 5^3 + 6^2 = 14 + 15 + 21 + 53 + 62 \\ &:= 1^4 + 3^2 + 3^3 + 4^3 + 4^3 = 14 + 32 + 33 + 43 + 43 \\ &:= 1^5 + 2^1 + 2^5 + 5^1 + 5^3 = 15 + 21 + 25 + 51 + 53 \\ &:= 1^5 + 2^3 + 3^3 + 4^1 + 5^3 = 15 + 23 + 33 + 41 + 53 \\ &:= 1^5 + 2^5 + 3^1 + 4^1 + 5^3 = 15 + 25 + 31 + 41 + 53 \\ &:= 1^5 + 3^1 + 3^4 + 4^2 + 4^3 = 15 + 31 + 34 + 42 + 43 \\ &:= 1^6 + 3^1 + 3^2 + 3^3 + 5^3 = 16 + 31 + 32 + 33 + 53 \\ &:= 1^7 + 2^0 + 3^4 + 3^4 + 6^0 = 17 + 20 + 34 + 34 + 60 \\ &:= 1^7 + 3^0 + 3^4 + 3^4 + 5^0 = 17 + 30 + 34 + 34 + 50 \\ &:= 1^7 + 3^4 + 3^4 + 4^0 + 4^0 = 17 + 34 + 34 + 40 + 40 \\ &:= 1^8 + 1^9 + 3^4 + 3^4 + 6^0 = 18 + 19 + 34 + 34 + 60 \\ &:= 2^2 + 2^4 + 2^7 + 4^2 + 5^0 = 22 + 24 + 27 + 42 + 50 \\ &:= 2^3 + 2^7 + 3^2 + 4^1 + 4^2 = 23 + 27 + 32 + 41 + 42 \\ &:= 2^4 + 2^6 + 3^1 + 3^4 + 5^0 = 24 + 26 + 31 + 34 + 50 \\ &:= 2^5 + 2^6 + 3^0 + 4^1 + 4^3 = 25 + 26 + 30 + 41 + 43 \end{aligned}$$

2.2.67 Number 166

$$\begin{aligned}
 166 &:= 2^1 + 4^3 + 10^2 &= 21 + 43 + 102 &:= 1^3 + 2^5 + 2^7 + 4^1 + 6^0 = 13 + 25 + 27 + 41 + 60 \\
 &:= 5^1 + 5^3 + 6^2 &= 51 + 53 + 62 &:= 1^4 + 2^7 + 3^2 + 3^3 + 6^0 = 14 + 27 + 32 + 33 + 60 \\
 &:= 1^0 + 1^1 + 4^3 + 10^2 &= 10 + 11 + 43 + 102 &:= 1^5 + 2^0 + 2^6 + 4^3 + 6^2 = 15 + 20 + 26 + 43 + 62 \\
 &:= 1^0 + 4^1 + 5^3 + 6^2 &= 10 + 41 + 53 + 62 &:= 1^6 + 1^9 + 2^6 + 4^3 + 6^2 = 16 + 19 + 26 + 43 + 62 \\
 &:= 1^7 + 2^7 + 6^0 + 6^2 &= 17 + 27 + 60 + 62 &:= 1^7 + 1^8 + 2^6 + 4^3 + 6^2 = 17 + 18 + 26 + 43 + 62 \\
 &:= 1^8 + 2^0 + 2^6 + 10^2 &= 18 + 20 + 26 + 102 &:= 1^7 + 2^1 + 3^4 + 3^4 + 6^0 = 17 + 21 + 34 + 34 + 60 \\
 &:= 1^9 + 1^9 + 2^6 + 10^2 &= 19 + 19 + 26 + 102 &:= 2^2 + 2^4 + 2^6 + 3^4 + 6^0 = 22 + 24 + 26 + 34 + 60 \\
 &:= 1^0 + 1^0 + 3^1 + 5^3 + 6^2 &= 10 + 10 + 31 + 53 + 62 &:= 2^4 + 2^4 + 2^7 + 4^0 + 5^1 = 24 + 24 + 27 + 40 + 51 \\
 &:= 1^2 + 2^2 + 2^5 + 2^7 + 8^0 &= 12 + 22 + 25 + 27 + 80 \\
 &:= 1^2 + 2^6 + 2^6 + 4^0 + 6^2 &= 12 + 26 + 26 + 40 + 62
 \end{aligned}$$

2.2.68 Number 167

$$\begin{aligned}
 167 &:= 1^8 + 2^1 + 2^6 + 10^2 &= 18 + 21 + 26 + 102 &:= 1^3 + 2^4 + 2^7 + 4^2 + 6^1 = 13 + 24 + 27 + 42 + 61 \\
 &:= 1^9 + 2^2 + 3^4 + 9^2 &= 19 + 22 + 34 + 92 &:= 1^4 + 1^4 + 2^7 + 5^0 + 6^2 = 14 + 14 + 27 + 50 + 62 \\
 &:= 2^0 + 4^2 + 5^2 + 5^3 &= 20 + 42 + 52 + 53 &:= 1^4 + 1^6 + 2^2 + 5^3 + 6^2 = 14 + 16 + 22 + 53 + 62 \\
 &:= 1^0 + 1^0 + 1^9 + 2^6 + 10^2 &= 10 + 10 + 19 + 26 + 102 &:= 1^4 + 2^2 + 2^5 + 3^4 + 7^2 = 14 + 22 + 25 + 34 + 72 \\
 &:= 1^0 + 1^1 + 1^8 + 2^6 + 10^2 &= 10 + 11 + 18 + 26 + 102 &:= 1^4 + 2^2 + 2^7 + 3^3 + 7^1 = 14 + 22 + 27 + 33 + 71 \\
 &:= 1^0 + 1^2 + 1^7 + 2^6 + 10^2 &= 10 + 12 + 17 + 26 + 102 &:= 1^4 + 2^3 + 2^7 + 5^1 + 5^2 = 14 + 23 + 27 + 51 + 52 \\
 &:= 1^0 + 1^3 + 1^6 + 2^6 + 10^2 &= 10 + 13 + 16 + 26 + 102 &:= 1^4 + 2^5 + 2^7 + 5^0 + 5^1 = 14 + 25 + 27 + 50 + 51 \\
 &:= 1^0 + 1^4 + 1^5 + 2^6 + 10^2 &= 10 + 14 + 15 + 26 + 102 &:= 1^4 + 2^6 + 3^4 + 4^2 + 5^1 = 14 + 26 + 34 + 42 + 51 \\
 &:= 1^0 + 1^8 + 2^7 + 5^0 + 6^2 &= 10 + 18 + 27 + 50 + 62 &:= 1^5 + 1^5 + 2^2 + 5^3 + 6^2 = 15 + 15 + 22 + 53 + 62 \\
 &:= 1^0 + 2^0 + 2^2 + 5^3 + 6^2 &= 10 + 20 + 22 + 53 + 62 &:= 1^5 + 2^1 + 2^6 + 4^3 + 6^2 = 15 + 21 + 26 + 43 + 62 \\
 &:= 1^1 + 1^1 + 1^7 + 2^6 + 10^2 &= 11 + 11 + 17 + 26 + 102 &:= 1^5 + 2^4 + 3^4 + 4^3 + 5^1 = 15 + 24 + 34 + 43 + 51 \\
 &:= 1^1 + 1^2 + 1^6 + 2^6 + 10^2 &= 11 + 12 + 16 + 26 + 102 &:= 1^5 + 2^7 + 3^2 + 4^1 + 5^2 = 15 + 27 + 32 + 41 + 52 \\
 &:= 1^1 + 1^3 + 1^5 + 2^6 + 10^2 &= 11 + 13 + 15 + 26 + 102 &:= 1^6 + 2^2 + 2^5 + 5^1 + 5^3 = 16 + 22 + 25 + 51 + 53 \\
 &:= 1^1 + 1^4 + 1^4 + 2^6 + 10^2 &= 11 + 14 + 14 + 26 + 102 &:= 1^6 + 2^3 + 2^3 + 5^2 + 5^3 = 16 + 23 + 23 + 52 + 53 \\
 &:= 1^1 + 1^7 + 2^7 + 5^0 + 6^2 &= 11 + 17 + 27 + 50 + 62 &:= 1^6 + 2^3 + 2^5 + 5^0 + 5^3 = 16 + 23 + 25 + 50 + 53 \\
 &:= 1^1 + 1^9 + 2^2 + 5^3 + 6^2 &= 11 + 19 + 22 + 53 + 62 &:= 1^6 + 2^4 + 3^2 + 4^2 + 5^3 = 16 + 24 + 32 + 42 + 53 \\
 &:= 1^2 + 1^2 + 1^5 + 2^6 + 10^2 &= 12 + 12 + 15 + 26 + 102 &:= 1^8 + 2^0 + 2^7 + 4^0 + 6^2 = 18 + 20 + 27 + 40 + 62 \\
 &:= 1^2 + 1^3 + 1^4 + 2^6 + 10^2 &= 12 + 13 + 14 + 26 + 102 &:= 1^8 + 2^7 + 3^0 + 3^0 + 6^2 = 18 + 27 + 30 + 30 + 62 \\
 &:= 1^2 + 1^6 + 2^7 + 5^0 + 6^2 &= 12 + 16 + 27 + 50 + 62 &:= 1^8 + 3^1 + 3^4 + 3^4 + 5^0 = 18 + 31 + 34 + 34 + 50 \\
 &:= 1^2 + 1^8 + 2^2 + 5^3 + 6^2 &= 12 + 18 + 22 + 53 + 62 &:= 1^9 + 1^9 + 2^7 + 4^0 + 6^2 = 19 + 19 + 27 + 40 + 62 \\
 &:= 1^2 + 2^5 + 2^6 + 4^3 + 6^1 &= 12 + 25 + 26 + 43 + 61 &:= 2^3 + 2^3 + 2^6 + 3^4 + 6^1 = 23 + 23 + 26 + 34 + 61 \\
 &:= 1^3 + 1^3 + 1^3 + 2^6 + 10^2 &= 13 + 13 + 13 + 26 + 102 &:= 2^3 + 2^4 + 2^7 + 3^2 + 6^1 = 23 + 24 + 27 + 32 + 61 \\
 &:= 1^3 + 1^5 + 2^7 + 5^0 + 6^2 &= 13 + 15 + 27 + 50 + 62 \\
 &:= 1^3 + 1^7 + 2^2 + 5^3 + 6^2 &= 13 + 17 + 22 + 53 + 62
 \end{aligned}$$

2.2.69 Number 168

$$\begin{aligned}
 168 &:= 2^1 + 4^2 + 5^2 + 5^3 = 21 + 42 + 52 + 53 \\
 &:= 2^2 + 3^1 + 5^3 + 6^2 = 22 + 31 + 53 + 62 \\
 &:= 1^0 + 1^0 + 2^2 + 3^4 + 9^2 = 10 + 10 + 22 + 34 + 92 \\
 &:= 1^0 + 1^1 + 4^2 + 5^2 + 5^3 = 10 + 11 + 42 + 52 + 53 \\
 &:= 1^0 + 2^1 + 2^2 + 5^3 + 6^2 = 10 + 21 + 22 + 53 + 62 \\
 &:= 1^5 + 2^5 + 2^7 + 4^0 + 6^1 = 15 + 25 + 27 + 40 + 61 \\
 &:= 1^8 + 2^1 + 2^7 + 4^0 + 6^2 = 18 + 21 + 27 + 40 + 62
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 2^2 + 3^4 + 3^4 + 6^0 = 18 + 22 + 34 + 34 + 60 \\
 &:= 1^8 + 2^5 + 3^2 + 4^0 + 5^3 = 18 + 25 + 32 + 40 + 53 \\
 &:= 1^9 + 2^0 + 2^4 + 5^2 + 5^3 = 19 + 20 + 24 + 52 + 53 \\
 &:= 1^9 + 3^4 + 3^4 + 4^0 + 4^1 = 19 + 34 + 34 + 40 + 41 \\
 &:= 2^0 + 2^5 + 2^6 + 2^6 + 7^1 = 20 + 25 + 26 + 26 + 71
 \end{aligned}$$

2.2.70 Number 169

$$\begin{aligned}
 169 &:= 1^9 + 2^2 + 2^6 + 10^2 = 19 + 22 + 26 + 102 \\
 &:= 3^4 + 3^4 + 4^0 + 6^1 = 34 + 34 + 40 + 61 \\
 &:= 1^0 + 3^4 + 3^4 + 4^0 + 5^1 = 10 + 34 + 34 + 40 + 51 \\
 &:= 1^1 + 2^5 + 2^6 + 2^6 + 8^1 = 11 + 25 + 26 + 26 + 81 \\
 &:= 1^3 + 2^3 + 2^5 + 2^6 + 8^2 = 13 + 23 + 25 + 26 + 82 \\
 &:= 1^3 + 2^4 + 2^4 + 2^7 + 8^1 = 13 + 24 + 24 + 27 + 81 \\
 &:= 1^4 + 2^4 + 2^6 + 3^4 + 7^1 = 14 + 24 + 26 + 34 + 71 \\
 &:= 1^4 + 2^6 + 2^6 + 4^1 + 6^2 = 14 + 26 + 26 + 41 + 62 \\
 &:= 1^6 + 2^2 + 2^6 + 4^3 + 6^2 = 16 + 22 + 26 + 43 + 62 \\
 &:= 1^6 + 2^5 + 2^7 + 3^0 + 7^1 = 16 + 25 + 27 + 30 + 71
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^1 + 2^4 + 5^2 + 5^3 = 19 + 21 + 24 + 52 + 53 \\
 &:= 1^9 + 2^7 + 3^0 + 3^1 + 6^2 = 19 + 27 + 30 + 31 + 62 \\
 &:= 2^0 + 3^0 + 3^4 + 3^4 + 5^1 = 20 + 30 + 34 + 34 + 51 \\
 &:= 2^1 + 2^5 + 2^6 + 2^6 + 7^1 = 21 + 25 + 26 + 26 + 71 \\
 &:= 2^3 + 2^6 + 2^6 + 3^3 + 6^1 = 23 + 26 + 26 + 33 + 61 \\
 &:= 2^4 + 2^5 + 2^5 + 4^3 + 5^2 = 24 + 25 + 25 + 43 + 52 \\
 &:= 2^5 + 2^6 + 2^6 + 3^1 + 6^1 = 25 + 26 + 26 + 31 + 61 \\
 &:= 2^5 + 2^6 + 2^6 + 4^1 + 5^1 = 25 + 26 + 26 + 41 + 51
 \end{aligned}$$

2.2.71 Number 170

$$\begin{aligned}
 170 &:= 2^6 + 5^2 + 9^2 = 26 + 52 + 92 \\
 &:= 2^2 + 2^2 + 3^4 + 9^2 = 22 + 22 + 34 + 92 \\
 &:= 2^4 + 4^1 + 5^2 + 5^3 = 24 + 41 + 52 + 53 \\
 &:= 2^7 + 3^0 + 5^1 + 6^2 = 27 + 30 + 51 + 62 \\
 &:= 1^0 + 1^0 + 2^2 + 2^6 + 10^2 = 10 + 10 + 22 + 26 + 102 \\
 &:= 1^0 + 2^4 + 3^1 + 5^2 + 5^3 = 10 + 24 + 31 + 52 + 53 \\
 &:= 1^0 + 2^4 + 3^3 + 5^0 + 5^3 = 10 + 24 + 33 + 50 + 53 \\
 &:= 1^0 + 2^7 + 3^0 + 4^1 + 6^2 = 10 + 27 + 30 + 41 + 62 \\
 &:= 1^1 + 2^2 + 2^2 + 5^3 + 6^2 = 11 + 22 + 22 + 53 + 62 \\
 &:= 1^1 + 3^0 + 3^4 + 3^4 + 6^1 = 11 + 30 + 34 + 34 + 61 \\
 &:= 1^2 + 3^0 + 3^3 + 4^2 + 5^3 = 12 + 30 + 33 + 42 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 2^3 + 2^5 + 2^7 + 8^0 = 15 + 23 + 25 + 27 + 80 \\
 &:= 1^7 + 2^0 + 2^5 + 2^7 + 8^1 = 17 + 20 + 25 + 27 + 81 \\
 &:= 1^8 + 1^9 + 2^5 + 2^7 + 8^1 = 18 + 19 + 25 + 27 + 81 \\
 &:= 1^9 + 2^2 + 2^7 + 4^0 + 6^2 = 19 + 22 + 27 + 40 + 62 \\
 &:= 2^0 + 2^0 + 2^7 + 4^1 + 6^2 = 20 + 20 + 27 + 41 + 62 \\
 &:= 2^0 + 2^4 + 3^3 + 4^0 + 5^3 = 20 + 24 + 33 + 40 + 53 \\
 &:= 2^1 + 3^0 + 3^4 + 3^4 + 5^1 = 21 + 30 + 34 + 34 + 51 \\
 &:= 2^4 + 3^0 + 3^0 + 3^3 + 5^3 = 24 + 30 + 30 + 33 + 53 \\
 &:= 3^0 + 3^1 + 3^4 + 3^4 + 4^1 = 30 + 31 + 34 + 34 + 41
 \end{aligned}$$

2.2.72 Number 171

$$\begin{aligned}
 171 &:= 1^9 + 2^0 + 13^2 = 19 + 20 + 132 \\
 &:= 1^8 + 2^5 + 2^7 + 10^1 = 18 + 25 + 27 + 101 \\
 &:= 2^3 + 3^4 + 3^4 + 8^0 = 23 + 34 + 34 + 80
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^8 + 2^5 + 2^7 + 9^1 = 10 + 18 + 25 + 27 + 91 \\
 &:= 1^0 + 2^7 + 4^0 + 4^2 + 5^2 = 10 + 27 + 40 + 42 + 52 \\
 &:= 1^1 + 1^7 + 2^5 + 2^7 + 9^1 = 11 + 17 + 25 + 27 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^0 + 2^7 + 5^1 + 6^2 = 11 + 20 + 27 + 51 + 62 \\
 &:= 1^2 + 1^6 + 2^5 + 2^7 + 9^1 = 12 + 16 + 25 + 27 + 91 \\
 &:= 1^2 + 1^9 + 2^7 + 5^1 + 6^2 = 12 + 19 + 27 + 51 + 62 \\
 &:= 1^2 + 2^0 + 3^4 + 3^4 + 7^1 = 12 + 20 + 34 + 34 + 71 \\
 &:= 1^3 + 1^5 + 2^5 + 2^7 + 9^1 = 13 + 15 + 25 + 27 + 91 \\
 &:= 1^3 + 1^8 + 2^7 + 5^1 + 6^2 = 13 + 18 + 27 + 51 + 62 \\
 &:= 1^3 + 1^9 + 3^4 + 3^4 + 7^1 = 13 + 19 + 34 + 34 + 71 \\
 &:= 1^3 + 2^0 + 2^3 + 5^3 + 6^2 = 13 + 20 + 23 + 53 + 62 \\
 &:= 1^4 + 1^4 + 2^5 + 2^7 + 9^1 = 14 + 14 + 25 + 27 + 91 \\
 &:= 1^4 + 1^7 + 2^7 + 5^1 + 6^2 = 14 + 17 + 27 + 51 + 62 \\
 &:= 1^4 + 1^8 + 3^4 + 3^4 + 7^1 = 14 + 18 + 34 + 34 + 71 \\
 &:= 1^4 + 1^9 + 2^3 + 5^3 + 6^2 = 14 + 19 + 23 + 53 + 62 \\
 &:= 1^5 + 1^6 + 2^7 + 5^1 + 6^2 = 15 + 16 + 27 + 51 + 62 \\
 &:= 1^5 + 1^7 + 3^4 + 3^4 + 7^1 = 15 + 17 + 34 + 34 + 71 \\
 &:= 1^5 + 1^8 + 2^3 + 5^3 + 6^2 = 15 + 18 + 23 + 53 + 62 \\
 &:= 1^6 + 1^6 + 3^4 + 3^4 + 7^1 = 16 + 16 + 34 + 34 + 71 \\
 &:= 1^6 + 1^7 + 2^3 + 5^3 + 6^2 = 16 + 17 + 23 + 53 + 62 \\
 &:= 1^7 + 2^1 + 2^5 + 2^7 + 8^1 = 17 + 21 + 25 + 27 + 81
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^3 + 2^5 + 3^4 + 7^2 = 17 + 23 + 25 + 34 + 72 \\
 &:= 1^7 + 2^3 + 2^7 + 3^3 + 7^1 = 17 + 23 + 27 + 33 + 71 \\
 &:= 1^7 + 2^5 + 2^7 + 3^1 + 7^1 = 17 + 25 + 27 + 31 + 71 \\
 &:= 1^7 + 2^5 + 2^7 + 3^2 + 7^0 = 17 + 25 + 27 + 32 + 70 \\
 &:= 1^7 + 2^5 + 2^7 + 4^1 + 6^1 = 17 + 25 + 27 + 41 + 61 \\
 &:= 1^7 + 2^5 + 2^7 + 5^1 + 5^1 = 17 + 25 + 27 + 51 + 51 \\
 &:= 1^8 + 2^4 + 2^7 + 5^0 + 5^2 = 18 + 24 + 27 + 50 + 52 \\
 &:= 1^8 + 2^7 + 3^2 + 3^3 + 6^1 = 18 + 27 + 32 + 33 + 61 \\
 &:= 1^9 + 2^3 + 2^5 + 5^1 + 5^3 = 19 + 23 + 25 + 51 + 53 \\
 &:= 2^0 + 2^1 + 2^7 + 4^1 + 6^2 = 20 + 21 + 27 + 41 + 62 \\
 &:= 2^0 + 2^2 + 2^4 + 5^2 + 5^3 = 20 + 22 + 24 + 52 + 53 \\
 &:= 2^0 + 2^5 + 3^2 + 4^1 + 5^3 = 20 + 25 + 32 + 41 + 53 \\
 &:= 2^0 + 2^7 + 3^0 + 4^2 + 5^2 = 20 + 27 + 30 + 42 + 52 \\
 &:= 2^0 + 2^7 + 3^1 + 3^1 + 6^2 = 20 + 27 + 31 + 31 + 62 \\
 &:= 2^0 + 3^2 + 3^4 + 4^2 + 4^3 = 20 + 32 + 34 + 42 + 43 \\
 &:= 2^1 + 2^4 + 3^3 + 4^0 + 5^3 = 21 + 24 + 33 + 40 + 53 \\
 &:= 2^2 + 3^4 + 3^4 + 4^0 + 4^1 = 22 + 34 + 34 + 40 + 41
 \end{aligned}$$

2.2.73 Number 172

$$\begin{aligned}
 172 &:= 1^7 + 3^3 + 12^2 = 17 + 33 + 122 \\
 &:= 1^9 + 2^1 + 13^2 = 19 + 21 + 132 \\
 &:= 1^0 + 1^0 + 2^0 + 13^2 = 10 + 10 + 20 + 132 \\
 &:= 1^0 + 1^1 + 1^9 + 13^2 = 10 + 11 + 19 + 132 \\
 &:= 1^0 + 1^2 + 1^8 + 13^2 = 10 + 12 + 18 + 132 \\
 &:= 1^0 + 1^3 + 1^7 + 13^2 = 10 + 13 + 17 + 132 \\
 &:= 1^0 + 1^4 + 1^6 + 13^2 = 10 + 14 + 16 + 132 \\
 &:= 1^0 + 1^5 + 1^5 + 13^2 = 10 + 15 + 15 + 132 \\
 &:= 1^1 + 1^1 + 1^8 + 13^2 = 11 + 11 + 18 + 132 \\
 &:= 1^1 + 1^2 + 1^7 + 13^2 = 11 + 12 + 17 + 132 \\
 &:= 1^1 + 1^3 + 1^6 + 13^2 = 11 + 13 + 16 + 132 \\
 &:= 1^1 + 1^4 + 1^5 + 13^2 = 11 + 14 + 15 + 132 \\
 &:= 1^2 + 1^2 + 1^6 + 13^2 = 12 + 12 + 16 + 132 \\
 &:= 1^2 + 1^3 + 1^5 + 13^2 = 12 + 13 + 15 + 132 \\
 &:= 1^2 + 1^4 + 1^4 + 13^2 = 12 + 14 + 14 + 132 \\
 &:= 1^2 + 2^7 + 6^2 + 7^1 = 12 + 27 + 62 + 71 \\
 &:= 1^3 + 1^3 + 1^4 + 13^2 = 13 + 13 + 14 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 3^4 + 3^4 + 9^1 = 13 + 34 + 34 + 91 \\
 &:= 1^4 + 3^2 + 3^4 + 9^2 = 14 + 32 + 34 + 92 \\
 &:= 2^2 + 2^2 + 2^6 + 10^2 = 22 + 22 + 26 + 102 \\
 &:= 2^3 + 2^5 + 5^3 + 7^1 = 23 + 25 + 53 + 71 \\
 &:= 2^7 + 3^3 + 4^2 + 7^0 = 27 + 33 + 42 + 70 \\
 &:= 1^0 + 1^2 + 2^7 + 6^1 + 6^2 = 10 + 12 + 27 + 61 + 62 \\
 &:= 1^0 + 1^3 + 2^3 + 3^4 + 9^2 = 10 + 13 + 23 + 34 + 92 \\
 &:= 1^0 + 1^3 + 3^4 + 3^4 + 8^1 = 10 + 13 + 34 + 34 + 81 \\
 &:= 1^0 + 1^5 + 3^2 + 5^3 + 6^2 = 10 + 15 + 32 + 53 + 62 \\
 &:= 1^0 + 2^3 + 2^5 + 5^3 + 6^1 = 10 + 23 + 25 + 53 + 61 \\
 &:= 1^0 + 2^6 + 3^4 + 5^0 + 5^2 = 10 + 26 + 34 + 50 + 52 \\
 &:= 1^0 + 3^3 + 3^3 + 3^4 + 6^2 = 10 + 33 + 33 + 34 + 62 \\
 &:= 1^1 + 1^1 + 2^7 + 6^1 + 6^2 = 11 + 11 + 27 + 61 + 62 \\
 &:= 1^1 + 1^2 + 2^3 + 3^4 + 9^2 = 11 + 12 + 23 + 34 + 92 \\
 &:= 1^1 + 1^2 + 3^4 + 3^4 + 8^1 = 11 + 12 + 34 + 34 + 81 \\
 &:= 1^1 + 1^4 + 3^2 + 5^3 + 6^2 = 11 + 14 + 32 + 53 + 62 \\
 &:= 1^1 + 2^1 + 2^7 + 5^1 + 6^2 = 11 + 21 + 27 + 51 + 62
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^3 + 3^4 + 3^4 + 7^0 = 11 + 23 + 34 + 34 + 70 \\ &:= 1^1 + 2^5 + 3^2 + 5^1 + 5^3 = 11 + 25 + 32 + 51 + 53 \\ &:= 1^1 + 2^7 + 3^1 + 4^1 + 6^2 = 11 + 27 + 31 + 41 + 62 \\ &:= 1^1 + 3^3 + 4^2 + 4^3 + 4^3 = 11 + 33 + 42 + 43 + 43 \\ &:= 1^2 + 1^3 + 3^2 + 5^3 + 6^2 = 12 + 13 + 32 + 53 + 62 \\ &:= 1^2 + 2^1 + 3^4 + 3^4 + 7^1 = 12 + 21 + 34 + 34 + 71 \\ &:= 1^2 + 3^1 + 3^4 + 3^4 + 6^1 = 12 + 31 + 34 + 34 + 61 \\ &:= 1^2 + 3^4 + 3^4 + 4^1 + 5^1 = 12 + 34 + 34 + 41 + 51 \\ &:= 1^3 + 2^1 + 2^3 + 5^3 + 6^2 = 13 + 21 + 23 + 53 + 62 \\ &:= 1^3 + 3^0 + 3^4 + 4^3 + 5^2 = 13 + 30 + 34 + 43 + 52 \\ &:= 1^3 + 3^1 + 3^3 + 4^2 + 5^3 = 13 + 31 + 33 + 42 + 53 \\ &:= 2^0 + 2^6 + 3^4 + 4^0 + 5^2 = 20 + 26 + 34 + 40 + 52 \end{aligned}$$

$$\begin{aligned} &:= 2^1 + 2^1 + 2^7 + 4^1 + 6^2 = 21 + 21 + 27 + 41 + 62 \\ &:= 2^1 + 2^2 + 2^4 + 5^2 + 5^3 = 21 + 22 + 24 + 52 + 53 \\ &:= 2^1 + 2^5 + 3^2 + 4^1 + 5^3 = 21 + 25 + 32 + 41 + 53 \\ &:= 2^1 + 2^7 + 3^0 + 4^2 + 5^2 = 21 + 27 + 30 + 42 + 52 \\ &:= 2^1 + 2^7 + 3^1 + 3^1 + 6^2 = 21 + 27 + 31 + 31 + 62 \\ &:= 2^1 + 3^2 + 3^4 + 4^2 + 4^3 = 21 + 32 + 34 + 42 + 43 \\ &:= 2^2 + 2^7 + 3^0 + 3^1 + 6^2 = 22 + 27 + 30 + 31 + 62 \\ &:= 2^3 + 3^1 + 3^2 + 3^3 + 5^3 = 23 + 31 + 32 + 33 + 53 \\ &:= 2^5 + 3^1 + 3^1 + 3^2 + 5^3 = 25 + 31 + 31 + 32 + 53 \\ &:= 2^6 + 3^0 + 3^0 + 3^4 + 5^2 = 26 + 30 + 30 + 34 + 52 \end{aligned}$$

2.2.74 Number 173

$$\begin{aligned} 173 &:= 4^1 + 13^2 = 41 + 132 \\ &:= 1^0 + 3^1 + 13^2 = 10 + 31 + 132 \\ &:= 1^0 + 1^0 + 2^1 + 13^2 = 10 + 10 + 21 + 132 \\ &:= 2^6 + 3^3 + 3^4 + 8^0 = 26 + 33 + 34 + 80 \\ &:= 1^0 + 1^0 + 1^0 + 1^1 + 13^2 = 10 + 10 + 10 + 11 + 132 \\ &:= 1^1 + 2^7 + 3^3 + 4^2 + 6^0 = 11 + 27 + 33 + 42 + 60 \\ &:= 1^3 + 3^2 + 3^4 + 3^4 + 6^0 = 13 + 32 + 34 + 34 + 60 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^5 + 2^6 + 3^3 + 7^2 = 17 + 25 + 26 + 33 + 72 \\ &:= 1^8 + 2^2 + 2^5 + 2^7 + 8^1 = 18 + 22 + 25 + 27 + 81 \\ &:= 1^9 + 2^3 + 2^6 + 4^3 + 6^2 = 19 + 23 + 26 + 43 + 62 \\ &:= 1^9 + 2^4 + 2^7 + 3^3 + 7^0 = 19 + 24 + 27 + 33 + 70 \\ &:= 2^1 + 2^6 + 3^4 + 4^0 + 5^2 = 21 + 26 + 34 + 40 + 52 \\ &:= 2^2 + 2^2 + 2^7 + 4^0 + 6^2 = 22 + 22 + 27 + 40 + 62 \end{aligned}$$

2.2.75 Number 174

$$\begin{aligned} 174 &:= 2^0 + 2^2 + 13^2 = 20 + 22 + 132 \\ &:= 1^4 + 2^6 + 3^2 + 10^2 = 14 + 26 + 32 + 102 \\ &:= 1^0 + 1^3 + 2^3 + 2^6 + 10^2 = 10 + 13 + 23 + 26 + 102 \\ &:= 1^0 + 1^3 + 2^6 + 3^3 + 9^2 = 10 + 13 + 26 + 33 + 92 \\ &:= 1^0 + 1^5 + 3^3 + 3^4 + 8^2 = 10 + 15 + 33 + 34 + 82 \\ &:= 1^1 + 1^2 + 2^3 + 2^6 + 10^2 = 11 + 12 + 23 + 26 + 102 \\ &:= 1^1 + 1^2 + 2^6 + 3^3 + 9^2 = 11 + 12 + 26 + 33 + 92 \\ &:= 1^1 + 1^4 + 3^3 + 3^4 + 8^2 = 11 + 14 + 33 + 34 + 82 \\ &:= 1^1 + 2^4 + 3^3 + 3^4 + 7^2 = 11 + 24 + 33 + 34 + 72 \\ &:= 1^1 + 2^6 + 3^2 + 4^3 + 6^2 = 11 + 26 + 32 + 43 + 62 \\ &:= 1^1 + 2^6 + 3^3 + 3^4 + 7^0 = 11 + 26 + 33 + 34 + 70 \\ &:= 1^2 + 1^3 + 3^3 + 3^4 + 8^2 = 12 + 13 + 33 + 34 + 82 \\ &:= 1^2 + 2^2 + 2^7 + 5^1 + 6^2 = 12 + 22 + 27 + 51 + 62 \\ &:= 1^2 + 2^3 + 2^7 + 5^0 + 6^2 = 12 + 23 + 27 + 50 + 62 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^7 + 4^1 + 4^2 + 5^2 = 12 + 27 + 41 + 42 + 52 \\ &:= 1^3 + 2^2 + 3^4 + 3^4 + 7^1 = 13 + 22 + 34 + 34 + 71 \\ &:= 1^3 + 2^4 + 3^3 + 5^1 + 5^3 = 13 + 24 + 33 + 51 + 53 \\ &:= 1^3 + 2^4 + 4^2 + 4^2 + 5^3 = 13 + 24 + 42 + 42 + 53 \\ &:= 1^4 + 2^2 + 2^3 + 5^3 + 6^2 = 14 + 22 + 23 + 53 + 62 \\ &:= 1^4 + 3^1 + 3^4 + 4^3 + 5^2 = 14 + 31 + 34 + 43 + 52 \\ &:= 1^4 + 3^3 + 3^4 + 4^3 + 5^0 = 14 + 33 + 34 + 43 + 50 \\ &:= 2^2 + 2^3 + 2^5 + 5^1 + 5^3 = 22 + 23 + 25 + 51 + 53 \\ &:= 2^3 + 2^3 + 2^3 + 5^2 + 5^3 = 23 + 23 + 23 + 52 + 53 \\ &:= 2^3 + 2^3 + 2^5 + 5^0 + 5^3 = 23 + 23 + 25 + 50 + 53 \\ &:= 2^3 + 2^4 + 3^2 + 4^2 + 5^3 = 23 + 24 + 32 + 42 + 53 \\ &:= 2^4 + 2^7 + 3^0 + 4^1 + 5^2 = 24 + 27 + 30 + 41 + 52 \\ &:= 2^4 + 3^1 + 3^3 + 4^3 + 4^3 = 24 + 31 + 33 + 43 + 43 \\ &:= 2^4 + 3^2 + 3^4 + 4^1 + 4^3 = 24 + 32 + 34 + 41 + 43 \end{aligned}$$

$$\begin{aligned} &:= 2^7 + 3^1 + 3^2 + 3^2 + 5^2 = 27 + 31 + 32 + 32 + 52 \\ &:= 2^7 + 3^2 + 3^2 + 3^3 + 5^0 = 27 + 32 + 32 + 33 + 50 \end{aligned}$$

2.2.76 Number 175

$$\begin{aligned} 175 &:= 2^1 + 2^2 + 13^2 = 21 + 22 + 132 & & := 1^5 + 2^5 + 4^0 + 4^2 + 5^3 = 15 + 25 + 40 + 42 + 53 \\ &:= 5^0 + 5^3 + 7^2 = 50 + 53 + 72 & & := 2^4 + 2^7 + 3^1 + 3^3 + 6^0 = 24 + 27 + 31 + 33 + 60 \\ &:= 1^0 + 1^1 + 2^2 + 13^2 = 10 + 11 + 22 + 132 & & := 2^5 + 2^7 + 3^2 + 4^0 + 5^1 = 25 + 27 + 32 + 40 + 51 \\ &:= 1^3 + 2^4 + 2^5 + 5^3 + 6^0 = 13 + 24 + 25 + 53 + 60 \\ &:= 1^4 + 2^7 + 3^2 + 4^0 + 6^2 = 14 + 27 + 32 + 40 + 62 \end{aligned}$$

2.2.77 Number 176

$$\begin{aligned} 176 &:= 1^1 + 4^0 + 5^3 + 7^2 = 11 + 40 + 53 + 72 & & := 2^2 + 2^4 + 2^7 + 3^3 + 7^0 = 22 + 24 + 27 + 33 + 70 \\ &:= 1^9 + 5^2 + 5^2 + 5^3 = 19 + 52 + 52 + 53 & & := 2^3 + 2^5 + 2^7 + 3^0 + 7^1 = 23 + 25 + 27 + 30 + 71 \\ &:= 1^2 + 2^4 + 2^7 + 5^2 + 6^1 = 12 + 24 + 27 + 52 + 61 & & := 2^4 + 2^4 + 4^2 + 4^3 + 4^3 = 24 + 24 + 42 + 43 + 43 \\ &:= 1^3 + 2^6 + 3^4 + 5^1 + 5^2 = 13 + 26 + 34 + 51 + 52 & & := 2^4 + 3^3 + 3^3 + 3^4 + 5^2 = 24 + 33 + 33 + 34 + 52 \\ &:= 1^5 + 2^4 + 3^2 + 5^2 + 5^3 = 15 + 24 + 32 + 52 + 53 \\ &:= 2^2 + 2^3 + 2^6 + 4^3 + 6^2 = 22 + 23 + 26 + 43 + 62 \end{aligned}$$

2.2.78 Number 177

$$\begin{aligned} 177 &:= 2^5 + 3^0 + 12^2 = 25 + 30 + 122 & & := 1^5 + 1^8 + 1^9 + 5^3 + 7^2 = 15 + 18 + 19 + 53 + 72 \\ &:= 1^0 + 1^0 + 5^2 + 5^2 + 5^3 = 10 + 10 + 52 + 52 + 53 & & := 1^6 + 1^6 + 2^0 + 5^3 + 7^2 = 16 + 16 + 20 + 53 + 72 \\ &:= 1^0 + 1^2 + 3^0 + 5^3 + 7^2 = 10 + 12 + 30 + 53 + 72 & & := 1^6 + 1^7 + 1^9 + 5^3 + 7^2 = 16 + 17 + 19 + 53 + 72 \\ &:= 1^1 + 1^1 + 3^0 + 5^3 + 7^2 = 11 + 11 + 30 + 53 + 72 & & := 1^6 + 1^8 + 1^8 + 5^3 + 7^2 = 16 + 18 + 18 + 53 + 72 \\ &:= 1^2 + 2^0 + 2^0 + 5^3 + 7^2 = 12 + 20 + 20 + 53 + 72 & & := 1^7 + 1^7 + 1^8 + 5^3 + 7^2 = 17 + 17 + 18 + 53 + 72 \\ &:= 1^3 + 1^9 + 2^0 + 5^3 + 7^2 = 13 + 19 + 20 + 53 + 72 & & := 2^0 + 2^4 + 2^5 + 2^6 + 8^2 = 20 + 24 + 25 + 26 + 82 \\ &:= 1^4 + 1^8 + 2^0 + 5^3 + 7^2 = 14 + 18 + 20 + 53 + 72 & & := 2^4 + 2^4 + 2^7 + 4^2 + 6^0 = 24 + 24 + 27 + 42 + 60 \\ &:= 1^4 + 1^9 + 1^9 + 5^3 + 7^2 = 14 + 19 + 19 + 53 + 72 \\ &:= 1^5 + 1^7 + 2^0 + 5^3 + 7^2 = 15 + 17 + 20 + 53 + 72 \end{aligned}$$

2.2.79 Number 178

$$\begin{aligned} 178 &:= 1^1 + 2^0 + 2^5 + 12^2 = 11 + 20 + 25 + 122 & & := 3^3 + 4^0 + 5^2 + 5^3 = 33 + 40 + 52 + 53 \\ &:= 1^2 + 1^9 + 2^5 + 12^2 = 12 + 19 + 25 + 122 & & := 1^1 + 2^5 + 2^5 + 2^5 + 9^2 = 11 + 25 + 25 + 25 + 92 \\ &:= 1^3 + 1^8 + 2^5 + 12^2 = 13 + 18 + 25 + 122 & & := 1^2 + 2^0 + 2^1 + 5^3 + 7^2 = 12 + 20 + 21 + 53 + 72 \\ &:= 1^4 + 1^7 + 2^5 + 12^2 = 14 + 17 + 25 + 122 & & := 1^2 + 2^3 + 2^5 + 2^7 + 9^1 = 12 + 23 + 25 + 27 + 91 \\ &:= 1^5 + 1^6 + 2^5 + 12^2 = 15 + 16 + 25 + 122 & & := 1^2 + 2^4 + 2^4 + 2^6 + 9^2 = 12 + 24 + 24 + 26 + 92 \\ &:= 1^8 + 2^5 + 4^3 + 9^2 = 18 + 25 + 43 + 92 & & := 1^2 + 2^4 + 2^5 + 2^7 + 9^0 = 12 + 24 + 25 + 27 + 90 \\ &:= 2^0 + 4^3 + 4^3 + 7^2 = 20 + 43 + 43 + 72 & & := 1^3 + 1^9 + 2^1 + 5^3 + 7^2 = 13 + 19 + 21 + 53 + 72 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 2^5 + 2^5 + 4^3 + 7^2 = 13 + 25 + 25 + 43 + 72 \\
 &:= 1^3 + 2^5 + 2^7 + 3^2 + 8^1 = 13 + 25 + 27 + 32 + 81 \\
 &:= 1^4 + 1^8 + 2^1 + 5^3 + 7^2 = 14 + 18 + 21 + 53 + 72 \\
 &:= 1^4 + 2^4 + 2^4 + 3^4 + 8^2 = 14 + 24 + 24 + 34 + 82 \\
 &:= 1^4 + 2^5 + 2^7 + 4^2 + 7^0 = 14 + 25 + 27 + 42 + 70 \\
 &:= 1^5 + 1^7 + 2^1 + 5^3 + 7^2 = 15 + 17 + 21 + 53 + 72 \\
 &:= 1^5 + 2^3 + 2^7 + 5^1 + 6^2 = 15 + 23 + 27 + 51 + 62 \\
 &:= 1^5 + 2^7 + 3^3 + 4^2 + 6^1 = 15 + 27 + 33 + 42 + 61 \\
 &:= 1^6 + 1^6 + 2^1 + 5^3 + 7^2 = 16 + 16 + 21 + 53 + 72 \\
 &:= 1^6 + 2^3 + 3^4 + 3^4 + 7^1 = 16 + 23 + 34 + 34 + 71 \\
 &:= 1^6 + 2^7 + 3^2 + 4^1 + 6^2 = 16 + 27 + 32 + 41 + 62 \\
 &:= 1^7 + 2^3 + 2^3 + 5^3 + 6^2 = 17 + 23 + 23 + 53 + 62
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^5 + 4^1 + 4^2 + 5^3 = 17 + 25 + 41 + 42 + 53 \\
 &:= 1^7 + 3^2 + 3^4 + 3^4 + 6^1 = 17 + 32 + 34 + 34 + 61 \\
 &:= 1^7 + 3^3 + 3^4 + 4^3 + 5^1 = 17 + 33 + 34 + 43 + 51 \\
 &:= 1^7 + 3^4 + 4^2 + 4^2 + 4^3 = 17 + 34 + 42 + 42 + 43 \\
 &:= 1^8 + 3^2 + 3^3 + 4^2 + 5^3 = 18 + 32 + 33 + 42 + 53 \\
 &:= 2^1 + 2^4 + 2^5 + 2^6 + 8^2 = 21 + 24 + 25 + 26 + 82 \\
 &:= 2^4 + 2^4 + 2^4 + 3^4 + 7^2 = 24 + 24 + 24 + 34 + 72 \\
 &:= 2^4 + 2^4 + 2^6 + 3^4 + 7^0 = 24 + 24 + 26 + 34 + 70 \\
 &:= 2^5 + 2^5 + 2^6 + 3^0 + 7^2 = 25 + 25 + 26 + 30 + 72 \\
 &:= 2^5 + 2^5 + 3^3 + 3^4 + 6^1 = 25 + 25 + 33 + 34 + 61 \\
 &:= 2^6 + 2^6 + 3^2 + 4^2 + 5^2 = 26 + 26 + 32 + 42 + 52
 \end{aligned}$$

2.2.80 Number 179

$$\begin{aligned}
 179 &:= 1^5 + 3^2 + 13^2 = 15 + 32 + 132 \\
 &:= 1^0 + 1^4 + 2^3 + 13^2 = 10 + 14 + 23 + 132 \\
 &:= 1^0 + 2^7 + 7^0 + 7^2 = 10 + 27 + 70 + 72 \\
 &:= 1^1 + 1^3 + 2^3 + 13^2 = 11 + 13 + 23 + 132 \\
 &:= 1^1 + 2^1 + 2^5 + 12^2 = 11 + 21 + 25 + 122 \\
 &:= 1^1 + 3^4 + 4^2 + 9^2 = 11 + 34 + 42 + 92 \\
 &:= 1^2 + 1^2 + 2^3 + 13^2 = 12 + 12 + 23 + 132 \\
 &:= 1^3 + 4^1 + 5^3 + 7^2 = 13 + 41 + 53 + 72 \\
 &:= 2^0 + 2^7 + 6^0 + 7^2 = 20 + 27 + 60 + 72 \\
 &:= 2^1 + 4^3 + 4^3 + 7^2 = 21 + 43 + 43 + 72 \\
 &:= 2^2 + 5^2 + 5^2 + 5^3 = 22 + 52 + 52 + 53 \\
 &:= 2^7 + 3^0 + 5^0 + 7^2 = 27 + 30 + 50 + 72 \\
 &:= 2^7 + 4^0 + 4^0 + 7^2 = 27 + 40 + 40 + 72 \\
 &:= 3^2 + 3^2 + 5^3 + 6^2 = 32 + 32 + 53 + 62 \\
 &:= 1^0 + 1^0 + 1^2 + 2^5 + 12^2 = 10 + 10 + 12 + 25 + 122 \\
 &:= 1^0 + 1^1 + 1^1 + 2^5 + 12^2 = 10 + 11 + 11 + 25 + 122 \\
 &:= 1^0 + 1^1 + 4^3 + 4^3 + 7^2 = 10 + 11 + 43 + 43 + 72 \\
 &:= 1^0 + 1^2 + 4^2 + 5^3 + 6^2 = 10 + 12 + 42 + 53 + 62
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^3 + 3^1 + 5^3 + 7^2 = 10 + 13 + 31 + 53 + 72 \\
 &:= 1^0 + 2^4 + 3^0 + 5^3 + 6^2 = 10 + 24 + 30 + 53 + 62 \\
 &:= 1^1 + 1^1 + 4^2 + 5^3 + 6^2 = 11 + 11 + 42 + 53 + 62 \\
 &:= 1^1 + 1^2 + 3^1 + 5^3 + 7^2 = 11 + 12 + 31 + 53 + 72 \\
 &:= 1^1 + 3^0 + 3^3 + 5^2 + 5^3 = 11 + 30 + 33 + 52 + 53 \\
 &:= 1^2 + 2^1 + 2^1 + 5^3 + 7^2 = 12 + 21 + 21 + 53 + 72 \\
 &:= 1^4 + 2^5 + 2^6 + 3^4 + 8^0 = 14 + 25 + 26 + 34 + 80 \\
 &:= 1^5 + 2^6 + 2^6 + 4^0 + 7^2 = 15 + 26 + 26 + 40 + 72 \\
 &:= 1^6 + 2^0 + 2^5 + 2^6 + 9^2 = 16 + 20 + 25 + 26 + 92 \\
 &:= 1^7 + 1^9 + 2^5 + 2^6 + 9^2 = 17 + 19 + 25 + 26 + 92 \\
 &:= 1^7 + 2^5 + 3^4 + 4^3 + 6^0 = 17 + 25 + 34 + 43 + 60 \\
 &:= 1^8 + 1^8 + 2^5 + 2^6 + 9^2 = 18 + 18 + 25 + 26 + 92 \\
 &:= 1^8 + 2^0 + 2^5 + 3^4 + 8^2 = 18 + 20 + 25 + 34 + 82 \\
 &:= 1^8 + 2^0 + 2^6 + 4^3 + 7^2 = 18 + 20 + 26 + 43 + 72 \\
 &:= 1^9 + 1^9 + 2^5 + 3^4 + 8^2 = 19 + 19 + 25 + 34 + 82 \\
 &:= 1^9 + 1^9 + 2^6 + 4^3 + 7^2 = 19 + 19 + 26 + 43 + 72 \\
 &:= 2^0 + 2^0 + 2^4 + 5^3 + 6^2 = 20 + 20 + 24 + 53 + 62
 \end{aligned}$$

2.2.81 Number 180

$$\begin{aligned}
 180 &:= 2^1 + 2^7 + 6^0 + 7^2 = 21 + 27 + 60 + 72 \\
 &:= 1^0 + 1^1 + 2^7 + 6^0 + 7^2 = 10 + 11 + 27 + 60 + 72 \\
 &:= 1^0 + 2^0 + 2^4 + 3^4 + 9^2 = 10 + 20 + 24 + 34 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 3^4 + 3^4 + 4^2 + 6^0 = 10 + 34 + 34 + 42 + 60 \\
 &:= 1^1 + 1^9 + 2^4 + 3^4 + 9^2 = 11 + 19 + 24 + 34 + 92 \\
 &:= 1^1 + 2^0 + 2^7 + 5^0 + 7^2 = 11 + 20 + 27 + 50 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^7 + 3^0 + 4^0 + 7^2 = 11 + 27 + 30 + 40 + 72 \\
 &:= 1^2 + 1^8 + 2^4 + 3^4 + 9^2 = 12 + 18 + 24 + 34 + 92 \\
 &:= 1^2 + 1^9 + 2^7 + 5^0 + 7^2 = 12 + 19 + 27 + 50 + 72 \\
 &:= 1^3 + 1^7 + 2^4 + 3^4 + 9^2 = 13 + 17 + 24 + 34 + 92 \\
 &:= 1^3 + 1^8 + 2^7 + 5^0 + 7^2 = 13 + 18 + 27 + 50 + 72 \\
 &:= 1^3 + 2^0 + 2^2 + 5^3 + 7^2 = 13 + 20 + 22 + 53 + 72 \\
 &:= 1^4 + 1^6 + 2^4 + 3^4 + 9^2 = 14 + 16 + 24 + 34 + 92 \\
 &:= 1^4 + 1^7 + 2^7 + 5^0 + 7^2 = 14 + 17 + 27 + 50 + 72 \\
 &:= 1^4 + 1^9 + 2^2 + 5^3 + 7^2 = 14 + 19 + 22 + 53 + 72 \\
 &:= 1^5 + 1^5 + 2^4 + 3^4 + 9^2 = 15 + 15 + 24 + 34 + 92 \\
 &:= 1^5 + 1^6 + 2^7 + 5^0 + 7^2 = 15 + 16 + 27 + 50 + 72 \\
 &:= 1^5 + 1^8 + 2^2 + 5^3 + 7^2 = 15 + 18 + 22 + 53 + 72 \\
 &:= 1^5 + 2^4 + 2^7 + 3^3 + 8^1 = 15 + 24 + 27 + 33 + 81 \\
 &:= 1^6 + 1^7 + 2^2 + 5^3 + 7^2 = 16 + 17 + 22 + 53 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^1 + 2^5 + 2^6 + 9^2 = 16 + 21 + 25 + 26 + 92 \\
 &:= 1^6 + 2^6 + 3^3 + 3^4 + 7^1 = 16 + 26 + 33 + 34 + 71 \\
 &:= 1^7 + 2^4 + 2^5 + 5^3 + 6^1 = 17 + 24 + 25 + 53 + 61 \\
 &:= 1^8 + 2^1 + 2^5 + 3^4 + 8^2 = 18 + 21 + 25 + 34 + 82 \\
 &:= 1^8 + 2^1 + 2^6 + 4^3 + 7^2 = 18 + 21 + 26 + 43 + 72 \\
 &:= 1^8 + 2^4 + 3^4 + 3^4 + 7^0 = 18 + 24 + 34 + 34 + 70 \\
 &:= 1^9 + 2^7 + 3^0 + 5^2 + 5^2 = 19 + 27 + 30 + 52 + 52 \\
 &:= 1^9 + 3^2 + 3^4 + 4^3 + 5^2 = 19 + 32 + 34 + 43 + 52 \\
 &:= 2^0 + 2^1 + 2^4 + 5^3 + 6^2 = 20 + 21 + 24 + 53 + 62 \\
 &:= 2^0 + 3^4 + 3^4 + 4^2 + 5^0 = 20 + 34 + 34 + 42 + 50 \\
 &:= 2^5 + 2^5 + 2^6 + 4^2 + 6^2 = 25 + 25 + 26 + 42 + 62 \\
 &:= 3^0 + 3^4 + 3^4 + 4^0 + 4^2 = 30 + 34 + 34 + 40 + 42
 \end{aligned}$$

2.2.82 Number 181

$$\begin{aligned}
 181 &:= 1^1 + 2^5 + 3^3 + 11^2 = 11 + 25 + 33 + 112 \\
 &:= 1^1 + 2^6 + 4^2 + 10^2 = 11 + 26 + 42 + 102 \\
 &:= 1^2 + 2^2 + 2^5 + 12^2 = 12 + 22 + 25 + 122 \\
 &:= 1^2 + 2^4 + 4^3 + 10^2 = 12 + 24 + 43 + 102 \\
 &:= 2^4 + 3^1 + 3^4 + 9^2 = 24 + 31 + 34 + 92 \\
 &:= 2^7 + 4^2 + 5^0 + 6^2 = 27 + 42 + 50 + 62 \\
 &:= 3^2 + 3^3 + 3^4 + 8^2 = 32 + 33 + 34 + 82 \\
 &:= 1^0 + 2^1 + 2^4 + 3^4 + 9^2 = 10 + 21 + 24 + 34 + 92 \\
 &:= 1^0 + 3^3 + 4^3 + 4^3 + 5^2 = 10 + 33 + 43 + 43 + 52
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^1 + 2^7 + 5^0 + 7^2 = 11 + 21 + 27 + 50 + 72 \\
 &:= 1^1 + 2^4 + 3^1 + 5^3 + 6^2 = 11 + 24 + 31 + 53 + 62 \\
 &:= 1^2 + 3^1 + 3^3 + 5^2 + 5^3 = 12 + 31 + 33 + 52 + 53 \\
 &:= 1^2 + 3^3 + 3^3 + 5^0 + 5^3 = 12 + 33 + 33 + 50 + 53 \\
 &:= 1^3 + 2^1 + 2^2 + 5^3 + 7^2 = 13 + 21 + 22 + 53 + 72 \\
 &:= 2^1 + 2^1 + 2^4 + 5^3 + 6^2 = 21 + 21 + 24 + 53 + 62 \\
 &:= 2^1 + 3^4 + 3^4 + 4^2 + 5^0 = 21 + 34 + 34 + 42 + 50
 \end{aligned}$$

2.2.83 Number 182

$$\begin{aligned}
 182 &:= 2^6 + 3^4 + 6^0 + 6^2 = 26 + 34 + 60 + 62 \\
 &:= 1^0 + 2^0 + 2^4 + 2^6 + 10^2 = 10 + 20 + 24 + 26 + 102 \\
 &:= 1^0 + 2^7 + 3^3 + 5^2 + 6^0 = 10 + 27 + 33 + 52 + 60 \\
 &:= 1^1 + 1^9 + 2^4 + 2^6 + 10^2 = 11 + 19 + 24 + 26 + 102 \\
 &:= 1^1 + 2^7 + 4^0 + 4^2 + 6^2 = 11 + 27 + 40 + 42 + 62 \\
 &:= 1^2 + 1^8 + 2^4 + 2^6 + 10^2 = 12 + 18 + 24 + 26 + 102 \\
 &:= 1^2 + 2^7 + 3^1 + 4^0 + 7^2 = 12 + 27 + 31 + 40 + 72 \\
 &:= 1^3 + 1^7 + 2^4 + 2^6 + 10^2 = 13 + 17 + 24 + 26 + 102 \\
 &:= 1^4 + 1^6 + 2^4 + 2^6 + 10^2 = 14 + 16 + 24 + 26 + 102 \\
 &:= 1^5 + 1^5 + 2^4 + 2^6 + 10^2 = 15 + 15 + 24 + 26 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^2 + 2^5 + 2^6 + 9^2 = 17 + 22 + 25 + 26 + 92 \\
 &:= 1^7 + 2^6 + 2^6 + 4^1 + 7^2 = 17 + 26 + 26 + 41 + 72 \\
 &:= 1^9 + 2^2 + 2^5 + 3^4 + 8^2 = 19 + 22 + 25 + 34 + 82 \\
 &:= 1^9 + 2^2 + 2^6 + 4^3 + 7^2 = 19 + 22 + 26 + 43 + 72 \\
 &:= 1^9 + 2^4 + 2^7 + 5^0 + 6^2 = 19 + 24 + 27 + 50 + 62 \\
 &:= 2^0 + 2^7 + 3^1 + 5^2 + 5^2 = 20 + 27 + 31 + 52 + 52 \\
 &:= 2^0 + 2^7 + 3^3 + 5^0 + 5^2 = 20 + 27 + 33 + 50 + 52 \\
 &:= 2^7 + 3^0 + 3^3 + 4^0 + 5^2 = 27 + 30 + 33 + 40 + 52 \\
 &:= 3^2 + 3^3 + 3^4 + 4^0 + 4^3 = 32 + 33 + 34 + 40 + 43
 \end{aligned}$$

2.2.84 Number 183

$$\begin{aligned}
 183 &:= 1^7 + 3^0 + 3^4 + 10^2 = 17 + 30 + 34 + 102 & := 1^4 + 3^0 + 3^4 + 4^3 + 6^2 = 14 + 30 + 34 + 43 + 62 \\
 &:= 2^4 + 2^6 + 3^1 + 10^2 = 24 + 26 + 31 + 102 & := 2^1 + 2^7 + 3^1 + 5^2 + 5^2 = 21 + 27 + 31 + 52 + 52 \\
 &:= 2^7 + 3^3 + 3^3 + 9^0 = 27 + 33 + 33 + 90 & := 2^1 + 2^7 + 3^3 + 5^0 + 5^2 = 21 + 27 + 33 + 50 + 52 \\
 &:= 1^0 + 2^1 + 2^4 + 2^6 + 10^2 = 10 + 21 + 24 + 26 + 102 & := 2^2 + 2^7 + 3^0 + 5^2 + 5^2 = 22 + 27 + 30 + 52 + 52 \\
 &:= 1^1 + 2^2 + 2^4 + 3^4 + 9^2 = 11 + 22 + 24 + 34 + 92 & := 2^2 + 3^2 + 3^4 + 4^3 + 5^2 = 22 + 32 + 34 + 43 + 52 \\
 &:= 1^1 + 2^6 + 3^4 + 5^0 + 6^2 = 11 + 26 + 34 + 50 + 62 & := 2^4 + 2^4 + 3^0 + 5^2 + 5^3 = 24 + 24 + 30 + 52 + 53 \\
 &:= 1^1 + 2^7 + 4^1 + 5^2 + 5^2 = 11 + 27 + 41 + 52 + 52 & := 2^4 + 3^4 + 3^4 + 4^1 + 5^0 = 24 + 34 + 34 + 41 + 50 \\
 &:= 1^2 + 2^2 + 2^7 + 5^0 + 7^2 = 12 + 22 + 27 + 50 + 72 & := 2^5 + 3^0 + 3^4 + 4^3 + 5^1 = 25 + 30 + 34 + 43 + 51 \\
 &:= 1^2 + 2^4 + 4^2 + 5^2 + 5^3 = 12 + 24 + 42 + 52 + 53 & := 2^7 + 3^0 + 3^2 + 3^2 + 6^2 = 27 + 30 + 32 + 32 + 62 \\
 &:= 1^3 + 2^7 + 3^0 + 4^1 + 7^2 = 13 + 27 + 30 + 41 + 72 \\
 &:= 1^4 + 2^2 + 2^2 + 5^3 + 7^2 = 14 + 22 + 22 + 53 + 72
 \end{aligned}$$

2.2.85 Number 184

$$\begin{aligned}
 184 &:= 1^0 + 1^8 + 2^0 + 3^4 + 10^2 = 10 + 18 + 20 + 34 + 102 & := 1^4 + 2^0 + 2^7 + 5^1 + 7^2 = 14 + 20 + 27 + 51 + 72 \\
 &:= 1^0 + 1^9 + 1^9 + 3^4 + 10^2 = 10 + 19 + 19 + 34 + 102 & := 1^4 + 2^5 + 4^0 + 5^2 + 5^3 = 14 + 25 + 40 + 52 + 53 \\
 &:= 1^1 + 1^7 + 2^0 + 3^4 + 10^2 = 11 + 17 + 20 + 34 + 102 & := 1^5 + 1^5 + 1^8 + 3^4 + 10^2 = 15 + 15 + 18 + 34 + 102 \\
 &:= 1^1 + 1^8 + 1^9 + 3^4 + 10^2 = 11 + 18 + 19 + 34 + 102 & := 1^5 + 1^6 + 1^7 + 3^4 + 10^2 = 15 + 16 + 17 + 34 + 102 \\
 &:= 1^1 + 2^7 + 3^3 + 3^3 + 8^0 = 11 + 27 + 33 + 33 + 80 & := 1^5 + 1^9 + 2^7 + 5^1 + 7^2 = 15 + 19 + 27 + 51 + 72 \\
 &:= 1^2 + 1^6 + 2^0 + 3^4 + 10^2 = 12 + 16 + 20 + 34 + 102 & := 1^6 + 1^6 + 1^6 + 3^4 + 10^2 = 16 + 16 + 16 + 34 + 102 \\
 &:= 1^2 + 1^7 + 1^9 + 3^4 + 10^2 = 12 + 17 + 19 + 34 + 102 & := 1^6 + 1^8 + 2^7 + 5^1 + 7^2 = 16 + 18 + 27 + 51 + 72 \\
 &:= 1^2 + 1^8 + 1^8 + 3^4 + 10^2 = 12 + 18 + 18 + 34 + 102 & := 1^6 + 2^0 + 2^3 + 5^3 + 7^2 = 16 + 20 + 23 + 53 + 72 \\
 &:= 1^3 + 1^5 + 2^0 + 3^4 + 10^2 = 13 + 15 + 20 + 34 + 102 & := 1^7 + 1^7 + 2^7 + 5^1 + 7^2 = 17 + 17 + 27 + 51 + 72 \\
 &:= 1^3 + 1^6 + 1^9 + 3^4 + 10^2 = 13 + 16 + 19 + 34 + 102 & := 1^7 + 1^9 + 2^3 + 5^3 + 7^2 = 17 + 19 + 23 + 53 + 72 \\
 &:= 1^3 + 1^7 + 1^8 + 3^4 + 10^2 = 13 + 17 + 18 + 34 + 102 & := 1^8 + 1^8 + 2^3 + 5^3 + 7^2 = 18 + 18 + 23 + 53 + 72 \\
 &:= 1^4 + 1^4 + 2^0 + 3^4 + 10^2 = 14 + 14 + 20 + 34 + 102 & := 1^9 + 2^5 + 2^7 + 4^2 + 7^1 = 19 + 25 + 27 + 42 + 71 \\
 &:= 1^4 + 1^5 + 1^9 + 3^4 + 10^2 = 14 + 15 + 19 + 34 + 102 & := 2^4 + 2^7 + 3^1 + 4^0 + 6^2 = 24 + 27 + 31 + 40 + 62 \\
 &:= 1^4 + 1^6 + 1^8 + 3^4 + 10^2 = 14 + 16 + 18 + 34 + 102 \\
 &:= 1^4 + 1^7 + 1^7 + 3^4 + 10^2 = 14 + 17 + 17 + 34 + 102
 \end{aligned}$$

2.2.86 Number 185

$$\begin{aligned}
 185 &:= 1^5 + 2^3 + 2^5 + 12^2 = 15 + 23 + 25 + 122 & := 1^0 + 1^5 + 2^7 + 6^1 + 7^2 = 10 + 15 + 27 + 61 + 72 \\
 &:= 1^5 + 2^7 + 7^1 + 7^2 = 15 + 27 + 71 + 72 & := 1^0 + 1^8 + 2^1 + 3^4 + 10^2 = 10 + 18 + 21 + 34 + 102 \\
 &:= 1^8 + 3^1 + 3^4 + 10^2 = 18 + 31 + 34 + 102 & := 1^0 + 1^8 + 3^2 + 5^3 + 7^2 = 10 + 18 + 32 + 53 + 72 \\
 &:= 2^4 + 2^4 + 2^5 + 11^2 = 24 + 24 + 25 + 112 & := 1^0 + 2^5 + 2^7 + 4^2 + 8^1 = 10 + 25 + 27 + 42 + 81 \\
 &:= 2^5 + 2^6 + 5^2 + 8^2 = 25 + 26 + 52 + 82 & := 1^1 + 1^4 + 2^7 + 6^1 + 7^2 = 11 + 14 + 27 + 61 + 72 \\
 &:= 2^5 + 2^7 + 4^2 + 9^1 = 25 + 27 + 42 + 91 & := 1^1 + 1^7 + 2^1 + 3^4 + 10^2 = 11 + 17 + 21 + 34 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^7 + 3^2 + 5^3 + 7^2 = 11 + 17 + 32 + 53 + 72 \\
 &:= 1^1 + 2^2 + 2^4 + 2^6 + 10^2 = 11 + 22 + 24 + 26 + 102 \\
 &:= 1^2 + 1^3 + 2^7 + 6^1 + 7^2 = 12 + 13 + 27 + 61 + 72 \\
 &:= 1^2 + 1^6 + 2^1 + 3^4 + 10^2 = 12 + 16 + 21 + 34 + 102 \\
 &:= 1^2 + 1^6 + 3^2 + 5^3 + 7^2 = 12 + 16 + 32 + 53 + 72 \\
 &:= 1^2 + 2^5 + 3^4 + 4^3 + 7^1 = 12 + 25 + 34 + 43 + 71 \\
 &:= 1^3 + 1^5 + 2^1 + 3^4 + 10^2 = 13 + 15 + 21 + 34 + 102 \\
 &:= 1^3 + 1^5 + 3^2 + 5^3 + 7^2 = 13 + 15 + 32 + 53 + 72 \\
 &:= 1^3 + 2^7 + 4^1 + 4^2 + 6^2 = 13 + 27 + 41 + 42 + 62 \\
 &:= 1^3 + 3^3 + 3^3 + 3^4 + 7^2 = 13 + 33 + 33 + 34 + 72 \\
 &:= 1^4 + 1^4 + 2^1 + 3^4 + 10^2 = 14 + 14 + 21 + 34 + 102 \\
 &:= 1^4 + 1^4 + 3^2 + 5^3 + 7^2 = 14 + 14 + 32 + 53 + 72 \\
 &:= 1^4 + 2^1 + 2^7 + 5^1 + 7^2 = 14 + 21 + 27 + 51 + 72 \\
 &:= 1^4 + 2^7 + 3^1 + 4^1 + 7^2 = 14 + 27 + 31 + 41 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 3^4 + 3^4 + 4^2 + 6^1 = 14 + 34 + 34 + 42 + 61 \\
 &:= 1^5 + 3^1 + 3^4 + 4^3 + 6^2 = 15 + 31 + 34 + 43 + 62 \\
 &:= 1^5 + 3^3 + 3^3 + 5^1 + 5^3 = 15 + 33 + 33 + 51 + 53 \\
 &:= 1^5 + 3^3 + 4^2 + 4^2 + 5^3 = 15 + 33 + 42 + 42 + 53 \\
 &:= 1^6 + 2^1 + 2^3 + 5^3 + 7^2 = 16 + 21 + 23 + 53 + 72 \\
 &:= 2^2 + 2^2 + 2^5 + 3^4 + 8^2 = 22 + 22 + 25 + 34 + 82 \\
 &:= 2^2 + 2^2 + 2^6 + 4^3 + 7^2 = 22 + 22 + 26 + 43 + 72 \\
 &:= 2^2 + 2^4 + 2^7 + 5^0 + 6^2 = 22 + 24 + 27 + 50 + 62 \\
 &:= 2^3 + 2^3 + 3^4 + 3^4 + 7^1 = 23 + 23 + 34 + 34 + 71 \\
 &:= 2^3 + 2^7 + 3^2 + 4^1 + 6^2 = 23 + 27 + 32 + 41 + 62 \\
 &:= 2^5 + 3^2 + 4^2 + 4^3 + 4^3 = 25 + 32 + 42 + 43 + 43 \\
 &:= 2^7 + 3^2 + 3^3 + 4^2 + 5^1 = 27 + 32 + 33 + 42 + 51 \\
 &:= 2^7 + 3^2 + 4^2 + 4^2 + 4^2 = 27 + 32 + 42 + 42 + 42
 \end{aligned}$$

2.2.87 Number 186

$$\begin{aligned}
 186 &:= 1^2 + 4^2 + 13^2 = 12 + 42 + 132 \\
 &:= 2^4 + 3^0 + 13^2 = 24 + 30 + 132 \\
 &:= 1^5 + 2^5 + 3^3 + 5^3 + 6^0 = 15 + 25 + 33 + 53 + 60 \\
 &:= 1^9 + 2^4 + 2^5 + 2^7 + 9^1 = 19 + 24 + 25 + 27 + 91 \\
 &:= 2^0 + 2^3 + 2^5 + 2^6 + 9^2 = 20 + 23 + 25 + 26 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^5 + 2^6 + 3^4 + 8^1 = 20 + 25 + 26 + 34 + 81 \\
 &:= 2^5 + 2^6 + 4^0 + 4^3 + 5^2 = 25 + 26 + 40 + 43 + 52 \\
 &:= 2^5 + 2^7 + 3^2 + 4^2 + 6^0 = 25 + 27 + 32 + 42 + 60
 \end{aligned}$$

2.2.88 Number 187

$$\begin{aligned}
 187 &:= 1^1 + 2^0 + 2^4 + 13^2 = 11 + 20 + 24 + 132 \\
 &:= 1^2 + 1^9 + 2^4 + 13^2 = 12 + 19 + 24 + 132 \\
 &:= 1^2 + 2^0 + 4^3 + 11^2 = 12 + 20 + 43 + 112 \\
 &:= 1^3 + 1^8 + 2^4 + 13^2 = 13 + 18 + 24 + 132 \\
 &:= 1^3 + 1^9 + 4^3 + 11^2 = 13 + 19 + 43 + 112 \\
 &:= 1^4 + 1^7 + 2^4 + 13^2 = 14 + 17 + 24 + 132 \\
 &:= 1^4 + 1^8 + 4^3 + 11^2 = 14 + 18 + 43 + 112 \\
 &:= 1^5 + 1^6 + 2^4 + 13^2 = 15 + 16 + 24 + 132 \\
 &:= 1^5 + 1^7 + 4^3 + 11^2 = 15 + 17 + 43 + 112 \\
 &:= 1^6 + 1^6 + 4^3 + 11^2 = 16 + 16 + 43 + 112 \\
 &:= 1^9 + 2^6 + 3^0 + 11^2 = 19 + 26 + 30 + 112 \\
 &:= 2^0 + 5^2 + 5^3 + 6^2 = 20 + 52 + 53 + 62 \\
 &:= 2^4 + 2^5 + 2^7 + 11^1 = 24 + 25 + 27 + 111 \\
 &:= 1^0 + 1^5 + 2^5 + 2^5 + 11^2 = 10 + 15 + 25 + 25 + 112
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^9 + 2^2 + 3^4 + 10^2 = 10 + 19 + 22 + 34 + 102 \\
 &:= 1^0 + 2^4 + 2^5 + 2^7 + 10^1 = 10 + 24 + 25 + 27 + 101 \\
 &:= 1^1 + 1^4 + 2^5 + 2^5 + 11^2 = 11 + 14 + 25 + 25 + 112 \\
 &:= 1^1 + 1^8 + 2^2 + 3^4 + 10^2 = 11 + 18 + 22 + 34 + 102 \\
 &:= 1^1 + 2^5 + 2^6 + 3^4 + 9^1 = 11 + 25 + 26 + 34 + 91 \\
 &:= 1^2 + 1^3 + 2^5 + 2^5 + 11^2 = 12 + 13 + 25 + 25 + 112 \\
 &:= 1^2 + 1^7 + 2^2 + 3^4 + 10^2 = 12 + 17 + 22 + 34 + 102 \\
 &:= 1^2 + 2^5 + 2^6 + 3^2 + 9^2 = 12 + 25 + 26 + 32 + 92 \\
 &:= 1^3 + 1^6 + 2^2 + 3^4 + 10^2 = 13 + 16 + 22 + 34 + 102 \\
 &:= 1^3 + 2^4 + 2^7 + 6^1 + 6^2 = 13 + 24 + 27 + 61 + 62 \\
 &:= 1^3 + 2^5 + 2^7 + 5^2 + 7^0 = 13 + 25 + 27 + 52 + 70 \\
 &:= 1^4 + 1^5 + 2^2 + 3^4 + 10^2 = 14 + 15 + 22 + 34 + 102 \\
 &:= 1^4 + 2^3 + 2^4 + 3^4 + 9^2 = 14 + 23 + 24 + 34 + 92 \\
 &:= 1^4 + 2^4 + 3^4 + 3^4 + 8^1 = 14 + 24 + 34 + 34 + 81
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^5 + 3^2 + 3^4 + 8^2 = 14 + 25 + 32 + 34 + 82 \\ &:= 1^4 + 2^6 + 3^2 + 4^3 + 7^2 = 14 + 26 + 32 + 43 + 72 \\ &:= 1^4 + 2^6 + 3^4 + 5^1 + 6^2 = 14 + 26 + 34 + 51 + 62 \\ &:= 1^4 + 2^7 + 3^3 + 5^2 + 6^1 = 14 + 27 + 33 + 52 + 61 \\ &:= 1^5 + 2^2 + 2^7 + 5^1 + 7^2 = 15 + 22 + 27 + 51 + 72 \\ &:= 1^5 + 2^3 + 2^7 + 5^0 + 7^2 = 15 + 23 + 27 + 50 + 72 \\ &:= 1^6 + 2^4 + 3^2 + 5^3 + 6^2 = 16 + 24 + 32 + 53 + 62 \\ &:= 1^6 + 2^5 + 4^1 + 5^2 + 5^3 = 16 + 25 + 41 + 52 + 53 \\ &:= 1^6 + 3^4 + 4^2 + 4^3 + 5^2 = 16 + 34 + 42 + 43 + 52 \\ &:= 1^7 + 2^2 + 2^3 + 5^3 + 7^2 = 17 + 22 + 23 + 53 + 72 \\ &:= 1^7 + 3^2 + 3^3 + 5^2 + 5^3 = 17 + 32 + 33 + 52 + 53 \end{aligned}$$

$$\begin{aligned} &:= 2^1 + 2^3 + 2^5 + 2^6 + 9^2 = 21 + 23 + 25 + 26 + 92 \\ &:= 2^1 + 2^5 + 2^6 + 3^4 + 8^1 = 21 + 25 + 26 + 34 + 81 \\ &:= 2^2 + 2^5 + 2^7 + 4^2 + 7^1 = 22 + 25 + 27 + 42 + 71 \\ &:= 2^3 + 2^6 + 3^3 + 3^4 + 7^1 = 23 + 26 + 33 + 34 + 71 \\ &:= 2^4 + 2^5 + 3^2 + 3^4 + 7^2 = 24 + 25 + 32 + 34 + 72 \\ &:= 2^4 + 2^7 + 3^2 + 3^3 + 7^1 = 24 + 27 + 32 + 33 + 71 \\ &:= 2^5 + 2^6 + 3^1 + 3^4 + 7^1 = 25 + 26 + 31 + 34 + 71 \\ &:= 2^5 + 2^6 + 3^2 + 3^4 + 7^0 = 25 + 26 + 32 + 34 + 70 \\ &:= 2^5 + 2^6 + 3^4 + 4^1 + 6^1 = 25 + 26 + 34 + 41 + 61 \\ &:= 2^5 + 2^6 + 3^4 + 5^1 + 5^1 = 25 + 26 + 34 + 51 + 51 \end{aligned}$$

2.2.89 Number 188

$$\begin{aligned} 188 &:= 1^0 + 3^4 + 5^2 + 9^2 = 10 + 34 + 52 + 92 \\ &:= 1^1 + 2^1 + 2^4 + 13^2 = 11 + 21 + 24 + 132 \\ &:= 1^2 + 2^1 + 4^3 + 11^2 = 12 + 21 + 43 + 112 \\ &:= 2^1 + 5^2 + 5^3 + 6^2 = 21 + 52 + 53 + 62 \\ &:= 1^0 + 1^0 + 1^2 + 2^4 + 13^2 = 10 + 10 + 12 + 24 + 132 \\ &:= 1^0 + 1^0 + 1^3 + 4^3 + 11^2 = 10 + 10 + 13 + 43 + 112 \\ &:= 1^0 + 1^0 + 2^6 + 3^0 + 11^2 = 10 + 10 + 26 + 30 + 112 \\ &:= 1^0 + 1^1 + 1^1 + 2^4 + 13^2 = 10 + 11 + 11 + 24 + 132 \\ &:= 1^0 + 1^1 + 1^2 + 4^3 + 11^2 = 10 + 11 + 12 + 43 + 112 \\ &:= 1^0 + 1^1 + 5^2 + 5^3 + 6^2 = 10 + 11 + 52 + 53 + 62 \\ &:= 1^0 + 2^0 + 2^0 + 2^6 + 11^2 = 10 + 20 + 20 + 26 + 112 \\ &:= 1^1 + 1^1 + 1^1 + 4^3 + 11^2 = 11 + 11 + 11 + 43 + 112 \\ &:= 1^1 + 1^9 + 2^0 + 2^6 + 11^2 = 11 + 19 + 20 + 26 + 112 \\ &:= 1^2 + 1^8 + 2^0 + 2^6 + 11^2 = 12 + 18 + 20 + 26 + 112 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^9 + 1^9 + 2^6 + 11^2 = 12 + 19 + 19 + 26 + 112 \\ &:= 1^3 + 1^7 + 2^0 + 2^6 + 11^2 = 13 + 17 + 20 + 26 + 112 \\ &:= 1^3 + 1^8 + 1^9 + 2^6 + 11^2 = 13 + 18 + 19 + 26 + 112 \\ &:= 1^4 + 1^6 + 2^0 + 2^6 + 11^2 = 14 + 16 + 20 + 26 + 112 \\ &:= 1^4 + 1^7 + 1^9 + 2^6 + 11^2 = 14 + 17 + 19 + 26 + 112 \\ &:= 1^4 + 1^8 + 1^8 + 2^6 + 11^2 = 14 + 18 + 18 + 26 + 112 \\ &:= 1^5 + 1^5 + 2^0 + 2^6 + 11^2 = 15 + 15 + 20 + 26 + 112 \\ &:= 1^5 + 1^6 + 1^9 + 2^6 + 11^2 = 15 + 16 + 19 + 26 + 112 \\ &:= 1^5 + 1^7 + 1^8 + 2^6 + 11^2 = 15 + 17 + 18 + 26 + 112 \\ &:= 1^6 + 1^6 + 1^8 + 2^6 + 11^2 = 16 + 16 + 18 + 26 + 112 \\ &:= 1^6 + 1^7 + 1^7 + 2^6 + 11^2 = 16 + 17 + 17 + 26 + 112 \\ &:= 1^7 + 2^7 + 3^2 + 4^0 + 7^2 = 17 + 27 + 32 + 40 + 72 \\ &:= 2^4 + 2^4 + 2^7 + 3^3 + 8^0 = 24 + 24 + 27 + 33 + 80 \end{aligned}$$

2.2.90 Number 189

$$\begin{aligned} 189 &:= 2^0 + 2^6 + 3^1 + 11^2 = 20 + 26 + 31 + 112 \\ &:= 1^0 + 2^0 + 2^1 + 2^6 + 11^2 = 10 + 20 + 21 + 26 + 112 \\ &:= 1^1 + 1^9 + 2^1 + 2^6 + 11^2 = 11 + 19 + 21 + 26 + 112 \\ &:= 1^2 + 1^8 + 2^1 + 2^6 + 11^2 = 12 + 18 + 21 + 26 + 112 \\ &:= 1^3 + 1^7 + 2^1 + 2^6 + 11^2 = 13 + 17 + 21 + 26 + 112 \\ &:= 1^4 + 1^6 + 2^1 + 2^6 + 11^2 = 14 + 16 + 21 + 26 + 112 \\ &:= 1^4 + 2^3 + 2^4 + 2^6 + 10^2 = 14 + 23 + 24 + 26 + 102 \\ &:= 1^4 + 2^4 + 2^6 + 3^3 + 9^2 = 14 + 24 + 26 + 33 + 92 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^5 + 2^7 + 3^3 + 9^0 = 14 + 25 + 27 + 33 + 90 \\ &:= 1^5 + 1^5 + 2^1 + 2^6 + 11^2 = 15 + 15 + 21 + 26 + 112 \\ &:= 1^6 + 2^4 + 3^3 + 3^4 + 8^2 = 16 + 24 + 33 + 34 + 82 \\ &:= 1^9 + 3^4 + 3^4 + 5^0 + 5^2 = 19 + 34 + 34 + 50 + 52 \\ &:= 2^2 + 2^4 + 2^5 + 2^7 + 9^1 = 22 + 24 + 25 + 27 + 91 \\ &:= 2^6 + 2^6 + 3^3 + 3^3 + 7^1 = 26 + 26 + 33 + 33 + 71 \end{aligned}$$

2.2.91 Number 190

$$\begin{aligned}
 190 &:= 1^0 + 2^6 + 5^2 + 10^2 = 10 + 26 + 52 + 102 \\
 &:= 1^1 + 2^6 + 4^1 + 11^2 = 11 + 26 + 41 + 112 \\
 &:= 1^2 + 2^2 + 2^4 + 13^2 = 12 + 22 + 24 + 132 \\
 &:= 1^3 + 2^2 + 4^3 + 11^2 = 13 + 22 + 43 + 112 \\
 &:= 2^1 + 2^6 + 3^1 + 11^2 = 21 + 26 + 31 + 112 \\
 &:= 2^2 + 2^6 + 3^0 + 11^2 = 22 + 26 + 30 + 112
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^1 + 2^6 + 3^1 + 11^2 = 10 + 11 + 26 + 31 + 112 \\
 &:= 1^0 + 2^1 + 2^1 + 2^6 + 11^2 = 10 + 21 + 21 + 26 + 112 \\
 &:= 1^0 + 2^2 + 2^2 + 3^4 + 10^2 = 10 + 22 + 22 + 34 + 102 \\
 &:= 1^2 + 3^0 + 3^3 + 5^3 + 6^2 = 12 + 30 + 33 + 53 + 62
 \end{aligned}$$

2.2.92 Number 191

$$\begin{aligned}
 191 &:= 1^2 + 2^6 + 5^3 + 10^0 = 12 + 26 + 53 + 100 \\
 &:= 1^5 + 4^3 + 5^3 + 8^0 = 15 + 43 + 53 + 80 \\
 &:= 1^6 + 4^0 + 5^3 + 8^2 = 16 + 40 + 53 + 82 \\
 &:= 1^0 + 2^7 + 4^0 + 5^2 + 6^2 = 10 + 27 + 40 + 52 + 62 \\
 &:= 1^0 + 3^3 + 3^4 + 3^4 + 8^0 = 10 + 33 + 34 + 34 + 80 \\
 &:= 1^1 + 2^0 + 2^2 + 2^6 + 11^2 = 11 + 20 + 22 + 26 + 112 \\
 &:= 1^2 + 1^9 + 2^2 + 2^6 + 11^2 = 12 + 19 + 22 + 26 + 112 \\
 &:= 1^2 + 2^0 + 2^3 + 3^4 + 10^2 = 12 + 20 + 23 + 34 + 102 \\
 &:= 1^2 + 2^0 + 3^3 + 3^4 + 9^2 = 12 + 20 + 33 + 34 + 92 \\
 &:= 1^3 + 1^8 + 2^2 + 2^6 + 11^2 = 13 + 18 + 22 + 26 + 112 \\
 &:= 1^3 + 1^9 + 2^3 + 3^4 + 10^2 = 13 + 19 + 23 + 34 + 102 \\
 &:= 1^3 + 1^9 + 3^3 + 3^4 + 9^2 = 13 + 19 + 33 + 34 + 92 \\
 &:= 1^4 + 1^7 + 2^2 + 2^6 + 11^2 = 14 + 17 + 22 + 26 + 112 \\
 &:= 1^4 + 1^8 + 2^3 + 3^4 + 10^2 = 14 + 18 + 23 + 34 + 102 \\
 &:= 1^4 + 1^8 + 3^3 + 3^4 + 9^2 = 14 + 18 + 33 + 34 + 92 \\
 &:= 1^5 + 1^6 + 2^2 + 2^6 + 11^2 = 15 + 16 + 22 + 26 + 112 \\
 &:= 1^5 + 1^7 + 2^3 + 3^4 + 10^2 = 15 + 17 + 23 + 34 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 1^7 + 3^3 + 3^4 + 9^2 = 15 + 17 + 33 + 34 + 92 \\
 &:= 1^6 + 1^6 + 2^3 + 3^4 + 10^2 = 16 + 16 + 23 + 34 + 102 \\
 &:= 1^6 + 1^6 + 3^3 + 3^4 + 9^2 = 16 + 16 + 33 + 34 + 92 \\
 &:= 1^7 + 2^7 + 3^3 + 3^3 + 8^1 = 17 + 27 + 33 + 33 + 81 \\
 &:= 1^8 + 2^3 + 2^7 + 5^1 + 7^2 = 18 + 23 + 27 + 51 + 72 \\
 &:= 1^8 + 2^5 + 2^5 + 5^3 + 7^0 = 18 + 25 + 25 + 53 + 70 \\
 &:= 1^9 + 2^5 + 3^3 + 5^3 + 6^1 = 19 + 25 + 33 + 53 + 61 \\
 &:= 1^9 + 2^7 + 3^2 + 4^1 + 7^2 = 19 + 27 + 32 + 41 + 72 \\
 &:= 2^0 + 2^3 + 2^3 + 5^3 + 7^2 = 20 + 23 + 23 + 53 + 72 \\
 &:= 2^0 + 2^7 + 3^0 + 5^2 + 6^2 = 20 + 27 + 30 + 52 + 62 \\
 &:= 2^0 + 3^2 + 3^4 + 4^3 + 6^2 = 20 + 32 + 34 + 43 + 62 \\
 &:= 2^0 + 3^3 + 3^4 + 3^4 + 7^0 = 20 + 33 + 34 + 34 + 70 \\
 &:= 3^0 + 3^3 + 3^4 + 3^4 + 6^0 = 30 + 33 + 34 + 34 + 60 \\
 &:= 3^1 + 3^4 + 3^4 + 4^0 + 5^2 = 31 + 34 + 34 + 40 + 52 \\
 &:= 3^3 + 3^4 + 3^4 + 4^0 + 5^0 = 33 + 34 + 34 + 40 + 50
 \end{aligned}$$

2.2.93 Number 192

$$\begin{aligned}
 192 &:= 1^4 + 3^3 + 4^3 + 10^2 = 14 + 33 + 43 + 102 \\
 &:= 2^5 + 3^3 + 5^3 + 8^1 = 25 + 33 + 53 + 81 \\
 &:= 2^7 + 3^2 + 6^1 + 7^2 = 27 + 32 + 61 + 72 \\
 &:= 2^7 + 3^3 + 6^2 + 7^0 = 27 + 33 + 62 + 70 \\
 &:= 1^0 + 1^3 + 2^6 + 5^3 + 9^0 = 10 + 13 + 26 + 53 + 90 \\
 &:= 1^0 + 1^4 + 3^2 + 3^4 + 10^2 = 10 + 14 + 32 + 34 + 102 \\
 &:= 1^0 + 1^5 + 4^2 + 5^3 + 7^2 = 10 + 15 + 42 + 53 + 72 \\
 &:= 1^0 + 1^6 + 4^3 + 5^3 + 7^0 = 10 + 16 + 43 + 53 + 70 \\
 &:= 1^0 + 1^7 + 3^0 + 5^3 + 8^2 = 10 + 17 + 30 + 53 + 82
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^5 + 3^3 + 5^3 + 7^1 = 10 + 25 + 33 + 53 + 71 \\
 &:= 1^0 + 2^7 + 3^2 + 5^1 + 7^2 = 10 + 27 + 32 + 51 + 72 \\
 &:= 1^1 + 1^2 + 2^6 + 5^3 + 9^0 = 11 + 12 + 26 + 53 + 90 \\
 &:= 1^1 + 1^3 + 3^2 + 3^4 + 10^2 = 11 + 13 + 32 + 34 + 102 \\
 &:= 1^1 + 1^4 + 4^2 + 5^3 + 7^2 = 11 + 14 + 42 + 53 + 72 \\
 &:= 1^1 + 1^5 + 4^3 + 5^3 + 7^0 = 11 + 15 + 43 + 53 + 70 \\
 &:= 1^1 + 1^6 + 3^0 + 5^3 + 8^2 = 11 + 16 + 30 + 53 + 82 \\
 &:= 1^1 + 2^1 + 2^2 + 2^6 + 11^2 = 11 + 21 + 22 + 26 + 112 \\
 &:= 1^1 + 2^4 + 5^2 + 5^2 + 5^3 = 11 + 24 + 52 + 52 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 3^3 + 4^3 + 4^3 + 6^2 = 11 + 33 + 43 + 43 + 62 \\
 &:= 1^2 + 1^2 + 3^2 + 3^4 + 10^2 = 12 + 12 + 32 + 34 + 102 \\
 &:= 1^2 + 1^3 + 4^2 + 5^3 + 7^2 = 12 + 13 + 42 + 53 + 72 \\
 &:= 1^2 + 1^4 + 4^3 + 5^3 + 7^0 = 12 + 14 + 43 + 53 + 70 \\
 &:= 1^2 + 1^5 + 3^0 + 5^3 + 8^2 = 12 + 15 + 30 + 53 + 82 \\
 &:= 1^2 + 2^1 + 2^3 + 3^4 + 10^2 = 12 + 21 + 23 + 34 + 102 \\
 &:= 1^2 + 2^1 + 3^3 + 3^4 + 9^2 = 12 + 21 + 33 + 34 + 92 \\
 &:= 1^2 + 2^3 + 3^2 + 5^3 + 7^2 = 12 + 23 + 32 + 53 + 72 \\
 &:= 1^3 + 1^3 + 4^3 + 5^3 + 7^0 = 13 + 13 + 43 + 53 + 70 \\
 &:= 1^3 + 1^4 + 3^0 + 5^3 + 8^2 = 13 + 14 + 30 + 53 + 82 \\
 &:= 1^3 + 2^0 + 2^6 + 5^3 + 8^0 = 13 + 20 + 26 + 53 + 80 \\
 &:= 1^3 + 2^4 + 3^0 + 5^3 + 7^2 = 13 + 24 + 30 + 53 + 72 \\
 &:= 1^3 + 2^6 + 3^0 + 5^3 + 7^0 = 13 + 26 + 30 + 53 + 70 \\
 &:= 1^3 + 2^6 + 4^0 + 5^3 + 6^0 = 13 + 26 + 40 + 53 + 60 \\
 &:= 1^3 + 2^6 + 5^0 + 5^0 + 5^3 = 13 + 26 + 50 + 50 + 53 \\
 &:= 1^3 + 3^1 + 3^3 + 5^3 + 6^2 = 13 + 31 + 33 + 53 + 62 \\
 &:= 1^4 + 1^9 + 2^6 + 5^3 + 8^0 = 14 + 19 + 26 + 53 + 80 \\
 &:= 1^5 + 1^8 + 2^6 + 5^3 + 8^0 = 15 + 18 + 26 + 53 + 80
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 1^7 + 2^6 + 5^3 + 8^0 = 16 + 17 + 26 + 53 + 80 \\
 &:= 1^6 + 2^0 + 4^3 + 5^3 + 6^0 = 16 + 20 + 43 + 53 + 60 \\
 &:= 1^6 + 3^0 + 4^3 + 5^0 + 5^3 = 16 + 30 + 43 + 50 + 53 \\
 &:= 1^6 + 4^0 + 4^0 + 4^3 + 5^3 = 16 + 40 + 40 + 43 + 53 \\
 &:= 1^7 + 1^9 + 4^3 + 5^3 + 6^0 = 17 + 19 + 43 + 53 + 60 \\
 &:= 1^7 + 2^0 + 2^0 + 5^3 + 8^2 = 17 + 20 + 20 + 53 + 82 \\
 &:= 1^8 + 1^8 + 4^3 + 5^3 + 6^0 = 18 + 18 + 43 + 53 + 60 \\
 &:= 1^8 + 1^9 + 2^0 + 5^3 + 8^2 = 18 + 19 + 20 + 53 + 82 \\
 &:= 1^9 + 1^9 + 1^9 + 5^3 + 8^2 = 19 + 19 + 19 + 53 + 82 \\
 &:= 2^1 + 2^3 + 2^3 + 5^3 + 7^2 = 21 + 23 + 23 + 53 + 72 \\
 &:= 2^1 + 2^7 + 3^0 + 5^2 + 6^2 = 21 + 27 + 30 + 52 + 62 \\
 &:= 2^1 + 3^2 + 3^4 + 4^3 + 6^2 = 21 + 32 + 34 + 43 + 62 \\
 &:= 2^1 + 3^3 + 3^4 + 3^4 + 7^0 = 21 + 33 + 34 + 34 + 70 \\
 &:= 2^2 + 3^4 + 3^4 + 5^0 + 5^2 = 22 + 34 + 34 + 50 + 52 \\
 &:= 2^5 + 3^0 + 3^2 + 5^2 + 5^3 = 25 + 30 + 32 + 52 + 53 \\
 &:= 3^2 + 3^3 + 3^3 + 4^1 + 5^3 = 32 + 33 + 33 + 41 + 53
 \end{aligned}$$

2.2.94 Number 193

$$\begin{aligned}
 193 &:= 2^6 + 2^7 + 14^0 = 26 + 27 + 140 \\
 &:= 1^1 + 2^7 + 3^3 + 6^0 + 6^2 = 11 + 27 + 33 + 60 + 62 \\
 &:= 1^2 + 2^0 + 2^6 + 3^3 + 10^2 = 12 + 20 + 26 + 33 + 102 \\
 &:= 1^3 + 1^9 + 2^6 + 3^3 + 10^2 = 13 + 19 + 26 + 33 + 102 \\
 &:= 1^3 + 2^1 + 2^6 + 5^3 + 8^0 = 13 + 21 + 26 + 53 + 80 \\
 &:= 1^4 + 1^8 + 2^6 + 3^3 + 10^2 = 14 + 18 + 26 + 33 + 102 \\
 &:= 1^5 + 1^7 + 2^6 + 3^3 + 10^2 = 15 + 17 + 26 + 33 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 1^6 + 2^6 + 3^3 + 10^2 = 16 + 16 + 26 + 33 + 102 \\
 &:= 1^6 + 2^1 + 4^3 + 5^3 + 6^0 = 16 + 21 + 43 + 53 + 60 \\
 &:= 1^7 + 2^0 + 2^1 + 5^3 + 8^2 = 17 + 20 + 21 + 53 + 82 \\
 &:= 1^8 + 1^9 + 2^1 + 5^3 + 8^2 = 18 + 19 + 21 + 53 + 82 \\
 &:= 1^8 + 2^5 + 2^5 + 4^3 + 8^2 = 18 + 25 + 25 + 43 + 82 \\
 &:= 1^8 + 2^5 + 2^7 + 5^2 + 7^1 = 18 + 25 + 27 + 52 + 71
 \end{aligned}$$

2.2.95 Number 194

$$\begin{aligned}
 194 &:= 1^1 + 2^6 + 2^7 + 13^0 = 11 + 26 + 27 + 130 \\
 &:= 1^4 + 2^7 + 4^3 + 11^0 = 14 + 27 + 43 + 110 \\
 &:= 1^5 + 2^3 + 2^4 + 13^2 = 15 + 23 + 24 + 132 \\
 &:= 1^5 + 2^7 + 7^0 + 8^2 = 15 + 27 + 70 + 82 \\
 &:= 1^6 + 2^3 + 4^3 + 11^2 = 16 + 23 + 43 + 112 \\
 &:= 1^8 + 4^1 + 5^3 + 8^2 = 18 + 41 + 53 + 82 \\
 &:= 2^5 + 2^5 + 3^2 + 11^2 = 25 + 25 + 32 + 112 \\
 &:= 1^0 + 1^3 + 2^4 + 2^5 + 12^2 = 10 + 13 + 24 + 25 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^6 + 4^3 + 4^3 + 8^2 = 10 + 16 + 43 + 43 + 82 \\
 &:= 1^0 + 1^8 + 3^1 + 5^3 + 8^2 = 10 + 18 + 31 + 53 + 82 \\
 &:= 1^0 + 2^4 + 2^5 + 4^3 + 9^2 = 10 + 24 + 25 + 43 + 92 \\
 &:= 1^0 + 2^6 + 2^6 + 5^0 + 8^2 = 10 + 26 + 26 + 50 + 82 \\
 &:= 1^1 + 1^2 + 2^4 + 2^5 + 12^2 = 11 + 12 + 24 + 25 + 122 \\
 &:= 1^1 + 1^5 + 4^3 + 4^3 + 8^2 = 11 + 15 + 43 + 43 + 82 \\
 &:= 1^1 + 1^7 + 3^1 + 5^3 + 8^2 = 11 + 17 + 31 + 53 + 82 \\
 &:= 1^1 + 2^5 + 3^4 + 4^2 + 8^2 = 11 + 25 + 34 + 42 + 82
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^6 + 4^2 + 4^3 + 7^2 = 11 + 26 + 42 + 43 + 72 \\
 &:= 1^2 + 1^4 + 4^3 + 4^3 + 8^2 = 12 + 14 + 43 + 43 + 82 \\
 &:= 1^2 + 1^6 + 3^1 + 5^3 + 8^2 = 12 + 16 + 31 + 53 + 82 \\
 &:= 1^2 + 2^1 + 2^6 + 3^3 + 10^2 = 12 + 21 + 26 + 33 + 102 \\
 &:= 1^2 + 2^2 + 2^2 + 2^6 + 11^2 = 12 + 22 + 22 + 26 + 112 \\
 &:= 1^2 + 2^4 + 4^3 + 4^3 + 7^2 = 12 + 24 + 43 + 43 + 72 \\
 &:= 1^2 + 2^6 + 4^3 + 4^3 + 7^0 = 12 + 26 + 43 + 43 + 70 \\
 &:= 1^2 + 2^7 + 4^1 + 5^2 + 6^2 = 12 + 27 + 41 + 52 + 62 \\
 &:= 1^3 + 1^3 + 4^3 + 4^3 + 8^2 = 13 + 13 + 43 + 43 + 82 \\
 &:= 1^3 + 1^5 + 3^1 + 5^3 + 8^2 = 13 + 15 + 31 + 53 + 82 \\
 &:= 1^3 + 2^2 + 2^3 + 3^4 + 10^2 = 13 + 22 + 23 + 34 + 102 \\
 &:= 1^3 + 2^2 + 3^3 + 3^4 + 9^2 = 13 + 22 + 33 + 34 + 92 \\
 &:= 1^3 + 2^4 + 4^2 + 5^3 + 6^2 = 13 + 24 + 42 + 53 + 62 \\
 &:= 1^3 + 2^6 + 3^0 + 4^3 + 8^2 = 13 + 26 + 30 + 43 + 82 \\
 &:= 1^3 + 3^4 + 3^4 + 5^2 + 6^1 = 13 + 34 + 34 + 52 + 61 \\
 &:= 1^4 + 1^4 + 3^1 + 5^3 + 8^2 = 14 + 14 + 31 + 53 + 82 \\
 &:= 1^4 + 2^4 + 3^1 + 5^3 + 7^2 = 14 + 24 + 31 + 53 + 72 \\
 &:= 1^4 + 2^6 + 3^1 + 5^3 + 7^0 = 14 + 26 + 31 + 53 + 70
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 3^3 + 4^2 + 5^2 + 5^3 = 14 + 33 + 42 + 52 + 53 \\
 &:= 1^5 + 4^3 + 4^3 + 4^3 + 5^0 = 15 + 43 + 43 + 43 + 50 \\
 &:= 1^6 + 2^6 + 2^6 + 2^6 + 10^0 = 16 + 26 + 26 + 26 + 100 \\
 &:= 1^7 + 2^1 + 2^1 + 5^3 + 8^2 = 17 + 21 + 21 + 53 + 82 \\
 &:= 1^7 + 2^5 + 2^5 + 2^7 + 10^0 = 17 + 25 + 25 + 27 + 100 \\
 &:= 1^7 + 3^1 + 4^3 + 5^0 + 5^3 = 17 + 31 + 43 + 50 + 53 \\
 &:= 1^9 + 2^6 + 2^6 + 4^3 + 8^0 = 19 + 26 + 26 + 43 + 80 \\
 &:= 2^0 + 2^6 + 2^6 + 4^0 + 8^2 = 20 + 26 + 26 + 40 + 82 \\
 &:= 2^2 + 2^5 + 3^3 + 5^3 + 6^1 = 22 + 25 + 33 + 53 + 61 \\
 &:= 2^2 + 2^7 + 3^2 + 4^1 + 7^2 = 22 + 27 + 32 + 41 + 72 \\
 &:= 2^3 + 2^4 + 3^2 + 5^3 + 6^2 = 23 + 24 + 32 + 53 + 62 \\
 &:= 2^3 + 2^5 + 4^1 + 5^2 + 5^3 = 23 + 25 + 41 + 52 + 53 \\
 &:= 2^3 + 3^4 + 4^2 + 4^3 + 5^2 = 23 + 34 + 42 + 43 + 52 \\
 &:= 2^5 + 2^5 + 4^1 + 5^0 + 5^3 = 25 + 25 + 41 + 50 + 53 \\
 &:= 2^5 + 3^4 + 4^2 + 4^3 + 5^0 = 25 + 34 + 42 + 43 + 50 \\
 &:= 2^6 + 2^6 + 3^0 + 3^0 + 8^2 = 26 + 26 + 30 + 30 + 82
 \end{aligned}$$

2.2.96 Number 195

$$\begin{aligned}
 195 &:= 1^1 + 5^2 + 13^2 = 11 + 52 + 132 \\
 &:= 1^0 + 1^2 + 2^6 + 2^7 + 12^0 = 10 + 12 + 26 + 27 + 120 \\
 &:= 1^0 + 1^5 + 2^7 + 4^3 + 10^0 = 10 + 15 + 27 + 43 + 100 \\
 &:= 1^0 + 1^6 + 2^7 + 6^0 + 8^2 = 10 + 16 + 27 + 60 + 82 \\
 &:= 1^1 + 1^1 + 2^6 + 2^7 + 12^0 = 11 + 11 + 26 + 27 + 120 \\
 &:= 1^1 + 1^4 + 2^7 + 4^3 + 10^0 = 11 + 14 + 27 + 43 + 100 \\
 &:= 1^1 + 1^5 + 2^7 + 6^0 + 8^2 = 11 + 15 + 27 + 60 + 82 \\
 &:= 1^2 + 1^3 + 2^7 + 4^3 + 10^0 = 12 + 13 + 27 + 43 + 100 \\
 &:= 1^2 + 1^4 + 2^7 + 6^0 + 8^2 = 12 + 14 + 27 + 60 + 82 \\
 &:= 1^2 + 2^0 + 2^6 + 2^7 + 11^0 = 12 + 20 + 26 + 27 + 110 \\
 &:= 1^2 + 2^4 + 2^7 + 6^0 + 7^2 = 12 + 24 + 27 + 60 + 72 \\
 &:= 1^2 + 2^6 + 2^7 + 3^0 + 10^0 = 12 + 26 + 27 + 30 + 100 \\
 &:= 1^2 + 2^6 + 2^7 + 4^0 + 9^0 = 12 + 26 + 27 + 40 + 90 \\
 &:= 1^2 + 2^6 + 2^7 + 5^0 + 8^0 = 12 + 26 + 27 + 50 + 80 \\
 &:= 1^2 + 2^6 + 2^7 + 6^0 + 7^0 = 12 + 26 + 27 + 60 + 70 \\
 &:= 1^3 + 1^3 + 2^7 + 6^0 + 8^2 = 13 + 13 + 27 + 60 + 82 \\
 &:= 1^3 + 1^9 + 2^6 + 2^7 + 11^0 = 13 + 19 + 26 + 27 + 110 \\
 &:= 1^4 + 1^8 + 2^6 + 2^7 + 11^0 = 14 + 18 + 26 + 27 + 110
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^0 + 2^3 + 2^6 + 11^2 = 14 + 20 + 23 + 26 + 112 \\
 &:= 1^4 + 2^2 + 2^6 + 5^3 + 8^0 = 14 + 22 + 26 + 53 + 80 \\
 &:= 1^4 + 2^7 + 4^0 + 4^2 + 7^2 = 14 + 27 + 40 + 42 + 72 \\
 &:= 1^5 + 1^7 + 2^6 + 2^7 + 11^0 = 15 + 17 + 26 + 27 + 110 \\
 &:= 1^5 + 1^9 + 2^3 + 2^6 + 11^2 = 15 + 19 + 23 + 26 + 112 \\
 &:= 1^5 + 2^0 + 2^7 + 4^3 + 9^0 = 15 + 20 + 27 + 43 + 90 \\
 &:= 1^5 + 2^5 + 4^0 + 5^3 + 6^2 = 15 + 25 + 40 + 53 + 62 \\
 &:= 1^5 + 2^6 + 4^1 + 5^3 + 6^0 = 15 + 26 + 41 + 53 + 60 \\
 &:= 1^5 + 2^7 + 3^0 + 4^3 + 8^0 = 15 + 27 + 30 + 43 + 80 \\
 &:= 1^5 + 2^7 + 4^0 + 4^3 + 7^0 = 15 + 27 + 40 + 43 + 70 \\
 &:= 1^5 + 2^7 + 4^3 + 5^0 + 6^0 = 15 + 27 + 43 + 50 + 60 \\
 &:= 1^6 + 1^6 + 2^6 + 2^7 + 11^0 = 16 + 16 + 26 + 27 + 110 \\
 &:= 1^6 + 1^8 + 2^3 + 2^6 + 11^2 = 16 + 18 + 23 + 26 + 112 \\
 &:= 1^6 + 1^9 + 2^7 + 4^3 + 9^0 = 16 + 19 + 27 + 43 + 90 \\
 &:= 1^6 + 2^0 + 2^7 + 5^0 + 8^2 = 16 + 20 + 27 + 50 + 82 \\
 &:= 1^6 + 2^7 + 3^0 + 4^0 + 8^2 = 16 + 27 + 30 + 40 + 82 \\
 &:= 1^7 + 1^7 + 2^3 + 2^6 + 11^2 = 17 + 17 + 23 + 26 + 112 \\
 &:= 1^7 + 1^8 + 2^7 + 4^3 + 9^0 = 17 + 18 + 27 + 43 + 90
 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 1^9 + 2^7 + 5^0 + 8^2 = 17 + 19 + 27 + 50 + 82 \\ &:= 1^7 + 2^2 + 4^3 + 5^3 + 6^0 = 17 + 22 + 43 + 53 + 60 \\ &:= 1^8 + 1^8 + 2^7 + 5^0 + 8^2 = 18 + 18 + 27 + 50 + 82 \\ &:= 1^8 + 2^0 + 2^2 + 5^3 + 8^2 = 18 + 20 + 22 + 53 + 82 \\ &:= 1^8 + 4^0 + 4^1 + 4^3 + 5^3 = 18 + 40 + 41 + 43 + 53 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 1^9 + 2^2 + 5^3 + 8^2 = 19 + 19 + 22 + 53 + 82 \\ &:= 2^1 + 2^6 + 2^6 + 4^0 + 8^2 = 21 + 26 + 26 + 40 + 82 \\ &:= 2^4 + 2^7 + 4^0 + 5^2 + 5^2 = 24 + 27 + 40 + 52 + 52 \end{aligned}$$

2.2.97 Number 196

$$\begin{aligned} 196 &:= 1^0 + 1^6 + 2^6 + 3^2 + 11^2 = 10 + 16 + 26 + 32 + 112 \\ &:= 1^1 + 1^5 + 2^6 + 3^2 + 11^2 = 11 + 15 + 26 + 32 + 112 \\ &:= 1^2 + 1^4 + 2^6 + 3^2 + 11^2 = 12 + 14 + 26 + 32 + 112 \\ &:= 1^2 + 2^1 + 2^6 + 2^7 + 11^0 = 12 + 21 + 26 + 27 + 110 \\ &:= 1^3 + 1^3 + 2^6 + 3^2 + 11^2 = 13 + 13 + 26 + 32 + 112 \\ &:= 1^3 + 2^2 + 2^6 + 3^3 + 10^2 = 13 + 22 + 26 + 33 + 102 \\ &:= 1^3 + 2^5 + 3^4 + 3^4 + 9^0 = 13 + 25 + 34 + 34 + 90 \\ &:= 1^4 + 2^1 + 2^3 + 2^6 + 11^2 = 14 + 21 + 23 + 26 + 112 \\ &:= 1^4 + 2^6 + 3^1 + 4^3 + 8^2 = 14 + 26 + 31 + 43 + 82 \\ &:= 1^4 + 2^6 + 3^4 + 5^0 + 7^2 = 14 + 26 + 34 + 50 + 72 \\ &:= 1^5 + 2^1 + 2^7 + 4^3 + 9^0 = 15 + 21 + 27 + 43 + 90 \\ &:= 1^5 + 2^5 + 3^0 + 3^4 + 9^2 = 15 + 25 + 30 + 34 + 92 \\ &:= 1^5 + 3^4 + 4^3 + 5^2 + 5^2 = 15 + 34 + 43 + 52 + 52 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 2^1 + 2^7 + 5^0 + 8^2 = 16 + 21 + 27 + 50 + 82 \\ &:= 1^6 + 2^6 + 5^0 + 5^1 + 5^3 = 16 + 26 + 50 + 51 + 53 \\ &:= 1^7 + 3^0 + 3^4 + 4^3 + 7^2 = 17 + 30 + 34 + 43 + 72 \\ &:= 1^8 + 2^1 + 2^2 + 5^3 + 8^2 = 18 + 21 + 22 + 53 + 82 \\ &:= 1^9 + 3^0 + 4^3 + 5^1 + 5^3 = 19 + 30 + 43 + 51 + 53 \\ &:= 2^3 + 2^4 + 3^3 + 3^4 + 8^2 = 23 + 24 + 33 + 34 + 82 \\ &:= 2^4 + 2^4 + 4^3 + 4^3 + 6^2 = 24 + 24 + 43 + 43 + 62 \\ &:= 2^4 + 2^5 + 3^1 + 3^4 + 8^2 = 24 + 25 + 31 + 34 + 82 \\ &:= 2^4 + 2^6 + 3^1 + 4^3 + 7^2 = 24 + 26 + 31 + 43 + 72 \\ &:= 2^5 + 2^7 + 3^0 + 3^3 + 8^1 = 25 + 27 + 30 + 33 + 81 \\ &:= 2^6 + 2^6 + 3^1 + 4^3 + 7^0 = 26 + 26 + 31 + 43 + 70 \\ &:= 2^6 + 3^3 + 4^2 + 4^3 + 5^2 = 26 + 33 + 42 + 43 + 52 \end{aligned}$$

2.2.98 Number 197

$$\begin{aligned} 197 &:= 3^0 + 4^3 + 5^3 + 7^1 = 30 + 43 + 53 + 71 \\ &:= 1^0 + 3^0 + 4^3 + 5^3 + 6^1 = 10 + 30 + 43 + 53 + 61 \\ &:= 1^3 + 2^6 + 2^7 + 3^1 + 10^0 = 13 + 26 + 27 + 31 + 100 \\ &:= 1^6 + 2^7 + 3^1 + 4^3 + 8^0 = 16 + 27 + 31 + 43 + 80 \\ &:= 1^7 + 2^6 + 4^0 + 5^3 + 6^1 = 17 + 26 + 40 + 53 + 61 \\ &:= 1^7 + 2^7 + 3^1 + 4^0 + 8^2 = 17 + 27 + 31 + 40 + 82 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 2^0 + 4^3 + 5^3 + 6^1 = 20 + 20 + 43 + 53 + 61 \\ &:= 2^0 + 2^5 + 2^5 + 2^5 + 10^2 = 20 + 25 + 25 + 25 + 102 \\ &:= 2^2 + 2^6 + 2^6 + 4^3 + 8^0 = 22 + 26 + 26 + 43 + 80 \\ &:= 2^4 + 2^4 + 2^7 + 6^0 + 6^2 = 24 + 24 + 27 + 60 + 62 \\ &:= 2^5 + 2^7 + 3^2 + 3^3 + 8^0 = 25 + 27 + 32 + 33 + 80 \end{aligned}$$

2.2.99 Number 198

$$\begin{aligned} 198 &:= 1^6 + 4^0 + 14^2 = 16 + 40 + 142 \\ &:= 1^3 + 2^0 + 3^3 + 13^2 = 13 + 20 + 33 + 132 \\ &:= 1^4 + 1^9 + 3^3 + 13^2 = 14 + 19 + 33 + 132 \\ &:= 1^5 + 1^8 + 3^3 + 13^2 = 15 + 18 + 33 + 132 \\ &:= 1^6 + 1^7 + 3^3 + 13^2 = 16 + 17 + 33 + 132 \\ &:= 2^0 + 3^4 + 4^2 + 10^2 = 20 + 34 + 42 + 102 \end{aligned}$$

$$\begin{aligned} &:= 2^3 + 4^0 + 5^3 + 8^2 = 23 + 40 + 53 + 82 \\ &:= 1^0 + 1^8 + 2^5 + 4^3 + 10^2 = 10 + 18 + 25 + 43 + 102 \\ &:= 1^1 + 1^7 + 2^5 + 4^3 + 10^2 = 11 + 17 + 25 + 43 + 102 \\ &:= 1^1 + 2^0 + 4^3 + 5^3 + 7^1 = 11 + 20 + 43 + 53 + 71 \\ &:= 1^2 + 1^6 + 2^5 + 4^3 + 10^2 = 12 + 16 + 25 + 43 + 102 \\ &:= 1^2 + 1^9 + 4^3 + 5^3 + 7^1 = 12 + 19 + 43 + 53 + 71 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 2^5 + 2^7 + 3^3 + 10^1 = 12 + 25 + 27 + 33 + 101 \\
 &:= 1^3 + 1^5 + 2^5 + 4^3 + 10^2 = 13 + 15 + 25 + 43 + 102 \\
 &:= 1^3 + 1^8 + 4^3 + 5^3 + 7^1 = 13 + 18 + 43 + 53 + 71 \\
 &:= 1^3 + 2^2 + 2^6 + 2^7 + 11^0 = 13 + 22 + 26 + 27 + 110 \\
 &:= 1^3 + 2^6 + 2^6 + 5^1 + 8^2 = 13 + 26 + 26 + 51 + 82 \\
 &:= 1^4 + 1^4 + 2^5 + 4^3 + 10^2 = 14 + 14 + 25 + 43 + 102 \\
 &:= 1^4 + 1^7 + 4^3 + 5^3 + 7^1 = 14 + 17 + 43 + 53 + 71 \\
 &:= 1^4 + 2^5 + 2^5 + 5^3 + 8^1 = 14 + 25 + 25 + 53 + 81 \\
 &:= 1^4 + 2^5 + 2^7 + 6^2 + 7^0 = 14 + 25 + 27 + 62 + 70 \\
 &:= 1^4 + 2^6 + 2^7 + 4^1 + 9^0 = 14 + 26 + 27 + 41 + 90 \\
 &:= 1^5 + 1^6 + 4^3 + 5^3 + 7^1 = 15 + 16 + 43 + 53 + 71 \\
 &:= 1^5 + 2^2 + 2^3 + 2^6 + 11^2 = 15 + 22 + 23 + 26 + 112 \\
 &:= 1^5 + 2^5 + 2^6 + 3^0 + 10^2 = 15 + 25 + 26 + 30 + 102 \\
 &:= 1^5 + 2^7 + 3^3 + 6^1 + 6^2 = 15 + 27 + 33 + 61 + 62 \\
 &:= 1^6 + 2^2 + 2^7 + 4^3 + 9^0 = 16 + 22 + 27 + 43 + 90 \\
 &:= 1^6 + 2^3 + 2^3 + 3^4 + 10^2 = 16 + 23 + 23 + 34 + 102 \\
 &:= 1^6 + 2^3 + 3^3 + 3^4 + 9^2 = 16 + 23 + 33 + 34 + 92 \\
 &:= 1^6 + 2^5 + 3^1 + 3^4 + 9^2 = 16 + 25 + 31 + 34 + 92 \\
 &:= 1^6 + 2^7 + 4^1 + 4^2 + 7^2 = 16 + 27 + 41 + 42 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 3^3 + 3^4 + 3^4 + 8^1 = 16 + 33 + 34 + 34 + 81 \\
 &:= 1^7 + 2^2 + 2^7 + 5^0 + 8^2 = 17 + 22 + 27 + 50 + 82 \\
 &:= 1^7 + 2^5 + 4^1 + 5^3 + 6^2 = 17 + 25 + 41 + 53 + 62 \\
 &:= 1^7 + 2^7 + 4^1 + 4^3 + 7^0 = 17 + 27 + 41 + 43 + 70 \\
 &:= 1^7 + 3^4 + 4^2 + 4^3 + 6^2 = 17 + 34 + 42 + 43 + 62 \\
 &:= 1^8 + 2^6 + 3^0 + 5^3 + 7^1 = 18 + 26 + 30 + 53 + 71 \\
 &:= 1^8 + 2^7 + 3^0 + 4^1 + 8^2 = 18 + 27 + 30 + 41 + 82 \\
 &:= 1^8 + 3^1 + 3^4 + 4^3 + 7^2 = 18 + 31 + 34 + 43 + 72 \\
 &:= 1^8 + 3^2 + 3^3 + 5^3 + 6^2 = 18 + 32 + 33 + 53 + 62 \\
 &:= 1^8 + 4^3 + 4^3 + 4^3 + 5^1 = 18 + 43 + 43 + 43 + 51 \\
 &:= 1^9 + 2^2 + 2^2 + 5^3 + 8^2 = 19 + 22 + 22 + 53 + 82 \\
 &:= 2^0 + 2^1 + 4^3 + 5^3 + 6^1 = 20 + 21 + 43 + 53 + 61 \\
 &:= 2^0 + 3^1 + 4^3 + 5^1 + 5^3 = 20 + 31 + 43 + 51 + 53 \\
 &:= 2^0 + 4^1 + 4^1 + 4^3 + 5^3 = 20 + 41 + 41 + 43 + 53 \\
 &:= 2^1 + 2^5 + 2^5 + 2^5 + 10^2 = 21 + 25 + 25 + 25 + 102 \\
 &:= 2^4 + 2^6 + 3^3 + 3^3 + 8^2 = 24 + 26 + 33 + 33 + 82 \\
 &:= 2^5 + 2^5 + 2^7 + 5^1 + 7^0 = 25 + 25 + 27 + 51 + 70 \\
 &:= 2^6 + 2^6 + 3^2 + 5^2 + 6^2 = 26 + 26 + 32 + 52 + 62
 \end{aligned}$$

2.2.100 Number 199

$$\begin{aligned}
 199 &:= 1^0 + 1^7 + 3^0 + 14^2 = 10 + 17 + 30 + 142 \\
 &:= 1^1 + 1^6 + 3^0 + 14^2 = 11 + 16 + 30 + 142 \\
 &:= 1^1 + 3^3 + 3^3 + 12^2 = 11 + 33 + 33 + 122 \\
 &:= 1^1 + 3^4 + 6^2 + 9^2 = 11 + 34 + 62 + 92 \\
 &:= 1^2 + 1^5 + 3^0 + 14^2 = 12 + 15 + 30 + 142 \\
 &:= 1^2 + 4^3 + 5^3 + 9^1 = 12 + 43 + 53 + 91 \\
 &:= 1^3 + 1^4 + 3^0 + 14^2 = 13 + 14 + 30 + 142 \\
 &:= 1^3 + 2^1 + 3^3 + 13^2 = 13 + 21 + 33 + 132 \\
 &:= 1^7 + 2^0 + 2^0 + 14^2 = 17 + 20 + 20 + 142 \\
 &:= 1^8 + 1^9 + 2^0 + 14^2 = 18 + 19 + 20 + 142 \\
 &:= 1^9 + 1^9 + 1^9 + 14^2 = 19 + 19 + 19 + 142 \\
 &:= 2^1 + 3^4 + 4^2 + 10^2 = 21 + 34 + 42 + 102 \\
 &:= 3^2 + 4^2 + 5^3 + 7^2 = 32 + 42 + 53 + 72 \\
 &:= 3^1 + 3^1 + 4^1 + 4^3 + 5^3 = 31 + 31 + 41 + 43 + 53 \\
 &:= 2^6 + 2^6 + 2^6 + 6^0 + 6^1 = 26 + 26 + 26 + 60 + 61 \\
 &:= 2^3 + 4^0 + 4^0 + 4^3 + 5^3 = 23 + 40 + 40 + 43 + 53
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 3^0 + 4^3 + 5^0 + 5^3 = 23 + 30 + 43 + 50 + 53 \\
 &:= 2^2 + 3^0 + 4^3 + 5^1 + 5^3 = 22 + 30 + 43 + 51 + 53 \\
 &:= 2^1 + 4^1 + 4^1 + 4^3 + 5^3 = 21 + 41 + 41 + 43 + 53 \\
 &:= 2^1 + 3^1 + 4^3 + 5^1 + 5^3 = 21 + 31 + 43 + 51 + 53 \\
 &:= 2^1 + 2^1 + 4^3 + 5^3 + 6^1 = 21 + 21 + 43 + 53 + 61 \\
 &:= 2^0 + 2^3 + 4^3 + 5^3 + 6^0 = 20 + 23 + 43 + 53 + 60 \\
 &:= 1^9 + 2^0 + 2^7 + 5^1 + 8^2 = 19 + 20 + 27 + 51 + 82 \\
 &:= 1^9 + 2^0 + 2^6 + 5^3 + 8^1 = 19 + 20 + 26 + 53 + 81 \\
 &:= 1^9 + 2^0 + 2^4 + 3^4 + 10^2 = 19 + 20 + 24 + 34 + 102 \\
 &:= 1^8 + 2^7 + 4^3 + 5^1 + 6^0 = 18 + 27 + 43 + 51 + 60 \\
 &:= 1^7 + 2^3 + 2^6 + 5^3 + 8^0 = 17 + 23 + 26 + 53 + 80 \\
 &:= 1^5 + 2^6 + 2^7 + 5^1 + 8^0 = 15 + 26 + 27 + 51 + 80 \\
 &:= 1^1 + 4^1 + 4^3 + 5^1 + 5^3 = 11 + 41 + 43 + 51 + 53 \\
 &:= 1^1 + 3^1 + 4^3 + 5^3 + 6^1 = 11 + 31 + 43 + 53 + 61 \\
 &:= 1^1 + 2^3 + 3^0 + 5^3 + 8^2 = 11 + 23 + 30 + 53 + 82 \\
 &:= 1^1 + 2^1 + 4^3 + 5^3 + 7^1 = 11 + 21 + 43 + 53 + 71
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^1 + 5^3 + 6^2 + 6^2 = 11 + 11 + 53 + 62 + 62 \\ &:= 1^1 + 1^1 + 4^3 + 5^3 + 8^1 = 11 + 11 + 43 + 53 + 81 \\ &:= 1^1 + 1^1 + 1^2 + 3^3 + 13^2 = 11 + 11 + 12 + 33 + 132 \\ &:= 1^0 + 2^3 + 4^3 + 5^3 + 7^0 = 10 + 23 + 43 + 53 + 70 \\ &:= 1^0 + 1^2 + 5^3 + 6^2 + 6^2 = 10 + 12 + 53 + 62 + 62 \\ &:= 1^0 + 1^2 + 4^3 + 5^3 + 8^1 = 10 + 12 + 43 + 53 + 81 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^2 + 1^2 + 3^3 + 13^2 = 10 + 12 + 12 + 33 + 132 \\ &:= 1^0 + 1^1 + 3^4 + 4^2 + 10^2 = 10 + 11 + 34 + 42 + 102 \\ &:= 1^0 + 1^1 + 1^3 + 3^3 + 13^2 = 10 + 11 + 13 + 33 + 132 \\ &:= 1^0 + 1^0 + 1^4 + 3^3 + 13^2 = 10 + 10 + 14 + 33 + 132 \end{aligned}$$

2.2.101 Number 200

$$\begin{aligned} 200 &:= 1^7 + 2^0 + 2^1 + 14^2 = 17 + 20 + 21 + 142 \\ &:= 1^8 + 1^9 + 2^1 + 14^2 = 18 + 19 + 21 + 142 \\ &:= 2^0 + 2^6 + 5^3 + 10^1 = 20 + 26 + 53 + 101 \\ &:= 2^0 + 2^7 + 7^1 + 8^2 = 20 + 27 + 71 + 82 \\ &:= 1^0 + 1^0 + 1^8 + 2^0 + 14^2 = 10 + 10 + 18 + 20 + 142 \\ &:= 1^0 + 1^0 + 1^9 + 1^9 + 14^2 = 10 + 10 + 19 + 19 + 142 \\ &:= 1^0 + 1^1 + 1^7 + 2^0 + 14^2 = 10 + 11 + 17 + 20 + 142 \\ &:= 1^0 + 1^1 + 1^8 + 1^9 + 14^2 = 10 + 11 + 18 + 19 + 142 \\ &:= 1^0 + 1^2 + 1^6 + 2^0 + 14^2 = 10 + 12 + 16 + 20 + 142 \\ &:= 1^0 + 1^2 + 1^7 + 1^9 + 14^2 = 10 + 12 + 17 + 19 + 142 \\ &:= 1^0 + 1^2 + 1^8 + 1^8 + 14^2 = 10 + 12 + 18 + 18 + 142 \\ &:= 1^0 + 1^3 + 1^5 + 2^0 + 14^2 = 10 + 13 + 15 + 20 + 142 \\ &:= 1^0 + 1^3 + 1^6 + 1^9 + 14^2 = 10 + 13 + 16 + 19 + 142 \\ &:= 1^0 + 1^3 + 1^7 + 1^8 + 14^2 = 10 + 13 + 17 + 18 + 142 \\ &:= 1^0 + 1^4 + 1^4 + 2^0 + 14^2 = 10 + 14 + 14 + 20 + 142 \\ &:= 1^0 + 1^4 + 1^5 + 1^9 + 14^2 = 10 + 14 + 15 + 19 + 142 \\ &:= 1^0 + 1^4 + 1^6 + 1^8 + 14^2 = 10 + 14 + 16 + 18 + 142 \\ &:= 1^0 + 1^4 + 1^7 + 1^7 + 14^2 = 10 + 14 + 17 + 17 + 142 \\ &:= 1^0 + 1^5 + 1^5 + 1^8 + 14^2 = 10 + 15 + 15 + 18 + 142 \\ &:= 1^0 + 1^5 + 1^6 + 1^7 + 14^2 = 10 + 15 + 16 + 17 + 142 \\ &:= 1^0 + 1^6 + 1^6 + 1^6 + 14^2 = 10 + 16 + 16 + 16 + 142 \\ &:= 1^0 + 2^0 + 2^6 + 5^3 + 9^1 = 10 + 20 + 26 + 53 + 91 \\ &:= 1^0 + 2^0 + 2^7 + 6^1 + 8^2 = 10 + 20 + 27 + 61 + 82 \\ &:= 1^0 + 3^4 + 3^4 + 6^0 + 6^2 = 10 + 34 + 34 + 60 + 62 \\ &:= 1^1 + 1^1 + 1^6 + 2^0 + 14^2 = 11 + 11 + 16 + 20 + 142 \\ &:= 1^1 + 1^1 + 1^7 + 1^9 + 14^2 = 11 + 11 + 17 + 19 + 142 \\ &:= 1^1 + 1^1 + 1^8 + 1^8 + 14^2 = 11 + 11 + 18 + 18 + 142 \\ &:= 1^1 + 1^2 + 1^5 + 2^0 + 14^2 = 11 + 12 + 15 + 20 + 142 \\ &:= 1^1 + 1^2 + 1^6 + 1^9 + 14^2 = 11 + 12 + 16 + 19 + 142 \\ &:= 1^1 + 1^2 + 1^7 + 1^8 + 14^2 = 11 + 12 + 17 + 18 + 142 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^3 + 1^4 + 2^0 + 14^2 = 11 + 13 + 14 + 20 + 142 \\ &:= 1^1 + 1^3 + 1^5 + 1^9 + 14^2 = 11 + 13 + 15 + 19 + 142 \\ &:= 1^1 + 1^3 + 1^6 + 1^8 + 14^2 = 11 + 13 + 16 + 18 + 142 \\ &:= 1^1 + 1^3 + 1^7 + 1^7 + 14^2 = 11 + 13 + 17 + 17 + 142 \\ &:= 1^1 + 1^4 + 1^4 + 1^9 + 14^2 = 11 + 14 + 14 + 19 + 142 \\ &:= 1^1 + 1^4 + 1^5 + 1^8 + 14^2 = 11 + 14 + 15 + 18 + 142 \\ &:= 1^1 + 1^4 + 1^6 + 1^7 + 14^2 = 11 + 14 + 16 + 17 + 142 \\ &:= 1^1 + 1^5 + 1^5 + 1^7 + 14^2 = 11 + 15 + 15 + 17 + 142 \\ &:= 1^1 + 1^5 + 1^6 + 1^6 + 14^2 = 11 + 15 + 16 + 16 + 142 \\ &:= 1^1 + 1^9 + 2^6 + 5^3 + 9^1 = 11 + 19 + 26 + 53 + 91 \\ &:= 1^1 + 1^9 + 2^7 + 6^1 + 8^2 = 11 + 19 + 27 + 61 + 82 \\ &:= 1^2 + 1^2 + 1^4 + 2^0 + 14^2 = 12 + 12 + 14 + 20 + 142 \\ &:= 1^2 + 1^2 + 1^5 + 1^9 + 14^2 = 12 + 12 + 15 + 19 + 142 \\ &:= 1^2 + 1^2 + 1^6 + 1^8 + 14^2 = 12 + 12 + 16 + 18 + 142 \\ &:= 1^2 + 1^2 + 1^7 + 1^7 + 14^2 = 12 + 12 + 17 + 17 + 142 \\ &:= 1^2 + 1^3 + 1^3 + 2^0 + 14^2 = 12 + 13 + 13 + 20 + 142 \\ &:= 1^2 + 1^3 + 1^4 + 1^9 + 14^2 = 12 + 13 + 14 + 19 + 142 \\ &:= 1^2 + 1^3 + 1^5 + 1^8 + 14^2 = 12 + 13 + 15 + 18 + 142 \\ &:= 1^2 + 1^3 + 1^6 + 1^7 + 14^2 = 12 + 13 + 16 + 17 + 142 \\ &:= 1^2 + 1^4 + 1^4 + 1^8 + 14^2 = 12 + 14 + 14 + 18 + 142 \\ &:= 1^2 + 1^4 + 1^5 + 1^7 + 14^2 = 12 + 14 + 15 + 17 + 142 \\ &:= 1^2 + 1^4 + 1^6 + 1^6 + 14^2 = 12 + 14 + 16 + 16 + 142 \\ &:= 1^2 + 1^5 + 1^5 + 1^6 + 14^2 = 12 + 15 + 15 + 16 + 142 \\ &:= 1^2 + 1^8 + 2^6 + 5^3 + 9^1 = 12 + 18 + 26 + 53 + 91 \\ &:= 1^2 + 1^8 + 2^7 + 6^1 + 8^2 = 12 + 18 + 27 + 61 + 82 \\ &:= 1^2 + 3^2 + 4^3 + 5^3 + 6^0 = 12 + 32 + 43 + 53 + 60 \\ &:= 1^3 + 1^3 + 1^3 + 1^9 + 14^2 = 13 + 13 + 13 + 19 + 142 \\ &:= 1^3 + 1^3 + 1^4 + 1^8 + 14^2 = 13 + 13 + 14 + 18 + 142 \\ &:= 1^3 + 1^3 + 1^5 + 1^7 + 14^2 = 13 + 13 + 15 + 17 + 142 \\ &:= 1^3 + 1^3 + 1^6 + 1^6 + 14^2 = 13 + 13 + 16 + 16 + 142 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^4 + 1^4 + 1^7 + 14^2 = 13 + 14 + 14 + 17 + 142 \\
 &:= 1^3 + 1^4 + 1^5 + 1^6 + 14^2 = 13 + 14 + 15 + 16 + 142 \\
 &:= 1^3 + 1^5 + 1^5 + 1^5 + 14^2 = 13 + 15 + 15 + 15 + 142 \\
 &:= 1^3 + 1^7 + 2^6 + 5^3 + 9^1 = 13 + 17 + 26 + 53 + 91 \\
 &:= 1^3 + 1^7 + 2^7 + 6^1 + 8^2 = 13 + 17 + 27 + 61 + 82 \\
 &:= 1^3 + 2^0 + 3^2 + 5^3 + 8^2 = 13 + 20 + 32 + 53 + 82 \\
 &:= 1^4 + 1^4 + 1^4 + 1^6 + 14^2 = 14 + 14 + 14 + 16 + 142 \\
 &:= 1^4 + 1^4 + 1^5 + 1^5 + 14^2 = 14 + 14 + 15 + 15 + 142 \\
 &:= 1^4 + 1^6 + 2^6 + 5^3 + 9^1 = 14 + 16 + 26 + 53 + 91 \\
 &:= 1^4 + 1^6 + 2^7 + 6^1 + 8^2 = 14 + 16 + 27 + 61 + 82 \\
 &:= 1^4 + 1^9 + 3^2 + 5^3 + 8^2 = 14 + 19 + 32 + 53 + 82 \\
 &:= 1^5 + 1^5 + 2^6 + 5^3 + 9^1 = 15 + 15 + 26 + 53 + 91 \\
 &:= 1^5 + 1^5 + 2^7 + 6^1 + 8^2 = 15 + 15 + 27 + 61 + 82 \\
 &:= 1^5 + 1^8 + 3^2 + 5^3 + 8^2 = 15 + 18 + 32 + 53 + 82 \\
 &:= 1^6 + 1^7 + 3^2 + 5^3 + 8^2 = 16 + 17 + 32 + 53 + 82 \\
 &:= 1^6 + 2^3 + 2^6 + 3^3 + 10^2 = 16 + 23 + 26 + 33 + 102 \\
 &:= 1^6 + 2^4 + 2^7 + 6^1 + 7^2 = 16 + 24 + 27 + 61 + 72 \\
 &:= 1^6 + 2^5 + 2^6 + 3^1 + 10^2 = 16 + 25 + 26 + 31 + 102 \\
 &:= 1^6 + 2^6 + 2^7 + 6^1 + 7^0 = 16 + 26 + 27 + 61 + 70 \\
 &:= 1^6 + 2^6 + 3^3 + 3^3 + 9^2 = 16 + 26 + 33 + 33 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^6 + 3^4 + 5^1 + 7^2 = 17 + 26 + 34 + 51 + 72 \\
 &:= 1^7 + 2^6 + 4^3 + 4^3 + 7^1 = 17 + 26 + 43 + 43 + 71 \\
 &:= 1^8 + 3^3 + 3^3 + 3^4 + 8^2 = 18 + 33 + 33 + 34 + 82 \\
 &:= 1^9 + 2^1 + 2^4 + 3^4 + 10^2 = 19 + 21 + 24 + 34 + 102 \\
 &:= 1^9 + 2^1 + 2^6 + 5^3 + 8^1 = 19 + 21 + 26 + 53 + 81 \\
 &:= 1^9 + 2^1 + 2^7 + 5^1 + 8^2 = 19 + 21 + 27 + 51 + 82 \\
 &:= 1^9 + 2^4 + 3^2 + 5^3 + 7^2 = 19 + 24 + 32 + 53 + 72 \\
 &:= 1^9 + 2^6 + 3^1 + 5^3 + 7^1 = 19 + 26 + 31 + 53 + 71 \\
 &:= 1^9 + 2^6 + 3^2 + 5^3 + 7^0 = 19 + 26 + 32 + 53 + 70 \\
 &:= 1^9 + 2^6 + 4^1 + 5^3 + 6^1 = 19 + 26 + 41 + 53 + 61 \\
 &:= 1^9 + 2^6 + 5^1 + 5^1 + 5^3 = 19 + 26 + 51 + 51 + 53 \\
 &:= 1^9 + 2^7 + 3^1 + 4^1 + 8^2 = 19 + 27 + 31 + 41 + 82 \\
 &:= 1^9 + 2^7 + 4^3 + 5^0 + 6^1 = 19 + 27 + 43 + 50 + 61 \\
 &:= 2^0 + 3^4 + 3^4 + 5^0 + 6^2 = 20 + 34 + 34 + 50 + 62 \\
 &:= 2^1 + 2^3 + 4^3 + 5^3 + 6^0 = 21 + 23 + 43 + 53 + 60 \\
 &:= 2^5 + 2^5 + 2^6 + 4^3 + 8^1 = 25 + 25 + 26 + 43 + 81 \\
 &:= 2^5 + 2^5 + 2^6 + 6^2 + 6^2 = 25 + 25 + 26 + 62 + 62 \\
 &:= 3^0 + 3^4 + 3^4 + 4^0 + 6^2 = 30 + 34 + 34 + 40 + 62
 \end{aligned}$$

2.2.102 Number 201

$$\begin{aligned}
 201 &:= 1^8 + 4^1 + 14^2 = 18 + 41 + 142 \\
 &:= 1^0 + 1^8 + 3^1 + 14^2 = 10 + 18 + 31 + 142 \\
 &:= 1^1 + 1^7 + 3^1 + 14^2 = 11 + 17 + 31 + 142 \\
 &:= 1^1 + 2^6 + 5^3 + 11^1 = 11 + 26 + 53 + 111 \\
 &:= 1^1 + 2^6 + 6^2 + 10^2 = 11 + 26 + 62 + 102 \\
 &:= 1^1 + 2^7 + 8^1 + 8^2 = 11 + 27 + 81 + 82 \\
 &:= 1^2 + 1^6 + 3^1 + 14^2 = 12 + 16 + 31 + 142 \\
 &:= 1^3 + 1^5 + 3^1 + 14^2 = 13 + 15 + 31 + 142 \\
 &:= 1^4 + 1^4 + 3^1 + 14^2 = 14 + 14 + 31 + 142 \\
 &:= 1^4 + 2^2 + 3^3 + 13^2 = 14 + 22 + 33 + 132 \\
 &:= 1^7 + 2^1 + 2^1 + 14^2 = 17 + 21 + 21 + 142 \\
 &:= 2^1 + 2^6 + 5^3 + 10^1 = 21 + 26 + 53 + 101 \\
 &:= 2^1 + 2^7 + 7^1 + 8^2 = 21 + 27 + 71 + 82 \\
 &:= 2^3 + 2^3 + 4^3 + 11^2 = 23 + 23 + 43 + 112 \\
 &:= 2^4 + 3^4 + 4^1 + 10^2 = 24 + 34 + 41 + 102 \\
 &:= 2^6 + 3^1 + 5^3 + 9^1 = 26 + 31 + 53 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^6 + 4^1 + 5^3 + 8^1 = 26 + 41 + 53 + 81 \\
 &:= 2^6 + 5^1 + 5^3 + 7^1 = 26 + 51 + 53 + 71 \\
 &:= 2^6 + 5^3 + 6^1 + 6^1 = 26 + 53 + 61 + 61 \\
 &:= 2^7 + 3^1 + 6^1 + 8^2 = 27 + 31 + 61 + 82 \\
 &:= 2^7 + 4^1 + 5^1 + 8^2 = 27 + 41 + 51 + 82 \\
 &:= 2^7 + 4^3 + 5^0 + 8^1 = 27 + 43 + 50 + 81 \\
 &:= 2^7 + 5^0 + 6^2 + 6^2 = 27 + 50 + 62 + 62 \\
 &:= 1^0 + 1^0 + 1^8 + 2^1 + 14^2 = 10 + 10 + 18 + 21 + 142 \\
 &:= 1^0 + 1^1 + 1^7 + 2^1 + 14^2 = 10 + 11 + 17 + 21 + 142 \\
 &:= 1^0 + 1^1 + 2^6 + 5^3 + 10^1 = 10 + 11 + 26 + 53 + 101 \\
 &:= 1^0 + 1^1 + 2^7 + 7^1 + 8^2 = 10 + 11 + 27 + 71 + 82 \\
 &:= 1^0 + 1^2 + 1^6 + 2^1 + 14^2 = 10 + 12 + 16 + 21 + 142 \\
 &:= 1^0 + 1^3 + 1^5 + 2^1 + 14^2 = 10 + 13 + 15 + 21 + 142 \\
 &:= 1^0 + 1^4 + 1^4 + 2^1 + 14^2 = 10 + 14 + 14 + 21 + 142 \\
 &:= 1^0 + 1^4 + 5^2 + 5^3 + 7^2 = 10 + 14 + 52 + 53 + 72 \\
 &:= 1^0 + 2^1 + 2^6 + 5^3 + 9^1 = 10 + 21 + 26 + 53 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^1 + 2^7 + 6^1 + 8^2 = 10 + 21 + 27 + 61 + 82 \\
 &:= 1^0 + 2^3 + 4^3 + 4^3 + 8^2 = 10 + 23 + 43 + 43 + 82 \\
 &:= 1^0 + 2^4 + 3^1 + 3^4 + 10^2 = 10 + 24 + 31 + 34 + 102 \\
 &:= 1^0 + 2^6 + 3^1 + 5^3 + 8^1 = 10 + 26 + 31 + 53 + 81 \\
 &:= 1^0 + 2^6 + 4^1 + 5^3 + 7^1 = 10 + 26 + 41 + 53 + 71 \\
 &:= 1^0 + 2^6 + 5^1 + 5^3 + 6^1 = 10 + 26 + 51 + 53 + 61 \\
 &:= 1^0 + 2^7 + 3^1 + 5^1 + 8^2 = 10 + 27 + 31 + 51 + 82 \\
 &:= 1^0 + 2^7 + 4^1 + 4^1 + 8^2 = 10 + 27 + 41 + 41 + 82 \\
 &:= 1^0 + 2^7 + 4^3 + 5^0 + 7^1 = 10 + 27 + 43 + 50 + 71 \\
 &:= 1^1 + 1^1 + 1^6 + 2^1 + 14^2 = 11 + 11 + 16 + 21 + 142 \\
 &:= 1^1 + 1^2 + 1^5 + 2^1 + 14^2 = 11 + 12 + 15 + 21 + 142 \\
 &:= 1^1 + 1^3 + 1^4 + 2^1 + 14^2 = 11 + 13 + 14 + 21 + 142 \\
 &:= 1^1 + 1^3 + 5^2 + 5^3 + 7^2 = 11 + 13 + 52 + 53 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 1^2 + 1^4 + 2^1 + 14^2 = 12 + 12 + 14 + 21 + 142 \\
 &:= 1^2 + 1^2 + 5^2 + 5^3 + 7^2 = 12 + 12 + 52 + 53 + 72 \\
 &:= 1^2 + 1^3 + 1^3 + 2^1 + 14^2 = 12 + 13 + 13 + 21 + 142 \\
 &:= 1^2 + 2^2 + 4^3 + 5^3 + 7^1 = 12 + 22 + 43 + 53 + 71 \\
 &:= 1^2 + 2^3 + 3^1 + 5^3 + 8^2 = 12 + 23 + 31 + 53 + 82 \\
 &:= 1^3 + 2^1 + 3^2 + 5^3 + 8^2 = 13 + 21 + 32 + 53 + 82 \\
 &:= 1^7 + 2^6 + 2^7 + 6^0 + 7^1 = 17 + 26 + 27 + 60 + 71 \\
 &:= 2^0 + 2^7 + 4^0 + 4^3 + 7^1 = 20 + 27 + 40 + 43 + 71 \\
 &:= 2^1 + 3^4 + 3^4 + 5^0 + 6^2 = 21 + 34 + 34 + 50 + 62 \\
 &:= 2^2 + 2^2 + 2^2 + 5^3 + 8^2 = 22 + 22 + 22 + 53 + 82 \\
 &:= 2^3 + 2^6 + 2^6 + 2^6 + 10^0 = 23 + 26 + 26 + 26 + 100 \\
 &:= 2^7 + 3^0 + 3^0 + 4^3 + 7^1 = 27 + 30 + 30 + 43 + 71
 \end{aligned}$$

2.2.103 Number 202

$$\begin{aligned}
 202 &:= 1^8 + 2^0 + 2^2 + 14^2 = 18 + 20 + 22 + 142 \\
 &:= 1^9 + 1^9 + 2^2 + 14^2 = 19 + 19 + 22 + 142 \\
 &:= 2^4 + 2^6 + 4^0 + 11^2 = 24 + 26 + 40 + 112 \\
 &:= 2^7 + 3^2 + 4^3 + 10^0 = 27 + 32 + 43 + 100 \\
 &:= 1^0 + 2^3 + 2^7 + 6^0 + 8^2 = 10 + 23 + 27 + 60 + 82 \\
 &:= 1^1 + 2^7 + 4^0 + 4^3 + 8^1 = 11 + 27 + 40 + 43 + 81 \\
 &:= 1^1 + 2^7 + 4^0 + 6^2 + 6^2 = 11 + 27 + 40 + 62 + 62 \\
 &:= 1^6 + 2^3 + 2^6 + 2^7 + 11^0 = 16 + 23 + 26 + 27 + 110 \\
 &:= 1^6 + 2^4 + 2^5 + 2^5 + 11^2 = 16 + 24 + 25 + 25 + 112 \\
 &:= 1^6 + 2^6 + 2^6 + 4^3 + 9^1 = 16 + 26 + 26 + 43 + 91 \\
 &:= 1^8 + 2^3 + 2^3 + 2^6 + 11^2 = 18 + 23 + 23 + 26 + 112 \\
 &:= 1^8 + 2^6 + 2^7 + 5^0 + 8^1 = 18 + 26 + 27 + 50 + 81
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^3 + 2^7 + 4^3 + 9^0 = 19 + 23 + 27 + 43 + 90 \\
 &:= 1^9 + 2^6 + 3^2 + 4^3 + 8^2 = 19 + 26 + 32 + 43 + 82 \\
 &:= 2^0 + 2^2 + 2^4 + 3^4 + 10^2 = 20 + 22 + 24 + 34 + 102 \\
 &:= 2^0 + 2^2 + 2^6 + 5^3 + 8^1 = 20 + 22 + 26 + 53 + 81 \\
 &:= 2^0 + 2^2 + 2^7 + 5^1 + 8^2 = 20 + 22 + 27 + 51 + 82 \\
 &:= 2^0 + 2^3 + 2^7 + 5^0 + 8^2 = 20 + 23 + 27 + 50 + 82 \\
 &:= 2^1 + 2^7 + 4^0 + 4^3 + 7^1 = 21 + 27 + 40 + 43 + 71 \\
 &:= 2^3 + 2^7 + 3^0 + 4^0 + 8^2 = 23 + 27 + 30 + 40 + 82 \\
 &:= 2^6 + 3^1 + 3^2 + 5^3 + 6^0 = 26 + 31 + 32 + 53 + 60 \\
 &:= 2^7 + 3^1 + 4^0 + 4^3 + 6^1 = 27 + 31 + 40 + 43 + 61 \\
 &:= 2^7 + 4^0 + 4^1 + 4^3 + 5^1 = 27 + 40 + 41 + 43 + 51
 \end{aligned}$$

2.2.104 Number 203

$$\begin{aligned}
 203 &:= 1^6 + 2^5 + 3^0 + 13^2 = 16 + 25 + 30 + 132 \\
 &:= 1^8 + 2^1 + 2^2 + 14^2 = 18 + 21 + 22 + 142 \\
 &:= 2^4 + 2^4 + 3^3 + 12^2 = 24 + 24 + 33 + 122 \\
 &:= 1^0 + 1^0 + 1^9 + 2^2 + 14^2 = 10 + 10 + 19 + 22 + 142 \\
 &:= 1^0 + 1^1 + 1^8 + 2^2 + 14^2 = 10 + 11 + 18 + 22 + 142 \\
 &:= 1^0 + 1^2 + 1^7 + 2^2 + 14^2 = 10 + 12 + 17 + 22 + 142 \\
 &:= 1^0 + 1^3 + 1^6 + 2^2 + 14^2 = 10 + 13 + 16 + 22 + 142 \\
 &:= 1^0 + 1^3 + 2^4 + 2^4 + 13^2 = 10 + 13 + 24 + 24 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^3 + 2^6 + 4^2 + 11^2 = 10 + 13 + 26 + 42 + 112 \\
 &:= 1^0 + 1^4 + 1^5 + 2^2 + 14^2 = 10 + 14 + 15 + 22 + 142 \\
 &:= 1^0 + 1^4 + 2^4 + 4^3 + 11^2 = 10 + 14 + 24 + 43 + 112 \\
 &:= 1^0 + 2^3 + 2^6 + 3^2 + 11^2 = 10 + 23 + 26 + 32 + 112 \\
 &:= 1^0 + 2^5 + 3^4 + 5^2 + 8^2 = 10 + 25 + 34 + 52 + 82 \\
 &:= 1^0 + 2^6 + 4^3 + 5^2 + 7^2 = 10 + 26 + 43 + 52 + 72 \\
 &:= 1^1 + 1^1 + 1^7 + 2^2 + 14^2 = 11 + 11 + 17 + 22 + 142 \\
 &:= 1^1 + 1^2 + 1^6 + 2^2 + 14^2 = 11 + 12 + 16 + 22 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^2 + 2^4 + 2^4 + 13^2 = 11 + 12 + 24 + 24 + 132 \\
 &:= 1^1 + 1^2 + 2^6 + 4^2 + 11^2 = 11 + 12 + 26 + 42 + 112 \\
 &:= 1^1 + 1^3 + 1^5 + 2^2 + 14^2 = 11 + 13 + 15 + 22 + 142 \\
 &:= 1^1 + 1^3 + 2^4 + 4^3 + 11^2 = 11 + 13 + 24 + 43 + 112 \\
 &:= 1^1 + 1^4 + 1^4 + 2^2 + 14^2 = 11 + 14 + 14 + 22 + 142 \\
 &:= 1^1 + 2^2 + 2^6 + 5^3 + 9^1 = 11 + 22 + 26 + 53 + 91 \\
 &:= 1^1 + 2^2 + 2^7 + 6^1 + 8^2 = 11 + 22 + 27 + 61 + 82 \\
 &:= 1^1 + 2^4 + 2^6 + 3^0 + 11^2 = 11 + 24 + 26 + 30 + 112 \\
 &:= 1^1 + 2^7 + 3^2 + 4^3 + 9^0 = 11 + 27 + 32 + 43 + 90 \\
 &:= 1^2 + 1^2 + 1^5 + 2^2 + 14^2 = 12 + 12 + 15 + 22 + 142 \\
 &:= 1^2 + 1^2 + 2^4 + 4^3 + 11^2 = 12 + 12 + 24 + 43 + 112 \\
 &:= 1^2 + 1^3 + 1^4 + 2^2 + 14^2 = 12 + 13 + 14 + 22 + 142 \\
 &:= 1^2 + 2^4 + 5^2 + 5^3 + 6^2 = 12 + 24 + 52 + 53 + 62 \\
 &:= 1^2 + 2^7 + 3^0 + 4^3 + 9^1 = 12 + 27 + 30 + 43 + 91 \\
 &:= 1^2 + 2^7 + 3^2 + 5^0 + 8^2 = 12 + 27 + 32 + 50 + 82 \\
 &:= 1^3 + 1^3 + 1^3 + 2^2 + 14^2 = 13 + 13 + 13 + 22 + 142 \\
 &:= 1^3 + 3^3 + 5^2 + 5^2 + 5^3 = 13 + 33 + 52 + 52 + 53 \\
 &:= 1^4 + 2^2 + 3^2 + 5^3 + 8^2 = 14 + 22 + 32 + 53 + 82
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 3^0 + 3^3 + 5^3 + 7^2 = 15 + 30 + 33 + 53 + 72 \\
 &:= 1^8 + 2^6 + 2^7 + 3^2 + 10^0 = 18 + 26 + 27 + 32 + 100 \\
 &:= 1^9 + 2^6 + 2^7 + 4^0 + 9^1 = 19 + 26 + 27 + 40 + 91 \\
 &:= 2^1 + 2^2 + 2^4 + 3^4 + 10^2 = 21 + 22 + 24 + 34 + 102 \\
 &:= 2^1 + 2^2 + 2^6 + 5^3 + 8^1 = 21 + 22 + 26 + 53 + 81 \\
 &:= 2^1 + 2^2 + 2^7 + 5^1 + 8^2 = 21 + 22 + 27 + 51 + 82 \\
 &:= 2^1 + 2^3 + 2^7 + 5^0 + 8^2 = 21 + 23 + 27 + 50 + 82 \\
 &:= 2^2 + 2^4 + 3^2 + 5^3 + 7^2 = 22 + 24 + 32 + 53 + 72 \\
 &:= 2^2 + 2^6 + 3^1 + 5^3 + 7^1 = 22 + 26 + 31 + 53 + 71 \\
 &:= 2^2 + 2^6 + 3^2 + 5^3 + 7^0 = 22 + 26 + 32 + 53 + 70 \\
 &:= 2^2 + 2^6 + 4^1 + 5^3 + 6^1 = 22 + 26 + 41 + 53 + 61 \\
 &:= 2^2 + 2^6 + 5^1 + 5^1 + 5^3 = 22 + 26 + 51 + 51 + 53 \\
 &:= 2^2 + 2^7 + 3^1 + 4^1 + 8^2 = 22 + 27 + 31 + 41 + 82 \\
 &:= 2^2 + 2^7 + 4^3 + 5^0 + 6^1 = 22 + 27 + 43 + 50 + 61 \\
 &:= 2^3 + 2^6 + 5^0 + 5^1 + 5^3 = 23 + 26 + 50 + 51 + 53 \\
 &:= 2^7 + 3^0 + 3^2 + 4^2 + 7^2 = 27 + 30 + 32 + 42 + 72
 \end{aligned}$$

2.2.105 Number 204

$$\begin{aligned}
 204 &:= 1^8 + 3^4 + 4^0 + 11^2 = 18 + 34 + 40 + 112 \\
 &:= 2^6 + 2^7 + 4^0 + 11^1 = 26 + 27 + 40 + 111 \\
 &:= 1^0 + 1^7 + 2^0 + 2^5 + 13^2 = 10 + 17 + 20 + 25 + 132 \\
 &:= 1^0 + 1^8 + 1^9 + 2^5 + 13^2 = 10 + 18 + 19 + 25 + 132 \\
 &:= 1^0 + 2^6 + 2^7 + 4^0 + 10^1 = 10 + 26 + 27 + 40 + 101 \\
 &:= 1^1 + 1^6 + 2^0 + 2^5 + 13^2 = 11 + 16 + 20 + 25 + 132 \\
 &:= 1^1 + 1^7 + 1^9 + 2^5 + 13^2 = 11 + 17 + 19 + 25 + 132 \\
 &:= 1^1 + 1^8 + 1^8 + 2^5 + 13^2 = 11 + 18 + 18 + 25 + 132 \\
 &:= 1^2 + 1^5 + 2^0 + 2^5 + 13^2 = 12 + 15 + 20 + 25 + 132 \\
 &:= 1^2 + 1^6 + 1^9 + 2^5 + 13^2 = 12 + 16 + 19 + 25 + 132 \\
 &:= 1^2 + 1^7 + 1^8 + 2^5 + 13^2 = 12 + 17 + 18 + 25 + 132 \\
 &:= 1^3 + 1^4 + 2^0 + 2^5 + 13^2 = 13 + 14 + 20 + 25 + 132 \\
 &:= 1^3 + 1^5 + 1^9 + 2^5 + 13^2 = 13 + 15 + 19 + 25 + 132 \\
 &:= 1^3 + 1^6 + 1^8 + 2^5 + 13^2 = 13 + 16 + 18 + 25 + 132 \\
 &:= 1^3 + 1^7 + 1^7 + 2^5 + 13^2 = 13 + 17 + 17 + 25 + 132 \\
 &:= 1^3 + 2^0 + 2^7 + 4^3 + 10^1 = 13 + 20 + 27 + 43 + 101 \\
 &:= 1^3 + 2^7 + 4^0 + 5^2 + 7^2 = 13 + 27 + 40 + 52 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 1^4 + 1^9 + 2^5 + 13^2 = 14 + 14 + 19 + 25 + 132 \\
 &:= 1^4 + 1^5 + 1^8 + 2^5 + 13^2 = 14 + 15 + 18 + 25 + 132 \\
 &:= 1^4 + 1^6 + 1^7 + 2^5 + 13^2 = 14 + 16 + 17 + 25 + 132 \\
 &:= 1^4 + 1^9 + 2^7 + 4^3 + 10^1 = 14 + 19 + 27 + 43 + 101 \\
 &:= 1^5 + 1^5 + 1^7 + 2^5 + 13^2 = 15 + 15 + 17 + 25 + 132 \\
 &:= 1^5 + 1^6 + 1^6 + 2^5 + 13^2 = 15 + 16 + 16 + 25 + 132 \\
 &:= 1^5 + 1^8 + 2^7 + 4^3 + 10^1 = 15 + 18 + 27 + 43 + 101 \\
 &:= 1^5 + 2^6 + 2^6 + 2^6 + 11^1 = 15 + 26 + 26 + 26 + 111 \\
 &:= 1^6 + 1^7 + 2^7 + 4^3 + 10^1 = 16 + 17 + 27 + 43 + 101 \\
 &:= 1^6 + 2^5 + 2^5 + 2^7 + 11^1 = 16 + 25 + 25 + 27 + 111 \\
 &:= 1^9 + 2^5 + 2^7 + 6^2 + 7^1 = 19 + 25 + 27 + 62 + 71 \\
 &:= 2^0 + 2^5 + 3^4 + 3^4 + 9^1 = 20 + 25 + 34 + 34 + 91 \\
 &:= 2^0 + 2^6 + 2^7 + 3^0 + 10^1 = 20 + 26 + 27 + 30 + 101 \\
 &:= 2^3 + 2^7 + 3^1 + 4^3 + 8^0 = 23 + 27 + 31 + 43 + 80 \\
 &:= 2^4 + 3^4 + 3^4 + 5^2 + 6^0 = 24 + 34 + 34 + 52 + 60 \\
 &:= 2^6 + 3^2 + 3^4 + 4^0 + 7^2 = 26 + 32 + 34 + 40 + 72
 \end{aligned}$$

2.2.106 Number 205

$$\begin{aligned}
 205 &:= 2^3 + 4^0 + 14^2 &= 23 + 40 + 142 &:= 1^3 + 2^7 + 4^3 + 6^1 + 6^1 &= 13 + 27 + 43 + 61 + 61 \\
 &:= 1^4 + 2^7 + 4^3 + 12^1 &= 14 + 27 + 43 + 121 &:= 1^4 + 1^5 + 3^0 + 3^4 + 11^2 &= 14 + 15 + 30 + 34 + 112 \\
 &:= 1^7 + 2^3 + 3^3 + 13^2 &= 17 + 23 + 33 + 132 &:= 1^4 + 3^3 + 4^3 + 4^3 + 7^2 &= 14 + 33 + 43 + 43 + 72 \\
 &:= 1^7 + 2^5 + 3^1 + 13^2 &= 17 + 25 + 31 + 132 &:= 1^4 + 3^4 + 3^4 + 6^1 + 6^2 &= 14 + 34 + 34 + 61 + 62 \\
 &:= 1^9 + 2^2 + 2^2 + 14^2 &= 19 + 22 + 22 + 142 &:= 1^5 + 2^3 + 4^3 + 5^3 + 7^1 &= 15 + 23 + 43 + 53 + 71 \\
 &:= 2^5 + 2^7 + 6^2 + 9^1 &= 25 + 27 + 62 + 91 &:= 1^5 + 3^3 + 4^2 + 5^3 + 6^2 &= 15 + 33 + 42 + 53 + 62 \\
 &:= 1^0 + 1^4 + 2^7 + 4^3 + 11^1 &= 10 + 14 + 27 + 43 + 111 &:= 1^6 + 3^1 + 3^3 + 5^3 + 7^2 &= 16 + 31 + 33 + 53 + 72 \\
 &:= 1^0 + 1^5 + 2^5 + 3^3 + 12^2 &= 10 + 15 + 25 + 33 + 122 &:= 1^6 + 3^2 + 4^3 + 5^3 + 6^1 &= 16 + 32 + 43 + 53 + 61 \\
 &:= 1^0 + 1^7 + 2^1 + 2^5 + 13^2 &= 10 + 17 + 21 + 25 + 132 &:= 1^9 + 2^0 + 2^0 + 3^4 + 11^2 &= 19 + 20 + 20 + 34 + 112 \\
 &:= 1^0 + 1^9 + 3^0 + 3^4 + 11^2 &= 10 + 19 + 30 + 34 + 112 &:= 2^1 + 2^5 + 3^4 + 3^4 + 9^1 &= 21 + 25 + 34 + 34 + 91 \\
 &:= 1^0 + 2^5 + 2^7 + 6^2 + 8^1 &= 10 + 25 + 27 + 62 + 81 &:= 2^1 + 2^6 + 2^7 + 3^0 + 10^1 &= 21 + 26 + 27 + 30 + 101 \\
 &:= 1^1 + 1^3 + 2^7 + 4^3 + 11^1 &= 11 + 13 + 27 + 43 + 111 &:= 2^2 + 2^3 + 2^7 + 4^3 + 9^0 &= 22 + 23 + 27 + 43 + 90 \\
 &:= 1^1 + 1^4 + 2^5 + 3^3 + 12^2 &= 11 + 14 + 25 + 33 + 122 &:= 2^2 + 2^6 + 3^2 + 4^3 + 8^2 &= 22 + 26 + 32 + 43 + 82 \\
 &:= 1^1 + 1^6 + 2^1 + 2^5 + 13^2 &= 11 + 16 + 21 + 25 + 132 &:= 2^3 + 2^3 + 2^3 + 3^4 + 10^2 &= 23 + 23 + 23 + 34 + 102 \\
 &:= 1^1 + 1^8 + 3^0 + 3^4 + 11^2 &= 11 + 18 + 30 + 34 + 112 &:= 2^3 + 2^3 + 3^3 + 3^4 + 9^2 &= 23 + 23 + 33 + 34 + 92 \\
 &:= 1^1 + 2^5 + 3^4 + 3^4 + 10^1 &= 11 + 25 + 34 + 34 + 101 &:= 2^3 + 2^5 + 3^1 + 3^4 + 9^2 &= 23 + 25 + 31 + 34 + 92 \\
 &:= 1^1 + 2^6 + 2^7 + 3^0 + 11^1 &= 11 + 26 + 27 + 30 + 111 &:= 2^3 + 2^7 + 4^1 + 4^2 + 7^2 &= 23 + 27 + 41 + 42 + 72 \\
 &:= 1^2 + 1^2 + 2^7 + 4^3 + 11^1 &= 12 + 12 + 27 + 43 + 111 &:= 2^3 + 3^3 + 3^4 + 3^4 + 8^1 &= 23 + 33 + 34 + 34 + 81 \\
 &:= 1^2 + 1^3 + 2^5 + 3^3 + 12^2 &= 12 + 13 + 25 + 33 + 122 &:= 2^5 + 3^1 + 3^4 + 3^4 + 8^1 &= 25 + 31 + 34 + 34 + 81 \\
 &:= 1^2 + 1^5 + 2^1 + 2^5 + 13^2 &= 12 + 15 + 21 + 25 + 132 &:= 2^5 + 3^2 + 4^3 + 4^3 + 6^2 &= 25 + 32 + 43 + 43 + 62 \\
 &:= 1^2 + 1^7 + 3^0 + 3^4 + 11^2 &= 12 + 17 + 30 + 34 + 112 &:= 2^5 + 3^3 + 3^4 + 4^3 + 7^0 &= 25 + 33 + 34 + 43 + 70 \\
 &:= 1^2 + 2^3 + 2^5 + 4^3 + 10^2 &= 12 + 23 + 25 + 43 + 102 &:= 2^5 + 3^4 + 3^4 + 4^1 + 7^1 &= 25 + 34 + 34 + 41 + 71 \\
 &:= 1^2 + 2^4 + 2^6 + 3^1 + 11^2 &= 12 + 24 + 26 + 31 + 112 &:= 2^5 + 3^4 + 3^4 + 5^1 + 6^1 &= 25 + 34 + 34 + 51 + 61 \\
 &:= 1^2 + 2^5 + 3^3 + 4^3 + 9^2 &= 12 + 25 + 33 + 43 + 92 &:= 2^6 + 2^7 + 3^0 + 3^1 + 9^1 &= 26 + 27 + 30 + 31 + 91 \\
 &:= 1^3 + 1^4 + 2^1 + 2^5 + 13^2 &= 13 + 14 + 21 + 25 + 132 &:= 2^6 + 2^7 + 3^0 + 4^1 + 8^1 &= 26 + 27 + 30 + 41 + 81 \\
 &:= 1^3 + 1^6 + 3^0 + 3^4 + 11^2 &= 13 + 16 + 30 + 34 + 112 &:= 2^6 + 2^7 + 3^0 + 5^1 + 7^1 &= 26 + 27 + 30 + 51 + 71 \\
 &:= 1^3 + 2^1 + 2^7 + 4^3 + 10^1 &= 13 + 21 + 27 + 43 + 101 &:= 2^6 + 2^7 + 3^0 + 6^1 + 6^1 &= 26 + 27 + 30 + 61 + 61 \\
 &:= 1^3 + 2^7 + 3^1 + 4^3 + 9^1 &= 13 + 27 + 31 + 43 + 91 &:= 2^7 + 3^2 + 3^3 + 5^1 + 6^2 &= 27 + 32 + 33 + 51 + 62 \\
 &:= 1^3 + 2^7 + 4^1 + 4^3 + 8^1 &= 13 + 27 + 41 + 43 + 81 &:= 2^7 + 3^2 + 4^2 + 4^2 + 6^2 &= 27 + 32 + 42 + 42 + 62 \\
 &:= 1^3 + 2^7 + 4^1 + 6^2 + 6^2 &= 13 + 27 + 41 + 62 + 62 \\
 &:= 1^3 + 2^7 + 4^3 + 5^1 + 7^1 &= 13 + 27 + 43 + 51 + 71
 \end{aligned}$$

2.2.107 Number 206

$$\begin{aligned}
 206 &:= 1^2 + 6^2 + 13^2 &= 12 + 62 + 132 &:= 1^2 + 2^0 + 2^6 + 2^7 + 12^1 &= 12 + 20 + 26 + 27 + 121 \\
 &:= 1^1 + 2^3 + 3^0 + 14^2 &= 11 + 23 + 30 + 142 &:= 1^3 + 1^9 + 2^6 + 2^7 + 12^1 &= 13 + 19 + 26 + 27 + 121 \\
 &:= 1^0 + 1^0 + 2^2 + 2^2 + 14^2 &= 10 + 10 + 22 + 22 + 142 &:= 1^4 + 1^8 + 2^6 + 2^7 + 12^1 &= 14 + 18 + 26 + 27 + 121
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^7 + 3^3 + 6^0 + 7^2 = 14 + 27 + 33 + 60 + 72 \\ &:= 1^5 + 1^7 + 2^6 + 2^7 + 12^1 = 15 + 17 + 26 + 27 + 121 \\ &:= 1^6 + 1^6 + 2^6 + 2^7 + 12^1 = 16 + 16 + 26 + 27 + 121 \\ &:= 1^9 + 2^0 + 2^1 + 3^4 + 11^2 = 19 + 20 + 21 + 34 + 112 \end{aligned}$$

$$\begin{aligned} &:= 2^2 + 2^6 + 2^7 + 4^0 + 9^1 = 22 + 26 + 27 + 40 + 91 \\ &:= 2^5 + 2^7 + 3^2 + 6^0 + 6^2 = 25 + 27 + 32 + 60 + 62 \\ &:= 2^6 + 2^7 + 3^2 + 4^1 + 8^0 = 26 + 27 + 32 + 41 + 80 \end{aligned}$$

2.2.108 Number 207

$$\begin{aligned} 207 &:= 3^4 + 5^3 + 12^0 = 34 + 53 + 120 \\ &:= 1^3 + 2^0 + 3^2 + 14^2 = 13 + 20 + 32 + 142 \\ &:= 1^3 + 2^6 + 2^7 + 14^1 = 13 + 26 + 27 + 141 \\ &:= 1^4 + 1^9 + 3^2 + 14^2 = 14 + 19 + 32 + 142 \\ &:= 1^5 + 1^8 + 3^2 + 14^2 = 15 + 18 + 32 + 142 \\ &:= 1^6 + 1^7 + 3^2 + 14^2 = 16 + 17 + 32 + 142 \\ &:= 1^9 + 3^4 + 5^2 + 10^2 = 19 + 34 + 52 + 102 \\ &:= 2^0 + 3^4 + 4^1 + 11^2 = 20 + 34 + 41 + 112 \\ &:= 1^0 + 1^2 + 2^0 + 2^3 + 14^2 = 10 + 12 + 20 + 23 + 142 \\ &:= 1^0 + 1^3 + 1^9 + 2^3 + 14^2 = 10 + 13 + 19 + 23 + 142 \\ &:= 1^0 + 1^3 + 2^6 + 2^7 + 13^1 = 10 + 13 + 26 + 27 + 131 \\ &:= 1^0 + 1^4 + 1^8 + 2^3 + 14^2 = 10 + 14 + 18 + 23 + 142 \\ &:= 1^0 + 1^5 + 1^7 + 2^3 + 14^2 = 10 + 15 + 17 + 23 + 142 \\ &:= 1^0 + 1^6 + 1^6 + 2^3 + 14^2 = 10 + 16 + 16 + 23 + 142 \\ &:= 1^0 + 1^8 + 2^2 + 2^5 + 13^2 = 10 + 18 + 22 + 25 + 132 \\ &:= 1^0 + 2^0 + 3^1 + 3^4 + 11^2 = 10 + 20 + 31 + 34 + 112 \\ &:= 1^0 + 2^0 + 4^2 + 5^3 + 8^2 = 10 + 20 + 42 + 53 + 82 \\ &:= 1^1 + 1^1 + 2^0 + 2^3 + 14^2 = 11 + 11 + 20 + 23 + 142 \\ &:= 1^1 + 1^2 + 1^9 + 2^3 + 14^2 = 11 + 12 + 19 + 23 + 142 \\ &:= 1^1 + 1^2 + 2^6 + 2^7 + 13^1 = 11 + 12 + 26 + 27 + 131 \\ &:= 1^1 + 1^3 + 1^8 + 2^3 + 14^2 = 11 + 13 + 18 + 23 + 142 \\ &:= 1^1 + 1^4 + 1^7 + 2^3 + 14^2 = 11 + 14 + 17 + 23 + 142 \\ &:= 1^1 + 1^5 + 1^6 + 2^3 + 14^2 = 11 + 15 + 16 + 23 + 142 \\ &:= 1^1 + 1^7 + 2^2 + 2^5 + 13^2 = 11 + 17 + 22 + 25 + 132 \\ &:= 1^1 + 1^9 + 3^1 + 3^4 + 11^2 = 11 + 19 + 31 + 34 + 112 \\ &:= 1^1 + 1^9 + 4^2 + 5^3 + 8^2 = 11 + 19 + 42 + 53 + 82 \\ &:= 1^2 + 1^2 + 1^8 + 2^3 + 14^2 = 12 + 12 + 18 + 23 + 142 \\ &:= 1^2 + 1^3 + 1^7 + 2^3 + 14^2 = 12 + 13 + 17 + 23 + 142 \\ &:= 1^2 + 1^4 + 1^6 + 2^3 + 14^2 = 12 + 14 + 16 + 23 + 142 \\ &:= 1^2 + 1^5 + 1^5 + 2^3 + 14^2 = 12 + 15 + 15 + 23 + 142 \\ &:= 1^2 + 1^6 + 2^2 + 2^5 + 13^2 = 12 + 16 + 22 + 25 + 132 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^8 + 3^1 + 3^4 + 11^2 = 12 + 18 + 31 + 34 + 112 \\ &:= 1^2 + 1^8 + 4^2 + 5^3 + 8^2 = 12 + 18 + 42 + 53 + 82 \\ &:= 1^2 + 2^1 + 2^6 + 2^7 + 12^1 = 12 + 21 + 26 + 27 + 121 \\ &:= 1^2 + 2^6 + 2^7 + 3^1 + 11^1 = 12 + 26 + 27 + 31 + 111 \\ &:= 1^2 + 2^6 + 2^7 + 4^1 + 10^1 = 12 + 26 + 27 + 41 + 101 \\ &:= 1^2 + 2^6 + 2^7 + 5^1 + 9^1 = 12 + 26 + 27 + 51 + 91 \\ &:= 1^2 + 2^6 + 2^7 + 6^1 + 8^1 = 12 + 26 + 27 + 61 + 81 \\ &:= 1^2 + 2^6 + 2^7 + 7^1 + 7^1 = 12 + 26 + 27 + 71 + 71 \\ &:= 1^3 + 1^3 + 1^6 + 2^3 + 14^2 = 13 + 13 + 16 + 23 + 142 \\ &:= 1^3 + 1^4 + 1^5 + 2^3 + 14^2 = 13 + 14 + 15 + 23 + 142 \\ &:= 1^3 + 1^5 + 2^2 + 2^5 + 13^2 = 13 + 15 + 22 + 25 + 132 \\ &:= 1^3 + 1^7 + 3^1 + 3^4 + 11^2 = 13 + 17 + 31 + 34 + 112 \\ &:= 1^3 + 1^7 + 4^2 + 5^3 + 8^2 = 13 + 17 + 42 + 53 + 82 \\ &:= 1^4 + 1^4 + 1^4 + 2^3 + 14^2 = 14 + 14 + 14 + 23 + 142 \\ &:= 1^4 + 1^4 + 2^2 + 2^5 + 13^2 = 14 + 14 + 22 + 25 + 132 \\ &:= 1^4 + 1^6 + 3^1 + 3^4 + 11^2 = 14 + 16 + 31 + 34 + 112 \\ &:= 1^4 + 1^6 + 4^2 + 5^3 + 8^2 = 14 + 16 + 42 + 53 + 82 \\ &:= 1^4 + 2^2 + 2^7 + 4^3 + 10^1 = 14 + 22 + 27 + 43 + 101 \\ &:= 1^4 + 2^3 + 2^6 + 5^3 + 9^1 = 14 + 23 + 26 + 53 + 91 \\ &:= 1^4 + 2^3 + 2^7 + 6^1 + 8^2 = 14 + 23 + 27 + 61 + 82 \\ &:= 1^4 + 2^4 + 2^6 + 5^3 + 9^0 = 14 + 24 + 26 + 53 + 90 \\ &:= 1^5 + 1^5 + 3^1 + 3^4 + 11^2 = 15 + 15 + 31 + 34 + 112 \\ &:= 1^5 + 1^5 + 4^2 + 5^3 + 8^2 = 15 + 15 + 42 + 53 + 82 \\ &:= 1^5 + 2^4 + 3^2 + 3^4 + 10^2 = 15 + 24 + 32 + 34 + 102 \\ &:= 1^5 + 2^6 + 3^2 + 5^3 + 8^1 = 15 + 26 + 32 + 53 + 81 \\ &:= 1^5 + 2^7 + 3^2 + 5^1 + 8^2 = 15 + 27 + 32 + 51 + 82 \\ &:= 1^5 + 2^7 + 4^1 + 5^2 + 7^2 = 15 + 27 + 41 + 52 + 72 \\ &:= 1^6 + 2^4 + 4^2 + 5^3 + 7^2 = 16 + 24 + 42 + 53 + 72 \\ &:= 1^6 + 2^6 + 4^2 + 5^3 + 7^0 = 16 + 26 + 42 + 53 + 70 \\ &:= 1^6 + 3^4 + 4^3 + 5^2 + 6^2 = 16 + 34 + 43 + 52 + 62 \\ &:= 1^7 + 2^3 + 3^2 + 5^3 + 8^2 = 17 + 23 + 32 + 53 + 82 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^4 + 4^3 + 5^3 + 7^0 = 17 + 24 + 43 + 53 + 70 \\ &:= 1^8 + 2^4 + 3^0 + 5^3 + 8^2 = 18 + 24 + 30 + 53 + 82 \\ &:= 1^9 + 2^1 + 2^1 + 3^4 + 11^2 = 19 + 21 + 21 + 34 + 112 \\ &:= 1^9 + 4^2 + 4^3 + 5^0 + 5^3 = 19 + 42 + 43 + 50 + 53 \\ &:= 2^2 + 2^5 + 2^7 + 6^2 + 7^1 = 22 + 25 + 27 + 62 + 71 \\ &:= 2^3 + 2^3 + 2^6 + 3^3 + 10^2 = 23 + 23 + 26 + 33 + 102 \\ &:= 2^3 + 2^4 + 2^7 + 6^1 + 7^2 = 23 + 24 + 27 + 61 + 72 \end{aligned}$$

$$\begin{aligned} &:= 2^3 + 2^5 + 2^6 + 3^1 + 10^2 = 23 + 25 + 26 + 31 + 102 \\ &:= 2^3 + 2^6 + 2^7 + 6^1 + 7^0 = 23 + 26 + 27 + 61 + 70 \\ &:= 2^3 + 2^6 + 3^3 + 3^3 + 9^2 = 23 + 26 + 33 + 33 + 92 \\ &:= 2^5 + 2^6 + 3^1 + 3^3 + 9^2 = 25 + 26 + 31 + 33 + 92 \\ &:= 2^5 + 2^7 + 4^2 + 5^2 + 6^1 = 25 + 27 + 42 + 52 + 61 \\ &:= 2^6 + 3^3 + 3^3 + 3^4 + 8^1 = 26 + 33 + 33 + 34 + 81 \end{aligned}$$

2.2.109 Number 208

$$\begin{aligned} 208 &:= 1^1 + 3^4 + 5^1 + 11^2 = 11 + 34 + 51 + 112 \\ &:= 1^1 + 3^4 + 5^3 + 11^0 = 11 + 34 + 53 + 110 \\ &:= 1^2 + 2^3 + 3^1 + 14^2 = 12 + 23 + 31 + 142 \\ &:= 1^3 + 2^1 + 3^2 + 14^2 = 13 + 21 + 32 + 142 \\ &:= 1^3 + 5^0 + 5^3 + 9^2 = 13 + 50 + 53 + 92 \\ &:= 2^1 + 3^4 + 4^1 + 11^2 = 21 + 34 + 41 + 112 \\ &:= 2^2 + 2^2 + 2^2 + 14^2 = 22 + 22 + 22 + 142 \\ &:= 3^1 + 3^1 + 3^4 + 11^2 = 31 + 31 + 34 + 112 \\ &:= 3^1 + 4^2 + 5^3 + 8^2 = 31 + 42 + 53 + 82 \\ &:= 1^0 + 1^0 + 1^4 + 3^2 + 14^2 = 10 + 10 + 14 + 32 + 142 \\ &:= 1^0 + 1^0 + 3^4 + 5^2 + 10^2 = 10 + 10 + 34 + 52 + 102 \\ &:= 1^0 + 1^1 + 1^3 + 3^2 + 14^2 = 10 + 11 + 13 + 32 + 142 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^1 + 3^4 + 4^1 + 11^2 = 10 + 11 + 34 + 41 + 112 \\ &:= 1^0 + 1^2 + 1^2 + 3^2 + 14^2 = 10 + 12 + 12 + 32 + 142 \\ &:= 1^0 + 1^2 + 2^1 + 2^3 + 14^2 = 10 + 12 + 21 + 23 + 142 \\ &:= 1^0 + 2^1 + 3^1 + 3^4 + 11^2 = 10 + 21 + 31 + 34 + 112 \\ &:= 1^0 + 2^1 + 4^2 + 5^3 + 8^2 = 10 + 21 + 42 + 53 + 82 \\ &:= 1^0 + 2^2 + 3^0 + 3^4 + 11^2 = 10 + 22 + 30 + 34 + 112 \\ &:= 1^1 + 1^1 + 1^2 + 3^2 + 14^2 = 11 + 11 + 12 + 32 + 142 \\ &:= 1^1 + 1^1 + 2^1 + 2^3 + 14^2 = 11 + 11 + 21 + 23 + 142 \\ &:= 1^8 + 2^5 + 4^0 + 5^3 + 7^2 = 18 + 25 + 40 + 53 + 72 \\ &:= 2^0 + 2^0 + 2^2 + 3^4 + 11^2 = 20 + 20 + 22 + 34 + 112 \end{aligned}$$

2.2.110 Number 209

$$\begin{aligned} 209 &:= 3^3 + 3^4 + 4^0 + 10^2 = 33 + 34 + 40 + 102 \\ &:= 1^0 + 1^2 + 3^4 + 5^3 + 10^0 = 10 + 12 + 34 + 53 + 100 \\ &:= 1^0 + 1^4 + 4^0 + 5^3 + 9^2 = 10 + 14 + 40 + 53 + 92 \\ &:= 1^1 + 1^1 + 3^4 + 5^3 + 10^0 = 11 + 11 + 34 + 53 + 100 \\ &:= 1^1 + 1^3 + 4^0 + 5^3 + 9^2 = 11 + 13 + 40 + 53 + 92 \\ &:= 1^2 + 1^2 + 4^0 + 5^3 + 9^2 = 12 + 12 + 40 + 53 + 92 \\ &:= 1^2 + 2^0 + 3^4 + 5^3 + 9^0 = 12 + 20 + 34 + 53 + 90 \\ &:= 1^2 + 3^0 + 3^4 + 5^3 + 8^0 = 12 + 30 + 34 + 53 + 80 \\ &:= 1^2 + 3^4 + 4^0 + 5^3 + 7^0 = 12 + 34 + 40 + 53 + 70 \\ &:= 1^2 + 3^4 + 5^0 + 5^3 + 6^0 = 12 + 34 + 50 + 53 + 60 \\ &:= 1^3 + 1^9 + 3^4 + 5^3 + 9^0 = 13 + 19 + 34 + 53 + 90 \\ &:= 1^3 + 2^2 + 2^6 + 2^7 + 12^1 = 13 + 22 + 26 + 27 + 121 \\ &:= 1^4 + 1^8 + 3^4 + 5^3 + 9^0 = 14 + 18 + 34 + 53 + 90 \\ &:= 1^4 + 2^0 + 3^0 + 5^3 + 9^2 = 14 + 20 + 30 + 53 + 92 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^4 + 2^4 + 2^5 + 12^2 = 14 + 24 + 24 + 25 + 122 \\ &:= 1^5 + 1^7 + 3^4 + 5^3 + 9^0 = 15 + 17 + 34 + 53 + 90 \\ &:= 1^5 + 1^9 + 3^0 + 5^3 + 9^2 = 15 + 19 + 30 + 53 + 92 \\ &:= 1^6 + 1^6 + 3^4 + 5^3 + 9^0 = 16 + 16 + 34 + 53 + 90 \\ &:= 1^6 + 1^8 + 3^0 + 5^3 + 9^2 = 16 + 18 + 30 + 53 + 92 \\ &:= 1^6 + 2^6 + 4^2 + 4^3 + 8^2 = 16 + 26 + 42 + 43 + 82 \\ &:= 1^7 + 1^7 + 3^0 + 5^3 + 9^2 = 17 + 17 + 30 + 53 + 92 \\ &:= 1^7 + 2^4 + 4^3 + 4^3 + 8^2 = 17 + 24 + 43 + 43 + 82 \\ &:= 1^9 + 2^4 + 3^1 + 5^3 + 8^2 = 19 + 24 + 31 + 53 + 82 \\ &:= 2^0 + 2^1 + 2^2 + 3^4 + 11^2 = 20 + 21 + 22 + 34 + 112 \\ &:= 2^3 + 2^3 + 2^6 + 2^7 + 11^0 = 23 + 23 + 26 + 27 + 110 \\ &:= 2^3 + 2^4 + 2^5 + 2^5 + 11^2 = 23 + 24 + 25 + 25 + 112 \\ &:= 2^3 + 2^6 + 2^6 + 4^3 + 9^1 = 23 + 26 + 26 + 43 + 91 \\ &:= 2^4 + 2^5 + 2^6 + 4^2 + 9^2 = 24 + 25 + 26 + 42 + 92 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 2^5 + 2^7 + 5^2 + 8^1 = 24 + 25 + 27 + 52 + 81 \\ &:= 2^4 + 2^6 + 2^6 + 4^3 + 9^0 = 24 + 26 + 26 + 43 + 90 \\ &:= 2^5 + 2^5 + 2^7 + 4^2 + 9^0 = 25 + 25 + 27 + 42 + 90 \end{aligned}$$

$$:= 3^1 + 4^0 + 4^2 + 4^3 + 5^3 = 31 + 40 + 42 + 43 + 53$$

2.2.111 Number 210

$$\begin{aligned} 210 &:= 1^0 + 2^6 + 8^2 + 9^2 = 10 + 26 + 82 + 92 \\ &:= 1^2 + 2^6 + 5^0 + 12^2 = 12 + 26 + 50 + 122 \\ &:= 1^2 + 3^4 + 8^2 + 8^2 = 12 + 34 + 82 + 82 \\ &:= 1^4 + 2^2 + 3^2 + 14^2 = 14 + 22 + 32 + 142 \\ &:= 1^5 + 3^0 + 4^3 + 12^2 = 15 + 30 + 43 + 122 \\ &:= 2^2 + 3^4 + 5^2 + 10^2 = 22 + 34 + 52 + 102 \\ &:= 2^3 + 2^5 + 3^0 + 13^2 = 23 + 25 + 30 + 132 \\ &:= 2^4 + 5^1 + 5^3 + 8^2 = 24 + 51 + 53 + 82 \\ &:= 3^4 + 4^3 + 4^3 + 9^0 = 34 + 43 + 43 + 90 \\ &:= 1^0 + 1^3 + 2^2 + 2^3 + 14^2 = 10 + 13 + 22 + 23 + 142 \\ &:= 1^0 + 2^4 + 4^1 + 5^3 + 8^2 = 10 + 24 + 41 + 53 + 82 \\ &:= 1^1 + 1^2 + 2^2 + 2^3 + 14^2 = 11 + 12 + 22 + 23 + 142 \\ &:= 1^1 + 2^2 + 3^1 + 3^4 + 11^2 = 11 + 22 + 31 + 34 + 112 \\ &:= 1^1 + 2^2 + 4^2 + 5^3 + 8^2 = 11 + 22 + 42 + 53 + 82 \\ &:= 1^1 + 3^0 + 3^3 + 3^4 + 10^2 = 11 + 30 + 33 + 34 + 102 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^1 + 3^4 + 5^3 + 9^0 = 12 + 21 + 34 + 53 + 90 \\ &:= 1^3 + 2^4 + 2^6 + 2^7 + 12^0 = 13 + 24 + 26 + 27 + 120 \\ &:= 1^4 + 2^1 + 3^0 + 5^3 + 9^2 = 14 + 21 + 30 + 53 + 92 \\ &:= 1^5 + 2^6 + 2^7 + 4^2 + 10^0 = 15 + 26 + 27 + 42 + 100 \\ &:= 1^6 + 2^4 + 2^7 + 4^3 + 10^0 = 16 + 24 + 27 + 43 + 100 \\ &:= 1^7 + 2^4 + 2^7 + 6^0 + 8^2 = 17 + 24 + 27 + 60 + 82 \\ &:= 1^8 + 2^0 + 2^5 + 2^5 + 12^2 = 18 + 20 + 25 + 25 + 122 \\ &:= 1^8 + 2^7 + 4^2 + 4^3 + 8^0 = 18 + 27 + 42 + 43 + 80 \\ &:= 1^9 + 1^9 + 2^5 + 2^5 + 12^2 = 19 + 19 + 25 + 25 + 122 \\ &:= 1^9 + 2^7 + 4^0 + 4^2 + 8^2 = 19 + 27 + 40 + 42 + 82 \\ &:= 2^1 + 2^1 + 2^2 + 3^4 + 11^2 = 21 + 21 + 22 + 34 + 112 \\ &:= 2^2 + 4^2 + 4^3 + 5^0 + 5^3 = 22 + 42 + 43 + 50 + 53 \\ &:= 2^5 + 2^5 + 2^6 + 3^4 + 10^0 = 25 + 25 + 26 + 34 + 100 \end{aligned}$$

2.2.112 Number 211

$$\begin{aligned} 211 &:= 1^0 + 2^7 + 3^4 + 14^0 = 10 + 27 + 34 + 140 \\ &:= 1^2 + 2^7 + 8^0 + 9^2 = 12 + 27 + 80 + 92 \\ &:= 2^0 + 2^7 + 3^4 + 13^0 = 20 + 27 + 34 + 130 \\ &:= 2^7 + 3^0 + 3^4 + 12^0 = 27 + 30 + 34 + 120 \\ &:= 2^7 + 3^4 + 4^0 + 11^0 = 27 + 34 + 40 + 110 \\ &:= 2^7 + 3^4 + 5^0 + 10^0 = 27 + 34 + 50 + 100 \\ &:= 2^7 + 3^4 + 6^0 + 9^0 = 27 + 34 + 60 + 90 \\ &:= 2^7 + 3^4 + 7^0 + 8^0 = 27 + 34 + 70 + 80 \\ &:= 1^0 + 1^3 + 2^6 + 4^0 + 12^2 = 10 + 13 + 26 + 40 + 122 \\ &:= 1^0 + 1^6 + 2^0 + 4^3 + 12^2 = 10 + 16 + 20 + 43 + 122 \\ &:= 1^0 + 1^7 + 1^9 + 4^3 + 12^2 = 10 + 17 + 19 + 43 + 122 \\ &:= 1^0 + 1^8 + 1^8 + 4^3 + 12^2 = 10 + 18 + 18 + 43 + 122 \\ &:= 1^0 + 2^6 + 4^0 + 4^3 + 9^2 = 10 + 26 + 40 + 43 + 92 \\ &:= 1^1 + 1^2 + 2^6 + 4^0 + 12^2 = 11 + 12 + 26 + 40 + 122 \\ &:= 1^1 + 1^5 + 2^0 + 4^3 + 12^2 = 11 + 15 + 20 + 43 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^6 + 1^9 + 4^3 + 12^2 = 11 + 16 + 19 + 43 + 122 \\ &:= 1^1 + 1^7 + 1^8 + 4^3 + 12^2 = 11 + 17 + 18 + 43 + 122 \\ &:= 1^1 + 2^0 + 2^3 + 2^5 + 13^2 = 11 + 20 + 23 + 25 + 132 \\ &:= 1^1 + 3^4 + 4^3 + 4^3 + 8^0 = 11 + 34 + 43 + 43 + 80 \\ &:= 1^2 + 1^4 + 2^0 + 4^3 + 12^2 = 12 + 14 + 20 + 43 + 122 \\ &:= 1^2 + 1^5 + 1^9 + 4^3 + 12^2 = 12 + 15 + 19 + 43 + 122 \\ &:= 1^2 + 1^6 + 1^8 + 4^3 + 12^2 = 12 + 16 + 18 + 43 + 122 \\ &:= 1^2 + 1^7 + 1^7 + 4^3 + 12^2 = 12 + 17 + 17 + 43 + 122 \\ &:= 1^2 + 1^9 + 2^3 + 2^5 + 13^2 = 12 + 19 + 23 + 25 + 132 \\ &:= 1^2 + 3^4 + 4^0 + 4^3 + 8^2 = 12 + 34 + 40 + 43 + 82 \\ &:= 1^3 + 1^3 + 2^0 + 4^3 + 12^2 = 13 + 13 + 20 + 43 + 122 \\ &:= 1^3 + 1^4 + 1^9 + 4^3 + 12^2 = 13 + 14 + 19 + 43 + 122 \\ &:= 1^3 + 1^5 + 1^8 + 4^3 + 12^2 = 13 + 15 + 18 + 43 + 122 \\ &:= 1^3 + 1^6 + 1^7 + 4^3 + 12^2 = 13 + 16 + 17 + 43 + 122 \\ &:= 1^3 + 1^8 + 2^3 + 2^5 + 13^2 = 13 + 18 + 23 + 25 + 132 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 2^0 + 2^6 + 3^0 + 12^2 = 13 + 20 + 26 + 30 + 122 \\
 &:= 1^3 + 2^0 + 4^3 + 4^3 + 9^2 = 13 + 20 + 43 + 43 + 92 \\
 &:= 1^3 + 3^1 + 3^4 + 5^3 + 8^0 = 13 + 31 + 34 + 53 + 80 \\
 &:= 1^4 + 1^4 + 1^8 + 4^3 + 12^2 = 14 + 14 + 18 + 43 + 122 \\
 &:= 1^4 + 1^5 + 1^7 + 4^3 + 12^2 = 14 + 15 + 17 + 43 + 122 \\
 &:= 1^4 + 1^6 + 1^6 + 4^3 + 12^2 = 14 + 16 + 16 + 43 + 122 \\
 &:= 1^4 + 1^7 + 2^3 + 2^5 + 13^2 = 14 + 17 + 23 + 25 + 132 \\
 &:= 1^4 + 1^9 + 2^6 + 3^0 + 12^2 = 14 + 19 + 26 + 30 + 122 \\
 &:= 1^4 + 1^9 + 4^3 + 4^3 + 9^2 = 14 + 19 + 43 + 43 + 92 \\
 &:= 1^5 + 1^5 + 1^6 + 4^3 + 12^2 = 15 + 15 + 16 + 43 + 122 \\
 &:= 1^5 + 1^6 + 2^3 + 2^5 + 13^2 = 15 + 16 + 23 + 25 + 132 \\
 &:= 1^5 + 1^8 + 2^6 + 3^0 + 12^2 = 15 + 18 + 26 + 30 + 122 \\
 &:= 1^5 + 1^8 + 4^3 + 4^3 + 9^2 = 15 + 18 + 43 + 43 + 92 \\
 &:= 1^5 + 2^0 + 3^1 + 5^3 + 9^2 = 15 + 20 + 31 + 53 + 92 \\
 &:= 1^5 + 2^6 + 2^6 + 3^4 + 11^0 = 15 + 26 + 26 + 34 + 110 \\
 &:= 1^6 + 1^7 + 2^6 + 3^0 + 12^2 = 16 + 17 + 26 + 30 + 122 \\
 &:= 1^6 + 1^7 + 4^3 + 4^3 + 9^2 = 16 + 17 + 43 + 43 + 92 \\
 &:= 1^6 + 1^9 + 3^1 + 5^3 + 9^2 = 16 + 19 + 31 + 53 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 1^8 + 3^1 + 5^3 + 9^2 = 17 + 18 + 31 + 53 + 92 \\
 &:= 1^7 + 2^3 + 2^7 + 4^3 + 10^1 = 17 + 23 + 27 + 43 + 101 \\
 &:= 1^7 + 2^4 + 2^6 + 3^2 + 11^2 = 17 + 24 + 26 + 32 + 112 \\
 &:= 1^7 + 2^5 + 2^7 + 7^0 + 7^2 = 17 + 25 + 27 + 70 + 72 \\
 &:= 1^7 + 2^6 + 2^6 + 5^0 + 9^2 = 17 + 26 + 26 + 50 + 92 \\
 &:= 1^8 + 2^1 + 2^5 + 2^5 + 12^2 = 18 + 21 + 25 + 25 + 122 \\
 &:= 1^8 + 2^5 + 3^4 + 4^2 + 9^2 = 18 + 25 + 34 + 42 + 92 \\
 &:= 1^8 + 2^6 + 3^4 + 4^3 + 9^0 = 18 + 26 + 34 + 43 + 90 \\
 &:= 1^8 + 2^7 + 3^2 + 4^3 + 9^1 = 18 + 27 + 32 + 43 + 91 \\
 &:= 1^8 + 2^7 + 3^3 + 6^1 + 7^2 = 18 + 27 + 33 + 61 + 72 \\
 &:= 1^9 + 2^6 + 3^4 + 5^0 + 8^2 = 19 + 26 + 34 + 50 + 82 \\
 &:= 2^0 + 2^5 + 4^1 + 5^3 + 7^2 = 20 + 25 + 41 + 53 + 72 \\
 &:= 2^0 + 2^6 + 3^0 + 4^3 + 9^2 = 20 + 26 + 30 + 43 + 92 \\
 &:= 2^0 + 3^4 + 4^2 + 4^3 + 7^2 = 20 + 34 + 42 + 43 + 72 \\
 &:= 2^3 + 2^5 + 2^5 + 2^7 + 11^1 = 23 + 25 + 25 + 27 + 111 \\
 &:= 2^4 + 4^0 + 4^3 + 5^1 + 5^3 = 24 + 40 + 43 + 51 + 53 \\
 &:= 2^6 + 2^6 + 2^6 + 3^2 + 10^1 = 26 + 26 + 26 + 32 + 101
 \end{aligned}$$

2.2.113 Number 212

$$\begin{aligned}
 212 &:= 1^4 + 3^4 + 7^2 + 9^2 = 14 + 34 + 72 + 92 \\
 &:= 1^6 + 3^1 + 4^3 + 12^2 = 16 + 31 + 43 + 122 \\
 &:= 1^6 + 5^1 + 5^3 + 9^2 = 16 + 51 + 53 + 92 \\
 &:= 2^1 + 2^7 + 3^4 + 13^0 = 21 + 27 + 34 + 130 \\
 &:= 2^5 + 3^2 + 3^3 + 12^2 = 25 + 32 + 33 + 122 \\
 &:= 2^5 + 4^2 + 4^3 + 10^2 = 25 + 42 + 43 + 102 \\
 &:= 1^0 + 1^1 + 2^7 + 3^4 + 13^0 = 10 + 11 + 27 + 34 + 130 \\
 &:= 1^0 + 1^2 + 2^6 + 5^2 + 11^2 = 10 + 12 + 26 + 52 + 112 \\
 &:= 1^0 + 1^3 + 2^5 + 3^2 + 13^2 = 10 + 13 + 25 + 32 + 132 \\
 &:= 1^0 + 1^3 + 2^7 + 7^0 + 9^2 = 10 + 13 + 27 + 70 + 92 \\
 &:= 1^0 + 1^5 + 5^3 + 6^2 + 7^2 = 10 + 15 + 53 + 62 + 72 \\
 &:= 1^0 + 1^6 + 2^1 + 4^3 + 12^2 = 10 + 16 + 21 + 43 + 122 \\
 &:= 1^0 + 1^6 + 4^1 + 5^3 + 9^2 = 10 + 16 + 41 + 53 + 92 \\
 &:= 1^1 + 1^1 + 2^6 + 5^2 + 11^2 = 11 + 11 + 26 + 52 + 112 \\
 &:= 1^1 + 1^2 + 2^5 + 3^2 + 13^2 = 11 + 12 + 25 + 32 + 132 \\
 &:= 1^1 + 1^2 + 2^7 + 7^0 + 9^2 = 11 + 12 + 27 + 70 + 92 \\
 &:= 1^1 + 1^4 + 5^3 + 6^2 + 7^2 = 11 + 14 + 53 + 62 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^5 + 2^1 + 4^3 + 12^2 = 11 + 15 + 21 + 43 + 122 \\
 &:= 1^1 + 1^5 + 4^1 + 5^3 + 9^2 = 11 + 15 + 41 + 53 + 92 \\
 &:= 1^1 + 2^0 + 2^7 + 3^4 + 12^0 = 11 + 20 + 27 + 34 + 120 \\
 &:= 1^1 + 2^1 + 2^3 + 2^5 + 13^2 = 11 + 21 + 23 + 25 + 132 \\
 &:= 1^1 + 2^5 + 5^1 + 5^3 + 7^2 = 11 + 25 + 51 + 53 + 72 \\
 &:= 1^1 + 2^7 + 3^0 + 3^4 + 11^0 = 11 + 27 + 30 + 34 + 110 \\
 &:= 1^1 + 2^7 + 3^4 + 4^0 + 10^0 = 11 + 27 + 34 + 40 + 100 \\
 &:= 1^1 + 2^7 + 3^4 + 5^0 + 9^0 = 11 + 27 + 34 + 50 + 90 \\
 &:= 1^1 + 2^7 + 3^4 + 6^0 + 8^0 = 11 + 27 + 34 + 60 + 80 \\
 &:= 1^1 + 2^7 + 3^4 + 7^0 + 7^0 = 11 + 27 + 34 + 70 + 70 \\
 &:= 1^2 + 1^3 + 5^3 + 6^2 + 7^2 = 12 + 13 + 53 + 62 + 72 \\
 &:= 1^2 + 1^4 + 2^1 + 4^3 + 12^2 = 12 + 14 + 21 + 43 + 122 \\
 &:= 1^2 + 1^4 + 4^1 + 5^3 + 9^2 = 12 + 14 + 41 + 53 + 92 \\
 &:= 1^2 + 1^9 + 2^7 + 3^4 + 12^0 = 12 + 19 + 27 + 34 + 120 \\
 &:= 1^2 + 3^1 + 3^3 + 3^4 + 10^2 = 12 + 31 + 33 + 34 + 102 \\
 &:= 1^3 + 1^3 + 2^1 + 4^3 + 12^2 = 13 + 13 + 21 + 43 + 122 \\
 &:= 1^3 + 1^3 + 4^1 + 5^3 + 9^2 = 13 + 13 + 41 + 53 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^8 + 2^7 + 3^4 + 12^0 = 13 + 18 + 27 + 34 + 120 \\
 &:= 1^3 + 2^0 + 2^7 + 6^0 + 9^2 = 13 + 20 + 27 + 60 + 92 \\
 &:= 1^3 + 2^1 + 2^6 + 3^0 + 12^2 = 13 + 21 + 26 + 30 + 122 \\
 &:= 1^3 + 2^1 + 4^3 + 4^3 + 9^2 = 13 + 21 + 43 + 43 + 92 \\
 &:= 1^3 + 2^2 + 3^4 + 5^3 + 9^0 = 13 + 22 + 34 + 53 + 90 \\
 &:= 1^3 + 2^3 + 3^0 + 3^4 + 11^2 = 13 + 23 + 30 + 34 + 112 \\
 &:= 1^3 + 2^7 + 3^0 + 5^0 + 9^2 = 13 + 27 + 30 + 50 + 92 \\
 &:= 1^3 + 2^7 + 4^0 + 4^0 + 9^2 = 13 + 27 + 40 + 40 + 92 \\
 &:= 1^3 + 4^2 + 4^3 + 5^3 + 6^1 = 13 + 42 + 43 + 53 + 61 \\
 &:= 1^4 + 1^7 + 2^7 + 3^4 + 12^0 = 14 + 17 + 27 + 34 + 120 \\
 &:= 1^4 + 1^9 + 2^7 + 6^0 + 9^2 = 14 + 19 + 27 + 60 + 92 \\
 &:= 1^4 + 3^4 + 4^1 + 5^3 + 7^0 = 14 + 34 + 41 + 53 + 70 \\
 &:= 1^5 + 1^6 + 2^7 + 3^4 + 12^0 = 15 + 16 + 27 + 34 + 120 \\
 &:= 1^5 + 1^8 + 2^7 + 6^0 + 9^2 = 15 + 18 + 27 + 60 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 2^1 + 3^1 + 5^3 + 9^2 = 15 + 21 + 31 + 53 + 92 \\
 &:= 1^5 + 2^2 + 3^0 + 5^3 + 9^2 = 15 + 22 + 30 + 53 + 92 \\
 &:= 1^6 + 1^7 + 2^7 + 6^0 + 9^2 = 16 + 17 + 27 + 60 + 92 \\
 &:= 2^1 + 2^5 + 4^1 + 5^3 + 7^2 = 21 + 25 + 41 + 53 + 72 \\
 &:= 2^1 + 2^6 + 3^0 + 4^3 + 9^2 = 21 + 26 + 30 + 43 + 92 \\
 &:= 2^1 + 3^4 + 4^2 + 4^3 + 7^2 = 21 + 34 + 42 + 43 + 72 \\
 &:= 2^2 + 2^4 + 3^1 + 5^3 + 8^2 = 22 + 24 + 31 + 53 + 82 \\
 &:= 2^3 + 3^1 + 3^3 + 5^3 + 7^2 = 23 + 31 + 33 + 53 + 72 \\
 &:= 2^3 + 3^2 + 4^3 + 5^3 + 6^1 = 23 + 32 + 43 + 53 + 61 \\
 &:= 2^5 + 3^1 + 3^1 + 5^3 + 7^2 = 25 + 31 + 31 + 53 + 72 \\
 &:= 2^6 + 3^0 + 4^2 + 5^3 + 6^1 = 26 + 30 + 42 + 53 + 61 \\
 &:= 2^7 + 3^0 + 3^1 + 4^2 + 8^2 = 27 + 30 + 31 + 42 + 82 \\
 &:= 4^1 + 4^2 + 4^3 + 4^3 + 4^3 = 41 + 42 + 43 + 43 + 43
 \end{aligned}$$

2.2.114 Number 213

$$\begin{aligned}
 \mathbf{213} &:= 1^1 + 2^1 + 2^7 + 3^4 + 12^0 = 11 + 21 + 27 + 34 + 120 \\
 &:= 1^3 + 2^1 + 2^7 + 6^0 + 9^2 = 13 + 21 + 27 + 60 + 92 \\
 &:= 1^3 + 3^4 + 3^4 + 6^0 + 7^2 = 13 + 34 + 34 + 60 + 72 \\
 &:= 1^4 + 2^0 + 2^6 + 3^1 + 12^2 = 14 + 20 + 26 + 31 + 122 \\
 &:= 1^5 + 1^9 + 2^6 + 3^1 + 12^2 = 15 + 19 + 26 + 31 + 122 \\
 &:= 1^5 + 2^0 + 3^2 + 3^4 + 11^2 = 15 + 20 + 32 + 34 + 112 \\
 &:= 1^5 + 3^4 + 5^1 + 5^3 + 6^0 = 15 + 34 + 51 + 53 + 60 \\
 &:= 1^6 + 1^8 + 2^6 + 3^1 + 12^2 = 16 + 18 + 26 + 31 + 122 \\
 &:= 1^6 + 1^9 + 3^2 + 3^4 + 11^2 = 16 + 19 + 32 + 34 + 112 \\
 &:= 1^6 + 2^3 + 2^6 + 2^7 + 12^1 = 16 + 23 + 26 + 27 + 121 \\
 &:= 1^7 + 1^7 + 2^6 + 3^1 + 12^2 = 17 + 17 + 26 + 31 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 1^8 + 3^2 + 3^4 + 11^2 = 17 + 18 + 32 + 34 + 112 \\
 &:= 1^7 + 2^6 + 2^7 + 3^2 + 11^1 = 17 + 26 + 27 + 32 + 111 \\
 &:= 1^8 + 2^5 + 2^5 + 3^3 + 11^2 = 18 + 25 + 25 + 33 + 112 \\
 &:= 1^8 + 2^5 + 2^6 + 4^2 + 10^2 = 18 + 25 + 26 + 42 + 102 \\
 &:= 1^9 + 2^2 + 2^5 + 2^5 + 12^2 = 19 + 22 + 25 + 25 + 122 \\
 &:= 1^9 + 2^4 + 2^5 + 4^3 + 10^2 = 19 + 24 + 25 + 43 + 102 \\
 &:= 2^2 + 2^7 + 4^0 + 4^2 + 8^2 = 22 + 27 + 40 + 42 + 82 \\
 &:= 2^6 + 3^1 + 3^4 + 4^0 + 8^2 = 26 + 31 + 34 + 40 + 82 \\
 &:= 2^7 + 4^1 + 4^2 + 4^3 + 6^0 = 27 + 41 + 42 + 43 + 60
 \end{aligned}$$

2.2.115 Number 214

$$\begin{aligned}
 \mathbf{214} &:= 1^0 + 2^0 + 4^2 + 14^2 = 10 + 20 + 42 + 142 \\
 &:= 1^1 + 1^9 + 4^2 + 14^2 = 11 + 19 + 42 + 142 \\
 &:= 1^2 + 1^8 + 4^2 + 14^2 = 12 + 18 + 42 + 142 \\
 &:= 1^3 + 1^7 + 4^2 + 14^2 = 13 + 17 + 42 + 142 \\
 &:= 1^4 + 1^6 + 4^2 + 14^2 = 14 + 16 + 42 + 142 \\
 &:= 1^4 + 2^6 + 7^2 + 10^2 = 14 + 26 + 72 + 102 \\
 &:= 1^5 + 1^5 + 4^2 + 14^2 = 15 + 15 + 42 + 142 \\
 &:= 1^5 + 2^6 + 5^1 + 12^2 = 15 + 26 + 51 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^3 + 3^2 + 14^2 = 17 + 23 + 32 + 142 \\
 &:= 1^8 + 2^4 + 3^0 + 14^2 = 18 + 24 + 30 + 142 \\
 &:= 1^0 + 1^5 + 2^4 + 3^3 + 13^2 = 10 + 15 + 24 + 33 + 132 \\
 &:= 1^0 + 1^5 + 2^6 + 4^1 + 12^2 = 10 + 15 + 26 + 41 + 122 \\
 &:= 1^0 + 1^6 + 2^3 + 2^3 + 14^2 = 10 + 16 + 23 + 23 + 142 \\
 &:= 1^0 + 1^6 + 3^3 + 4^3 + 11^2 = 10 + 16 + 33 + 43 + 112 \\
 &:= 1^0 + 1^7 + 2^2 + 4^3 + 12^2 = 10 + 17 + 22 + 43 + 122 \\
 &:= 1^1 + 1^4 + 2^4 + 3^3 + 13^2 = 11 + 14 + 24 + 33 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^4 + 2^6 + 4^1 + 12^2 = 11 + 14 + 26 + 41 + 122 \\
 &:= 1^1 + 1^5 + 2^3 + 2^3 + 14^2 = 11 + 15 + 23 + 23 + 142 \\
 &:= 1^1 + 1^5 + 3^3 + 4^3 + 11^2 = 11 + 15 + 33 + 43 + 112 \\
 &:= 1^1 + 1^6 + 2^2 + 4^3 + 12^2 = 11 + 16 + 22 + 43 + 122 \\
 &:= 1^1 + 2^5 + 3^4 + 6^2 + 8^2 = 11 + 25 + 34 + 62 + 82 \\
 &:= 1^1 + 2^6 + 4^3 + 6^2 + 7^2 = 11 + 26 + 43 + 62 + 72 \\
 &:= 1^2 + 1^3 + 2^4 + 3^3 + 13^2 = 12 + 13 + 24 + 33 + 132 \\
 &:= 1^2 + 1^3 + 2^6 + 4^1 + 12^2 = 12 + 13 + 26 + 41 + 122 \\
 &:= 1^2 + 1^4 + 2^3 + 2^3 + 14^2 = 12 + 14 + 23 + 23 + 142 \\
 &:= 1^2 + 1^4 + 3^3 + 4^3 + 11^2 = 12 + 14 + 33 + 43 + 112 \\
 &:= 1^2 + 1^5 + 2^2 + 4^3 + 12^2 = 12 + 15 + 22 + 43 + 122 \\
 &:= 1^2 + 2^2 + 2^3 + 2^5 + 13^2 = 12 + 22 + 23 + 25 + 132 \\
 &:= 1^2 + 2^4 + 3^4 + 4^2 + 10^2 = 12 + 24 + 34 + 42 + 102 \\
 &:= 1^2 + 2^6 + 4^1 + 4^3 + 9^2 = 12 + 26 + 41 + 43 + 92 \\
 &:= 1^2 + 2^6 + 4^2 + 5^3 + 8^1 = 12 + 26 + 42 + 53 + 81 \\
 &:= 1^2 + 2^7 + 3^1 + 3^4 + 11^0 = 12 + 27 + 31 + 34 + 110 \\
 &:= 1^2 + 2^7 + 4^2 + 5^1 + 8^2 = 12 + 27 + 42 + 51 + 82 \\
 &:= 1^3 + 1^3 + 2^3 + 2^3 + 14^2 = 13 + 13 + 23 + 23 + 142 \\
 &:= 1^3 + 1^3 + 3^3 + 4^3 + 11^2 = 13 + 13 + 33 + 43 + 112 \\
 &:= 1^3 + 1^4 + 2^2 + 4^3 + 12^2 = 13 + 14 + 22 + 43 + 122 \\
 &:= 1^3 + 2^4 + 4^3 + 5^3 + 8^1 = 13 + 24 + 43 + 53 + 81 \\
 &:= 1^3 + 2^4 + 5^3 + 6^2 + 6^2 = 13 + 24 + 53 + 62 + 62 \\
 &:= 1^3 + 2^6 + 3^0 + 3^3 + 11^2 = 13 + 26 + 30 + 33 + 112 \\
 &:= 1^4 + 2^1 + 2^6 + 3^1 + 12^2 = 14 + 21 + 26 + 31 + 122 \\
 &:= 1^4 + 2^2 + 2^6 + 3^0 + 12^2 = 14 + 22 + 26 + 30 + 122 \\
 &:= 1^4 + 2^2 + 4^3 + 4^3 + 9^2 = 14 + 22 + 43 + 43 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^3 + 3^1 + 3^4 + 11^2 = 14 + 23 + 31 + 34 + 112 \\
 &:= 1^4 + 2^3 + 4^2 + 5^3 + 8^2 = 14 + 23 + 42 + 53 + 82 \\
 &:= 1^4 + 2^7 + 3^1 + 5^0 + 9^2 = 14 + 27 + 31 + 50 + 92 \\
 &:= 1^4 + 3^3 + 5^2 + 5^3 + 6^2 = 14 + 33 + 52 + 53 + 62 \\
 &:= 1^4 + 3^4 + 4^1 + 4^3 + 8^2 = 14 + 34 + 41 + 43 + 82 \\
 &:= 1^5 + 2^1 + 3^2 + 3^4 + 11^2 = 15 + 21 + 32 + 34 + 112 \\
 &:= 1^6 + 2^2 + 3^1 + 5^3 + 9^2 = 16 + 22 + 31 + 53 + 92 \\
 &:= 1^6 + 3^4 + 5^0 + 5^3 + 6^1 = 16 + 34 + 50 + 53 + 61 \\
 &:= 2^2 + 2^6 + 3^4 + 5^0 + 8^2 = 22 + 26 + 34 + 50 + 82 \\
 &:= 2^3 + 2^4 + 4^2 + 5^3 + 7^2 = 23 + 24 + 42 + 53 + 72 \\
 &:= 2^3 + 2^6 + 4^2 + 5^3 + 7^0 = 23 + 26 + 42 + 53 + 70 \\
 &:= 2^3 + 3^4 + 4^3 + 5^2 + 6^2 = 23 + 34 + 43 + 52 + 62 \\
 &:= 2^4 + 2^4 + 3^0 + 3^4 + 10^2 = 24 + 24 + 30 + 34 + 102 \\
 &:= 2^4 + 2^6 + 3^0 + 5^3 + 8^1 = 24 + 26 + 30 + 53 + 81 \\
 &:= 2^4 + 2^7 + 3^0 + 5^1 + 8^2 = 24 + 27 + 30 + 51 + 82 \\
 &:= 2^4 + 3^4 + 4^1 + 4^3 + 7^2 = 24 + 34 + 41 + 43 + 72 \\
 &:= 2^4 + 4^3 + 4^3 + 4^3 + 6^1 = 24 + 43 + 43 + 43 + 61 \\
 &:= 2^5 + 3^3 + 5^1 + 5^2 + 5^3 = 25 + 33 + 51 + 52 + 53 \\
 &:= 2^5 + 3^4 + 4^3 + 5^0 + 6^2 = 25 + 34 + 43 + 50 + 62 \\
 &:= 2^5 + 4^2 + 4^2 + 5^2 + 5^3 = 25 + 42 + 42 + 52 + 53 \\
 &:= 2^6 + 3^2 + 3^2 + 5^3 + 7^1 = 26 + 32 + 32 + 53 + 71 \\
 &:= 2^6 + 3^4 + 4^1 + 4^3 + 7^0 = 26 + 34 + 41 + 43 + 70 \\
 &:= 2^7 + 3^1 + 3^2 + 5^2 + 7^2 = 27 + 31 + 32 + 52 + 72 \\
 &:= 2^7 + 3^2 + 3^2 + 4^1 + 8^2 = 27 + 32 + 32 + 41 + 82 \\
 &:= 2^7 + 3^2 + 3^3 + 5^0 + 7^2 = 27 + 32 + 33 + 50 + 72
 \end{aligned}$$

2.2.116 Number 215

$$\begin{aligned}
 215 &:= 3^1 + 4^2 + 14^2 = 31 + 42 + 142 \\
 &:= 1^0 + 2^1 + 4^2 + 14^2 = 10 + 21 + 42 + 142 \\
 &:= 1^0 + 1^0 + 1^1 + 4^2 + 14^2 = 10 + 10 + 11 + 42 + 142 \\
 &:= 1^0 + 1^9 + 2^0 + 2^4 + 14^2 = 10 + 19 + 20 + 24 + 142 \\
 &:= 1^1 + 1^8 + 2^0 + 2^4 + 14^2 = 11 + 18 + 20 + 24 + 142 \\
 &:= 1^1 + 1^9 + 1^9 + 2^4 + 14^2 = 11 + 19 + 19 + 24 + 142 \\
 &:= 1^2 + 1^7 + 2^0 + 2^4 + 14^2 = 12 + 17 + 20 + 24 + 142 \\
 &:= 1^2 + 1^8 + 1^9 + 2^4 + 14^2 = 12 + 18 + 19 + 24 + 142 \\
 &:= 1^2 + 2^2 + 2^7 + 3^4 + 12^0 = 12 + 22 + 27 + 34 + 120
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^6 + 2^0 + 2^4 + 14^2 = 13 + 16 + 20 + 24 + 142 \\
 &:= 1^3 + 1^7 + 1^9 + 2^4 + 14^2 = 13 + 17 + 19 + 24 + 142 \\
 &:= 1^3 + 1^8 + 1^8 + 2^4 + 14^2 = 13 + 18 + 18 + 24 + 142 \\
 &:= 1^3 + 2^7 + 3^4 + 4^1 + 10^0 = 13 + 27 + 34 + 41 + 100 \\
 &:= 1^4 + 1^5 + 2^0 + 2^4 + 14^2 = 14 + 15 + 20 + 24 + 142 \\
 &:= 1^4 + 1^6 + 1^9 + 2^4 + 14^2 = 14 + 16 + 19 + 24 + 142 \\
 &:= 1^4 + 1^7 + 1^8 + 2^4 + 14^2 = 14 + 17 + 18 + 24 + 142 \\
 &:= 1^4 + 2^2 + 2^7 + 6^0 + 9^2 = 14 + 22 + 27 + 60 + 92 \\
 &:= 1^4 + 2^5 + 3^4 + 4^0 + 10^2 = 14 + 25 + 34 + 40 + 102
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^7 + 4^0 + 6^2 + 7^2 = 14 + 27 + 40 + 62 + 72 \\ &:= 1^5 + 1^5 + 1^9 + 2^4 + 14^2 = 15 + 15 + 19 + 24 + 142 \\ &:= 1^5 + 1^6 + 1^8 + 2^4 + 14^2 = 15 + 16 + 18 + 24 + 142 \\ &:= 1^5 + 1^7 + 1^7 + 2^4 + 14^2 = 15 + 17 + 17 + 24 + 142 \\ &:= 1^5 + 2^7 + 4^0 + 4^1 + 9^2 = 15 + 27 + 40 + 41 + 92 \\ &:= 1^6 + 1^6 + 1^7 + 2^4 + 14^2 = 16 + 16 + 17 + 24 + 142 \\ &:= 1^7 + 3^4 + 4^0 + 5^3 + 7^1 = 17 + 34 + 40 + 53 + 71 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 2^6 + 2^6 + 5^1 + 9^2 = 20 + 26 + 26 + 51 + 92 \\ &:= 2^4 + 2^6 + 3^2 + 5^3 + 8^0 = 24 + 26 + 32 + 53 + 80 \\ &:= 2^4 + 2^7 + 4^3 + 6^0 + 6^1 = 24 + 27 + 43 + 60 + 61 \\ &:= 2^5 + 2^5 + 5^2 + 5^3 + 6^0 = 25 + 25 + 52 + 53 + 60 \\ &:= 2^5 + 2^7 + 4^0 + 5^1 + 7^2 = 25 + 27 + 40 + 51 + 72 \end{aligned}$$

2.2.117 Number 216

$$\begin{aligned} 216 &:= 1^9 + 2^4 + 3^1 + 14^2 = 19 + 24 + 31 + 142 \\ &:= 1^0 + 1^9 + 2^1 + 2^4 + 14^2 = 10 + 19 + 21 + 24 + 142 \\ &:= 1^0 + 1^9 + 5^2 + 5^3 + 8^2 = 10 + 19 + 52 + 53 + 82 \\ &:= 1^1 + 1^8 + 2^1 + 2^4 + 14^2 = 11 + 18 + 21 + 24 + 142 \\ &:= 1^1 + 1^8 + 5^2 + 5^3 + 8^2 = 11 + 18 + 52 + 53 + 82 \\ &:= 1^1 + 2^6 + 2^6 + 6^1 + 9^2 = 11 + 26 + 26 + 61 + 92 \\ &:= 1^2 + 1^7 + 2^1 + 2^4 + 14^2 = 12 + 17 + 21 + 24 + 142 \\ &:= 1^2 + 1^7 + 5^2 + 5^3 + 8^2 = 12 + 17 + 52 + 53 + 82 \\ &:= 1^2 + 2^4 + 2^6 + 5^3 + 10^1 = 12 + 24 + 26 + 53 + 101 \\ &:= 1^2 + 2^4 + 2^7 + 7^1 + 8^2 = 12 + 24 + 27 + 71 + 82 \\ &:= 1^3 + 1^6 + 2^1 + 2^4 + 14^2 = 13 + 16 + 21 + 24 + 142 \\ &:= 1^3 + 1^6 + 5^2 + 5^3 + 8^2 = 13 + 16 + 52 + 53 + 82 \\ &:= 1^3 + 2^6 + 3^4 + 6^1 + 8^2 = 13 + 26 + 34 + 61 + 82 \\ &:= 1^4 + 1^5 + 2^1 + 2^4 + 14^2 = 14 + 15 + 21 + 24 + 142 \\ &:= 1^4 + 1^5 + 5^2 + 5^3 + 8^2 = 14 + 15 + 52 + 53 + 82 \\ &:= 1^4 + 2^6 + 3^1 + 3^3 + 11^2 = 14 + 26 + 31 + 33 + 112 \\ &:= 1^4 + 2^7 + 3^4 + 5^1 + 9^0 = 14 + 27 + 34 + 51 + 90 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 2^2 + 2^6 + 3^1 + 12^2 = 15 + 22 + 26 + 31 + 122 \\ &:= 1^5 + 2^4 + 5^2 + 5^3 + 7^2 = 15 + 24 + 52 + 53 + 72 \\ &:= 1^5 + 2^6 + 5^2 + 5^3 + 7^0 = 15 + 26 + 52 + 53 + 70 \\ &:= 1^6 + 2^2 + 3^2 + 3^4 + 11^2 = 16 + 22 + 32 + 34 + 112 \\ &:= 1^6 + 2^3 + 3^4 + 5^3 + 9^0 = 16 + 23 + 34 + 53 + 90 \\ &:= 1^6 + 2^7 + 3^0 + 5^1 + 9^2 = 16 + 27 + 30 + 51 + 92 \\ &:= 1^8 + 2^3 + 3^0 + 5^3 + 9^2 = 18 + 23 + 30 + 53 + 92 \\ &:= 1^8 + 3^0 + 3^4 + 5^3 + 8^1 = 18 + 30 + 34 + 53 + 81 \\ &:= 1^8 + 4^3 + 5^0 + 5^2 + 5^3 = 18 + 43 + 50 + 52 + 53 \\ &:= 2^1 + 2^6 + 2^6 + 5^1 + 9^2 = 21 + 26 + 26 + 51 + 92 \\ &:= 2^2 + 2^2 + 2^5 + 2^5 + 12^2 = 22 + 22 + 25 + 25 + 122 \\ &:= 2^2 + 2^4 + 2^5 + 4^3 + 10^2 = 22 + 24 + 25 + 43 + 102 \\ &:= 2^3 + 2^6 + 4^2 + 4^3 + 8^2 = 23 + 26 + 42 + 43 + 82 \\ &:= 2^6 + 2^6 + 3^1 + 4^1 + 9^2 = 26 + 26 + 31 + 41 + 92 \\ &:= 2^6 + 2^7 + 4^2 + 5^0 + 7^1 = 26 + 27 + 42 + 50 + 71 \\ &:= 2^6 + 3^3 + 4^3 + 5^2 + 6^2 = 26 + 33 + 43 + 52 + 62 \end{aligned}$$

2.2.118 Number 217

$$\begin{aligned} 217 &:= 2^4 + 5^1 + 14^2 = 24 + 51 + 142 \\ &:= 1^0 + 2^4 + 4^1 + 14^2 = 10 + 24 + 41 + 142 \\ &:= 1^1 + 2^2 + 4^2 + 14^2 = 11 + 22 + 42 + 142 \\ &:= 1^0 + 1^0 + 2^4 + 3^1 + 14^2 = 10 + 10 + 24 + 31 + 142 \\ &:= 1^0 + 3^0 + 3^2 + 5^3 + 9^2 = 10 + 30 + 32 + 53 + 92 \\ &:= 1^5 + 2^7 + 3^4 + 6^1 + 8^0 = 15 + 27 + 34 + 61 + 80 \\ &:= 1^7 + 2^0 + 2^7 + 6^1 + 9^2 = 17 + 20 + 27 + 61 + 92 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^9 + 2^7 + 6^1 + 9^2 = 18 + 19 + 27 + 61 + 92 \\ &:= 1^8 + 3^2 + 3^4 + 5^3 + 8^0 = 18 + 32 + 34 + 53 + 80 \\ &:= 1^9 + 2^0 + 3^4 + 5^3 + 9^1 = 19 + 20 + 34 + 53 + 91 \\ &:= 2^0 + 2^0 + 3^2 + 5^3 + 9^2 = 20 + 20 + 32 + 53 + 92 \\ &:= 2^3 + 2^4 + 2^7 + 4^3 + 10^0 = 23 + 24 + 27 + 43 + 100 \\ &:= 2^6 + 2^6 + 3^4 + 6^0 + 7^1 = 26 + 26 + 34 + 60 + 71 \end{aligned}$$

2.2.119 Number 218

$$\begin{aligned}
 218 &:= 1^5 + 6^3 + 14^0 &= 15 + 63 + 140 &:= 1^5 + 1^5 + 3^4 + 5^3 + 10^1 = 15 + 15 + 34 + 53 + 101 \\
 &:= 1^8 + 2^7 + 8^1 + 9^2 &= 18 + 27 + 81 + 92 &:= 1^5 + 2^3 + 2^3 + 2^5 + 13^2 = 15 + 23 + 23 + 25 + 132 \\
 &:= 1^9 + 2^5 + 4^2 + 13^2 &= 19 + 25 + 42 + 132 &:= 1^5 + 2^4 + 2^4 + 4^3 + 11^2 = 15 + 24 + 24 + 43 + 112 \\
 &:= 2^0 + 3^4 + 5^3 + 11^1 &= 20 + 34 + 53 + 111 &:= 1^5 + 2^6 + 4^3 + 5^2 + 8^2 = 15 + 26 + 43 + 52 + 82 \\
 &:= 2^0 + 3^4 + 6^2 + 10^2 &= 20 + 34 + 62 + 102 &:= 1^5 + 2^7 + 4^2 + 4^3 + 9^1 = 15 + 27 + 42 + 43 + 91 \\
 &:= 1^0 + 1^8 + 2^7 + 7^1 + 9^2 &= 10 + 18 + 27 + 71 + 92 &:= 1^6 + 2^5 + 3^4 + 4^1 + 10^2 = 16 + 25 + 34 + 41 + 102 \\
 &:= 1^0 + 2^0 + 2^2 + 2^4 + 14^2 &= 10 + 20 + 22 + 24 + 142 &:= 1^6 + 2^6 + 3^3 + 5^3 + 9^0 = 16 + 26 + 33 + 53 + 90 \\
 &:= 1^0 + 2^0 + 2^3 + 4^3 + 12^2 &= 10 + 20 + 23 + 43 + 122 &:= 1^6 + 2^7 + 3^4 + 7^0 + 7^1 = 16 + 27 + 34 + 70 + 71 \\
 &:= 1^0 + 2^0 + 3^4 + 5^3 + 10^1 &= 10 + 20 + 34 + 53 + 101 &:= 1^6 + 2^7 + 4^1 + 6^2 + 7^2 = 16 + 27 + 41 + 62 + 72 \\
 &:= 1^0 + 3^3 + 4^0 + 5^3 + 8^2 &= 10 + 33 + 40 + 53 + 82 &:= 1^7 + 2^1 + 2^7 + 6^1 + 9^2 = 17 + 21 + 27 + 61 + 92 \\
 &:= 1^1 + 1^7 + 2^7 + 7^1 + 9^2 &= 11 + 17 + 27 + 71 + 92 &:= 1^7 + 2^3 + 2^6 + 3^0 + 12^2 = 17 + 23 + 26 + 30 + 122 \\
 &:= 1^1 + 1^9 + 2^2 + 2^4 + 14^2 &= 11 + 19 + 22 + 24 + 142 &:= 1^7 + 2^3 + 4^3 + 4^3 + 9^2 = 17 + 23 + 43 + 43 + 92 \\
 &:= 1^1 + 1^9 + 2^3 + 4^3 + 12^2 &= 11 + 19 + 23 + 43 + 122 &:= 1^7 + 2^7 + 3^1 + 5^1 + 9^2 = 17 + 27 + 31 + 51 + 92 \\
 &:= 1^1 + 1^9 + 3^4 + 5^3 + 10^1 &= 11 + 19 + 34 + 53 + 101 &:= 1^7 + 2^7 + 4^1 + 4^1 + 9^2 = 17 + 27 + 41 + 41 + 92 \\
 &:= 1^2 + 1^6 + 2^7 + 7^1 + 9^2 &= 12 + 16 + 27 + 71 + 92 &:= 1^7 + 3^2 + 3^3 + 3^4 + 10^2 = 17 + 32 + 33 + 34 + 102 \\
 &:= 1^2 + 1^8 + 2^2 + 2^4 + 14^2 &= 12 + 18 + 22 + 24 + 142 &:= 1^7 + 3^4 + 3^4 + 6^1 + 7^2 = 17 + 34 + 34 + 61 + 72 \\
 &:= 1^2 + 1^8 + 2^3 + 4^3 + 12^2 &= 12 + 18 + 23 + 43 + 122 &:= 1^7 + 3^4 + 4^3 + 4^3 + 8^1 = 17 + 34 + 43 + 43 + 81 \\
 &:= 1^2 + 1^8 + 3^4 + 5^3 + 10^1 &= 12 + 18 + 34 + 53 + 101 &:= 1^7 + 3^4 + 4^3 + 6^2 + 6^2 = 17 + 34 + 43 + 62 + 62 \\
 &:= 1^3 + 1^5 + 2^7 + 7^1 + 9^2 &= 13 + 15 + 27 + 71 + 92 &:= 1^8 + 3^3 + 4^2 + 5^3 + 7^2 = 18 + 33 + 42 + 53 + 72 \\
 &:= 1^3 + 1^7 + 2^2 + 2^4 + 14^2 &= 13 + 17 + 22 + 24 + 142 &:= 1^9 + 2^1 + 3^4 + 5^3 + 9^1 = 19 + 21 + 34 + 53 + 91 \\
 &:= 1^3 + 1^7 + 2^3 + 4^3 + 12^2 &= 13 + 17 + 23 + 43 + 122 &:= 1^9 + 2^3 + 3^1 + 5^3 + 9^2 = 19 + 23 + 31 + 53 + 92 \\
 &:= 1^3 + 1^7 + 3^4 + 5^3 + 10^1 &= 13 + 17 + 34 + 53 + 101 &:= 1^9 + 3^1 + 3^4 + 5^3 + 8^1 = 19 + 31 + 34 + 53 + 81 \\
 &:= 1^3 + 2^5 + 2^7 + 7^2 + 8^1 &= 13 + 25 + 27 + 72 + 81 &:= 1^9 + 3^3 + 4^3 + 5^3 + 7^0 = 19 + 33 + 43 + 53 + 70 \\
 &:= 1^4 + 1^4 + 2^7 + 7^1 + 9^2 &= 14 + 14 + 27 + 71 + 92 &:= 1^9 + 3^4 + 4^1 + 5^3 + 7^1 = 19 + 34 + 41 + 53 + 71 \\
 &:= 1^4 + 1^6 + 2^2 + 2^4 + 14^2 &= 14 + 16 + 22 + 24 + 142 &:= 1^9 + 3^4 + 5^1 + 5^3 + 6^1 = 19 + 34 + 51 + 53 + 61 \\
 &:= 1^4 + 1^6 + 2^3 + 4^3 + 12^2 &= 14 + 16 + 23 + 43 + 122 &:= 2^0 + 2^1 + 3^2 + 5^3 + 9^2 = 20 + 21 + 32 + 53 + 92 \\
 &:= 1^4 + 1^6 + 3^4 + 5^3 + 10^1 &= 14 + 16 + 34 + 53 + 101 &:= 2^0 + 3^0 + 3^3 + 5^3 + 8^2 = 20 + 30 + 33 + 53 + 82 \\
 &:= 1^4 + 2^4 + 2^4 + 2^4 + 13^2 &= 14 + 24 + 24 + 24 + 132 &:= 2^4 + 2^6 + 2^7 + 5^0 + 9^1 = 24 + 26 + 27 + 50 + 91 \\
 &:= 1^4 + 2^4 + 2^6 + 4^2 + 11^2 &= 14 + 24 + 26 + 42 + 112 &:= 2^5 + 2^5 + 3^3 + 3^3 + 10^2 = 25 + 25 + 33 + 33 + 102 \\
 &:= 1^4 + 2^5 + 2^5 + 3^2 + 12^2 &= 14 + 25 + 25 + 32 + 122 &:= 2^5 + 2^5 + 3^4 + 4^3 + 9^1 = 25 + 25 + 34 + 43 + 91 \\
 &:= 1^5 + 1^5 + 2^2 + 2^4 + 14^2 &= 15 + 15 + 22 + 24 + 142 &:= 2^6 + 2^6 + 4^2 + 5^2 + 7^2 = 26 + 26 + 42 + 52 + 72 \\
 &:= 1^5 + 1^5 + 2^3 + 4^3 + 12^2 &= 15 + 15 + 23 + 43 + 122 &
 \end{aligned}$$

2.2.120 Number 219

$$\begin{aligned}
 219 &:= 1^5 + 7^2 + 13^2 &= 15 + 72 + 132 &:= 1^1 + 3^4 + 5^3 + 12^1 &= 11 + 34 + 53 + 121 \\
 &:= 1^0 + 1^6 + 6^3 + 13^0 &= 10 + 16 + 63 + 130 &:= 1^2 + 1^4 + 6^3 + 13^0 &= 12 + 14 + 63 + 130 \\
 &:= 1^1 + 1^5 + 6^3 + 13^0 &= 11 + 15 + 63 + 130 &:= 1^3 + 1^3 + 6^3 + 13^0 &= 13 + 13 + 63 + 130
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^0 + 6^3 + 12^0 = 16 + 20 + 63 + 120 \\
 &:= 1^6 + 3^0 + 6^3 + 11^0 = 16 + 30 + 63 + 110 \\
 &:= 1^6 + 4^0 + 6^3 + 10^0 = 16 + 40 + 63 + 100 \\
 &:= 1^6 + 5^0 + 6^3 + 9^0 = 16 + 50 + 63 + 90 \\
 &:= 1^6 + 6^0 + 6^3 + 8^0 = 16 + 60 + 63 + 80 \\
 &:= 1^6 + 6^3 + 7^0 + 7^0 = 16 + 63 + 70 + 70 \\
 &:= 1^7 + 1^9 + 6^3 + 12^0 = 17 + 19 + 63 + 120 \\
 &:= 1^8 + 1^8 + 6^3 + 12^0 = 18 + 18 + 63 + 120 \\
 &:= 2^1 + 3^4 + 5^3 + 11^1 = 21 + 34 + 53 + 111 \\
 &:= 2^1 + 3^4 + 6^2 + 10^2 = 21 + 34 + 62 + 102 \\
 &:= 2^2 + 2^4 + 3^1 + 14^2 = 22 + 24 + 31 + 142 \\
 &:= 2^3 + 3^1 + 4^3 + 12^2 = 23 + 31 + 43 + 122 \\
 &:= 2^3 + 5^1 + 5^3 + 9^2 = 23 + 51 + 53 + 92 \\
 &:= 3^1 + 3^4 + 5^3 + 10^1 = 31 + 34 + 53 + 101 \\
 &:= 3^2 + 5^3 + 6^2 + 7^2 = 32 + 53 + 62 + 72 \\
 &:= 3^4 + 4^1 + 5^3 + 9^1 = 34 + 41 + 53 + 91 \\
 &:= 3^4 + 5^1 + 5^3 + 8^1 = 34 + 51 + 53 + 81 \\
 &:= 3^4 + 5^3 + 6^1 + 7^1 = 34 + 53 + 61 + 71 \\
 &:= 1^0 + 1^0 + 2^5 + 4^2 + 13^2 = 10 + 10 + 25 + 42 + 132 \\
 &:= 1^0 + 1^1 + 3^4 + 5^3 + 11^1 = 10 + 11 + 34 + 53 + 111 \\
 &:= 1^0 + 1^1 + 3^4 + 6^2 + 10^2 = 10 + 11 + 34 + 62 + 102 \\
 &:= 1^0 + 1^2 + 3^2 + 4^3 + 12^2 = 10 + 12 + 32 + 43 + 122 \\
 &:= 1^0 + 2^1 + 2^2 + 2^4 + 14^2 = 10 + 21 + 22 + 24 + 142 \\
 &:= 1^0 + 2^1 + 2^3 + 4^3 + 12^2 = 10 + 21 + 23 + 43 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^1 + 3^4 + 5^3 + 10^1 = 10 + 21 + 34 + 53 + 101 \\
 &:= 1^0 + 2^2 + 5^2 + 5^3 + 8^2 = 10 + 22 + 52 + 53 + 82 \\
 &:= 1^0 + 2^3 + 4^1 + 5^3 + 9^2 = 10 + 23 + 41 + 53 + 92 \\
 &:= 1^0 + 3^1 + 3^4 + 5^3 + 9^1 = 10 + 31 + 34 + 53 + 91 \\
 &:= 1^0 + 3^4 + 4^1 + 5^3 + 8^1 = 10 + 34 + 41 + 53 + 81 \\
 &:= 1^0 + 3^4 + 5^1 + 5^3 + 7^1 = 10 + 34 + 51 + 53 + 71 \\
 &:= 1^0 + 3^4 + 5^3 + 6^1 + 6^1 = 10 + 34 + 53 + 61 + 61 \\
 &:= 1^1 + 1^1 + 3^2 + 4^3 + 12^2 = 11 + 11 + 32 + 43 + 122 \\
 &:= 1^1 + 3^1 + 3^2 + 5^3 + 9^2 = 11 + 31 + 32 + 53 + 92 \\
 &:= 1^4 + 2^6 + 2^7 + 5^2 + 10^0 = 14 + 26 + 27 + 52 + 100 \\
 &:= 1^5 + 2^3 + 2^7 + 3^4 + 12^0 = 15 + 23 + 27 + 34 + 120 \\
 &:= 1^6 + 2^5 + 2^6 + 4^0 + 11^2 = 16 + 25 + 26 + 40 + 112 \\
 &:= 1^7 + 2^3 + 2^7 + 6^0 + 9^2 = 17 + 23 + 27 + 60 + 92 \\
 &:= 1^7 + 2^7 + 3^4 + 6^0 + 8^1 = 17 + 27 + 34 + 60 + 81 \\
 &:= 1^7 + 2^7 + 4^3 + 5^2 + 8^0 = 17 + 27 + 43 + 52 + 80 \\
 &:= 1^8 + 2^0 + 2^4 + 2^5 + 13^2 = 18 + 20 + 24 + 25 + 132 \\
 &:= 1^8 + 2^7 + 4^0 + 5^2 + 8^2 = 18 + 27 + 40 + 52 + 82 \\
 &:= 1^9 + 1^9 + 2^4 + 2^5 + 13^2 = 19 + 19 + 24 + 25 + 132 \\
 &:= 1^9 + 2^0 + 2^5 + 4^3 + 11^2 = 19 + 20 + 25 + 43 + 112 \\
 &:= 1^9 + 2^0 + 2^6 + 3^2 + 12^2 = 19 + 20 + 26 + 32 + 122 \\
 &:= 2^1 + 2^1 + 3^2 + 5^3 + 9^2 = 21 + 21 + 32 + 53 + 92 \\
 &:= 2^1 + 3^0 + 3^3 + 5^3 + 8^2 = 21 + 30 + 33 + 53 + 82 \\
 &:= 3^0 + 4^1 + 4^3 + 5^2 + 5^3 = 30 + 41 + 43 + 52 + 53
 \end{aligned}$$

2.2.121 Number 220

$$\begin{aligned}
 220 &:= 1^6 + 2^1 + 6^3 + 12^0 = 16 + 21 + 63 + 120 \\
 &:= 1^0 + 1^0 + 1^7 + 6^3 + 12^0 = 10 + 10 + 17 + 63 + 120 \\
 &:= 1^0 + 1^1 + 1^6 + 6^3 + 12^0 = 10 + 11 + 16 + 63 + 120 \\
 &:= 1^0 + 1^2 + 1^5 + 6^3 + 12^0 = 10 + 12 + 15 + 63 + 120 \\
 &:= 1^0 + 1^3 + 1^4 + 6^3 + 12^0 = 10 + 13 + 14 + 63 + 120 \\
 &:= 1^0 + 1^7 + 2^0 + 6^3 + 11^0 = 10 + 17 + 20 + 63 + 110 \\
 &:= 1^0 + 1^7 + 3^0 + 6^3 + 10^0 = 10 + 17 + 30 + 63 + 100 \\
 &:= 1^0 + 1^7 + 4^0 + 6^3 + 9^0 = 10 + 17 + 40 + 63 + 90 \\
 &:= 1^0 + 1^7 + 5^0 + 6^3 + 8^0 = 10 + 17 + 50 + 63 + 80 \\
 &:= 1^0 + 1^7 + 6^0 + 6^3 + 7^0 = 10 + 17 + 60 + 63 + 70 \\
 &:= 1^0 + 1^8 + 1^9 + 6^3 + 11^0 = 10 + 18 + 19 + 63 + 110
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^4 + 3^4 + 4^0 + 11^2 = 10 + 24 + 34 + 40 + 112 \\
 &:= 1^1 + 1^1 + 1^5 + 6^3 + 12^0 = 11 + 11 + 15 + 63 + 120 \\
 &:= 1^1 + 1^2 + 1^4 + 6^3 + 12^0 = 11 + 12 + 14 + 63 + 120 \\
 &:= 1^1 + 1^3 + 1^3 + 6^3 + 12^0 = 11 + 13 + 13 + 63 + 120 \\
 &:= 1^1 + 1^6 + 2^0 + 6^3 + 11^0 = 11 + 16 + 20 + 63 + 110 \\
 &:= 1^1 + 1^6 + 3^0 + 6^3 + 10^0 = 11 + 16 + 30 + 63 + 100 \\
 &:= 1^1 + 1^6 + 4^0 + 6^3 + 9^0 = 11 + 16 + 40 + 63 + 90 \\
 &:= 1^1 + 1^6 + 5^0 + 6^3 + 8^0 = 11 + 16 + 50 + 63 + 80 \\
 &:= 1^1 + 1^6 + 6^0 + 6^3 + 7^0 = 11 + 16 + 60 + 63 + 70 \\
 &:= 1^1 + 1^7 + 1^9 + 6^3 + 11^0 = 11 + 17 + 19 + 63 + 110 \\
 &:= 1^1 + 1^8 + 1^8 + 6^3 + 11^0 = 11 + 18 + 18 + 63 + 110
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 1^2 + 1^3 + 6^3 + 12^0 = 12 + 12 + 13 + 63 + 120 \\
 &:= 1^2 + 1^5 + 2^0 + 6^3 + 11^0 = 12 + 15 + 20 + 63 + 110 \\
 &:= 1^2 + 1^5 + 3^0 + 6^3 + 10^0 = 12 + 15 + 30 + 63 + 100 \\
 &:= 1^2 + 1^5 + 4^0 + 6^3 + 9^0 = 12 + 15 + 40 + 63 + 90 \\
 &:= 1^2 + 1^5 + 5^0 + 6^3 + 8^0 = 12 + 15 + 50 + 63 + 80 \\
 &:= 1^2 + 1^5 + 6^0 + 6^3 + 7^0 = 12 + 15 + 60 + 63 + 70 \\
 &:= 1^2 + 1^6 + 1^9 + 6^3 + 11^0 = 12 + 16 + 19 + 63 + 110 \\
 &:= 1^2 + 1^7 + 1^8 + 6^3 + 11^0 = 12 + 17 + 18 + 63 + 110 \\
 &:= 1^2 + 2^0 + 3^4 + 4^2 + 11^2 = 12 + 20 + 34 + 42 + 112 \\
 &:= 1^3 + 1^4 + 2^0 + 6^3 + 11^0 = 13 + 14 + 20 + 63 + 110 \\
 &:= 1^3 + 1^4 + 3^0 + 6^3 + 10^0 = 13 + 14 + 30 + 63 + 100 \\
 &:= 1^3 + 1^4 + 4^0 + 6^3 + 9^0 = 13 + 14 + 40 + 63 + 90 \\
 &:= 1^3 + 1^4 + 5^0 + 6^3 + 8^0 = 13 + 14 + 50 + 63 + 80 \\
 &:= 1^3 + 1^4 + 6^0 + 6^3 + 7^0 = 13 + 14 + 60 + 63 + 70 \\
 &:= 1^3 + 1^5 + 1^9 + 6^3 + 11^0 = 13 + 15 + 19 + 63 + 110 \\
 &:= 1^3 + 1^6 + 1^8 + 6^3 + 11^0 = 13 + 16 + 18 + 63 + 110 \\
 &:= 1^3 + 1^7 + 1^7 + 6^3 + 11^0 = 13 + 17 + 17 + 63 + 110 \\
 &:= 1^3 + 1^9 + 3^4 + 4^2 + 11^2 = 13 + 19 + 34 + 42 + 112 \\
 &:= 1^4 + 1^4 + 1^9 + 6^3 + 11^0 = 14 + 14 + 19 + 63 + 110 \\
 &:= 1^4 + 1^5 + 1^8 + 6^3 + 11^0 = 14 + 15 + 18 + 63 + 110 \\
 &:= 1^4 + 1^6 + 1^7 + 6^3 + 11^0 = 14 + 16 + 17 + 63 + 110 \\
 &:= 1^4 + 1^8 + 3^4 + 4^2 + 11^2 = 14 + 18 + 34 + 42 + 112 \\
 &:= 1^4 + 2^6 + 2^7 + 4^2 + 11^1 = 14 + 26 + 27 + 42 + 111 \\
 &:= 1^5 + 1^5 + 1^7 + 6^3 + 11^0 = 15 + 15 + 17 + 63 + 110 \\
 &:= 1^5 + 1^6 + 1^6 + 6^3 + 11^0 = 15 + 16 + 16 + 63 + 110 \\
 &:= 1^5 + 1^7 + 3^4 + 4^2 + 11^2 = 15 + 17 + 34 + 42 + 112 \\
 &:= 1^5 + 2^4 + 2^7 + 4^3 + 11^1 = 15 + 24 + 27 + 43 + 111 \\
 &:= 1^6 + 1^6 + 3^4 + 4^2 + 11^2 = 16 + 16 + 34 + 42 + 112 \\
 &:= 1^6 + 2^4 + 2^5 + 3^3 + 12^2 = 16 + 24 + 25 + 33 + 122 \\
 &:= 1^6 + 2^6 + 3^4 + 4^3 + 10^1 = 16 + 26 + 34 + 43 + 101 \\
 &:= 1^7 + 2^0 + 2^0 + 6^3 + 10^0 = 17 + 20 + 20 + 63 + 100 \\
 &:= 1^7 + 2^0 + 3^0 + 6^3 + 9^0 = 17 + 20 + 30 + 63 + 90 \\
 &:= 1^7 + 2^0 + 4^0 + 6^3 + 8^0 = 17 + 20 + 40 + 63 + 80
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^0 + 5^0 + 6^3 + 7^0 = 17 + 20 + 50 + 63 + 70 \\
 &:= 1^7 + 2^0 + 6^0 + 6^0 + 6^3 = 17 + 20 + 60 + 60 + 63 \\
 &:= 1^7 + 2^5 + 3^4 + 5^2 + 9^2 = 17 + 25 + 34 + 52 + 92 \\
 &:= 1^7 + 2^7 + 3^2 + 3^4 + 11^0 = 17 + 27 + 32 + 34 + 110 \\
 &:= 1^7 + 3^0 + 3^0 + 6^3 + 8^0 = 17 + 30 + 30 + 63 + 80 \\
 &:= 1^7 + 3^0 + 4^0 + 6^3 + 7^0 = 17 + 30 + 40 + 63 + 70 \\
 &:= 1^7 + 3^0 + 5^0 + 6^0 + 6^3 = 17 + 30 + 50 + 60 + 63 \\
 &:= 1^7 + 4^0 + 4^0 + 6^0 + 6^3 = 17 + 40 + 40 + 60 + 63 \\
 &:= 1^7 + 4^0 + 5^0 + 5^0 + 6^3 = 17 + 40 + 50 + 50 + 63 \\
 &:= 1^8 + 1^9 + 2^0 + 6^3 + 10^0 = 18 + 19 + 20 + 63 + 100 \\
 &:= 1^8 + 1^9 + 3^0 + 6^3 + 9^0 = 18 + 19 + 30 + 63 + 90 \\
 &:= 1^8 + 1^9 + 4^0 + 6^3 + 8^0 = 18 + 19 + 40 + 63 + 80 \\
 &:= 1^8 + 1^9 + 5^0 + 6^3 + 7^0 = 18 + 19 + 50 + 63 + 70 \\
 &:= 1^8 + 1^9 + 6^0 + 6^0 + 6^3 = 18 + 19 + 60 + 60 + 63 \\
 &:= 1^8 + 2^1 + 2^4 + 2^5 + 13^2 = 18 + 21 + 24 + 25 + 132 \\
 &:= 1^8 + 2^2 + 2^7 + 6^1 + 9^2 = 18 + 22 + 27 + 61 + 92 \\
 &:= 1^8 + 2^3 + 2^6 + 3^1 + 12^2 = 18 + 23 + 26 + 31 + 122 \\
 &:= 1^8 + 2^7 + 3^4 + 5^0 + 9^1 = 18 + 27 + 34 + 50 + 91 \\
 &:= 1^9 + 1^9 + 1^9 + 6^3 + 10^0 = 19 + 19 + 19 + 63 + 100 \\
 &:= 1^9 + 2^1 + 2^5 + 4^3 + 11^2 = 19 + 21 + 25 + 43 + 112 \\
 &:= 1^9 + 2^1 + 2^6 + 3^2 + 12^2 = 19 + 21 + 26 + 32 + 122 \\
 &:= 1^9 + 2^3 + 3^2 + 3^4 + 11^2 = 19 + 23 + 32 + 34 + 112 \\
 &:= 1^9 + 2^7 + 3^2 + 5^0 + 9^2 = 19 + 27 + 32 + 50 + 92 \\
 &:= 1^9 + 3^3 + 4^3 + 4^3 + 8^2 = 19 + 33 + 43 + 43 + 82 \\
 &:= 1^9 + 3^4 + 4^3 + 5^2 + 7^2 = 19 + 34 + 43 + 52 + 72 \\
 &:= 2^0 + 2^2 + 3^4 + 5^3 + 9^1 = 20 + 22 + 34 + 53 + 91 \\
 &:= 2^0 + 2^4 + 3^0 + 3^4 + 11^2 = 20 + 24 + 30 + 34 + 112 \\
 &:= 2^3 + 2^3 + 2^6 + 2^7 + 12^1 = 23 + 23 + 26 + 27 + 121 \\
 &:= 2^5 + 2^5 + 2^7 + 3^3 + 11^0 = 25 + 25 + 27 + 33 + 110 \\
 &:= 3^1 + 3^3 + 4^3 + 5^3 + 6^0 = 31 + 33 + 43 + 53 + 60 \\
 &:= 3^2 + 3^4 + 4^1 + 5^3 + 6^0 = 32 + 34 + 41 + 53 + 60
 \end{aligned}$$

2.2.122 Number 221

$$\begin{aligned}
 221 &:= 1^4 + 2^3 + 4^2 + 14^2 = 14 + 23 + 42 + 142 \\
 &:= 1^7 + 3^1 + 6^3 + 11^0 = 17 + 31 + 63 + 110 \\
 &:= 2^2 + 2^5 + 4^2 + 13^2 = 22 + 25 + 42 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^4 + 3^2 + 3^3 + 13^2 = 24 + 32 + 33 + 132 \\
 &:= 2^5 + 4^1 + 4^3 + 11^2 = 25 + 41 + 43 + 112 \\
 &:= 2^6 + 3^2 + 4^1 + 12^2 = 26 + 32 + 41 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^3 + 3^4 + 7^2 + 8^2 = 33 + 34 + 72 + 82 \\
 &:= 1^0 + 1^7 + 2^1 + 6^3 + 11^0 = 10 + 17 + 21 + 63 + 110 \\
 &:= 1^0 + 2^3 + 2^3 + 2^3 + 14^2 = 10 + 23 + 23 + 23 + 142 \\
 &:= 1^0 + 2^3 + 3^3 + 4^3 + 11^2 = 10 + 23 + 33 + 43 + 112 \\
 &:= 1^0 + 2^5 + 3^1 + 4^3 + 11^2 = 10 + 25 + 31 + 43 + 112 \\
 &:= 1^0 + 2^6 + 3^1 + 3^2 + 12^2 = 10 + 26 + 31 + 32 + 122 \\
 &:= 1^1 + 1^6 + 2^1 + 6^3 + 11^0 = 11 + 16 + 21 + 63 + 110 \\
 &:= 1^1 + 2^2 + 2^2 + 2^4 + 14^2 = 11 + 22 + 22 + 24 + 142 \\
 &:= 1^1 + 2^2 + 2^3 + 4^3 + 12^2 = 11 + 22 + 23 + 43 + 122 \\
 &:= 1^1 + 2^2 + 3^4 + 5^3 + 10^1 = 11 + 22 + 34 + 53 + 101 \\
 &:= 1^1 + 3^2 + 3^2 + 3^4 + 11^2 = 11 + 32 + 32 + 34 + 112 \\
 &:= 1^2 + 1^5 + 2^1 + 6^3 + 11^0 = 12 + 15 + 21 + 63 + 110 \\
 &:= 1^2 + 2^1 + 3^4 + 4^2 + 11^2 = 12 + 21 + 34 + 42 + 112 \\
 &:= 1^2 + 3^3 + 4^1 + 5^3 + 8^2 = 12 + 33 + 41 + 53 + 82 \\
 &:= 1^2 + 4^3 + 5^2 + 5^3 + 6^1 = 12 + 43 + 52 + 53 + 61 \\
 &:= 1^3 + 1^4 + 2^1 + 6^3 + 11^0 = 13 + 14 + 21 + 63 + 110 \\
 &:= 1^5 + 2^6 + 2^7 + 3^3 + 12^0 = 15 + 26 + 27 + 33 + 120 \\
 &:= 1^7 + 2^0 + 2^1 + 6^3 + 10^0 = 17 + 20 + 21 + 63 + 100
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^1 + 3^0 + 6^3 + 9^0 = 17 + 21 + 30 + 63 + 90 \\
 &:= 1^7 + 2^1 + 4^0 + 6^3 + 8^0 = 17 + 21 + 40 + 63 + 80 \\
 &:= 1^7 + 2^1 + 5^0 + 6^3 + 7^0 = 17 + 21 + 50 + 63 + 70 \\
 &:= 1^7 + 2^1 + 6^0 + 6^0 + 6^3 = 17 + 21 + 60 + 60 + 63 \\
 &:= 1^8 + 1^9 + 2^1 + 6^3 + 10^0 = 18 + 19 + 21 + 63 + 100 \\
 &:= 1^8 + 2^7 + 3^3 + 4^3 + 10^0 = 18 + 27 + 33 + 43 + 100 \\
 &:= 1^9 + 2^7 + 3^3 + 6^0 + 8^2 = 19 + 27 + 33 + 60 + 82 \\
 &:= 1^9 + 2^7 + 3^4 + 4^0 + 10^1 = 19 + 27 + 34 + 40 + 101 \\
 &:= 2^1 + 2^2 + 3^4 + 5^3 + 9^1 = 21 + 22 + 34 + 53 + 91 \\
 &:= 2^1 + 2^4 + 3^0 + 3^4 + 11^2 = 21 + 24 + 30 + 34 + 112 \\
 &:= 2^2 + 2^3 + 3^1 + 5^3 + 9^2 = 22 + 23 + 31 + 53 + 92 \\
 &:= 2^2 + 3^1 + 3^4 + 5^3 + 8^1 = 22 + 31 + 34 + 53 + 81 \\
 &:= 2^2 + 3^3 + 4^3 + 5^3 + 7^0 = 22 + 33 + 43 + 53 + 70 \\
 &:= 2^2 + 3^4 + 4^1 + 5^3 + 7^1 = 22 + 34 + 41 + 53 + 71 \\
 &:= 2^2 + 3^4 + 5^1 + 5^3 + 6^1 = 22 + 34 + 51 + 53 + 61 \\
 &:= 2^3 + 3^4 + 5^0 + 5^3 + 6^1 = 23 + 34 + 50 + 53 + 61
 \end{aligned}$$

2.2.123 Number 222

$$\begin{aligned}
 222 &:= 1^7 + 2^2 + 6^3 + 12^0 = 17 + 22 + 63 + 120 \\
 &:= 1^8 + 4^1 + 6^3 + 10^0 = 18 + 41 + 63 + 100 \\
 &:= 2^7 + 3^4 + 4^0 + 12^1 = 27 + 34 + 40 + 121 \\
 &:= 1^0 + 1^8 + 3^1 + 6^3 + 10^0 = 10 + 18 + 31 + 63 + 100 \\
 &:= 1^0 + 2^7 + 3^4 + 4^0 + 11^1 = 10 + 27 + 34 + 40 + 111 \\
 &:= 1^1 + 1^7 + 3^1 + 6^3 + 10^0 = 11 + 17 + 31 + 63 + 100 \\
 &:= 1^2 + 1^6 + 3^1 + 6^3 + 10^0 = 12 + 16 + 31 + 63 + 100 \\
 &:= 1^3 + 1^5 + 3^1 + 6^3 + 10^0 = 13 + 15 + 31 + 63 + 100 \\
 &:= 1^3 + 2^0 + 2^3 + 2^4 + 14^2 = 13 + 20 + 23 + 24 + 142 \\
 &:= 1^4 + 1^4 + 3^1 + 6^3 + 10^0 = 14 + 14 + 31 + 63 + 100 \\
 &:= 1^4 + 1^9 + 2^3 + 2^4 + 14^2 = 14 + 19 + 23 + 24 + 142 \\
 &:= 1^4 + 2^4 + 2^6 + 2^7 + 13^1 = 14 + 24 + 26 + 27 + 131 \\
 &:= 1^5 + 1^8 + 2^3 + 2^4 + 14^2 = 15 + 18 + 23 + 24 + 142 \\
 &:= 1^5 + 2^6 + 2^6 + 3^4 + 12^1 = 15 + 26 + 26 + 34 + 121 \\
 &:= 1^6 + 1^7 + 2^3 + 2^4 + 14^2 = 16 + 17 + 23 + 24 + 142 \\
 &:= 1^7 + 2^1 + 2^1 + 6^3 + 10^0 = 17 + 21 + 21 + 63 + 100 \\
 &:= 1^7 + 2^5 + 2^6 + 5^2 + 10^2 = 17 + 25 + 26 + 52 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 2^0 + 3^1 + 6^3 + 9^0 = 18 + 20 + 31 + 63 + 90 \\
 &:= 1^8 + 2^5 + 2^6 + 4^1 + 11^2 = 18 + 25 + 26 + 41 + 112 \\
 &:= 1^8 + 3^0 + 3^1 + 6^3 + 8^0 = 18 + 30 + 31 + 63 + 80 \\
 &:= 1^8 + 3^1 + 4^0 + 6^3 + 7^0 = 18 + 31 + 40 + 63 + 70 \\
 &:= 1^8 + 3^1 + 5^0 + 6^0 + 6^3 = 18 + 31 + 50 + 60 + 63 \\
 &:= 1^9 + 1^9 + 3^1 + 6^3 + 9^0 = 19 + 19 + 31 + 63 + 90 \\
 &:= 1^9 + 2^2 + 2^4 + 2^5 + 13^2 = 19 + 22 + 24 + 25 + 132 \\
 &:= 1^9 + 2^6 + 3^2 + 3^3 + 11^2 = 19 + 26 + 32 + 33 + 112 \\
 &:= 2^0 + 2^2 + 2^5 + 4^3 + 11^2 = 20 + 22 + 25 + 43 + 112 \\
 &:= 2^0 + 2^2 + 2^6 + 3^2 + 12^2 = 20 + 22 + 26 + 32 + 122 \\
 &:= 2^0 + 2^6 + 5^2 + 5^3 + 7^1 = 20 + 26 + 52 + 53 + 71 \\
 &:= 2^0 + 2^7 + 3^0 + 3^4 + 11^1 = 20 + 27 + 30 + 34 + 111 \\
 &:= 2^0 + 2^7 + 4^1 + 5^2 + 8^2 = 20 + 27 + 41 + 52 + 82 \\
 &:= 2^4 + 4^2 + 4^3 + 5^3 + 6^0 = 24 + 42 + 43 + 53 + 60 \\
 &:= 2^7 + 3^1 + 3^2 + 4^0 + 9^2 = 27 + 31 + 32 + 40 + 92 \\
 &:= 3^3 + 3^4 + 4^0 + 4^3 + 7^2 = 33 + 34 + 40 + 43 + 72
 \end{aligned}$$

2.2.124 Number 223

$$\begin{aligned}
 223 &:= 8^1 + 15^2 &= 81 + 152 &:= 1^8 + 2^2 + 4^0 + 6^3 + 8^0 &= 18 + 22 + 40 + 63 + 80 \\
 &:= 1^0 + 1^9 + 5^2 + 14^2 &= 10 + 19 + 52 + 142 &:= 1^8 + 2^2 + 5^0 + 6^3 + 7^0 &= 18 + 22 + 50 + 63 + 70 \\
 &:= 1^1 + 1^8 + 5^2 + 14^2 &= 11 + 18 + 52 + 142 &:= 1^8 + 2^2 + 6^0 + 6^0 + 6^3 &= 18 + 22 + 60 + 60 + 63 \\
 &:= 1^2 + 1^7 + 5^2 + 14^2 &= 12 + 17 + 52 + 142 &:= 1^9 + 1^9 + 2^2 + 6^3 + 10^0 &= 19 + 19 + 22 + 63 + 100 \\
 &:= 1^3 + 1^6 + 5^2 + 14^2 &= 13 + 16 + 52 + 142 &:= 1^9 + 2^0 + 4^1 + 6^3 + 8^0 &= 19 + 20 + 41 + 63 + 80 \\
 &:= 1^4 + 1^5 + 5^2 + 14^2 &= 14 + 15 + 52 + 142 &:= 1^9 + 2^5 + 2^6 + 5^3 + 10^0 &= 19 + 25 + 26 + 53 + 100 \\
 &:= 1^9 + 5^1 + 6^3 + 9^0 &= 19 + 51 + 63 + 90 &:= 1^9 + 3^0 + 4^1 + 6^3 + 7^0 &= 19 + 30 + 41 + 63 + 70 \\
 &:= 1^0 + 1^3 + 2^6 + 6^2 + 11^2 &= 10 + 13 + 26 + 62 + 112 &:= 1^9 + 4^0 + 4^1 + 6^0 + 6^3 &= 19 + 40 + 41 + 60 + 63 \\
 &:= 1^0 + 1^5 + 2^4 + 3^2 + 14^2 &= 10 + 15 + 24 + 32 + 142 &:= 1^9 + 4^1 + 5^0 + 5^0 + 6^3 &= 19 + 41 + 50 + 50 + 63 \\
 &:= 1^0 + 1^8 + 2^2 + 6^3 + 11^0 &= 10 + 18 + 22 + 63 + 110 &:= 2^1 + 2^2 + 2^5 + 4^3 + 11^2 &= 21 + 22 + 25 + 43 + 112 \\
 &:= 1^0 + 1^9 + 4^1 + 6^3 + 9^0 &= 10 + 19 + 41 + 63 + 90 &:= 2^1 + 2^2 + 2^6 + 3^2 + 12^2 &= 21 + 22 + 26 + 32 + 122 \\
 &:= 1^1 + 1^2 + 2^6 + 6^2 + 11^2 &= 11 + 12 + 26 + 62 + 112 &:= 2^1 + 2^6 + 5^2 + 5^3 + 7^1 &= 21 + 26 + 52 + 53 + 71 \\
 &:= 1^1 + 1^4 + 2^4 + 3^2 + 14^2 &= 11 + 14 + 24 + 32 + 142 &:= 2^1 + 2^7 + 3^0 + 3^4 + 11^1 &= 21 + 27 + 30 + 34 + 111 \\
 &:= 1^1 + 1^7 + 2^2 + 6^3 + 11^0 &= 11 + 17 + 22 + 63 + 110 &:= 2^1 + 2^7 + 4^1 + 5^2 + 8^2 &= 21 + 27 + 41 + 52 + 82 \\
 &:= 1^1 + 1^8 + 4^1 + 6^3 + 9^0 &= 11 + 18 + 41 + 63 + 90 &:= 2^2 + 2^3 + 3^2 + 3^4 + 11^2 &= 22 + 23 + 32 + 34 + 112 \\
 &:= 1^1 + 2^4 + 3^4 + 5^2 + 10^2 &= 11 + 24 + 34 + 52 + 102 &:= 2^2 + 2^7 + 3^2 + 5^0 + 9^2 &= 22 + 27 + 32 + 50 + 92 \\
 &:= 1^1 + 2^6 + 5^2 + 5^3 + 8^1 &= 11 + 26 + 52 + 53 + 81 &:= 2^2 + 3^3 + 4^3 + 4^3 + 8^2 &= 22 + 33 + 43 + 43 + 82 \\
 &:= 1^1 + 2^7 + 3^0 + 3^4 + 12^1 &= 11 + 27 + 30 + 34 + 121 &:= 2^2 + 3^4 + 4^3 + 5^2 + 7^2 &= 22 + 34 + 43 + 52 + 72 \\
 &:= 1^1 + 2^7 + 5^1 + 5^2 + 8^2 &= 11 + 27 + 51 + 52 + 82 &:= 2^3 + 2^3 + 3^4 + 5^3 + 9^0 &= 23 + 23 + 34 + 53 + 90 \\
 &:= 1^2 + 1^3 + 2^4 + 3^2 + 14^2 &= 12 + 13 + 24 + 32 + 142 &:= 2^3 + 2^7 + 3^0 + 5^1 + 9^2 &= 23 + 27 + 30 + 51 + 92 \\
 &:= 1^2 + 1^6 + 2^2 + 6^3 + 11^0 &= 12 + 16 + 22 + 63 + 110 &:= 2^4 + 3^2 + 3^2 + 5^3 + 8^2 &= 24 + 32 + 32 + 53 + 82 \\
 &:= 1^2 + 1^7 + 4^1 + 6^3 + 9^0 &= 12 + 17 + 41 + 63 + 90 &:= 2^5 + 3^0 + 3^2 + 3^4 + 10^2 &= 25 + 30 + 32 + 34 + 102 \\
 &:= 1^2 + 2^4 + 3^4 + 4^1 + 11^2 &= 12 + 24 + 34 + 41 + 112 &:= 2^6 + 3^1 + 5^2 + 5^3 + 6^1 &= 26 + 31 + 52 + 53 + 61 \\
 &:= 1^2 + 2^5 + 4^3 + 5^3 + 9^0 &= 12 + 25 + 43 + 53 + 90 &:= 2^6 + 3^3 + 5^0 + 5^3 + 6^1 &= 26 + 33 + 50 + 53 + 61 \\
 &:= 1^3 + 1^5 + 2^2 + 6^3 + 11^0 &= 13 + 15 + 22 + 63 + 110 &:= 2^6 + 4^1 + 5^1 + 5^2 + 5^3 &= 26 + 41 + 51 + 52 + 53 \\
 &:= 1^3 + 1^6 + 4^1 + 6^3 + 9^0 &= 13 + 16 + 41 + 63 + 90 &:= 2^7 + 3^0 + 3^1 + 3^4 + 10^1 &= 27 + 30 + 31 + 34 + 101 \\
 &:= 1^3 + 2^1 + 2^3 + 2^4 + 14^2 &= 13 + 21 + 23 + 24 + 142 &:= 2^7 + 3^0 + 3^2 + 6^2 + 7^2 &= 27 + 30 + 32 + 62 + 72 \\
 &:= 1^3 + 2^2 + 3^4 + 4^2 + 11^2 &= 13 + 22 + 34 + 42 + 112 &:= 2^7 + 3^0 + 3^4 + 4^1 + 9^1 &= 27 + 30 + 34 + 41 + 91 \\
 &:= 1^3 + 2^3 + 5^2 + 5^3 + 8^2 &= 13 + 23 + 52 + 53 + 82 &:= 2^7 + 3^0 + 3^4 + 5^1 + 8^1 &= 27 + 30 + 34 + 51 + 81 \\
 &:= 1^3 + 2^5 + 5^0 + 5^3 + 8^2 &= 13 + 25 + 50 + 53 + 82 &:= 2^7 + 3^0 + 3^4 + 6^1 + 7^1 &= 27 + 30 + 34 + 61 + 71 \\
 &:= 1^4 + 1^4 + 2^2 + 6^3 + 11^0 &= 14 + 14 + 22 + 63 + 110 &:= 2^7 + 3^1 + 3^1 + 5^2 + 8^2 &= 27 + 31 + 31 + 52 + 82 \\
 &:= 1^4 + 1^5 + 4^1 + 6^3 + 9^0 &= 14 + 15 + 41 + 63 + 90 &:= 2^7 + 3^1 + 3^3 + 5^0 + 8^2 &= 27 + 31 + 33 + 50 + 82 \\
 &:= 1^8 + 2^0 + 2^2 + 6^3 + 10^0 &= 18 + 20 + 22 + 63 + 100 &:= 2^7 + 4^3 + 5^0 + 5^1 + 5^2 &= 27 + 43 + 50 + 51 + 52 \\
 &:= 1^8 + 2^1 + 3^1 + 6^3 + 9^0 &= 18 + 21 + 31 + 63 + 90 \\
 &:= 1^8 + 2^2 + 3^0 + 6^3 + 9^0 &= 18 + 22 + 30 + 63 + 90
 \end{aligned}$$

2.2.125 Number 224

$$\begin{aligned}
 224 &:= 6^3 + 7^1 + 9^0 &= 63 + 71 + 90 \\
 &:= 1^0 + 6^1 + 6^3 + 9^0 &= 10 + 61 + 63 + 90 \\
 &:= 2^0 + 6^1 + 6^3 + 8^0 &= 20 + 61 + 63 + 80 \\
 &:= 3^0 + 6^1 + 6^3 + 7^0 &= 30 + 61 + 63 + 70 \\
 &:= 4^0 + 6^0 + 6^1 + 6^3 &= 40 + 60 + 61 + 63 \\
 &:= 5^0 + 5^0 + 6^1 + 6^3 &= 50 + 50 + 61 + 63 \\
 &:= 1^0 + 1^0 + 1^0 + 5^2 + 14^2 &= 10 + 10 + 10 + 52 + 142 \\
 &:= 1^0 + 1^0 + 5^1 + 6^3 + 9^0 &= 10 + 10 + 51 + 63 + 90 \\
 &:= 1^0 + 2^0 + 5^1 + 6^3 + 8^0 &= 10 + 20 + 51 + 63 + 80 \\
 &:= 1^0 + 3^0 + 5^1 + 6^3 + 7^0 &= 10 + 30 + 51 + 63 + 70 \\
 &:= 1^0 + 4^0 + 5^1 + 6^0 + 6^3 &= 10 + 40 + 51 + 60 + 63 \\
 &:= 1^0 + 5^0 + 5^0 + 5^1 + 6^3 &= 10 + 50 + 50 + 51 + 63 \\
 &:= 1^1 + 1^9 + 5^1 + 6^3 + 8^0 &= 11 + 19 + 51 + 63 + 80 \\
 &:= 1^2 + 1^8 + 5^1 + 6^3 + 8^0 &= 12 + 18 + 51 + 63 + 80 \\
 &:= 1^2 + 2^0 + 2^7 + 3^4 + 13^1 &= 12 + 20 + 27 + 34 + 131 \\
 &:= 1^3 + 1^7 + 5^1 + 6^3 + 8^0 &= 13 + 17 + 51 + 63 + 80 \\
 &:= 1^3 + 1^9 + 2^7 + 3^4 + 13^1 &= 13 + 19 + 27 + 34 + 131 \\
 &:= 1^3 + 2^4 + 3^4 + 5^3 + 10^0 &= 13 + 24 + 34 + 53 + 100 \\
 &:= 1^4 + 1^6 + 5^1 + 6^3 + 8^0 &= 14 + 16 + 51 + 63 + 80 \\
 &:= 1^4 + 1^8 + 2^7 + 3^4 + 13^1 &= 14 + 18 + 27 + 34 + 131
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 1^5 + 5^1 + 6^3 + 8^0 &= 15 + 15 + 51 + 63 + 80 \\
 &:= 1^5 + 1^7 + 2^7 + 3^4 + 13^1 &= 15 + 17 + 27 + 34 + 131 \\
 &:= 1^5 + 2^4 + 4^0 + 5^3 + 9^2 &= 15 + 24 + 40 + 53 + 92 \\
 &:= 1^5 + 3^4 + 4^2 + 5^3 + 8^0 &= 15 + 34 + 42 + 53 + 80 \\
 &:= 1^6 + 1^6 + 2^7 + 3^4 + 13^1 &= 16 + 16 + 27 + 34 + 131 \\
 &:= 1^7 + 2^0 + 4^2 + 5^3 + 9^2 &= 17 + 20 + 42 + 53 + 92 \\
 &:= 1^8 + 1^9 + 4^2 + 5^3 + 9^2 &= 18 + 19 + 42 + 53 + 92 \\
 &:= 1^8 + 2^1 + 2^2 + 6^3 + 10^0 &= 18 + 21 + 22 + 63 + 100 \\
 &:= 1^9 + 2^1 + 4^1 + 6^3 + 8^0 &= 19 + 21 + 41 + 63 + 80 \\
 &:= 1^9 + 3^1 + 3^1 + 6^3 + 8^0 &= 19 + 31 + 31 + 63 + 80 \\
 &:= 2^0 + 2^0 + 5^1 + 6^3 + 7^0 &= 20 + 20 + 51 + 63 + 70 \\
 &:= 2^0 + 3^0 + 5^1 + 6^0 + 6^3 &= 20 + 30 + 51 + 60 + 63 \\
 &:= 2^0 + 4^0 + 5^0 + 5^1 + 6^3 &= 20 + 40 + 50 + 51 + 63 \\
 &:= 2^2 + 2^7 + 3^3 + 6^0 + 8^2 &= 22 + 27 + 33 + 60 + 82 \\
 &:= 2^2 + 2^7 + 3^4 + 4^0 + 10^1 &= 22 + 27 + 34 + 40 + 101 \\
 &:= 2^7 + 3^2 + 3^4 + 5^1 + 8^0 &= 27 + 32 + 34 + 51 + 80 \\
 &:= 2^7 + 3^3 + 4^1 + 4^3 + 8^0 &= 27 + 33 + 41 + 43 + 80 \\
 &:= 3^0 + 3^0 + 5^0 + 5^1 + 6^3 &= 30 + 30 + 50 + 51 + 63 \\
 &:= 3^0 + 4^0 + 4^0 + 5^1 + 6^3 &= 30 + 40 + 40 + 51 + 63
 \end{aligned}$$

2.2.126 Number 225

$$\begin{aligned}
 225 &:= 1^0 + 3^3 + 4^0 + 14^2 &= 10 + 33 + 40 + 142 \\
 &:= 1^1 + 6^3 + 7^1 + 8^0 &= 11 + 63 + 71 + 80 \\
 &:= 1^3 + 2^7 + 3^4 + 15^1 &= 13 + 27 + 34 + 151 \\
 &:= 1^8 + 4^2 + 4^3 + 12^2 &= 18 + 42 + 43 + 122 \\
 &:= 2^0 + 3^0 + 3^3 + 14^2 &= 20 + 30 + 33 + 142 \\
 &:= 2^1 + 6^1 + 6^3 + 8^0 &= 21 + 61 + 63 + 80 \\
 &:= 2^5 + 2^7 + 4^3 + 13^0 &= 25 + 27 + 43 + 130 \\
 &:= 3^1 + 5^1 + 6^3 + 8^0 &= 31 + 51 + 63 + 80 \\
 &:= 4^1 + 4^1 + 6^3 + 8^0 &= 41 + 41 + 63 + 80 \\
 &:= 1^0 + 1^1 + 6^1 + 6^3 + 8^0 &= 10 + 11 + 61 + 63 + 80 \\
 &:= 1^0 + 1^3 + 2^7 + 3^4 + 14^1 &= 10 + 13 + 27 + 34 + 141 \\
 &:= 1^0 + 1^7 + 3^3 + 3^3 + 13^2 &= 10 + 17 + 33 + 33 + 132 \\
 &:= 1^0 + 1^8 + 5^3 + 7^2 + 7^2 &= 10 + 18 + 53 + 72 + 72 \\
 &:= 1^0 + 2^1 + 5^1 + 6^3 + 8^0 &= 10 + 21 + 51 + 63 + 80 \\
 &:= 1^0 + 2^5 + 2^6 + 8^2 + 8^2 &= 10 + 25 + 26 + 82 + 82
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 3^1 + 4^1 + 6^3 + 8^0 &= 10 + 31 + 41 + 63 + 80 \\
 &:= 1^1 + 1^2 + 2^7 + 3^4 + 14^1 &= 11 + 12 + 27 + 34 + 141 \\
 &:= 1^1 + 1^6 + 3^3 + 3^3 + 13^2 &= 11 + 16 + 33 + 33 + 132 \\
 &:= 1^1 + 1^7 + 5^3 + 7^2 + 7^2 &= 11 + 17 + 53 + 72 + 72 \\
 &:= 1^1 + 2^0 + 6^1 + 6^3 + 7^0 &= 11 + 20 + 61 + 63 + 70 \\
 &:= 1^1 + 2^5 + 2^5 + 4^2 + 12^2 &= 11 + 25 + 25 + 42 + 122 \\
 &:= 1^1 + 3^0 + 6^0 + 6^1 + 6^3 &= 11 + 30 + 60 + 61 + 63 \\
 &:= 1^1 + 4^0 + 5^0 + 6^1 + 6^3 &= 11 + 40 + 50 + 61 + 63 \\
 &:= 1^2 + 1^5 + 3^3 + 3^3 + 13^2 &= 12 + 15 + 33 + 33 + 132 \\
 &:= 1^2 + 1^6 + 5^3 + 7^2 + 7^2 &= 12 + 16 + 53 + 72 + 72 \\
 &:= 1^2 + 1^9 + 6^1 + 6^3 + 7^0 &= 12 + 19 + 61 + 63 + 70 \\
 &:= 1^2 + 2^1 + 2^7 + 3^4 + 13^1 &= 12 + 21 + 27 + 34 + 131 \\
 &:= 1^2 + 2^3 + 2^7 + 7^1 + 9^2 &= 12 + 23 + 27 + 71 + 92 \\
 &:= 1^2 + 2^7 + 3^1 + 3^4 + 12^1 &= 12 + 27 + 31 + 34 + 121 \\
 &:= 1^2 + 2^7 + 3^4 + 4^1 + 11^1 &= 12 + 27 + 34 + 41 + 111
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 2^7 + 3^4 + 5^1 + 10^1 = 12 + 27 + 34 + 51 + 101 \\
 &:= 1^2 + 2^7 + 3^4 + 6^1 + 9^1 = 12 + 27 + 34 + 61 + 91 \\
 &:= 1^2 + 2^7 + 3^4 + 7^1 + 8^1 = 12 + 27 + 34 + 71 + 81 \\
 &:= 1^3 + 1^4 + 3^3 + 3^3 + 13^2 = 13 + 14 + 33 + 33 + 132 \\
 &:= 1^3 + 1^5 + 5^3 + 7^2 + 7^2 = 13 + 15 + 53 + 72 + 72 \\
 &:= 1^3 + 1^8 + 6^1 + 6^3 + 7^0 = 13 + 18 + 61 + 63 + 70 \\
 &:= 1^3 + 2^7 + 3^2 + 6^1 + 9^2 = 13 + 27 + 32 + 61 + 92 \\
 &:= 1^4 + 1^4 + 5^3 + 7^2 + 7^2 = 14 + 14 + 53 + 72 + 72 \\
 &:= 1^4 + 1^7 + 6^1 + 6^3 + 7^0 = 14 + 17 + 61 + 63 + 70 \\
 &:= 1^4 + 2^2 + 2^3 + 2^4 + 14^2 = 14 + 22 + 23 + 24 + 142 \\
 &:= 1^4 + 2^3 + 2^3 + 4^3 + 12^2 = 14 + 23 + 23 + 43 + 122 \\
 &:= 1^4 + 2^3 + 3^4 + 5^3 + 10^1 = 14 + 23 + 34 + 53 + 101 \\
 &:= 1^4 + 3^3 + 3^4 + 4^2 + 10^2 = 14 + 33 + 34 + 42 + 102 \\
 &:= 1^5 + 1^6 + 6^1 + 6^3 + 7^0 = 15 + 16 + 61 + 63 + 70 \\
 &:= 1^5 + 3^2 + 3^4 + 5^3 + 9^1 = 15 + 32 + 34 + 53 + 91 \\
 &:= 1^5 + 3^3 + 4^3 + 5^3 + 8^1 = 15 + 33 + 43 + 53 + 81 \\
 &:= 1^5 + 3^3 + 5^3 + 6^2 + 6^2 = 15 + 33 + 53 + 62 + 62 \\
 &:= 1^6 + 3^2 + 3^2 + 5^3 + 9^2 = 16 + 32 + 32 + 53 + 92 \\
 &:= 1^7 + 2^1 + 4^2 + 5^3 + 9^2 = 17 + 21 + 42 + 53 + 92 \\
 &:= 1^9 + 2^2 + 3^1 + 6^3 + 9^0 = 19 + 22 + 31 + 63 + 90 \\
 &:= 2^0 + 2^1 + 5^1 + 6^3 + 7^0 = 20 + 21 + 51 + 63 + 70
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 3^1 + 4^1 + 6^3 + 7^0 = 20 + 31 + 41 + 63 + 70 \\
 &:= 2^1 + 3^0 + 5^1 + 6^0 + 6^3 = 21 + 30 + 51 + 60 + 63 \\
 &:= 2^1 + 4^0 + 5^0 + 5^1 + 6^3 = 21 + 40 + 50 + 51 + 63 \\
 &:= 2^2 + 2^2 + 2^4 + 2^5 + 13^2 = 22 + 22 + 24 + 25 + 132 \\
 &:= 2^2 + 2^6 + 3^2 + 3^3 + 11^2 = 22 + 26 + 32 + 33 + 112 \\
 &:= 2^3 + 2^5 + 3^4 + 4^1 + 10^2 = 23 + 25 + 34 + 41 + 102 \\
 &:= 2^3 + 2^6 + 3^3 + 5^3 + 9^0 = 23 + 26 + 33 + 53 + 90 \\
 &:= 2^3 + 2^7 + 3^4 + 7^0 + 7^1 = 23 + 27 + 34 + 70 + 71 \\
 &:= 2^3 + 2^7 + 4^1 + 6^2 + 7^2 = 23 + 27 + 41 + 62 + 72 \\
 &:= 2^4 + 2^7 + 4^2 + 5^0 + 8^2 = 24 + 27 + 42 + 50 + 82 \\
 &:= 2^5 + 2^6 + 3^1 + 5^3 + 9^0 = 25 + 26 + 31 + 53 + 90 \\
 &:= 2^5 + 3^3 + 3^4 + 4^1 + 9^2 = 25 + 33 + 34 + 41 + 92 \\
 &:= 2^5 + 4^2 + 4^3 + 4^3 + 7^2 = 25 + 42 + 43 + 43 + 72 \\
 &:= 2^7 + 3^2 + 4^2 + 4^3 + 8^1 = 27 + 32 + 42 + 43 + 81 \\
 &:= 2^7 + 3^2 + 4^2 + 6^2 + 6^2 = 27 + 32 + 42 + 62 + 62 \\
 &:= 2^7 + 3^3 + 4^2 + 5^1 + 7^2 = 27 + 33 + 42 + 51 + 72 \\
 &:= 2^7 + 4^2 + 4^2 + 4^2 + 7^2 = 27 + 42 + 42 + 42 + 72 \\
 &:= 3^0 + 3^1 + 4^1 + 6^0 + 6^3 = 30 + 31 + 41 + 60 + 63 \\
 &:= 3^1 + 4^0 + 4^1 + 5^0 + 6^3 = 31 + 40 + 41 + 50 + 63 \\
 &:= 3^3 + 3^3 + 3^4 + 3^4 + 9^1 = 33 + 33 + 34 + 34 + 91
 \end{aligned}$$

2.2.127 Number 226

$$\begin{aligned}
 226 &:= 1^2 + 9^2 + 12^2 = 12 + 92 + 122 \\
 &:= 3^4 + 7^0 + 12^2 = 34 + 70 + 122 \\
 &:= 1^0 + 2^2 + 5^2 + 14^2 = 10 + 22 + 52 + 142 \\
 &:= 1^0 + 2^3 + 6^3 + 13^0 = 10 + 23 + 63 + 130 \\
 &:= 1^2 + 6^3 + 7^0 + 8^1 = 12 + 63 + 70 + 81 \\
 &:= 2^0 + 2^3 + 6^3 + 12^0 = 20 + 23 + 63 + 120 \\
 &:= 2^1 + 3^0 + 3^3 + 14^2 = 21 + 30 + 33 + 142 \\
 &:= 2^2 + 5^1 + 6^3 + 9^0 = 22 + 51 + 63 + 90 \\
 &:= 2^3 + 3^0 + 6^3 + 11^0 = 23 + 30 + 63 + 110 \\
 &:= 2^3 + 4^0 + 6^3 + 10^0 = 23 + 40 + 63 + 100 \\
 &:= 2^3 + 5^0 + 6^3 + 9^0 = 23 + 50 + 63 + 90 \\
 &:= 2^3 + 6^0 + 6^3 + 8^0 = 23 + 60 + 63 + 80 \\
 &:= 2^3 + 6^3 + 7^0 + 7^0 = 23 + 63 + 70 + 70 \\
 &:= 1^0 + 1^1 + 3^0 + 3^3 + 14^2 = 10 + 11 + 30 + 33 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^2 + 6^3 + 7^0 + 7^1 = 10 + 12 + 63 + 70 + 71 \\
 &:= 1^0 + 2^2 + 4^1 + 6^3 + 9^0 = 10 + 22 + 41 + 63 + 90 \\
 &:= 1^1 + 1^1 + 6^3 + 7^0 + 7^1 = 11 + 11 + 63 + 70 + 71 \\
 &:= 1^1 + 2^0 + 2^0 + 3^3 + 14^2 = 11 + 20 + 20 + 33 + 142 \\
 &:= 1^1 + 2^1 + 6^1 + 6^3 + 7^0 = 11 + 21 + 61 + 63 + 70 \\
 &:= 1^1 + 2^5 + 2^7 + 4^3 + 12^0 = 11 + 25 + 27 + 43 + 120 \\
 &:= 1^1 + 3^1 + 5^1 + 6^3 + 7^0 = 11 + 31 + 51 + 63 + 70 \\
 &:= 1^1 + 4^1 + 4^1 + 6^3 + 7^0 = 11 + 41 + 41 + 63 + 70 \\
 &:= 1^2 + 1^9 + 2^0 + 3^3 + 14^2 = 12 + 19 + 20 + 33 + 142 \\
 &:= 1^2 + 2^0 + 6^0 + 6^3 + 7^1 = 12 + 20 + 60 + 63 + 71 \\
 &:= 1^2 + 2^5 + 2^7 + 8^0 + 8^2 = 12 + 25 + 27 + 80 + 82 \\
 &:= 1^2 + 3^0 + 5^0 + 6^3 + 7^1 = 12 + 30 + 50 + 63 + 71 \\
 &:= 1^2 + 4^0 + 4^0 + 6^3 + 7^1 = 12 + 40 + 40 + 63 + 71 \\
 &:= 1^3 + 1^8 + 2^0 + 3^3 + 14^2 = 13 + 18 + 20 + 33 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^9 + 1^9 + 3^3 + 14^2 = 13 + 19 + 19 + 33 + 142 \\
 &:= 1^3 + 1^9 + 6^0 + 6^3 + 7^1 = 13 + 19 + 60 + 63 + 71 \\
 &:= 1^4 + 1^7 + 2^0 + 3^3 + 14^2 = 14 + 17 + 20 + 33 + 142 \\
 &:= 1^4 + 1^8 + 1^9 + 3^3 + 14^2 = 14 + 18 + 19 + 33 + 142 \\
 &:= 1^4 + 1^8 + 6^0 + 6^3 + 7^1 = 14 + 18 + 60 + 63 + 71 \\
 &:= 1^4 + 2^4 + 2^6 + 4^0 + 12^2 = 14 + 24 + 26 + 40 + 122 \\
 &:= 1^5 + 1^6 + 2^0 + 3^3 + 14^2 = 15 + 16 + 20 + 33 + 142 \\
 &:= 1^5 + 1^7 + 1^9 + 3^3 + 14^2 = 15 + 17 + 19 + 33 + 142 \\
 &:= 1^5 + 1^7 + 6^0 + 6^3 + 7^1 = 15 + 17 + 60 + 63 + 71 \\
 &:= 1^5 + 1^8 + 1^8 + 3^3 + 14^2 = 15 + 18 + 18 + 33 + 142 \\
 &:= 1^6 + 1^6 + 1^9 + 3^3 + 14^2 = 16 + 16 + 19 + 33 + 142 \\
 &:= 1^6 + 1^6 + 6^0 + 6^3 + 7^1 = 16 + 16 + 60 + 63 + 71 \\
 &:= 1^6 + 1^7 + 1^8 + 3^3 + 14^2 = 16 + 17 + 18 + 33 + 142 \\
 &:= 1^6 + 2^0 + 2^6 + 4^2 + 12^2 = 16 + 20 + 26 + 42 + 122 \\
 &:= 1^7 + 1^7 + 1^7 + 3^3 + 14^2 = 17 + 17 + 17 + 33 + 142 \\
 &:= 1^7 + 1^9 + 2^6 + 4^2 + 12^2 = 17 + 19 + 26 + 42 + 122 \\
 &:= 1^7 + 2^0 + 2^4 + 4^3 + 12^2 = 17 + 20 + 24 + 43 + 122 \\
 &:= 1^8 + 1^8 + 2^6 + 4^2 + 12^2 = 18 + 18 + 26 + 42 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 1^9 + 2^4 + 4^3 + 12^2 = 18 + 19 + 24 + 43 + 122 \\
 &:= 1^8 + 2^5 + 2^6 + 2^7 + 13^0 = 18 + 25 + 26 + 27 + 130 \\
 &:= 1^9 + 2^2 + 2^2 + 6^3 + 10^0 = 19 + 22 + 22 + 63 + 100 \\
 &:= 2^0 + 2^2 + 4^1 + 6^3 + 8^0 = 20 + 22 + 41 + 63 + 80 \\
 &:= 2^1 + 2^1 + 5^1 + 6^3 + 7^0 = 21 + 21 + 51 + 63 + 70 \\
 &:= 2^1 + 3^1 + 4^1 + 6^3 + 7^0 = 21 + 31 + 41 + 63 + 70 \\
 &:= 2^2 + 2^5 + 2^6 + 5^3 + 10^0 = 22 + 25 + 26 + 53 + 100 \\
 &:= 2^2 + 3^0 + 4^1 + 6^3 + 7^0 = 22 + 30 + 41 + 63 + 70 \\
 &:= 2^2 + 4^0 + 4^1 + 6^0 + 6^3 = 22 + 40 + 41 + 60 + 63 \\
 &:= 2^2 + 4^1 + 5^0 + 5^0 + 6^3 = 22 + 41 + 50 + 50 + 63 \\
 &:= 2^3 + 2^5 + 2^6 + 4^0 + 11^2 = 23 + 25 + 26 + 40 + 112 \\
 &:= 2^4 + 2^6 + 3^4 + 6^0 + 8^2 = 24 + 26 + 34 + 60 + 82 \\
 &:= 2^5 + 2^7 + 4^2 + 6^0 + 7^2 = 25 + 27 + 42 + 60 + 72 \\
 &:= 2^6 + 2^6 + 4^0 + 4^2 + 9^2 = 26 + 26 + 40 + 42 + 92 \\
 &:= 2^6 + 2^7 + 4^0 + 5^2 + 8^1 = 26 + 27 + 40 + 52 + 81 \\
 &:= 3^1 + 3^1 + 3^1 + 6^3 + 7^0 = 31 + 31 + 31 + 63 + 70
 \end{aligned}$$

2.2.128 Number 227

$$\begin{aligned}
 227 &:= 1^5 + 6^0 + 15^2 = 15 + 60 + 152 \\
 &:= 1^1 + 3^4 + 6^0 + 12^2 = 11 + 34 + 60 + 122 \\
 &:= 1^2 + 3^2 + 6^3 + 12^0 = 12 + 32 + 63 + 120 \\
 &:= 1^2 + 5^3 + 6^0 + 10^2 = 12 + 53 + 60 + 102 \\
 &:= 1^3 + 6^0 + 6^3 + 9^1 = 13 + 60 + 63 + 91 \\
 &:= 1^7 + 2^6 + 9^2 + 9^2 = 17 + 26 + 92 + 92 \\
 &:= 1^8 + 2^5 + 5^2 + 13^2 = 18 + 25 + 52 + 132 \\
 &:= 1^9 + 3^4 + 8^2 + 9^2 = 19 + 34 + 82 + 92 \\
 &:= 2^1 + 2^3 + 6^3 + 12^0 = 21 + 23 + 63 + 120 \\
 &:= 1^0 + 1^1 + 2^3 + 6^3 + 12^0 = 10 + 11 + 23 + 63 + 120 \\
 &:= 1^0 + 1^3 + 6^0 + 6^3 + 8^1 = 10 + 13 + 60 + 63 + 81 \\
 &:= 1^0 + 2^0 + 5^3 + 6^2 + 8^2 = 10 + 20 + 53 + 62 + 82 \\
 &:= 1^1 + 1^2 + 6^0 + 6^3 + 8^1 = 11 + 12 + 60 + 63 + 81 \\
 &:= 1^1 + 1^9 + 5^3 + 6^2 + 8^2 = 11 + 19 + 53 + 62 + 82 \\
 &:= 1^1 + 2^0 + 2^1 + 3^3 + 14^2 = 11 + 20 + 21 + 33 + 142 \\
 &:= 1^1 + 2^0 + 2^3 + 6^3 + 11^0 = 11 + 20 + 23 + 63 + 110 \\
 &:= 1^1 + 2^2 + 5^1 + 6^3 + 8^0 = 11 + 22 + 51 + 63 + 80 \\
 &:= 1^1 + 2^3 + 3^0 + 6^3 + 10^0 = 11 + 23 + 30 + 63 + 100
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^3 + 4^0 + 6^3 + 9^0 = 11 + 23 + 40 + 63 + 90 \\
 &:= 1^1 + 2^3 + 5^0 + 6^3 + 8^0 = 11 + 23 + 50 + 63 + 80 \\
 &:= 1^1 + 2^3 + 6^0 + 6^3 + 7^0 = 11 + 23 + 60 + 63 + 70 \\
 &:= 1^2 + 1^8 + 5^3 + 6^2 + 8^2 = 12 + 18 + 53 + 62 + 82 \\
 &:= 1^2 + 1^9 + 2^1 + 3^3 + 14^2 = 12 + 19 + 21 + 33 + 142 \\
 &:= 1^2 + 1^9 + 2^3 + 6^3 + 11^0 = 12 + 19 + 23 + 63 + 110 \\
 &:= 1^2 + 2^1 + 6^0 + 6^3 + 7^1 = 12 + 21 + 60 + 63 + 71 \\
 &:= 1^2 + 2^4 + 2^7 + 3^4 + 13^0 = 12 + 24 + 27 + 34 + 130 \\
 &:= 1^2 + 2^5 + 2^6 + 7^2 + 9^2 = 12 + 25 + 26 + 72 + 92 \\
 &:= 1^2 + 3^1 + 6^0 + 6^1 + 6^3 = 12 + 31 + 60 + 61 + 63 \\
 &:= 1^2 + 4^1 + 5^1 + 6^0 + 6^3 = 12 + 41 + 51 + 60 + 63 \\
 &:= 1^3 + 1^7 + 5^3 + 6^2 + 8^2 = 13 + 17 + 53 + 62 + 82 \\
 &:= 1^3 + 1^8 + 2^1 + 3^3 + 14^2 = 13 + 18 + 21 + 33 + 142 \\
 &:= 1^3 + 1^8 + 2^3 + 6^3 + 11^0 = 13 + 18 + 23 + 63 + 110 \\
 &:= 1^3 + 2^0 + 5^0 + 6^3 + 8^1 = 13 + 20 + 50 + 63 + 81 \\
 &:= 1^3 + 2^2 + 2^7 + 3^4 + 13^1 = 13 + 22 + 27 + 34 + 131 \\
 &:= 1^3 + 2^4 + 2^6 + 5^2 + 11^2 = 13 + 24 + 26 + 52 + 112 \\
 &:= 1^3 + 3^0 + 4^0 + 6^3 + 8^1 = 13 + 30 + 40 + 63 + 81
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 1^6 + 5^3 + 6^2 + 8^2 = 14 + 16 + 53 + 62 + 82 \\
 &:= 1^4 + 1^7 + 2^1 + 3^3 + 14^2 = 14 + 17 + 21 + 33 + 142 \\
 &:= 1^4 + 1^7 + 2^3 + 6^3 + 11^0 = 14 + 17 + 23 + 63 + 110 \\
 &:= 1^4 + 1^9 + 5^0 + 6^3 + 8^1 = 14 + 19 + 50 + 63 + 81 \\
 &:= 1^4 + 2^4 + 2^5 + 3^2 + 13^2 = 14 + 24 + 25 + 32 + 132 \\
 &:= 1^4 + 2^4 + 2^7 + 7^0 + 9^2 = 14 + 24 + 27 + 70 + 92 \\
 &:= 1^4 + 2^5 + 3^4 + 7^2 + 8^2 = 14 + 25 + 34 + 72 + 82 \\
 &:= 1^4 + 2^6 + 3^3 + 5^3 + 10^1 = 14 + 26 + 33 + 53 + 101 \\
 &:= 1^4 + 2^6 + 4^3 + 7^2 + 7^2 = 14 + 26 + 43 + 72 + 72 \\
 &:= 1^4 + 2^7 + 3^3 + 7^1 + 8^2 = 14 + 27 + 33 + 71 + 82 \\
 &:= 1^4 + 2^7 + 3^4 + 4^2 + 11^0 = 14 + 27 + 34 + 42 + 110 \\
 &:= 1^4 + 2^7 + 4^3 + 5^2 + 9^1 = 14 + 27 + 43 + 52 + 91 \\
 &:= 1^5 + 1^5 + 5^3 + 6^2 + 8^2 = 15 + 15 + 53 + 62 + 82 \\
 &:= 1^5 + 1^6 + 2^1 + 3^3 + 14^2 = 15 + 16 + 21 + 33 + 142 \\
 &:= 1^5 + 1^6 + 2^3 + 6^3 + 11^0 = 15 + 16 + 23 + 63 + 110 \\
 &:= 1^5 + 1^8 + 5^0 + 6^3 + 8^1 = 15 + 18 + 50 + 63 + 81 \\
 &:= 1^5 + 2^5 + 3^2 + 4^3 + 11^2 = 15 + 25 + 32 + 43 + 112 \\
 &:= 1^5 + 2^6 + 3^2 + 3^2 + 12^2 = 15 + 26 + 32 + 32 + 122 \\
 &:= 1^6 + 1^7 + 5^0 + 6^3 + 8^1 = 16 + 17 + 50 + 63 + 81 \\
 &:= 1^6 + 2^1 + 2^6 + 4^2 + 12^2 = 16 + 21 + 26 + 42 + 122 \\
 &:= 1^6 + 2^3 + 3^4 + 4^2 + 11^2 = 16 + 23 + 34 + 42 + 112 \\
 &:= 1^6 + 2^4 + 5^3 + 6^2 + 7^2 = 16 + 24 + 53 + 62 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^5 + 5^1 + 5^3 + 8^2 = 16 + 25 + 51 + 53 + 82 \\
 &:= 1^6 + 2^6 + 5^3 + 6^2 + 7^0 = 16 + 26 + 53 + 62 + 70 \\
 &:= 1^6 + 2^7 + 4^2 + 5^0 + 9^2 = 16 + 27 + 42 + 50 + 92 \\
 &:= 1^7 + 2^1 + 2^4 + 4^3 + 12^2 = 17 + 21 + 24 + 43 + 122 \\
 &:= 1^7 + 2^4 + 4^1 + 5^3 + 9^2 = 17 + 24 + 41 + 53 + 92 \\
 &:= 1^7 + 3^3 + 5^2 + 5^3 + 7^2 = 17 + 33 + 52 + 53 + 72 \\
 &:= 1^8 + 2^2 + 4^2 + 5^3 + 9^2 = 18 + 22 + 42 + 53 + 92 \\
 &:= 1^9 + 4^3 + 5^0 + 5^3 + 6^2 = 19 + 43 + 50 + 53 + 62 \\
 &:= 2^1 + 2^2 + 4^1 + 6^3 + 8^0 = 21 + 22 + 41 + 63 + 80 \\
 &:= 2^2 + 3^1 + 3^1 + 6^3 + 8^0 = 22 + 31 + 31 + 63 + 80 \\
 &:= 2^3 + 2^4 + 2^5 + 3^3 + 12^2 = 23 + 24 + 25 + 33 + 122 \\
 &:= 2^3 + 2^6 + 3^4 + 4^3 + 10^1 = 23 + 26 + 34 + 43 + 101 \\
 &:= 2^4 + 2^5 + 2^5 + 3^1 + 12^2 = 24 + 25 + 25 + 31 + 122 \\
 &:= 2^4 + 2^5 + 3^4 + 7^2 + 7^2 = 24 + 25 + 34 + 72 + 72 \\
 &:= 2^4 + 2^7 + 3^2 + 4^3 + 10^1 = 24 + 27 + 32 + 43 + 101 \\
 &:= 2^4 + 2^7 + 3^3 + 7^1 + 7^2 = 24 + 27 + 33 + 71 + 72 \\
 &:= 2^5 + 2^6 + 3^3 + 4^1 + 10^2 = 25 + 26 + 33 + 41 + 102 \\
 &:= 2^5 + 2^6 + 3^4 + 7^0 + 7^2 = 25 + 26 + 34 + 70 + 72 \\
 &:= 2^5 + 2^7 + 5^2 + 6^1 + 6^2 = 25 + 27 + 52 + 61 + 62 \\
 &:= 2^6 + 2^7 + 3^2 + 5^2 + 9^0 = 26 + 27 + 32 + 52 + 90 \\
 &:= 2^6 + 2^7 + 3^3 + 7^0 + 7^1 = 26 + 27 + 33 + 70 + 71
 \end{aligned}$$

2.2.129 Number 228

$$\begin{aligned}
 228 &:= 1^0 + 1^6 + 5^0 + 15^2 = 10 + 16 + 50 + 152 \\
 &:= 1^1 + 1^5 + 5^0 + 15^2 = 11 + 15 + 50 + 152 \\
 &:= 1^2 + 1^4 + 5^0 + 15^2 = 12 + 14 + 50 + 152 \\
 &:= 1^2 + 3^3 + 4^1 + 14^2 = 12 + 33 + 41 + 142 \\
 &:= 1^3 + 1^3 + 5^0 + 15^2 = 13 + 13 + 50 + 152 \\
 &:= 1^4 + 5^0 + 6^3 + 10^1 = 14 + 50 + 63 + 101 \\
 &:= 1^6 + 2^0 + 4^0 + 15^2 = 16 + 20 + 40 + 152 \\
 &:= 1^6 + 3^0 + 3^0 + 15^2 = 16 + 30 + 30 + 152 \\
 &:= 1^7 + 1^9 + 4^0 + 15^2 = 17 + 19 + 40 + 152 \\
 &:= 1^8 + 1^8 + 4^0 + 15^2 = 18 + 18 + 40 + 152 \\
 &:= 3^0 + 3^4 + 5^2 + 11^2 = 30 + 34 + 52 + 112 \\
 &:= 3^1 + 5^3 + 6^2 + 8^2 = 31 + 53 + 62 + 82 \\
 &:= 1^0 + 1^0 + 3^4 + 8^2 + 9^2 = 10 + 10 + 34 + 82 + 92
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^2 + 3^1 + 3^3 + 14^2 = 10 + 12 + 31 + 33 + 142 \\
 &:= 1^0 + 1^2 + 3^4 + 5^0 + 12^2 = 10 + 12 + 34 + 50 + 122 \\
 &:= 1^0 + 1^3 + 3^2 + 6^3 + 11^0 = 10 + 13 + 32 + 63 + 110 \\
 &:= 1^0 + 1^3 + 5^0 + 5^3 + 10^2 = 10 + 13 + 50 + 53 + 102 \\
 &:= 1^0 + 1^4 + 5^0 + 6^3 + 9^1 = 10 + 14 + 50 + 63 + 91 \\
 &:= 1^0 + 2^1 + 5^3 + 6^2 + 8^2 = 10 + 21 + 53 + 62 + 82 \\
 &:= 1^1 + 1^1 + 3^1 + 3^3 + 14^2 = 11 + 11 + 31 + 33 + 142 \\
 &:= 1^1 + 1^1 + 3^4 + 5^0 + 12^2 = 11 + 11 + 34 + 50 + 122 \\
 &:= 1^1 + 1^2 + 3^2 + 6^3 + 11^0 = 11 + 12 + 32 + 63 + 110 \\
 &:= 1^1 + 1^2 + 5^0 + 5^3 + 10^2 = 11 + 12 + 50 + 53 + 102 \\
 &:= 1^1 + 1^3 + 5^0 + 6^3 + 9^1 = 11 + 13 + 50 + 63 + 91 \\
 &:= 1^1 + 2^1 + 2^1 + 3^3 + 14^2 = 11 + 21 + 21 + 33 + 142 \\
 &:= 1^1 + 2^1 + 2^3 + 6^3 + 11^0 = 11 + 21 + 23 + 63 + 110
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 1^2 + 5^0 + 6^3 + 9^1 = 12 + 12 + 50 + 63 + 91 \\
 &:= 1^2 + 2^0 + 3^4 + 4^0 + 12^2 = 12 + 20 + 34 + 40 + 122 \\
 &:= 1^2 + 2^2 + 6^1 + 6^3 + 7^0 = 12 + 22 + 61 + 63 + 70 \\
 &:= 1^2 + 3^0 + 3^0 + 3^4 + 12^2 = 12 + 30 + 30 + 34 + 122 \\
 &:= 1^3 + 1^9 + 3^4 + 4^0 + 12^2 = 13 + 19 + 34 + 40 + 122 \\
 &:= 1^3 + 2^0 + 3^2 + 6^3 + 10^0 = 13 + 20 + 32 + 63 + 100 \\
 &:= 1^3 + 2^0 + 4^0 + 5^3 + 10^2 = 13 + 20 + 40 + 53 + 102 \\
 &:= 1^3 + 2^1 + 5^0 + 6^3 + 8^1 = 13 + 21 + 50 + 63 + 81 \\
 &:= 1^3 + 3^0 + 3^0 + 5^3 + 10^2 = 13 + 30 + 30 + 53 + 102 \\
 &:= 1^3 + 3^0 + 3^2 + 6^3 + 9^0 = 13 + 30 + 32 + 63 + 90 \\
 &:= 1^3 + 3^1 + 5^0 + 6^3 + 7^1 = 13 + 31 + 50 + 63 + 71 \\
 &:= 1^3 + 3^2 + 4^0 + 6^3 + 8^0 = 13 + 32 + 40 + 63 + 80 \\
 &:= 1^3 + 3^2 + 5^0 + 6^3 + 7^0 = 13 + 32 + 50 + 63 + 70 \\
 &:= 1^3 + 3^2 + 6^0 + 6^0 + 6^3 = 13 + 32 + 60 + 60 + 63 \\
 &:= 1^3 + 4^1 + 5^0 + 6^1 + 6^3 = 13 + 41 + 50 + 61 + 63 \\
 &:= 1^3 + 5^0 + 5^1 + 5^1 + 6^3 = 13 + 50 + 51 + 51 + 63 \\
 &:= 1^4 + 1^8 + 3^4 + 4^0 + 12^2 = 14 + 18 + 34 + 40 + 122 \\
 &:= 1^4 + 1^9 + 3^2 + 6^3 + 10^0 = 14 + 19 + 32 + 63 + 100 \\
 &:= 1^4 + 1^9 + 4^0 + 5^3 + 10^2 = 14 + 19 + 40 + 53 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^0 + 4^0 + 6^3 + 9^1 = 14 + 20 + 40 + 63 + 91 \\
 &:= 1^4 + 2^6 + 3^4 + 3^4 + 12^0 = 14 + 26 + 34 + 34 + 120 \\
 &:= 1^4 + 3^0 + 3^0 + 6^3 + 9^1 = 14 + 30 + 30 + 63 + 91 \\
 &:= 1^5 + 1^7 + 3^4 + 4^0 + 12^2 = 15 + 17 + 34 + 40 + 122 \\
 &:= 1^5 + 1^8 + 3^2 + 6^3 + 10^0 = 15 + 18 + 32 + 63 + 100 \\
 &:= 1^5 + 1^8 + 4^0 + 5^3 + 10^2 = 15 + 18 + 40 + 53 + 102 \\
 &:= 1^5 + 1^9 + 4^0 + 6^3 + 9^1 = 15 + 19 + 40 + 63 + 91 \\
 &:= 1^6 + 1^6 + 3^4 + 4^0 + 12^2 = 16 + 16 + 34 + 40 + 122 \\
 &:= 1^6 + 1^7 + 3^2 + 6^3 + 10^0 = 16 + 17 + 32 + 63 + 100 \\
 &:= 1^6 + 1^7 + 4^0 + 5^3 + 10^2 = 16 + 17 + 40 + 53 + 102 \\
 &:= 1^6 + 1^8 + 4^0 + 6^3 + 9^1 = 16 + 18 + 40 + 63 + 91 \\
 &:= 1^6 + 2^6 + 3^4 + 6^0 + 9^2 = 16 + 26 + 34 + 60 + 92 \\
 &:= 1^7 + 1^7 + 4^0 + 6^3 + 9^1 = 17 + 17 + 40 + 63 + 91 \\
 &:= 1^7 + 2^7 + 4^0 + 7^2 + 7^2 = 17 + 27 + 40 + 72 + 72 \\
 &:= 1^7 + 3^4 + 3^4 + 4^3 + 10^0 = 17 + 34 + 34 + 43 + 100 \\
 &:= 1^8 + 3^4 + 3^4 + 6^0 + 8^2 = 18 + 34 + 34 + 60 + 82 \\
 &:= 1^9 + 3^4 + 4^0 + 4^3 + 9^2 = 19 + 34 + 40 + 43 + 92 \\
 &:= 2^2 + 2^2 + 3^1 + 6^3 + 9^0 = 22 + 22 + 31 + 63 + 90
 \end{aligned}$$

2.2.130 Number 229

$$\begin{aligned}
 229 &:= 2^7 + 10^0 + 10^2 = 27 + 100 + 102 \\
 &:= 1^5 + 4^0 + 6^3 + 11^1 = 15 + 40 + 63 + 111 \\
 &:= 1^6 + 2^1 + 4^0 + 15^2 = 16 + 21 + 40 + 152 \\
 &:= 1^9 + 2^6 + 8^2 + 10^2 = 19 + 26 + 82 + 102 \\
 &:= 1^0 + 1^0 + 1^7 + 4^0 + 15^2 = 10 + 10 + 17 + 40 + 152 \\
 &:= 1^0 + 1^1 + 1^6 + 4^0 + 15^2 = 10 + 11 + 16 + 40 + 152 \\
 &:= 1^0 + 1^2 + 1^5 + 4^0 + 15^2 = 10 + 12 + 15 + 40 + 152 \\
 &:= 1^0 + 1^3 + 1^4 + 4^0 + 15^2 = 10 + 13 + 14 + 40 + 152 \\
 &:= 1^0 + 1^5 + 4^0 + 6^3 + 10^1 = 10 + 15 + 40 + 63 + 101 \\
 &:= 1^0 + 1^7 + 2^0 + 3^0 + 15^2 = 10 + 17 + 20 + 30 + 152 \\
 &:= 1^0 + 1^8 + 1^9 + 3^0 + 15^2 = 10 + 18 + 19 + 30 + 152 \\
 &:= 1^1 + 1^1 + 1^5 + 4^0 + 15^2 = 11 + 11 + 15 + 40 + 152 \\
 &:= 1^1 + 1^2 + 1^4 + 4^0 + 15^2 = 11 + 12 + 14 + 40 + 152 \\
 &:= 1^1 + 1^3 + 1^3 + 4^0 + 15^2 = 11 + 13 + 13 + 40 + 152 \\
 &:= 1^1 + 1^4 + 4^0 + 6^3 + 10^1 = 11 + 14 + 40 + 63 + 101 \\
 &:= 1^1 + 1^6 + 2^0 + 3^0 + 15^2 = 11 + 16 + 20 + 30 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^7 + 1^9 + 3^0 + 15^2 = 11 + 17 + 19 + 30 + 152 \\
 &:= 1^1 + 1^8 + 1^8 + 3^0 + 15^2 = 11 + 18 + 18 + 30 + 152 \\
 &:= 1^1 + 2^0 + 3^4 + 5^2 + 11^2 = 11 + 20 + 34 + 52 + 112 \\
 &:= 1^2 + 1^2 + 1^3 + 4^0 + 15^2 = 12 + 12 + 13 + 40 + 152 \\
 &:= 1^2 + 1^3 + 4^0 + 6^3 + 10^1 = 12 + 13 + 40 + 63 + 101 \\
 &:= 1^2 + 1^5 + 2^0 + 3^0 + 15^2 = 12 + 15 + 20 + 30 + 152 \\
 &:= 1^2 + 1^6 + 1^9 + 3^0 + 15^2 = 12 + 16 + 19 + 30 + 152 \\
 &:= 1^2 + 1^7 + 1^8 + 3^0 + 15^2 = 12 + 17 + 18 + 30 + 152 \\
 &:= 1^2 + 1^9 + 3^4 + 5^2 + 11^2 = 12 + 19 + 34 + 52 + 112 \\
 &:= 1^2 + 2^0 + 2^2 + 3^3 + 14^2 = 12 + 20 + 22 + 33 + 142 \\
 &:= 1^2 + 2^1 + 3^4 + 4^0 + 12^2 = 12 + 21 + 34 + 40 + 122 \\
 &:= 1^2 + 2^3 + 3^1 + 6^3 + 10^0 = 12 + 23 + 31 + 63 + 100 \\
 &:= 1^3 + 1^4 + 2^0 + 3^0 + 15^2 = 13 + 14 + 20 + 30 + 152 \\
 &:= 1^3 + 1^5 + 1^9 + 3^0 + 15^2 = 13 + 15 + 19 + 30 + 152 \\
 &:= 1^3 + 1^6 + 1^8 + 3^0 + 15^2 = 13 + 16 + 18 + 30 + 152 \\
 &:= 1^3 + 1^7 + 1^7 + 3^0 + 15^2 = 13 + 17 + 17 + 30 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^8 + 3^4 + 5^2 + 11^2 = 13 + 18 + 34 + 52 + 112 \\
 &:= 1^3 + 1^9 + 2^2 + 3^3 + 14^2 = 13 + 19 + 22 + 33 + 142 \\
 &:= 1^3 + 2^1 + 3^2 + 6^3 + 10^0 = 13 + 21 + 32 + 63 + 100 \\
 &:= 1^3 + 2^1 + 4^0 + 5^3 + 10^2 = 13 + 21 + 40 + 53 + 102 \\
 &:= 1^3 + 2^2 + 6^0 + 6^3 + 7^1 = 13 + 22 + 60 + 63 + 71 \\
 &:= 1^3 + 2^6 + 2^7 + 5^2 + 11^1 = 13 + 26 + 27 + 52 + 111 \\
 &:= 1^4 + 1^4 + 1^9 + 3^0 + 15^2 = 14 + 14 + 19 + 30 + 152 \\
 &:= 1^4 + 1^5 + 1^8 + 3^0 + 15^2 = 14 + 15 + 18 + 30 + 152 \\
 &:= 1^4 + 1^6 + 1^7 + 3^0 + 15^2 = 14 + 16 + 17 + 30 + 152 \\
 &:= 1^4 + 1^7 + 3^4 + 5^2 + 11^2 = 14 + 17 + 34 + 52 + 112 \\
 &:= 1^4 + 1^8 + 2^2 + 3^3 + 14^2 = 14 + 18 + 22 + 33 + 142 \\
 &:= 1^4 + 2^1 + 4^0 + 6^3 + 9^1 = 14 + 21 + 40 + 63 + 91 \\
 &:= 1^4 + 3^1 + 4^0 + 6^3 + 8^1 = 14 + 31 + 40 + 63 + 81 \\
 &:= 1^4 + 4^0 + 4^1 + 6^3 + 7^1 = 14 + 40 + 41 + 63 + 71 \\
 &:= 1^4 + 4^0 + 5^1 + 6^1 + 6^3 = 14 + 40 + 51 + 61 + 63 \\
 &:= 1^5 + 1^5 + 1^7 + 3^0 + 15^2 = 15 + 15 + 17 + 30 + 152 \\
 &:= 1^5 + 1^6 + 1^6 + 3^0 + 15^2 = 15 + 16 + 16 + 30 + 152 \\
 &:= 1^5 + 1^6 + 3^4 + 5^2 + 11^2 = 15 + 16 + 34 + 52 + 112 \\
 &:= 1^5 + 1^7 + 2^2 + 3^3 + 14^2 = 15 + 17 + 22 + 33 + 142 \\
 &:= 1^5 + 2^0 + 3^0 + 6^3 + 10^1 = 15 + 20 + 30 + 63 + 101 \\
 &:= 1^6 + 1^6 + 2^2 + 3^3 + 14^2 = 16 + 16 + 22 + 33 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 1^9 + 3^0 + 6^3 + 10^1 = 16 + 19 + 30 + 63 + 101 \\
 &:= 1^6 + 2^4 + 2^4 + 3^3 + 13^2 = 16 + 24 + 24 + 33 + 132 \\
 &:= 1^6 + 2^4 + 2^6 + 4^1 + 12^2 = 16 + 24 + 26 + 41 + 122 \\
 &:= 1^6 + 2^6 + 3^3 + 4^2 + 11^2 = 16 + 26 + 33 + 42 + 112 \\
 &:= 1^6 + 2^6 + 4^3 + 6^2 + 8^2 = 16 + 26 + 43 + 62 + 82 \\
 &:= 1^7 + 1^8 + 3^0 + 6^3 + 10^1 = 17 + 18 + 30 + 63 + 101 \\
 &:= 1^7 + 2^0 + 2^0 + 2^0 + 15^2 = 17 + 20 + 20 + 20 + 152 \\
 &:= 1^7 + 2^2 + 2^6 + 4^2 + 12^2 = 17 + 22 + 26 + 42 + 122 \\
 &:= 1^7 + 2^3 + 2^3 + 2^4 + 14^2 = 17 + 23 + 23 + 24 + 142 \\
 &:= 1^7 + 2^4 + 3^3 + 4^3 + 11^2 = 17 + 24 + 33 + 43 + 112 \\
 &:= 1^8 + 1^9 + 2^0 + 2^0 + 15^2 = 18 + 19 + 20 + 20 + 152 \\
 &:= 1^8 + 2^2 + 2^4 + 4^3 + 12^2 = 18 + 22 + 24 + 43 + 122 \\
 &:= 1^9 + 1^9 + 1^9 + 2^0 + 15^2 = 19 + 19 + 19 + 20 + 152 \\
 &:= 2^2 + 2^2 + 2^2 + 6^3 + 10^0 = 22 + 22 + 22 + 63 + 100 \\
 &:= 2^4 + 2^5 + 2^6 + 6^2 + 9^2 = 24 + 25 + 26 + 62 + 92 \\
 &:= 2^5 + 2^5 + 2^7 + 6^2 + 9^0 = 25 + 25 + 27 + 62 + 90 \\
 &:= 2^5 + 2^6 + 2^7 + 4^1 + 11^0 = 25 + 26 + 27 + 41 + 110 \\
 &:= 2^6 + 2^6 + 3^2 + 3^4 + 11^1 = 26 + 26 + 32 + 34 + 111 \\
 &:= 2^6 + 2^6 + 3^3 + 4^3 + 10^1 = 26 + 26 + 33 + 43 + 101 \\
 &:= 3^1 + 4^0 + 4^3 + 5^3 + 6^2 = 31 + 40 + 43 + 53 + 62
 \end{aligned}$$

2.2.131 Number 230

$$\begin{aligned}
 230 &:= 1^1 + 2^7 + 9^0 + 10^2 = 11 + 27 + 90 + 102 \\
 &:= 1^3 + 2^3 + 5^2 + 14^2 = 13 + 23 + 52 + 142 \\
 &:= 1^3 + 2^5 + 5^0 + 14^2 = 13 + 25 + 50 + 142 \\
 &:= 1^6 + 3^0 + 6^3 + 12^1 = 16 + 30 + 63 + 121 \\
 &:= 1^7 + 3^0 + 3^1 + 15^2 = 17 + 30 + 31 + 152 \\
 &:= 2^2 + 3^4 + 8^2 + 9^2 = 22 + 34 + 82 + 92 \\
 &:= 2^4 + 3^2 + 3^2 + 14^2 = 24 + 32 + 32 + 142 \\
 &:= 1^0 + 1^0 + 2^6 + 8^2 + 10^2 = 10 + 10 + 26 + 82 + 102 \\
 &:= 1^0 + 1^2 + 2^4 + 4^2 + 14^2 = 10 + 12 + 24 + 42 + 142 \\
 &:= 1^0 + 1^6 + 3^0 + 6^3 + 11^1 = 10 + 16 + 30 + 63 + 111 \\
 &:= 1^0 + 1^7 + 2^1 + 3^0 + 15^2 = 10 + 17 + 21 + 30 + 152 \\
 &:= 1^0 + 2^4 + 2^4 + 3^0 + 14^2 = 10 + 24 + 24 + 30 + 142 \\
 &:= 1^0 + 2^5 + 3^0 + 3^3 + 13^2 = 10 + 25 + 30 + 33 + 132 \\
 &:= 1^1 + 1^1 + 2^4 + 4^2 + 14^2 = 11 + 11 + 24 + 42 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^5 + 3^0 + 6^3 + 11^1 = 11 + 15 + 30 + 63 + 111 \\
 &:= 1^1 + 1^6 + 2^1 + 3^0 + 15^2 = 11 + 16 + 21 + 30 + 152 \\
 &:= 1^1 + 2^1 + 3^4 + 5^2 + 11^2 = 11 + 21 + 34 + 52 + 112 \\
 &:= 1^1 + 2^2 + 5^3 + 6^2 + 8^2 = 11 + 22 + 53 + 62 + 82 \\
 &:= 1^2 + 1^4 + 3^0 + 6^3 + 11^1 = 12 + 14 + 30 + 63 + 111 \\
 &:= 1^2 + 1^5 + 2^1 + 3^0 + 15^2 = 12 + 15 + 21 + 30 + 152 \\
 &:= 1^2 + 2^1 + 2^2 + 3^3 + 14^2 = 12 + 21 + 22 + 33 + 142 \\
 &:= 1^2 + 2^2 + 2^3 + 6^3 + 11^0 = 12 + 22 + 23 + 63 + 110 \\
 &:= 1^2 + 3^0 + 4^3 + 4^3 + 10^2 = 12 + 30 + 43 + 43 + 102 \\
 &:= 1^3 + 1^3 + 3^0 + 6^3 + 11^1 = 13 + 13 + 30 + 63 + 111 \\
 &:= 1^3 + 1^4 + 2^1 + 3^0 + 15^2 = 13 + 14 + 21 + 30 + 152 \\
 &:= 1^3 + 2^3 + 4^1 + 6^3 + 9^0 = 13 + 23 + 41 + 63 + 90 \\
 &:= 1^3 + 3^0 + 3^1 + 3^4 + 12^2 = 13 + 30 + 31 + 34 + 122 \\
 &:= 1^4 + 2^2 + 5^0 + 6^3 + 8^1 = 14 + 22 + 50 + 63 + 81
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 3^0 + 3^1 + 5^3 + 10^2 = 14 + 30 + 31 + 53 + 102 \\ &:= 1^4 + 3^1 + 3^2 + 6^3 + 9^0 = 14 + 31 + 32 + 63 + 90 \\ &:= 1^5 + 2^1 + 3^0 + 6^3 + 10^1 = 15 + 21 + 30 + 63 + 101 \\ &:= 1^5 + 2^6 + 2^7 + 6^2 + 10^0 = 15 + 26 + 27 + 62 + 100 \\ &:= 1^5 + 3^0 + 3^1 + 6^3 + 9^1 = 15 + 30 + 31 + 63 + 91 \\ &:= 1^5 + 3^0 + 4^1 + 6^3 + 8^1 = 15 + 30 + 41 + 63 + 81 \\ &:= 1^5 + 3^0 + 5^1 + 6^3 + 7^1 = 15 + 30 + 51 + 63 + 71 \\ &:= 1^5 + 3^0 + 6^1 + 6^1 + 6^3 = 15 + 30 + 61 + 61 + 63 \\ &:= 1^6 + 2^0 + 2^0 + 6^3 + 11^1 = 16 + 20 + 20 + 63 + 111 \\ &:= 1^6 + 2^6 + 2^6 + 6^0 + 10^2 = 16 + 26 + 26 + 60 + 102 \\ &:= 1^7 + 1^9 + 2^0 + 6^3 + 11^1 = 17 + 19 + 20 + 63 + 111 \\ &:= 1^7 + 2^0 + 2^0 + 2^1 + 15^2 = 17 + 20 + 20 + 21 + 152 \\ &:= 1^8 + 1^8 + 2^0 + 6^3 + 11^1 = 18 + 18 + 20 + 63 + 111 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^9 + 1^9 + 6^3 + 11^1 = 18 + 19 + 19 + 63 + 111 \\ &:= 1^8 + 1^9 + 2^0 + 2^1 + 15^2 = 18 + 19 + 20 + 21 + 152 \\ &:= 1^8 + 2^7 + 4^3 + 6^2 + 8^0 = 18 + 27 + 43 + 62 + 80 \\ &:= 1^9 + 1^9 + 1^9 + 2^1 + 15^2 = 19 + 19 + 19 + 21 + 152 \\ &:= 1^9 + 2^6 + 4^0 + 4^3 + 10^2 = 19 + 26 + 40 + 43 + 102 \\ &:= 1^9 + 2^7 + 4^0 + 6^2 + 8^2 = 19 + 27 + 40 + 62 + 82 \\ &:= 2^0 + 2^0 + 2^4 + 2^4 + 14^2 = 20 + 20 + 24 + 24 + 142 \\ &:= 2^0 + 2^0 + 2^5 + 3^3 + 13^2 = 20 + 20 + 25 + 33 + 132 \\ &:= 2^2 + 4^3 + 5^0 + 5^3 + 6^2 = 22 + 43 + 50 + 53 + 62 \\ &:= 3^0 + 3^1 + 3^4 + 4^3 + 9^2 = 30 + 31 + 34 + 43 + 92 \\ &:= 3^0 + 3^4 + 4^2 + 5^3 + 7^1 = 30 + 34 + 42 + 53 + 71 \end{aligned}$$

2.2.132 Number 231

$$\begin{aligned} 231 &:= 1^7 + 2^0 + 6^3 + 13^1 = 17 + 20 + 63 + 131 \\ &:= 1^7 + 2^2 + 4^0 + 15^2 = 17 + 22 + 40 + 152 \\ &:= 1^8 + 1^9 + 6^3 + 13^1 = 18 + 19 + 63 + 131 \\ &:= 1^8 + 2^0 + 4^1 + 15^2 = 18 + 20 + 41 + 152 \\ &:= 1^9 + 1^9 + 4^1 + 15^2 = 19 + 19 + 41 + 152 \\ &:= 1^0 + 1^2 + 2^7 + 8^0 + 10^2 = 10 + 12 + 27 + 80 + 102 \\ &:= 1^0 + 1^4 + 2^5 + 4^0 + 14^2 = 10 + 14 + 25 + 40 + 142 \\ &:= 1^0 + 1^7 + 2^0 + 6^3 + 12^1 = 10 + 17 + 20 + 63 + 121 \\ &:= 1^0 + 1^8 + 1^9 + 6^3 + 12^1 = 10 + 18 + 19 + 63 + 121 \\ &:= 1^0 + 1^8 + 2^0 + 3^1 + 15^2 = 10 + 18 + 20 + 31 + 152 \\ &:= 1^0 + 1^9 + 1^9 + 3^1 + 15^2 = 10 + 19 + 19 + 31 + 152 \\ &:= 1^1 + 1^1 + 2^7 + 8^0 + 10^2 = 11 + 11 + 27 + 80 + 102 \\ &:= 1^1 + 1^3 + 2^5 + 4^0 + 14^2 = 11 + 13 + 25 + 40 + 142 \\ &:= 1^1 + 1^6 + 2^0 + 6^3 + 12^1 = 11 + 16 + 20 + 63 + 121 \\ &:= 1^1 + 1^7 + 1^9 + 6^3 + 12^1 = 11 + 17 + 19 + 63 + 121 \\ &:= 1^1 + 1^7 + 2^0 + 3^1 + 15^2 = 11 + 17 + 20 + 31 + 152 \\ &:= 1^1 + 1^8 + 1^8 + 6^3 + 12^1 = 11 + 18 + 18 + 63 + 121 \\ &:= 1^1 + 1^8 + 1^9 + 3^1 + 15^2 = 11 + 18 + 19 + 31 + 152 \\ &:= 1^2 + 1^2 + 2^5 + 4^0 + 14^2 = 12 + 12 + 25 + 40 + 142 \\ &:= 1^2 + 1^5 + 2^0 + 6^3 + 12^1 = 12 + 15 + 20 + 63 + 121 \\ &:= 1^2 + 1^6 + 1^9 + 6^3 + 12^1 = 12 + 16 + 19 + 63 + 121 \\ &:= 1^2 + 1^6 + 2^0 + 3^1 + 15^2 = 12 + 16 + 20 + 31 + 152 \\ &:= 1^2 + 1^7 + 1^8 + 6^3 + 12^1 = 12 + 17 + 18 + 63 + 121 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^7 + 1^9 + 3^1 + 15^2 = 12 + 17 + 19 + 31 + 152 \\ &:= 1^2 + 1^8 + 1^8 + 3^1 + 15^2 = 12 + 18 + 18 + 31 + 152 \\ &:= 1^2 + 2^0 + 2^7 + 7^0 + 10^2 = 12 + 20 + 27 + 70 + 102 \\ &:= 1^2 + 2^7 + 3^0 + 6^0 + 10^2 = 12 + 27 + 30 + 60 + 102 \\ &:= 1^2 + 2^7 + 4^0 + 5^0 + 10^2 = 12 + 27 + 40 + 50 + 102 \\ &:= 1^2 + 3^3 + 3^4 + 4^0 + 11^2 = 12 + 33 + 34 + 40 + 112 \\ &:= 1^3 + 1^4 + 2^0 + 6^3 + 12^1 = 13 + 14 + 20 + 63 + 121 \\ &:= 1^3 + 1^5 + 1^9 + 6^3 + 12^1 = 13 + 15 + 19 + 63 + 121 \\ &:= 1^3 + 1^5 + 2^0 + 3^1 + 15^2 = 13 + 15 + 20 + 31 + 152 \\ &:= 1^3 + 1^6 + 1^8 + 6^3 + 12^1 = 13 + 16 + 18 + 63 + 121 \\ &:= 1^3 + 1^6 + 1^9 + 3^1 + 15^2 = 13 + 16 + 19 + 31 + 152 \\ &:= 1^3 + 1^7 + 1^7 + 6^3 + 12^1 = 13 + 17 + 17 + 63 + 121 \\ &:= 1^3 + 1^7 + 1^8 + 3^1 + 15^2 = 13 + 17 + 18 + 31 + 152 \\ &:= 1^3 + 1^9 + 2^7 + 7^0 + 10^2 = 13 + 19 + 27 + 70 + 102 \\ &:= 1^3 + 2^2 + 3^4 + 4^0 + 12^2 = 13 + 22 + 34 + 40 + 122 \\ &:= 1^4 + 1^4 + 1^9 + 6^3 + 12^1 = 14 + 14 + 19 + 63 + 121 \\ &:= 1^4 + 1^4 + 2^0 + 3^1 + 15^2 = 14 + 14 + 20 + 31 + 152 \\ &:= 1^4 + 1^5 + 1^8 + 6^3 + 12^1 = 14 + 15 + 18 + 63 + 121 \\ &:= 1^4 + 1^5 + 1^9 + 3^1 + 15^2 = 14 + 15 + 19 + 31 + 152 \\ &:= 1^4 + 1^6 + 1^7 + 6^3 + 12^1 = 14 + 16 + 17 + 63 + 121 \\ &:= 1^4 + 1^6 + 1^8 + 3^1 + 15^2 = 14 + 16 + 18 + 31 + 152 \\ &:= 1^4 + 1^7 + 1^7 + 3^1 + 15^2 = 14 + 17 + 17 + 31 + 152 \\ &:= 1^4 + 1^8 + 2^7 + 7^0 + 10^2 = 14 + 18 + 27 + 70 + 102 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^0 + 2^5 + 3^0 + 14^2 = 14 + 20 + 25 + 30 + 142 \\
 &:= 1^4 + 2^0 + 3^4 + 4^1 + 12^2 = 14 + 20 + 34 + 41 + 122 \\
 &:= 1^4 + 2^2 + 3^2 + 6^3 + 10^0 = 14 + 22 + 32 + 63 + 100 \\
 &:= 1^4 + 2^2 + 4^0 + 5^3 + 10^2 = 14 + 22 + 40 + 53 + 102 \\
 &:= 1^4 + 2^3 + 5^1 + 6^3 + 8^0 = 14 + 23 + 51 + 63 + 80 \\
 &:= 1^5 + 1^5 + 1^7 + 6^3 + 12^1 = 15 + 15 + 17 + 63 + 121 \\
 &:= 1^5 + 1^5 + 1^8 + 3^1 + 15^2 = 15 + 15 + 18 + 31 + 152 \\
 &:= 1^5 + 1^6 + 1^6 + 6^3 + 12^1 = 15 + 16 + 16 + 63 + 121 \\
 &:= 1^5 + 1^6 + 1^7 + 3^1 + 15^2 = 15 + 16 + 17 + 31 + 152 \\
 &:= 1^5 + 1^7 + 2^7 + 7^0 + 10^2 = 15 + 17 + 27 + 70 + 102 \\
 &:= 1^5 + 1^9 + 2^5 + 3^0 + 14^2 = 15 + 19 + 25 + 30 + 142 \\
 &:= 1^5 + 1^9 + 3^4 + 4^1 + 12^2 = 15 + 19 + 34 + 41 + 122 \\
 &:= 1^5 + 2^0 + 4^1 + 5^3 + 10^2 = 15 + 20 + 41 + 53 + 102 \\
 &:= 1^5 + 2^2 + 4^0 + 6^3 + 9^1 = 15 + 22 + 40 + 63 + 91 \\
 &:= 1^5 + 3^2 + 4^1 + 6^3 + 8^0 = 15 + 32 + 41 + 63 + 80 \\
 &:= 1^6 + 1^6 + 1^6 + 3^1 + 15^2 = 16 + 16 + 16 + 31 + 152 \\
 &:= 1^6 + 1^6 + 2^7 + 7^0 + 10^2 = 16 + 16 + 27 + 70 + 102 \\
 &:= 1^6 + 1^8 + 2^5 + 3^0 + 14^2 = 16 + 18 + 25 + 30 + 142 \\
 &:= 1^6 + 1^8 + 3^4 + 4^1 + 12^2 = 16 + 18 + 34 + 41 + 122 \\
 &:= 1^6 + 1^9 + 4^1 + 5^3 + 10^2 = 16 + 19 + 41 + 53 + 102 \\
 &:= 1^6 + 2^0 + 2^1 + 6^3 + 11^1 = 16 + 20 + 21 + 63 + 111 \\
 &:= 1^6 + 2^0 + 3^1 + 6^3 + 10^1 = 16 + 20 + 31 + 63 + 101 \\
 &:= 1^6 + 2^0 + 4^1 + 6^3 + 9^1 = 16 + 20 + 41 + 63 + 91 \\
 &:= 1^6 + 2^0 + 5^1 + 6^3 + 8^1 = 16 + 20 + 51 + 63 + 81 \\
 &:= 1^6 + 2^0 + 6^1 + 6^3 + 7^1 = 16 + 20 + 61 + 63 + 71 \\
 &:= 1^6 + 2^3 + 2^7 + 3^4 + 13^1 = 16 + 23 + 27 + 34 + 131 \\
 &:= 1^7 + 1^7 + 2^5 + 3^0 + 14^2 = 17 + 17 + 25 + 30 + 142 \\
 &:= 1^7 + 1^7 + 3^4 + 4^1 + 12^2 = 17 + 17 + 34 + 41 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 1^8 + 4^1 + 5^3 + 10^2 = 17 + 18 + 41 + 53 + 102 \\
 &:= 1^7 + 1^9 + 2^1 + 6^3 + 11^1 = 17 + 19 + 21 + 63 + 111 \\
 &:= 1^7 + 1^9 + 3^1 + 6^3 + 10^1 = 17 + 19 + 31 + 63 + 101 \\
 &:= 1^7 + 1^9 + 4^1 + 6^3 + 9^1 = 17 + 19 + 41 + 63 + 91 \\
 &:= 1^7 + 1^9 + 5^1 + 6^3 + 8^1 = 17 + 19 + 51 + 63 + 81 \\
 &:= 1^7 + 1^9 + 6^1 + 6^3 + 7^1 = 17 + 19 + 61 + 63 + 71 \\
 &:= 1^7 + 2^0 + 2^1 + 2^1 + 15^2 = 17 + 20 + 21 + 21 + 152 \\
 &:= 1^7 + 2^7 + 3^2 + 3^4 + 12^1 = 17 + 27 + 32 + 34 + 121 \\
 &:= 1^7 + 2^7 + 3^3 + 4^3 + 11^1 = 17 + 27 + 33 + 43 + 111 \\
 &:= 1^8 + 1^8 + 2^1 + 6^3 + 11^1 = 18 + 18 + 21 + 63 + 111 \\
 &:= 1^8 + 1^8 + 3^1 + 6^3 + 10^1 = 18 + 18 + 31 + 63 + 101 \\
 &:= 1^8 + 1^8 + 4^1 + 6^3 + 9^1 = 18 + 18 + 41 + 63 + 91 \\
 &:= 1^8 + 1^8 + 5^1 + 6^3 + 8^1 = 18 + 18 + 51 + 63 + 81 \\
 &:= 1^8 + 1^8 + 6^1 + 6^3 + 7^1 = 18 + 18 + 61 + 63 + 71 \\
 &:= 1^8 + 1^9 + 2^1 + 2^1 + 15^2 = 18 + 19 + 21 + 21 + 152 \\
 &:= 1^8 + 2^5 + 3^3 + 3^3 + 12^2 = 18 + 25 + 33 + 33 + 122 \\
 &:= 1^8 + 2^5 + 3^4 + 6^2 + 9^2 = 18 + 25 + 34 + 62 + 92 \\
 &:= 1^9 + 2^5 + 4^3 + 5^3 + 9^1 = 19 + 25 + 43 + 53 + 91 \\
 &:= 1^9 + 2^7 + 4^1 + 7^2 + 7^2 = 19 + 27 + 41 + 72 + 72 \\
 &:= 1^9 + 2^7 + 4^2 + 5^1 + 9^2 = 19 + 27 + 42 + 51 + 92 \\
 &:= 2^0 + 2^1 + 2^4 + 2^4 + 14^2 = 20 + 21 + 24 + 24 + 142 \\
 &:= 2^0 + 2^1 + 2^5 + 3^3 + 13^2 = 20 + 21 + 25 + 33 + 132 \\
 &:= 2^0 + 2^4 + 5^2 + 5^3 + 8^2 = 20 + 24 + 52 + 53 + 82 \\
 &:= 2^0 + 3^4 + 4^3 + 6^2 + 7^2 = 20 + 34 + 43 + 62 + 72 \\
 &:= 2^2 + 3^4 + 4^0 + 4^3 + 9^2 = 22 + 34 + 40 + 43 + 92 \\
 &:= 2^5 + 2^5 + 2^7 + 3^3 + 12^1 = 25 + 25 + 27 + 33 + 121 \\
 &:= 3^4 + 3^4 + 4^0 + 4^1 + 8^2 = 34 + 34 + 40 + 41 + 82
 \end{aligned}$$

2.2.133 Number 232

232 := $1^8 + 6^3 + 15^1$	= 18 + 63 + 151	:= $1^2 + 1^7 + 5^1 + 15^2$	= 12 + 17 + 51 + 152
:= $1^9 + 6^1 + 15^2$	= 19 + 61 + 152	:= $1^3 + 1^5 + 6^3 + 14^1$	= 13 + 15 + 63 + 141
:= $1^0 + 1^8 + 6^3 + 14^1$	= 10 + 18 + 63 + 141	:= $1^3 + 1^6 + 5^1 + 15^2$	= 13 + 16 + 51 + 152
:= $1^0 + 1^9 + 5^1 + 15^2$	= 10 + 19 + 51 + 152	:= $1^4 + 1^4 + 6^3 + 14^1$	= 14 + 14 + 63 + 141
:= $1^1 + 1^7 + 6^3 + 14^1$	= 11 + 17 + 63 + 141	:= $1^4 + 1^5 + 5^1 + 15^2$	= 14 + 15 + 51 + 152
:= $1^1 + 1^8 + 5^1 + 15^2$	= 11 + 18 + 51 + 152	:= $1^5 + 3^4 + 6^1 + 12^2$	= 15 + 34 + 61 + 122
:= $1^2 + 1^6 + 6^3 + 14^1$	= 12 + 16 + 63 + 141	:= $1^6 + 5^3 + 6^1 + 10^2$	= 16 + 53 + 61 + 102

$$\begin{aligned}
 &:= 1^7 + 2^1 + 6^3 + 13^1 = 17 + 21 + 63 + 131 \\
 &:= 1^7 + 3^1 + 6^3 + 12^1 = 17 + 31 + 63 + 121 \\
 &:= 1^7 + 4^1 + 6^3 + 11^1 = 17 + 41 + 63 + 111 \\
 &:= 1^7 + 5^1 + 6^3 + 10^1 = 17 + 51 + 63 + 101 \\
 &:= 1^7 + 6^1 + 6^3 + 9^1 = 17 + 61 + 63 + 91 \\
 &:= 1^7 + 6^3 + 7^1 + 8^1 = 17 + 63 + 71 + 81 \\
 &:= 1^8 + 2^1 + 4^1 + 15^2 = 18 + 21 + 41 + 152 \\
 &:= 1^8 + 3^1 + 3^1 + 15^2 = 18 + 31 + 31 + 152 \\
 &:= 2^2 + 2^6 + 8^2 + 10^2 = 22 + 26 + 82 + 102 \\
 &:= 2^5 + 4^3 + 5^3 + 11^1 = 25 + 43 + 53 + 111 \\
 &:= 2^5 + 4^3 + 6^2 + 10^2 = 25 + 43 + 62 + 102 \\
 &:= 2^7 + 4^2 + 7^1 + 9^2 = 27 + 42 + 71 + 92 \\
 &:= 2^7 + 6^1 + 7^2 + 7^2 = 27 + 61 + 72 + 72 \\
 &:= 1^0 + 1^0 + 1^8 + 6^3 + 13^1 = 10 + 10 + 18 + 63 + 131 \\
 &:= 1^0 + 1^0 + 1^9 + 4^1 + 15^2 = 10 + 10 + 19 + 41 + 152 \\
 &:= 1^0 + 1^1 + 1^7 + 6^3 + 13^1 = 10 + 11 + 17 + 63 + 131 \\
 &:= 1^0 + 1^1 + 1^8 + 4^1 + 15^2 = 10 + 11 + 18 + 41 + 152 \\
 &:= 1^0 + 1^2 + 1^6 + 6^3 + 13^1 = 10 + 12 + 16 + 63 + 131 \\
 &:= 1^0 + 1^2 + 1^7 + 4^1 + 15^2 = 10 + 12 + 17 + 41 + 152 \\
 &:= 1^0 + 1^3 + 1^5 + 6^3 + 13^1 = 10 + 13 + 15 + 63 + 131 \\
 &:= 1^0 + 1^3 + 1^6 + 4^1 + 15^2 = 10 + 13 + 16 + 41 + 152 \\
 &:= 1^0 + 1^4 + 1^4 + 6^3 + 13^1 = 10 + 14 + 14 + 63 + 131 \\
 &:= 1^0 + 1^4 + 1^5 + 4^1 + 15^2 = 10 + 14 + 15 + 41 + 152 \\
 &:= 1^0 + 1^4 + 3^4 + 7^2 + 10^2 = 10 + 14 + 34 + 72 + 102 \\
 &:= 1^0 + 1^5 + 3^4 + 5^1 + 12^2 = 10 + 15 + 34 + 51 + 122 \\
 &:= 1^0 + 1^6 + 5^1 + 5^3 + 10^2 = 10 + 16 + 51 + 53 + 102 \\
 &:= 1^0 + 1^7 + 2^1 + 6^3 + 12^1 = 10 + 17 + 21 + 63 + 121 \\
 &:= 1^0 + 1^7 + 3^1 + 6^3 + 11^1 = 10 + 17 + 31 + 63 + 111 \\
 &:= 1^0 + 1^7 + 4^1 + 6^3 + 10^1 = 10 + 17 + 41 + 63 + 101 \\
 &:= 1^0 + 1^7 + 5^1 + 6^3 + 9^1 = 10 + 17 + 51 + 63 + 91 \\
 &:= 1^0 + 1^7 + 6^1 + 6^3 + 8^1 = 10 + 17 + 61 + 63 + 81 \\
 &:= 1^0 + 1^7 + 6^3 + 7^1 + 7^1 = 10 + 17 + 63 + 71 + 71 \\
 &:= 1^0 + 1^8 + 2^1 + 3^1 + 15^2 = 10 + 18 + 21 + 31 + 152 \\
 &:= 1^0 + 1^8 + 2^2 + 3^0 + 15^2 = 10 + 18 + 22 + 30 + 152 \\
 &:= 1^0 + 2^5 + 4^3 + 5^3 + 10^1 = 10 + 25 + 43 + 53 + 101 \\
 &:= 1^0 + 2^7 + 4^2 + 6^1 + 9^2 = 10 + 27 + 42 + 61 + 92 \\
 &:= 1^0 + 2^7 + 5^1 + 7^2 + 7^2 = 10 + 27 + 51 + 72 + 72 \\
 &:= 1^1 + 1^1 + 1^6 + 6^3 + 13^1 = 11 + 11 + 16 + 63 + 131
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 1^1 + 1^7 + 4^1 + 15^2 = 11 + 11 + 17 + 41 + 152 \\
 &:= 1^1 + 1^2 + 1^5 + 6^3 + 13^1 = 11 + 12 + 15 + 63 + 131 \\
 &:= 1^1 + 1^2 + 1^6 + 4^1 + 15^2 = 11 + 12 + 16 + 41 + 152 \\
 &:= 1^1 + 1^3 + 1^4 + 6^3 + 13^1 = 11 + 13 + 14 + 63 + 131 \\
 &:= 1^1 + 1^3 + 1^5 + 4^1 + 15^2 = 11 + 13 + 15 + 41 + 152 \\
 &:= 1^1 + 1^3 + 3^4 + 7^2 + 10^2 = 11 + 13 + 34 + 72 + 102 \\
 &:= 1^1 + 1^4 + 1^4 + 4^1 + 15^2 = 11 + 14 + 14 + 41 + 152 \\
 &:= 1^1 + 1^4 + 3^4 + 5^1 + 12^2 = 11 + 14 + 34 + 51 + 122 \\
 &:= 1^1 + 1^5 + 5^1 + 5^3 + 10^2 = 11 + 15 + 51 + 53 + 102 \\
 &:= 1^1 + 1^6 + 2^1 + 6^3 + 12^1 = 11 + 16 + 21 + 63 + 121 \\
 &:= 1^1 + 1^6 + 3^1 + 6^3 + 11^1 = 11 + 16 + 31 + 63 + 111 \\
 &:= 1^1 + 1^6 + 4^1 + 6^3 + 10^1 = 11 + 16 + 41 + 63 + 101 \\
 &:= 1^1 + 1^6 + 5^1 + 6^3 + 9^1 = 11 + 16 + 51 + 63 + 91 \\
 &:= 1^1 + 1^6 + 6^1 + 6^3 + 8^1 = 11 + 16 + 61 + 63 + 81 \\
 &:= 1^1 + 1^6 + 6^3 + 7^1 + 7^1 = 11 + 16 + 63 + 71 + 71 \\
 &:= 1^1 + 1^7 + 2^1 + 3^1 + 15^2 = 11 + 17 + 21 + 31 + 152 \\
 &:= 1^1 + 1^7 + 2^2 + 3^0 + 15^2 = 11 + 17 + 22 + 30 + 152 \\
 &:= 1^1 + 2^3 + 3^3 + 3^3 + 13^2 = 11 + 23 + 33 + 33 + 132 \\
 &:= 1^1 + 2^4 + 2^4 + 3^1 + 14^2 = 11 + 24 + 24 + 31 + 142 \\
 &:= 1^1 + 2^5 + 3^1 + 3^3 + 13^2 = 11 + 25 + 31 + 33 + 132 \\
 &:= 1^2 + 1^2 + 1^4 + 6^3 + 13^1 = 12 + 12 + 14 + 63 + 131 \\
 &:= 1^2 + 1^2 + 1^5 + 4^1 + 15^2 = 12 + 12 + 15 + 41 + 152 \\
 &:= 1^2 + 1^2 + 3^4 + 7^2 + 10^2 = 12 + 12 + 34 + 72 + 102 \\
 &:= 1^2 + 1^3 + 1^3 + 6^3 + 13^1 = 12 + 13 + 13 + 63 + 131 \\
 &:= 1^2 + 1^3 + 1^4 + 4^1 + 15^2 = 12 + 13 + 14 + 41 + 152 \\
 &:= 1^2 + 1^3 + 3^4 + 5^1 + 12^2 = 12 + 13 + 34 + 51 + 122 \\
 &:= 1^2 + 1^4 + 5^1 + 5^3 + 10^2 = 12 + 14 + 51 + 53 + 102 \\
 &:= 1^2 + 1^5 + 2^1 + 6^3 + 12^1 = 12 + 15 + 21 + 63 + 121 \\
 &:= 1^2 + 1^5 + 3^1 + 6^3 + 11^1 = 12 + 15 + 31 + 63 + 111 \\
 &:= 1^2 + 1^5 + 4^1 + 6^3 + 10^1 = 12 + 15 + 41 + 63 + 101 \\
 &:= 1^2 + 1^5 + 5^1 + 6^3 + 9^1 = 12 + 15 + 51 + 63 + 91 \\
 &:= 1^2 + 1^5 + 6^1 + 6^3 + 8^1 = 12 + 15 + 61 + 63 + 81 \\
 &:= 1^2 + 1^5 + 6^3 + 7^1 + 7^1 = 12 + 15 + 63 + 71 + 71 \\
 &:= 1^2 + 1^6 + 2^1 + 3^1 + 15^2 = 12 + 16 + 21 + 31 + 152 \\
 &:= 1^2 + 1^6 + 2^2 + 3^0 + 15^2 = 12 + 16 + 22 + 30 + 152 \\
 &:= 1^2 + 2^1 + 2^7 + 7^0 + 10^2 = 12 + 21 + 27 + 70 + 102 \\
 &:= 1^2 + 2^2 + 3^4 + 5^2 + 11^2 = 12 + 22 + 34 + 52 + 112 \\
 &:= 1^2 + 2^3 + 5^3 + 7^2 + 7^2 = 12 + 23 + 53 + 72 + 72
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 3^4 + 4^2 + 5^3 + 9^1 = 12 + 34 + 42 + 53 + 91 \\
 &:= 1^2 + 3^4 + 4^3 + 5^1 + 9^2 = 12 + 34 + 43 + 51 + 92 \\
 &:= 1^3 + 1^3 + 1^3 + 4^1 + 15^2 = 13 + 13 + 13 + 41 + 152 \\
 &:= 1^3 + 1^3 + 5^1 + 5^3 + 10^2 = 13 + 13 + 51 + 53 + 102 \\
 &:= 1^3 + 1^4 + 2^1 + 6^3 + 12^1 = 13 + 14 + 21 + 63 + 121 \\
 &:= 1^3 + 1^4 + 3^1 + 6^3 + 11^1 = 13 + 14 + 31 + 63 + 111 \\
 &:= 1^3 + 1^4 + 4^1 + 6^3 + 10^1 = 13 + 14 + 41 + 63 + 101 \\
 &:= 1^3 + 1^4 + 5^1 + 6^3 + 9^1 = 13 + 14 + 51 + 63 + 91 \\
 &:= 1^3 + 1^4 + 6^1 + 6^3 + 8^1 = 13 + 14 + 61 + 63 + 81 \\
 &:= 1^3 + 1^4 + 6^3 + 7^1 + 7^1 = 13 + 14 + 63 + 71 + 71 \\
 &:= 1^3 + 1^5 + 2^1 + 3^1 + 15^2 = 13 + 15 + 21 + 31 + 152 \\
 &:= 1^3 + 1^5 + 2^2 + 3^0 + 15^2 = 13 + 15 + 22 + 30 + 152 \\
 &:= 1^3 + 2^2 + 2^2 + 3^3 + 14^2 = 13 + 22 + 22 + 33 + 142 \\
 &:= 1^3 + 3^1 + 4^3 + 4^3 + 10^2 = 13 + 31 + 43 + 43 + 102 \\
 &:= 1^3 + 3^2 + 4^2 + 5^3 + 9^2 = 13 + 32 + 42 + 53 + 92 \\
 &:= 1^3 + 4^3 + 5^3 + 6^1 + 6^2 = 13 + 43 + 53 + 61 + 62 \\
 &:= 1^4 + 1^4 + 2^1 + 3^1 + 15^2 = 14 + 14 + 21 + 31 + 152 \\
 &:= 1^4 + 1^4 + 2^2 + 3^0 + 15^2 = 14 + 14 + 22 + 30 + 152 \\
 &:= 1^4 + 2^1 + 2^5 + 3^0 + 14^2 = 14 + 21 + 25 + 30 + 142 \\
 &:= 1^4 + 2^1 + 3^4 + 4^1 + 12^2 = 14 + 21 + 34 + 41 + 122 \\
 &:= 1^4 + 3^1 + 3^1 + 3^4 + 12^2 = 14 + 31 + 31 + 34 + 122 \\
 &:= 1^5 + 2^1 + 4^1 + 5^3 + 10^2 = 15 + 21 + 41 + 53 + 102 \\
 &:= 1^5 + 2^3 + 6^1 + 6^3 + 7^0 = 15 + 23 + 61 + 63 + 70 \\
 &:= 1^5 + 3^1 + 3^1 + 5^3 + 10^2 = 15 + 31 + 31 + 53 + 102 \\
 &:= 1^6 + 2^1 + 2^1 + 6^3 + 11^1 = 16 + 21 + 21 + 63 + 111 \\
 &:= 1^6 + 2^1 + 3^1 + 6^3 + 10^1 = 16 + 21 + 31 + 63 + 101 \\
 &:= 1^6 + 2^1 + 4^1 + 6^3 + 9^1 = 16 + 21 + 41 + 63 + 91 \\
 &:= 1^6 + 2^1 + 5^1 + 6^3 + 8^1 = 16 + 21 + 51 + 63 + 81 \\
 &:= 1^6 + 2^1 + 6^1 + 6^3 + 7^1 = 16 + 21 + 61 + 63 + 71
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^2 + 3^0 + 6^3 + 10^1 = 16 + 22 + 30 + 63 + 101 \\
 &:= 1^6 + 3^1 + 3^1 + 6^3 + 9^1 = 16 + 31 + 31 + 63 + 91 \\
 &:= 1^6 + 3^1 + 4^1 + 6^3 + 8^1 = 16 + 31 + 41 + 63 + 81 \\
 &:= 1^6 + 3^1 + 5^1 + 6^3 + 7^1 = 16 + 31 + 51 + 63 + 71 \\
 &:= 1^6 + 3^1 + 6^1 + 6^1 + 6^3 = 16 + 31 + 61 + 61 + 63 \\
 &:= 1^6 + 3^2 + 5^1 + 6^3 + 7^0 = 16 + 32 + 51 + 63 + 70 \\
 &:= 1^6 + 4^1 + 4^1 + 6^3 + 7^1 = 16 + 41 + 41 + 63 + 71 \\
 &:= 1^6 + 4^1 + 5^1 + 6^1 + 6^3 = 16 + 41 + 51 + 61 + 63 \\
 &:= 1^6 + 5^1 + 5^1 + 5^1 + 6^3 = 16 + 51 + 51 + 51 + 63 \\
 &:= 1^7 + 2^1 + 2^1 + 2^1 + 15^2 = 17 + 21 + 21 + 21 + 152 \\
 &:= 1^8 + 2^0 + 2^0 + 2^2 + 15^2 = 18 + 20 + 20 + 22 + 152 \\
 &:= 1^9 + 1^9 + 2^0 + 2^2 + 15^2 = 19 + 19 + 20 + 22 + 152 \\
 &:= 2^1 + 2^1 + 2^4 + 2^4 + 14^2 = 21 + 21 + 24 + 24 + 142 \\
 &:= 2^1 + 2^1 + 2^5 + 3^3 + 13^2 = 21 + 21 + 25 + 33 + 132 \\
 &:= 2^1 + 2^4 + 5^2 + 5^3 + 8^2 = 21 + 24 + 52 + 53 + 82 \\
 &:= 2^1 + 3^4 + 4^3 + 6^2 + 7^2 = 21 + 34 + 43 + 62 + 72 \\
 &:= 2^3 + 3^2 + 3^2 + 5^3 + 9^2 = 23 + 32 + 32 + 53 + 92 \\
 &:= 2^4 + 3^0 + 3^4 + 5^3 + 9^1 = 24 + 30 + 34 + 53 + 91 \\
 &:= 2^5 + 3^0 + 5^2 + 5^3 + 7^2 = 25 + 30 + 52 + 53 + 72 \\
 &:= 2^6 + 3^0 + 3^1 + 4^3 + 10^2 = 26 + 30 + 31 + 43 + 102 \\
 &:= 2^6 + 3^0 + 5^3 + 6^1 + 6^2 = 26 + 30 + 53 + 61 + 62 \\
 &:= 2^7 + 3^0 + 3^1 + 6^2 + 8^2 = 27 + 30 + 31 + 62 + 82 \\
 &:= 3^2 + 3^2 + 3^4 + 5^3 + 8^1 = 32 + 32 + 34 + 53 + 81 \\
 &:= 3^2 + 3^3 + 4^3 + 5^3 + 7^1 = 32 + 33 + 43 + 53 + 71 \\
 &:= 3^3 + 3^3 + 4^1 + 5^3 + 7^2 = 33 + 33 + 41 + 53 + 72 \\
 &:= 3^4 + 3^4 + 4^3 + 5^1 + 7^0 = 34 + 34 + 43 + 51 + 70 \\
 &:= 4^1 + 4^3 + 4^3 + 4^3 + 6^2 = 41 + 43 + 43 + 43 + 62
 \end{aligned}$$

2.2.134 Number 233

$$\begin{aligned}
 233 &:= 1^0 + 7^1 + 15^2 = 10 + 71 + 152 \\
 &:= 1^0 + 1^0 + 6^1 + 15^2 = 10 + 10 + 61 + 152 \\
 &:= 1^0 + 1^0 + 1^0 + 5^1 + 15^2 = 10 + 10 + 10 + 51 + 152 \\
 &:= 1^3 + 2^7 + 3^1 + 6^0 + 10^2 = 13 + 27 + 31 + 60 + 102 \\
 &:= 1^4 + 3^4 + 5^2 + 5^3 + 8^0 = 14 + 34 + 52 + 53 + 80 \\
 &:= 1^5 + 2^0 + 2^3 + 3^3 + 14^2 = 15 + 20 + 23 + 33 + 142 \\
 &:= 1^5 + 2^0 + 2^5 + 3^1 + 14^2 = 15 + 20 + 25 + 31 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 1^9 + 2^3 + 3^3 + 14^2 = 16 + 19 + 23 + 33 + 142 \\
 &:= 1^6 + 1^9 + 2^5 + 3^1 + 14^2 = 16 + 19 + 25 + 31 + 142 \\
 &:= 1^6 + 2^0 + 5^2 + 5^3 + 9^2 = 16 + 20 + 52 + 53 + 92 \\
 &:= 1^6 + 2^3 + 6^0 + 6^3 + 7^1 = 16 + 23 + 60 + 63 + 71 \\
 &:= 1^6 + 2^6 + 2^7 + 3^3 + 13^1 = 16 + 26 + 27 + 33 + 131 \\
 &:= 1^7 + 1^8 + 2^3 + 3^3 + 14^2 = 17 + 18 + 23 + 33 + 142 \\
 &:= 1^7 + 1^8 + 2^5 + 3^1 + 14^2 = 17 + 18 + 25 + 31 + 142
 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 1^9 + 5^2 + 5^3 + 9^2 = 17 + 19 + 52 + 53 + 92 \\ &:= 1^7 + 2^0 + 2^2 + 6^3 + 11^1 = 17 + 20 + 22 + 63 + 111 \\ &:= 1^7 + 3^2 + 6^0 + 6^1 + 6^3 = 17 + 32 + 60 + 61 + 63 \\ &:= 1^8 + 1^8 + 5^2 + 5^3 + 9^2 = 18 + 18 + 52 + 53 + 92 \\ &:= 1^8 + 1^9 + 2^2 + 6^3 + 11^1 = 18 + 19 + 22 + 63 + 111 \\ &:= 1^8 + 2^0 + 2^1 + 2^2 + 15^2 = 18 + 20 + 21 + 22 + 152 \\ &:= 1^8 + 2^5 + 2^6 + 5^3 + 11^1 = 18 + 25 + 26 + 53 + 111 \\ &:= 1^8 + 2^5 + 2^6 + 6^2 + 10^2 = 18 + 25 + 26 + 62 + 102 \\ &:= 1^8 + 2^5 + 2^7 + 8^1 + 8^2 = 18 + 25 + 27 + 81 + 82 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 1^9 + 2^1 + 2^2 + 15^2 = 19 + 19 + 21 + 22 + 152 \\ &:= 1^9 + 2^4 + 2^7 + 7^1 + 9^2 = 19 + 24 + 27 + 71 + 92 \\ &:= 2^0 + 2^3 + 2^6 + 4^2 + 12^2 = 20 + 23 + 26 + 42 + 122 \\ &:= 2^0 + 2^6 + 3^4 + 6^1 + 9^2 = 20 + 26 + 34 + 61 + 92 \\ &:= 2^2 + 2^6 + 4^0 + 4^3 + 10^2 = 22 + 26 + 40 + 43 + 102 \\ &:= 2^2 + 2^7 + 4^0 + 6^2 + 8^2 = 22 + 27 + 40 + 62 + 82 \\ &:= 2^4 + 3^3 + 4^3 + 5^3 + 8^0 = 24 + 33 + 43 + 53 + 80 \\ &:= 2^7 + 4^1 + 4^3 + 6^0 + 6^2 = 27 + 41 + 43 + 60 + 62 \end{aligned}$$

2.2.135 Number 234

$$\begin{aligned} 234 &:= 2^0 + 8^2 + 13^2 = 20 + 82 + 132 \\ &:= 1^0 + 2^0 + 6^2 + 14^2 = 10 + 20 + 62 + 142 \\ &:= 1^1 + 1^9 + 6^2 + 14^2 = 11 + 19 + 62 + 142 \\ &:= 1^2 + 1^8 + 6^2 + 14^2 = 12 + 18 + 62 + 142 \\ &:= 1^3 + 1^7 + 6^2 + 14^2 = 13 + 17 + 62 + 142 \\ &:= 1^4 + 1^6 + 6^2 + 14^2 = 14 + 16 + 62 + 142 \\ &:= 1^5 + 1^5 + 6^2 + 14^2 = 15 + 15 + 62 + 142 \\ &:= 1^6 + 2^5 + 5^1 + 14^2 = 16 + 25 + 51 + 142 \\ &:= 1^7 + 2^4 + 6^3 + 13^0 = 17 + 24 + 63 + 130 \\ &:= 1^7 + 4^3 + 5^2 + 12^2 = 17 + 43 + 52 + 122 \\ &:= 1^8 + 2^2 + 6^3 + 13^1 = 18 + 22 + 63 + 131 \\ &:= 1^9 + 2^2 + 4^1 + 15^2 = 19 + 22 + 41 + 152 \\ &:= 1^9 + 4^2 + 6^3 + 11^0 = 19 + 42 + 63 + 110 \\ &:= 2^4 + 2^7 + 9^1 + 9^2 = 24 + 27 + 91 + 92 \\ &:= 2^5 + 2^5 + 7^2 + 11^2 = 25 + 25 + 72 + 112 \\ &:= 1^0 + 1^6 + 2^5 + 4^1 + 14^2 = 10 + 16 + 25 + 41 + 142 \\ &:= 1^0 + 1^7 + 3^2 + 3^3 + 14^2 = 10 + 17 + 32 + 33 + 142 \\ &:= 1^0 + 1^8 + 2^2 + 6^3 + 12^1 = 10 + 18 + 22 + 63 + 121 \\ &:= 1^0 + 1^9 + 2^2 + 3^1 + 15^2 = 10 + 19 + 22 + 31 + 152 \\ &:= 1^0 + 2^4 + 2^7 + 8^1 + 9^2 = 10 + 24 + 27 + 81 + 92 \\ &:= 1^0 + 2^5 + 2^5 + 5^2 + 12^2 = 10 + 25 + 25 + 52 + 122 \\ &:= 1^1 + 1^5 + 2^5 + 4^1 + 14^2 = 11 + 15 + 25 + 41 + 142 \\ &:= 1^1 + 1^6 + 3^2 + 3^3 + 14^2 = 11 + 16 + 32 + 33 + 142 \\ &:= 1^1 + 1^7 + 2^2 + 6^3 + 12^1 = 11 + 17 + 22 + 63 + 121 \\ &:= 1^1 + 1^8 + 2^2 + 3^1 + 15^2 = 11 + 18 + 22 + 31 + 152 \\ &:= 1^1 + 2^4 + 2^5 + 4^2 + 13^2 = 11 + 24 + 25 + 42 + 132 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^6 + 3^4 + 7^1 + 9^2 = 11 + 26 + 34 + 71 + 92 \\ &:= 1^2 + 1^4 + 2^5 + 4^1 + 14^2 = 12 + 14 + 25 + 41 + 142 \\ &:= 1^2 + 1^5 + 3^2 + 3^3 + 14^2 = 12 + 15 + 32 + 33 + 142 \\ &:= 1^2 + 1^6 + 2^2 + 6^3 + 12^1 = 12 + 16 + 22 + 63 + 121 \\ &:= 1^2 + 1^7 + 2^2 + 3^1 + 15^2 = 12 + 17 + 22 + 31 + 152 \\ &:= 1^2 + 2^4 + 3^4 + 5^3 + 11^1 = 12 + 24 + 34 + 53 + 111 \\ &:= 1^2 + 2^4 + 3^4 + 6^2 + 10^2 = 12 + 24 + 34 + 62 + 102 \\ &:= 1^2 + 2^5 + 4^2 + 4^3 + 11^2 = 12 + 25 + 42 + 43 + 112 \\ &:= 1^2 + 2^6 + 3^2 + 4^2 + 12^2 = 12 + 26 + 32 + 42 + 122 \\ &:= 1^2 + 2^6 + 4^3 + 5^1 + 10^2 = 12 + 26 + 43 + 51 + 102 \\ &:= 1^2 + 2^6 + 5^3 + 6^2 + 8^1 = 12 + 26 + 53 + 62 + 81 \\ &:= 1^2 + 2^7 + 5^1 + 6^2 + 8^2 = 12 + 27 + 51 + 62 + 82 \\ &:= 1^3 + 1^3 + 2^5 + 4^1 + 14^2 = 13 + 13 + 25 + 41 + 142 \\ &:= 1^3 + 1^4 + 3^2 + 3^3 + 14^2 = 13 + 14 + 32 + 33 + 142 \\ &:= 1^3 + 1^5 + 2^2 + 6^3 + 12^1 = 13 + 15 + 22 + 63 + 121 \\ &:= 1^3 + 1^6 + 2^2 + 3^1 + 15^2 = 13 + 16 + 22 + 31 + 152 \\ &:= 1^3 + 2^2 + 2^7 + 7^0 + 10^2 = 13 + 22 + 27 + 70 + 102 \\ &:= 1^3 + 2^4 + 3^2 + 4^3 + 12^2 = 13 + 24 + 32 + 43 + 122 \\ &:= 1^3 + 3^3 + 3^4 + 5^2 + 10^2 = 13 + 33 + 34 + 52 + 102 \\ &:= 1^3 + 3^4 + 3^4 + 7^1 + 8^2 = 13 + 34 + 34 + 71 + 82 \\ &:= 1^4 + 1^4 + 2^2 + 6^3 + 12^1 = 14 + 14 + 22 + 63 + 121 \\ &:= 1^4 + 1^5 + 2^2 + 3^1 + 15^2 = 14 + 15 + 22 + 31 + 152 \\ &:= 1^4 + 2^3 + 5^3 + 6^2 + 8^2 = 14 + 23 + 53 + 62 + 82 \\ &:= 1^4 + 2^7 + 4^1 + 5^0 + 10^2 = 14 + 27 + 41 + 50 + 102 \\ &:= 1^4 + 3^3 + 3^4 + 4^1 + 11^2 = 14 + 33 + 34 + 41 + 112 \\ &:= 1^5 + 2^1 + 2^3 + 3^3 + 14^2 = 15 + 21 + 23 + 33 + 142 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 2^1 + 2^5 + 3^1 + 14^2 = 15 + 21 + 25 + 31 + 142 \\
 &:= 1^5 + 2^2 + 2^5 + 3^0 + 14^2 = 15 + 22 + 25 + 30 + 142 \\
 &:= 1^5 + 2^2 + 3^4 + 4^1 + 12^2 = 15 + 22 + 34 + 41 + 122 \\
 &:= 1^5 + 2^3 + 2^3 + 6^3 + 11^0 = 15 + 23 + 23 + 63 + 110 \\
 &:= 1^6 + 2^1 + 5^2 + 5^3 + 9^2 = 16 + 21 + 52 + 53 + 92 \\
 &:= 1^6 + 2^2 + 4^1 + 5^3 + 10^2 = 16 + 22 + 41 + 53 + 102 \\
 &:= 1^7 + 2^1 + 2^2 + 6^3 + 11^1 = 17 + 21 + 22 + 63 + 111 \\
 &:= 1^7 + 2^2 + 3^1 + 6^3 + 10^1 = 17 + 22 + 31 + 63 + 101 \\
 &:= 1^7 + 2^2 + 4^1 + 6^3 + 9^1 = 17 + 22 + 41 + 63 + 91 \\
 &:= 1^7 + 2^2 + 5^1 + 6^3 + 8^1 = 17 + 22 + 51 + 63 + 81 \\
 &:= 1^7 + 2^2 + 6^1 + 6^3 + 7^1 = 17 + 22 + 61 + 63 + 71 \\
 &:= 1^7 + 2^3 + 5^0 + 6^3 + 8^1 = 17 + 23 + 50 + 63 + 81 \\
 &:= 1^8 + 2^1 + 2^1 + 2^2 + 15^2 = 18 + 21 + 21 + 22 + 152 \\
 &:= 1^8 + 3^2 + 5^0 + 6^3 + 7^1 = 18 + 32 + 50 + 63 + 71 \\
 &:= 2^1 + 2^3 + 2^6 + 4^2 + 12^2 = 21 + 23 + 26 + 42 + 122 \\
 &:= 2^1 + 2^6 + 3^4 + 6^1 + 9^2 = 21 + 26 + 34 + 61 + 92 \\
 &:= 2^2 + 2^5 + 4^3 + 5^3 + 9^1 = 22 + 25 + 43 + 53 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^7 + 4^1 + 7^2 + 7^2 = 22 + 27 + 41 + 72 + 72 \\
 &:= 2^2 + 2^7 + 4^2 + 5^1 + 9^2 = 22 + 27 + 42 + 51 + 92 \\
 &:= 2^3 + 2^3 + 3^4 + 4^2 + 11^2 = 23 + 23 + 34 + 42 + 112 \\
 &:= 2^3 + 2^4 + 5^3 + 6^2 + 7^2 = 23 + 24 + 53 + 62 + 72 \\
 &:= 2^3 + 2^5 + 5^1 + 5^3 + 8^2 = 23 + 25 + 51 + 53 + 82 \\
 &:= 2^3 + 2^6 + 5^3 + 6^2 + 7^0 = 23 + 26 + 53 + 62 + 70 \\
 &:= 2^3 + 2^7 + 4^2 + 5^0 + 9^2 = 23 + 27 + 42 + 50 + 92 \\
 &:= 2^4 + 2^5 + 3^0 + 4^3 + 11^2 = 24 + 25 + 30 + 43 + 112 \\
 &:= 2^4 + 2^6 + 3^0 + 3^2 + 12^2 = 24 + 26 + 30 + 32 + 122 \\
 &:= 2^4 + 3^2 + 4^3 + 4^3 + 9^2 = 24 + 32 + 43 + 43 + 92 \\
 &:= 2^5 + 4^2 + 5^2 + 5^3 + 6^2 = 25 + 42 + 52 + 53 + 62 \\
 &:= 2^6 + 3^1 + 3^4 + 5^1 + 9^2 = 26 + 31 + 34 + 51 + 92 \\
 &:= 2^6 + 3^4 + 4^1 + 4^1 + 9^2 = 26 + 34 + 41 + 41 + 92 \\
 &:= 2^7 + 3^4 + 4^2 + 5^0 + 8^1 = 27 + 34 + 42 + 50 + 81 \\
 &:= 2^7 + 4^2 + 4^3 + 5^2 + 7^0 = 27 + 42 + 43 + 52 + 70
 \end{aligned}$$

2.2.136 Number 235

$$\begin{aligned}
 \text{235} &:= 2^1 + 8^2 + 13^2 = 21 + 82 + 132 \\
 &:= 2^2 + 6^1 + 15^2 = 22 + 61 + 152 \\
 &:= 3^1 + 6^2 + 14^2 = 31 + 62 + 142 \\
 &:= 1^0 + 1^1 + 8^2 + 13^2 = 10 + 11 + 82 + 132 \\
 &:= 1^0 + 2^1 + 6^2 + 14^2 = 10 + 21 + 62 + 142 \\
 &:= 1^0 + 2^2 + 5^1 + 15^2 = 10 + 22 + 51 + 152 \\
 &:= 1^0 + 2^3 + 5^0 + 15^2 = 10 + 23 + 50 + 152 \\
 &:= 1^0 + 4^3 + 5^0 + 13^2 = 10 + 43 + 50 + 132 \\
 &:= 1^7 + 2^6 + 6^0 + 13^2 = 17 + 26 + 60 + 132 \\
 &:= 2^0 + 2^3 + 4^0 + 15^2 = 20 + 23 + 40 + 152 \\
 &:= 2^0 + 4^0 + 4^3 + 13^2 = 20 + 40 + 43 + 132 \\
 &:= 2^3 + 3^0 + 3^0 + 15^2 = 23 + 30 + 30 + 152 \\
 &:= 3^0 + 3^0 + 4^3 + 13^2 = 30 + 30 + 43 + 132 \\
 &:= 1^0 + 1^0 + 1^1 + 6^2 + 14^2 = 10 + 10 + 11 + 62 + 142 \\
 &:= 1^0 + 1^0 + 2^2 + 4^1 + 15^2 = 10 + 10 + 22 + 41 + 152 \\
 &:= 1^0 + 1^0 + 4^2 + 6^3 + 11^0 = 10 + 10 + 42 + 63 + 110 \\
 &:= 1^0 + 1^8 + 2^4 + 6^3 + 12^0 = 10 + 18 + 24 + 63 + 120 \\
 &:= 1^0 + 2^0 + 4^2 + 6^3 + 10^0 = 10 + 20 + 42 + 63 + 100 \\
 &:= 1^0 + 3^0 + 4^2 + 6^3 + 9^0 = 10 + 30 + 42 + 63 + 90
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 4^0 + 4^2 + 6^3 + 8^0 = 10 + 40 + 42 + 63 + 80 \\
 &:= 1^0 + 4^2 + 5^0 + 6^3 + 7^0 = 10 + 42 + 50 + 63 + 70 \\
 &:= 1^0 + 4^2 + 6^0 + 6^0 + 6^3 = 10 + 42 + 60 + 60 + 63 \\
 &:= 1^1 + 1^7 + 2^4 + 6^3 + 12^0 = 11 + 17 + 24 + 63 + 120 \\
 &:= 1^1 + 1^9 + 4^2 + 6^3 + 10^0 = 11 + 19 + 42 + 63 + 100 \\
 &:= 1^2 + 1^6 + 2^4 + 6^3 + 12^0 = 12 + 16 + 24 + 63 + 120 \\
 &:= 1^2 + 1^8 + 4^2 + 6^3 + 10^0 = 12 + 18 + 42 + 63 + 100 \\
 &:= 1^3 + 1^5 + 2^4 + 6^3 + 12^0 = 13 + 15 + 24 + 63 + 120 \\
 &:= 1^3 + 1^7 + 4^2 + 6^3 + 10^0 = 13 + 17 + 42 + 63 + 100 \\
 &:= 1^3 + 2^5 + 2^5 + 4^0 + 13^2 = 13 + 25 + 25 + 40 + 132 \\
 &:= 1^4 + 1^4 + 2^4 + 6^3 + 12^0 = 14 + 14 + 24 + 63 + 120 \\
 &:= 1^4 + 1^6 + 4^2 + 6^3 + 10^0 = 14 + 16 + 42 + 63 + 100 \\
 &:= 1^5 + 1^5 + 4^2 + 6^3 + 10^0 = 15 + 15 + 42 + 63 + 100 \\
 &:= 1^5 + 2^0 + 2^6 + 5^2 + 12^2 = 15 + 20 + 26 + 52 + 122 \\
 &:= 1^5 + 2^7 + 4^0 + 5^1 + 10^2 = 15 + 27 + 40 + 51 + 102 \\
 &:= 1^5 + 3^3 + 3^4 + 5^3 + 10^0 = 15 + 33 + 34 + 53 + 100 \\
 &:= 1^6 + 1^9 + 2^6 + 5^2 + 12^2 = 16 + 19 + 26 + 52 + 122 \\
 &:= 1^6 + 2^3 + 3^4 + 4^0 + 12^2 = 16 + 23 + 34 + 40 + 122 \\
 &:= 1^7 + 1^8 + 2^6 + 5^2 + 12^2 = 17 + 18 + 26 + 52 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^3 + 3^2 + 6^3 + 10^0 = 17 + 23 + 32 + 63 + 100 \\
 &:= 1^7 + 2^3 + 4^0 + 5^3 + 10^2 = 17 + 23 + 40 + 53 + 102 \\
 &:= 1^7 + 3^3 + 4^0 + 5^3 + 9^2 = 17 + 33 + 40 + 53 + 92 \\
 &:= 1^8 + 2^0 + 2^4 + 6^3 + 11^0 = 18 + 20 + 24 + 63 + 110 \\
 &:= 1^8 + 2^3 + 4^0 + 6^3 + 9^1 = 18 + 23 + 40 + 63 + 91 \\
 &:= 1^8 + 2^4 + 3^0 + 6^3 + 10^0 = 18 + 24 + 30 + 63 + 100 \\
 &:= 1^8 + 2^4 + 4^0 + 6^3 + 9^0 = 18 + 24 + 40 + 63 + 90 \\
 &:= 1^8 + 2^4 + 5^0 + 6^3 + 8^0 = 18 + 24 + 50 + 63 + 80 \\
 &:= 1^8 + 2^4 + 6^0 + 6^3 + 7^0 = 18 + 24 + 60 + 63 + 70 \\
 &:= 1^9 + 1^9 + 2^4 + 6^3 + 11^0 = 19 + 19 + 24 + 63 + 110 \\
 &:= 1^9 + 2^0 + 2^2 + 2^2 + 15^2 = 19 + 20 + 22 + 22 + 152 \\
 &:= 1^9 + 3^2 + 4^0 + 6^3 + 8^1 = 19 + 32 + 40 + 63 + 81 \\
 &:= 2^0 + 2^0 + 4^2 + 6^3 + 9^0 = 20 + 20 + 42 + 63 + 90 \\
 &:= 2^0 + 2^6 + 2^6 + 6^1 + 10^2 = 20 + 26 + 26 + 61 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 3^0 + 4^2 + 6^3 + 8^0 = 20 + 30 + 42 + 63 + 80 \\
 &:= 2^0 + 4^0 + 4^2 + 6^3 + 7^0 = 20 + 40 + 42 + 63 + 70 \\
 &:= 2^0 + 4^2 + 5^0 + 6^0 + 6^3 = 20 + 42 + 50 + 60 + 63 \\
 &:= 2^3 + 2^6 + 3^4 + 6^0 + 9^2 = 23 + 26 + 34 + 60 + 92 \\
 &:= 2^4 + 2^7 + 3^2 + 6^0 + 9^2 = 24 + 27 + 32 + 60 + 92 \\
 &:= 2^6 + 3^4 + 3^4 + 6^0 + 8^1 = 26 + 34 + 34 + 60 + 81 \\
 &:= 2^6 + 3^4 + 4^3 + 5^2 + 8^0 = 26 + 34 + 43 + 52 + 80 \\
 &:= 2^7 + 3^2 + 3^4 + 4^2 + 10^0 = 27 + 32 + 34 + 42 + 100 \\
 &:= 3^0 + 3^0 + 4^2 + 6^3 + 7^0 = 30 + 30 + 42 + 63 + 70 \\
 &:= 3^0 + 4^0 + 4^2 + 6^0 + 6^3 = 30 + 40 + 42 + 60 + 63 \\
 &:= 3^0 + 4^2 + 5^0 + 5^0 + 6^3 = 30 + 42 + 50 + 50 + 63 \\
 &:= 4^0 + 4^0 + 4^2 + 5^0 + 6^3 = 40 + 40 + 42 + 50 + 63
 \end{aligned}$$

2.2.137 Number 236

$$\begin{aligned}
 236 &:= 1^2 + 3^2 + 4^0 + 15^2 = 12 + 32 + 40 + 152 \\
 &:= 2^1 + 2^3 + 4^0 + 15^2 = 21 + 23 + 40 + 152 \\
 &:= 2^1 + 4^0 + 4^3 + 13^2 = 21 + 40 + 43 + 132 \\
 &:= 3^1 + 4^2 + 6^3 + 10^0 = 31 + 42 + 63 + 100 \\
 &:= 3^2 + 4^0 + 6^3 + 10^1 = 32 + 40 + 63 + 101 \\
 &:= 1^0 + 1^1 + 2^3 + 4^0 + 15^2 = 10 + 11 + 23 + 40 + 152 \\
 &:= 1^0 + 1^1 + 4^0 + 4^3 + 13^2 = 10 + 11 + 40 + 43 + 132 \\
 &:= 1^0 + 1^6 + 2^6 + 7^2 + 11^2 = 10 + 16 + 26 + 72 + 112 \\
 &:= 1^0 + 1^8 + 2^6 + 5^0 + 13^2 = 10 + 18 + 26 + 50 + 132 \\
 &:= 1^0 + 2^1 + 4^2 + 6^3 + 10^0 = 10 + 21 + 42 + 63 + 100 \\
 &:= 1^0 + 3^2 + 4^0 + 6^3 + 9^1 = 10 + 32 + 40 + 63 + 91 \\
 &:= 1^1 + 1^5 + 2^6 + 7^2 + 11^2 = 11 + 15 + 26 + 72 + 112 \\
 &:= 1^1 + 1^7 + 2^6 + 5^0 + 13^2 = 11 + 17 + 26 + 50 + 132 \\
 &:= 1^1 + 2^0 + 2^3 + 3^0 + 15^2 = 11 + 20 + 23 + 30 + 152 \\
 &:= 1^1 + 2^0 + 3^0 + 4^3 + 13^2 = 11 + 20 + 30 + 43 + 132 \\
 &:= 1^1 + 2^6 + 2^6 + 7^1 + 10^2 = 11 + 26 + 26 + 71 + 102 \\
 &:= 1^2 + 1^4 + 2^6 + 7^2 + 11^2 = 12 + 14 + 26 + 72 + 112 \\
 &:= 1^2 + 1^6 + 2^6 + 5^0 + 13^2 = 12 + 16 + 26 + 50 + 132 \\
 &:= 1^2 + 1^9 + 2^3 + 3^0 + 15^2 = 12 + 19 + 23 + 30 + 152 \\
 &:= 1^2 + 1^9 + 3^0 + 4^3 + 13^2 = 12 + 19 + 30 + 43 + 132 \\
 &:= 1^3 + 1^3 + 2^6 + 7^2 + 11^2 = 13 + 13 + 26 + 72 + 112 \\
 &:= 1^3 + 1^5 + 2^6 + 5^0 + 13^2 = 13 + 15 + 26 + 50 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^8 + 2^3 + 3^0 + 15^2 = 13 + 18 + 23 + 30 + 152 \\
 &:= 1^3 + 1^8 + 3^0 + 4^3 + 13^2 = 13 + 18 + 30 + 43 + 132 \\
 &:= 1^3 + 2^7 + 3^4 + 5^2 + 11^0 = 13 + 27 + 34 + 52 + 110 \\
 &:= 1^4 + 1^4 + 2^6 + 5^0 + 13^2 = 14 + 14 + 26 + 50 + 132 \\
 &:= 1^4 + 1^7 + 2^3 + 3^0 + 15^2 = 14 + 17 + 23 + 30 + 152 \\
 &:= 1^4 + 1^7 + 3^0 + 4^3 + 13^2 = 14 + 17 + 30 + 43 + 132 \\
 &:= 1^5 + 1^6 + 2^3 + 3^0 + 15^2 = 15 + 16 + 23 + 30 + 152 \\
 &:= 1^5 + 1^6 + 3^0 + 4^3 + 13^2 = 15 + 16 + 30 + 43 + 132 \\
 &:= 1^5 + 2^1 + 2^6 + 5^2 + 12^2 = 15 + 21 + 26 + 52 + 122 \\
 &:= 1^5 + 2^3 + 3^4 + 5^2 + 11^2 = 15 + 23 + 34 + 52 + 112 \\
 &:= 1^5 + 2^5 + 3^4 + 5^0 + 11^2 = 15 + 25 + 34 + 50 + 112 \\
 &:= 1^5 + 2^7 + 5^0 + 5^2 + 9^2 = 15 + 27 + 50 + 52 + 92 \\
 &:= 1^6 + 2^2 + 2^3 + 3^3 + 14^2 = 16 + 22 + 23 + 33 + 142 \\
 &:= 1^6 + 2^2 + 2^5 + 3^1 + 14^2 = 16 + 22 + 25 + 31 + 142 \\
 &:= 1^6 + 2^7 + 3^0 + 6^1 + 10^2 = 16 + 27 + 30 + 61 + 102 \\
 &:= 1^7 + 2^2 + 5^2 + 5^3 + 9^2 = 17 + 22 + 52 + 53 + 92 \\
 &:= 1^8 + 2^0 + 2^6 + 4^0 + 13^2 = 18 + 20 + 26 + 40 + 132 \\
 &:= 1^8 + 2^1 + 2^4 + 6^3 + 11^0 = 18 + 21 + 24 + 63 + 110 \\
 &:= 1^8 + 2^2 + 2^2 + 6^3 + 11^1 = 18 + 22 + 22 + 63 + 111 \\
 &:= 1^8 + 2^6 + 3^0 + 3^0 + 13^2 = 18 + 26 + 30 + 30 + 132 \\
 &:= 1^8 + 3^0 + 3^2 + 3^4 + 12^2 = 18 + 30 + 32 + 34 + 122 \\
 &:= 1^9 + 1^9 + 2^6 + 4^0 + 13^2 = 19 + 19 + 26 + 40 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^1 + 2^2 + 2^2 + 15^2 = 19 + 21 + 22 + 22 + 152 \\
 &:= 1^9 + 2^3 + 3^0 + 6^3 + 10^1 = 19 + 23 + 30 + 63 + 101 \\
 &:= 1^9 + 3^0 + 3^2 + 5^3 + 10^2 = 19 + 30 + 32 + 53 + 102 \\
 &:= 1^9 + 3^2 + 3^2 + 6^3 + 9^0 = 19 + 32 + 32 + 63 + 90 \\
 &:= 2^0 + 2^1 + 4^2 + 6^3 + 9^0 = 20 + 21 + 42 + 63 + 90 \\
 &:= 2^0 + 3^0 + 3^2 + 6^3 + 9^1 = 20 + 30 + 32 + 63 + 91 \\
 &:= 2^1 + 2^6 + 2^6 + 6^1 + 10^2 = 21 + 26 + 26 + 61 + 102 \\
 &:= 2^1 + 3^0 + 4^2 + 6^3 + 8^0 = 21 + 30 + 42 + 63 + 80 \\
 &:= 2^1 + 4^0 + 4^2 + 6^3 + 7^0 = 21 + 40 + 42 + 63 + 70 \\
 &:= 2^1 + 4^2 + 5^0 + 6^0 + 6^3 = 21 + 42 + 50 + 60 + 63 \\
 &:= 2^2 + 2^4 + 2^7 + 7^1 + 9^2 = 22 + 24 + 27 + 71 + 92 \\
 &:= 2^3 + 2^4 + 2^4 + 3^3 + 13^2 = 23 + 24 + 24 + 33 + 132 \\
 &:= 2^3 + 2^4 + 2^6 + 4^1 + 12^2 = 23 + 24 + 26 + 41 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 2^6 + 3^3 + 4^2 + 11^2 = 23 + 26 + 33 + 42 + 112 \\
 &:= 2^3 + 2^6 + 4^3 + 6^2 + 8^2 = 23 + 26 + 43 + 62 + 82 \\
 &:= 2^4 + 2^4 + 2^5 + 3^1 + 13^2 = 24 + 24 + 25 + 31 + 132 \\
 &:= 2^4 + 2^7 + 3^3 + 7^0 + 8^2 = 24 + 27 + 33 + 70 + 82 \\
 &:= 2^4 + 2^7 + 3^4 + 5^0 + 10^1 = 24 + 27 + 34 + 50 + 101 \\
 &:= 2^5 + 2^6 + 3^1 + 4^2 + 11^2 = 25 + 26 + 31 + 42 + 112 \\
 &:= 2^5 + 2^7 + 3^0 + 4^3 + 11^1 = 25 + 27 + 30 + 43 + 111 \\
 &:= 2^6 + 2^6 + 3^1 + 5^1 + 10^2 = 26 + 26 + 31 + 51 + 102 \\
 &:= 2^6 + 2^6 + 4^1 + 4^1 + 10^2 = 26 + 26 + 41 + 41 + 102 \\
 &:= 2^6 + 2^7 + 5^0 + 6^2 + 7^1 = 26 + 27 + 50 + 62 + 71 \\
 &:= 2^6 + 3^2 + 3^4 + 3^4 + 11^0 = 26 + 32 + 34 + 34 + 110
 \end{aligned}$$

2.2.138 Number 237

$$\begin{aligned}
 237 &:= 1^1 + 2^2 + 6^2 + 14^2 = 11 + 22 + 62 + 142 \\
 &:= 2^2 + 2^2 + 4^1 + 15^2 = 22 + 22 + 41 + 152 \\
 &:= 2^2 + 4^2 + 6^3 + 11^0 = 22 + 42 + 63 + 110 \\
 &:= 2^3 + 3^0 + 6^3 + 12^1 = 23 + 30 + 63 + 121 \\
 &:= 1^0 + 1^3 + 3^0 + 3^2 + 15^2 = 10 + 13 + 30 + 32 + 152 \\
 &:= 1^0 + 2^2 + 2^2 + 3^1 + 15^2 = 10 + 22 + 22 + 31 + 152 \\
 &:= 1^0 + 2^3 + 3^0 + 6^3 + 11^1 = 10 + 23 + 30 + 63 + 111 \\
 &:= 1^1 + 1^2 + 3^0 + 3^2 + 15^2 = 11 + 12 + 30 + 32 + 152 \\
 &:= 1^1 + 2^1 + 2^3 + 3^0 + 15^2 = 11 + 21 + 23 + 30 + 152 \\
 &:= 1^1 + 2^1 + 3^0 + 4^3 + 13^2 = 11 + 21 + 30 + 43 + 132 \\
 &:= 1^1 + 3^0 + 3^2 + 6^3 + 10^1 = 11 + 30 + 32 + 63 + 101 \\
 &:= 1^1 + 3^1 + 4^2 + 6^3 + 9^0 = 11 + 31 + 42 + 63 + 90 \\
 &:= 1^3 + 2^0 + 2^0 + 3^2 + 15^2 = 13 + 20 + 20 + 32 + 152 \\
 &:= 1^4 + 1^9 + 2^0 + 3^2 + 15^2 = 14 + 19 + 20 + 32 + 152 \\
 &:= 1^5 + 1^8 + 2^0 + 3^2 + 15^2 = 15 + 18 + 20 + 32 + 152 \\
 &:= 1^5 + 1^9 + 1^9 + 3^2 + 15^2 = 15 + 19 + 19 + 32 + 152 \\
 &:= 1^6 + 1^7 + 2^0 + 3^2 + 15^2 = 16 + 17 + 20 + 32 + 152 \\
 &:= 1^6 + 1^8 + 1^9 + 3^2 + 15^2 = 16 + 18 + 19 + 32 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^6 + 3^3 + 4^0 + 12^2 = 16 + 26 + 33 + 40 + 122 \\
 &:= 1^7 + 1^7 + 1^9 + 3^2 + 15^2 = 17 + 17 + 19 + 32 + 152 \\
 &:= 1^7 + 1^8 + 1^8 + 3^2 + 15^2 = 17 + 18 + 18 + 32 + 152 \\
 &:= 1^7 + 2^0 + 2^7 + 7^1 + 10^2 = 17 + 20 + 27 + 71 + 102 \\
 &:= 1^8 + 1^9 + 2^7 + 7^1 + 10^2 = 18 + 19 + 27 + 71 + 102 \\
 &:= 1^8 + 2^1 + 2^6 + 4^0 + 13^2 = 18 + 21 + 26 + 40 + 132 \\
 &:= 1^9 + 2^0 + 3^3 + 4^3 + 12^2 = 19 + 20 + 33 + 43 + 122 \\
 &:= 1^9 + 2^4 + 3^1 + 6^3 + 10^0 = 19 + 24 + 31 + 63 + 100 \\
 &:= 2^0 + 2^0 + 2^3 + 6^3 + 11^1 = 20 + 20 + 23 + 63 + 111 \\
 &:= 2^1 + 2^1 + 4^2 + 6^3 + 9^0 = 21 + 21 + 42 + 63 + 90 \\
 &:= 2^1 + 3^0 + 3^2 + 6^3 + 9^1 = 21 + 30 + 32 + 63 + 91 \\
 &:= 2^3 + 2^6 + 2^6 + 6^0 + 10^2 = 23 + 26 + 26 + 60 + 102 \\
 &:= 2^5 + 2^7 + 3^3 + 7^2 + 8^0 = 25 + 27 + 33 + 72 + 80 \\
 &:= 2^6 + 2^6 + 3^3 + 6^0 + 9^2 = 26 + 26 + 33 + 60 + 92 \\
 &:= 3^0 + 3^1 + 3^2 + 6^3 + 8^1 = 30 + 31 + 32 + 63 + 81 \\
 &:= 3^0 + 3^2 + 4^1 + 6^3 + 7^1 = 30 + 32 + 41 + 63 + 71 \\
 &:= 3^0 + 3^2 + 5^1 + 6^1 + 6^3 = 30 + 32 + 51 + 61 + 63
 \end{aligned}$$

2.2.139 Number 238

$$\begin{aligned}
 238 &:= 1^8 + 2^7 + 9^1 + 10^2 = 18 + 27 + 91 + 102 \\
 &:= 1^9 + 2^5 + 6^2 + 13^2 = 19 + 25 + 62 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^4 + 5^2 + 14^2 = 20 + 24 + 52 + 142 \\
 &:= 2^4 + 5^1 + 6^3 + 10^0 = 24 + 51 + 63 + 100
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^8 + 2^7 + 8^1 + 10^2 = 10 + 18 + 27 + 81 + 102 \\ &:= 1^0 + 2^4 + 4^1 + 6^3 + 10^0 = 10 + 24 + 41 + 63 + 100 \\ &:= 1^1 + 1^7 + 2^7 + 8^1 + 10^2 = 11 + 17 + 27 + 81 + 102 \\ &:= 1^1 + 2^0 + 2^3 + 6^3 + 12^1 = 11 + 20 + 23 + 63 + 121 \\ &:= 1^1 + 2^2 + 4^2 + 6^3 + 10^0 = 11 + 22 + 42 + 63 + 100 \\ &:= 1^2 + 1^6 + 2^7 + 8^1 + 10^2 = 12 + 16 + 27 + 81 + 102 \\ &:= 1^2 + 1^9 + 2^3 + 6^3 + 12^1 = 12 + 19 + 23 + 63 + 121 \\ &:= 1^2 + 2^0 + 2^3 + 3^1 + 15^2 = 12 + 20 + 23 + 31 + 152 \\ &:= 1^2 + 2^0 + 3^1 + 4^3 + 13^2 = 12 + 20 + 31 + 43 + 132 \\ &:= 1^2 + 2^0 + 3^2 + 6^3 + 11^1 = 12 + 20 + 32 + 63 + 111 \\ &:= 1^2 + 2^5 + 2^7 + 4^3 + 13^1 = 12 + 25 + 27 + 43 + 131 \\ &:= 1^2 + 4^1 + 4^2 + 6^3 + 8^0 = 12 + 41 + 42 + 63 + 80 \\ &:= 1^3 + 1^5 + 2^7 + 8^1 + 10^2 = 13 + 15 + 27 + 81 + 102 \\ &:= 1^3 + 1^8 + 2^3 + 6^3 + 12^1 = 13 + 18 + 23 + 63 + 121 \\ &:= 1^3 + 1^9 + 2^3 + 3^1 + 15^2 = 13 + 19 + 23 + 31 + 152 \\ &:= 1^3 + 1^9 + 3^1 + 4^3 + 13^2 = 13 + 19 + 31 + 43 + 132 \\ &:= 1^3 + 1^9 + 3^2 + 6^3 + 11^1 = 13 + 19 + 32 + 63 + 111 \\ &:= 1^3 + 2^0 + 2^1 + 3^2 + 15^2 = 13 + 20 + 21 + 32 + 152 \\ &:= 1^4 + 1^4 + 2^7 + 8^1 + 10^2 = 14 + 14 + 27 + 81 + 102 \\ &:= 1^4 + 1^7 + 2^3 + 6^3 + 12^1 = 14 + 17 + 23 + 63 + 121 \\ &:= 1^4 + 1^8 + 2^3 + 3^1 + 15^2 = 14 + 18 + 23 + 31 + 152 \\ &:= 1^4 + 1^8 + 3^1 + 4^3 + 13^2 = 14 + 18 + 31 + 43 + 132 \\ &:= 1^4 + 1^8 + 3^2 + 6^3 + 11^1 = 14 + 18 + 32 + 63 + 111 \\ &:= 1^4 + 1^9 + 2^1 + 3^2 + 15^2 = 14 + 19 + 21 + 32 + 152 \\ &:= 1^4 + 2^4 + 2^6 + 6^2 + 11^2 = 14 + 24 + 26 + 62 + 112 \\ &:= 1^4 + 2^7 + 3^3 + 3^4 + 13^0 = 14 + 27 + 33 + 34 + 130 \\ &:= 1^4 + 2^7 + 3^4 + 4^2 + 12^1 = 14 + 27 + 34 + 42 + 121 \\ &:= 1^5 + 1^6 + 2^3 + 6^3 + 12^1 = 15 + 16 + 23 + 63 + 121 \\ &:= 1^5 + 1^7 + 2^3 + 3^1 + 15^2 = 15 + 17 + 23 + 31 + 152 \\ &:= 1^5 + 1^7 + 3^1 + 4^3 + 13^2 = 15 + 17 + 31 + 43 + 132 \\ &:= 1^5 + 1^7 + 3^2 + 6^3 + 11^1 = 15 + 17 + 32 + 63 + 111 \\ &:= 1^5 + 1^8 + 2^1 + 3^2 + 15^2 = 15 + 18 + 21 + 32 + 152 \\ &:= 1^5 + 2^5 + 2^5 + 4^1 + 13^2 = 15 + 25 + 25 + 41 + 132 \\ &:= 1^5 + 2^6 + 3^3 + 5^2 + 11^2 = 15 + 26 + 33 + 52 + 112 \\ &:= 1^5 + 2^7 + 4^3 + 6^2 + 9^1 = 15 + 27 + 43 + 62 + 91 \\ &:= 1^6 + 1^6 + 2^3 + 3^1 + 15^2 = 16 + 16 + 23 + 31 + 152 \\ &:= 1^6 + 1^6 + 3^1 + 4^3 + 13^2 = 16 + 16 + 31 + 43 + 132 \\ &:= 1^6 + 1^6 + 3^2 + 6^3 + 11^1 = 16 + 16 + 32 + 63 + 111 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 1^7 + 2^1 + 3^2 + 15^2 = 16 + 17 + 21 + 32 + 152 \\ &:= 1^6 + 2^2 + 2^6 + 5^2 + 12^2 = 16 + 22 + 26 + 52 + 122 \\ &:= 1^6 + 2^3 + 2^7 + 7^0 + 10^2 = 16 + 23 + 27 + 70 + 102 \\ &:= 1^6 + 2^4 + 2^4 + 3^2 + 14^2 = 16 + 24 + 24 + 32 + 142 \\ &:= 1^6 + 2^5 + 3^2 + 3^3 + 13^2 = 16 + 25 + 32 + 33 + 132 \\ &:= 1^6 + 2^7 + 3^3 + 7^0 + 9^2 = 16 + 27 + 33 + 70 + 92 \\ &:= 1^6 + 3^4 + 3^4 + 4^3 + 11^1 = 16 + 34 + 34 + 43 + 111 \\ &:= 1^7 + 2^1 + 2^7 + 7^1 + 10^2 = 17 + 21 + 27 + 71 + 102 \\ &:= 1^7 + 2^7 + 3^1 + 6^1 + 10^2 = 17 + 27 + 31 + 61 + 102 \\ &:= 1^7 + 2^7 + 4^1 + 5^1 + 10^2 = 17 + 27 + 41 + 51 + 102 \\ &:= 1^8 + 2^3 + 2^5 + 3^0 + 14^2 = 18 + 23 + 25 + 30 + 142 \\ &:= 1^8 + 2^3 + 3^4 + 4^1 + 12^2 = 18 + 23 + 34 + 41 + 122 \\ &:= 1^8 + 3^2 + 4^3 + 4^3 + 10^2 = 18 + 32 + 43 + 43 + 102 \\ &:= 1^8 + 3^3 + 5^3 + 6^2 + 7^2 = 18 + 33 + 53 + 62 + 72 \\ &:= 1^9 + 2^1 + 3^3 + 4^3 + 12^2 = 19 + 21 + 33 + 43 + 122 \\ &:= 1^9 + 2^2 + 2^4 + 6^3 + 11^0 = 19 + 22 + 24 + 63 + 110 \\ &:= 1^9 + 2^3 + 4^1 + 5^3 + 10^2 = 19 + 23 + 41 + 53 + 102 \\ &:= 1^9 + 2^6 + 3^0 + 3^1 + 13^2 = 19 + 26 + 30 + 31 + 132 \\ &:= 1^9 + 3^1 + 3^2 + 3^4 + 12^2 = 19 + 31 + 32 + 34 + 122 \\ &:= 1^9 + 3^3 + 4^1 + 5^3 + 9^2 = 19 + 33 + 41 + 53 + 92 \\ &:= 2^0 + 2^1 + 2^3 + 6^3 + 11^1 = 20 + 21 + 23 + 63 + 111 \\ &:= 2^0 + 2^2 + 2^2 + 2^2 + 15^2 = 20 + 22 + 22 + 22 + 152 \\ &:= 2^0 + 2^3 + 3^1 + 6^3 + 10^1 = 20 + 23 + 31 + 63 + 101 \\ &:= 2^0 + 2^3 + 4^1 + 6^3 + 9^1 = 20 + 23 + 41 + 63 + 91 \\ &:= 2^0 + 2^3 + 5^1 + 6^3 + 8^1 = 20 + 23 + 51 + 63 + 81 \\ &:= 2^0 + 2^3 + 6^1 + 6^3 + 7^1 = 20 + 23 + 61 + 63 + 71 \\ &:= 2^0 + 2^4 + 4^1 + 6^3 + 9^0 = 20 + 24 + 41 + 63 + 90 \\ &:= 2^0 + 3^1 + 3^2 + 5^3 + 10^2 = 20 + 31 + 32 + 53 + 102 \\ &:= 2^2 + 3^2 + 4^0 + 6^3 + 8^1 = 22 + 32 + 40 + 63 + 81 \\ &:= 2^3 + 2^3 + 2^7 + 3^4 + 13^1 = 23 + 23 + 27 + 34 + 131 \\ &:= 2^4 + 2^5 + 2^6 + 5^1 + 11^2 = 24 + 25 + 26 + 51 + 112 \\ &:= 2^4 + 2^5 + 2^6 + 5^3 + 11^0 = 24 + 25 + 26 + 53 + 110 \\ &:= 2^4 + 3^0 + 4^1 + 6^3 + 8^0 = 24 + 30 + 41 + 63 + 80 \\ &:= 2^4 + 4^0 + 4^1 + 6^3 + 7^0 = 24 + 40 + 41 + 63 + 70 \\ &:= 2^4 + 4^1 + 5^0 + 6^0 + 6^3 = 24 + 41 + 50 + 60 + 63 \\ &:= 2^6 + 2^6 + 5^2 + 6^2 + 7^2 = 26 + 26 + 52 + 62 + 72 \\ &:= 3^1 + 3^2 + 3^2 + 6^3 + 8^0 = 31 + 32 + 32 + 63 + 80 \end{aligned}$$

2.2.140 Number 239

$$\begin{aligned}
 239 &:= 1^2 + 2^3 + 6^3 + 14^1 = 12 + 23 + 63 + 141 \\
 &:= 1^3 + 2^3 + 5^1 + 15^2 = 13 + 23 + 51 + 152 \\
 &:= 1^3 + 3^2 + 6^3 + 13^1 = 13 + 32 + 63 + 131 \\
 &:= 1^3 + 4^3 + 5^1 + 13^2 = 13 + 43 + 51 + 132 \\
 &:= 1^4 + 3^2 + 4^1 + 15^2 = 14 + 32 + 41 + 152 \\
 &:= 2^1 + 2^4 + 5^2 + 14^2 = 21 + 24 + 52 + 142 \\
 &:= 2^3 + 5^3 + 6^1 + 10^2 = 23 + 53 + 61 + 102 \\
 &:= 2^6 + 3^0 + 5^1 + 13^2 = 26 + 30 + 51 + 132 \\
 &:= 3^2 + 3^4 + 5^1 + 12^2 = 32 + 34 + 51 + 122 \\
 &:= 3^3 + 4^1 + 4^3 + 12^2 = 33 + 41 + 43 + 122 \\
 &:= 3^3 + 5^3 + 6^1 + 9^2 = 33 + 53 + 61 + 92 \\
 &:= 4^2 + 5^3 + 7^2 + 7^2 = 42 + 53 + 72 + 72 \\
 &:= 5^2 + 5^2 + 5^3 + 8^2 = 52 + 52 + 53 + 82 \\
 &:= 1^0 + 1^0 + 2^5 + 6^2 + 13^2 = 10 + 10 + 25 + 62 + 132 \\
 &:= 1^0 + 1^1 + 2^4 + 5^2 + 14^2 = 10 + 11 + 24 + 52 + 142 \\
 &:= 1^0 + 1^2 + 2^3 + 6^3 + 13^1 = 10 + 12 + 23 + 63 + 131 \\
 &:= 1^0 + 1^3 + 2^3 + 4^1 + 15^2 = 10 + 13 + 23 + 41 + 152 \\
 &:= 1^0 + 1^3 + 3^2 + 6^3 + 12^1 = 10 + 13 + 32 + 63 + 121 \\
 &:= 1^0 + 1^3 + 4^1 + 4^3 + 13^2 = 10 + 13 + 41 + 43 + 132 \\
 &:= 1^0 + 1^4 + 3^1 + 3^2 + 15^2 = 10 + 14 + 31 + 32 + 152 \\
 &:= 1^0 + 2^3 + 5^1 + 5^3 + 10^2 = 10 + 23 + 51 + 53 + 102 \\
 &:= 1^0 + 2^5 + 3^0 + 3^2 + 14^2 = 10 + 25 + 30 + 32 + 142 \\
 &:= 1^0 + 2^6 + 3^0 + 4^1 + 13^2 = 10 + 26 + 30 + 41 + 132 \\
 &:= 1^0 + 3^1 + 3^3 + 4^3 + 12^2 = 10 + 31 + 33 + 43 + 122 \\
 &:= 1^0 + 3^2 + 3^4 + 4^1 + 12^2 = 10 + 32 + 34 + 41 + 122 \\
 &:= 1^0 + 3^3 + 5^1 + 5^3 + 9^2 = 10 + 33 + 51 + 53 + 92 \\
 &:= 1^0 + 4^2 + 4^2 + 5^3 + 9^2 = 10 + 42 + 42 + 53 + 92 \\
 &:= 1^1 + 1^1 + 2^3 + 6^3 + 13^1 = 11 + 11 + 23 + 63 + 131 \\
 &:= 1^1 + 1^2 + 2^3 + 4^1 + 15^2 = 11 + 12 + 23 + 41 + 152 \\
 &:= 1^1 + 1^2 + 3^2 + 6^3 + 12^1 = 11 + 12 + 32 + 63 + 121 \\
 &:= 1^1 + 1^2 + 4^1 + 4^3 + 13^2 = 11 + 12 + 41 + 43 + 132 \\
 &:= 1^1 + 1^3 + 3^1 + 3^2 + 15^2 = 11 + 13 + 31 + 32 + 152 \\
 &:= 1^1 + 2^1 + 2^3 + 6^3 + 12^1 = 11 + 21 + 23 + 63 + 121 \\
 &:= 1^1 + 2^3 + 3^1 + 6^3 + 11^1 = 11 + 23 + 31 + 63 + 111 \\
 &:= 1^1 + 2^3 + 4^1 + 6^3 + 10^1 = 11 + 23 + 41 + 63 + 101 \\
 &:= 1^1 + 2^3 + 5^1 + 6^3 + 9^1 = 11 + 23 + 51 + 63 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^3 + 6^1 + 6^3 + 8^1 = 11 + 23 + 61 + 63 + 81 \\
 &:= 1^1 + 2^3 + 6^3 + 7^1 + 7^1 = 11 + 23 + 63 + 71 + 71 \\
 &:= 1^1 + 2^4 + 5^1 + 6^3 + 9^0 = 11 + 24 + 51 + 63 + 90 \\
 &:= 1^1 + 3^2 + 4^1 + 5^3 + 10^2 = 11 + 32 + 41 + 53 + 102 \\
 &:= 1^2 + 1^2 + 3^1 + 3^2 + 15^2 = 12 + 12 + 31 + 32 + 152 \\
 &:= 1^2 + 2^1 + 2^3 + 3^1 + 15^2 = 12 + 21 + 23 + 31 + 152 \\
 &:= 1^2 + 2^1 + 3^1 + 4^3 + 13^2 = 12 + 21 + 31 + 43 + 132 \\
 &:= 1^2 + 2^1 + 3^2 + 6^3 + 11^1 = 12 + 21 + 32 + 63 + 111 \\
 &:= 1^2 + 2^2 + 2^3 + 3^0 + 15^2 = 12 + 22 + 23 + 30 + 152 \\
 &:= 1^2 + 2^2 + 3^0 + 4^3 + 13^2 = 12 + 22 + 30 + 43 + 132 \\
 &:= 1^2 + 3^1 + 3^2 + 6^3 + 10^1 = 12 + 31 + 32 + 63 + 101 \\
 &:= 1^2 + 3^2 + 4^1 + 6^3 + 9^1 = 12 + 32 + 41 + 63 + 91 \\
 &:= 1^2 + 3^2 + 5^1 + 6^3 + 8^1 = 12 + 32 + 51 + 63 + 81 \\
 &:= 1^2 + 3^2 + 6^1 + 6^3 + 7^1 = 12 + 32 + 61 + 63 + 71 \\
 &:= 1^3 + 2^1 + 2^1 + 3^2 + 15^2 = 13 + 21 + 21 + 32 + 152 \\
 &:= 1^3 + 4^2 + 5^1 + 6^3 + 7^0 = 13 + 42 + 51 + 63 + 70 \\
 &:= 1^8 + 2^7 + 3^2 + 6^0 + 10^2 = 18 + 27 + 32 + 60 + 102 \\
 &:= 1^9 + 2^2 + 2^6 + 4^0 + 13^2 = 19 + 22 + 26 + 40 + 132 \\
 &:= 2^0 + 2^0 + 2^5 + 3^2 + 14^2 = 20 + 20 + 25 + 32 + 142 \\
 &:= 2^0 + 2^0 + 2^6 + 4^1 + 13^2 = 20 + 20 + 26 + 41 + 132 \\
 &:= 2^0 + 2^5 + 2^6 + 2^7 + 14^1 = 20 + 25 + 26 + 27 + 141 \\
 &:= 2^1 + 2^1 + 2^3 + 6^3 + 11^1 = 21 + 21 + 23 + 63 + 111 \\
 &:= 2^1 + 2^2 + 2^2 + 2^2 + 15^2 = 21 + 22 + 22 + 22 + 152 \\
 &:= 2^1 + 2^3 + 3^1 + 6^3 + 10^1 = 21 + 23 + 31 + 63 + 101 \\
 &:= 2^1 + 2^3 + 4^1 + 6^3 + 9^1 = 21 + 23 + 41 + 63 + 91 \\
 &:= 2^1 + 2^3 + 5^1 + 6^3 + 8^1 = 21 + 23 + 51 + 63 + 81 \\
 &:= 2^1 + 2^3 + 6^1 + 6^3 + 7^1 = 21 + 23 + 61 + 63 + 71 \\
 &:= 2^1 + 2^4 + 4^1 + 6^3 + 9^0 = 21 + 24 + 41 + 63 + 90 \\
 &:= 2^1 + 3^1 + 3^2 + 5^3 + 10^2 = 21 + 31 + 32 + 53 + 102 \\
 &:= 2^2 + 2^3 + 3^0 + 6^3 + 10^1 = 22 + 23 + 30 + 63 + 101 \\
 &:= 2^2 + 3^0 + 3^2 + 5^3 + 10^2 = 22 + 30 + 32 + 53 + 102 \\
 &:= 2^2 + 3^2 + 3^2 + 6^3 + 9^0 = 22 + 32 + 32 + 63 + 90 \\
 &:= 2^3 + 3^1 + 3^1 + 6^3 + 9^1 = 23 + 31 + 31 + 63 + 91 \\
 &:= 2^3 + 3^1 + 4^1 + 6^3 + 8^1 = 23 + 31 + 41 + 63 + 81 \\
 &:= 2^3 + 3^1 + 5^1 + 6^3 + 7^1 = 23 + 31 + 51 + 63 + 71 \\
 &:= 2^3 + 3^1 + 6^1 + 6^1 + 6^3 = 23 + 31 + 61 + 61 + 63
 \end{aligned}$$

$$\begin{aligned} &:= 2^3 + 3^2 + 5^1 + 6^3 + 7^0 = 23 + 32 + 51 + 63 + 70 \\ &:= 2^3 + 4^1 + 4^1 + 6^3 + 7^1 = 23 + 41 + 41 + 63 + 71 \\ &:= 2^3 + 4^1 + 5^1 + 6^1 + 6^3 = 23 + 41 + 51 + 61 + 63 \end{aligned}$$

$$\begin{aligned} &:= 2^3 + 5^1 + 5^1 + 5^1 + 6^3 = 23 + 51 + 51 + 51 + 63 \\ &:= 2^4 + 3^1 + 3^1 + 6^3 + 9^0 = 24 + 31 + 31 + 63 + 90 \end{aligned}$$

2.2.141 Number 240

$$\begin{aligned} &:= 1^0 + 2^5 + 5^3 + 6^0 + 9^2 = 10 + 25 + 53 + 60 + 92 \\ &:= 1^1 + 2^0 + 2^6 + 5^1 + 13^2 = 11 + 20 + 26 + 51 + 132 \\ &:= 1^1 + 2^5 + 2^6 + 2^7 + 15^1 = 11 + 25 + 26 + 27 + 151 \\ &:= 1^2 + 1^9 + 2^6 + 5^1 + 13^2 = 12 + 19 + 26 + 51 + 132 \\ &:= 1^2 + 2^0 + 3^4 + 6^2 + 11^2 = 12 + 20 + 34 + 62 + 112 \\ &:= 1^2 + 2^4 + 6^1 + 6^3 + 8^0 = 12 + 24 + 61 + 63 + 80 \\ &:= 1^2 + 4^3 + 5^3 + 6^0 + 7^2 = 12 + 43 + 53 + 60 + 72 \\ &:= 1^3 + 1^8 + 2^6 + 5^1 + 13^2 = 13 + 18 + 26 + 51 + 132 \\ &:= 1^3 + 1^9 + 3^4 + 6^2 + 11^2 = 13 + 19 + 34 + 62 + 112 \\ &:= 1^3 + 2^0 + 5^3 + 7^2 + 8^2 = 13 + 20 + 53 + 72 + 82 \\ &:= 1^4 + 1^7 + 2^6 + 5^1 + 13^2 = 14 + 17 + 26 + 51 + 132 \\ &:= 1^4 + 1^8 + 3^4 + 6^2 + 11^2 = 14 + 18 + 34 + 62 + 112 \\ &:= 1^4 + 1^9 + 5^3 + 7^2 + 8^2 = 14 + 19 + 53 + 72 + 82 \\ &:= 1^4 + 2^0 + 2^2 + 3^2 + 15^2 = 14 + 20 + 22 + 32 + 152 \\ &:= 1^4 + 2^4 + 2^7 + 3^4 + 14^1 = 14 + 24 + 27 + 34 + 141 \\ &:= 1^4 + 2^6 + 2^7 + 6^2 + 11^1 = 14 + 26 + 27 + 62 + 111 \\ &:= 1^4 + 4^2 + 6^0 + 6^1 + 6^3 = 14 + 42 + 60 + 61 + 63 \\ &:= 1^5 + 1^6 + 2^6 + 5^1 + 13^2 = 15 + 16 + 26 + 51 + 132 \\ &:= 1^5 + 1^7 + 3^4 + 6^2 + 11^2 = 15 + 17 + 34 + 62 + 112 \\ &:= 1^5 + 1^8 + 5^3 + 7^2 + 8^2 = 15 + 18 + 53 + 72 + 82 \\ &:= 1^5 + 1^9 + 2^2 + 3^2 + 15^2 = 15 + 19 + 22 + 32 + 152 \\ &:= 1^5 + 2^6 + 3^4 + 3^4 + 13^1 = 15 + 26 + 34 + 34 + 131 \\ &:= 1^6 + 1^6 + 3^4 + 6^2 + 11^2 = 16 + 16 + 34 + 62 + 112 \\ &:= 1^6 + 1^7 + 5^3 + 7^2 + 8^2 = 16 + 17 + 53 + 72 + 82 \\ &:= 1^6 + 1^8 + 2^2 + 3^2 + 15^2 = 16 + 18 + 22 + 32 + 152 \\ &:= 1^7 + 1^7 + 2^2 + 3^2 + 15^2 = 17 + 17 + 22 + 32 + 152 \\ &:= 1^8 + 2^2 + 2^7 + 7^1 + 10^2 = 18 + 22 + 27 + 71 + 102 \\ &:= 1^8 + 2^4 + 3^3 + 3^3 + 13^2 = 18 + 24 + 33 + 33 + 132 \\ &:= 1^8 + 2^5 + 3^4 + 5^1 + 11^2 = 18 + 25 + 34 + 51 + 112 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^5 + 3^4 + 5^3 + 11^0 = 18 + 25 + 34 + 53 + 110 \\ &:= 1^8 + 2^6 + 3^3 + 4^1 + 12^2 = 18 + 26 + 33 + 41 + 122 \\ &:= 1^8 + 2^7 + 5^1 + 5^2 + 9^2 = 18 + 27 + 51 + 52 + 92 \\ &:= 1^9 + 2^3 + 2^3 + 3^3 + 14^2 = 19 + 23 + 23 + 33 + 142 \\ &:= 1^9 + 2^3 + 2^5 + 3^1 + 14^2 = 19 + 23 + 25 + 31 + 142 \\ &:= 1^9 + 2^4 + 5^3 + 7^2 + 7^2 = 19 + 24 + 53 + 72 + 72 \\ &:= 1^9 + 2^6 + 5^3 + 7^0 + 7^2 = 19 + 26 + 53 + 70 + 72 \\ &:= 1^9 + 3^3 + 3^3 + 4^3 + 11^2 = 19 + 33 + 33 + 43 + 112 \\ &:= 2^0 + 2^1 + 2^5 + 3^2 + 14^2 = 20 + 21 + 25 + 32 + 142 \\ &:= 2^0 + 2^1 + 2^6 + 4^1 + 13^2 = 20 + 21 + 26 + 41 + 132 \\ &:= 2^0 + 2^2 + 3^3 + 4^3 + 12^2 = 20 + 22 + 33 + 43 + 122 \\ &:= 2^0 + 2^3 + 5^2 + 5^3 + 9^2 = 20 + 23 + 52 + 53 + 92 \\ &:= 2^0 + 2^5 + 5^0 + 5^3 + 9^2 = 20 + 25 + 50 + 53 + 92 \\ &:= 2^0 + 2^6 + 3^1 + 3^1 + 13^2 = 20 + 26 + 31 + 31 + 132 \\ &:= 2^0 + 3^4 + 5^2 + 5^3 + 8^1 = 20 + 34 + 52 + 53 + 81 \\ &:= 2^1 + 2^5 + 2^6 + 2^7 + 14^1 = 21 + 25 + 26 + 27 + 141 \\ &:= 2^2 + 2^4 + 3^1 + 6^3 + 10^0 = 22 + 24 + 31 + 63 + 100 \\ &:= 2^3 + 2^3 + 6^0 + 6^3 + 7^1 = 23 + 23 + 60 + 63 + 71 \\ &:= 2^3 + 2^6 + 2^7 + 3^3 + 13^1 = 23 + 26 + 27 + 33 + 131 \\ &:= 2^5 + 2^6 + 2^7 + 3^1 + 13^1 = 25 + 26 + 27 + 31 + 131 \\ &:= 2^5 + 2^6 + 2^7 + 4^1 + 12^1 = 25 + 26 + 27 + 41 + 121 \\ &:= 2^5 + 2^6 + 2^7 + 5^1 + 11^1 = 25 + 26 + 27 + 51 + 111 \\ &:= 2^5 + 2^6 + 2^7 + 6^1 + 10^1 = 25 + 26 + 27 + 61 + 101 \\ &:= 2^5 + 2^6 + 2^7 + 7^1 + 9^1 = 25 + 26 + 27 + 71 + 91 \\ &:= 2^5 + 2^6 + 2^7 + 8^1 + 8^1 = 25 + 26 + 27 + 81 + 81 \\ &:= 2^5 + 3^0 + 4^0 + 5^3 + 9^2 = 25 + 30 + 40 + 53 + 92 \\ &:= 4^0 + 4^3 + 5^2 + 5^2 + 5^3 = 40 + 43 + 52 + 52 + 53 \end{aligned}$$

2.2.142 Number 241

$$\begin{aligned}
 241 &:= 1^2 + 2^5 + 8^2 + 12^2 = 12 + 25 + 82 + 122 \\
 &:= 1^2 + 2^6 + 7^1 + 13^2 = 12 + 26 + 71 + 132 \\
 &:= 1^4 + 2^3 + 6^2 + 14^2 = 14 + 23 + 62 + 142 \\
 &:= 2^2 + 2^5 + 6^2 + 13^2 = 22 + 25 + 62 + 132 \\
 &:= 2^3 + 2^5 + 5^1 + 14^2 = 23 + 25 + 51 + 142 \\
 &:= 1^0 + 1^2 + 2^6 + 6^1 + 13^2 = 10 + 12 + 26 + 61 + 132 \\
 &:= 1^0 + 1^4 + 3^3 + 4^2 + 14^2 = 10 + 14 + 33 + 42 + 142 \\
 &:= 1^0 + 2^3 + 2^5 + 4^1 + 14^2 = 10 + 23 + 25 + 41 + 142 \\
 &:= 1^0 + 2^4 + 4^2 + 4^3 + 12^2 = 10 + 24 + 42 + 43 + 122 \\
 &:= 1^1 + 1^1 + 2^6 + 6^1 + 13^2 = 11 + 11 + 26 + 61 + 132 \\
 &:= 1^1 + 1^3 + 3^3 + 4^2 + 14^2 = 11 + 13 + 33 + 42 + 142 \\
 &:= 1^1 + 2^1 + 2^6 + 5^1 + 13^2 = 11 + 21 + 26 + 51 + 132 \\
 &:= 1^1 + 2^3 + 3^2 + 3^3 + 14^2 = 11 + 23 + 32 + 33 + 142 \\
 &:= 1^1 + 2^5 + 3^1 + 3^2 + 14^2 = 11 + 25 + 31 + 32 + 142 \\
 &:= 1^1 + 2^6 + 3^1 + 4^1 + 13^2 = 11 + 26 + 31 + 41 + 132 \\
 &:= 1^1 + 3^4 + 5^2 + 5^3 + 9^1 = 11 + 34 + 52 + 53 + 91 \\
 &:= 1^2 + 1^2 + 3^3 + 4^2 + 14^2 = 12 + 12 + 33 + 42 + 142 \\
 &:= 1^2 + 2^1 + 3^4 + 6^2 + 11^2 = 12 + 21 + 34 + 62 + 112 \\
 &:= 1^2 + 2^2 + 2^3 + 6^3 + 12^1 = 12 + 22 + 23 + 63 + 121 \\
 &:= 1^2 + 2^4 + 3^0 + 3^3 + 14^2 = 12 + 24 + 30 + 33 + 142 \\
 &:= 1^2 + 3^2 + 5^2 + 5^3 + 9^2 = 12 + 32 + 52 + 53 + 92 \\
 &:= 1^3 + 2^1 + 5^3 + 7^2 + 8^2 = 13 + 21 + 53 + 72 + 82 \\
 &:= 1^3 + 2^2 + 2^3 + 3^1 + 15^2 = 13 + 22 + 23 + 31 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 2^2 + 3^1 + 4^3 + 13^2 = 13 + 22 + 31 + 43 + 132 \\
 &:= 1^3 + 2^2 + 3^2 + 6^3 + 11^1 = 13 + 22 + 32 + 63 + 111 \\
 &:= 1^3 + 2^4 + 6^3 + 7^0 + 7^1 = 13 + 24 + 63 + 70 + 71 \\
 &:= 1^4 + 2^1 + 2^2 + 3^2 + 15^2 = 14 + 21 + 22 + 32 + 152 \\
 &:= 1^5 + 4^2 + 5^0 + 6^3 + 7^1 = 15 + 42 + 50 + 63 + 71 \\
 &:= 2^1 + 2^1 + 2^5 + 3^2 + 14^2 = 21 + 21 + 25 + 32 + 142 \\
 &:= 2^1 + 2^1 + 2^6 + 4^1 + 13^2 = 21 + 21 + 26 + 41 + 132 \\
 &:= 2^1 + 2^2 + 3^3 + 4^3 + 12^2 = 21 + 22 + 33 + 43 + 122 \\
 &:= 2^1 + 2^3 + 5^2 + 5^3 + 9^2 = 21 + 23 + 52 + 53 + 92 \\
 &:= 2^1 + 2^5 + 5^0 + 5^3 + 9^2 = 21 + 25 + 50 + 53 + 92 \\
 &:= 2^1 + 2^6 + 3^1 + 3^1 + 13^2 = 21 + 26 + 31 + 31 + 132 \\
 &:= 2^1 + 3^4 + 5^2 + 5^3 + 8^1 = 21 + 34 + 52 + 53 + 81 \\
 &:= 2^2 + 2^2 + 2^4 + 6^3 + 11^0 = 22 + 22 + 24 + 63 + 110 \\
 &:= 2^2 + 2^3 + 4^1 + 5^3 + 10^2 = 22 + 23 + 41 + 53 + 102 \\
 &:= 2^2 + 2^6 + 3^0 + 3^1 + 13^2 = 22 + 26 + 30 + 31 + 132 \\
 &:= 2^2 + 3^1 + 3^2 + 3^4 + 12^2 = 22 + 31 + 32 + 34 + 122 \\
 &:= 2^2 + 3^3 + 4^1 + 5^3 + 9^2 = 22 + 33 + 41 + 53 + 92 \\
 &:= 3^1 + 3^4 + 5^2 + 5^3 + 7^1 = 31 + 34 + 52 + 53 + 71 \\
 &:= 3^2 + 3^4 + 5^2 + 5^3 + 7^0 = 32 + 34 + 52 + 53 + 70 \\
 &:= 3^3 + 3^4 + 5^0 + 5^3 + 7^1 = 33 + 34 + 50 + 53 + 71 \\
 &:= 3^4 + 4^1 + 5^2 + 5^3 + 6^1 = 34 + 41 + 52 + 53 + 61 \\
 &:= 3^4 + 5^1 + 5^1 + 5^2 + 5^3 = 34 + 51 + 51 + 52 + 53
 \end{aligned}$$

2.2.143 Number 242

$$\begin{aligned}
 242 &:= 2^7 + 4^3 + 7^2 + 10^0 = 27 + 43 + 72 + 100 \\
 &:= 1^2 + 2^3 + 2^4 + 6^3 + 12^0 = 12 + 23 + 24 + 63 + 120 \\
 &:= 1^2 + 2^5 + 4^0 + 4^3 + 12^2 = 12 + 25 + 40 + 43 + 122 \\
 &:= 1^4 + 2^3 + 4^2 + 6^3 + 10^0 = 14 + 23 + 42 + 63 + 100 \\
 &:= 1^4 + 2^4 + 6^0 + 6^3 + 8^1 = 14 + 24 + 60 + 63 + 81 \\
 &:= 1^6 + 4^0 + 4^2 + 6^3 + 8^1 = 16 + 40 + 42 + 63 + 81 \\
 &:= 1^7 + 2^5 + 2^6 + 8^2 + 9^2 = 17 + 25 + 26 + 82 + 92 \\
 &:= 1^9 + 2^3 + 2^6 + 5^2 + 12^2 = 19 + 23 + 26 + 52 + 122 \\
 &:= 1^9 + 2^5 + 2^6 + 5^0 + 12^2 = 19 + 25 + 26 + 50 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^5 + 3^4 + 8^2 + 8^2 = 19 + 25 + 34 + 82 + 82 \\
 &:= 1^9 + 2^6 + 4^3 + 7^2 + 8^2 = 19 + 26 + 43 + 72 + 82 \\
 &:= 2^2 + 2^2 + 2^6 + 4^0 + 13^2 = 22 + 22 + 26 + 40 + 132 \\
 &:= 2^3 + 2^3 + 3^4 + 4^0 + 12^2 = 23 + 23 + 34 + 40 + 122 \\
 &:= 2^4 + 4^3 + 5^3 + 6^0 + 6^2 = 24 + 43 + 53 + 60 + 62 \\
 &:= 2^6 + 3^1 + 5^3 + 6^0 + 7^2 = 26 + 31 + 53 + 60 + 72 \\
 &:= 2^7 + 3^2 + 4^0 + 4^1 + 10^2 = 27 + 32 + 40 + 41 + 102
 \end{aligned}$$

2.2.144 Number 243

$$\begin{aligned}
 243 &:= 1^9 + 11^2 + 11^2 = 19 + 112 + 112 \\
 &:= 1^7 + 2^4 + 5^0 + 15^2 = 17 + 24 + 50 + 152 \\
 &:= 1^8 + 5^2 + 6^3 + 11^0 = 18 + 52 + 63 + 110 \\
 &:= 1^9 + 3^0 + 4^2 + 15^2 = 19 + 30 + 42 + 152 \\
 &:= 1^0 + 2^3 + 2^6 + 7^2 + 11^2 = 10 + 23 + 26 + 72 + 112 \\
 &:= 1^0 + 2^4 + 2^5 + 5^2 + 13^2 = 10 + 24 + 25 + 52 + 132 \\
 &:= 1^1 + 2^4 + 3^4 + 8^2 + 9^2 = 11 + 24 + 34 + 82 + 92 \\
 &:= 1^1 + 2^5 + 4^3 + 5^2 + 11^2 = 11 + 25 + 43 + 52 + 112 \\
 &:= 1^1 + 2^6 + 3^2 + 5^2 + 12^2 = 11 + 26 + 32 + 52 + 122 \\
 &:= 1^1 + 2^7 + 4^3 + 7^2 + 9^0 = 11 + 27 + 43 + 72 + 90 \\
 &:= 1^2 + 2^2 + 2^6 + 5^1 + 13^2 = 12 + 22 + 26 + 51 + 132 \\
 &:= 1^2 + 2^3 + 2^6 + 5^0 + 13^2 = 12 + 23 + 26 + 50 + 132 \\
 &:= 1^2 + 2^7 + 5^0 + 7^2 + 8^2 = 12 + 27 + 50 + 72 + 82 \\
 &:= 1^3 + 2^2 + 3^4 + 6^2 + 11^2 = 13 + 22 + 34 + 62 + 112 \\
 &:= 1^3 + 2^4 + 3^1 + 3^3 + 14^2 = 13 + 24 + 31 + 33 + 142 \\
 &:= 1^3 + 2^4 + 3^4 + 5^0 + 12^2 = 13 + 24 + 34 + 50 + 122 \\
 &:= 1^4 + 2^2 + 5^3 + 7^2 + 8^2 = 14 + 22 + 53 + 72 + 82 \\
 &:= 1^4 + 2^4 + 3^2 + 6^3 + 11^0 = 14 + 24 + 32 + 63 + 110 \\
 &:= 1^4 + 2^4 + 5^0 + 5^3 + 10^2 = 14 + 24 + 50 + 53 + 102 \\
 &:= 1^5 + 2^2 + 2^2 + 3^2 + 15^2 = 15 + 22 + 22 + 32 + 152 \\
 &:= 1^5 + 2^3 + 2^3 + 3^0 + 15^2 = 15 + 23 + 23 + 30 + 152 \\
 &:= 1^5 + 2^3 + 3^0 + 4^3 + 13^2 = 15 + 23 + 30 + 43 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 2^4 + 5^0 + 6^3 + 9^1 = 15 + 24 + 50 + 63 + 91 \\
 &:= 1^5 + 3^0 + 3^4 + 4^2 + 12^2 = 15 + 30 + 34 + 42 + 122 \\
 &:= 1^6 + 3^0 + 4^2 + 5^3 + 10^2 = 16 + 30 + 42 + 53 + 102 \\
 &:= 1^6 + 3^2 + 4^2 + 6^3 + 9^0 = 16 + 32 + 42 + 63 + 90 \\
 &:= 1^7 + 2^5 + 2^7 + 3^4 + 14^0 = 17 + 25 + 27 + 34 + 140 \\
 &:= 1^7 + 3^0 + 4^2 + 6^3 + 9^1 = 17 + 30 + 42 + 63 + 91 \\
 &:= 1^8 + 2^6 + 2^7 + 7^2 + 10^0 = 18 + 26 + 27 + 72 + 100 \\
 &:= 1^9 + 2^5 + 2^7 + 8^0 + 9^2 = 19 + 25 + 27 + 80 + 92 \\
 &:= 2^2 + 2^3 + 2^3 + 3^3 + 14^2 = 22 + 23 + 23 + 33 + 142 \\
 &:= 2^2 + 2^3 + 2^5 + 3^1 + 14^2 = 22 + 23 + 25 + 31 + 142 \\
 &:= 2^2 + 2^4 + 5^3 + 7^2 + 7^2 = 22 + 24 + 53 + 72 + 72 \\
 &:= 2^2 + 2^6 + 5^3 + 7^0 + 7^2 = 22 + 26 + 53 + 70 + 72 \\
 &:= 2^2 + 3^3 + 3^3 + 4^3 + 11^2 = 22 + 33 + 33 + 43 + 112 \\
 &:= 2^3 + 2^7 + 3^0 + 6^1 + 10^2 = 23 + 27 + 30 + 61 + 102 \\
 &:= 2^4 + 3^4 + 4^3 + 5^0 + 9^2 = 24 + 34 + 43 + 50 + 92 \\
 &:= 2^5 + 3^4 + 4^1 + 5^3 + 9^0 = 25 + 34 + 41 + 53 + 90 \\
 &:= 2^7 + 3^0 + 3^3 + 6^1 + 9^2 = 27 + 30 + 33 + 61 + 92 \\
 &:= 2^7 + 3^0 + 4^2 + 7^2 + 7^2 = 27 + 30 + 42 + 72 + 72 \\
 &:= 2^7 + 3^0 + 5^2 + 5^2 + 8^2 = 27 + 30 + 52 + 52 + 82 \\
 &:= 3^2 + 3^4 + 4^3 + 5^2 + 8^2 = 32 + 34 + 43 + 52 + 82 \\
 &:= 3^4 + 3^4 + 4^2 + 4^3 + 9^0 = 34 + 34 + 42 + 43 + 90
 \end{aligned}$$

2.2.145 Number 244

$$\begin{aligned}
 244 &:= 1^0 + 1^0 + 11^2 + 11^2 = 10 + 10 + 112 + 112 \\
 &:= 1^0 + 1^0 + 3^0 + 4^2 + 15^2 = 10 + 10 + 30 + 42 + 152 \\
 &:= 1^0 + 1^8 + 2^4 + 4^0 + 15^2 = 10 + 18 + 24 + 40 + 152 \\
 &:= 1^0 + 1^9 + 5^2 + 6^3 + 10^0 = 10 + 19 + 52 + 63 + 100 \\
 &:= 1^0 + 2^0 + 2^0 + 4^2 + 15^2 = 10 + 20 + 20 + 42 + 152 \\
 &:= 1^1 + 1^7 + 2^4 + 4^0 + 15^2 = 11 + 17 + 24 + 40 + 152 \\
 &:= 1^1 + 1^8 + 5^2 + 6^3 + 10^0 = 11 + 18 + 52 + 63 + 100 \\
 &:= 1^1 + 1^9 + 2^0 + 4^2 + 15^2 = 11 + 19 + 20 + 42 + 152 \\
 &:= 1^2 + 1^6 + 2^4 + 4^0 + 15^2 = 12 + 16 + 24 + 40 + 152 \\
 &:= 1^2 + 1^7 + 5^2 + 6^3 + 10^0 = 12 + 17 + 52 + 63 + 100 \\
 &:= 1^2 + 1^8 + 2^0 + 4^2 + 15^2 = 12 + 18 + 20 + 42 + 152 \\
 &:= 1^2 + 1^9 + 1^9 + 4^2 + 15^2 = 12 + 19 + 19 + 42 + 152 \\
 &:= 1^3 + 1^5 + 2^4 + 4^0 + 15^2 = 13 + 15 + 24 + 40 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 1^6 + 5^2 + 6^3 + 10^0 = 13 + 16 + 52 + 63 + 100 \\
 &:= 1^3 + 1^7 + 2^0 + 4^2 + 15^2 = 13 + 17 + 20 + 42 + 152 \\
 &:= 1^3 + 1^8 + 1^9 + 4^2 + 15^2 = 13 + 18 + 19 + 42 + 152 \\
 &:= 1^4 + 1^4 + 2^4 + 4^0 + 15^2 = 14 + 14 + 24 + 40 + 152 \\
 &:= 1^4 + 1^5 + 5^2 + 6^3 + 10^0 = 14 + 15 + 52 + 63 + 100 \\
 &:= 1^4 + 1^6 + 2^0 + 4^2 + 15^2 = 14 + 16 + 20 + 42 + 152 \\
 &:= 1^4 + 1^7 + 1^9 + 4^2 + 15^2 = 14 + 17 + 19 + 42 + 152 \\
 &:= 1^4 + 1^8 + 1^8 + 4^2 + 15^2 = 14 + 18 + 18 + 42 + 152 \\
 &:= 1^4 + 2^6 + 3^2 + 4^0 + 13^2 = 14 + 26 + 32 + 40 + 132 \\
 &:= 1^5 + 1^5 + 2^0 + 4^2 + 15^2 = 15 + 15 + 20 + 42 + 152 \\
 &:= 1^5 + 1^6 + 1^9 + 4^2 + 15^2 = 15 + 16 + 19 + 42 + 152 \\
 &:= 1^5 + 1^7 + 1^8 + 4^2 + 15^2 = 15 + 17 + 18 + 42 + 152 \\
 &:= 1^5 + 3^4 + 5^3 + 6^2 + 8^0 = 15 + 34 + 53 + 62 + 80
 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 1^6 + 1^8 + 4^2 + 15^2 = 16 + 16 + 18 + 42 + 152 \\ &:= 1^6 + 1^7 + 1^7 + 4^2 + 15^2 = 16 + 17 + 17 + 42 + 152 \\ &:= 1^6 + 2^4 + 4^0 + 6^3 + 10^1 = 16 + 24 + 40 + 63 + 101 \\ &:= 1^7 + 2^0 + 2^3 + 3^2 + 15^2 = 17 + 20 + 23 + 32 + 152 \\ &:= 1^7 + 2^0 + 3^2 + 4^3 + 13^2 = 17 + 20 + 32 + 43 + 132 \\ &:= 1^7 + 2^0 + 5^3 + 6^2 + 9^2 = 17 + 20 + 53 + 62 + 92 \\ &:= 1^8 + 1^9 + 2^3 + 3^2 + 15^2 = 18 + 19 + 23 + 32 + 152 \\ &:= 1^8 + 1^9 + 3^2 + 4^3 + 13^2 = 18 + 19 + 32 + 43 + 132 \\ &:= 1^8 + 1^9 + 5^3 + 6^2 + 9^2 = 18 + 19 + 53 + 62 + 92 \\ &:= 1^8 + 2^0 + 2^4 + 3^0 + 15^2 = 18 + 20 + 24 + 30 + 152 \\ &:= 1^8 + 2^0 + 4^2 + 6^3 + 10^1 = 18 + 20 + 42 + 63 + 101 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 1^9 + 2^4 + 3^0 + 15^2 = 19 + 19 + 24 + 30 + 152 \\ &:= 1^9 + 1^9 + 4^2 + 6^3 + 10^1 = 19 + 19 + 42 + 63 + 101 \\ &:= 1^9 + 2^0 + 5^2 + 6^3 + 9^0 = 19 + 20 + 52 + 63 + 90 \\ &:= 1^9 + 3^0 + 5^2 + 6^3 + 8^0 = 19 + 30 + 52 + 63 + 80 \\ &:= 1^9 + 4^0 + 5^2 + 6^3 + 7^0 = 19 + 40 + 52 + 63 + 70 \\ &:= 1^9 + 5^0 + 5^2 + 6^0 + 6^3 = 19 + 50 + 52 + 60 + 63 \\ &:= 2^3 + 2^6 + 3^3 + 4^0 + 12^2 = 23 + 26 + 33 + 40 + 122 \\ &:= 2^5 + 2^6 + 3^1 + 4^0 + 12^2 = 25 + 26 + 31 + 40 + 122 \\ &:= 2^6 + 3^4 + 4^0 + 7^2 + 7^2 = 26 + 34 + 40 + 72 + 72 \\ &:= 2^7 + 3^4 + 4^0 + 5^2 + 9^1 = 27 + 34 + 40 + 52 + 91 \end{aligned}$$

2.2.146 Number 245

$$\begin{aligned} 245 &:= 1^0 + 3^5 + 20^0 = 10 + 35 + 200 \\ &:= 2^0 + 3^5 + 19^0 = 20 + 35 + 190 \\ &:= 3^0 + 3^5 + 18^0 = 30 + 35 + 180 \\ &:= 3^5 + 10^0 + 11^0 = 35 + 100 + 110 \\ &:= 3^5 + 4^0 + 17^0 = 35 + 40 + 170 \\ &:= 3^5 + 5^0 + 16^0 = 35 + 50 + 160 \\ &:= 3^5 + 6^0 + 15^0 = 35 + 60 + 150 \\ &:= 3^5 + 7^0 + 14^0 = 35 + 70 + 140 \\ &:= 3^5 + 8^0 + 13^0 = 35 + 80 + 130 \\ &:= 3^5 + 9^0 + 12^0 = 35 + 90 + 120 \\ &:= 1^8 + 4^3 + 6^2 + 12^2 = 18 + 43 + 62 + 122 \\ &:= 1^9 + 3^3 + 6^3 + 13^0 = 19 + 33 + 63 + 130 \\ &:= 1^9 + 4^2 + 6^3 + 12^1 = 19 + 42 + 63 + 121 \\ &:= 2^0 + 3^1 + 4^2 + 15^2 = 20 + 31 + 42 + 152 \\ &:= 1^0 + 1^7 + 3^4 + 9^2 + 9^2 = 10 + 17 + 34 + 92 + 92 \\ &:= 1^0 + 1^9 + 3^2 + 3^2 + 15^2 = 10 + 19 + 32 + 32 + 152 \\ &:= 1^0 + 1^9 + 4^2 + 6^3 + 11^1 = 10 + 19 + 42 + 63 + 111 \\ &:= 1^0 + 2^0 + 2^1 + 4^2 + 15^2 = 10 + 20 + 21 + 42 + 152 \\ &:= 1^1 + 1^6 + 3^4 + 9^2 + 9^2 = 11 + 16 + 34 + 92 + 92 \\ &:= 1^1 + 1^8 + 3^2 + 3^2 + 15^2 = 11 + 18 + 32 + 32 + 152 \\ &:= 1^1 + 1^8 + 4^2 + 6^3 + 11^1 = 11 + 18 + 42 + 63 + 111 \\ &:= 1^1 + 1^9 + 2^1 + 4^2 + 15^2 = 11 + 19 + 21 + 42 + 152 \\ &:= 1^1 + 2^4 + 2^6 + 8^2 + 10^2 = 11 + 24 + 26 + 82 + 102 \\ &:= 1^1 + 2^5 + 2^5 + 6^2 + 12^2 = 11 + 25 + 25 + 62 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^5 + 3^4 + 9^2 + 9^2 = 12 + 15 + 34 + 92 + 92 \\ &:= 1^2 + 1^7 + 3^2 + 3^2 + 15^2 = 12 + 17 + 32 + 32 + 152 \\ &:= 1^2 + 1^7 + 4^2 + 6^3 + 11^1 = 12 + 17 + 42 + 63 + 111 \\ &:= 1^2 + 1^8 + 2^1 + 4^2 + 15^2 = 12 + 18 + 21 + 42 + 152 \\ &:= 1^2 + 2^3 + 2^7 + 8^1 + 10^2 = 12 + 23 + 27 + 81 + 102 \\ &:= 1^2 + 2^7 + 3^3 + 8^1 + 9^2 = 12 + 27 + 33 + 81 + 92 \\ &:= 1^3 + 1^4 + 3^4 + 9^2 + 9^2 = 13 + 14 + 34 + 92 + 92 \\ &:= 1^3 + 1^6 + 3^2 + 3^2 + 15^2 = 13 + 16 + 32 + 32 + 152 \\ &:= 1^3 + 1^6 + 4^2 + 6^3 + 11^1 = 13 + 16 + 42 + 63 + 111 \\ &:= 1^3 + 1^7 + 2^1 + 4^2 + 15^2 = 13 + 17 + 21 + 42 + 152 \\ &:= 1^3 + 2^4 + 2^4 + 4^2 + 14^2 = 13 + 24 + 24 + 42 + 142 \\ &:= 1^3 + 2^5 + 3^3 + 4^2 + 13^2 = 13 + 25 + 33 + 42 + 132 \\ &:= 1^3 + 2^7 + 3^2 + 7^1 + 10^2 = 13 + 27 + 32 + 71 + 102 \\ &:= 1^3 + 3^4 + 3^4 + 3^4 + 13^0 = 13 + 34 + 34 + 34 + 130 \\ &:= 1^4 + 1^5 + 3^2 + 3^2 + 15^2 = 14 + 15 + 32 + 32 + 152 \\ &:= 1^4 + 1^5 + 4^2 + 6^3 + 11^1 = 14 + 15 + 42 + 63 + 111 \\ &:= 1^4 + 1^6 + 2^1 + 4^2 + 15^2 = 14 + 16 + 21 + 42 + 152 \\ &:= 1^4 + 2^5 + 4^1 + 4^3 + 12^2 = 14 + 25 + 41 + 43 + 122 \\ &:= 1^4 + 2^5 + 5^3 + 6^1 + 9^2 = 14 + 25 + 53 + 61 + 92 \\ &:= 1^4 + 3^3 + 3^4 + 5^3 + 11^1 = 14 + 33 + 34 + 53 + 111 \\ &:= 1^4 + 3^3 + 3^4 + 6^2 + 10^2 = 14 + 33 + 34 + 62 + 102 \\ &:= 1^5 + 1^5 + 2^1 + 4^2 + 15^2 = 15 + 15 + 21 + 42 + 152 \\ &:= 1^5 + 2^3 + 2^3 + 6^3 + 12^1 = 15 + 23 + 23 + 63 + 121 \\ &:= 1^5 + 3^2 + 3^3 + 4^3 + 12^2 = 15 + 32 + 33 + 43 + 122 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 3^4 + 3^4 + 7^0 + 9^2 = 15 + 34 + 34 + 70 + 92 \\
 &:= 1^5 + 4^2 + 4^3 + 4^3 + 10^2 = 15 + 42 + 43 + 43 + 102 \\
 &:= 1^6 + 2^3 + 2^3 + 3^1 + 15^2 = 16 + 23 + 23 + 31 + 152 \\
 &:= 1^6 + 2^3 + 3^1 + 4^3 + 13^2 = 16 + 23 + 31 + 43 + 132 \\
 &:= 1^6 + 2^3 + 3^2 + 6^3 + 11^1 = 16 + 23 + 32 + 63 + 111 \\
 &:= 1^6 + 3^1 + 3^4 + 4^2 + 12^2 = 16 + 31 + 34 + 42 + 122 \\
 &:= 1^6 + 4^3 + 5^3 + 6^1 + 7^2 = 16 + 43 + 53 + 61 + 72 \\
 &:= 1^7 + 2^1 + 2^3 + 3^2 + 15^2 = 17 + 21 + 23 + 32 + 152 \\
 &:= 1^7 + 2^1 + 3^2 + 4^3 + 13^2 = 17 + 21 + 32 + 43 + 132 \\
 &:= 1^7 + 2^1 + 5^3 + 6^2 + 9^2 = 17 + 21 + 53 + 62 + 92 \\
 &:= 1^7 + 2^4 + 3^0 + 6^3 + 11^1 = 17 + 24 + 30 + 63 + 111 \\
 &:= 1^7 + 3^1 + 4^2 + 5^3 + 10^2 = 17 + 31 + 42 + 53 + 102 \\
 &:= 1^7 + 3^2 + 3^2 + 6^3 + 10^1 = 17 + 32 + 32 + 63 + 101 \\
 &:= 1^8 + 2^1 + 2^4 + 3^0 + 15^2 = 18 + 21 + 24 + 30 + 152 \\
 &:= 1^8 + 2^1 + 4^2 + 6^3 + 10^1 = 18 + 21 + 42 + 63 + 101 \\
 &:= 1^8 + 3^1 + 4^2 + 6^3 + 9^1 = 18 + 31 + 42 + 63 + 91 \\
 &:= 1^8 + 4^1 + 4^2 + 6^3 + 8^1 = 18 + 41 + 42 + 63 + 81 \\
 &:= 1^8 + 4^2 + 5^1 + 6^3 + 7^1 = 18 + 42 + 51 + 63 + 71 \\
 &:= 1^8 + 4^2 + 6^1 + 6^1 + 6^3 = 18 + 42 + 61 + 61 + 63 \\
 &:= 1^9 + 2^1 + 5^2 + 6^3 + 9^0 = 19 + 21 + 52 + 63 + 90 \\
 &:= 2^2 + 2^3 + 2^6 + 5^2 + 12^2 = 22 + 23 + 26 + 52 + 122 \\
 &:= 2^2 + 2^5 + 2^6 + 5^0 + 12^2 = 22 + 25 + 26 + 50 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^5 + 3^4 + 8^2 + 8^2 = 22 + 25 + 34 + 82 + 82 \\
 &:= 2^2 + 2^6 + 4^3 + 7^2 + 8^2 = 22 + 26 + 43 + 72 + 82 \\
 &:= 2^3 + 2^3 + 2^7 + 7^0 + 10^2 = 23 + 23 + 27 + 70 + 102 \\
 &:= 2^3 + 2^4 + 2^4 + 3^2 + 14^2 = 23 + 24 + 24 + 32 + 142 \\
 &:= 2^3 + 2^5 + 3^2 + 3^3 + 13^2 = 23 + 25 + 32 + 33 + 132 \\
 &:= 2^3 + 2^7 + 3^3 + 7^0 + 9^2 = 23 + 27 + 33 + 70 + 92 \\
 &:= 2^3 + 3^4 + 3^4 + 4^3 + 11^1 = 23 + 34 + 34 + 43 + 111 \\
 &:= 2^4 + 2^6 + 4^3 + 5^0 + 10^2 = 24 + 26 + 43 + 50 + 102 \\
 &:= 2^4 + 2^7 + 5^0 + 6^2 + 8^2 = 24 + 27 + 50 + 62 + 82 \\
 &:= 2^5 + 2^5 + 3^1 + 3^2 + 13^2 = 25 + 25 + 31 + 32 + 132 \\
 &:= 2^5 + 2^7 + 3^1 + 7^0 + 9^2 = 25 + 27 + 31 + 70 + 92 \\
 &:= 2^5 + 3^3 + 3^4 + 5^1 + 10^2 = 25 + 33 + 34 + 51 + 102 \\
 &:= 2^5 + 3^4 + 4^2 + 4^2 + 10^2 = 25 + 34 + 42 + 42 + 102 \\
 &:= 2^5 + 4^3 + 4^3 + 6^2 + 7^2 = 25 + 43 + 43 + 62 + 72 \\
 &:= 2^7 + 3^2 + 4^3 + 6^2 + 8^1 = 27 + 32 + 43 + 62 + 81 \\
 &:= 2^7 + 3^2 + 6^2 + 6^2 + 6^2 = 27 + 32 + 62 + 62 + 62 \\
 &:= 2^7 + 3^3 + 3^4 + 7^0 + 8^1 = 27 + 33 + 34 + 70 + 81 \\
 &:= 2^7 + 3^3 + 4^3 + 5^2 + 9^0 = 27 + 33 + 43 + 52 + 90 \\
 &:= 2^7 + 3^3 + 5^1 + 6^2 + 7^2 = 27 + 33 + 51 + 62 + 72 \\
 &:= 2^7 + 4^2 + 4^2 + 6^2 + 7^2 = 27 + 42 + 42 + 62 + 72
 \end{aligned}$$

2.2.147 Number 246

$$\begin{aligned}
 246 &:= 2^1 + 3^5 + 19^0 = 21 + 35 + 190 \\
 &:= 2^2 + 11^2 + 11^2 = 22 + 112 + 112 \\
 &:= 4^2 + 6^3 + 14^1 = 42 + 63 + 141 \\
 &:= 5^2 + 5^2 + 14^2 = 52 + 52 + 142 \\
 &:= 1^0 + 1^1 + 3^5 + 19^0 = 10 + 11 + 35 + 190 \\
 &:= 1^0 + 1^2 + 10^2 + 12^2 = 10 + 12 + 102 + 122 \\
 &:= 1^0 + 4^2 + 6^3 + 13^1 = 10 + 42 + 63 + 131 \\
 &:= 1^1 + 1^1 + 10^2 + 12^2 = 11 + 11 + 102 + 122 \\
 &:= 1^1 + 2^0 + 3^5 + 18^0 = 11 + 20 + 35 + 180 \\
 &:= 1^1 + 3^0 + 3^5 + 17^0 = 11 + 30 + 35 + 170 \\
 &:= 1^1 + 3^5 + 10^0 + 10^0 = 11 + 35 + 100 + 100 \\
 &:= 1^1 + 3^5 + 4^0 + 16^0 = 11 + 35 + 40 + 160 \\
 &:= 1^1 + 3^5 + 5^0 + 15^0 = 11 + 35 + 50 + 150 \\
 &:= 1^1 + 3^5 + 6^0 + 14^0 = 11 + 35 + 60 + 140
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 3^5 + 7^0 + 13^0 = 11 + 35 + 70 + 130 \\
 &:= 1^1 + 3^5 + 8^0 + 12^0 = 11 + 35 + 80 + 120 \\
 &:= 1^1 + 3^5 + 9^0 + 11^0 = 11 + 35 + 90 + 110 \\
 &:= 1^1 + 4^1 + 4^2 + 15^2 = 11 + 41 + 42 + 152 \\
 &:= 1^2 + 1^9 + 3^5 + 18^0 = 12 + 19 + 35 + 180 \\
 &:= 1^3 + 1^8 + 3^5 + 18^0 = 13 + 18 + 35 + 180 \\
 &:= 1^4 + 1^7 + 3^5 + 18^0 = 14 + 17 + 35 + 180 \\
 &:= 1^5 + 1^6 + 3^5 + 18^0 = 15 + 16 + 35 + 180 \\
 &:= 2^1 + 3^1 + 4^2 + 15^2 = 21 + 31 + 42 + 152 \\
 &:= 2^2 + 3^0 + 4^2 + 15^2 = 22 + 30 + 42 + 152 \\
 &:= 4^1 + 5^2 + 6^3 + 9^0 = 41 + 52 + 63 + 90 \\
 &:= 1^0 + 1^0 + 3^3 + 6^3 + 13^0 = 10 + 10 + 33 + 63 + 130 \\
 &:= 1^0 + 1^0 + 4^2 + 6^3 + 12^1 = 10 + 10 + 42 + 63 + 121 \\
 &:= 1^0 + 1^1 + 3^1 + 4^2 + 15^2 = 10 + 11 + 31 + 42 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^0 + 3^3 + 6^3 + 12^0 = 10 + 20 + 33 + 63 + 120 \\
 &:= 1^0 + 2^1 + 2^1 + 4^2 + 15^2 = 10 + 21 + 21 + 42 + 152 \\
 &:= 1^0 + 3^0 + 3^3 + 6^3 + 11^0 = 10 + 30 + 33 + 63 + 110 \\
 &:= 1^0 + 3^1 + 5^2 + 6^3 + 9^0 = 10 + 31 + 52 + 63 + 90 \\
 &:= 1^0 + 3^3 + 4^0 + 6^3 + 10^0 = 10 + 33 + 40 + 63 + 100 \\
 &:= 1^0 + 3^3 + 5^0 + 6^3 + 9^0 = 10 + 33 + 50 + 63 + 90 \\
 &:= 1^0 + 3^3 + 6^0 + 6^3 + 8^0 = 10 + 33 + 60 + 63 + 80 \\
 &:= 1^0 + 3^3 + 6^3 + 7^0 + 7^0 = 10 + 33 + 63 + 70 + 70 \\
 &:= 1^1 + 1^9 + 3^3 + 6^3 + 12^0 = 11 + 19 + 33 + 63 + 120 \\
 &:= 1^2 + 1^8 + 3^3 + 6^3 + 12^0 = 12 + 18 + 33 + 63 + 120 \\
 &:= 1^3 + 1^7 + 3^3 + 6^3 + 12^0 = 13 + 17 + 33 + 63 + 120 \\
 &:= 1^3 + 2^4 + 2^7 + 8^0 + 10^2 = 13 + 24 + 27 + 80 + 102 \\
 &:= 1^4 + 1^6 + 3^3 + 6^3 + 12^0 = 14 + 16 + 33 + 63 + 120 \\
 &:= 1^5 + 1^5 + 3^3 + 6^3 + 12^0 = 15 + 15 + 33 + 63 + 120 \\
 &:= 1^5 + 2^4 + 2^5 + 4^0 + 14^2 = 15 + 24 + 25 + 40 + 142 \\
 &:= 1^5 + 2^7 + 4^2 + 6^0 + 10^2 = 15 + 27 + 42 + 60 + 102 \\
 &:= 1^6 + 2^0 + 2^6 + 6^2 + 12^2 = 16 + 20 + 26 + 62 + 122 \\
 &:= 1^7 + 1^9 + 2^6 + 6^2 + 12^2 = 17 + 19 + 26 + 62 + 122 \\
 &:= 1^7 + 2^0 + 2^5 + 4^2 + 14^2 = 17 + 20 + 25 + 42 + 142 \\
 &:= 1^8 + 1^8 + 2^6 + 6^2 + 12^2 = 18 + 18 + 26 + 62 + 122 \\
 &:= 1^8 + 1^9 + 2^5 + 4^2 + 14^2 = 18 + 19 + 25 + 42 + 142 \\
 &:= 1^8 + 2^0 + 2^4 + 6^3 + 12^1 = 18 + 20 + 24 + 63 + 121 \\
 &:= 1^9 + 1^9 + 2^4 + 6^3 + 12^1 = 19 + 19 + 24 + 63 + 121 \\
 &:= 1^9 + 2^0 + 2^4 + 3^1 + 15^2 = 19 + 20 + 24 + 31 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^0 + 3^3 + 6^3 + 11^0 = 20 + 20 + 33 + 63 + 110 \\
 &:= 2^0 + 3^0 + 3^3 + 6^3 + 10^0 = 20 + 30 + 33 + 63 + 100 \\
 &:= 2^0 + 3^1 + 5^2 + 6^3 + 8^0 = 20 + 31 + 52 + 63 + 80 \\
 &:= 2^0 + 3^3 + 4^0 + 6^3 + 9^0 = 20 + 33 + 40 + 63 + 90 \\
 &:= 2^0 + 3^3 + 5^0 + 6^3 + 8^0 = 20 + 33 + 50 + 63 + 80 \\
 &:= 2^0 + 3^3 + 6^0 + 6^3 + 7^0 = 20 + 33 + 60 + 63 + 70 \\
 &:= 2^2 + 2^5 + 2^7 + 8^0 + 9^2 = 22 + 25 + 27 + 80 + 92 \\
 &:= 2^5 + 2^5 + 3^4 + 6^0 + 10^2 = 25 + 25 + 34 + 60 + 102 \\
 &:= 2^5 + 2^7 + 6^0 + 6^2 + 7^2 = 25 + 27 + 60 + 62 + 72 \\
 &:= 2^6 + 2^6 + 4^0 + 6^2 + 9^2 = 26 + 26 + 40 + 62 + 92 \\
 &:= 2^6 + 2^7 + 4^1 + 7^2 + 8^0 = 26 + 27 + 41 + 72 + 80 \\
 &:= 2^7 + 3^2 + 3^3 + 3^4 + 12^0 = 27 + 32 + 33 + 34 + 120 \\
 &:= 3^0 + 3^0 + 3^3 + 6^3 + 9^0 = 30 + 30 + 33 + 63 + 90 \\
 &:= 3^0 + 3^1 + 5^2 + 6^3 + 7^0 = 30 + 31 + 52 + 63 + 70 \\
 &:= 3^0 + 3^3 + 4^0 + 6^3 + 8^0 = 30 + 33 + 40 + 63 + 80 \\
 &:= 3^0 + 3^3 + 5^0 + 6^3 + 7^0 = 30 + 33 + 50 + 63 + 70 \\
 &:= 3^0 + 3^3 + 6^0 + 6^0 + 6^3 = 30 + 33 + 60 + 60 + 63 \\
 &:= 3^1 + 4^0 + 5^2 + 6^0 + 6^3 = 31 + 40 + 52 + 60 + 63 \\
 &:= 3^1 + 5^0 + 5^0 + 5^2 + 6^3 = 31 + 50 + 50 + 52 + 63 \\
 &:= 3^3 + 4^0 + 4^0 + 6^3 + 7^0 = 33 + 40 + 40 + 63 + 70 \\
 &:= 3^3 + 4^0 + 5^0 + 6^0 + 6^3 = 33 + 40 + 50 + 60 + 63 \\
 &:= 3^3 + 5^0 + 5^0 + 5^0 + 6^3 = 33 + 50 + 50 + 50 + 63
 \end{aligned}$$

2.2.148 Number 247

$$\begin{aligned}
 247 &:= 1^1 + 2^1 + 3^5 + 18^0 = 11 + 21 + 35 + 180 \\
 &:= 1^3 + 2^0 + 7^2 + 14^2 = 13 + 20 + 72 + 142 \\
 &:= 1^4 + 1^9 + 7^2 + 14^2 = 14 + 19 + 72 + 142 \\
 &:= 1^5 + 1^8 + 7^2 + 14^2 = 15 + 18 + 72 + 142 \\
 &:= 1^6 + 1^7 + 7^2 + 14^2 = 16 + 17 + 72 + 142 \\
 &:= 1^9 + 2^4 + 6^3 + 14^1 = 19 + 24 + 63 + 141 \\
 &:= 2^0 + 2^4 + 5^1 + 15^2 = 20 + 24 + 51 + 152 \\
 &:= 3^1 + 3^3 + 6^3 + 12^0 = 31 + 33 + 63 + 120 \\
 &:= 1^0 + 1^0 + 1^2 + 3^5 + 18^0 = 10 + 10 + 12 + 35 + 180 \\
 &:= 1^0 + 1^1 + 1^1 + 3^5 + 18^0 = 10 + 11 + 11 + 35 + 180 \\
 &:= 1^0 + 1^2 + 2^0 + 3^5 + 17^0 = 10 + 12 + 20 + 35 + 170 \\
 &:= 1^0 + 1^2 + 3^0 + 3^5 + 16^0 = 10 + 12 + 30 + 35 + 160
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^2 + 3^5 + 4^0 + 15^0 = 10 + 12 + 35 + 40 + 150 \\
 &:= 1^0 + 1^2 + 3^5 + 5^0 + 14^0 = 10 + 12 + 35 + 50 + 140 \\
 &:= 1^0 + 1^2 + 3^5 + 6^0 + 13^0 = 10 + 12 + 35 + 60 + 130 \\
 &:= 1^0 + 1^2 + 3^5 + 7^0 + 12^0 = 10 + 12 + 35 + 70 + 120 \\
 &:= 1^0 + 1^2 + 3^5 + 8^0 + 11^0 = 10 + 12 + 35 + 80 + 110 \\
 &:= 1^0 + 1^2 + 3^5 + 9^0 + 10^0 = 10 + 12 + 35 + 90 + 100 \\
 &:= 1^0 + 1^3 + 1^9 + 3^5 + 17^0 = 10 + 13 + 19 + 35 + 170 \\
 &:= 1^0 + 1^4 + 1^8 + 3^5 + 17^0 = 10 + 14 + 18 + 35 + 170 \\
 &:= 1^0 + 1^5 + 1^7 + 3^5 + 17^0 = 10 + 15 + 17 + 35 + 170 \\
 &:= 1^0 + 1^6 + 1^6 + 3^5 + 17^0 = 10 + 16 + 16 + 35 + 170 \\
 &:= 1^0 + 1^7 + 2^6 + 9^2 + 10^2 = 10 + 17 + 26 + 92 + 102 \\
 &:= 1^0 + 1^9 + 2^4 + 6^3 + 13^1 = 10 + 19 + 24 + 63 + 131
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^9 + 3^4 + 8^2 + 10^2 = 10 + 19 + 34 + 82 + 102 \\ &:= 1^0 + 2^0 + 2^4 + 4^1 + 15^2 = 10 + 20 + 24 + 41 + 152 \\ &:= 1^0 + 2^1 + 3^3 + 6^3 + 12^0 = 10 + 21 + 33 + 63 + 120 \\ &:= 1^0 + 2^2 + 5^2 + 6^3 + 10^0 = 10 + 22 + 52 + 63 + 100 \\ &:= 1^1 + 1^1 + 2^0 + 3^5 + 17^0 = 11 + 11 + 20 + 35 + 170 \\ &:= 1^1 + 1^1 + 3^0 + 3^5 + 16^0 = 11 + 11 + 30 + 35 + 160 \\ &:= 1^1 + 1^1 + 3^5 + 4^0 + 15^0 = 11 + 11 + 35 + 40 + 150 \\ &:= 1^1 + 1^1 + 3^5 + 5^0 + 14^0 = 11 + 11 + 35 + 50 + 140 \\ &:= 1^1 + 1^1 + 3^5 + 6^0 + 13^0 = 11 + 11 + 35 + 60 + 130 \\ &:= 1^1 + 1^1 + 3^5 + 7^0 + 12^0 = 11 + 11 + 35 + 70 + 120 \\ &:= 1^1 + 1^1 + 3^5 + 8^0 + 11^0 = 11 + 11 + 35 + 80 + 110 \\ &:= 1^1 + 1^1 + 3^5 + 9^0 + 10^0 = 11 + 11 + 35 + 90 + 100 \\ &:= 1^1 + 1^2 + 1^9 + 3^5 + 17^0 = 11 + 12 + 19 + 35 + 170 \\ &:= 1^1 + 1^3 + 1^8 + 3^5 + 17^0 = 11 + 13 + 18 + 35 + 170 \\ &:= 1^1 + 1^4 + 1^7 + 3^5 + 17^0 = 11 + 14 + 17 + 35 + 170 \\ &:= 1^1 + 1^5 + 1^6 + 3^5 + 17^0 = 11 + 15 + 16 + 35 + 170 \\ &:= 1^1 + 1^6 + 2^6 + 9^2 + 10^2 = 11 + 16 + 26 + 92 + 102 \\ &:= 1^1 + 1^8 + 2^4 + 6^3 + 13^1 = 11 + 18 + 24 + 63 + 131 \\ &:= 1^1 + 1^8 + 3^4 + 8^2 + 10^2 = 11 + 18 + 34 + 82 + 102 \\ &:= 1^1 + 1^9 + 2^4 + 4^1 + 15^2 = 11 + 19 + 24 + 41 + 152 \\ &:= 1^1 + 2^0 + 2^2 + 4^2 + 15^2 = 11 + 20 + 22 + 42 + 152 \\ &:= 1^1 + 4^1 + 5^2 + 6^3 + 8^0 = 11 + 41 + 52 + 63 + 80 \\ &:= 1^2 + 1^2 + 1^8 + 3^5 + 17^0 = 12 + 12 + 18 + 35 + 170 \\ &:= 1^2 + 1^3 + 1^7 + 3^5 + 17^0 = 12 + 13 + 17 + 35 + 170 \\ &:= 1^2 + 1^4 + 1^6 + 3^5 + 17^0 = 12 + 14 + 16 + 35 + 170 \\ &:= 1^2 + 1^5 + 1^5 + 3^5 + 17^0 = 12 + 15 + 15 + 35 + 170 \\ &:= 1^2 + 1^5 + 2^6 + 9^2 + 10^2 = 12 + 15 + 26 + 92 + 102 \\ &:= 1^2 + 1^7 + 2^4 + 6^3 + 13^1 = 12 + 17 + 24 + 63 + 131 \\ &:= 1^2 + 1^7 + 3^4 + 8^2 + 10^2 = 12 + 17 + 34 + 82 + 102 \\ &:= 1^2 + 1^8 + 2^4 + 4^1 + 15^2 = 12 + 18 + 24 + 41 + 152 \\ &:= 1^2 + 1^9 + 2^2 + 4^2 + 15^2 = 12 + 19 + 22 + 42 + 152 \\ &:= 1^2 + 2^0 + 2^0 + 3^5 + 16^0 = 12 + 20 + 20 + 35 + 160 \\ &:= 1^2 + 2^0 + 3^0 + 3^5 + 15^0 = 12 + 20 + 30 + 35 + 150 \\ &:= 1^2 + 2^0 + 3^5 + 4^0 + 14^0 = 12 + 20 + 35 + 40 + 140 \\ &:= 1^2 + 2^0 + 3^5 + 5^0 + 13^0 = 12 + 20 + 35 + 50 + 130 \\ &:= 1^2 + 2^0 + 3^5 + 6^0 + 12^0 = 12 + 20 + 35 + 60 + 120 \\ &:= 1^2 + 2^0 + 3^5 + 7^0 + 11^0 = 12 + 20 + 35 + 70 + 110 \\ &:= 1^2 + 2^0 + 3^5 + 8^0 + 10^0 = 12 + 20 + 35 + 80 + 100 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^0 + 3^5 + 9^0 + 9^0 = 12 + 20 + 35 + 90 + 90 \\ &:= 1^2 + 3^0 + 3^0 + 3^5 + 14^0 = 12 + 30 + 30 + 35 + 140 \\ &:= 1^2 + 3^0 + 3^5 + 4^0 + 13^0 = 12 + 30 + 35 + 40 + 130 \\ &:= 1^2 + 3^0 + 3^5 + 5^0 + 12^0 = 12 + 30 + 35 + 50 + 120 \\ &:= 1^2 + 3^0 + 3^5 + 6^0 + 11^0 = 12 + 30 + 35 + 60 + 110 \\ &:= 1^2 + 3^0 + 3^5 + 7^0 + 10^0 = 12 + 30 + 35 + 70 + 100 \\ &:= 1^2 + 3^0 + 3^5 + 8^0 + 9^0 = 12 + 30 + 35 + 80 + 90 \\ &:= 1^2 + 3^5 + 4^0 + 4^0 + 12^0 = 12 + 35 + 40 + 40 + 120 \\ &:= 1^2 + 3^5 + 4^0 + 5^0 + 11^0 = 12 + 35 + 40 + 50 + 110 \\ &:= 1^2 + 3^5 + 4^0 + 6^0 + 10^0 = 12 + 35 + 40 + 60 + 100 \\ &:= 1^2 + 3^5 + 4^0 + 7^0 + 9^0 = 12 + 35 + 40 + 70 + 90 \\ &:= 1^2 + 3^5 + 4^0 + 8^0 + 8^0 = 12 + 35 + 40 + 80 + 80 \\ &:= 1^2 + 3^5 + 5^0 + 5^0 + 10^0 = 12 + 35 + 50 + 50 + 100 \\ &:= 1^2 + 3^5 + 5^0 + 6^0 + 9^0 = 12 + 35 + 50 + 60 + 90 \\ &:= 1^2 + 3^5 + 5^0 + 7^0 + 8^0 = 12 + 35 + 50 + 70 + 80 \\ &:= 1^2 + 3^5 + 6^0 + 6^0 + 8^0 = 12 + 35 + 60 + 60 + 80 \\ &:= 1^2 + 3^5 + 6^0 + 7^0 + 7^0 = 12 + 35 + 60 + 70 + 70 \\ &:= 1^3 + 1^3 + 1^6 + 3^5 + 17^0 = 13 + 13 + 16 + 35 + 170 \\ &:= 1^3 + 1^4 + 1^5 + 3^5 + 17^0 = 13 + 14 + 15 + 35 + 170 \\ &:= 1^3 + 1^4 + 2^6 + 9^2 + 10^2 = 13 + 14 + 26 + 92 + 102 \\ &:= 1^3 + 1^6 + 2^4 + 6^3 + 13^1 = 13 + 16 + 24 + 63 + 131 \\ &:= 1^3 + 1^6 + 3^4 + 8^2 + 10^2 = 13 + 16 + 34 + 82 + 102 \\ &:= 1^3 + 1^7 + 2^4 + 4^1 + 15^2 = 13 + 17 + 24 + 41 + 152 \\ &:= 1^3 + 1^8 + 2^2 + 4^2 + 15^2 = 13 + 18 + 22 + 42 + 152 \\ &:= 1^3 + 1^9 + 2^0 + 3^5 + 16^0 = 13 + 19 + 20 + 35 + 160 \\ &:= 1^3 + 1^9 + 3^0 + 3^5 + 15^0 = 13 + 19 + 30 + 35 + 150 \\ &:= 1^3 + 1^9 + 3^5 + 4^0 + 14^0 = 13 + 19 + 35 + 40 + 140 \\ &:= 1^3 + 1^9 + 3^5 + 5^0 + 13^0 = 13 + 19 + 35 + 50 + 130 \\ &:= 1^3 + 1^9 + 3^5 + 6^0 + 12^0 = 13 + 19 + 35 + 60 + 120 \\ &:= 1^3 + 1^9 + 3^5 + 7^0 + 11^0 = 13 + 19 + 35 + 70 + 110 \\ &:= 1^3 + 1^9 + 3^5 + 8^0 + 10^0 = 13 + 19 + 35 + 80 + 100 \\ &:= 1^3 + 1^9 + 3^5 + 9^0 + 9^0 = 13 + 19 + 35 + 90 + 90 \\ &:= 1^3 + 2^5 + 2^6 + 6^1 + 12^2 = 13 + 25 + 26 + 61 + 122 \\ &:= 1^3 + 2^7 + 3^4 + 5^2 + 12^1 = 13 + 27 + 34 + 52 + 121 \\ &:= 1^4 + 1^4 + 1^4 + 3^5 + 17^0 = 14 + 14 + 14 + 35 + 170 \\ &:= 1^4 + 1^5 + 2^4 + 6^3 + 13^1 = 14 + 15 + 24 + 63 + 131 \\ &:= 1^4 + 1^5 + 3^4 + 8^2 + 10^2 = 14 + 15 + 34 + 82 + 102 \\ &:= 1^4 + 1^6 + 2^4 + 4^1 + 15^2 = 14 + 16 + 24 + 41 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^7 + 2^2 + 4^2 + 15^2 = 14 + 17 + 22 + 42 + 152 \\ &:= 1^4 + 1^8 + 2^0 + 3^5 + 16^0 = 14 + 18 + 20 + 35 + 160 \\ &:= 1^4 + 1^8 + 3^0 + 3^5 + 15^0 = 14 + 18 + 30 + 35 + 150 \\ &:= 1^4 + 1^8 + 3^5 + 4^0 + 14^0 = 14 + 18 + 35 + 40 + 140 \\ &:= 1^4 + 1^8 + 3^5 + 5^0 + 13^0 = 14 + 18 + 35 + 50 + 130 \\ &:= 1^4 + 1^8 + 3^5 + 6^0 + 12^0 = 14 + 18 + 35 + 60 + 120 \\ &:= 1^4 + 1^8 + 3^5 + 7^0 + 11^0 = 14 + 18 + 35 + 70 + 110 \\ &:= 1^4 + 1^8 + 3^5 + 8^0 + 10^0 = 14 + 18 + 35 + 80 + 100 \\ &:= 1^4 + 1^8 + 3^5 + 9^0 + 9^0 = 14 + 18 + 35 + 90 + 90 \\ &:= 1^4 + 1^9 + 1^9 + 3^5 + 16^0 = 14 + 19 + 19 + 35 + 160 \\ &:= 1^4 + 2^7 + 3^4 + 6^2 + 11^0 = 14 + 27 + 34 + 62 + 110 \\ &:= 1^5 + 1^5 + 2^4 + 4^1 + 15^2 = 15 + 15 + 24 + 41 + 152 \\ &:= 1^5 + 1^6 + 2^2 + 4^2 + 15^2 = 15 + 16 + 22 + 42 + 152 \\ &:= 1^5 + 1^7 + 2^0 + 3^5 + 16^0 = 15 + 17 + 20 + 35 + 160 \\ &:= 1^5 + 1^7 + 3^0 + 3^5 + 15^0 = 15 + 17 + 30 + 35 + 150 \\ &:= 1^5 + 1^7 + 3^5 + 4^0 + 14^0 = 15 + 17 + 35 + 40 + 140 \\ &:= 1^5 + 1^7 + 3^5 + 5^0 + 13^0 = 15 + 17 + 35 + 50 + 130 \\ &:= 1^5 + 1^7 + 3^5 + 6^0 + 12^0 = 15 + 17 + 35 + 60 + 120 \\ &:= 1^5 + 1^7 + 3^5 + 7^0 + 11^0 = 15 + 17 + 35 + 70 + 110 \\ &:= 1^5 + 1^7 + 3^5 + 8^0 + 10^0 = 15 + 17 + 35 + 80 + 100 \\ &:= 1^5 + 1^7 + 3^5 + 9^0 + 9^0 = 15 + 17 + 35 + 90 + 90 \\ &:= 1^5 + 1^8 + 1^9 + 3^5 + 16^0 = 15 + 18 + 19 + 35 + 160 \\ &:= 1^5 + 2^3 + 2^6 + 5^1 + 13^2 = 15 + 23 + 26 + 51 + 132 \\ &:= 1^5 + 2^4 + 3^4 + 7^2 + 10^2 = 15 + 24 + 34 + 72 + 102 \\ &:= 1^5 + 2^6 + 3^4 + 7^0 + 10^2 = 15 + 26 + 34 + 70 + 102 \\ &:= 1^5 + 2^6 + 5^3 + 7^2 + 8^1 = 15 + 26 + 53 + 72 + 81 \\ &:= 1^5 + 2^7 + 5^1 + 7^2 + 8^2 = 15 + 27 + 51 + 72 + 82 \\ &:= 1^6 + 1^6 + 2^0 + 3^5 + 16^0 = 16 + 16 + 20 + 35 + 160 \\ &:= 1^6 + 1^6 + 3^0 + 3^5 + 15^0 = 16 + 16 + 30 + 35 + 150 \\ &:= 1^6 + 1^6 + 3^5 + 4^0 + 14^0 = 16 + 16 + 35 + 40 + 140 \\ &:= 1^6 + 1^6 + 3^5 + 5^0 + 13^0 = 16 + 16 + 35 + 50 + 130 \\ &:= 1^6 + 1^6 + 3^5 + 6^0 + 12^0 = 16 + 16 + 35 + 60 + 120 \\ &:= 1^6 + 1^6 + 3^5 + 7^0 + 11^0 = 16 + 16 + 35 + 70 + 110 \\ &:= 1^6 + 1^6 + 3^5 + 8^0 + 10^0 = 16 + 16 + 35 + 80 + 100 \\ &:= 1^6 + 1^6 + 3^5 + 9^0 + 9^0 = 16 + 16 + 35 + 90 + 90 \\ &:= 1^6 + 1^7 + 1^9 + 3^5 + 16^0 = 16 + 17 + 19 + 35 + 160 \\ &:= 1^6 + 1^8 + 1^8 + 3^5 + 16^0 = 16 + 18 + 18 + 35 + 160 \\ &:= 1^6 + 2^1 + 2^6 + 6^2 + 12^2 = 16 + 21 + 26 + 62 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 2^3 + 3^4 + 6^2 + 11^2 = 16 + 23 + 34 + 62 + 112 \\ &:= 1^6 + 2^4 + 3^4 + 5^1 + 12^2 = 16 + 24 + 34 + 51 + 122 \\ &:= 1^6 + 2^5 + 3^2 + 3^2 + 14^2 = 16 + 25 + 32 + 32 + 142 \\ &:= 1^6 + 2^6 + 3^2 + 4^1 + 13^2 = 16 + 26 + 32 + 41 + 132 \\ &:= 1^6 + 2^7 + 5^0 + 6^2 + 9^2 = 16 + 27 + 50 + 62 + 92 \\ &:= 1^7 + 1^7 + 1^8 + 3^5 + 16^0 = 17 + 17 + 18 + 35 + 160 \\ &:= 1^7 + 2^1 + 2^5 + 4^2 + 14^2 = 17 + 21 + 25 + 42 + 142 \\ &:= 1^7 + 2^3 + 5^3 + 7^2 + 8^2 = 17 + 23 + 53 + 72 + 82 \\ &:= 1^7 + 2^4 + 5^1 + 5^3 + 10^2 = 17 + 24 + 51 + 53 + 102 \\ &:= 1^8 + 2^1 + 2^4 + 6^3 + 12^1 = 18 + 21 + 24 + 63 + 121 \\ &:= 1^8 + 2^2 + 2^3 + 3^2 + 15^2 = 18 + 22 + 23 + 32 + 152 \\ &:= 1^8 + 2^2 + 3^2 + 4^3 + 13^2 = 18 + 22 + 32 + 43 + 132 \\ &:= 1^8 + 2^2 + 5^3 + 6^2 + 9^2 = 18 + 22 + 53 + 62 + 92 \\ &:= 1^8 + 2^4 + 3^1 + 6^3 + 11^1 = 18 + 24 + 31 + 63 + 111 \\ &:= 1^8 + 2^4 + 4^1 + 6^3 + 10^1 = 18 + 24 + 41 + 63 + 101 \\ &:= 1^8 + 2^4 + 5^1 + 6^3 + 9^1 = 18 + 24 + 51 + 63 + 91 \\ &:= 1^8 + 2^4 + 6^1 + 6^3 + 8^1 = 18 + 24 + 61 + 63 + 81 \\ &:= 1^8 + 2^4 + 6^3 + 7^1 + 7^1 = 18 + 24 + 63 + 71 + 71 \\ &:= 1^8 + 3^4 + 4^3 + 5^0 + 10^2 = 18 + 34 + 43 + 50 + 102 \\ &:= 1^9 + 2^1 + 2^4 + 3^1 + 15^2 = 19 + 21 + 24 + 31 + 152 \\ &:= 1^9 + 2^2 + 2^4 + 3^0 + 15^2 = 19 + 22 + 24 + 30 + 152 \\ &:= 1^9 + 2^2 + 4^2 + 6^3 + 10^1 = 19 + 22 + 42 + 63 + 101 \\ &:= 2^0 + 2^1 + 3^3 + 6^3 + 11^0 = 20 + 21 + 33 + 63 + 110 \\ &:= 2^0 + 2^2 + 5^2 + 6^3 + 9^0 = 20 + 22 + 52 + 63 + 90 \\ &:= 2^1 + 3^0 + 3^3 + 6^3 + 10^0 = 21 + 30 + 33 + 63 + 100 \\ &:= 2^1 + 3^1 + 5^2 + 6^3 + 8^0 = 21 + 31 + 52 + 63 + 80 \\ &:= 2^1 + 3^3 + 4^0 + 6^3 + 9^0 = 21 + 33 + 40 + 63 + 90 \\ &:= 2^1 + 3^3 + 5^0 + 6^3 + 8^0 = 21 + 33 + 50 + 63 + 80 \\ &:= 2^1 + 3^3 + 6^0 + 6^3 + 7^0 = 21 + 33 + 60 + 63 + 70 \\ &:= 2^2 + 3^0 + 5^2 + 6^3 + 8^0 = 22 + 30 + 52 + 63 + 80 \\ &:= 2^2 + 4^0 + 5^2 + 6^3 + 7^0 = 22 + 40 + 52 + 63 + 70 \\ &:= 2^2 + 5^0 + 5^2 + 6^0 + 6^3 = 22 + 50 + 52 + 60 + 63 \\ &:= 2^5 + 2^6 + 4^2 + 5^3 + 10^1 = 25 + 26 + 42 + 53 + 101 \\ &:= 2^5 + 2^6 + 4^3 + 6^1 + 9^2 = 25 + 26 + 43 + 61 + 92 \\ &:= 2^5 + 2^7 + 3^4 + 5^1 + 11^0 = 25 + 27 + 34 + 51 + 110 \\ &:= 2^5 + 2^7 + 4^2 + 7^1 + 8^2 = 25 + 27 + 42 + 71 + 82 \\ &:= 2^6 + 3^2 + 3^4 + 3^4 + 12^1 = 26 + 32 + 34 + 34 + 121 \\ &:= 2^6 + 3^3 + 3^4 + 4^3 + 11^1 = 26 + 33 + 34 + 43 + 111 \end{aligned}$$

2.2.149 Number 248

$$\begin{aligned}
 248 &:= 2^4 + 6^3 + 16^1 &= 24 + 63 + 161 &:= 1^1 + 1^1 + 2^1 + 3^5 + 17^0 = 11 + 11 + 21 + 35 + 170 \\
 &:= 1^0 + 2^4 + 6^3 + 15^1 &= 10 + 24 + 63 + 151 &:= 1^1 + 2^1 + 2^2 + 4^2 + 15^2 = 11 + 21 + 22 + 42 + 152 \\
 &:= 1^1 + 2^4 + 6^1 + 15^2 &= 11 + 24 + 61 + 152 &:= 1^1 + 3^1 + 3^3 + 6^3 + 11^0 = 11 + 31 + 33 + 63 + 110 \\
 &:= 1^2 + 3^1 + 3^5 + 17^0 &= 12 + 31 + 35 + 170 &:= 1^2 + 2^0 + 2^1 + 3^5 + 16^0 = 12 + 20 + 21 + 35 + 160 \\
 &:= 1^3 + 2^1 + 7^2 + 14^2 &= 13 + 21 + 72 + 142 &:= 1^2 + 2^1 + 3^0 + 3^5 + 15^0 = 12 + 21 + 30 + 35 + 150 \\
 &:= 1^3 + 5^3 + 7^0 + 11^2 &= 13 + 53 + 70 + 112 &:= 1^2 + 2^1 + 3^5 + 4^0 + 14^0 = 12 + 21 + 35 + 40 + 140 \\
 &:= 2^1 + 2^4 + 5^1 + 15^2 &= 21 + 24 + 51 + 152 &:= 1^2 + 2^1 + 3^5 + 5^0 + 13^0 = 12 + 21 + 35 + 50 + 130 \\
 &:= 2^2 + 3^3 + 6^3 + 13^0 &= 22 + 33 + 63 + 130 &:= 1^2 + 2^1 + 3^5 + 6^0 + 12^0 = 12 + 21 + 35 + 60 + 120 \\
 &:= 2^2 + 4^2 + 6^3 + 12^1 &= 22 + 42 + 63 + 121 &:= 1^2 + 2^1 + 3^5 + 7^0 + 11^0 = 12 + 21 + 35 + 70 + 110 \\
 &:= 2^4 + 3^1 + 4^1 + 15^2 &= 24 + 31 + 41 + 152 &:= 1^2 + 2^1 + 3^5 + 8^0 + 10^0 = 12 + 21 + 35 + 80 + 100 \\
 &:= 1^0 + 1^0 + 1^4 + 7^2 + 14^2 &= 10 + 10 + 14 + 72 + 142 &:= 1^2 + 2^1 + 3^5 + 9^0 + 9^0 = 12 + 21 + 35 + 90 + 90 \\
 &:= 1^0 + 1^0 + 2^4 + 6^3 + 14^1 &= 10 + 10 + 24 + 63 + 141 &:= 1^2 + 5^1 + 5^2 + 6^3 + 7^0 = 12 + 51 + 52 + 63 + 70 \\
 &:= 1^0 + 1^1 + 1^3 + 7^2 + 14^2 &= 10 + 11 + 13 + 72 + 142 &:= 1^3 + 1^9 + 2^1 + 3^5 + 16^0 = 13 + 19 + 21 + 35 + 160 \\
 &:= 1^0 + 1^1 + 2^4 + 5^1 + 15^2 &= 10 + 11 + 24 + 51 + 152 &:= 1^4 + 1^8 + 2^1 + 3^5 + 16^0 = 14 + 18 + 21 + 35 + 160 \\
 &:= 1^0 + 1^2 + 1^2 + 7^2 + 14^2 &= 10 + 12 + 12 + 72 + 142 &:= 1^5 + 1^7 + 2^1 + 3^5 + 16^0 = 15 + 17 + 21 + 35 + 160 \\
 &:= 1^0 + 1^2 + 2^1 + 3^5 + 17^0 &= 10 + 12 + 21 + 35 + 170 &:= 1^6 + 1^6 + 2^1 + 3^5 + 16^0 = 16 + 16 + 21 + 35 + 160 \\
 &:= 1^0 + 2^1 + 2^4 + 4^1 + 15^2 &= 10 + 21 + 24 + 41 + 152 &:= 2^1 + 2^1 + 3^3 + 6^3 + 11^0 = 21 + 21 + 33 + 63 + 110 \\
 &:= 1^0 + 2^2 + 3^2 + 3^2 + 15^2 &= 10 + 22 + 32 + 32 + 152 &:= 2^1 + 2^2 + 5^2 + 6^3 + 9^0 = 21 + 22 + 52 + 63 + 90 \\
 &:= 1^0 + 2^2 + 4^2 + 6^3 + 11^1 &= 10 + 22 + 42 + 63 + 111 &:= 3^2 + 4^2 + 5^0 + 6^1 + 6^3 = 32 + 42 + 50 + 61 + 63 \\
 &:= 1^0 + 2^4 + 3^1 + 3^1 + 15^2 &= 10 + 24 + 31 + 31 + 152 & \\
 &:= 1^1 + 1^1 + 1^2 + 7^2 + 14^2 &= 11 + 11 + 12 + 72 + 142 &
 \end{aligned}$$

2.2.150 Number 249

$$\begin{aligned}
 249 &:= 1^2 + 2^2 + 3^5 + 18^0 &= 12 + 22 + 35 + 180 &:= 1^3 + 2^0 + 3^1 + 3^5 + 15^0 = 13 + 20 + 31 + 35 + 150 \\
 &:= 1^3 + 3^5 + 4^1 + 16^0 &= 13 + 35 + 41 + 160 &:= 1^3 + 3^0 + 3^1 + 3^5 + 14^0 = 13 + 30 + 31 + 35 + 140 \\
 &:= 2^4 + 4^2 + 6^3 + 12^0 &= 24 + 42 + 63 + 120 &:= 1^3 + 3^1 + 3^5 + 4^0 + 13^0 = 13 + 31 + 35 + 40 + 130 \\
 &:= 1^0 + 1^3 + 3^1 + 3^5 + 16^0 &= 10 + 13 + 31 + 35 + 160 &:= 1^3 + 3^1 + 3^5 + 5^0 + 12^0 = 13 + 31 + 35 + 50 + 120 \\
 &:= 1^0 + 1^4 + 5^3 + 6^0 + 11^2 &= 10 + 14 + 53 + 60 + 112 &:= 1^3 + 3^1 + 3^5 + 6^0 + 11^0 = 13 + 31 + 35 + 60 + 110 \\
 &:= 1^1 + 1^2 + 3^1 + 3^5 + 16^0 &= 11 + 12 + 31 + 35 + 160 &:= 1^3 + 3^1 + 3^5 + 7^0 + 10^0 = 13 + 31 + 35 + 70 + 100 \\
 &:= 1^1 + 1^3 + 5^3 + 6^0 + 11^2 &= 11 + 13 + 53 + 60 + 112 &:= 1^3 + 3^1 + 3^5 + 8^0 + 9^0 = 13 + 31 + 35 + 80 + 90 \\
 &:= 1^1 + 2^2 + 3^3 + 6^3 + 12^0 &= 11 + 22 + 33 + 63 + 120 &:= 1^3 + 5^2 + 6^0 + 6^1 + 6^3 = 13 + 52 + 60 + 61 + 63 \\
 &:= 1^2 + 1^2 + 5^3 + 6^0 + 11^2 &= 12 + 12 + 53 + 60 + 112 &:= 1^4 + 1^9 + 3^1 + 3^5 + 15^0 = 14 + 19 + 31 + 35 + 150 \\
 &:= 1^2 + 2^1 + 2^1 + 3^5 + 16^0 &= 12 + 21 + 21 + 35 + 160 &:= 1^4 + 2^0 + 5^0 + 5^3 + 11^2 = 14 + 20 + 50 + 53 + 112 \\
 &:= 1^2 + 3^3 + 4^1 + 6^3 + 10^0 &= 12 + 33 + 41 + 63 + 100 &:= 1^4 + 3^0 + 4^0 + 5^3 + 11^2 = 14 + 30 + 40 + 53 + 112
 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^8 + 3^1 + 3^5 + 15^0 = 15 + 18 + 31 + 35 + 150 \\ &:= 1^5 + 1^9 + 5^0 + 5^3 + 11^2 = 15 + 19 + 50 + 53 + 112 \\ &:= 1^6 + 1^7 + 3^1 + 3^5 + 15^0 = 16 + 17 + 31 + 35 + 150 \\ &:= 1^6 + 1^8 + 5^0 + 5^3 + 11^2 = 16 + 18 + 50 + 53 + 112 \\ &:= 1^6 + 2^6 + 3^3 + 6^2 + 11^2 = 16 + 26 + 33 + 62 + 112 \\ &:= 1^7 + 1^7 + 5^0 + 5^3 + 11^2 = 17 + 17 + 50 + 53 + 112 \\ &:= 1^7 + 2^2 + 2^6 + 6^2 + 12^2 = 17 + 22 + 26 + 62 + 122 \\ &:= 1^7 + 2^4 + 2^5 + 4^1 + 14^2 = 17 + 24 + 25 + 41 + 142 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^2 + 2^5 + 4^2 + 14^2 = 18 + 22 + 25 + 42 + 142 \\ &:= 1^8 + 2^4 + 3^2 + 3^3 + 14^2 = 18 + 24 + 32 + 33 + 142 \\ &:= 1^9 + 2^2 + 2^4 + 6^3 + 12^1 = 19 + 22 + 24 + 63 + 121 \\ &:= 2^0 + 2^2 + 2^4 + 3^1 + 15^2 = 20 + 22 + 24 + 31 + 152 \\ &:= 2^3 + 4^0 + 4^2 + 6^3 + 8^1 = 23 + 40 + 42 + 63 + 81 \\ &:= 2^4 + 2^5 + 2^6 + 5^3 + 12^1 = 24 + 25 + 26 + 53 + 121 \\ &:= 2^4 + 2^5 + 2^7 + 8^2 + 9^1 = 24 + 25 + 27 + 82 + 91 \end{aligned}$$

2.2.151 Number 250

$$\begin{aligned} 250 &:= 1^2 + 2^4 + 8^2 + 13^2 = 12 + 24 + 82 + 132 \\ &:= 1^2 + 2^5 + 6^3 + 15^0 = 12 + 25 + 63 + 150 \\ &:= 1^3 + 4^3 + 8^2 + 11^2 = 13 + 43 + 82 + 112 \\ &:= 1^4 + 2^2 + 7^2 + 14^2 = 14 + 22 + 72 + 142 \\ &:= 1^4 + 3^5 + 5^1 + 15^0 = 14 + 35 + 51 + 150 \\ &:= 2^2 + 2^4 + 6^3 + 14^1 = 22 + 24 + 63 + 141 \\ &:= 2^6 + 3^0 + 8^2 + 11^2 = 26 + 30 + 82 + 112 \\ &:= 2^6 + 4^2 + 5^0 + 13^2 = 26 + 42 + 50 + 132 \\ &:= 1^0 + 1^2 + 2^4 + 6^2 + 14^2 = 10 + 12 + 24 + 62 + 142 \\ &:= 1^0 + 1^3 + 2^2 + 3^5 + 17^0 = 10 + 13 + 22 + 35 + 170 \\ &:= 1^0 + 1^3 + 3^3 + 5^2 + 14^2 = 10 + 13 + 33 + 52 + 142 \\ &:= 1^0 + 1^4 + 3^5 + 4^1 + 15^0 = 10 + 14 + 35 + 41 + 150 \\ &:= 1^0 + 2^2 + 2^4 + 6^3 + 13^1 = 10 + 22 + 24 + 63 + 131 \\ &:= 1^0 + 2^2 + 3^4 + 8^2 + 10^2 = 10 + 22 + 34 + 82 + 102 \\ &:= 1^1 + 1^1 + 2^4 + 6^2 + 14^2 = 11 + 11 + 24 + 62 + 142 \\ &:= 1^1 + 1^2 + 2^2 + 3^5 + 17^0 = 11 + 12 + 22 + 35 + 170 \\ &:= 1^1 + 1^2 + 3^3 + 5^2 + 14^2 = 11 + 12 + 33 + 52 + 142 \\ &:= 1^1 + 1^3 + 3^5 + 4^1 + 15^0 = 11 + 13 + 35 + 41 + 150 \\ &:= 1^1 + 2^2 + 2^4 + 4^1 + 15^2 = 11 + 22 + 24 + 41 + 152 \\ &:= 1^1 + 2^4 + 4^2 + 6^3 + 11^0 = 11 + 24 + 42 + 63 + 110 \\ &:= 1^2 + 1^2 + 3^5 + 4^1 + 15^0 = 12 + 12 + 35 + 41 + 150 \\ &:= 1^2 + 2^2 + 2^2 + 4^2 + 15^2 = 12 + 22 + 22 + 42 + 152 \\ &:= 1^3 + 2^0 + 2^2 + 3^5 + 16^0 = 13 + 20 + 22 + 35 + 160 \\ &:= 1^3 + 2^1 + 3^1 + 3^5 + 15^0 = 13 + 21 + 31 + 35 + 150 \\ &:= 1^3 + 2^2 + 3^0 + 3^5 + 15^0 = 13 + 22 + 30 + 35 + 150 \\ &:= 1^3 + 2^2 + 3^5 + 4^0 + 14^0 = 13 + 22 + 35 + 40 + 140 \\ &:= 1^3 + 2^2 + 3^5 + 5^0 + 13^0 = 13 + 22 + 35 + 50 + 130 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^2 + 3^5 + 6^0 + 12^0 = 13 + 22 + 35 + 60 + 120 \\ &:= 1^3 + 2^2 + 3^5 + 7^0 + 11^0 = 13 + 22 + 35 + 70 + 110 \\ &:= 1^3 + 2^2 + 3^5 + 8^0 + 10^0 = 13 + 22 + 35 + 80 + 100 \\ &:= 1^3 + 2^2 + 3^5 + 9^0 + 9^0 = 13 + 22 + 35 + 90 + 90 \\ &:= 1^3 + 3^3 + 5^1 + 6^3 + 9^0 = 13 + 33 + 51 + 63 + 90 \\ &:= 1^3 + 4^2 + 4^2 + 6^3 + 9^0 = 13 + 42 + 42 + 63 + 90 \\ &:= 1^4 + 1^9 + 2^2 + 3^5 + 16^0 = 14 + 19 + 22 + 35 + 160 \\ &:= 1^4 + 2^0 + 3^5 + 4^1 + 14^0 = 14 + 20 + 35 + 41 + 140 \\ &:= 1^4 + 2^1 + 5^0 + 5^3 + 11^2 = 14 + 21 + 50 + 53 + 112 \\ &:= 1^4 + 3^0 + 3^5 + 4^1 + 13^0 = 14 + 30 + 35 + 41 + 130 \\ &:= 1^4 + 3^5 + 4^0 + 4^1 + 12^0 = 14 + 35 + 40 + 41 + 120 \\ &:= 1^4 + 3^5 + 4^1 + 5^0 + 11^0 = 14 + 35 + 41 + 50 + 110 \\ &:= 1^4 + 3^5 + 4^1 + 6^0 + 10^0 = 14 + 35 + 41 + 60 + 100 \\ &:= 1^4 + 3^5 + 4^1 + 7^0 + 9^0 = 14 + 35 + 41 + 70 + 90 \\ &:= 1^4 + 3^5 + 4^1 + 8^0 + 8^0 = 14 + 35 + 41 + 80 + 80 \\ &:= 1^4 + 5^0 + 5^2 + 6^3 + 7^1 = 14 + 50 + 52 + 63 + 71 \\ &:= 1^5 + 1^8 + 2^2 + 3^5 + 16^0 = 15 + 18 + 22 + 35 + 160 \\ &:= 1^5 + 1^9 + 3^5 + 4^1 + 14^0 = 15 + 19 + 35 + 41 + 140 \\ &:= 1^6 + 1^7 + 2^2 + 3^5 + 16^0 = 16 + 17 + 22 + 35 + 160 \\ &:= 1^6 + 1^8 + 3^5 + 4^1 + 14^0 = 16 + 18 + 35 + 41 + 140 \\ &:= 1^7 + 1^7 + 3^5 + 4^1 + 14^0 = 17 + 17 + 35 + 41 + 140 \\ &:= 1^9 + 2^4 + 2^4 + 6^3 + 12^0 = 19 + 24 + 24 + 63 + 120 \\ &:= 2^1 + 2^2 + 2^4 + 3^1 + 15^2 = 21 + 22 + 24 + 31 + 152 \\ &:= 2^2 + 2^2 + 2^4 + 3^0 + 15^2 = 22 + 22 + 24 + 30 + 152 \\ &:= 2^2 + 2^2 + 4^2 + 6^3 + 10^1 = 22 + 22 + 42 + 63 + 101 \\ &:= 2^3 + 3^0 + 4^2 + 5^3 + 10^2 = 23 + 30 + 42 + 53 + 102 \\ &:= 2^3 + 3^2 + 4^2 + 6^3 + 9^0 = 23 + 32 + 42 + 63 + 90 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 3^2 + 5^0 + 6^3 + 8^1 = 24 + 32 + 50 + 63 + 81 \\ &:= 2^5 + 2^6 + 2^7 + 5^2 + 12^0 = 25 + 26 + 27 + 52 + 120 \\ &:= 3^0 + 3^3 + 4^2 + 5^3 + 9^2 = 30 + 33 + 42 + 53 + 92 \end{aligned}$$

$$\begin{aligned} &:= 3^0 + 3^4 + 4^1 + 4^3 + 10^2 = 30 + 34 + 41 + 43 + 102 \\ &:= 3^0 + 3^4 + 5^3 + 6^2 + 7^1 = 30 + 34 + 53 + 62 + 71 \end{aligned}$$

2.2.152 Number 251

$$\begin{aligned} 251 &:= 1^2 + 2^7 + 10^0 + 11^2 = 12 + 27 + 100 + 112 \\ &:= 1^5 + 3^5 + 6^1 + 14^0 = 15 + 35 + 61 + 140 \\ &:= 1^0 + 1^3 + 2^5 + 6^3 + 14^0 = 10 + 13 + 25 + 63 + 140 \\ &:= 1^0 + 1^5 + 3^5 + 5^1 + 14^0 = 10 + 15 + 35 + 51 + 140 \\ &:= 1^0 + 2^6 + 4^3 + 6^0 + 11^2 = 10 + 26 + 43 + 60 + 112 \\ &:= 1^1 + 1^2 + 2^5 + 6^3 + 14^0 = 11 + 12 + 25 + 63 + 140 \\ &:= 1^1 + 1^4 + 3^5 + 5^1 + 14^0 = 11 + 14 + 35 + 51 + 140 \\ &:= 1^1 + 2^0 + 2^6 + 8^2 + 11^2 = 11 + 20 + 26 + 82 + 112 \\ &:= 1^1 + 2^6 + 4^0 + 4^2 + 13^2 = 11 + 26 + 40 + 42 + 132 \\ &:= 1^2 + 1^3 + 3^5 + 5^1 + 14^0 = 12 + 13 + 35 + 51 + 140 \\ &:= 1^2 + 1^9 + 2^6 + 8^2 + 11^2 = 12 + 19 + 26 + 82 + 112 \\ &:= 1^2 + 2^3 + 2^4 + 4^0 + 15^2 = 12 + 23 + 24 + 40 + 152 \\ &:= 1^2 + 2^4 + 4^0 + 4^3 + 13^2 = 12 + 24 + 40 + 43 + 132 \\ &:= 1^3 + 1^8 + 2^6 + 8^2 + 11^2 = 13 + 18 + 26 + 82 + 112 \\ &:= 1^3 + 2^0 + 2^5 + 6^3 + 13^0 = 13 + 20 + 25 + 63 + 130 \\ &:= 1^3 + 2^1 + 2^2 + 3^5 + 16^0 = 13 + 21 + 22 + 35 + 160 \\ &:= 1^3 + 2^3 + 5^2 + 6^3 + 10^0 = 13 + 23 + 52 + 63 + 100 \\ &:= 1^3 + 2^5 + 3^0 + 6^3 + 12^0 = 13 + 25 + 30 + 63 + 120 \\ &:= 1^3 + 2^5 + 4^0 + 6^3 + 11^0 = 13 + 25 + 40 + 63 + 110 \\ &:= 1^3 + 2^5 + 5^0 + 6^3 + 10^0 = 13 + 25 + 50 + 63 + 100 \\ &:= 1^3 + 2^5 + 6^0 + 6^3 + 9^0 = 13 + 25 + 60 + 63 + 90 \\ &:= 1^3 + 2^5 + 6^3 + 7^0 + 8^0 = 13 + 25 + 63 + 70 + 80 \\ &:= 1^3 + 4^0 + 4^3 + 4^3 + 11^2 = 13 + 40 + 43 + 43 + 112 \\ &:= 1^4 + 1^7 + 2^6 + 8^2 + 11^2 = 14 + 17 + 26 + 82 + 112 \\ &:= 1^4 + 1^9 + 2^5 + 6^3 + 13^0 = 14 + 19 + 25 + 63 + 130 \\ &:= 1^4 + 2^0 + 2^3 + 4^2 + 15^2 = 14 + 20 + 23 + 42 + 152 \\ &:= 1^4 + 2^0 + 4^2 + 4^3 + 13^2 = 14 + 20 + 42 + 43 + 132 \\ &:= 1^4 + 2^1 + 3^5 + 4^1 + 14^0 = 14 + 21 + 35 + 41 + 140 \\ &:= 1^4 + 3^1 + 3^1 + 3^5 + 14^0 = 14 + 31 + 31 + 35 + 140 \\ &:= 1^4 + 3^3 + 6^1 + 6^3 + 8^0 = 14 + 33 + 61 + 63 + 80 \\ &:= 1^5 + 1^6 + 2^6 + 8^2 + 11^2 = 15 + 16 + 26 + 82 + 112 \\ &:= 1^5 + 1^8 + 2^5 + 6^3 + 13^0 = 15 + 18 + 25 + 63 + 130 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^9 + 2^3 + 4^2 + 15^2 = 15 + 19 + 23 + 42 + 152 \\ &:= 1^5 + 1^9 + 4^2 + 4^3 + 13^2 = 15 + 19 + 42 + 43 + 132 \\ &:= 1^5 + 2^0 + 3^5 + 5^1 + 13^0 = 15 + 20 + 35 + 51 + 130 \\ &:= 1^5 + 3^0 + 3^5 + 5^1 + 12^0 = 15 + 30 + 35 + 51 + 120 \\ &:= 1^5 + 3^1 + 4^0 + 5^3 + 11^2 = 15 + 31 + 40 + 53 + 112 \\ &:= 1^5 + 3^5 + 4^0 + 5^1 + 11^0 = 15 + 35 + 40 + 51 + 110 \\ &:= 1^5 + 3^5 + 5^0 + 5^1 + 10^0 = 15 + 35 + 50 + 51 + 100 \\ &:= 1^5 + 3^5 + 5^1 + 6^0 + 9^0 = 15 + 35 + 51 + 60 + 90 \\ &:= 1^5 + 3^5 + 5^1 + 7^0 + 8^0 = 15 + 35 + 51 + 70 + 80 \\ &:= 1^5 + 4^0 + 5^2 + 6^3 + 8^1 = 15 + 40 + 52 + 63 + 81 \\ &:= 1^6 + 1^7 + 2^5 + 6^3 + 13^0 = 16 + 17 + 25 + 63 + 130 \\ &:= 1^6 + 1^8 + 2^3 + 4^2 + 15^2 = 16 + 18 + 23 + 42 + 152 \\ &:= 1^6 + 1^8 + 4^2 + 4^3 + 13^2 = 16 + 18 + 42 + 43 + 132 \\ &:= 1^6 + 1^9 + 3^5 + 5^1 + 13^0 = 16 + 19 + 35 + 51 + 130 \\ &:= 1^6 + 2^5 + 2^7 + 9^1 + 9^2 = 16 + 25 + 27 + 91 + 92 \\ &:= 1^6 + 2^7 + 3^3 + 3^4 + 14^1 = 16 + 27 + 33 + 34 + 141 \\ &:= 1^7 + 1^7 + 2^3 + 4^2 + 15^2 = 17 + 17 + 23 + 42 + 152 \\ &:= 1^7 + 1^7 + 4^2 + 4^3 + 13^2 = 17 + 17 + 42 + 43 + 132 \\ &:= 1^7 + 1^8 + 3^5 + 5^1 + 13^0 = 17 + 18 + 35 + 51 + 130 \\ &:= 1^7 + 2^4 + 2^6 + 7^2 + 11^2 = 17 + 24 + 26 + 72 + 112 \\ &:= 1^7 + 2^6 + 2^6 + 7^0 + 11^2 = 17 + 26 + 26 + 70 + 112 \\ &:= 1^8 + 2^5 + 3^4 + 5^3 + 12^1 = 18 + 25 + 34 + 53 + 121 \\ &:= 1^8 + 2^7 + 4^3 + 7^2 + 9^1 = 18 + 27 + 43 + 72 + 91 \\ &:= 1^9 + 2^4 + 2^6 + 5^0 + 13^2 = 19 + 24 + 26 + 50 + 132 \\ &:= 1^9 + 2^7 + 4^2 + 6^1 + 10^2 = 19 + 27 + 42 + 61 + 102 \\ &:= 1^9 + 2^7 + 5^1 + 6^2 + 9^2 = 19 + 27 + 51 + 62 + 92 \\ &:= 2^0 + 2^6 + 4^3 + 5^0 + 11^2 = 20 + 26 + 43 + 50 + 112 \\ &:= 2^0 + 3^3 + 3^3 + 3^3 + 13^2 = 20 + 33 + 33 + 33 + 132 \\ &:= 2^0 + 3^4 + 3^4 + 7^1 + 9^2 = 20 + 34 + 34 + 71 + 92 \\ &:= 2^3 + 2^4 + 4^0 + 6^3 + 10^1 = 23 + 24 + 40 + 63 + 101 \\ &:= 2^4 + 3^2 + 3^2 + 6^3 + 10^0 = 24 + 32 + 32 + 63 + 100 \\ &:= 2^4 + 3^2 + 4^0 + 5^3 + 10^2 = 24 + 32 + 40 + 53 + 102 \end{aligned}$$

$$\begin{aligned} &:= 2^6 + 2^6 + 2^6 + 7^2 + 10^1 = 26 + 26 + 26 + 72 + 101 \\ &:= 2^6 + 3^0 + 4^0 + 4^3 + 11^2 = 26 + 30 + 40 + 43 + 112 \end{aligned}$$

2.2.153 Number 252

252	$:= 1^0 + 1^8 + 9^2 + 13^2 = 10 + 18 + 92 + 132$	$:= 1^3 + 2^3 + 3^2 + 3^2 + 15^2 = 13 + 23 + 32 + 32 + 152$
	$:= 1^1 + 1^7 + 9^2 + 13^2 = 11 + 17 + 92 + 132$	$:= 1^3 + 2^3 + 4^2 + 6^3 + 11^1 = 13 + 23 + 42 + 63 + 111$
	$:= 1^2 + 1^6 + 9^2 + 13^2 = 12 + 16 + 92 + 132$	$:= 1^3 + 2^7 + 3^0 + 7^0 + 11^2 = 13 + 27 + 30 + 70 + 112$
	$:= 1^3 + 1^5 + 9^2 + 13^2 = 13 + 15 + 92 + 132$	$:= 1^3 + 2^7 + 4^0 + 6^0 + 11^2 = 13 + 27 + 40 + 60 + 112$
	$:= 1^4 + 1^4 + 9^2 + 13^2 = 14 + 14 + 92 + 132$	$:= 1^3 + 2^7 + 5^0 + 5^0 + 11^2 = 13 + 27 + 50 + 50 + 112$
	$:= 1^6 + 3^4 + 7^0 + 13^2 = 16 + 34 + 70 + 132$	$:= 1^3 + 3^2 + 3^2 + 4^3 + 13^2 = 13 + 32 + 32 + 43 + 132$
	$:= 1^6 + 3^5 + 7^1 + 13^0 = 16 + 35 + 71 + 130$	$:= 1^3 + 3^2 + 5^3 + 6^2 + 9^2 = 13 + 32 + 53 + 62 + 92$
	$:= 1^6 + 5^3 + 5^3 + 13^0 = 16 + 53 + 53 + 130$	$:= 1^4 + 1^9 + 2^7 + 8^0 + 11^2 = 14 + 19 + 27 + 80 + 112$
	$:= 1^8 + 3^0 + 5^2 + 15^2 = 18 + 30 + 52 + 152$	$:= 1^4 + 2^1 + 2^3 + 4^2 + 15^2 = 14 + 21 + 23 + 42 + 152$
	$:= 2^5 + 3^3 + 7^2 + 12^2 = 25 + 33 + 72 + 122$	$:= 1^4 + 2^1 + 4^2 + 4^3 + 13^2 = 14 + 21 + 42 + 43 + 132$
	$:= 2^7 + 4^2 + 8^1 + 10^2 = 27 + 42 + 81 + 102$	$:= 1^4 + 2^2 + 3^1 + 3^5 + 15^0 = 14 + 22 + 31 + 35 + 150$
	$:= 2^7 + 6^2 + 7^1 + 9^2 = 27 + 62 + 71 + 92$	$:= 1^4 + 2^4 + 3^0 + 3^2 + 15^2 = 14 + 24 + 30 + 32 + 152$
	$:= 1^0 + 1^3 + 2^5 + 7^2 + 13^2 = 10 + 13 + 25 + 72 + 132$	$:= 1^4 + 3^0 + 3^3 + 3^3 + 14^2 = 14 + 30 + 33 + 33 + 142$
	$:= 1^0 + 1^3 + 2^7 + 9^0 + 11^2 = 10 + 13 + 27 + 90 + 112$	$:= 1^4 + 3^0 + 3^4 + 5^2 + 12^2 = 14 + 30 + 34 + 52 + 122$
	$:= 1^0 + 1^6 + 3^2 + 4^2 + 15^2 = 10 + 16 + 32 + 42 + 152$	$:= 1^4 + 3^2 + 4^2 + 6^3 + 10^1 = 14 + 32 + 42 + 63 + 101$
	$:= 1^0 + 1^6 + 3^5 + 6^1 + 13^0 = 10 + 16 + 35 + 61 + 130$	$:= 1^5 + 1^8 + 2^7 + 8^0 + 11^2 = 15 + 18 + 27 + 80 + 112$
	$:= 1^0 + 2^7 + 4^2 + 7^1 + 10^2 = 10 + 27 + 42 + 71 + 102$	$:= 1^5 + 2^1 + 3^5 + 5^1 + 13^0 = 15 + 21 + 35 + 51 + 130$
	$:= 1^0 + 2^7 + 6^1 + 6^2 + 9^2 = 10 + 27 + 61 + 62 + 92$	$:= 1^5 + 2^2 + 5^0 + 5^3 + 11^2 = 15 + 22 + 50 + 53 + 112$
	$:= 1^1 + 1^2 + 2^5 + 7^2 + 13^2 = 11 + 12 + 25 + 72 + 132$	$:= 1^5 + 3^0 + 5^2 + 5^3 + 10^2 = 15 + 30 + 52 + 53 + 102$
	$:= 1^1 + 1^2 + 2^7 + 9^0 + 11^2 = 11 + 12 + 27 + 90 + 112$	$:= 1^5 + 3^1 + 3^5 + 4^1 + 13^0 = 15 + 31 + 35 + 41 + 130$
	$:= 1^1 + 1^5 + 3^2 + 4^2 + 15^2 = 11 + 15 + 32 + 42 + 152$	$:= 1^5 + 3^2 + 5^2 + 6^3 + 9^0 = 15 + 32 + 52 + 63 + 90$
	$:= 1^1 + 1^5 + 3^5 + 6^1 + 13^0 = 11 + 15 + 35 + 61 + 130$	$:= 1^5 + 3^3 + 6^3 + 7^0 + 7^1 = 15 + 33 + 63 + 70 + 71$
	$:= 1^1 + 2^1 + 2^6 + 8^2 + 11^2 = 11 + 21 + 26 + 82 + 112$	$:= 1^6 + 1^7 + 2^7 + 8^0 + 11^2 = 16 + 17 + 27 + 80 + 112$
	$:= 1^1 + 2^3 + 3^4 + 9^2 + 9^2 = 11 + 23 + 34 + 92 + 92$	$:= 1^6 + 2^0 + 3^5 + 6^1 + 12^0 = 16 + 20 + 35 + 61 + 120$
	$:= 1^1 + 3^4 + 3^4 + 8^1 + 9^2 = 11 + 34 + 34 + 81 + 92$	$:= 1^6 + 3^0 + 3^5 + 6^1 + 11^0 = 16 + 30 + 35 + 61 + 110$
	$:= 1^2 + 1^4 + 3^2 + 4^2 + 15^2 = 12 + 14 + 32 + 42 + 152$	$:= 1^6 + 3^0 + 4^1 + 5^3 + 11^2 = 16 + 30 + 41 + 53 + 112$
	$:= 1^2 + 1^4 + 3^5 + 6^1 + 13^0 = 12 + 14 + 35 + 61 + 130$	$:= 1^6 + 3^0 + 5^2 + 6^3 + 9^1 = 16 + 30 + 52 + 63 + 91$
	$:= 1^2 + 3^3 + 4^2 + 4^3 + 12^2 = 12 + 33 + 42 + 43 + 122$	$:= 1^6 + 3^5 + 4^0 + 6^1 + 10^0 = 16 + 35 + 40 + 61 + 100$
	$:= 1^2 + 3^4 + 4^3 + 6^1 + 10^2 = 12 + 34 + 43 + 61 + 102$	$:= 1^6 + 3^5 + 5^0 + 6^1 + 9^0 = 16 + 35 + 50 + 61 + 90$
	$:= 1^2 + 3^4 + 5^3 + 6^2 + 9^1 = 12 + 34 + 53 + 62 + 91$	$:= 1^6 + 3^5 + 6^0 + 6^1 + 8^0 = 16 + 35 + 60 + 61 + 80$
	$:= 1^3 + 1^3 + 3^2 + 4^2 + 15^2 = 13 + 13 + 32 + 42 + 152$	$:= 1^6 + 3^5 + 6^1 + 7^0 + 7^0 = 16 + 35 + 61 + 70 + 70$
	$:= 1^3 + 1^3 + 3^5 + 6^1 + 13^0 = 13 + 13 + 35 + 61 + 130$	$:= 1^7 + 1^9 + 3^5 + 6^1 + 12^0 = 17 + 19 + 35 + 61 + 120$
	$:= 1^3 + 2^0 + 2^7 + 8^0 + 11^2 = 13 + 20 + 27 + 80 + 112$	$:= 1^8 + 1^8 + 3^5 + 6^1 + 12^0 = 18 + 18 + 35 + 61 + 120$
	$:= 1^3 + 2^1 + 2^5 + 6^3 + 13^0 = 13 + 21 + 25 + 63 + 130$	$:= 2^1 + 2^6 + 4^3 + 5^0 + 11^2 = 21 + 26 + 43 + 50 + 112$

$$\begin{aligned} &:= 2^1 + 3^3 + 3^3 + 3^3 + 13^2 = 21 + 33 + 33 + 33 + 132 \\ &:= 2^1 + 3^4 + 3^4 + 7^1 + 9^2 = 21 + 34 + 34 + 71 + 92 \\ &:= 2^2 + 2^2 + 2^4 + 6^3 + 12^1 = 22 + 22 + 24 + 63 + 121 \\ &:= 2^3 + 2^3 + 2^3 + 3^1 + 15^2 = 23 + 23 + 23 + 31 + 152 \\ &:= 2^3 + 2^3 + 3^1 + 4^3 + 13^2 = 23 + 23 + 31 + 43 + 132 \\ &:= 2^3 + 2^3 + 3^2 + 6^3 + 11^1 = 23 + 23 + 32 + 63 + 111 \\ &:= 2^3 + 3^1 + 3^4 + 4^2 + 12^2 = 23 + 31 + 34 + 42 + 122 \\ &:= 2^3 + 4^3 + 5^3 + 6^1 + 7^2 = 23 + 43 + 53 + 61 + 72 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 2^4 + 3^1 + 6^3 + 11^0 = 24 + 24 + 31 + 63 + 110 \\ &:= 2^4 + 3^0 + 3^3 + 4^3 + 12^2 = 24 + 30 + 33 + 43 + 122 \\ &:= 2^6 + 3^0 + 3^2 + 3^2 + 13^2 = 26 + 30 + 32 + 32 + 132 \\ &:= 3^1 + 3^4 + 3^4 + 6^1 + 9^2 = 31 + 34 + 34 + 61 + 92 \\ &:= 3^2 + 3^2 + 3^2 + 3^4 + 12^2 = 32 + 32 + 32 + 34 + 122 \\ &:= 3^4 + 3^4 + 4^1 + 5^1 + 9^2 = 34 + 34 + 41 + 51 + 92 \\ &:= 3^4 + 3^4 + 5^0 + 5^2 + 8^2 = 34 + 34 + 50 + 52 + 82 \end{aligned}$$

2.2.154 Number 253

$$\begin{aligned} 253 &:= 1^5 + 2^3 + 3^5 + 18^0 = 15 + 23 + 35 + 180 \\ &:= 1^7 + 3^5 + 8^1 + 12^0 = 17 + 35 + 81 + 120 \\ &:= 1^0 + 1^7 + 3^4 + 6^0 + 13^2 = 10 + 17 + 34 + 60 + 132 \\ &:= 1^0 + 1^7 + 3^5 + 7^1 + 12^0 = 10 + 17 + 35 + 71 + 120 \\ &:= 1^0 + 1^7 + 5^3 + 5^3 + 12^0 = 10 + 17 + 53 + 53 + 120 \\ &:= 1^0 + 1^9 + 2^0 + 5^2 + 15^2 = 10 + 19 + 20 + 52 + 152 \\ &:= 1^1 + 1^6 + 3^4 + 6^0 + 13^2 = 11 + 16 + 34 + 60 + 132 \\ &:= 1^1 + 1^6 + 3^5 + 7^1 + 12^0 = 11 + 16 + 35 + 71 + 120 \\ &:= 1^1 + 1^6 + 5^3 + 5^3 + 12^0 = 11 + 16 + 53 + 53 + 120 \\ &:= 1^1 + 1^8 + 2^0 + 5^2 + 15^2 = 11 + 18 + 20 + 52 + 152 \\ &:= 1^1 + 1^9 + 1^9 + 5^2 + 15^2 = 11 + 19 + 19 + 52 + 152 \\ &:= 1^2 + 1^5 + 3^4 + 6^0 + 13^2 = 12 + 15 + 34 + 60 + 132 \\ &:= 1^2 + 1^5 + 3^5 + 7^1 + 12^0 = 12 + 15 + 35 + 71 + 120 \\ &:= 1^2 + 1^5 + 5^3 + 5^3 + 12^0 = 12 + 15 + 53 + 53 + 120 \\ &:= 1^2 + 1^7 + 2^0 + 5^2 + 15^2 = 12 + 17 + 20 + 52 + 152 \\ &:= 1^2 + 1^8 + 1^9 + 5^2 + 15^2 = 12 + 18 + 19 + 52 + 152 \\ &:= 1^3 + 1^4 + 3^4 + 6^0 + 13^2 = 13 + 14 + 34 + 60 + 132 \\ &:= 1^3 + 1^4 + 3^5 + 7^1 + 12^0 = 13 + 14 + 35 + 71 + 120 \\ &:= 1^3 + 1^4 + 5^3 + 5^3 + 12^0 = 13 + 14 + 53 + 53 + 120 \\ &:= 1^3 + 1^6 + 2^0 + 5^2 + 15^2 = 13 + 16 + 20 + 52 + 152 \\ &:= 1^3 + 1^7 + 1^9 + 5^2 + 15^2 = 13 + 17 + 19 + 52 + 152 \\ &:= 1^3 + 1^8 + 1^8 + 5^2 + 15^2 = 13 + 18 + 18 + 52 + 152 \\ &:= 1^3 + 2^1 + 2^7 + 8^0 + 11^2 = 13 + 21 + 27 + 80 + 112 \\ &:= 1^4 + 1^5 + 2^0 + 5^2 + 15^2 = 14 + 15 + 20 + 52 + 152 \\ &:= 1^4 + 1^6 + 1^9 + 5^2 + 15^2 = 14 + 16 + 19 + 52 + 152 \\ &:= 1^4 + 1^7 + 1^8 + 5^2 + 15^2 = 14 + 17 + 18 + 52 + 152 \\ &:= 1^4 + 2^2 + 2^2 + 3^5 + 16^0 = 14 + 22 + 22 + 35 + 160 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^3 + 3^3 + 6^3 + 12^0 = 14 + 23 + 33 + 63 + 120 \\ &:= 1^4 + 2^5 + 3^1 + 6^3 + 12^0 = 14 + 25 + 31 + 63 + 120 \\ &:= 1^5 + 1^5 + 1^9 + 5^2 + 15^2 = 15 + 15 + 19 + 52 + 152 \\ &:= 1^5 + 1^6 + 1^8 + 5^2 + 15^2 = 15 + 16 + 18 + 52 + 152 \\ &:= 1^5 + 1^7 + 1^7 + 5^2 + 15^2 = 15 + 17 + 17 + 52 + 152 \\ &:= 1^5 + 2^0 + 3^4 + 7^2 + 11^2 = 15 + 20 + 34 + 72 + 112 \\ &:= 1^5 + 2^2 + 3^5 + 4^1 + 14^0 = 15 + 22 + 35 + 41 + 140 \\ &:= 1^6 + 1^6 + 1^7 + 5^2 + 15^2 = 16 + 16 + 17 + 52 + 152 \\ &:= 1^6 + 1^9 + 3^4 + 7^2 + 11^2 = 16 + 19 + 34 + 72 + 112 \\ &:= 1^6 + 2^1 + 3^5 + 6^1 + 12^0 = 16 + 21 + 35 + 61 + 120 \\ &:= 1^6 + 3^1 + 3^5 + 5^1 + 12^0 = 16 + 31 + 35 + 51 + 120 \\ &:= 1^6 + 3^3 + 6^0 + 6^3 + 8^1 = 16 + 33 + 60 + 63 + 81 \\ &:= 1^6 + 3^5 + 4^1 + 4^1 + 12^0 = 16 + 35 + 41 + 41 + 120 \\ &:= 1^7 + 1^8 + 3^4 + 7^2 + 11^2 = 17 + 18 + 34 + 72 + 112 \\ &:= 1^7 + 2^0 + 3^4 + 5^0 + 13^2 = 17 + 20 + 34 + 50 + 132 \\ &:= 1^7 + 2^0 + 3^5 + 7^1 + 11^0 = 17 + 20 + 35 + 71 + 110 \\ &:= 1^7 + 2^0 + 5^1 + 5^3 + 11^2 = 17 + 20 + 51 + 53 + 112 \\ &:= 1^7 + 2^0 + 5^2 + 6^3 + 10^1 = 17 + 20 + 52 + 63 + 101 \\ &:= 1^7 + 2^0 + 5^3 + 5^3 + 11^0 = 17 + 20 + 53 + 53 + 110 \\ &:= 1^7 + 2^6 + 2^7 + 7^2 + 11^1 = 17 + 26 + 27 + 72 + 111 \\ &:= 1^7 + 3^0 + 3^4 + 4^0 + 13^2 = 17 + 30 + 34 + 40 + 132 \\ &:= 1^7 + 3^0 + 3^5 + 7^1 + 10^0 = 17 + 30 + 35 + 71 + 100 \\ &:= 1^7 + 3^0 + 5^3 + 5^3 + 10^0 = 17 + 30 + 53 + 53 + 100 \\ &:= 1^7 + 3^5 + 4^0 + 7^1 + 9^0 = 17 + 35 + 40 + 71 + 90 \\ &:= 1^7 + 3^5 + 5^0 + 7^1 + 8^0 = 17 + 35 + 50 + 71 + 80 \\ &:= 1^7 + 3^5 + 6^0 + 7^0 + 7^1 = 17 + 35 + 60 + 70 + 71 \\ &:= 1^7 + 4^0 + 5^3 + 5^3 + 9^0 = 17 + 40 + 53 + 53 + 90 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 5^0 + 5^3 + 5^3 + 8^0 = 17 + 50 + 53 + 53 + 80 \\ &:= 1^7 + 5^3 + 5^3 + 6^0 + 7^0 = 17 + 53 + 53 + 60 + 70 \\ &:= 1^8 + 1^9 + 3^4 + 5^0 + 13^2 = 18 + 19 + 34 + 50 + 132 \\ &:= 1^8 + 1^9 + 3^5 + 7^1 + 11^0 = 18 + 19 + 35 + 71 + 110 \\ &:= 1^8 + 1^9 + 5^1 + 5^3 + 11^2 = 18 + 19 + 51 + 53 + 112 \\ &:= 1^8 + 1^9 + 5^2 + 6^3 + 10^1 = 18 + 19 + 52 + 63 + 101 \\ &:= 1^8 + 1^9 + 5^3 + 5^3 + 11^0 = 18 + 19 + 53 + 53 + 110 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^4 + 2^7 + 8^1 + 10^2 = 19 + 24 + 27 + 81 + 102 \\ &:= 2^0 + 2^3 + 2^6 + 6^2 + 12^2 = 20 + 23 + 26 + 62 + 122 \\ &:= 2^0 + 2^6 + 3^4 + 7^1 + 10^2 = 20 + 26 + 34 + 71 + 102 \\ &:= 2^2 + 2^4 + 2^4 + 6^3 + 12^0 = 22 + 24 + 24 + 63 + 120 \\ &:= 2^4 + 2^6 + 3^1 + 4^0 + 13^2 = 24 + 26 + 31 + 40 + 132 \\ &:= 3^4 + 3^4 + 3^4 + 6^0 + 9^1 = 34 + 34 + 34 + 60 + 91 \end{aligned}$$

2.2.155 Number 254

$$\begin{aligned} 254 &:= 1^5 + 2^5 + 10^2 + 11^2 = 15 + 25 + 102 + 112 \\ &:= 1^7 + 2^3 + 7^2 + 14^2 = 17 + 23 + 72 + 142 \\ &:= 1^7 + 3^2 + 3^5 + 17^0 = 17 + 32 + 35 + 170 \\ &:= 1^8 + 3^5 + 9^1 + 11^0 = 18 + 35 + 91 + 110 \\ &:= 1^8 + 5^2 + 6^3 + 12^1 = 18 + 52 + 63 + 121 \\ &:= 1^8 + 5^3 + 7^1 + 11^2 = 18 + 53 + 71 + 112 \\ &:= 1^9 + 3^1 + 5^2 + 15^2 = 19 + 31 + 52 + 152 \\ &:= 1^9 + 3^3 + 5^0 + 15^2 = 19 + 33 + 50 + 152 \\ &:= 1^9 + 6^2 + 6^3 + 11^0 = 19 + 62 + 63 + 110 \\ &:= 2^4 + 2^7 + 10^1 + 10^2 = 24 + 27 + 101 + 102 \\ &:= 1^0 + 1^6 + 2^3 + 3^5 + 17^0 = 10 + 16 + 23 + 35 + 170 \\ &:= 1^0 + 1^8 + 3^5 + 8^1 + 11^0 = 10 + 18 + 35 + 81 + 110 \\ &:= 1^0 + 1^8 + 5^2 + 6^3 + 11^1 = 10 + 18 + 52 + 63 + 111 \\ &:= 1^0 + 1^8 + 5^3 + 6^1 + 11^2 = 10 + 18 + 53 + 61 + 112 \\ &:= 1^0 + 1^9 + 2^1 + 5^2 + 15^2 = 10 + 19 + 21 + 52 + 152 \\ &:= 1^0 + 2^4 + 2^7 + 9^1 + 10^2 = 10 + 24 + 27 + 91 + 102 \\ &:= 1^1 + 1^5 + 2^3 + 3^5 + 17^0 = 11 + 15 + 23 + 35 + 170 \\ &:= 1^1 + 1^7 + 3^5 + 8^1 + 11^0 = 11 + 17 + 35 + 81 + 110 \\ &:= 1^1 + 1^7 + 5^2 + 6^3 + 11^1 = 11 + 17 + 52 + 63 + 111 \\ &:= 1^1 + 1^7 + 5^3 + 6^1 + 11^2 = 11 + 17 + 53 + 61 + 112 \\ &:= 1^1 + 1^8 + 2^1 + 5^2 + 15^2 = 11 + 18 + 21 + 52 + 152 \\ &:= 1^1 + 2^3 + 2^6 + 9^2 + 10^2 = 11 + 23 + 26 + 92 + 102 \\ &:= 1^1 + 2^4 + 2^5 + 6^2 + 13^2 = 11 + 24 + 25 + 62 + 132 \\ &:= 1^1 + 2^6 + 3^3 + 9^2 + 9^2 = 11 + 26 + 33 + 92 + 92 \\ &:= 1^1 + 2^6 + 3^4 + 8^1 + 10^2 = 11 + 26 + 34 + 81 + 102 \\ &:= 1^2 + 1^4 + 2^3 + 3^5 + 17^0 = 12 + 14 + 23 + 35 + 170 \\ &:= 1^2 + 1^6 + 3^5 + 8^1 + 11^0 = 12 + 16 + 35 + 81 + 110 \\ &:= 1^2 + 1^6 + 5^2 + 6^3 + 11^1 = 12 + 16 + 52 + 63 + 111 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^6 + 5^3 + 6^1 + 11^2 = 12 + 16 + 53 + 61 + 112 \\ &:= 1^2 + 1^7 + 2^1 + 5^2 + 15^2 = 12 + 17 + 21 + 52 + 152 \\ &:= 1^2 + 2^2 + 2^6 + 8^2 + 11^2 = 12 + 22 + 26 + 82 + 112 \\ &:= 1^2 + 2^4 + 2^4 + 5^2 + 14^2 = 12 + 24 + 24 + 52 + 142 \\ &:= 1^2 + 2^5 + 3^3 + 5^2 + 13^2 = 12 + 25 + 33 + 52 + 132 \\ &:= 1^2 + 2^5 + 4^3 + 6^2 + 11^2 = 12 + 25 + 43 + 62 + 112 \\ &:= 1^2 + 2^6 + 3^2 + 6^2 + 12^2 = 12 + 26 + 32 + 62 + 122 \\ &:= 1^3 + 1^3 + 2^3 + 3^5 + 17^0 = 13 + 13 + 23 + 35 + 170 \\ &:= 1^3 + 1^5 + 3^5 + 8^1 + 11^0 = 13 + 15 + 35 + 81 + 110 \\ &:= 1^3 + 1^5 + 5^2 + 6^3 + 11^1 = 13 + 15 + 52 + 63 + 111 \\ &:= 1^3 + 1^5 + 5^3 + 6^1 + 11^2 = 13 + 15 + 53 + 61 + 112 \\ &:= 1^3 + 1^6 + 2^1 + 5^2 + 15^2 = 13 + 16 + 21 + 52 + 152 \\ &:= 1^3 + 2^3 + 2^4 + 6^3 + 13^1 = 13 + 23 + 24 + 63 + 131 \\ &:= 1^3 + 2^3 + 3^4 + 8^2 + 10^2 = 13 + 23 + 34 + 82 + 102 \\ &:= 1^3 + 2^5 + 3^2 + 4^2 + 14^2 = 13 + 25 + 32 + 42 + 142 \\ &:= 1^3 + 2^6 + 4^1 + 4^2 + 13^2 = 13 + 26 + 41 + 42 + 132 \\ &:= 1^3 + 3^3 + 3^4 + 8^2 + 9^2 = 13 + 33 + 34 + 82 + 92 \\ &:= 1^4 + 1^4 + 3^5 + 8^1 + 11^0 = 14 + 14 + 35 + 81 + 110 \\ &:= 1^4 + 1^4 + 5^2 + 6^3 + 11^1 = 14 + 14 + 52 + 63 + 111 \\ &:= 1^4 + 1^4 + 5^3 + 6^1 + 11^2 = 14 + 14 + 53 + 61 + 112 \\ &:= 1^4 + 1^5 + 2^1 + 5^2 + 15^2 = 14 + 15 + 21 + 52 + 152 \\ &:= 1^4 + 2^2 + 2^5 + 6^3 + 13^0 = 14 + 22 + 25 + 63 + 130 \\ &:= 1^4 + 2^3 + 2^4 + 4^1 + 15^2 = 14 + 23 + 24 + 41 + 152 \\ &:= 1^4 + 2^4 + 3^2 + 6^3 + 12^1 = 14 + 24 + 32 + 63 + 121 \\ &:= 1^4 + 2^4 + 4^1 + 4^3 + 13^2 = 14 + 24 + 41 + 43 + 132 \\ &:= 1^4 + 2^7 + 3^1 + 7^0 + 11^2 = 14 + 27 + 31 + 70 + 112 \\ &:= 1^4 + 4^3 + 4^3 + 5^2 + 10^2 = 14 + 43 + 43 + 52 + 102 \\ &:= 1^5 + 2^1 + 3^4 + 7^2 + 11^2 = 15 + 21 + 34 + 72 + 112 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 2^2 + 2^3 + 4^2 + 15^2 = 15 + 22 + 23 + 42 + 152 \\ &:= 1^5 + 2^2 + 4^2 + 4^3 + 13^2 = 15 + 22 + 42 + 43 + 132 \\ &:= 1^5 + 2^4 + 3^1 + 3^2 + 15^2 = 15 + 24 + 31 + 32 + 152 \\ &:= 1^5 + 2^5 + 4^1 + 6^3 + 11^0 = 15 + 25 + 41 + 63 + 110 \\ &:= 1^5 + 3^1 + 3^3 + 3^3 + 14^2 = 15 + 31 + 33 + 33 + 142 \\ &:= 1^5 + 3^1 + 3^4 + 5^2 + 12^2 = 15 + 31 + 34 + 52 + 122 \\ &:= 1^5 + 3^3 + 3^4 + 5^0 + 12^2 = 15 + 33 + 34 + 50 + 122 \\ &:= 1^5 + 4^1 + 4^3 + 4^3 + 11^2 = 15 + 41 + 43 + 43 + 112 \\ &:= 1^6 + 2^0 + 2^3 + 3^5 + 16^0 = 16 + 20 + 23 + 35 + 160 \\ &:= 1^6 + 2^2 + 3^5 + 5^1 + 13^0 = 16 + 22 + 35 + 51 + 130 \\ &:= 1^6 + 2^3 + 3^0 + 3^5 + 15^0 = 16 + 23 + 30 + 35 + 150 \\ &:= 1^6 + 2^3 + 3^5 + 4^0 + 14^0 = 16 + 23 + 35 + 40 + 140 \\ &:= 1^6 + 2^3 + 3^5 + 5^0 + 13^0 = 16 + 23 + 35 + 50 + 130 \\ &:= 1^6 + 2^3 + 3^5 + 6^0 + 12^0 = 16 + 23 + 35 + 60 + 120 \\ &:= 1^6 + 2^3 + 3^5 + 7^0 + 11^0 = 16 + 23 + 35 + 70 + 110 \\ &:= 1^6 + 2^3 + 3^5 + 8^0 + 10^0 = 16 + 23 + 35 + 80 + 100 \\ &:= 1^6 + 2^3 + 3^5 + 9^0 + 9^0 = 16 + 23 + 35 + 90 + 90 \\ &:= 1^6 + 3^1 + 5^2 + 5^3 + 10^2 = 16 + 31 + 52 + 53 + 102 \\ &:= 1^6 + 3^2 + 3^3 + 6^3 + 11^0 = 16 + 32 + 33 + 63 + 110 \\ &:= 1^6 + 3^3 + 5^0 + 5^3 + 10^2 = 16 + 33 + 50 + 53 + 102 \\ &:= 1^7 + 1^9 + 2^3 + 3^5 + 16^0 = 17 + 19 + 23 + 35 + 160 \\ &:= 1^7 + 2^1 + 3^4 + 5^0 + 13^2 = 17 + 21 + 34 + 50 + 132 \\ &:= 1^7 + 2^1 + 3^5 + 7^1 + 11^0 = 17 + 21 + 35 + 71 + 110 \\ &:= 1^7 + 2^1 + 5^1 + 5^3 + 11^2 = 17 + 21 + 51 + 53 + 112 \\ &:= 1^7 + 2^1 + 5^2 + 6^3 + 10^1 = 17 + 21 + 52 + 63 + 101 \\ &:= 1^7 + 2^1 + 5^3 + 5^3 + 11^0 = 17 + 21 + 53 + 53 + 110 \\ &:= 1^7 + 3^1 + 3^5 + 6^1 + 11^0 = 17 + 31 + 35 + 61 + 110 \\ &:= 1^7 + 3^1 + 4^1 + 5^3 + 11^2 = 17 + 31 + 41 + 53 + 112 \\ &:= 1^7 + 3^1 + 5^2 + 6^3 + 9^1 = 17 + 31 + 52 + 63 + 91 \\ &:= 1^7 + 3^3 + 5^0 + 6^3 + 9^1 = 17 + 33 + 50 + 63 + 91 \\ &:= 1^7 + 3^5 + 4^1 + 5^1 + 11^0 = 17 + 35 + 41 + 51 + 110 \\ &:= 1^7 + 4^1 + 5^2 + 6^3 + 8^1 = 17 + 41 + 52 + 63 + 81 \\ &:= 1^7 + 5^1 + 5^2 + 6^3 + 7^1 = 17 + 51 + 52 + 63 + 71 \\ &:= 1^7 + 5^2 + 6^1 + 6^1 + 6^3 = 17 + 52 + 61 + 61 + 63 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^8 + 2^3 + 3^5 + 16^0 = 18 + 18 + 23 + 35 + 160 \\ &:= 1^8 + 2^0 + 3^5 + 8^1 + 10^0 = 18 + 20 + 35 + 81 + 100 \\ &:= 1^8 + 3^0 + 3^5 + 8^1 + 9^0 = 18 + 30 + 35 + 81 + 90 \\ &:= 1^8 + 3^5 + 4^0 + 8^0 + 8^1 = 18 + 35 + 40 + 80 + 81 \\ &:= 1^8 + 3^5 + 5^0 + 7^0 + 8^1 = 18 + 35 + 50 + 70 + 81 \\ &:= 1^8 + 3^5 + 6^0 + 6^0 + 8^1 = 18 + 35 + 60 + 60 + 81 \\ &:= 1^9 + 1^9 + 3^5 + 8^1 + 10^0 = 19 + 19 + 35 + 81 + 100 \\ &:= 2^1 + 2^3 + 2^6 + 6^2 + 12^2 = 21 + 23 + 26 + 62 + 122 \\ &:= 2^1 + 2^6 + 3^4 + 7^1 + 10^2 = 21 + 26 + 34 + 71 + 102 \\ &:= 2^2 + 2^4 + 2^6 + 5^0 + 13^2 = 22 + 24 + 26 + 50 + 132 \\ &:= 2^2 + 2^7 + 4^2 + 6^1 + 10^2 = 22 + 27 + 42 + 61 + 102 \\ &:= 2^2 + 2^7 + 5^1 + 6^2 + 9^2 = 22 + 27 + 51 + 62 + 92 \\ &:= 2^3 + 2^3 + 3^4 + 6^2 + 11^2 = 23 + 23 + 34 + 62 + 112 \\ &:= 2^3 + 2^4 + 3^4 + 5^1 + 12^2 = 23 + 24 + 34 + 51 + 122 \\ &:= 2^3 + 2^5 + 3^2 + 3^2 + 14^2 = 23 + 25 + 32 + 32 + 142 \\ &:= 2^3 + 2^6 + 3^2 + 4^1 + 13^2 = 23 + 26 + 32 + 41 + 132 \\ &:= 2^3 + 2^7 + 5^0 + 6^2 + 9^2 = 23 + 27 + 50 + 62 + 92 \\ &:= 2^5 + 3^3 + 5^3 + 6^1 + 8^2 = 25 + 33 + 53 + 61 + 82 \\ &:= 2^5 + 3^4 + 4^1 + 4^2 + 11^2 = 25 + 34 + 41 + 42 + 112 \\ &:= 2^5 + 4^3 + 5^2 + 5^3 + 8^1 = 25 + 43 + 52 + 53 + 81 \\ &:= 2^5 + 5^2 + 5^3 + 6^2 + 6^2 = 25 + 52 + 53 + 62 + 62 \\ &:= 2^6 + 3^1 + 3^3 + 4^2 + 12^2 = 26 + 31 + 33 + 42 + 122 \\ &:= 2^6 + 3^1 + 3^4 + 6^1 + 10^2 = 26 + 31 + 34 + 61 + 102 \\ &:= 2^6 + 3^2 + 5^3 + 7^1 + 7^2 = 26 + 32 + 53 + 71 + 72 \\ &:= 2^6 + 3^4 + 4^1 + 5^1 + 10^2 = 26 + 34 + 41 + 51 + 102 \\ &:= 2^7 + 3^1 + 5^2 + 7^2 + 7^2 = 27 + 31 + 52 + 72 + 72 \\ &:= 2^7 + 3^2 + 4^1 + 7^2 + 8^2 = 27 + 32 + 41 + 72 + 82 \\ &:= 2^7 + 3^3 + 5^0 + 7^2 + 7^2 = 27 + 33 + 50 + 72 + 72 \\ &:= 2^7 + 3^4 + 5^0 + 6^2 + 8^1 = 27 + 34 + 50 + 62 + 81 \\ &:= 2^7 + 4^1 + 4^2 + 5^2 + 9^2 = 27 + 41 + 42 + 52 + 92 \\ &:= 2^7 + 4^3 + 5^2 + 6^2 + 7^0 = 27 + 43 + 52 + 62 + 70 \\ &:= 3^3 + 3^4 + 3^4 + 4^3 + 11^0 = 33 + 34 + 34 + 43 + 110 \end{aligned}$$

2.2.156 Number 255

$$\begin{aligned}
 255 &:= 5^1 + 5^2 + 15^2 &= 51 + 52 + 152 &:= 1^5 + 1^5 + 6^2 + 6^3 + 10^0 = 15 + 15 + 62 + 63 + 100 \\
 &:= 1^0 + 4^1 + 5^2 + 15^2 &= 10 + 41 + 52 + 152 &:= 1^5 + 2^7 + 4^1 + 6^0 + 11^2 = 15 + 27 + 41 + 60 + 112 \\
 &:= 1^5 + 2^7 + 5^3 + 16^0 &= 15 + 27 + 53 + 160 &:= 1^6 + 2^0 + 2^5 + 5^2 + 14^2 = 16 + 20 + 25 + 52 + 142 \\
 &:= 1^9 + 3^5 + 10^0 + 10^1 &= 19 + 35 + 100 + 101 &:= 1^6 + 2^1 + 2^3 + 3^5 + 16^0 = 16 + 21 + 23 + 35 + 160 \\
 &:= 1^0 + 1^0 + 3^1 + 5^2 + 15^2 &= 10 + 10 + 31 + 52 + 152 &:= 1^6 + 2^5 + 5^1 + 6^3 + 10^0 = 16 + 25 + 51 + 63 + 100 \\
 &:= 1^0 + 1^0 + 3^3 + 5^0 + 15^2 &= 10 + 10 + 33 + 50 + 152 &:= 1^6 + 4^3 + 4^3 + 5^3 + 10^0 = 16 + 43 + 43 + 53 + 100 \\
 &:= 1^0 + 1^0 + 6^2 + 6^3 + 11^0 &= 10 + 10 + 62 + 63 + 110 &:= 1^7 + 1^9 + 2^5 + 5^2 + 14^2 = 17 + 19 + 25 + 52 + 142 \\
 &:= 1^0 + 1^8 + 3^2 + 3^5 + 16^0 &= 10 + 18 + 32 + 35 + 160 &:= 1^7 + 2^2 + 3^5 + 6^1 + 12^0 = 17 + 22 + 35 + 61 + 120 \\
 &:= 1^0 + 1^9 + 3^5 + 9^1 + 10^0 &= 10 + 19 + 35 + 91 + 100 &:= 1^7 + 4^3 + 5^3 + 6^0 + 8^2 = 17 + 43 + 53 + 60 + 82 \\
 &:= 1^0 + 2^0 + 3^3 + 4^0 + 15^2 &= 10 + 20 + 33 + 40 + 152 &:= 1^8 + 1^8 + 2^5 + 5^2 + 14^2 = 18 + 18 + 25 + 52 + 142 \\
 &:= 1^0 + 2^0 + 6^2 + 6^3 + 10^0 &= 10 + 20 + 62 + 63 + 100 &:= 1^8 + 2^0 + 3^2 + 3^5 + 15^0 = 18 + 20 + 32 + 35 + 150 \\
 &:= 1^0 + 2^6 + 2^6 + 5^3 + 14^0 &= 10 + 26 + 26 + 53 + 140 &:= 1^8 + 2^0 + 5^3 + 8^2 + 8^2 = 18 + 20 + 53 + 82 + 82 \\
 &:= 1^0 + 3^0 + 3^0 + 3^3 + 15^2 &= 10 + 30 + 30 + 33 + 152 &:= 1^8 + 2^1 + 3^5 + 8^1 + 10^0 = 18 + 21 + 35 + 81 + 100 \\
 &:= 1^0 + 3^0 + 6^2 + 6^3 + 9^0 &= 10 + 30 + 62 + 63 + 90 &:= 1^8 + 3^0 + 3^2 + 3^5 + 14^0 = 18 + 30 + 32 + 35 + 140 \\
 &:= 1^0 + 4^0 + 6^2 + 6^3 + 8^0 &= 10 + 40 + 62 + 63 + 80 &:= 1^8 + 3^1 + 3^4 + 4^0 + 13^2 = 18 + 31 + 34 + 40 + 132 \\
 &:= 1^0 + 5^0 + 6^2 + 6^3 + 7^0 &= 10 + 50 + 62 + 63 + 70 &:= 1^8 + 3^1 + 3^5 + 7^1 + 10^0 = 18 + 31 + 35 + 71 + 100 \\
 &:= 1^0 + 6^0 + 6^0 + 6^2 + 6^3 &= 10 + 60 + 60 + 62 + 63 &:= 1^8 + 3^1 + 5^3 + 5^3 + 10^0 = 18 + 31 + 53 + 53 + 100 \\
 &:= 1^1 + 1^7 + 3^2 + 3^5 + 16^0 &= 11 + 17 + 32 + 35 + 160 &:= 1^8 + 3^2 + 3^5 + 4^0 + 13^0 = 18 + 32 + 35 + 40 + 130 \\
 &:= 1^1 + 1^8 + 3^5 + 9^1 + 10^0 &= 11 + 18 + 35 + 91 + 100 &:= 1^8 + 3^2 + 3^5 + 5^0 + 12^0 = 18 + 32 + 35 + 50 + 120 \\
 &:= 1^1 + 1^9 + 3^3 + 4^0 + 15^2 &= 11 + 19 + 33 + 40 + 152 &:= 1^8 + 3^2 + 3^5 + 6^0 + 11^0 = 18 + 32 + 35 + 60 + 110 \\
 &:= 1^1 + 1^9 + 6^2 + 6^3 + 10^0 &= 11 + 19 + 62 + 63 + 100 &:= 1^8 + 3^2 + 3^5 + 7^0 + 10^0 = 18 + 32 + 35 + 70 + 100 \\
 &:= 1^2 + 1^6 + 3^2 + 3^5 + 16^0 &= 12 + 16 + 32 + 35 + 160 &:= 1^8 + 3^2 + 3^5 + 8^0 + 9^0 = 18 + 32 + 35 + 80 + 90 \\
 &:= 1^2 + 1^7 + 3^5 + 9^1 + 10^0 &= 12 + 17 + 35 + 91 + 100 &:= 1^8 + 3^3 + 4^0 + 6^3 + 10^1 = 18 + 33 + 40 + 63 + 101 \\
 &:= 1^2 + 1^8 + 3^3 + 4^0 + 15^2 &= 12 + 18 + 33 + 40 + 152 &:= 1^8 + 3^5 + 4^1 + 6^1 + 10^0 = 18 + 35 + 41 + 61 + 100 \\
 &:= 1^2 + 1^8 + 6^2 + 6^3 + 10^0 &= 12 + 18 + 62 + 63 + 100 &:= 1^8 + 3^5 + 5^1 + 5^1 + 10^0 = 18 + 35 + 51 + 51 + 100 \\
 &:= 1^3 + 1^5 + 3^2 + 3^5 + 16^0 &= 13 + 15 + 32 + 35 + 160 &:= 1^9 + 1^9 + 3^2 + 3^5 + 15^0 = 19 + 19 + 32 + 35 + 150 \\
 &:= 1^3 + 1^6 + 3^5 + 9^1 + 10^0 &= 13 + 16 + 35 + 91 + 100 &:= 1^9 + 1^9 + 5^3 + 8^2 + 8^2 = 19 + 19 + 53 + 82 + 82 \\
 &:= 1^3 + 1^7 + 3^3 + 4^0 + 15^2 &= 13 + 17 + 33 + 40 + 152 &:= 1^9 + 2^0 + 3^5 + 9^0 + 9^1 = 19 + 20 + 35 + 90 + 91 \\
 &:= 1^3 + 1^7 + 6^2 + 6^3 + 10^0 &= 13 + 17 + 62 + 63 + 100 &:= 1^9 + 3^0 + 3^5 + 8^0 + 9^1 = 19 + 30 + 35 + 80 + 91 \\
 &:= 1^3 + 2^6 + 4^3 + 5^3 + 12^0 &= 13 + 26 + 43 + 53 + 120 &:= 1^9 + 3^5 + 4^0 + 7^0 + 9^1 = 19 + 35 + 40 + 70 + 91 \\
 &:= 1^4 + 1^4 + 3^2 + 3^5 + 16^0 &= 14 + 14 + 32 + 35 + 160 &:= 1^9 + 3^5 + 5^0 + 6^0 + 9^1 = 19 + 35 + 50 + 60 + 91 \\
 &:= 1^4 + 1^5 + 3^5 + 9^1 + 10^0 &= 14 + 15 + 35 + 91 + 100 &:= 2^0 + 2^0 + 3^0 + 3^3 + 15^2 = 20 + 20 + 30 + 33 + 152 \\
 &:= 1^4 + 1^6 + 3^3 + 4^0 + 15^2 &= 14 + 16 + 33 + 40 + 152 &:= 2^0 + 2^0 + 6^2 + 6^3 + 9^0 = 20 + 20 + 62 + 63 + 90 \\
 &:= 1^4 + 1^6 + 6^2 + 6^3 + 10^0 &= 14 + 16 + 62 + 63 + 100 &:= 2^0 + 2^6 + 2^6 + 5^3 + 13^0 = 20 + 26 + 26 + 53 + 130 \\
 &:= 1^4 + 2^2 + 2^7 + 8^0 + 11^2 &= 14 + 22 + 27 + 80 + 112 &:= 2^0 + 3^0 + 6^2 + 6^3 + 8^0 = 20 + 30 + 62 + 63 + 80 \\
 &:= 1^4 + 2^6 + 5^3 + 8^0 + 8^2 &= 14 + 26 + 53 + 80 + 82 &:= 2^0 + 4^0 + 6^2 + 6^3 + 7^0 = 20 + 40 + 62 + 63 + 70 \\
 &:= 1^4 + 2^7 + 5^2 + 6^0 + 10^2 &= 14 + 27 + 52 + 60 + 102 &:= 2^0 + 5^0 + 6^0 + 6^2 + 6^3 = 20 + 50 + 60 + 62 + 63 \\
 &:= 1^5 + 1^5 + 3^3 + 4^0 + 15^2 &= 15 + 15 + 33 + 40 + 152 &:= 2^4 + 2^6 + 5^3 + 7^2 + 8^0 = 24 + 26 + 53 + 72 + 80
 \end{aligned}$$

$$\begin{aligned} &:= 2^6 + 2^6 + 3^0 + 5^3 + 12^0 = 26 + 26 + 30 + 53 + 120 \\ &:= 2^6 + 2^6 + 4^0 + 5^1 + 11^2 = 26 + 26 + 40 + 51 + 112 \\ &:= 2^6 + 2^6 + 4^0 + 5^3 + 11^0 = 26 + 26 + 40 + 53 + 110 \\ &:= 2^6 + 2^6 + 5^0 + 5^3 + 10^0 = 26 + 26 + 50 + 53 + 100 \\ &:= 2^6 + 2^6 + 5^3 + 6^0 + 9^0 = 26 + 26 + 53 + 60 + 90 \\ &:= 2^6 + 2^6 + 5^3 + 7^0 + 8^0 = 26 + 26 + 53 + 70 + 80 \end{aligned}$$

$$\begin{aligned} &:= 2^7 + 3^2 + 3^4 + 6^2 + 10^0 = 27 + 32 + 34 + 62 + 100 \\ &:= 3^0 + 3^0 + 6^2 + 6^3 + 7^0 = 30 + 30 + 62 + 63 + 70 \\ &:= 3^0 + 4^0 + 6^0 + 6^2 + 6^3 = 30 + 40 + 60 + 62 + 63 \\ &:= 3^0 + 5^0 + 5^0 + 6^2 + 6^3 = 30 + 50 + 50 + 62 + 63 \\ &:= 4^0 + 4^0 + 5^0 + 6^2 + 6^3 = 40 + 40 + 50 + 62 + 63 \end{aligned}$$

2.2.157 Number 256

$$\begin{aligned} 256 &:= 3^5 + 10^0 + 12^1 = 35 + 100 + 121 \\ &:= 1^0 + 3^5 + 10^0 + 11^1 = 10 + 35 + 100 + 111 \\ &:= 2^0 + 3^5 + 9^0 + 11^1 = 20 + 35 + 90 + 111 \\ &:= 3^0 + 3^5 + 8^0 + 11^1 = 30 + 35 + 80 + 111 \\ &:= 3^1 + 3^3 + 4^0 + 15^2 = 31 + 33 + 40 + 152 \\ &:= 3^1 + 6^2 + 6^3 + 10^0 = 31 + 62 + 63 + 100 \\ &:= 3^5 + 4^0 + 7^0 + 11^1 = 35 + 40 + 70 + 111 \\ &:= 3^5 + 5^0 + 6^0 + 11^1 = 35 + 50 + 60 + 111 \\ &:= 1^0 + 1^0 + 3^5 + 10^0 + 10^1 = 10 + 10 + 35 + 100 + 101 \\ &:= 1^0 + 1^6 + 2^7 + 5^3 + 15^0 = 10 + 16 + 27 + 53 + 150 \\ &:= 1^0 + 2^0 + 2^2 + 5^2 + 15^2 = 10 + 20 + 22 + 52 + 152 \\ &:= 1^0 + 2^0 + 3^5 + 9^0 + 10^1 = 10 + 20 + 35 + 90 + 101 \\ &:= 1^0 + 2^1 + 3^3 + 4^0 + 15^2 = 10 + 21 + 33 + 40 + 152 \\ &:= 1^0 + 2^1 + 6^2 + 6^3 + 10^0 = 10 + 21 + 62 + 63 + 100 \\ &:= 1^0 + 3^0 + 3^5 + 8^0 + 10^1 = 10 + 30 + 35 + 80 + 101 \\ &:= 1^0 + 3^5 + 4^0 + 7^0 + 10^1 = 10 + 35 + 40 + 70 + 101 \\ &:= 1^0 + 3^5 + 5^0 + 6^0 + 10^1 = 10 + 35 + 50 + 60 + 101 \\ &:= 1^1 + 1^5 + 2^7 + 5^3 + 15^0 = 11 + 15 + 27 + 53 + 150 \\ &:= 1^1 + 1^9 + 2^2 + 5^2 + 15^2 = 11 + 19 + 22 + 52 + 152 \\ &:= 1^1 + 1^9 + 3^5 + 9^0 + 10^1 = 11 + 19 + 35 + 90 + 101 \\ &:= 1^2 + 1^4 + 2^7 + 5^3 + 15^0 = 12 + 14 + 27 + 53 + 150 \\ &:= 1^2 + 1^8 + 2^2 + 5^2 + 15^2 = 12 + 18 + 22 + 52 + 152 \\ &:= 1^2 + 1^8 + 3^5 + 9^0 + 10^1 = 12 + 18 + 35 + 90 + 101 \\ &:= 1^3 + 1^3 + 2^7 + 5^3 + 15^0 = 13 + 13 + 27 + 53 + 150 \\ &:= 1^3 + 1^7 + 2^2 + 5^2 + 15^2 = 13 + 17 + 22 + 52 + 152 \\ &:= 1^3 + 1^7 + 3^5 + 9^0 + 10^1 = 13 + 17 + 35 + 90 + 101 \\ &:= 1^3 + 2^4 + 2^6 + 6^1 + 13^2 = 13 + 24 + 26 + 61 + 132 \\ &:= 1^3 + 2^6 + 3^3 + 8^2 + 10^2 = 13 + 26 + 33 + 82 + 102 \\ &:= 1^4 + 1^6 + 2^2 + 5^2 + 15^2 = 14 + 16 + 22 + 52 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^6 + 3^5 + 9^0 + 10^1 = 14 + 16 + 35 + 90 + 101 \\ &:= 1^4 + 2^6 + 4^3 + 6^1 + 11^2 = 14 + 26 + 43 + 61 + 112 \\ &:= 1^5 + 1^5 + 2^2 + 5^2 + 15^2 = 15 + 15 + 22 + 52 + 152 \\ &:= 1^5 + 1^5 + 3^5 + 9^0 + 10^1 = 15 + 15 + 35 + 90 + 101 \\ &:= 1^5 + 2^4 + 3^3 + 4^2 + 14^2 = 15 + 24 + 33 + 42 + 142 \\ &:= 1^6 + 2^0 + 2^7 + 5^3 + 14^0 = 16 + 20 + 27 + 53 + 140 \\ &:= 1^6 + 2^1 + 2^5 + 5^2 + 14^2 = 16 + 21 + 25 + 52 + 142 \\ &:= 1^6 + 2^2 + 3^4 + 7^2 + 11^2 = 16 + 22 + 34 + 72 + 112 \\ &:= 1^6 + 2^7 + 3^0 + 5^3 + 13^0 = 16 + 27 + 30 + 53 + 130 \\ &:= 1^6 + 2^7 + 4^0 + 5^3 + 12^0 = 16 + 27 + 40 + 53 + 120 \\ &:= 1^6 + 2^7 + 5^0 + 5^1 + 11^2 = 16 + 27 + 50 + 51 + 112 \\ &:= 1^6 + 2^7 + 5^0 + 5^3 + 11^0 = 16 + 27 + 50 + 53 + 110 \\ &:= 1^6 + 2^7 + 5^3 + 6^0 + 10^0 = 16 + 27 + 53 + 60 + 100 \\ &:= 1^6 + 2^7 + 5^3 + 7^0 + 9^0 = 16 + 27 + 53 + 70 + 90 \\ &:= 1^6 + 2^7 + 5^3 + 8^0 + 8^0 = 16 + 27 + 53 + 80 + 80 \\ &:= 1^7 + 1^9 + 2^7 + 5^3 + 14^0 = 17 + 19 + 27 + 53 + 140 \\ &:= 1^7 + 2^3 + 3^1 + 3^5 + 15^0 = 17 + 23 + 31 + 35 + 150 \\ &:= 1^7 + 2^5 + 6^1 + 6^3 + 9^0 = 17 + 25 + 61 + 63 + 90 \\ &:= 1^8 + 1^8 + 2^7 + 5^3 + 14^0 = 18 + 18 + 27 + 53 + 140 \\ &:= 1^8 + 2^1 + 3^2 + 3^5 + 15^0 = 18 + 21 + 32 + 35 + 150 \\ &:= 1^8 + 2^1 + 5^3 + 8^2 + 8^2 = 18 + 21 + 53 + 82 + 82 \\ &:= 1^8 + 2^2 + 3^4 + 5^0 + 13^2 = 18 + 22 + 34 + 50 + 132 \\ &:= 1^8 + 2^2 + 3^5 + 7^1 + 11^0 = 18 + 22 + 35 + 71 + 110 \\ &:= 1^8 + 2^2 + 5^1 + 5^3 + 11^2 = 18 + 22 + 51 + 53 + 112 \\ &:= 1^8 + 2^2 + 5^2 + 6^3 + 10^1 = 18 + 22 + 52 + 63 + 101 \\ &:= 1^8 + 2^2 + 5^3 + 5^3 + 11^0 = 18 + 22 + 53 + 53 + 110 \\ &:= 1^8 + 2^3 + 5^0 + 5^3 + 11^2 = 18 + 23 + 50 + 53 + 112 \\ &:= 1^9 + 2^1 + 3^5 + 9^0 + 9^1 = 19 + 21 + 35 + 90 + 91 \\ &:= 1^9 + 3^0 + 3^3 + 6^3 + 11^1 = 19 + 30 + 33 + 63 + 111 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 3^0 + 3^4 + 4^1 + 13^2 = 19 + 30 + 34 + 41 + 132 \\
 &:= 1^9 + 3^1 + 3^5 + 8^1 + 9^0 = 19 + 31 + 35 + 81 + 90 \\
 &:= 1^9 + 3^5 + 4^1 + 7^1 + 9^0 = 19 + 35 + 41 + 71 + 90 \\
 &:= 1^9 + 3^5 + 5^1 + 6^1 + 9^0 = 19 + 35 + 51 + 61 + 90 \\
 &:= 1^9 + 4^1 + 5^3 + 5^3 + 9^0 = 19 + 41 + 53 + 53 + 90 \\
 &:= 2^0 + 2^0 + 3^5 + 8^0 + 10^1 = 20 + 20 + 35 + 80 + 101 \\
 &:= 2^0 + 2^1 + 3^0 + 3^3 + 15^2 = 20 + 21 + 30 + 33 + 152 \\
 &:= 2^0 + 2^1 + 6^2 + 6^3 + 9^0 = 20 + 21 + 62 + 63 + 90 \\
 &:= 2^0 + 3^0 + 3^5 + 7^0 + 10^1 = 20 + 30 + 35 + 70 + 101 \\
 &:= 2^0 + 3^5 + 4^0 + 6^0 + 10^1 = 20 + 35 + 40 + 60 + 101 \\
 &:= 2^0 + 3^5 + 5^0 + 5^0 + 10^1 = 20 + 35 + 50 + 50 + 101 \\
 &:= 2^1 + 2^6 + 2^6 + 5^3 + 13^0 = 21 + 26 + 26 + 53 + 130 \\
 &:= 2^1 + 3^0 + 6^2 + 6^3 + 8^0 = 21 + 30 + 62 + 63 + 80
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^1 + 4^0 + 6^2 + 6^3 + 7^0 = 21 + 40 + 62 + 63 + 70 \\
 &:= 2^1 + 5^0 + 6^0 + 6^2 + 6^3 = 21 + 50 + 60 + 62 + 63 \\
 &:= 2^2 + 2^4 + 2^7 + 8^1 + 10^2 = 22 + 24 + 27 + 81 + 102 \\
 &:= 2^3 + 2^6 + 3^3 + 6^2 + 11^2 = 23 + 26 + 33 + 62 + 112 \\
 &:= 2^4 + 2^5 + 3^4 + 6^1 + 11^2 = 24 + 25 + 34 + 61 + 112 \\
 &:= 2^4 + 2^6 + 3^3 + 5^1 + 12^2 = 24 + 26 + 33 + 51 + 122 \\
 &:= 2^4 + 2^6 + 4^2 + 4^2 + 12^2 = 24 + 26 + 42 + 42 + 122 \\
 &:= 2^4 + 2^7 + 5^2 + 6^1 + 9^2 = 24 + 27 + 52 + 61 + 92 \\
 &:= 2^5 + 2^6 + 3^1 + 6^2 + 11^2 = 25 + 26 + 31 + 62 + 112 \\
 &:= 3^0 + 3^0 + 3^5 + 6^0 + 10^1 = 30 + 30 + 35 + 60 + 101 \\
 &:= 3^0 + 3^5 + 4^0 + 5^0 + 10^1 = 30 + 35 + 40 + 50 + 101 \\
 &:= 3^5 + 4^0 + 4^0 + 4^0 + 10^1 = 35 + 40 + 40 + 40 + 101
 \end{aligned}$$

2.2.158 Number 257

$$\begin{aligned}
 257 &:= 1^1 + 3^5 + 9^0 + 12^1 = 11 + 35 + 90 + 121 \\
 &:= 2^1 + 3^5 + 9^0 + 11^1 = 21 + 35 + 90 + 111 \\
 &:= 2^2 + 3^1 + 5^2 + 15^2 = 22 + 31 + 52 + 152 \\
 &:= 2^2 + 3^3 + 5^0 + 15^2 = 22 + 33 + 50 + 152 \\
 &:= 2^2 + 6^2 + 6^3 + 11^0 = 22 + 62 + 63 + 110 \\
 &:= 3^0 + 3^3 + 6^3 + 13^1 = 30 + 33 + 63 + 131 \\
 &:= 3^0 + 3^4 + 6^1 + 13^2 = 30 + 34 + 61 + 132 \\
 &:= 3^1 + 3^5 + 9^0 + 10^1 = 31 + 35 + 90 + 101 \\
 &:= 3^5 + 4^1 + 9^0 + 9^1 = 35 + 41 + 90 + 91 \\
 &:= 3^5 + 5^1 + 8^1 + 9^0 = 35 + 51 + 81 + 90 \\
 &:= 3^5 + 6^1 + 7^1 + 9^0 = 35 + 61 + 71 + 90 \\
 &:= 5^3 + 5^3 + 6^1 + 9^0 = 53 + 53 + 61 + 90 \\
 &:= 1^0 + 1^1 + 3^5 + 9^0 + 11^1 = 10 + 11 + 35 + 90 + 111 \\
 &:= 1^0 + 2^1 + 2^2 + 5^2 + 15^2 = 10 + 21 + 22 + 52 + 152 \\
 &:= 1^0 + 2^1 + 3^5 + 9^0 + 10^1 = 10 + 21 + 35 + 90 + 101 \\
 &:= 1^0 + 3^0 + 3^3 + 6^3 + 12^1 = 10 + 30 + 33 + 63 + 121 \\
 &:= 1^0 + 3^0 + 3^4 + 5^1 + 13^2 = 10 + 30 + 34 + 51 + 132 \\
 &:= 1^0 + 3^0 + 5^3 + 7^2 + 9^2 = 10 + 30 + 53 + 72 + 92 \\
 &:= 1^0 + 3^1 + 3^5 + 9^0 + 9^1 = 10 + 31 + 35 + 90 + 91 \\
 &:= 1^0 + 3^2 + 5^0 + 5^3 + 11^2 = 10 + 32 + 50 + 53 + 112 \\
 &:= 1^0 + 3^5 + 4^1 + 8^1 + 9^0 = 10 + 35 + 41 + 81 + 90 \\
 &:= 1^0 + 3^5 + 5^1 + 7^1 + 9^0 = 10 + 35 + 51 + 71 + 90
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 3^5 + 6^1 + 6^1 + 9^0 = 10 + 35 + 61 + 61 + 90 \\
 &:= 1^0 + 5^1 + 5^3 + 5^3 + 9^0 = 10 + 51 + 53 + 53 + 90 \\
 &:= 1^1 + 2^0 + 3^5 + 8^0 + 11^1 = 11 + 20 + 35 + 80 + 111 \\
 &:= 1^1 + 3^0 + 3^1 + 3^3 + 15^2 = 11 + 30 + 31 + 33 + 152 \\
 &:= 1^1 + 3^0 + 3^5 + 7^0 + 11^1 = 11 + 30 + 35 + 70 + 111 \\
 &:= 1^1 + 3^1 + 6^2 + 6^3 + 9^0 = 11 + 31 + 62 + 63 + 90 \\
 &:= 1^1 + 3^5 + 4^0 + 6^0 + 11^1 = 11 + 35 + 40 + 60 + 111 \\
 &:= 1^1 + 3^5 + 5^0 + 5^0 + 11^1 = 11 + 35 + 50 + 50 + 111 \\
 &:= 1^2 + 1^9 + 3^5 + 8^0 + 11^1 = 12 + 19 + 35 + 80 + 111 \\
 &:= 1^3 + 1^8 + 3^5 + 8^0 + 11^1 = 13 + 18 + 35 + 80 + 111 \\
 &:= 1^4 + 1^7 + 3^5 + 8^0 + 11^1 = 14 + 17 + 35 + 80 + 111 \\
 &:= 1^5 + 1^6 + 3^5 + 8^0 + 11^1 = 15 + 16 + 35 + 80 + 111 \\
 &:= 1^5 + 2^7 + 3^3 + 8^0 + 10^2 = 15 + 27 + 33 + 80 + 102 \\
 &:= 1^6 + 2^1 + 2^7 + 5^3 + 14^0 = 16 + 21 + 27 + 53 + 140 \\
 &:= 1^7 + 2^2 + 2^3 + 3^5 + 16^0 = 17 + 22 + 23 + 35 + 160 \\
 &:= 1^7 + 2^5 + 3^3 + 4^0 + 14^2 = 17 + 25 + 33 + 40 + 142 \\
 &:= 1^7 + 2^7 + 4^0 + 6^1 + 11^2 = 17 + 27 + 40 + 61 + 112 \\
 &:= 1^8 + 2^3 + 3^5 + 4^1 + 14^0 = 18 + 23 + 35 + 41 + 140 \\
 &:= 1^8 + 2^5 + 6^3 + 7^1 + 8^0 = 18 + 25 + 63 + 71 + 80 \\
 &:= 1^8 + 3^4 + 5^3 + 7^2 + 8^0 = 18 + 34 + 53 + 72 + 80 \\
 &:= 1^9 + 2^2 + 3^5 + 8^1 + 10^0 = 19 + 22 + 35 + 81 + 100 \\
 &:= 1^9 + 3^1 + 3^2 + 3^5 + 14^0 = 19 + 31 + 32 + 35 + 140
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^0 + 3^3 + 6^3 + 12^1 = 20 + 20 + 33 + 63 + 121 \\
 &:= 2^0 + 2^0 + 3^4 + 5^1 + 13^2 = 20 + 20 + 34 + 51 + 132 \\
 &:= 2^0 + 2^0 + 5^3 + 7^2 + 9^2 = 20 + 20 + 53 + 72 + 92 \\
 &:= 2^0 + 2^1 + 3^5 + 8^0 + 10^1 = 20 + 21 + 35 + 80 + 101 \\
 &:= 2^0 + 2^5 + 2^7 + 3^4 + 15^1 = 20 + 25 + 27 + 34 + 151 \\
 &:= 2^0 + 3^1 + 3^5 + 8^0 + 9^1 = 20 + 31 + 35 + 80 + 91 \\
 &:= 2^0 + 3^2 + 4^0 + 5^3 + 11^2 = 20 + 32 + 40 + 53 + 112 \\
 &:= 2^0 + 3^5 + 4^1 + 8^0 + 8^1 = 20 + 35 + 41 + 80 + 81 \\
 &:= 2^0 + 3^5 + 5^1 + 7^1 + 8^0 = 20 + 35 + 51 + 71 + 80 \\
 &:= 2^0 + 3^5 + 6^1 + 6^1 + 8^0 = 20 + 35 + 61 + 61 + 80 \\
 &:= 2^0 + 5^1 + 5^3 + 5^3 + 8^0 = 20 + 51 + 53 + 53 + 80 \\
 &:= 2^1 + 2^1 + 3^0 + 3^3 + 15^2 = 21 + 21 + 30 + 33 + 152 \\
 &:= 2^1 + 2^1 + 6^2 + 6^3 + 9^0 = 21 + 21 + 62 + 63 + 90 \\
 &:= 2^1 + 3^0 + 3^5 + 7^0 + 10^1 = 21 + 30 + 35 + 70 + 101 \\
 &:= 2^1 + 3^5 + 4^0 + 6^0 + 10^1 = 21 + 35 + 40 + 60 + 101 \\
 &:= 2^1 + 3^5 + 5^0 + 5^0 + 10^1 = 21 + 35 + 50 + 50 + 101 \\
 &:= 2^4 + 2^5 + 2^6 + 6^0 + 12^2 = 24 + 25 + 26 + 60 + 122 \\
 &:= 2^6 + 2^6 + 4^3 + 8^0 + 8^2 = 26 + 26 + 43 + 80 + 82
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^0 + 3^0 + 3^2 + 5^3 + 11^2 = 30 + 30 + 32 + 53 + 112 \\
 &:= 3^0 + 3^1 + 3^5 + 7^0 + 9^1 = 30 + 31 + 35 + 70 + 91 \\
 &:= 3^0 + 3^5 + 4^1 + 7^0 + 8^1 = 30 + 35 + 41 + 70 + 81 \\
 &:= 3^0 + 3^5 + 5^1 + 7^0 + 7^1 = 30 + 35 + 51 + 70 + 71 \\
 &:= 3^0 + 3^5 + 6^1 + 6^1 + 7^0 = 30 + 35 + 61 + 61 + 70 \\
 &:= 3^0 + 5^1 + 5^3 + 5^3 + 7^0 = 30 + 51 + 53 + 53 + 70 \\
 &:= 3^1 + 3^5 + 4^0 + 6^0 + 9^1 = 31 + 35 + 40 + 60 + 91 \\
 &:= 3^1 + 3^5 + 5^0 + 5^0 + 9^1 = 31 + 35 + 50 + 50 + 91 \\
 &:= 3^5 + 4^0 + 4^1 + 6^0 + 8^1 = 35 + 40 + 41 + 60 + 81 \\
 &:= 3^5 + 4^0 + 5^1 + 6^0 + 7^1 = 35 + 40 + 51 + 60 + 71 \\
 &:= 3^5 + 4^0 + 6^0 + 6^1 + 6^1 = 35 + 40 + 60 + 61 + 61 \\
 &:= 3^5 + 4^1 + 5^0 + 5^0 + 8^1 = 35 + 41 + 50 + 50 + 81 \\
 &:= 3^5 + 5^0 + 5^0 + 5^1 + 7^1 = 35 + 50 + 50 + 51 + 71 \\
 &:= 3^5 + 5^0 + 5^0 + 6^1 + 6^1 = 35 + 50 + 50 + 61 + 61 \\
 &:= 4^0 + 5^1 + 5^3 + 5^3 + 6^0 = 40 + 51 + 53 + 53 + 60 \\
 &:= 5^0 + 5^0 + 5^1 + 5^3 + 5^3 = 50 + 50 + 51 + 53 + 53
 \end{aligned}$$

2.2.159 Number 258

$$\begin{aligned}
 258 &:= 1^0 + 2^8 + 22^0 = 10 + 28 + 220 \\
 &:= 1^4 + 4^4 + 20^0 = 14 + 44 + 200 \\
 &:= 1^6 + 8^0 + 16^2 = 16 + 80 + 162 \\
 &:= 2^0 + 2^8 + 21^0 = 20 + 28 + 210 \\
 &:= 2^8 + 10^0 + 13^0 = 28 + 100 + 130 \\
 &:= 2^8 + 11^0 + 12^0 = 28 + 110 + 120 \\
 &:= 2^8 + 3^0 + 20^0 = 28 + 30 + 200 \\
 &:= 2^8 + 4^0 + 19^0 = 28 + 40 + 190 \\
 &:= 2^8 + 5^0 + 18^0 = 28 + 50 + 180 \\
 &:= 2^8 + 6^0 + 17^0 = 28 + 60 + 170 \\
 &:= 2^8 + 7^0 + 16^0 = 28 + 70 + 160 \\
 &:= 2^8 + 8^0 + 15^0 = 28 + 80 + 150 \\
 &:= 2^8 + 9^0 + 14^0 = 28 + 90 + 140 \\
 &:= 1^2 + 3^5 + 8^0 + 13^1 = 12 + 35 + 80 + 131 \\
 &:= 1^4 + 2^7 + 2^7 + 19^0 = 14 + 27 + 27 + 190 \\
 &:= 1^9 + 2^5 + 9^2 + 12^2 = 19 + 25 + 92 + 122 \\
 &:= 2^2 + 3^5 + 10^0 + 10^1 = 22 + 35 + 100 + 101 \\
 &:= 2^4 + 4^0 + 4^2 + 15^2 = 24 + 40 + 42 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^2 + 3^5 + 5^1 + 14^0 = 32 + 35 + 51 + 140 \\
 &:= 1^0 + 1^2 + 3^5 + 8^0 + 12^1 = 10 + 12 + 35 + 80 + 121 \\
 &:= 1^0 + 2^2 + 3^5 + 9^1 + 10^0 = 10 + 22 + 35 + 91 + 100 \\
 &:= 1^0 + 3^2 + 3^5 + 4^1 + 14^0 = 10 + 32 + 35 + 41 + 140 \\
 &:= 1^1 + 1^1 + 3^5 + 8^0 + 12^1 = 11 + 11 + 35 + 80 + 121 \\
 &:= 1^1 + 2^0 + 3^3 + 6^3 + 13^1 = 11 + 20 + 33 + 63 + 131 \\
 &:= 1^1 + 2^0 + 3^4 + 6^1 + 13^2 = 11 + 20 + 34 + 61 + 132 \\
 &:= 1^1 + 2^1 + 3^5 + 8^0 + 11^1 = 11 + 21 + 35 + 80 + 111 \\
 &:= 1^1 + 2^2 + 3^3 + 4^0 + 15^2 = 11 + 22 + 33 + 40 + 152 \\
 &:= 1^1 + 2^2 + 6^2 + 6^3 + 10^0 = 11 + 22 + 62 + 63 + 100 \\
 &:= 1^1 + 2^5 + 2^7 + 3^4 + 16^1 = 11 + 25 + 27 + 34 + 161 \\
 &:= 1^1 + 3^1 + 3^5 + 8^0 + 10^1 = 11 + 31 + 35 + 80 + 101 \\
 &:= 1^1 + 3^5 + 4^1 + 8^0 + 9^1 = 11 + 35 + 41 + 80 + 91 \\
 &:= 1^1 + 3^5 + 5^1 + 8^0 + 8^1 = 11 + 35 + 51 + 80 + 81 \\
 &:= 1^1 + 3^5 + 6^1 + 7^1 + 8^0 = 11 + 35 + 61 + 71 + 80 \\
 &:= 1^1 + 5^3 + 5^3 + 6^1 + 8^0 = 11 + 53 + 53 + 61 + 80 \\
 &:= 1^2 + 1^9 + 3^3 + 6^3 + 13^1 = 12 + 19 + 33 + 63 + 131 \\
 &:= 1^2 + 1^9 + 3^4 + 6^1 + 13^2 = 12 + 19 + 34 + 61 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^0 + 3^3 + 4^1 + 15^2 = 12 + 20 + 33 + 41 + 152 \\ &:= 1^2 + 2^0 + 3^5 + 7^0 + 12^1 = 12 + 20 + 35 + 70 + 121 \\ &:= 1^2 + 2^6 + 2^7 + 4^3 + 15^0 = 12 + 26 + 27 + 43 + 150 \\ &:= 1^2 + 3^0 + 3^5 + 6^0 + 12^1 = 12 + 30 + 35 + 60 + 121 \\ &:= 1^2 + 3^5 + 4^0 + 5^0 + 12^1 = 12 + 35 + 40 + 50 + 121 \\ &:= 1^2 + 4^1 + 6^2 + 6^3 + 8^0 = 12 + 41 + 62 + 63 + 80 \\ &:= 1^3 + 1^8 + 3^3 + 6^3 + 13^1 = 13 + 18 + 33 + 63 + 131 \\ &:= 1^3 + 1^8 + 3^4 + 6^1 + 13^2 = 13 + 18 + 34 + 61 + 132 \\ &:= 1^3 + 1^9 + 3^3 + 4^1 + 15^2 = 13 + 19 + 33 + 41 + 152 \\ &:= 1^3 + 1^9 + 3^5 + 7^0 + 12^1 = 13 + 19 + 35 + 70 + 121 \\ &:= 1^3 + 2^6 + 2^6 + 8^1 + 11^2 = 13 + 26 + 26 + 81 + 112 \\ &:= 1^3 + 2^6 + 2^7 + 8^2 + 11^0 = 13 + 26 + 27 + 82 + 110 \\ &:= 1^4 + 1^7 + 3^3 + 6^3 + 13^1 = 14 + 17 + 33 + 63 + 131 \\ &:= 1^4 + 1^7 + 3^4 + 6^1 + 13^2 = 14 + 17 + 34 + 61 + 132 \\ &:= 1^4 + 1^8 + 3^3 + 4^1 + 15^2 = 14 + 18 + 33 + 41 + 152 \\ &:= 1^4 + 1^8 + 3^5 + 7^0 + 12^1 = 14 + 18 + 35 + 70 + 121 \\ &:= 1^4 + 2^5 + 2^5 + 7^2 + 12^2 = 14 + 25 + 25 + 72 + 122 \\ &:= 1^4 + 2^7 + 3^4 + 6^2 + 12^1 = 14 + 27 + 34 + 62 + 121 \\ &:= 1^5 + 1^6 + 3^3 + 6^3 + 13^1 = 15 + 16 + 33 + 63 + 131 \\ &:= 1^5 + 1^6 + 3^4 + 6^1 + 13^2 = 15 + 16 + 34 + 61 + 132 \\ &:= 1^5 + 1^7 + 3^3 + 4^1 + 15^2 = 15 + 17 + 33 + 41 + 152 \\ &:= 1^5 + 1^7 + 3^5 + 7^0 + 12^1 = 15 + 17 + 35 + 70 + 121 \\ &:= 1^5 + 2^3 + 2^6 + 8^2 + 11^2 = 15 + 23 + 26 + 82 + 112 \\ &:= 1^5 + 2^7 + 4^3 + 4^3 + 13^0 = 15 + 27 + 43 + 43 + 130 \\ &:= 1^5 + 3^4 + 3^4 + 3^4 + 14^1 = 15 + 34 + 34 + 34 + 141 \\ &:= 1^6 + 1^6 + 3^3 + 4^1 + 15^2 = 16 + 16 + 33 + 41 + 152 \\ &:= 1^6 + 1^6 + 3^5 + 7^0 + 12^1 = 16 + 16 + 35 + 70 + 121 \\ &:= 1^6 + 2^7 + 4^3 + 8^2 + 9^0 = 16 + 27 + 43 + 82 + 90 \\ &:= 1^7 + 2^2 + 2^5 + 5^2 + 14^2 = 17 + 22 + 25 + 52 + 142 \\ &:= 1^7 + 2^3 + 2^5 + 6^3 + 13^0 = 17 + 23 + 25 + 63 + 130 \\ &:= 1^7 + 2^7 + 3^1 + 5^3 + 13^0 = 17 + 27 + 31 + 53 + 130 \\ &:= 1^7 + 2^7 + 5^0 + 8^2 + 8^2 = 17 + 27 + 50 + 82 + 82 \\ &:= 1^7 + 3^3 + 3^4 + 7^2 + 10^2 = 17 + 33 + 34 + 72 + 102 \\ &:= 1^8 + 2^3 + 2^3 + 4^2 + 15^2 = 18 + 23 + 23 + 42 + 152 \\ &:= 1^8 + 2^3 + 4^2 + 4^3 + 13^2 = 18 + 23 + 42 + 43 + 132 \\ &:= 1^8 + 2^7 + 3^0 + 7^1 + 11^2 = 18 + 27 + 30 + 71 + 112 \\ &:= 1^8 + 3^3 + 3^4 + 5^1 + 12^2 = 18 + 33 + 34 + 51 + 122 \\ &:= 1^8 + 3^4 + 4^2 + 4^2 + 12^2 = 18 + 34 + 42 + 42 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^2 + 3^2 + 3^5 + 15^0 = 19 + 22 + 32 + 35 + 150 \\ &:= 1^9 + 2^2 + 5^3 + 8^2 + 8^2 = 19 + 22 + 53 + 82 + 82 \\ &:= 1^9 + 2^3 + 3^5 + 5^1 + 13^0 = 19 + 23 + 35 + 51 + 130 \\ &:= 1^9 + 2^5 + 6^3 + 7^0 + 8^1 = 19 + 25 + 63 + 70 + 81 \\ &:= 1^9 + 2^6 + 2^6 + 2^7 + 16^0 = 19 + 26 + 26 + 27 + 160 \\ &:= 1^9 + 3^3 + 5^1 + 5^3 + 10^2 = 19 + 33 + 51 + 53 + 102 \\ &:= 1^9 + 4^2 + 4^2 + 5^3 + 10^2 = 19 + 42 + 42 + 53 + 102 \\ &:= 2^0 + 2^1 + 3^3 + 6^3 + 12^1 = 20 + 21 + 33 + 63 + 121 \\ &:= 2^0 + 2^1 + 3^4 + 5^1 + 13^2 = 20 + 21 + 34 + 51 + 132 \\ &:= 2^0 + 2^1 + 5^3 + 7^2 + 9^2 = 20 + 21 + 53 + 72 + 92 \\ &:= 2^0 + 2^2 + 3^5 + 9^0 + 9^1 = 20 + 22 + 35 + 90 + 91 \\ &:= 2^0 + 3^1 + 3^3 + 6^3 + 11^1 = 20 + 31 + 33 + 63 + 111 \\ &:= 2^0 + 3^1 + 3^4 + 4^1 + 13^2 = 20 + 31 + 34 + 41 + 132 \\ &:= 2^0 + 3^2 + 3^5 + 4^1 + 13^0 = 20 + 32 + 35 + 41 + 130 \\ &:= 2^0 + 3^3 + 4^1 + 6^3 + 10^1 = 20 + 33 + 41 + 63 + 101 \\ &:= 2^0 + 3^3 + 5^1 + 6^3 + 9^1 = 20 + 33 + 51 + 63 + 91 \\ &:= 2^0 + 3^3 + 6^1 + 6^3 + 8^1 = 20 + 33 + 61 + 63 + 81 \\ &:= 2^0 + 3^3 + 6^3 + 7^1 + 7^1 = 20 + 33 + 63 + 71 + 71 \\ &:= 2^0 + 4^2 + 4^2 + 6^3 + 9^1 = 20 + 42 + 42 + 63 + 91 \\ &:= 2^1 + 2^1 + 3^5 + 8^0 + 10^1 = 21 + 21 + 35 + 80 + 101 \\ &:= 2^1 + 2^5 + 2^7 + 3^4 + 15^1 = 21 + 25 + 27 + 34 + 151 \\ &:= 2^1 + 3^1 + 3^5 + 8^0 + 9^1 = 21 + 31 + 35 + 80 + 91 \\ &:= 2^1 + 3^2 + 4^0 + 5^3 + 11^2 = 21 + 32 + 40 + 53 + 112 \\ &:= 2^1 + 3^5 + 4^1 + 8^0 + 8^1 = 21 + 35 + 41 + 80 + 81 \\ &:= 2^1 + 3^5 + 5^1 + 7^1 + 8^0 = 21 + 35 + 51 + 71 + 80 \\ &:= 2^1 + 3^5 + 6^1 + 6^1 + 8^0 = 21 + 35 + 61 + 61 + 80 \\ &:= 2^1 + 5^1 + 5^3 + 5^3 + 8^0 = 21 + 51 + 53 + 53 + 80 \\ &:= 2^2 + 3^0 + 3^5 + 8^0 + 9^1 = 22 + 30 + 35 + 80 + 91 \\ &:= 2^2 + 3^5 + 4^0 + 7^0 + 9^1 = 22 + 35 + 40 + 70 + 91 \\ &:= 2^2 + 3^5 + 5^0 + 6^0 + 9^1 = 22 + 35 + 50 + 60 + 91 \\ &:= 2^3 + 2^5 + 2^7 + 9^1 + 9^2 = 23 + 25 + 27 + 91 + 92 \\ &:= 2^3 + 2^7 + 3^3 + 3^4 + 14^1 = 23 + 27 + 33 + 34 + 141 \\ &:= 2^4 + 2^4 + 2^6 + 9^2 + 9^2 = 24 + 24 + 26 + 92 + 92 \\ &:= 2^4 + 2^5 + 2^7 + 9^0 + 9^2 = 24 + 25 + 27 + 90 + 92 \\ &:= 2^5 + 2^7 + 3^1 + 3^4 + 14^1 = 25 + 27 + 31 + 34 + 141 \\ &:= 2^5 + 2^7 + 3^4 + 4^1 + 13^1 = 25 + 27 + 34 + 41 + 131 \\ &:= 2^5 + 2^7 + 3^4 + 4^2 + 13^0 = 25 + 27 + 34 + 42 + 130 \\ &:= 2^5 + 2^7 + 3^4 + 5^1 + 12^1 = 25 + 27 + 34 + 51 + 121 \end{aligned}$$

$$\begin{aligned} &:= 2^5 + 2^7 + 3^4 + 6^1 + 11^1 = 25 + 27 + 34 + 61 + 111 \\ &:= 2^5 + 2^7 + 3^4 + 7^1 + 10^1 = 25 + 27 + 34 + 71 + 101 \\ &:= 2^5 + 2^7 + 3^4 + 8^1 + 9^1 = 25 + 27 + 34 + 81 + 91 \\ &:= 3^0 + 3^2 + 3^5 + 4^1 + 12^0 = 30 + 32 + 35 + 41 + 120 \\ &:= 3^1 + 3^1 + 3^5 + 8^0 + 8^1 = 31 + 31 + 35 + 80 + 81 \\ &:= 3^1 + 3^5 + 4^1 + 7^1 + 8^0 = 31 + 35 + 41 + 71 + 80 \\ &:= 3^1 + 3^5 + 5^1 + 6^1 + 8^0 = 31 + 35 + 51 + 61 + 80 \\ &:= 3^1 + 4^1 + 5^3 + 5^3 + 8^0 = 31 + 41 + 53 + 53 + 80 \end{aligned}$$

$$\begin{aligned} &:= 3^2 + 3^5 + 4^0 + 4^1 + 11^0 = 32 + 35 + 40 + 41 + 110 \\ &:= 3^2 + 3^5 + 4^1 + 5^0 + 10^0 = 32 + 35 + 41 + 50 + 100 \\ &:= 3^2 + 3^5 + 4^1 + 6^0 + 9^0 = 32 + 35 + 41 + 60 + 90 \\ &:= 3^2 + 3^5 + 4^1 + 7^0 + 8^0 = 32 + 35 + 41 + 70 + 80 \\ &:= 3^2 + 4^0 + 5^2 + 6^3 + 7^1 = 32 + 40 + 52 + 63 + 71 \\ &:= 3^5 + 4^1 + 4^1 + 6^1 + 8^0 = 35 + 41 + 41 + 61 + 80 \\ &:= 3^5 + 4^1 + 5^1 + 5^1 + 8^0 = 35 + 41 + 51 + 51 + 80 \end{aligned}$$

2.2.160 Number 259

$$\begin{aligned} 259 &:= 2^1 + 2^8 + 21^0 = 21 + 28 + 210 \\ &:= 1^0 + 1^1 + 2^8 + 21^0 = 10 + 11 + 28 + 210 \\ &:= 1^0 + 1^5 + 4^4 + 19^0 = 10 + 15 + 44 + 190 \\ &:= 1^0 + 1^7 + 7^0 + 16^2 = 10 + 17 + 70 + 162 \\ &:= 1^1 + 1^4 + 4^4 + 19^0 = 11 + 14 + 44 + 190 \\ &:= 1^1 + 1^6 + 7^0 + 16^2 = 11 + 16 + 70 + 162 \\ &:= 1^1 + 2^0 + 2^8 + 20^0 = 11 + 20 + 28 + 200 \\ &:= 1^1 + 2^4 + 11^2 + 11^2 = 11 + 24 + 112 + 112 \\ &:= 1^1 + 2^8 + 10^0 + 12^0 = 11 + 28 + 100 + 120 \\ &:= 1^1 + 2^8 + 11^0 + 11^0 = 11 + 28 + 110 + 110 \\ &:= 1^1 + 2^8 + 3^0 + 19^0 = 11 + 28 + 30 + 190 \\ &:= 1^1 + 2^8 + 4^0 + 18^0 = 11 + 28 + 40 + 180 \\ &:= 1^1 + 2^8 + 5^0 + 17^0 = 11 + 28 + 50 + 170 \\ &:= 1^1 + 2^8 + 6^0 + 16^0 = 11 + 28 + 60 + 160 \\ &:= 1^1 + 2^8 + 7^0 + 15^0 = 11 + 28 + 70 + 150 \\ &:= 1^1 + 2^8 + 8^0 + 14^0 = 11 + 28 + 80 + 140 \\ &:= 1^1 + 2^8 + 9^0 + 13^0 = 11 + 28 + 90 + 130 \\ &:= 1^2 + 1^3 + 4^4 + 19^0 = 12 + 13 + 44 + 190 \\ &:= 1^2 + 1^5 + 7^0 + 16^2 = 12 + 15 + 70 + 162 \\ &:= 1^2 + 1^9 + 2^8 + 20^0 = 12 + 19 + 28 + 200 \\ &:= 1^2 + 2^3 + 9^2 + 13^2 = 12 + 23 + 92 + 132 \\ &:= 1^2 + 2^5 + 7^0 + 15^2 = 12 + 25 + 70 + 152 \\ &:= 1^2 + 3^3 + 6^3 + 15^1 = 12 + 33 + 63 + 151 \\ &:= 1^2 + 3^4 + 8^1 + 13^2 = 12 + 34 + 81 + 132 \\ &:= 1^3 + 1^4 + 7^0 + 16^2 = 13 + 14 + 70 + 162 \\ &:= 1^3 + 1^8 + 2^8 + 20^0 = 13 + 18 + 28 + 200 \\ &:= 1^3 + 3^3 + 6^1 + 15^2 = 13 + 33 + 61 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 3^5 + 7^0 + 14^1 = 13 + 35 + 70 + 141 \\ &:= 1^4 + 1^7 + 2^8 + 20^0 = 14 + 17 + 28 + 200 \\ &:= 1^5 + 1^6 + 2^8 + 20^0 = 15 + 16 + 28 + 200 \\ &:= 1^5 + 2^0 + 4^4 + 18^0 = 15 + 20 + 44 + 180 \\ &:= 1^5 + 3^0 + 4^4 + 17^0 = 15 + 30 + 44 + 170 \\ &:= 1^5 + 4^0 + 4^4 + 16^0 = 15 + 40 + 44 + 160 \\ &:= 1^5 + 4^4 + 10^0 + 10^0 = 15 + 44 + 100 + 100 \\ &:= 1^5 + 4^4 + 5^0 + 15^0 = 15 + 44 + 50 + 150 \\ &:= 1^5 + 4^4 + 6^0 + 14^0 = 15 + 44 + 60 + 140 \\ &:= 1^5 + 4^4 + 7^0 + 13^0 = 15 + 44 + 70 + 130 \\ &:= 1^5 + 4^4 + 8^0 + 12^0 = 15 + 44 + 80 + 120 \\ &:= 1^5 + 4^4 + 9^0 + 11^0 = 15 + 44 + 90 + 110 \\ &:= 1^6 + 1^9 + 4^4 + 18^0 = 16 + 19 + 44 + 180 \\ &:= 1^7 + 1^8 + 4^4 + 18^0 = 17 + 18 + 44 + 180 \\ &:= 1^7 + 2^0 + 6^0 + 16^2 = 17 + 20 + 60 + 162 \\ &:= 1^7 + 3^0 + 5^0 + 16^2 = 17 + 30 + 50 + 162 \\ &:= 1^7 + 4^0 + 4^0 + 16^2 = 17 + 40 + 40 + 162 \\ &:= 1^8 + 1^9 + 6^0 + 16^2 = 18 + 19 + 60 + 162 \\ &:= 2^3 + 3^4 + 7^0 + 13^2 = 23 + 34 + 70 + 132 \\ &:= 2^3 + 3^5 + 7^1 + 13^0 = 23 + 35 + 71 + 130 \\ &:= 2^3 + 5^3 + 5^3 + 13^0 = 23 + 53 + 53 + 130 \\ &:= 2^5 + 6^3 + 7^0 + 10^1 = 25 + 63 + 70 + 101 \\ &:= 3^3 + 5^3 + 7^1 + 10^2 = 33 + 53 + 71 + 102 \\ &:= 5^3 + 6^2 + 7^2 + 7^2 = 53 + 62 + 72 + 72 \\ &:= 1^0 + 1^0 + 2^5 + 9^2 + 12^2 = 10 + 10 + 25 + 92 + 122 \\ &:= 1^0 + 1^2 + 3^3 + 6^3 + 14^1 = 10 + 12 + 33 + 63 + 141 \\ &:= 1^0 + 1^2 + 3^4 + 7^1 + 13^2 = 10 + 12 + 34 + 71 + 132 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^2 + 4^3 + 7^2 + 12^2 = 10 + 12 + 43 + 72 + 122 \\ &:= 1^0 + 1^3 + 3^3 + 5^1 + 15^2 = 10 + 13 + 33 + 51 + 152 \\ &:= 1^0 + 1^3 + 3^5 + 7^0 + 13^1 = 10 + 13 + 35 + 70 + 131 \\ &:= 1^0 + 1^3 + 4^2 + 4^2 + 15^2 = 10 + 13 + 42 + 42 + 152 \\ &:= 1^0 + 1^5 + 2^7 + 2^7 + 18^0 = 10 + 15 + 27 + 27 + 180 \\ &:= 1^0 + 2^3 + 3^2 + 4^2 + 15^2 = 10 + 23 + 32 + 42 + 152 \\ &:= 1^0 + 2^3 + 3^5 + 6^1 + 13^0 = 10 + 23 + 35 + 61 + 130 \\ &:= 1^0 + 2^4 + 5^2 + 6^3 + 11^0 = 10 + 24 + 52 + 63 + 110 \\ &:= 1^0 + 2^5 + 6^3 + 7^0 + 9^1 = 10 + 25 + 63 + 70 + 91 \\ &:= 1^0 + 3^2 + 4^2 + 4^3 + 13^2 = 10 + 32 + 42 + 43 + 132 \\ &:= 1^0 + 3^3 + 5^3 + 6^1 + 10^2 = 10 + 33 + 53 + 61 + 102 \\ &:= 1^0 + 4^2 + 5^3 + 6^2 + 9^2 = 10 + 42 + 53 + 62 + 92 \\ &:= 1^1 + 1^1 + 3^3 + 6^3 + 14^1 = 11 + 11 + 33 + 63 + 141 \\ &:= 1^1 + 1^1 + 3^4 + 7^1 + 13^2 = 11 + 11 + 34 + 71 + 132 \\ &:= 1^1 + 1^1 + 4^3 + 7^2 + 12^2 = 11 + 11 + 43 + 72 + 122 \\ &:= 1^1 + 1^2 + 3^3 + 5^1 + 15^2 = 11 + 12 + 33 + 51 + 152 \\ &:= 1^1 + 1^2 + 3^5 + 7^0 + 13^1 = 11 + 12 + 35 + 70 + 131 \\ &:= 1^1 + 1^2 + 4^2 + 4^2 + 15^2 = 11 + 12 + 42 + 42 + 152 \\ &:= 1^1 + 1^4 + 2^7 + 2^7 + 18^0 = 11 + 14 + 27 + 27 + 180 \\ &:= 1^1 + 2^1 + 3^3 + 6^3 + 13^1 = 11 + 21 + 33 + 63 + 131 \\ &:= 1^1 + 2^1 + 3^4 + 6^1 + 13^2 = 11 + 21 + 34 + 61 + 132 \\ &:= 1^1 + 2^2 + 2^2 + 5^2 + 15^2 = 11 + 22 + 22 + 52 + 152 \\ &:= 1^1 + 2^2 + 3^5 + 9^0 + 10^1 = 11 + 22 + 35 + 90 + 101 \\ &:= 1^1 + 2^4 + 3^0 + 4^2 + 15^2 = 11 + 24 + 30 + 42 + 152 \\ &:= 1^1 + 3^1 + 3^3 + 6^3 + 12^1 = 11 + 31 + 33 + 63 + 121 \\ &:= 1^1 + 3^1 + 3^4 + 5^1 + 13^2 = 11 + 31 + 34 + 51 + 132 \\ &:= 1^1 + 3^1 + 5^3 + 7^2 + 9^2 = 11 + 31 + 53 + 72 + 92 \\ &:= 1^1 + 3^2 + 3^5 + 5^1 + 13^0 = 11 + 32 + 35 + 51 + 130 \\ &:= 1^1 + 3^3 + 4^1 + 6^3 + 11^1 = 11 + 33 + 41 + 63 + 111 \\ &:= 1^1 + 3^3 + 5^1 + 6^3 + 10^1 = 11 + 33 + 51 + 63 + 101 \\ &:= 1^1 + 3^3 + 6^1 + 6^3 + 9^1 = 11 + 33 + 61 + 63 + 91 \\ &:= 1^1 + 3^3 + 6^3 + 7^1 + 8^1 = 11 + 33 + 63 + 71 + 81 \\ &:= 1^1 + 3^4 + 4^1 + 4^1 + 13^2 = 11 + 34 + 41 + 41 + 132 \\ &:= 1^1 + 4^2 + 4^2 + 6^3 + 10^1 = 11 + 42 + 42 + 63 + 101 \\ &:= 1^2 + 1^3 + 2^7 + 2^7 + 18^0 = 12 + 13 + 27 + 27 + 180 \\ &:= 1^2 + 2^1 + 3^3 + 4^1 + 15^2 = 12 + 21 + 33 + 41 + 152 \\ &:= 1^2 + 2^1 + 3^5 + 7^0 + 12^1 = 12 + 21 + 35 + 70 + 121 \\ &:= 1^2 + 3^1 + 3^1 + 3^3 + 15^2 = 12 + 31 + 31 + 33 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 3^1 + 3^5 + 7^0 + 11^1 = 12 + 31 + 35 + 70 + 111 \\ &:= 1^2 + 3^5 + 4^1 + 7^0 + 10^1 = 12 + 35 + 41 + 70 + 101 \\ &:= 1^2 + 3^5 + 5^1 + 7^0 + 9^1 = 12 + 35 + 51 + 70 + 91 \\ &:= 1^2 + 3^5 + 6^1 + 7^0 + 8^1 = 12 + 35 + 61 + 70 + 81 \\ &:= 1^2 + 3^5 + 7^0 + 7^1 + 7^1 = 12 + 35 + 70 + 71 + 71 \\ &:= 1^2 + 4^2 + 5^2 + 6^3 + 9^0 = 12 + 42 + 52 + 63 + 90 \\ &:= 1^2 + 5^3 + 5^3 + 7^0 + 7^1 = 12 + 53 + 53 + 70 + 71 \\ &:= 1^3 + 2^0 + 3^5 + 6^0 + 13^1 = 13 + 20 + 35 + 60 + 131 \\ &:= 1^3 + 3^0 + 3^5 + 5^0 + 13^1 = 13 + 30 + 35 + 50 + 131 \\ &:= 1^3 + 3^5 + 4^0 + 4^0 + 13^1 = 13 + 35 + 40 + 40 + 131 \\ &:= 1^3 + 5^1 + 6^2 + 6^3 + 7^0 = 13 + 51 + 62 + 63 + 70 \\ &:= 1^4 + 1^9 + 3^5 + 6^0 + 13^1 = 14 + 19 + 35 + 60 + 131 \\ &:= 1^5 + 1^8 + 3^5 + 6^0 + 13^1 = 15 + 18 + 35 + 60 + 131 \\ &:= 1^5 + 2^0 + 2^7 + 2^7 + 17^0 = 15 + 20 + 27 + 27 + 170 \\ &:= 1^5 + 2^7 + 2^7 + 3^0 + 16^0 = 15 + 27 + 27 + 30 + 160 \\ &:= 1^5 + 2^7 + 2^7 + 4^0 + 15^0 = 15 + 27 + 27 + 40 + 150 \\ &:= 1^5 + 2^7 + 2^7 + 5^0 + 14^0 = 15 + 27 + 27 + 50 + 140 \\ &:= 1^5 + 2^7 + 2^7 + 6^0 + 13^0 = 15 + 27 + 27 + 60 + 130 \\ &:= 1^5 + 2^7 + 2^7 + 7^0 + 12^0 = 15 + 27 + 27 + 70 + 120 \\ &:= 1^5 + 2^7 + 2^7 + 8^0 + 11^0 = 15 + 27 + 27 + 80 + 110 \\ &:= 1^5 + 2^7 + 2^7 + 9^0 + 10^0 = 15 + 27 + 27 + 90 + 100 \\ &:= 1^6 + 1^7 + 3^5 + 6^0 + 13^1 = 16 + 17 + 35 + 60 + 131 \\ &:= 1^6 + 1^9 + 2^7 + 2^7 + 17^0 = 16 + 19 + 27 + 27 + 170 \\ &:= 1^7 + 1^8 + 2^7 + 2^7 + 17^0 = 17 + 18 + 27 + 27 + 170 \\ &:= 1^7 + 2^2 + 2^7 + 5^3 + 14^0 = 17 + 22 + 27 + 53 + 140 \\ &:= 1^7 + 2^3 + 2^7 + 8^0 + 11^2 = 17 + 23 + 27 + 80 + 112 \\ &:= 1^8 + 2^5 + 3^4 + 6^0 + 12^2 = 18 + 25 + 34 + 60 + 122 \\ &:= 1^8 + 2^7 + 4^1 + 5^3 + 12^0 = 18 + 27 + 41 + 53 + 120 \\ &:= 1^9 + 2^0 + 2^6 + 7^2 + 12^2 = 19 + 20 + 26 + 72 + 122 \\ &:= 1^9 + 2^0 + 2^7 + 8^1 + 11^2 = 19 + 20 + 27 + 81 + 112 \\ &:= 1^9 + 2^4 + 2^4 + 4^0 + 15^2 = 19 + 24 + 24 + 40 + 152 \\ &:= 1^9 + 2^5 + 3^2 + 6^3 + 12^0 = 19 + 25 + 32 + 63 + 120 \\ &:= 1^9 + 2^5 + 5^3 + 6^0 + 10^2 = 19 + 25 + 53 + 60 + 102 \\ &:= 2^0 + 2^3 + 3^5 + 6^1 + 12^0 = 20 + 23 + 35 + 61 + 120 \\ &:= 2^0 + 2^4 + 5^2 + 6^3 + 10^0 = 20 + 24 + 52 + 63 + 100 \\ &:= 2^0 + 2^5 + 6^0 + 6^3 + 9^1 = 20 + 25 + 60 + 63 + 91 \\ &:= 2^1 + 2^1 + 3^3 + 6^3 + 12^1 = 21 + 21 + 33 + 63 + 121 \\ &:= 2^1 + 2^1 + 3^4 + 5^1 + 13^2 = 21 + 21 + 34 + 51 + 132 \end{aligned}$$

$$\begin{aligned}
 &:= 2^1 + 2^1 + 5^3 + 7^2 + 9^2 = 21 + 21 + 53 + 72 + 92 \\
 &:= 2^1 + 2^2 + 3^5 + 9^0 + 9^1 = 21 + 22 + 35 + 90 + 91 \\
 &:= 2^1 + 3^1 + 3^3 + 6^3 + 11^1 = 21 + 31 + 33 + 63 + 111 \\
 &:= 2^1 + 3^1 + 3^4 + 4^1 + 13^2 = 21 + 31 + 34 + 41 + 132 \\
 &:= 2^1 + 3^2 + 3^5 + 4^1 + 13^0 = 21 + 32 + 35 + 41 + 130 \\
 &:= 2^1 + 3^3 + 4^1 + 6^3 + 10^1 = 21 + 33 + 41 + 63 + 101 \\
 &:= 2^1 + 3^3 + 5^1 + 6^3 + 9^1 = 21 + 33 + 51 + 63 + 91 \\
 &:= 2^1 + 3^3 + 6^1 + 6^3 + 8^1 = 21 + 33 + 61 + 63 + 81 \\
 &:= 2^1 + 3^3 + 6^3 + 7^1 + 7^1 = 21 + 33 + 63 + 71 + 71 \\
 &:= 2^1 + 4^2 + 4^2 + 6^3 + 9^1 = 21 + 42 + 42 + 63 + 91 \\
 &:= 2^2 + 3^0 + 3^3 + 6^3 + 11^1 = 22 + 30 + 33 + 63 + 111 \\
 &:= 2^2 + 3^0 + 3^4 + 4^1 + 13^2 = 22 + 30 + 34 + 41 + 132 \\
 &:= 2^2 + 3^1 + 3^5 + 8^1 + 9^0 = 22 + 31 + 35 + 81 + 90 \\
 &:= 2^2 + 3^5 + 4^1 + 7^1 + 9^0 = 22 + 35 + 41 + 71 + 90 \\
 &:= 2^2 + 3^5 + 5^1 + 6^1 + 9^0 = 22 + 35 + 51 + 61 + 90 \\
 &:= 2^2 + 4^1 + 5^3 + 5^3 + 9^0 = 22 + 41 + 53 + 53 + 90 \\
 &:= 2^3 + 3^0 + 3^5 + 6^1 + 11^0 = 23 + 30 + 35 + 61 + 110 \\
 &:= 2^3 + 3^0 + 4^1 + 5^3 + 11^2 = 23 + 30 + 41 + 53 + 112 \\
 &:= 2^3 + 3^0 + 5^2 + 6^3 + 9^1 = 23 + 30 + 52 + 63 + 91 \\
 &:= 2^3 + 3^5 + 4^0 + 6^1 + 10^0 = 23 + 35 + 40 + 61 + 100 \\
 &:= 2^3 + 3^5 + 5^0 + 6^1 + 9^0 = 23 + 35 + 50 + 61 + 90 \\
 &:= 2^3 + 3^5 + 6^0 + 6^1 + 8^0 = 23 + 35 + 60 + 61 + 80 \\
 &:= 2^3 + 3^5 + 6^1 + 7^0 + 7^0 = 23 + 35 + 61 + 70 + 70
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^4 + 3^0 + 5^2 + 6^3 + 9^0 = 24 + 30 + 52 + 63 + 90 \\
 &:= 2^4 + 4^0 + 5^2 + 6^3 + 8^0 = 24 + 40 + 52 + 63 + 80 \\
 &:= 2^4 + 5^0 + 5^2 + 6^3 + 7^0 = 24 + 50 + 52 + 63 + 70 \\
 &:= 2^4 + 5^2 + 6^0 + 6^0 + 6^3 = 24 + 52 + 60 + 60 + 63 \\
 &:= 2^5 + 2^6 + 3^4 + 3^4 + 14^0 = 25 + 26 + 34 + 34 + 140 \\
 &:= 2^5 + 3^0 + 5^0 + 6^3 + 9^1 = 25 + 30 + 50 + 63 + 91 \\
 &:= 2^5 + 4^0 + 4^0 + 6^3 + 9^1 = 25 + 40 + 40 + 63 + 91 \\
 &:= 3^0 + 4^3 + 5^1 + 5^3 + 8^2 = 30 + 43 + 51 + 53 + 82 \\
 &:= 3^1 + 3^1 + 3^1 + 3^4 + 13^2 = 31 + 31 + 31 + 34 + 132 \\
 &:= 3^1 + 3^1 + 3^2 + 3^5 + 13^0 = 31 + 31 + 32 + 35 + 130 \\
 &:= 3^1 + 3^1 + 3^3 + 6^3 + 10^1 = 31 + 31 + 33 + 63 + 101 \\
 &:= 3^1 + 3^3 + 4^1 + 6^3 + 9^1 = 31 + 33 + 41 + 63 + 91 \\
 &:= 3^1 + 3^3 + 5^1 + 6^3 + 8^1 = 31 + 33 + 51 + 63 + 81 \\
 &:= 3^1 + 3^3 + 6^1 + 6^3 + 7^1 = 31 + 33 + 61 + 63 + 71 \\
 &:= 3^1 + 4^2 + 4^2 + 6^3 + 8^1 = 31 + 42 + 42 + 63 + 81 \\
 &:= 3^2 + 3^3 + 6^1 + 6^3 + 7^0 = 32 + 33 + 61 + 63 + 70 \\
 &:= 3^3 + 4^1 + 4^1 + 6^3 + 8^1 = 33 + 41 + 41 + 63 + 81 \\
 &:= 3^3 + 4^1 + 5^1 + 6^3 + 7^1 = 33 + 41 + 51 + 63 + 71 \\
 &:= 3^3 + 4^1 + 6^1 + 6^1 + 6^3 = 33 + 41 + 61 + 61 + 63 \\
 &:= 3^3 + 5^1 + 5^1 + 6^1 + 6^3 = 33 + 51 + 51 + 61 + 63 \\
 &:= 4^1 + 4^2 + 4^2 + 6^3 + 7^1 = 41 + 42 + 42 + 63 + 71 \\
 &:= 4^2 + 4^2 + 5^1 + 6^1 + 6^3 = 42 + 42 + 51 + 61 + 63
 \end{aligned}$$

2.2.161 Number 260

$$\begin{aligned}
 260 &:= 1^1 + 2^1 + 2^8 + 20^0 = 11 + 21 + 28 + 200 \\
 &:= 1^4 + 3^5 + 6^0 + 15^1 = 14 + 35 + 60 + 151 \\
 &:= 1^5 + 2^1 + 4^4 + 18^0 = 15 + 21 + 44 + 180 \\
 &:= 1^7 + 2^1 + 6^0 + 16^2 = 17 + 21 + 60 + 162 \\
 &:= 2^0 + 2^7 + 10^1 + 11^2 = 20 + 27 + 101 + 112 \\
 &:= 2^4 + 3^3 + 6^3 + 14^0 = 24 + 33 + 63 + 140 \\
 &:= 1^0 + 1^0 + 1^2 + 2^8 + 20^0 = 10 + 10 + 12 + 28 + 200 \\
 &:= 1^0 + 1^0 + 1^6 + 4^4 + 18^0 = 10 + 10 + 16 + 44 + 180 \\
 &:= 1^0 + 1^0 + 1^8 + 6^0 + 16^2 = 10 + 10 + 18 + 60 + 162 \\
 &:= 1^0 + 1^1 + 1^1 + 2^8 + 20^0 = 10 + 11 + 11 + 28 + 200 \\
 &:= 1^0 + 1^1 + 1^5 + 4^4 + 18^0 = 10 + 11 + 15 + 44 + 180 \\
 &:= 1^0 + 1^1 + 1^7 + 6^0 + 16^2 = 10 + 11 + 17 + 60 + 162
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^2 + 1^4 + 4^4 + 18^0 = 10 + 12 + 14 + 44 + 180 \\
 &:= 1^0 + 1^2 + 1^6 + 6^0 + 16^2 = 10 + 12 + 16 + 60 + 162 \\
 &:= 1^0 + 1^2 + 2^0 + 2^8 + 19^0 = 10 + 12 + 20 + 28 + 190 \\
 &:= 1^0 + 1^2 + 2^8 + 10^0 + 11^0 = 10 + 12 + 28 + 100 + 110 \\
 &:= 1^0 + 1^2 + 2^8 + 3^0 + 18^0 = 10 + 12 + 28 + 30 + 180 \\
 &:= 1^0 + 1^2 + 2^8 + 4^0 + 17^0 = 10 + 12 + 28 + 40 + 170 \\
 &:= 1^0 + 1^2 + 2^8 + 5^0 + 16^0 = 10 + 12 + 28 + 50 + 160 \\
 &:= 1^0 + 1^2 + 2^8 + 6^0 + 15^0 = 10 + 12 + 28 + 60 + 150 \\
 &:= 1^0 + 1^2 + 2^8 + 7^0 + 14^0 = 10 + 12 + 28 + 70 + 140 \\
 &:= 1^0 + 1^2 + 2^8 + 8^0 + 13^0 = 10 + 12 + 28 + 80 + 130 \\
 &:= 1^0 + 1^2 + 2^8 + 9^0 + 12^0 = 10 + 12 + 28 + 90 + 120 \\
 &:= 1^0 + 1^3 + 1^3 + 4^4 + 18^0 = 10 + 13 + 13 + 44 + 180
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^3 + 1^5 + 6^0 + 16^2 = 10 + 13 + 15 + 60 + 162 \\ &:= 1^0 + 1^3 + 1^9 + 2^8 + 19^0 = 10 + 13 + 19 + 28 + 190 \\ &:= 1^0 + 1^3 + 2^5 + 6^0 + 15^2 = 10 + 13 + 25 + 60 + 152 \\ &:= 1^0 + 1^4 + 1^4 + 6^0 + 16^2 = 10 + 14 + 14 + 60 + 162 \\ &:= 1^0 + 1^4 + 1^8 + 2^8 + 19^0 = 10 + 14 + 18 + 28 + 190 \\ &:= 1^0 + 1^4 + 3^5 + 6^0 + 14^1 = 10 + 14 + 35 + 60 + 141 \\ &:= 1^0 + 1^5 + 1^7 + 2^8 + 19^0 = 10 + 15 + 17 + 28 + 190 \\ &:= 1^0 + 1^6 + 1^6 + 2^8 + 19^0 = 10 + 16 + 16 + 28 + 190 \\ &:= 1^0 + 1^6 + 2^0 + 4^4 + 17^0 = 10 + 16 + 20 + 44 + 170 \\ &:= 1^0 + 1^6 + 3^0 + 4^4 + 16^0 = 10 + 16 + 30 + 44 + 160 \\ &:= 1^0 + 1^6 + 4^0 + 4^4 + 15^0 = 10 + 16 + 40 + 44 + 150 \\ &:= 1^0 + 1^6 + 4^4 + 5^0 + 14^0 = 10 + 16 + 44 + 50 + 140 \\ &:= 1^0 + 1^6 + 4^4 + 6^0 + 13^0 = 10 + 16 + 44 + 60 + 130 \\ &:= 1^0 + 1^6 + 4^4 + 7^0 + 12^0 = 10 + 16 + 44 + 70 + 120 \\ &:= 1^0 + 1^6 + 4^4 + 8^0 + 11^0 = 10 + 16 + 44 + 80 + 110 \\ &:= 1^0 + 1^6 + 4^4 + 9^0 + 10^0 = 10 + 16 + 44 + 90 + 100 \\ &:= 1^0 + 1^7 + 1^9 + 4^4 + 17^0 = 10 + 17 + 19 + 44 + 170 \\ &:= 1^0 + 1^8 + 1^8 + 4^4 + 17^0 = 10 + 18 + 18 + 44 + 170 \\ &:= 1^0 + 1^8 + 2^0 + 5^0 + 16^2 = 10 + 18 + 20 + 50 + 162 \\ &:= 1^0 + 1^8 + 3^0 + 4^0 + 16^2 = 10 + 18 + 30 + 40 + 162 \\ &:= 1^0 + 1^9 + 1^9 + 5^0 + 16^2 = 10 + 19 + 19 + 50 + 162 \\ &:= 1^0 + 2^0 + 2^7 + 9^1 + 11^2 = 10 + 20 + 27 + 91 + 112 \\ &:= 1^0 + 2^6 + 4^0 + 5^2 + 13^2 = 10 + 26 + 40 + 52 + 132 \\ &:= 1^1 + 1^1 + 1^4 + 4^4 + 18^0 = 11 + 11 + 14 + 44 + 180 \\ &:= 1^1 + 1^1 + 1^6 + 6^0 + 16^2 = 11 + 11 + 16 + 60 + 162 \\ &:= 1^1 + 1^1 + 2^0 + 2^8 + 19^0 = 11 + 11 + 20 + 28 + 190 \\ &:= 1^1 + 1^1 + 2^8 + 10^0 + 11^0 = 11 + 11 + 28 + 100 + 110 \\ &:= 1^1 + 1^1 + 2^8 + 3^0 + 18^0 = 11 + 11 + 28 + 30 + 180 \\ &:= 1^1 + 1^1 + 2^8 + 4^0 + 17^0 = 11 + 11 + 28 + 40 + 170 \\ &:= 1^1 + 1^1 + 2^8 + 5^0 + 16^0 = 11 + 11 + 28 + 50 + 160 \\ &:= 1^1 + 1^1 + 2^8 + 6^0 + 15^0 = 11 + 11 + 28 + 60 + 150 \\ &:= 1^1 + 1^1 + 2^8 + 7^0 + 14^0 = 11 + 11 + 28 + 70 + 140 \\ &:= 1^1 + 1^1 + 2^8 + 8^0 + 13^0 = 11 + 11 + 28 + 80 + 130 \\ &:= 1^1 + 1^1 + 2^8 + 9^0 + 12^0 = 11 + 11 + 28 + 90 + 120 \\ &:= 1^1 + 1^2 + 1^3 + 4^4 + 18^0 = 11 + 12 + 13 + 44 + 180 \\ &:= 1^1 + 1^2 + 1^5 + 6^0 + 16^2 = 11 + 12 + 15 + 60 + 162 \\ &:= 1^1 + 1^2 + 1^9 + 2^8 + 19^0 = 11 + 12 + 19 + 28 + 190 \\ &:= 1^1 + 1^2 + 2^5 + 6^0 + 15^2 = 11 + 12 + 25 + 60 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^3 + 1^4 + 6^0 + 16^2 = 11 + 13 + 14 + 60 + 162 \\ &:= 1^1 + 1^3 + 1^8 + 2^8 + 19^0 = 11 + 13 + 18 + 28 + 190 \\ &:= 1^1 + 1^3 + 3^5 + 6^0 + 14^1 = 11 + 13 + 35 + 60 + 141 \\ &:= 1^1 + 1^4 + 1^7 + 2^8 + 19^0 = 11 + 14 + 17 + 28 + 190 \\ &:= 1^1 + 1^5 + 1^6 + 2^8 + 19^0 = 11 + 15 + 16 + 28 + 190 \\ &:= 1^1 + 1^5 + 2^0 + 4^4 + 17^0 = 11 + 15 + 20 + 44 + 170 \\ &:= 1^1 + 1^5 + 3^0 + 4^4 + 16^0 = 11 + 15 + 30 + 44 + 160 \\ &:= 1^1 + 1^5 + 4^0 + 4^4 + 15^0 = 11 + 15 + 40 + 44 + 150 \\ &:= 1^1 + 1^5 + 4^4 + 5^0 + 14^0 = 11 + 15 + 44 + 50 + 140 \\ &:= 1^1 + 1^5 + 4^4 + 6^0 + 13^0 = 11 + 15 + 44 + 60 + 130 \\ &:= 1^1 + 1^5 + 4^4 + 7^0 + 12^0 = 11 + 15 + 44 + 70 + 120 \\ &:= 1^1 + 1^5 + 4^4 + 8^0 + 11^0 = 11 + 15 + 44 + 80 + 110 \\ &:= 1^1 + 1^5 + 4^4 + 9^0 + 10^0 = 11 + 15 + 44 + 90 + 100 \\ &:= 1^1 + 1^6 + 1^9 + 4^4 + 17^0 = 11 + 16 + 19 + 44 + 170 \\ &:= 1^1 + 1^7 + 1^8 + 4^4 + 17^0 = 11 + 17 + 18 + 44 + 170 \\ &:= 1^1 + 1^7 + 2^0 + 5^0 + 16^2 = 11 + 17 + 20 + 50 + 162 \\ &:= 1^1 + 1^7 + 3^0 + 4^0 + 16^2 = 11 + 17 + 30 + 40 + 162 \\ &:= 1^1 + 1^8 + 1^9 + 5^0 + 16^2 = 11 + 18 + 19 + 50 + 162 \\ &:= 1^1 + 1^9 + 2^7 + 9^1 + 11^2 = 11 + 19 + 27 + 91 + 112 \\ &:= 1^1 + 2^3 + 3^4 + 6^0 + 13^2 = 11 + 23 + 34 + 60 + 132 \\ &:= 1^1 + 2^3 + 3^5 + 7^1 + 12^0 = 11 + 23 + 35 + 71 + 120 \\ &:= 1^1 + 2^3 + 5^3 + 5^3 + 12^0 = 11 + 23 + 53 + 53 + 120 \\ &:= 1^1 + 2^5 + 6^0 + 6^3 + 10^1 = 11 + 25 + 60 + 63 + 101 \\ &:= 1^2 + 1^2 + 1^2 + 4^4 + 18^0 = 12 + 12 + 12 + 44 + 180 \\ &:= 1^2 + 1^2 + 1^4 + 6^0 + 16^2 = 12 + 12 + 14 + 60 + 162 \\ &:= 1^2 + 1^2 + 1^8 + 2^8 + 19^0 = 12 + 12 + 18 + 28 + 190 \\ &:= 1^2 + 1^2 + 3^5 + 6^0 + 14^1 = 12 + 12 + 35 + 60 + 141 \\ &:= 1^2 + 1^3 + 1^3 + 6^0 + 16^2 = 12 + 13 + 13 + 60 + 162 \\ &:= 1^2 + 1^3 + 1^7 + 2^8 + 19^0 = 12 + 13 + 17 + 28 + 190 \\ &:= 1^2 + 1^4 + 1^6 + 2^8 + 19^0 = 12 + 14 + 16 + 28 + 190 \\ &:= 1^2 + 1^4 + 2^0 + 4^4 + 17^0 = 12 + 14 + 20 + 44 + 170 \\ &:= 1^2 + 1^4 + 3^0 + 4^4 + 16^0 = 12 + 14 + 30 + 44 + 160 \\ &:= 1^2 + 1^4 + 4^0 + 4^4 + 15^0 = 12 + 14 + 40 + 44 + 150 \\ &:= 1^2 + 1^4 + 4^4 + 5^0 + 14^0 = 12 + 14 + 44 + 50 + 140 \\ &:= 1^2 + 1^4 + 4^4 + 6^0 + 13^0 = 12 + 14 + 44 + 60 + 130 \\ &:= 1^2 + 1^4 + 4^4 + 7^0 + 12^0 = 12 + 14 + 44 + 70 + 120 \\ &:= 1^2 + 1^4 + 4^4 + 8^0 + 11^0 = 12 + 14 + 44 + 80 + 110 \\ &:= 1^2 + 1^4 + 4^4 + 9^0 + 10^0 = 12 + 14 + 44 + 90 + 100 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^5 + 1^5 + 2^8 + 19^0 = 12 + 15 + 15 + 28 + 190 \\ &:= 1^2 + 1^5 + 1^9 + 4^4 + 17^0 = 12 + 15 + 19 + 44 + 170 \\ &:= 1^2 + 1^6 + 1^8 + 4^4 + 17^0 = 12 + 16 + 18 + 44 + 170 \\ &:= 1^2 + 1^6 + 2^0 + 5^0 + 16^2 = 12 + 16 + 20 + 50 + 162 \\ &:= 1^2 + 1^6 + 3^0 + 4^0 + 16^2 = 12 + 16 + 30 + 40 + 162 \\ &:= 1^2 + 1^7 + 1^7 + 4^4 + 17^0 = 12 + 17 + 17 + 44 + 170 \\ &:= 1^2 + 1^7 + 1^9 + 5^0 + 16^2 = 12 + 17 + 19 + 50 + 162 \\ &:= 1^2 + 1^8 + 1^8 + 5^0 + 16^2 = 12 + 18 + 18 + 50 + 162 \\ &:= 1^2 + 1^8 + 2^7 + 9^1 + 11^2 = 12 + 18 + 27 + 91 + 112 \\ &:= 1^2 + 2^0 + 2^0 + 2^8 + 18^0 = 12 + 20 + 20 + 28 + 180 \\ &:= 1^2 + 2^0 + 2^8 + 10^0 + 10^0 = 12 + 20 + 28 + 100 + 100 \\ &:= 1^2 + 2^0 + 2^8 + 3^0 + 17^0 = 12 + 20 + 28 + 30 + 170 \\ &:= 1^2 + 2^0 + 2^8 + 4^0 + 16^0 = 12 + 20 + 28 + 40 + 160 \\ &:= 1^2 + 2^0 + 2^8 + 5^0 + 15^0 = 12 + 20 + 28 + 50 + 150 \\ &:= 1^2 + 2^0 + 2^8 + 6^0 + 14^0 = 12 + 20 + 28 + 60 + 140 \\ &:= 1^2 + 2^0 + 2^8 + 7^0 + 13^0 = 12 + 20 + 28 + 70 + 130 \\ &:= 1^2 + 2^0 + 2^8 + 8^0 + 12^0 = 12 + 20 + 28 + 80 + 120 \\ &:= 1^2 + 2^0 + 2^8 + 9^0 + 11^0 = 12 + 20 + 28 + 90 + 110 \\ &:= 1^2 + 2^2 + 3^5 + 8^0 + 11^1 = 12 + 22 + 35 + 80 + 111 \\ &:= 1^2 + 2^8 + 3^0 + 3^0 + 16^0 = 12 + 28 + 30 + 30 + 160 \\ &:= 1^2 + 2^8 + 3^0 + 4^0 + 15^0 = 12 + 28 + 30 + 40 + 150 \\ &:= 1^2 + 2^8 + 3^0 + 5^0 + 14^0 = 12 + 28 + 30 + 50 + 140 \\ &:= 1^2 + 2^8 + 3^0 + 6^0 + 13^0 = 12 + 28 + 30 + 60 + 130 \\ &:= 1^2 + 2^8 + 3^0 + 7^0 + 12^0 = 12 + 28 + 30 + 70 + 120 \\ &:= 1^2 + 2^8 + 3^0 + 8^0 + 11^0 = 12 + 28 + 30 + 80 + 110 \\ &:= 1^2 + 2^8 + 3^0 + 9^0 + 10^0 = 12 + 28 + 30 + 90 + 100 \\ &:= 1^2 + 2^8 + 4^0 + 4^0 + 14^0 = 12 + 28 + 40 + 40 + 140 \\ &:= 1^2 + 2^8 + 4^0 + 5^0 + 13^0 = 12 + 28 + 40 + 50 + 130 \\ &:= 1^2 + 2^8 + 4^0 + 6^0 + 12^0 = 12 + 28 + 40 + 60 + 120 \\ &:= 1^2 + 2^8 + 4^0 + 7^0 + 11^0 = 12 + 28 + 40 + 70 + 110 \\ &:= 1^2 + 2^8 + 4^0 + 8^0 + 10^0 = 12 + 28 + 40 + 80 + 100 \\ &:= 1^2 + 2^8 + 4^0 + 9^0 + 9^0 = 12 + 28 + 40 + 90 + 90 \\ &:= 1^2 + 2^8 + 5^0 + 5^0 + 12^0 = 12 + 28 + 50 + 50 + 120 \\ &:= 1^2 + 2^8 + 5^0 + 6^0 + 11^0 = 12 + 28 + 50 + 60 + 110 \\ &:= 1^2 + 2^8 + 5^0 + 7^0 + 10^0 = 12 + 28 + 50 + 70 + 100 \\ &:= 1^2 + 2^8 + 5^0 + 8^0 + 9^0 = 12 + 28 + 50 + 80 + 90 \\ &:= 1^2 + 2^8 + 6^0 + 6^0 + 10^0 = 12 + 28 + 60 + 60 + 100 \\ &:= 1^2 + 2^8 + 6^0 + 7^0 + 9^0 = 12 + 28 + 60 + 70 + 90 \\ &:= 1^2 + 2^8 + 6^0 + 8^0 + 8^0 = 12 + 28 + 60 + 80 + 80 \\ &:= 1^2 + 2^8 + 7^0 + 7^0 + 8^0 = 12 + 28 + 70 + 70 + 80 \\ &:= 1^2 + 3^2 + 3^5 + 6^1 + 12^0 = 12 + 32 + 35 + 61 + 120 \\ &:= 1^3 + 1^3 + 1^6 + 2^8 + 19^0 = 13 + 13 + 16 + 28 + 190 \\ &:= 1^3 + 1^3 + 2^0 + 4^4 + 17^0 = 13 + 13 + 20 + 44 + 170 \\ &:= 1^3 + 1^3 + 3^0 + 4^4 + 16^0 = 13 + 13 + 30 + 44 + 160 \\ &:= 1^3 + 1^3 + 4^0 + 4^4 + 15^0 = 13 + 13 + 40 + 44 + 150 \\ &:= 1^3 + 1^3 + 4^4 + 5^0 + 14^0 = 13 + 13 + 44 + 50 + 140 \\ &:= 1^3 + 1^3 + 4^4 + 6^0 + 13^0 = 13 + 13 + 44 + 60 + 130 \\ &:= 1^3 + 1^3 + 4^4 + 7^0 + 12^0 = 13 + 13 + 44 + 70 + 120 \\ &:= 1^3 + 1^3 + 4^4 + 8^0 + 11^0 = 13 + 13 + 44 + 80 + 110 \\ &:= 1^3 + 1^3 + 4^4 + 9^0 + 10^0 = 13 + 13 + 44 + 90 + 100 \\ &:= 1^3 + 1^4 + 1^5 + 2^8 + 19^0 = 13 + 14 + 15 + 28 + 190 \\ &:= 1^3 + 1^4 + 1^9 + 4^4 + 17^0 = 13 + 14 + 19 + 44 + 170 \\ &:= 1^3 + 1^5 + 1^8 + 4^4 + 17^0 = 13 + 15 + 18 + 44 + 170 \\ &:= 1^3 + 1^5 + 2^0 + 5^0 + 16^2 = 13 + 15 + 20 + 50 + 162 \\ &:= 1^3 + 1^5 + 3^0 + 4^0 + 16^2 = 13 + 15 + 30 + 40 + 162 \\ &:= 1^3 + 1^6 + 1^7 + 4^4 + 17^0 = 13 + 16 + 17 + 44 + 170 \\ &:= 1^3 + 1^6 + 1^9 + 5^0 + 16^2 = 13 + 16 + 19 + 50 + 162 \\ &:= 1^3 + 1^7 + 1^8 + 5^0 + 16^2 = 13 + 17 + 18 + 50 + 162 \\ &:= 1^3 + 1^7 + 2^7 + 9^1 + 11^2 = 13 + 17 + 27 + 91 + 112 \\ &:= 1^3 + 1^9 + 2^0 + 2^8 + 18^0 = 13 + 19 + 20 + 28 + 180 \\ &:= 1^3 + 1^9 + 2^8 + 10^0 + 10^0 = 13 + 19 + 28 + 100 + 100 \\ &:= 1^3 + 1^9 + 2^8 + 3^0 + 17^0 = 13 + 19 + 28 + 30 + 170 \\ &:= 1^3 + 1^9 + 2^8 + 4^0 + 16^0 = 13 + 19 + 28 + 40 + 160 \\ &:= 1^3 + 1^9 + 2^8 + 5^0 + 15^0 = 13 + 19 + 28 + 50 + 150 \\ &:= 1^3 + 1^9 + 2^8 + 6^0 + 14^0 = 13 + 19 + 28 + 60 + 140 \\ &:= 1^3 + 1^9 + 2^8 + 7^0 + 13^0 = 13 + 19 + 28 + 70 + 130 \\ &:= 1^3 + 1^9 + 2^8 + 8^0 + 12^0 = 13 + 19 + 28 + 80 + 120 \\ &:= 1^3 + 1^9 + 2^8 + 9^0 + 11^0 = 13 + 19 + 28 + 90 + 110 \\ &:= 1^3 + 2^0 + 2^3 + 5^2 + 15^2 = 13 + 20 + 23 + 52 + 152 \\ &:= 1^3 + 2^0 + 2^5 + 5^0 + 15^2 = 13 + 20 + 25 + 50 + 152 \\ &:= 1^3 + 2^0 + 4^3 + 5^2 + 13^2 = 13 + 20 + 43 + 52 + 132 \\ &:= 1^3 + 2^1 + 3^5 + 6^0 + 13^1 = 13 + 21 + 35 + 60 + 131 \\ &:= 1^3 + 2^5 + 3^0 + 4^0 + 15^2 = 13 + 25 + 30 + 40 + 152 \\ &:= 1^3 + 3^1 + 3^5 + 6^0 + 12^1 = 13 + 31 + 35 + 60 + 121 \\ &:= 1^3 + 3^5 + 4^1 + 6^0 + 11^1 = 13 + 35 + 41 + 60 + 111 \\ &:= 1^3 + 3^5 + 5^1 + 6^0 + 10^1 = 13 + 35 + 51 + 60 + 101 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 3^5 + 6^0 + 6^1 + 9^1 = 13 + 35 + 60 + 61 + 91 & &:= 1^5 + 1^7 + 2^8 + 6^0 + 14^0 = 15 + 17 + 28 + 60 + 140 \\ &:= 1^3 + 3^5 + 6^0 + 7^1 + 8^1 = 13 + 35 + 60 + 71 + 81 & &:= 1^5 + 1^7 + 2^8 + 7^0 + 13^0 = 15 + 17 + 28 + 70 + 130 \\ &:= 1^3 + 5^3 + 5^3 + 6^0 + 8^1 = 13 + 53 + 53 + 60 + 81 & &:= 1^5 + 1^7 + 2^8 + 8^0 + 12^0 = 15 + 17 + 28 + 80 + 120 \\ &:= 1^4 + 1^4 + 1^4 + 2^8 + 19^0 = 14 + 14 + 14 + 28 + 190 & &:= 1^5 + 1^7 + 2^8 + 9^0 + 11^0 = 15 + 17 + 28 + 90 + 110 \\ &:= 1^4 + 1^4 + 1^8 + 4^4 + 17^0 = 14 + 14 + 18 + 44 + 170 & &:= 1^5 + 1^8 + 1^9 + 2^8 + 18^0 = 15 + 18 + 19 + 28 + 180 \\ &:= 1^4 + 1^4 + 2^0 + 5^0 + 16^2 = 14 + 14 + 20 + 50 + 162 & &:= 1^5 + 1^8 + 2^3 + 5^2 + 15^2 = 15 + 18 + 23 + 52 + 152 \\ &:= 1^4 + 1^4 + 3^0 + 4^0 + 16^2 = 14 + 14 + 30 + 40 + 162 & &:= 1^5 + 1^8 + 2^5 + 5^0 + 15^2 = 15 + 18 + 25 + 50 + 152 \\ &:= 1^4 + 1^5 + 1^7 + 4^4 + 17^0 = 14 + 15 + 17 + 44 + 170 & &:= 1^5 + 1^8 + 4^3 + 5^2 + 13^2 = 15 + 18 + 43 + 52 + 132 \\ &:= 1^4 + 1^5 + 1^9 + 5^0 + 16^2 = 14 + 15 + 19 + 50 + 162 & &:= 1^5 + 1^9 + 3^5 + 5^0 + 14^1 = 15 + 19 + 35 + 50 + 141 \\ &:= 1^4 + 1^6 + 1^6 + 4^4 + 17^0 = 14 + 16 + 16 + 44 + 170 & &:= 1^5 + 2^1 + 2^7 + 2^7 + 17^0 = 15 + 21 + 27 + 27 + 170 \\ &:= 1^4 + 1^6 + 1^8 + 5^0 + 16^2 = 14 + 16 + 18 + 50 + 162 & &:= 1^6 + 1^6 + 1^6 + 5^0 + 16^2 = 16 + 16 + 16 + 50 + 162 \\ &:= 1^4 + 1^6 + 2^7 + 9^1 + 11^2 = 14 + 16 + 27 + 91 + 112 & &:= 1^6 + 1^6 + 2^0 + 2^8 + 18^0 = 16 + 16 + 20 + 28 + 180 \\ &:= 1^4 + 1^7 + 1^7 + 5^0 + 16^2 = 14 + 17 + 17 + 50 + 162 & &:= 1^6 + 1^6 + 2^8 + 10^0 + 10^0 = 16 + 16 + 28 + 100 + 100 \\ &:= 1^4 + 1^8 + 2^0 + 2^8 + 18^0 = 14 + 18 + 20 + 28 + 180 & &:= 1^6 + 1^6 + 2^8 + 3^0 + 17^0 = 16 + 16 + 28 + 30 + 170 \\ &:= 1^4 + 1^8 + 2^8 + 10^0 + 10^0 = 14 + 18 + 28 + 100 + 100 & &:= 1^6 + 1^6 + 2^8 + 4^0 + 16^0 = 16 + 16 + 28 + 40 + 160 \\ &:= 1^4 + 1^8 + 2^8 + 3^0 + 17^0 = 14 + 18 + 28 + 30 + 170 & &:= 1^6 + 1^6 + 2^8 + 5^0 + 15^0 = 16 + 16 + 28 + 50 + 150 \\ &:= 1^4 + 1^8 + 2^8 + 4^0 + 16^0 = 14 + 18 + 28 + 40 + 160 & &:= 1^6 + 1^6 + 2^8 + 6^0 + 14^0 = 16 + 16 + 28 + 60 + 140 \\ &:= 1^4 + 1^8 + 2^8 + 5^0 + 15^0 = 14 + 18 + 28 + 50 + 150 & &:= 1^6 + 1^6 + 2^8 + 7^0 + 13^0 = 16 + 16 + 28 + 70 + 130 \\ &:= 1^4 + 1^8 + 2^8 + 6^0 + 14^0 = 14 + 18 + 28 + 60 + 140 & &:= 1^6 + 1^6 + 2^8 + 8^0 + 12^0 = 16 + 16 + 28 + 80 + 120 \\ &:= 1^4 + 1^8 + 2^8 + 7^0 + 13^0 = 14 + 18 + 28 + 70 + 130 & &:= 1^6 + 1^6 + 2^8 + 9^0 + 11^0 = 16 + 16 + 28 + 90 + 110 \\ &:= 1^4 + 1^8 + 2^8 + 8^0 + 12^0 = 14 + 18 + 28 + 80 + 120 & &:= 1^6 + 1^7 + 1^9 + 2^8 + 18^0 = 16 + 17 + 19 + 28 + 180 \\ &:= 1^4 + 1^8 + 2^8 + 9^0 + 11^0 = 14 + 18 + 28 + 90 + 110 & &:= 1^6 + 1^7 + 2^3 + 5^2 + 15^2 = 16 + 17 + 23 + 52 + 152 \\ &:= 1^4 + 1^9 + 1^9 + 2^8 + 18^0 = 14 + 19 + 19 + 28 + 180 & &:= 1^6 + 1^7 + 2^5 + 5^0 + 15^2 = 16 + 17 + 25 + 50 + 152 \\ &:= 1^4 + 1^9 + 2^3 + 5^2 + 15^2 = 14 + 19 + 23 + 52 + 152 & &:= 1^6 + 1^7 + 4^3 + 5^2 + 13^2 = 16 + 17 + 43 + 52 + 132 \\ &:= 1^4 + 1^9 + 2^5 + 5^0 + 15^2 = 14 + 19 + 25 + 50 + 152 & &:= 1^6 + 1^8 + 1^8 + 2^8 + 18^0 = 16 + 18 + 18 + 28 + 180 \\ &:= 1^4 + 1^9 + 4^3 + 5^2 + 13^2 = 14 + 19 + 43 + 52 + 132 & &:= 1^6 + 1^8 + 3^5 + 5^0 + 14^1 = 16 + 18 + 35 + 50 + 141 \\ &:= 1^4 + 2^0 + 3^5 + 5^0 + 14^1 = 14 + 20 + 35 + 50 + 141 & &:= 1^6 + 2^0 + 2^0 + 4^4 + 16^0 = 16 + 20 + 20 + 44 + 160 \\ &:= 1^4 + 3^0 + 3^5 + 4^0 + 14^1 = 14 + 30 + 35 + 40 + 141 & &:= 1^6 + 2^0 + 3^0 + 4^4 + 15^0 = 16 + 20 + 30 + 44 + 150 \\ &:= 1^4 + 6^0 + 6^1 + 6^2 + 6^3 = 14 + 60 + 61 + 62 + 63 & &:= 1^6 + 2^0 + 4^0 + 4^4 + 14^0 = 16 + 20 + 40 + 44 + 140 \\ &:= 1^5 + 1^5 + 1^6 + 4^4 + 17^0 = 15 + 15 + 16 + 44 + 170 & &:= 1^6 + 2^0 + 4^4 + 5^0 + 13^0 = 16 + 20 + 44 + 50 + 130 \\ &:= 1^5 + 1^5 + 1^8 + 5^0 + 16^2 = 15 + 15 + 18 + 50 + 162 & &:= 1^6 + 2^0 + 4^4 + 6^0 + 12^0 = 16 + 20 + 44 + 60 + 120 \\ &:= 1^5 + 1^5 + 2^7 + 9^1 + 11^2 = 15 + 15 + 27 + 91 + 112 & &:= 1^6 + 2^0 + 4^4 + 7^0 + 11^0 = 16 + 20 + 44 + 70 + 110 \\ &:= 1^5 + 1^6 + 1^7 + 5^0 + 16^2 = 15 + 16 + 17 + 50 + 162 & &:= 1^6 + 2^0 + 4^4 + 8^0 + 10^0 = 16 + 20 + 44 + 80 + 100 \\ &:= 1^5 + 1^7 + 2^0 + 2^8 + 18^0 = 15 + 17 + 20 + 28 + 180 & &:= 1^6 + 2^0 + 4^4 + 9^0 + 9^0 = 16 + 20 + 44 + 90 + 90 \\ &:= 1^5 + 1^7 + 2^8 + 10^0 + 10^0 = 15 + 17 + 28 + 100 + 100 & &:= 1^6 + 3^0 + 3^0 + 4^4 + 14^0 = 16 + 30 + 30 + 44 + 140 \\ &:= 1^5 + 1^7 + 2^8 + 3^0 + 17^0 = 15 + 17 + 28 + 30 + 170 & &:= 1^6 + 3^0 + 4^0 + 4^4 + 13^0 = 16 + 30 + 40 + 44 + 130 \\ &:= 1^5 + 1^7 + 2^8 + 4^0 + 16^0 = 15 + 17 + 28 + 40 + 160 & &:= 1^6 + 3^0 + 4^4 + 5^0 + 12^0 = 16 + 30 + 44 + 50 + 120 \\ &:= 1^5 + 1^7 + 2^8 + 5^0 + 15^0 = 15 + 17 + 28 + 50 + 150 & &:= 1^6 + 3^0 + 4^4 + 6^0 + 11^0 = 16 + 30 + 44 + 60 + 110 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 3^0 + 4^4 + 7^0 + 10^0 = 16 + 30 + 44 + 70 + 100 & &:= 1^8 + 2^7 + 5^2 + 6^1 + 10^2 = 18 + 27 + 52 + 61 + 102 \\ &:= 1^6 + 3^0 + 4^4 + 8^0 + 9^0 = 16 + 30 + 44 + 80 + 90 & &:= 1^9 + 1^9 + 2^0 + 4^0 + 16^2 = 19 + 19 + 20 + 40 + 162 \\ &:= 1^6 + 4^0 + 4^0 + 4^4 + 12^0 = 16 + 40 + 40 + 44 + 120 & &:= 1^9 + 1^9 + 3^0 + 3^0 + 16^2 = 19 + 19 + 30 + 30 + 162 \\ &:= 1^6 + 4^0 + 4^4 + 5^0 + 11^0 = 16 + 40 + 44 + 50 + 110 & &:= 1^9 + 2^1 + 2^6 + 7^2 + 12^2 = 19 + 21 + 26 + 72 + 122 \\ &:= 1^6 + 4^0 + 4^4 + 6^0 + 10^0 = 16 + 40 + 44 + 60 + 100 & &:= 1^9 + 2^1 + 2^7 + 8^1 + 11^2 = 19 + 21 + 27 + 81 + 112 \\ &:= 1^6 + 4^0 + 4^4 + 7^0 + 9^0 = 16 + 40 + 44 + 70 + 90 & &:= 1^9 + 2^3 + 3^4 + 7^2 + 11^2 = 19 + 23 + 34 + 72 + 112 \\ &:= 1^6 + 4^0 + 4^4 + 8^0 + 8^0 = 16 + 40 + 44 + 80 + 80 & &:= 1^9 + 2^5 + 3^3 + 4^1 + 14^2 = 19 + 25 + 33 + 41 + 142 \\ &:= 1^6 + 4^4 + 5^0 + 5^0 + 10^0 = 16 + 44 + 50 + 50 + 100 & &:= 1^9 + 2^7 + 3^1 + 7^1 + 11^2 = 19 + 27 + 31 + 71 + 112 \\ &:= 1^6 + 4^4 + 5^0 + 6^0 + 9^0 = 16 + 44 + 50 + 60 + 90 & &:= 1^9 + 2^7 + 3^2 + 7^0 + 11^2 = 19 + 27 + 32 + 70 + 112 \\ &:= 1^6 + 4^4 + 5^0 + 7^0 + 8^0 = 16 + 44 + 50 + 70 + 80 & &:= 1^9 + 2^7 + 4^1 + 6^1 + 11^2 = 19 + 27 + 41 + 61 + 112 \\ &:= 1^6 + 4^4 + 6^0 + 6^0 + 8^0 = 16 + 44 + 60 + 60 + 80 & &:= 1^9 + 2^7 + 5^0 + 7^2 + 9^2 = 19 + 27 + 50 + 72 + 92 \\ &:= 1^6 + 4^4 + 6^0 + 7^0 + 7^0 = 16 + 44 + 60 + 70 + 70 & &:= 1^9 + 2^7 + 5^1 + 5^1 + 11^2 = 19 + 27 + 51 + 51 + 112 \\ &:= 1^7 + 1^7 + 1^8 + 2^8 + 18^0 = 17 + 17 + 18 + 28 + 180 & &:= 1^9 + 2^7 + 5^1 + 5^3 + 11^0 = 19 + 27 + 51 + 53 + 110 \\ &:= 1^7 + 1^7 + 3^5 + 5^0 + 14^1 = 17 + 17 + 35 + 50 + 141 & &:= 2^0 + 2^4 + 3^2 + 3^2 + 15^2 = 20 + 24 + 32 + 32 + 152 \\ &:= 1^7 + 1^9 + 2^0 + 4^4 + 16^0 = 17 + 19 + 20 + 44 + 160 & &:= 2^0 + 2^4 + 4^2 + 6^3 + 11^1 = 20 + 24 + 42 + 63 + 111 \\ &:= 1^7 + 1^9 + 3^0 + 4^4 + 15^0 = 17 + 19 + 30 + 44 + 150 & &:= 2^0 + 2^6 + 3^0 + 5^2 + 13^2 = 20 + 26 + 30 + 52 + 132 \\ &:= 1^7 + 1^9 + 4^0 + 4^4 + 14^0 = 17 + 19 + 40 + 44 + 140 & &:= 2^0 + 3^2 + 3^3 + 3^3 + 14^2 = 20 + 32 + 33 + 33 + 142 \\ &:= 1^7 + 1^9 + 4^4 + 5^0 + 13^0 = 17 + 19 + 44 + 50 + 130 & &:= 2^0 + 3^2 + 3^4 + 5^2 + 12^2 = 20 + 32 + 34 + 52 + 122 \\ &:= 1^7 + 1^9 + 4^4 + 6^0 + 12^0 = 17 + 19 + 44 + 60 + 120 & &:= 2^1 + 2^3 + 3^5 + 6^1 + 12^0 = 21 + 23 + 35 + 61 + 120 \\ &:= 1^7 + 1^9 + 4^4 + 7^0 + 11^0 = 17 + 19 + 44 + 70 + 110 & &:= 2^1 + 2^4 + 5^2 + 6^3 + 10^0 = 21 + 24 + 52 + 63 + 100 \\ &:= 1^7 + 1^9 + 4^4 + 8^0 + 10^0 = 17 + 19 + 44 + 80 + 100 & &:= 2^1 + 2^5 + 6^0 + 6^3 + 9^1 = 21 + 25 + 60 + 63 + 91 \\ &:= 1^7 + 1^9 + 4^4 + 9^0 + 9^0 = 17 + 19 + 44 + 90 + 90 & &:= 2^2 + 2^2 + 3^5 + 8^1 + 10^0 = 22 + 22 + 35 + 81 + 100 \\ &:= 1^7 + 2^7 + 3^4 + 7^2 + 11^0 = 17 + 27 + 34 + 72 + 110 & &:= 2^2 + 3^1 + 3^2 + 3^5 + 14^0 = 22 + 31 + 32 + 35 + 140 \\ &:= 1^8 + 1^8 + 2^0 + 4^4 + 16^0 = 18 + 18 + 20 + 44 + 160 & &:= 2^3 + 3^1 + 3^5 + 5^1 + 12^0 = 23 + 31 + 35 + 51 + 120 \\ &:= 1^8 + 1^8 + 3^0 + 4^4 + 15^0 = 18 + 18 + 30 + 44 + 150 & &:= 2^3 + 3^3 + 6^0 + 6^3 + 8^1 = 23 + 33 + 60 + 63 + 81 \\ &:= 1^8 + 1^8 + 4^0 + 4^4 + 14^0 = 18 + 18 + 40 + 44 + 140 & &:= 2^3 + 3^5 + 4^1 + 4^1 + 12^0 = 23 + 35 + 41 + 41 + 120 \\ &:= 1^8 + 1^8 + 4^4 + 5^0 + 13^0 = 18 + 18 + 44 + 50 + 130 & &:= 2^5 + 3^1 + 6^0 + 6^3 + 8^1 = 25 + 31 + 60 + 63 + 81 \\ &:= 1^8 + 1^8 + 4^4 + 6^0 + 12^0 = 18 + 18 + 44 + 60 + 120 & &:= 2^5 + 4^1 + 6^0 + 6^3 + 7^1 = 25 + 41 + 60 + 63 + 71 \\ &:= 1^8 + 1^8 + 4^4 + 7^0 + 11^0 = 18 + 18 + 44 + 70 + 110 & &:= 2^5 + 5^1 + 6^0 + 6^1 + 6^3 = 25 + 51 + 60 + 61 + 63 \\ &:= 1^8 + 1^8 + 4^4 + 8^0 + 10^0 = 18 + 18 + 44 + 80 + 100 & &:= 2^6 + 2^6 + 2^7 + 3^1 + 15^0 = 26 + 26 + 27 + 31 + 150 \\ &:= 1^8 + 1^8 + 4^4 + 9^0 + 9^0 = 18 + 18 + 44 + 90 + 90 & &:= 2^6 + 2^7 + 3^3 + 3^3 + 14^1 = 26 + 27 + 33 + 33 + 141 \\ &:= 1^8 + 1^9 + 1^9 + 4^4 + 16^0 = 18 + 19 + 19 + 44 + 160 & &:= 3^4 + 4^1 + 5^3 + 6^0 + 7^2 = 34 + 41 + 53 + 60 + 72 \\ &:= 1^8 + 2^0 + 2^0 + 4^0 + 16^2 = 18 + 20 + 20 + 40 + 162 & &:= 4^3 + 4^3 + 5^3 + 6^0 + 6^1 = 43 + 43 + 53 + 60 + 61 \\ &:= 1^8 + 2^0 + 3^0 + 3^0 + 16^2 = 18 + 20 + 30 + 30 + 162 \\ &:= 1^8 + 2^4 + 3^4 + 9^2 + 9^2 = 18 + 24 + 34 + 92 + 92 \end{aligned}$$

$$\begin{aligned}
 261 &:= 1^1 + 2^7 + 11^1 + 11^2 &= 11 + 27 + 111 + 112 &:= 1^1 + 1^1 + 2^1 + 2^8 + 19^0 &= 11 + 11 + 21 + 28 + 190 \\
 &:= 1^2 + 2^4 + 3^5 + 19^0 &= 12 + 24 + 35 + 190 &:= 1^1 + 1^3 + 3^3 + 6^2 + 14^2 &= 11 + 13 + 33 + 62 + 142 \\
 &:= 1^2 + 2^8 + 3^1 + 19^0 &= 12 + 28 + 31 + 190 &:= 1^1 + 1^4 + 3^2 + 5^2 + 15^2 &= 11 + 14 + 32 + 52 + 152 \\
 &:= 1^3 + 2^4 + 10^2 + 12^2 &= 13 + 24 + 102 + 122 &:= 1^1 + 1^4 + 3^5 + 5^0 + 15^1 &= 11 + 14 + 35 + 50 + 151 \\
 &:= 1^4 + 3^3 + 8^2 + 13^2 &= 14 + 33 + 82 + 132 &:= 1^1 + 1^5 + 2^1 + 4^4 + 17^0 &= 11 + 15 + 21 + 44 + 170 \\
 &:= 1^4 + 3^5 + 4^2 + 17^0 &= 14 + 35 + 42 + 170 &:= 1^1 + 1^7 + 2^1 + 5^0 + 16^2 &= 11 + 17 + 21 + 50 + 162 \\
 &:= 1^5 + 3^5 + 5^0 + 16^1 &= 15 + 35 + 50 + 161 &:= 1^1 + 2^4 + 3^3 + 6^3 + 13^0 &= 11 + 24 + 33 + 63 + 130 \\
 &:= 1^6 + 3^1 + 4^4 + 17^0 &= 16 + 31 + 44 + 170 &:= 1^1 + 2^4 + 4^2 + 6^3 + 12^1 &= 11 + 24 + 42 + 63 + 121 \\
 &:= 1^8 + 3^1 + 5^0 + 16^2 &= 18 + 31 + 50 + 162 &:= 1^1 + 3^2 + 3^4 + 7^2 + 11^2 &= 11 + 32 + 34 + 72 + 112 \\
 &:= 2^1 + 2^7 + 10^1 + 11^2 &= 21 + 27 + 101 + 112 &:= 1^1 + 3^3 + 4^3 + 5^2 + 12^2 &= 11 + 33 + 43 + 52 + 122 \\
 &:= 2^2 + 2^5 + 9^2 + 12^2 &= 22 + 25 + 92 + 122 &:= 1^2 + 1^2 + 3^3 + 6^2 + 14^2 &= 12 + 12 + 33 + 62 + 142 \\
 &:= 2^4 + 3^3 + 7^2 + 13^2 &= 24 + 33 + 72 + 132 &:= 1^2 + 1^3 + 3^2 + 5^2 + 15^2 &= 12 + 13 + 32 + 52 + 152 \\
 &:= 2^4 + 4^3 + 9^2 + 10^2 &= 24 + 43 + 92 + 102 &:= 1^2 + 1^3 + 3^5 + 5^0 + 15^1 &= 12 + 13 + 35 + 50 + 151 \\
 &:= 2^5 + 3^3 + 6^1 + 14^2 &= 25 + 33 + 61 + 142 &:= 1^2 + 1^4 + 2^1 + 4^4 + 17^0 &= 12 + 14 + 21 + 44 + 170 \\
 &:= 2^6 + 3^3 + 7^0 + 13^2 &= 26 + 33 + 70 + 132 &:= 1^2 + 1^6 + 2^1 + 5^0 + 16^2 &= 12 + 16 + 21 + 50 + 162 \\
 &:= 2^6 + 4^1 + 7^2 + 12^2 &= 26 + 41 + 72 + 122 &:= 1^2 + 2^0 + 2^1 + 2^8 + 18^0 &= 12 + 20 + 21 + 28 + 180 \\
 &:= 2^7 + 3^1 + 9^1 + 11^2 &= 27 + 31 + 91 + 112 &:= 1^2 + 2^1 + 2^8 + 10^0 + 10^0 &= 12 + 21 + 28 + 100 + 100 \\
 &:= 2^7 + 4^1 + 8^1 + 11^2 &= 27 + 41 + 81 + 112 &:= 1^2 + 2^1 + 2^8 + 3^0 + 17^0 &= 12 + 21 + 28 + 30 + 170 \\
 &:= 2^7 + 5^1 + 7^1 + 11^2 &= 27 + 51 + 71 + 112 &:= 1^2 + 2^1 + 2^8 + 4^0 + 16^0 &= 12 + 21 + 28 + 40 + 160 \\
 &:= 2^7 + 5^3 + 7^1 + 11^0 &= 27 + 53 + 71 + 110 &:= 1^2 + 2^1 + 2^8 + 5^0 + 15^0 &= 12 + 21 + 28 + 50 + 150 \\
 &:= 2^7 + 6^1 + 6^1 + 11^2 &= 27 + 61 + 61 + 112 &:= 1^2 + 2^1 + 2^8 + 6^0 + 14^0 &= 12 + 21 + 28 + 60 + 140 \\
 &:= 1^0 + 1^1 + 2^7 + 10^1 + 11^2 &= 10 + 11 + 27 + 101 + 112 &:= 1^2 + 2^1 + 2^8 + 7^0 + 13^0 &= 12 + 21 + 28 + 70 + 130 \\
 &:= 1^0 + 1^2 + 2^1 + 2^8 + 19^0 &= 10 + 12 + 21 + 28 + 190 &:= 1^2 + 2^1 + 2^8 + 8^0 + 12^0 &= 12 + 21 + 28 + 80 + 120 \\
 &:= 1^0 + 1^4 + 3^3 + 6^2 + 14^2 &= 10 + 14 + 33 + 62 + 142 &:= 1^2 + 2^1 + 2^8 + 9^0 + 11^0 &= 12 + 21 + 28 + 90 + 110 \\
 &:= 1^0 + 1^5 + 3^2 + 5^2 + 15^2 &= 10 + 15 + 32 + 52 + 152 &:= 1^2 + 2^2 + 3^3 + 6^3 + 13^1 &= 12 + 22 + 33 + 63 + 131 \\
 &:= 1^0 + 1^5 + 3^5 + 5^0 + 15^1 &= 10 + 15 + 35 + 50 + 151 &:= 1^2 + 2^2 + 3^4 + 6^1 + 13^2 &= 12 + 22 + 34 + 61 + 132 \\
 &:= 1^0 + 1^6 + 2^1 + 4^4 + 17^0 &= 10 + 16 + 21 + 44 + 170 &:= 1^2 + 2^3 + 3^5 + 8^1 + 11^0 &= 12 + 23 + 35 + 81 + 110 \\
 &:= 1^0 + 1^8 + 2^1 + 5^0 + 16^2 &= 10 + 18 + 21 + 50 + 162 &:= 1^2 + 2^3 + 5^2 + 6^3 + 11^1 &= 12 + 23 + 52 + 63 + 111 \\
 &:= 1^0 + 2^1 + 2^7 + 9^1 + 11^2 &= 10 + 21 + 27 + 91 + 112 &:= 1^2 + 2^3 + 5^3 + 6^1 + 11^2 &= 12 + 23 + 53 + 61 + 112 \\
 &:= 1^0 + 2^3 + 2^3 + 3^5 + 17^0 &= 10 + 23 + 23 + 35 + 170 &:= 1^2 + 2^4 + 3^1 + 4^2 + 15^2 &= 12 + 24 + 31 + 42 + 152 \\
 &:= 1^0 + 2^4 + 4^3 + 6^2 + 12^2 &= 10 + 24 + 43 + 62 + 122 &:= 1^2 + 2^5 + 5^0 + 6^3 + 11^1 &= 12 + 25 + 50 + 63 + 111 \\
 &:= 1^0 + 2^5 + 3^3 + 5^1 + 14^2 &= 10 + 25 + 33 + 51 + 142 &:= 1^2 + 4^3 + 5^3 + 7^1 + 8^2 &= 12 + 43 + 53 + 71 + 82 \\
 &:= 1^0 + 2^5 + 4^2 + 4^2 + 14^2 &= 10 + 25 + 42 + 42 + 142 &:= 1^3 + 1^3 + 2^1 + 4^4 + 17^0 &= 13 + 13 + 21 + 44 + 170 \\
 &:= 1^0 + 2^6 + 3^1 + 7^2 + 12^2 &= 10 + 26 + 31 + 72 + 122 &:= 1^3 + 1^5 + 2^1 + 5^0 + 16^2 &= 13 + 15 + 21 + 50 + 162 \\
 &:= 1^0 + 2^7 + 3^1 + 8^1 + 11^2 &= 10 + 27 + 31 + 81 + 112 &:= 1^3 + 1^9 + 2^1 + 2^8 + 18^0 &= 13 + 19 + 21 + 28 + 180 \\
 &:= 1^0 + 2^7 + 4^1 + 7^1 + 11^2 &= 10 + 27 + 41 + 71 + 112 &:= 1^3 + 2^1 + 2^3 + 5^2 + 15^2 &= 13 + 21 + 23 + 52 + 152 \\
 &:= 1^0 + 2^7 + 5^1 + 6^1 + 11^2 &= 10 + 27 + 51 + 61 + 112 &:= 1^3 + 2^1 + 2^5 + 5^0 + 15^2 &= 13 + 21 + 25 + 50 + 152 \\
 &:= 1^0 + 2^7 + 5^3 + 6^1 + 11^0 &= 10 + 27 + 53 + 61 + 110 &:= 1^3 + 2^1 + 4^3 + 5^2 + 13^2 &= 13 + 21 + 43 + 52 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^2 + 3^3 + 4^1 + 15^2 = 13 + 22 + 33 + 41 + 152 \\ &:= 1^3 + 2^2 + 3^5 + 7^0 + 12^1 = 13 + 22 + 35 + 70 + 121 \\ &:= 1^3 + 3^2 + 3^4 + 5^0 + 13^2 = 13 + 32 + 34 + 50 + 132 \\ &:= 1^3 + 3^2 + 3^5 + 7^1 + 11^0 = 13 + 32 + 35 + 71 + 110 \\ &:= 1^3 + 3^2 + 5^1 + 5^3 + 11^2 = 13 + 32 + 51 + 53 + 112 \\ &:= 1^3 + 3^2 + 5^2 + 6^3 + 10^1 = 13 + 32 + 52 + 63 + 101 \\ &:= 1^3 + 3^2 + 5^3 + 5^3 + 11^0 = 13 + 32 + 53 + 53 + 110 \\ &:= 1^3 + 3^3 + 4^2 + 6^3 + 11^0 = 13 + 33 + 42 + 63 + 110 \\ &:= 1^4 + 1^4 + 2^1 + 5^0 + 16^2 = 14 + 14 + 21 + 50 + 162 \\ &:= 1^4 + 1^8 + 2^1 + 2^8 + 18^0 = 14 + 18 + 21 + 28 + 180 \\ &:= 1^4 + 2^1 + 3^5 + 5^0 + 14^1 = 14 + 21 + 35 + 50 + 141 \\ &:= 1^4 + 3^1 + 3^5 + 5^0 + 13^1 = 14 + 31 + 35 + 50 + 131 \\ &:= 1^4 + 3^5 + 4^1 + 5^0 + 12^1 = 14 + 35 + 41 + 50 + 121 \\ &:= 1^4 + 3^5 + 5^0 + 5^1 + 11^1 = 14 + 35 + 50 + 51 + 111 \\ &:= 1^4 + 3^5 + 5^0 + 6^1 + 10^1 = 14 + 35 + 50 + 61 + 101 \\ &:= 1^4 + 3^5 + 5^0 + 7^1 + 9^1 = 14 + 35 + 50 + 71 + 91 \\ &:= 1^4 + 3^5 + 5^0 + 8^1 + 8^1 = 14 + 35 + 50 + 81 + 81 \\ &:= 1^4 + 5^0 + 5^3 + 5^3 + 9^1 = 14 + 50 + 53 + 53 + 91 \\ &:= 1^5 + 1^7 + 2^1 + 2^8 + 18^0 = 15 + 17 + 21 + 28 + 180 \\ &:= 1^5 + 2^0 + 3^5 + 4^0 + 15^1 = 15 + 20 + 35 + 40 + 151 \\ &:= 1^5 + 3^0 + 3^0 + 3^5 + 15^1 = 15 + 30 + 30 + 35 + 151 \\ &:= 1^5 + 5^0 + 6^2 + 6^3 + 7^1 = 15 + 50 + 62 + 63 + 71 \\ &:= 1^6 + 1^6 + 2^1 + 2^8 + 18^0 = 16 + 16 + 21 + 28 + 180 \\ &:= 1^6 + 1^9 + 3^5 + 4^0 + 15^1 = 16 + 19 + 35 + 40 + 151 \\ &:= 1^6 + 2^0 + 2^1 + 4^4 + 16^0 = 16 + 20 + 21 + 44 + 160 \\ &:= 1^6 + 2^1 + 3^0 + 4^4 + 15^0 = 16 + 21 + 30 + 44 + 150 \\ &:= 1^6 + 2^1 + 4^0 + 4^4 + 14^0 = 16 + 21 + 40 + 44 + 140 \\ &:= 1^6 + 2^1 + 4^4 + 5^0 + 13^0 = 16 + 21 + 44 + 50 + 130 \\ &:= 1^6 + 2^1 + 4^4 + 6^0 + 12^0 = 16 + 21 + 44 + 60 + 120 \\ &:= 1^6 + 2^1 + 4^4 + 7^0 + 11^0 = 16 + 21 + 44 + 70 + 110 \\ &:= 1^6 + 2^1 + 4^4 + 8^0 + 10^0 = 16 + 21 + 44 + 80 + 100 \\ &:= 1^6 + 2^1 + 4^4 + 9^0 + 9^0 = 16 + 21 + 44 + 90 + 90 \\ &:= 1^6 + 2^7 + 2^7 + 3^1 + 16^0 = 16 + 27 + 27 + 31 + 160 \\ &:= 1^7 + 1^8 + 3^5 + 4^0 + 15^1 = 17 + 18 + 35 + 40 + 151 \\ &:= 1^7 + 1^9 + 2^1 + 4^4 + 16^0 = 17 + 19 + 21 + 44 + 160 \\ &:= 1^8 + 1^8 + 2^1 + 4^4 + 16^0 = 18 + 18 + 21 + 44 + 160 \\ &:= 1^8 + 2^0 + 2^1 + 4^0 + 16^2 = 18 + 20 + 21 + 40 + 162 \\ &:= 1^8 + 2^1 + 3^0 + 3^0 + 16^2 = 18 + 21 + 30 + 30 + 162 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 1^9 + 2^1 + 4^0 + 16^2 = 19 + 19 + 21 + 40 + 162 \\ &:= 2^0 + 2^3 + 2^3 + 3^5 + 16^0 = 20 + 23 + 23 + 35 + 160 \\ &:= 2^0 + 2^7 + 5^3 + 6^1 + 10^0 = 20 + 27 + 53 + 61 + 100 \\ &:= 2^1 + 2^4 + 3^2 + 3^2 + 15^2 = 21 + 24 + 32 + 32 + 152 \\ &:= 2^1 + 2^4 + 4^2 + 6^3 + 11^1 = 21 + 24 + 42 + 63 + 111 \\ &:= 2^1 + 2^6 + 3^0 + 5^2 + 13^2 = 21 + 26 + 30 + 52 + 132 \\ &:= 2^1 + 3^2 + 3^3 + 3^3 + 14^2 = 21 + 32 + 33 + 33 + 142 \\ &:= 2^1 + 3^2 + 3^4 + 5^2 + 12^2 = 21 + 32 + 34 + 52 + 122 \\ &:= 2^2 + 2^2 + 3^2 + 3^5 + 15^0 = 22 + 22 + 32 + 35 + 150 \\ &:= 2^2 + 2^2 + 5^3 + 8^2 + 8^2 = 22 + 22 + 53 + 82 + 82 \\ &:= 2^2 + 2^3 + 3^5 + 5^1 + 13^0 = 22 + 23 + 35 + 51 + 130 \\ &:= 2^2 + 2^5 + 6^3 + 7^0 + 8^1 = 22 + 25 + 63 + 70 + 81 \\ &:= 2^2 + 2^6 + 2^6 + 2^7 + 16^0 = 22 + 26 + 26 + 27 + 160 \\ &:= 2^2 + 3^3 + 5^1 + 5^3 + 10^2 = 22 + 33 + 51 + 53 + 102 \\ &:= 2^2 + 4^2 + 4^2 + 5^3 + 10^2 = 22 + 42 + 42 + 53 + 102 \\ &:= 2^3 + 2^3 + 3^0 + 3^5 + 15^0 = 23 + 23 + 30 + 35 + 150 \\ &:= 2^3 + 2^3 + 3^5 + 4^0 + 14^0 = 23 + 23 + 35 + 40 + 140 \\ &:= 2^3 + 2^3 + 3^5 + 5^0 + 13^0 = 23 + 23 + 35 + 50 + 130 \\ &:= 2^3 + 2^3 + 3^5 + 6^0 + 12^0 = 23 + 23 + 35 + 60 + 120 \\ &:= 2^3 + 2^3 + 3^5 + 7^0 + 11^0 = 23 + 23 + 35 + 70 + 110 \\ &:= 2^3 + 2^3 + 3^5 + 8^0 + 10^0 = 23 + 23 + 35 + 80 + 100 \\ &:= 2^3 + 2^3 + 3^5 + 9^0 + 9^0 = 23 + 23 + 35 + 90 + 90 \\ &:= 2^3 + 3^1 + 5^2 + 5^3 + 10^2 = 23 + 31 + 52 + 53 + 102 \\ &:= 2^3 + 3^2 + 3^3 + 6^3 + 11^0 = 23 + 32 + 33 + 63 + 110 \\ &:= 2^3 + 3^3 + 5^0 + 5^3 + 10^2 = 23 + 33 + 50 + 53 + 102 \\ &:= 2^4 + 2^4 + 3^0 + 3^1 + 15^2 = 24 + 24 + 30 + 31 + 152 \\ &:= 2^4 + 3^1 + 4^2 + 6^3 + 10^1 = 24 + 31 + 42 + 63 + 101 \\ &:= 2^4 + 4^1 + 4^2 + 6^3 + 9^1 = 24 + 41 + 42 + 63 + 91 \\ &:= 2^4 + 4^2 + 5^1 + 6^3 + 8^1 = 24 + 42 + 51 + 63 + 81 \\ &:= 2^4 + 4^2 + 6^1 + 6^3 + 7^1 = 24 + 42 + 61 + 63 + 71 \\ &:= 2^5 + 3^1 + 3^2 + 6^3 + 11^0 = 25 + 31 + 32 + 63 + 110 \\ &:= 2^5 + 3^1 + 5^0 + 5^3 + 10^2 = 25 + 31 + 50 + 53 + 102 \\ &:= 2^7 + 3^0 + 5^3 + 6^1 + 9^0 = 27 + 30 + 53 + 61 + 90 \\ &:= 2^7 + 4^0 + 5^3 + 6^1 + 8^0 = 27 + 40 + 53 + 61 + 80 \\ &:= 2^7 + 5^0 + 5^3 + 6^1 + 7^0 = 27 + 50 + 53 + 61 + 70 \\ &:= 2^7 + 5^3 + 6^0 + 6^0 + 6^1 = 27 + 53 + 60 + 60 + 61 \\ &:= 3^1 + 3^2 + 4^3 + 4^3 + 11^2 = 31 + 32 + 43 + 43 + 112 \\ &:= 3^1 + 3^3 + 5^2 + 5^3 + 9^2 = 31 + 33 + 52 + 53 + 92 \end{aligned}$$

$$:= 3^3 + 3^3 + 5^0 + 5^3 + 9^2 = 33 + 33 + 50 + 53 + 92$$

2.2.163 Number 262

$$\begin{aligned}
 262 &:= 1^2 + 2^2 + 2^8 + 20^0 = 12 + 22 + 28 + 200 \\
 &:= 1^3 + 2^8 + 4^1 + 18^0 = 13 + 28 + 41 + 180 \\
 &:= 1^4 + 2^6 + 8^0 + 14^2 = 14 + 26 + 80 + 142 \\
 &:= 1^6 + 2^2 + 4^4 + 18^0 = 16 + 22 + 44 + 180 \\
 &:= 1^6 + 3^5 + 4^0 + 17^1 = 16 + 35 + 40 + 171 \\
 &:= 1^7 + 4^1 + 4^4 + 16^0 = 17 + 41 + 44 + 160 \\
 &:= 1^7 + 4^3 + 6^0 + 14^2 = 17 + 43 + 60 + 142 \\
 &:= 1^8 + 2^0 + 8^2 + 14^2 = 18 + 20 + 82 + 142 \\
 &:= 1^8 + 2^2 + 6^0 + 16^2 = 18 + 22 + 60 + 162 \\
 &:= 1^9 + 1^9 + 8^2 + 14^2 = 19 + 19 + 82 + 142 \\
 &:= 1^9 + 4^0 + 4^1 + 16^2 = 19 + 40 + 41 + 162 \\
 &:= 1^0 + 1^3 + 2^4 + 3^5 + 18^0 = 10 + 13 + 24 + 35 + 180 \\
 &:= 1^0 + 1^3 + 2^8 + 3^1 + 18^0 = 10 + 13 + 28 + 31 + 180 \\
 &:= 1^0 + 1^5 + 3^5 + 4^2 + 16^0 = 10 + 15 + 35 + 42 + 160 \\
 &:= 1^0 + 1^6 + 3^5 + 4^0 + 16^1 = 10 + 16 + 35 + 40 + 161 \\
 &:= 1^0 + 1^7 + 3^1 + 4^4 + 16^0 = 10 + 17 + 31 + 44 + 160 \\
 &:= 1^0 + 1^9 + 3^1 + 4^0 + 16^2 = 10 + 19 + 31 + 40 + 162 \\
 &:= 1^0 + 2^5 + 2^5 + 6^0 + 14^2 = 10 + 25 + 25 + 60 + 142 \\
 &:= 1^1 + 1^2 + 2^4 + 3^5 + 18^0 = 11 + 12 + 24 + 35 + 180 \\
 &:= 1^1 + 1^2 + 2^8 + 3^1 + 18^0 = 11 + 12 + 28 + 31 + 180 \\
 &:= 1^1 + 1^4 + 3^5 + 4^2 + 16^0 = 11 + 14 + 35 + 42 + 160 \\
 &:= 1^1 + 1^5 + 3^5 + 4^0 + 16^1 = 11 + 15 + 35 + 40 + 161 \\
 &:= 1^1 + 1^6 + 3^1 + 4^4 + 16^0 = 11 + 16 + 31 + 44 + 160 \\
 &:= 1^1 + 1^8 + 3^1 + 4^0 + 16^2 = 11 + 18 + 31 + 40 + 162 \\
 &:= 1^1 + 2^6 + 3^3 + 6^0 + 13^2 = 11 + 26 + 33 + 60 + 132 \\
 &:= 1^1 + 2^7 + 5^3 + 7^1 + 10^0 = 11 + 27 + 53 + 71 + 100 \\
 &:= 1^2 + 1^3 + 3^5 + 4^2 + 16^0 = 12 + 13 + 35 + 42 + 160 \\
 &:= 1^2 + 1^4 + 3^5 + 4^0 + 16^1 = 12 + 14 + 35 + 40 + 161 \\
 &:= 1^2 + 1^5 + 3^1 + 4^4 + 16^0 = 12 + 15 + 31 + 44 + 160 \\
 &:= 1^2 + 1^7 + 3^1 + 4^0 + 16^2 = 12 + 17 + 31 + 40 + 162 \\
 &:= 1^2 + 2^1 + 2^1 + 2^8 + 18^0 = 12 + 21 + 21 + 28 + 180 \\
 &:= 1^2 + 2^3 + 3^2 + 3^5 + 16^0 = 12 + 23 + 32 + 35 + 160 \\
 &:= 1^3 + 1^3 + 3^5 + 4^0 + 16^1 = 13 + 13 + 35 + 40 + 161 \\
 &:= 1^3 + 1^4 + 3^1 + 4^4 + 16^0 = 13 + 14 + 31 + 44 + 160 \\
 &:= 1^3 + 1^6 + 3^1 + 4^0 + 16^2 = 13 + 16 + 31 + 40 + 162
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 2^0 + 2^4 + 3^5 + 17^0 = 13 + 20 + 24 + 35 + 170 \\
 &:= 1^3 + 2^0 + 2^8 + 3^1 + 17^0 = 13 + 20 + 28 + 31 + 170 \\
 &:= 1^3 + 2^3 + 3^5 + 9^1 + 10^0 = 13 + 23 + 35 + 91 + 100 \\
 &:= 1^3 + 2^4 + 3^0 + 3^5 + 16^0 = 13 + 24 + 30 + 35 + 160 \\
 &:= 1^3 + 2^4 + 3^5 + 4^0 + 15^0 = 13 + 24 + 35 + 40 + 150 \\
 &:= 1^3 + 2^4 + 3^5 + 5^0 + 14^0 = 13 + 24 + 35 + 50 + 140 \\
 &:= 1^3 + 2^4 + 3^5 + 6^0 + 13^0 = 13 + 24 + 35 + 60 + 130 \\
 &:= 1^3 + 2^4 + 3^5 + 7^0 + 12^0 = 13 + 24 + 35 + 70 + 120 \\
 &:= 1^3 + 2^4 + 3^5 + 8^0 + 11^0 = 13 + 24 + 35 + 80 + 110 \\
 &:= 1^3 + 2^4 + 3^5 + 9^0 + 10^0 = 13 + 24 + 35 + 90 + 100 \\
 &:= 1^3 + 2^5 + 4^0 + 6^3 + 12^1 = 13 + 25 + 40 + 63 + 121 \\
 &:= 1^3 + 2^8 + 3^0 + 3^1 + 16^0 = 13 + 28 + 30 + 31 + 160 \\
 &:= 1^3 + 2^8 + 3^1 + 4^0 + 15^0 = 13 + 28 + 31 + 40 + 150 \\
 &:= 1^3 + 2^8 + 3^1 + 5^0 + 14^0 = 13 + 28 + 31 + 50 + 140 \\
 &:= 1^3 + 2^8 + 3^1 + 6^0 + 13^0 = 13 + 28 + 31 + 60 + 130 \\
 &:= 1^3 + 2^8 + 3^1 + 7^0 + 12^0 = 13 + 28 + 31 + 70 + 120 \\
 &:= 1^3 + 2^8 + 3^1 + 8^0 + 11^0 = 13 + 28 + 31 + 80 + 110 \\
 &:= 1^3 + 2^8 + 3^1 + 9^0 + 10^0 = 13 + 28 + 31 + 90 + 100 \\
 &:= 1^4 + 1^5 + 3^1 + 4^0 + 16^2 = 14 + 15 + 31 + 40 + 162 \\
 &:= 1^4 + 1^9 + 2^4 + 3^5 + 17^0 = 14 + 19 + 24 + 35 + 170 \\
 &:= 1^4 + 1^9 + 2^8 + 3^1 + 17^0 = 14 + 19 + 28 + 31 + 170 \\
 &:= 1^4 + 2^2 + 3^5 + 6^0 + 13^1 = 14 + 22 + 35 + 60 + 131 \\
 &:= 1^4 + 2^3 + 3^3 + 4^0 + 15^2 = 14 + 23 + 33 + 40 + 152 \\
 &:= 1^4 + 2^3 + 6^2 + 6^3 + 10^0 = 14 + 23 + 62 + 63 + 100 \\
 &:= 1^4 + 2^5 + 3^1 + 4^0 + 15^2 = 14 + 25 + 31 + 40 + 152 \\
 &:= 1^4 + 3^2 + 3^5 + 8^1 + 10^0 = 14 + 32 + 35 + 81 + 100 \\
 &:= 1^4 + 3^3 + 4^0 + 4^3 + 13^2 = 14 + 33 + 40 + 43 + 132 \\
 &:= 1^5 + 1^8 + 2^4 + 3^5 + 17^0 = 15 + 18 + 24 + 35 + 170 \\
 &:= 1^5 + 1^8 + 2^8 + 3^1 + 17^0 = 15 + 18 + 28 + 31 + 170 \\
 &:= 1^5 + 2^0 + 3^5 + 4^2 + 15^0 = 15 + 20 + 35 + 42 + 150 \\
 &:= 1^5 + 2^1 + 3^5 + 4^0 + 15^1 = 15 + 21 + 35 + 40 + 151 \\
 &:= 1^5 + 3^0 + 3^5 + 4^2 + 14^0 = 15 + 30 + 35 + 42 + 140 \\
 &:= 1^5 + 3^1 + 3^5 + 4^0 + 14^1 = 15 + 31 + 35 + 40 + 141 \\
 &:= 1^5 + 3^5 + 4^0 + 4^1 + 13^1 = 15 + 35 + 40 + 41 + 131 \\
 &:= 1^5 + 3^5 + 4^0 + 4^2 + 13^0 = 15 + 35 + 40 + 42 + 130
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^5 + 3^5 + 4^0 + 5^1 + 12^1 = 15 + 35 + 40 + 51 + 121 \\
 &:= 1^5 + 3^5 + 4^0 + 6^1 + 11^1 = 15 + 35 + 40 + 61 + 111 \\
 &:= 1^5 + 3^5 + 4^0 + 7^1 + 10^1 = 15 + 35 + 40 + 71 + 101 \\
 &:= 1^5 + 3^5 + 4^0 + 8^1 + 9^1 = 15 + 35 + 40 + 81 + 91 \\
 &:= 1^5 + 3^5 + 4^2 + 5^0 + 12^0 = 15 + 35 + 42 + 50 + 120 \\
 &:= 1^5 + 3^5 + 4^2 + 6^0 + 11^0 = 15 + 35 + 42 + 60 + 110 \\
 &:= 1^5 + 3^5 + 4^2 + 7^0 + 10^0 = 15 + 35 + 42 + 70 + 100 \\
 &:= 1^5 + 3^5 + 4^2 + 8^0 + 9^0 = 15 + 35 + 42 + 80 + 90 \\
 &:= 1^5 + 4^0 + 5^3 + 5^3 + 10^1 = 15 + 40 + 53 + 53 + 101 \\
 &:= 1^6 + 1^7 + 2^4 + 3^5 + 17^0 = 16 + 17 + 24 + 35 + 170 \\
 &:= 1^6 + 1^7 + 2^8 + 3^1 + 17^0 = 16 + 17 + 28 + 31 + 170 \\
 &:= 1^6 + 1^9 + 3^5 + 4^2 + 15^0 = 16 + 19 + 35 + 42 + 150 \\
 &:= 1^6 + 2^0 + 3^0 + 3^5 + 16^1 = 16 + 20 + 30 + 35 + 161 \\
 &:= 1^6 + 2^1 + 2^1 + 4^4 + 16^0 = 16 + 21 + 21 + 44 + 160 \\
 &:= 1^6 + 2^2 + 2^7 + 2^7 + 17^0 = 16 + 22 + 27 + 27 + 170 \\
 &:= 1^6 + 4^0 + 6^2 + 6^3 + 8^1 = 16 + 40 + 62 + 63 + 81 \\
 &:= 1^7 + 1^8 + 3^5 + 4^2 + 15^0 = 17 + 18 + 35 + 42 + 150 \\
 &:= 1^7 + 1^9 + 3^0 + 3^5 + 16^1 = 17 + 19 + 30 + 35 + 161 \\
 &:= 1^7 + 2^0 + 3^1 + 4^4 + 15^0 = 17 + 20 + 31 + 44 + 150 \\
 &:= 1^7 + 2^7 + 2^7 + 4^1 + 15^0 = 17 + 27 + 27 + 41 + 150 \\
 &:= 1^7 + 3^0 + 3^1 + 4^4 + 14^0 = 17 + 30 + 31 + 44 + 140 \\
 &:= 1^7 + 3^1 + 4^0 + 4^4 + 13^0 = 17 + 31 + 40 + 44 + 130 \\
 &:= 1^7 + 3^1 + 4^4 + 5^0 + 12^0 = 17 + 31 + 44 + 50 + 120 \\
 &:= 1^7 + 3^1 + 4^4 + 6^0 + 11^0 = 17 + 31 + 44 + 60 + 110 \\
 &:= 1^7 + 3^1 + 4^4 + 7^0 + 10^0 = 17 + 31 + 44 + 70 + 100 \\
 &:= 1^7 + 3^1 + 4^4 + 8^0 + 9^0 = 17 + 31 + 44 + 80 + 90 \\
 &:= 1^8 + 1^8 + 3^0 + 3^5 + 16^1 = 18 + 18 + 30 + 35 + 161 \\
 &:= 1^8 + 1^9 + 3^1 + 4^4 + 15^0 = 18 + 19 + 31 + 44 + 150
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 2^1 + 2^1 + 4^0 + 16^2 = 18 + 21 + 21 + 40 + 162 \\
 &:= 1^8 + 2^4 + 2^6 + 9^2 + 10^2 = 18 + 24 + 26 + 92 + 102 \\
 &:= 1^8 + 2^5 + 2^7 + 9^0 + 10^2 = 18 + 25 + 27 + 90 + 102 \\
 &:= 1^9 + 2^0 + 3^0 + 3^1 + 16^2 = 19 + 20 + 30 + 31 + 162 \\
 &:= 1^9 + 2^6 + 3^3 + 7^2 + 11^2 = 19 + 26 + 33 + 72 + 112 \\
 &:= 2^0 + 2^2 + 2^6 + 7^2 + 12^2 = 20 + 22 + 26 + 72 + 122 \\
 &:= 2^0 + 2^2 + 2^7 + 8^1 + 11^2 = 20 + 22 + 27 + 81 + 112 \\
 &:= 2^0 + 2^3 + 2^5 + 5^2 + 14^2 = 20 + 23 + 25 + 52 + 142 \\
 &:= 2^0 + 2^4 + 2^4 + 6^3 + 13^1 = 20 + 24 + 24 + 63 + 131 \\
 &:= 2^0 + 2^4 + 3^4 + 8^2 + 10^2 = 20 + 24 + 34 + 82 + 102 \\
 &:= 2^0 + 2^5 + 2^5 + 5^0 + 14^2 = 20 + 25 + 25 + 50 + 142 \\
 &:= 2^0 + 2^6 + 5^3 + 8^1 + 8^2 = 20 + 26 + 53 + 81 + 82 \\
 &:= 2^0 + 2^7 + 5^1 + 8^2 + 8^2 = 20 + 27 + 51 + 82 + 82 \\
 &:= 2^1 + 2^3 + 2^3 + 3^5 + 16^0 = 21 + 23 + 23 + 35 + 160 \\
 &:= 2^1 + 2^7 + 5^3 + 6^1 + 10^0 = 21 + 27 + 53 + 61 + 100 \\
 &:= 2^2 + 2^4 + 2^4 + 4^0 + 15^2 = 22 + 24 + 24 + 40 + 152 \\
 &:= 2^2 + 2^5 + 3^2 + 6^3 + 12^0 = 22 + 25 + 32 + 63 + 120 \\
 &:= 2^2 + 2^5 + 5^3 + 6^0 + 10^2 = 22 + 25 + 53 + 60 + 102 \\
 &:= 2^3 + 2^5 + 5^1 + 6^3 + 10^0 = 23 + 25 + 51 + 63 + 100 \\
 &:= 2^3 + 4^3 + 4^3 + 5^3 + 10^0 = 23 + 43 + 43 + 53 + 100 \\
 &:= 2^5 + 2^5 + 3^0 + 4^0 + 14^2 = 25 + 25 + 30 + 40 + 142 \\
 &:= 2^5 + 3^4 + 4^0 + 4^1 + 12^2 = 25 + 34 + 40 + 41 + 122 \\
 &:= 2^7 + 3^1 + 3^2 + 6^0 + 11^2 = 27 + 31 + 32 + 60 + 112 \\
 &:= 2^7 + 3^1 + 4^0 + 7^2 + 9^2 = 27 + 31 + 40 + 72 + 92 \\
 &:= 2^7 + 3^1 + 5^1 + 5^3 + 10^0 = 27 + 31 + 51 + 53 + 100 \\
 &:= 2^7 + 4^1 + 4^1 + 5^3 + 10^0 = 27 + 41 + 41 + 53 + 100
 \end{aligned}$$

2.2.164 Number 263

$$\begin{aligned}
 263 &:= 4^0 + 6^1 + 16^2 = 40 + 61 + 162 \\
 &:= 1^0 + 4^0 + 5^1 + 16^2 = 10 + 40 + 51 + 162 \\
 &:= 1^4 + 2^8 + 5^1 + 17^0 = 14 + 28 + 51 + 170 \\
 &:= 1^7 + 3^0 + 3^5 + 18^1 = 17 + 30 + 35 + 181 \\
 &:= 1^8 + 2^1 + 8^2 + 14^2 = 18 + 21 + 82 + 142 \\
 &:= 1^8 + 4^4 + 5^1 + 15^0 = 18 + 44 + 51 + 150 \\
 &:= 1^9 + 3^0 + 6^2 + 15^2 = 19 + 30 + 62 + 152 \\
 &:= 2^0 + 3^0 + 5^1 + 16^2 = 20 + 30 + 51 + 162
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^0 + 1^9 + 8^2 + 14^2 = 10 + 10 + 19 + 82 + 142 \\
 &:= 1^0 + 1^0 + 4^0 + 4^1 + 16^2 = 10 + 10 + 40 + 41 + 162 \\
 &:= 1^0 + 1^1 + 1^8 + 8^2 + 14^2 = 10 + 11 + 18 + 82 + 142 \\
 &:= 1^0 + 1^2 + 1^7 + 8^2 + 14^2 = 10 + 12 + 17 + 82 + 142 \\
 &:= 1^0 + 1^3 + 1^6 + 8^2 + 14^2 = 10 + 13 + 16 + 82 + 142 \\
 &:= 1^0 + 1^3 + 2^2 + 2^8 + 19^0 = 10 + 13 + 22 + 28 + 190 \\
 &:= 1^0 + 1^4 + 1^5 + 8^2 + 14^2 = 10 + 14 + 15 + 82 + 142 \\
 &:= 1^0 + 1^4 + 2^8 + 4^1 + 17^0 = 10 + 14 + 28 + 41 + 170
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^5 + 2^4 + 7^2 + 14^2 = 10 + 15 + 24 + 72 + 142 \\ &:= 1^0 + 1^5 + 2^6 + 7^0 + 14^2 = 10 + 15 + 26 + 70 + 142 \\ &:= 1^0 + 1^7 + 2^2 + 4^4 + 17^0 = 10 + 17 + 22 + 44 + 170 \\ &:= 1^0 + 1^7 + 3^0 + 3^5 + 17^1 = 10 + 17 + 30 + 35 + 171 \\ &:= 1^0 + 1^8 + 4^1 + 4^4 + 15^0 = 10 + 18 + 41 + 44 + 150 \\ &:= 1^0 + 1^8 + 4^3 + 5^0 + 14^2 = 10 + 18 + 43 + 50 + 142 \\ &:= 1^0 + 1^9 + 2^2 + 5^0 + 16^2 = 10 + 19 + 22 + 50 + 162 \\ &:= 1^0 + 2^0 + 3^0 + 4^1 + 16^2 = 10 + 20 + 30 + 41 + 162 \\ &:= 1^0 + 2^3 + 2^7 + 5^3 + 15^0 = 10 + 23 + 27 + 53 + 150 \\ &:= 1^1 + 1^1 + 1^7 + 8^2 + 14^2 = 11 + 11 + 17 + 82 + 142 \\ &:= 1^1 + 1^2 + 1^6 + 8^2 + 14^2 = 11 + 12 + 16 + 82 + 142 \\ &:= 1^1 + 1^2 + 2^2 + 2^8 + 19^0 = 11 + 12 + 22 + 28 + 190 \\ &:= 1^1 + 1^3 + 1^5 + 8^2 + 14^2 = 11 + 13 + 15 + 82 + 142 \\ &:= 1^1 + 1^3 + 2^8 + 4^1 + 17^0 = 11 + 13 + 28 + 41 + 170 \\ &:= 1^1 + 1^4 + 1^4 + 8^2 + 14^2 = 11 + 14 + 14 + 82 + 142 \\ &:= 1^1 + 1^4 + 2^4 + 7^2 + 14^2 = 11 + 14 + 24 + 72 + 142 \\ &:= 1^1 + 1^4 + 2^6 + 7^0 + 14^2 = 11 + 14 + 26 + 70 + 142 \\ &:= 1^1 + 1^6 + 2^2 + 4^4 + 17^0 = 11 + 16 + 22 + 44 + 170 \\ &:= 1^1 + 1^6 + 3^0 + 3^5 + 17^1 = 11 + 16 + 30 + 35 + 171 \\ &:= 1^1 + 1^7 + 4^1 + 4^4 + 15^0 = 11 + 17 + 41 + 44 + 150 \\ &:= 1^1 + 1^7 + 4^3 + 5^0 + 14^2 = 11 + 17 + 43 + 50 + 142 \\ &:= 1^1 + 1^8 + 2^2 + 5^0 + 16^2 = 11 + 18 + 22 + 50 + 162 \\ &:= 1^1 + 1^9 + 3^0 + 4^1 + 16^2 = 11 + 19 + 30 + 41 + 162 \\ &:= 1^1 + 2^2 + 2^7 + 9^1 + 11^2 = 11 + 22 + 27 + 91 + 112 \\ &:= 1^1 + 2^4 + 2^4 + 6^3 + 14^1 = 11 + 24 + 24 + 63 + 141 \\ &:= 1^1 + 2^6 + 5^3 + 8^2 + 9^1 = 11 + 26 + 53 + 82 + 91 \\ &:= 1^1 + 2^7 + 6^1 + 8^2 + 8^2 = 11 + 27 + 61 + 82 + 82 \\ &:= 1^2 + 1^2 + 1^5 + 8^2 + 14^2 = 12 + 12 + 15 + 82 + 142 \\ &:= 1^2 + 1^2 + 2^8 + 4^1 + 17^0 = 12 + 12 + 28 + 41 + 170 \\ &:= 1^2 + 1^3 + 1^4 + 8^2 + 14^2 = 12 + 13 + 14 + 82 + 142 \\ &:= 1^2 + 1^3 + 2^4 + 7^2 + 14^2 = 12 + 13 + 24 + 72 + 142 \\ &:= 1^2 + 1^3 + 2^6 + 7^0 + 14^2 = 12 + 13 + 26 + 70 + 142 \\ &:= 1^2 + 1^5 + 2^2 + 4^4 + 17^0 = 12 + 15 + 22 + 44 + 170 \\ &:= 1^2 + 1^5 + 3^0 + 3^5 + 17^1 = 12 + 15 + 30 + 35 + 171 \\ &:= 1^2 + 1^6 + 4^1 + 4^4 + 15^0 = 12 + 16 + 41 + 44 + 150 \\ &:= 1^2 + 1^6 + 4^3 + 5^0 + 14^2 = 12 + 16 + 43 + 50 + 142 \\ &:= 1^2 + 1^7 + 2^2 + 5^0 + 16^2 = 12 + 17 + 22 + 50 + 162 \\ &:= 1^2 + 1^8 + 3^0 + 4^1 + 16^2 = 12 + 18 + 30 + 41 + 162 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^4 + 2^4 + 5^1 + 15^2 = 12 + 24 + 24 + 51 + 152 \\ &:= 1^2 + 2^5 + 3^2 + 5^2 + 14^2 = 12 + 25 + 32 + 52 + 142 \\ &:= 1^2 + 2^6 + 4^1 + 5^2 + 13^2 = 12 + 26 + 41 + 52 + 132 \\ &:= 1^2 + 2^7 + 5^3 + 8^1 + 9^0 = 12 + 27 + 53 + 81 + 90 \\ &:= 1^3 + 1^3 + 1^3 + 8^2 + 14^2 = 13 + 13 + 13 + 82 + 142 \\ &:= 1^3 + 1^4 + 2^2 + 4^4 + 17^0 = 13 + 14 + 22 + 44 + 170 \\ &:= 1^3 + 1^4 + 3^0 + 3^5 + 17^1 = 13 + 14 + 30 + 35 + 171 \\ &:= 1^3 + 1^5 + 4^1 + 4^4 + 15^0 = 13 + 15 + 41 + 44 + 150 \\ &:= 1^3 + 1^5 + 4^3 + 5^0 + 14^2 = 13 + 15 + 43 + 50 + 142 \\ &:= 1^3 + 1^6 + 2^2 + 5^0 + 16^2 = 13 + 16 + 22 + 50 + 162 \\ &:= 1^3 + 1^7 + 3^0 + 4^1 + 16^2 = 13 + 17 + 30 + 41 + 162 \\ &:= 1^3 + 2^0 + 2^2 + 2^8 + 18^0 = 13 + 20 + 22 + 28 + 180 \\ &:= 1^3 + 2^1 + 2^4 + 3^5 + 17^0 = 13 + 21 + 24 + 35 + 170 \\ &:= 1^3 + 2^1 + 2^8 + 3^1 + 17^0 = 13 + 21 + 28 + 31 + 170 \\ &:= 1^3 + 2^2 + 2^8 + 10^0 + 10^0 = 13 + 22 + 28 + 100 + 100 \\ &:= 1^3 + 2^2 + 2^8 + 3^0 + 17^0 = 13 + 22 + 28 + 30 + 170 \\ &:= 1^3 + 2^2 + 2^8 + 4^0 + 16^0 = 13 + 22 + 28 + 40 + 160 \\ &:= 1^3 + 2^2 + 2^8 + 5^0 + 15^0 = 13 + 22 + 28 + 50 + 150 \\ &:= 1^3 + 2^2 + 2^8 + 6^0 + 14^0 = 13 + 22 + 28 + 60 + 140 \\ &:= 1^3 + 2^2 + 2^8 + 7^0 + 13^0 = 13 + 22 + 28 + 70 + 130 \\ &:= 1^3 + 2^2 + 2^8 + 8^0 + 12^0 = 13 + 22 + 28 + 80 + 120 \\ &:= 1^3 + 2^2 + 2^8 + 9^0 + 11^0 = 13 + 22 + 28 + 90 + 110 \\ &:= 1^4 + 1^4 + 4^1 + 4^4 + 15^0 = 14 + 14 + 41 + 44 + 150 \\ &:= 1^4 + 1^4 + 4^3 + 5^0 + 14^2 = 14 + 14 + 43 + 50 + 142 \\ &:= 1^4 + 1^5 + 2^2 + 5^0 + 16^2 = 14 + 15 + 22 + 50 + 162 \\ &:= 1^4 + 1^6 + 3^0 + 4^1 + 16^2 = 14 + 16 + 30 + 41 + 162 \\ &:= 1^4 + 1^9 + 2^2 + 2^8 + 18^0 = 14 + 19 + 22 + 28 + 180 \\ &:= 1^4 + 2^0 + 2^8 + 4^1 + 16^0 = 14 + 20 + 28 + 41 + 160 \\ &:= 1^4 + 2^2 + 2^3 + 5^2 + 15^2 = 14 + 22 + 23 + 52 + 152 \\ &:= 1^4 + 2^2 + 2^5 + 5^0 + 15^2 = 14 + 22 + 25 + 50 + 152 \\ &:= 1^4 + 2^2 + 4^3 + 5^2 + 13^2 = 14 + 22 + 43 + 52 + 132 \\ &:= 1^4 + 2^3 + 3^5 + 9^0 + 10^1 = 14 + 23 + 35 + 90 + 101 \\ &:= 1^4 + 2^5 + 3^0 + 6^3 + 13^1 = 14 + 25 + 30 + 63 + 131 \\ &:= 1^4 + 2^8 + 3^0 + 4^1 + 15^0 = 14 + 28 + 30 + 41 + 150 \\ &:= 1^4 + 2^8 + 4^0 + 4^1 + 14^0 = 14 + 28 + 40 + 41 + 140 \\ &:= 1^4 + 2^8 + 4^1 + 5^0 + 13^0 = 14 + 28 + 41 + 50 + 130 \\ &:= 1^4 + 2^8 + 4^1 + 6^0 + 12^0 = 14 + 28 + 41 + 60 + 120 \\ &:= 1^4 + 2^8 + 4^1 + 7^0 + 11^0 = 14 + 28 + 41 + 70 + 110 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^8 + 4^1 + 8^0 + 10^0 = 14 + 28 + 41 + 80 + 100 \\ &:= 1^4 + 2^8 + 4^1 + 9^0 + 9^0 = 14 + 28 + 41 + 90 + 90 \\ &:= 1^4 + 3^2 + 3^2 + 3^5 + 15^0 = 14 + 32 + 32 + 35 + 150 \\ &:= 1^4 + 3^2 + 5^3 + 8^2 + 8^2 = 14 + 32 + 53 + 82 + 82 \\ &:= 1^5 + 1^5 + 3^0 + 4^1 + 16^2 = 15 + 15 + 30 + 41 + 162 \\ &:= 1^5 + 1^8 + 2^2 + 2^8 + 18^0 = 15 + 18 + 22 + 28 + 180 \\ &:= 1^5 + 1^9 + 2^8 + 4^1 + 16^0 = 15 + 19 + 28 + 41 + 160 \\ &:= 1^5 + 2^0 + 2^6 + 6^0 + 14^2 = 15 + 20 + 26 + 60 + 142 \\ &:= 1^5 + 2^1 + 3^5 + 4^2 + 15^0 = 15 + 21 + 35 + 42 + 150 \\ &:= 1^5 + 2^2 + 3^5 + 5^0 + 14^1 = 15 + 22 + 35 + 50 + 141 \\ &:= 1^5 + 2^5 + 3^0 + 4^1 + 15^2 = 15 + 25 + 30 + 41 + 152 \\ &:= 1^5 + 2^6 + 3^0 + 5^0 + 14^2 = 15 + 26 + 30 + 50 + 142 \\ &:= 1^5 + 2^6 + 4^0 + 4^0 + 14^2 = 15 + 26 + 40 + 40 + 142 \\ &:= 1^5 + 3^0 + 3^4 + 6^2 + 12^2 = 15 + 30 + 34 + 62 + 122 \\ &:= 1^5 + 3^2 + 3^5 + 9^0 + 9^1 = 15 + 32 + 35 + 90 + 91 \\ &:= 1^6 + 1^7 + 2^2 + 2^8 + 18^0 = 16 + 17 + 22 + 28 + 180 \\ &:= 1^6 + 1^8 + 2^8 + 4^1 + 16^0 = 16 + 18 + 28 + 41 + 160 \\ &:= 1^6 + 1^9 + 2^6 + 6^0 + 14^2 = 16 + 19 + 26 + 60 + 142 \\ &:= 1^6 + 2^1 + 3^0 + 3^5 + 16^1 = 16 + 21 + 30 + 35 + 161 \\ &:= 1^6 + 3^0 + 3^1 + 3^5 + 15^1 = 16 + 30 + 31 + 35 + 151 \\ &:= 1^6 + 3^0 + 3^2 + 3^3 + 15^2 = 16 + 30 + 32 + 33 + 152 \\ &:= 1^6 + 3^0 + 3^5 + 4^1 + 14^1 = 16 + 30 + 35 + 41 + 141 \\ &:= 1^6 + 3^0 + 3^5 + 5^1 + 13^1 = 16 + 30 + 35 + 51 + 131 \\ &:= 1^6 + 3^0 + 3^5 + 6^1 + 12^1 = 16 + 30 + 35 + 61 + 121 \\ &:= 1^6 + 3^0 + 3^5 + 7^1 + 11^1 = 16 + 30 + 35 + 71 + 111 \\ &:= 1^6 + 3^0 + 3^5 + 8^1 + 10^1 = 16 + 30 + 35 + 81 + 101 \\ &:= 1^6 + 3^0 + 3^5 + 9^1 + 9^1 = 16 + 30 + 35 + 91 + 91 \\ &:= 1^6 + 3^0 + 5^3 + 5^3 + 11^1 = 16 + 30 + 53 + 53 + 111 \\ &:= 1^6 + 3^0 + 5^3 + 6^2 + 10^2 = 16 + 30 + 53 + 62 + 102 \\ &:= 1^6 + 3^2 + 6^2 + 6^3 + 9^0 = 16 + 32 + 62 + 63 + 90 \\ &:= 1^7 + 1^7 + 2^8 + 4^1 + 16^0 = 17 + 17 + 28 + 41 + 160 \\ &:= 1^7 + 1^8 + 2^6 + 6^0 + 14^2 = 17 + 18 + 26 + 60 + 142 \\ &:= 1^7 + 2^0 + 2^0 + 3^5 + 17^1 = 17 + 20 + 20 + 35 + 171 \\ &:= 1^7 + 2^0 + 2^2 + 4^4 + 16^0 = 17 + 20 + 22 + 44 + 160 \\ &:= 1^7 + 2^1 + 3^1 + 4^4 + 15^0 = 17 + 21 + 31 + 44 + 150 \\ &:= 1^7 + 2^2 + 3^0 + 4^4 + 15^0 = 17 + 22 + 30 + 44 + 150 \\ &:= 1^7 + 2^2 + 4^0 + 4^4 + 14^0 = 17 + 22 + 40 + 44 + 140 \\ &:= 1^7 + 2^2 + 4^4 + 5^0 + 13^0 = 17 + 22 + 44 + 50 + 130 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^2 + 4^4 + 6^0 + 12^0 = 17 + 22 + 44 + 60 + 120 \\ &:= 1^7 + 2^2 + 4^4 + 7^0 + 11^0 = 17 + 22 + 44 + 70 + 110 \\ &:= 1^7 + 2^2 + 4^4 + 8^0 + 10^0 = 17 + 22 + 44 + 80 + 100 \\ &:= 1^7 + 2^2 + 4^4 + 9^0 + 9^0 = 17 + 22 + 44 + 90 + 90 \\ &:= 1^7 + 3^0 + 6^2 + 6^3 + 9^1 = 17 + 30 + 62 + 63 + 91 \\ &:= 1^8 + 1^9 + 2^0 + 3^5 + 17^1 = 18 + 19 + 20 + 35 + 171 \\ &:= 1^8 + 1^9 + 2^2 + 4^4 + 16^0 = 18 + 19 + 22 + 44 + 160 \\ &:= 1^8 + 2^0 + 4^0 + 4^3 + 14^2 = 18 + 20 + 40 + 43 + 142 \\ &:= 1^8 + 2^0 + 4^1 + 4^4 + 14^0 = 18 + 20 + 41 + 44 + 140 \\ &:= 1^8 + 2^7 + 2^7 + 5^1 + 14^0 = 18 + 27 + 27 + 51 + 140 \\ &:= 1^8 + 3^0 + 3^0 + 4^3 + 14^2 = 18 + 30 + 30 + 43 + 142 \\ &:= 1^8 + 3^0 + 4^1 + 4^4 + 13^0 = 18 + 30 + 41 + 44 + 130 \\ &:= 1^8 + 4^0 + 4^1 + 4^4 + 12^0 = 18 + 40 + 41 + 44 + 120 \\ &:= 1^8 + 4^1 + 4^4 + 5^0 + 11^0 = 18 + 41 + 44 + 50 + 110 \\ &:= 1^8 + 4^1 + 4^4 + 6^0 + 10^0 = 18 + 41 + 44 + 60 + 100 \\ &:= 1^8 + 4^1 + 4^4 + 7^0 + 9^0 = 18 + 41 + 44 + 70 + 90 \\ &:= 1^8 + 4^1 + 4^4 + 8^0 + 8^0 = 18 + 41 + 44 + 80 + 80 \\ &:= 1^9 + 1^9 + 1^9 + 3^5 + 17^1 = 19 + 19 + 19 + 35 + 171 \\ &:= 1^9 + 1^9 + 4^0 + 4^3 + 14^2 = 19 + 19 + 40 + 43 + 142 \\ &:= 1^9 + 1^9 + 4^1 + 4^4 + 14^0 = 19 + 19 + 41 + 44 + 140 \\ &:= 1^9 + 2^0 + 2^2 + 4^0 + 16^2 = 19 + 20 + 22 + 40 + 162 \\ &:= 1^9 + 2^1 + 3^0 + 3^1 + 16^2 = 19 + 21 + 30 + 31 + 162 \\ &:= 1^9 + 2^2 + 3^0 + 3^0 + 16^2 = 19 + 22 + 30 + 30 + 162 \\ &:= 2^0 + 2^0 + 2^0 + 4^1 + 16^2 = 20 + 20 + 20 + 41 + 162 \\ &:= 2^0 + 2^3 + 2^7 + 5^3 + 14^0 = 20 + 23 + 27 + 53 + 140 \\ &:= 2^1 + 2^2 + 2^6 + 7^2 + 12^2 = 21 + 22 + 26 + 72 + 122 \\ &:= 2^1 + 2^2 + 2^7 + 8^1 + 11^2 = 21 + 22 + 27 + 81 + 112 \\ &:= 2^1 + 2^3 + 2^5 + 5^2 + 14^2 = 21 + 23 + 25 + 52 + 142 \\ &:= 2^1 + 2^4 + 2^4 + 6^3 + 13^1 = 21 + 24 + 24 + 63 + 131 \\ &:= 2^1 + 2^4 + 3^4 + 8^2 + 10^2 = 21 + 24 + 34 + 82 + 102 \\ &:= 2^1 + 2^5 + 2^5 + 5^0 + 14^2 = 21 + 25 + 25 + 50 + 142 \\ &:= 2^1 + 2^6 + 5^3 + 8^1 + 8^2 = 21 + 26 + 53 + 81 + 82 \\ &:= 2^1 + 2^7 + 5^1 + 8^2 + 8^2 = 21 + 27 + 51 + 82 + 82 \\ &:= 2^2 + 2^3 + 3^4 + 7^2 + 11^2 = 22 + 23 + 34 + 72 + 112 \\ &:= 2^2 + 2^5 + 3^3 + 4^1 + 14^2 = 22 + 25 + 33 + 41 + 142 \\ &:= 2^2 + 2^7 + 3^1 + 7^1 + 11^2 = 22 + 27 + 31 + 71 + 112 \\ &:= 2^2 + 2^7 + 3^2 + 7^0 + 11^2 = 22 + 27 + 32 + 70 + 112 \\ &:= 2^2 + 2^7 + 4^1 + 6^1 + 11^2 = 22 + 27 + 41 + 61 + 112 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^7 + 5^0 + 7^2 + 9^2 = 22 + 27 + 50 + 72 + 92 \\
 &:= 2^2 + 2^7 + 5^1 + 5^1 + 11^2 = 22 + 27 + 51 + 51 + 112 \\
 &:= 2^2 + 2^7 + 5^1 + 5^3 + 11^0 = 22 + 27 + 51 + 53 + 110 \\
 &:= 2^3 + 2^7 + 3^0 + 5^3 + 13^0 = 23 + 27 + 30 + 53 + 130 \\
 &:= 2^3 + 2^7 + 4^0 + 5^3 + 12^0 = 23 + 27 + 40 + 53 + 120 \\
 &:= 2^3 + 2^7 + 5^0 + 5^1 + 11^2 = 23 + 27 + 50 + 51 + 112 \\
 &:= 2^3 + 2^7 + 5^0 + 5^3 + 11^0 = 23 + 27 + 50 + 53 + 110 \\
 &:= 2^3 + 2^7 + 5^3 + 6^0 + 10^0 = 23 + 27 + 53 + 60 + 100 \\
 &:= 2^3 + 2^7 + 5^3 + 7^0 + 9^0 = 23 + 27 + 53 + 70 + 90 \\
 &:= 2^3 + 2^7 + 5^3 + 8^0 + 8^0 = 23 + 27 + 53 + 80 + 80 \\
 &:= 2^4 + 2^4 + 3^1 + 6^3 + 12^1 = 24 + 24 + 31 + 63 + 121 \\
 &:= 2^4 + 2^4 + 4^1 + 6^3 + 11^1 = 24 + 24 + 41 + 63 + 111 \\
 &:= 2^4 + 2^4 + 5^1 + 6^3 + 10^1 = 24 + 24 + 51 + 63 + 101 \\
 &:= 2^4 + 2^4 + 6^1 + 6^3 + 9^1 = 24 + 24 + 61 + 63 + 91 \\
 &:= 2^4 + 2^4 + 6^3 + 7^1 + 8^1 = 24 + 24 + 63 + 71 + 81 \\
 &:= 2^4 + 3^2 + 5^3 + 7^2 + 8^2 = 24 + 32 + 53 + 72 + 82 \\
 &:= 2^4 + 4^2 + 5^2 + 5^3 + 9^2 = 24 + 42 + 52 + 53 + 92 \\
 &:= 2^5 + 3^0 + 3^4 + 7^2 + 10^2 = 25 + 30 + 34 + 72 + 102 \\
 &:= 2^6 + 3^1 + 5^3 + 7^1 + 8^2 = 26 + 31 + 53 + 71 + 82 \\
 &:= 2^6 + 3^2 + 5^3 + 7^0 + 8^2 = 26 + 32 + 53 + 70 + 82 \\
 &:= 2^6 + 4^1 + 5^3 + 6^1 + 8^2 = 26 + 41 + 53 + 61 + 82 \\
 &:= 2^6 + 4^3 + 5^0 + 5^3 + 9^1 = 26 + 43 + 50 + 53 + 91 \\
 &:= 2^6 + 5^1 + 5^1 + 5^3 + 8^2 = 26 + 51 + 51 + 53 + 82 \\
 &:= 2^7 + 3^0 + 3^3 + 7^1 + 10^2 = 27 + 30 + 33 + 71 + 102 \\
 &:= 2^7 + 3^0 + 6^2 + 7^2 + 7^2 = 27 + 30 + 62 + 72 + 72 \\
 &:= 2^7 + 3^1 + 4^1 + 8^2 + 8^2 = 27 + 31 + 41 + 82 + 82 \\
 &:= 2^7 + 3^2 + 5^0 + 5^2 + 10^2 = 27 + 32 + 50 + 52 + 102 \\
 &:= 2^7 + 4^3 + 5^0 + 6^1 + 8^2 = 27 + 43 + 50 + 61 + 82 \\
 &:= 3^2 + 3^3 + 3^4 + 5^2 + 11^2 = 32 + 33 + 34 + 52 + 112 \\
 &:= 3^4 + 3^4 + 4^3 + 6^2 + 9^0 = 34 + 34 + 43 + 62 + 90
 \end{aligned}$$

2.2.165 Number 264

$$\begin{aligned}
 264 &:= 1^1 + 3^0 + 6^1 + 16^2 = 11 + 30 + 61 + 162 \\
 &:= 1^5 + 2^8 + 6^1 + 16^0 = 15 + 28 + 61 + 160 \\
 &:= 1^8 + 2^0 + 3^5 + 19^1 = 18 + 20 + 35 + 191 \\
 &:= 1^9 + 1^9 + 3^5 + 19^1 = 19 + 19 + 35 + 191 \\
 &:= 1^9 + 4^4 + 6^1 + 14^0 = 19 + 44 + 61 + 140 \\
 &:= 2^1 + 3^0 + 5^1 + 16^2 = 21 + 30 + 51 + 162 \\
 &:= 3^0 + 3^1 + 4^1 + 16^2 = 30 + 31 + 41 + 162 \\
 &:= 1^0 + 1^0 + 3^0 + 6^2 + 15^2 = 10 + 10 + 30 + 62 + 152 \\
 &:= 1^0 + 1^1 + 3^0 + 5^1 + 16^2 = 10 + 11 + 30 + 51 + 162 \\
 &:= 1^0 + 1^5 + 2^8 + 5^1 + 16^0 = 10 + 15 + 28 + 51 + 160 \\
 &:= 1^0 + 1^8 + 2^0 + 3^5 + 18^1 = 10 + 18 + 20 + 35 + 181 \\
 &:= 1^0 + 1^9 + 1^9 + 3^5 + 18^1 = 10 + 19 + 19 + 35 + 181 \\
 &:= 1^0 + 1^9 + 4^4 + 5^1 + 14^0 = 10 + 19 + 44 + 51 + 140 \\
 &:= 1^0 + 2^0 + 2^0 + 6^2 + 15^2 = 10 + 20 + 20 + 62 + 152 \\
 &:= 1^0 + 2^1 + 3^0 + 4^1 + 16^2 = 10 + 21 + 30 + 41 + 162 \\
 &:= 1^0 + 3^0 + 3^1 + 3^1 + 16^2 = 10 + 30 + 31 + 31 + 162 \\
 &:= 1^1 + 1^4 + 2^8 + 5^1 + 16^0 = 11 + 14 + 28 + 51 + 160 \\
 &:= 1^1 + 1^7 + 2^0 + 3^5 + 18^1 = 11 + 17 + 20 + 35 + 181 \\
 &:= 1^1 + 1^8 + 1^9 + 3^5 + 18^1 = 11 + 18 + 19 + 35 + 181 \\
 &:= 1^1 + 1^8 + 4^4 + 5^1 + 14^0 = 11 + 18 + 44 + 51 + 140 \\
 &:= 1^1 + 1^9 + 2^0 + 6^2 + 15^2 = 11 + 19 + 20 + 62 + 152 \\
 &:= 1^1 + 1^8 + 1^9 + 6^2 + 15^2 = 13 + 18 + 19 + 62 + 152 \\
 &:= 1^3 + 1^5 + 2^0 + 3^5 + 18^1 = 13 + 15 + 20 + 35 + 181 \\
 &:= 1^3 + 1^6 + 1^9 + 3^5 + 18^1 = 13 + 16 + 19 + 35 + 181 \\
 &:= 1^3 + 1^6 + 4^4 + 5^1 + 14^0 = 13 + 16 + 44 + 51 + 140 \\
 &:= 1^3 + 1^7 + 1^8 + 3^5 + 18^1 = 13 + 17 + 18 + 35 + 181 \\
 &:= 1^3 + 1^7 + 2^0 + 6^2 + 15^2 = 13 + 17 + 20 + 62 + 152 \\
 &:= 1^3 + 1^8 + 1^9 + 6^2 + 15^2 = 13 + 18 + 19 + 62 + 152 \\
 &:= 1^3 + 1^8 + 2^0 + 5^1 + 16^2 = 13 + 18 + 20 + 51 + 162 \\
 &:= 1^3 + 1^9 + 1^9 + 5^1 + 16^2 = 13 + 19 + 19 + 51 + 162 \\
 &:= 1^3 + 2^1 + 2^2 + 2^8 + 18^0 = 13 + 21 + 22 + 28 + 180
 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^7 + 5^3 + 8^0 + 9^1 = 13 + 27 + 53 + 80 + 91 \\ &:= 1^4 + 1^4 + 2^0 + 3^5 + 18^1 = 14 + 14 + 20 + 35 + 181 \\ &:= 1^4 + 1^5 + 1^9 + 3^5 + 18^1 = 14 + 15 + 19 + 35 + 181 \\ &:= 1^4 + 1^5 + 4^4 + 5^1 + 14^0 = 14 + 15 + 44 + 51 + 140 \\ &:= 1^4 + 1^6 + 1^8 + 3^5 + 18^1 = 14 + 16 + 18 + 35 + 181 \\ &:= 1^4 + 1^6 + 2^0 + 6^2 + 15^2 = 14 + 16 + 20 + 62 + 152 \\ &:= 1^4 + 1^7 + 1^7 + 3^5 + 18^1 = 14 + 17 + 17 + 35 + 181 \\ &:= 1^4 + 1^7 + 1^9 + 6^2 + 15^2 = 14 + 17 + 19 + 62 + 152 \\ &:= 1^4 + 1^7 + 2^0 + 5^1 + 16^2 = 14 + 17 + 20 + 51 + 162 \\ &:= 1^4 + 1^8 + 1^8 + 6^2 + 15^2 = 14 + 18 + 18 + 62 + 152 \\ &:= 1^4 + 1^8 + 1^9 + 5^1 + 16^2 = 14 + 18 + 19 + 51 + 162 \\ &:= 1^4 + 2^1 + 2^8 + 4^1 + 16^0 = 14 + 21 + 28 + 41 + 160 \\ &:= 1^4 + 2^4 + 3^1 + 3^5 + 16^0 = 14 + 24 + 31 + 35 + 160 \\ &:= 1^4 + 2^8 + 3^1 + 3^1 + 16^0 = 14 + 28 + 31 + 31 + 160 \\ &:= 1^4 + 3^4 + 3^4 + 8^0 + 10^2 = 14 + 34 + 34 + 80 + 102 \\ &:= 1^5 + 1^5 + 1^8 + 3^5 + 18^1 = 15 + 15 + 18 + 35 + 181 \\ &:= 1^5 + 1^5 + 2^0 + 6^2 + 15^2 = 15 + 15 + 20 + 62 + 152 \\ &:= 1^5 + 1^6 + 1^7 + 3^5 + 18^1 = 15 + 16 + 17 + 35 + 181 \\ &:= 1^5 + 1^6 + 1^9 + 6^2 + 15^2 = 15 + 16 + 19 + 62 + 152 \\ &:= 1^5 + 1^6 + 2^0 + 5^1 + 16^2 = 15 + 16 + 20 + 51 + 162 \\ &:= 1^5 + 1^7 + 1^8 + 6^2 + 15^2 = 15 + 17 + 18 + 62 + 152 \\ &:= 1^5 + 1^7 + 1^9 + 5^1 + 16^2 = 15 + 17 + 19 + 51 + 162 \\ &:= 1^5 + 1^8 + 1^8 + 5^1 + 16^2 = 15 + 18 + 18 + 51 + 162 \\ &:= 1^5 + 2^0 + 2^5 + 6^3 + 14^1 = 15 + 20 + 25 + 63 + 141 \\ &:= 1^5 + 2^0 + 2^8 + 5^1 + 15^0 = 15 + 20 + 28 + 51 + 150 \\ &:= 1^5 + 2^1 + 2^6 + 6^0 + 14^2 = 15 + 21 + 26 + 60 + 142 \\ &:= 1^5 + 2^3 + 3^5 + 8^0 + 11^1 = 15 + 23 + 35 + 80 + 111 \\ &:= 1^5 + 2^4 + 5^3 + 6^0 + 11^2 = 15 + 24 + 53 + 60 + 112 \\ &:= 1^5 + 2^8 + 3^0 + 5^1 + 14^0 = 15 + 28 + 30 + 51 + 140 \\ &:= 1^5 + 2^8 + 4^0 + 5^1 + 13^0 = 15 + 28 + 40 + 51 + 130 \\ &:= 1^5 + 2^8 + 5^0 + 5^1 + 12^0 = 15 + 28 + 50 + 51 + 120 \\ &:= 1^5 + 2^8 + 5^1 + 6^0 + 11^0 = 15 + 28 + 51 + 60 + 110 \\ &:= 1^5 + 2^8 + 5^1 + 7^0 + 10^0 = 15 + 28 + 51 + 70 + 100 \\ &:= 1^5 + 2^8 + 5^1 + 8^0 + 9^0 = 15 + 28 + 51 + 80 + 90 \\ &:= 1^6 + 1^6 + 1^6 + 3^5 + 18^1 = 16 + 16 + 16 + 35 + 181 \\ &:= 1^6 + 1^6 + 1^8 + 6^2 + 15^2 = 16 + 16 + 18 + 62 + 152 \\ &:= 1^6 + 1^6 + 1^9 + 5^1 + 16^2 = 16 + 16 + 19 + 51 + 162 \\ &:= 1^6 + 1^7 + 1^7 + 6^2 + 15^2 = 16 + 17 + 17 + 62 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 1^7 + 1^8 + 5^1 + 16^2 = 16 + 17 + 18 + 51 + 162 \\ &:= 1^6 + 1^9 + 2^5 + 6^3 + 14^1 = 16 + 19 + 25 + 63 + 141 \\ &:= 1^6 + 1^9 + 2^8 + 5^1 + 15^0 = 16 + 19 + 28 + 51 + 150 \\ &:= 1^6 + 2^0 + 2^5 + 5^1 + 15^2 = 16 + 20 + 25 + 51 + 152 \\ &:= 1^6 + 2^0 + 3^4 + 9^2 + 10^2 = 16 + 20 + 34 + 92 + 102 \\ &:= 1^6 + 2^2 + 3^5 + 4^0 + 15^1 = 16 + 22 + 35 + 40 + 151 \\ &:= 1^6 + 3^1 + 3^5 + 4^2 + 14^0 = 16 + 31 + 35 + 42 + 140 \\ &:= 1^6 + 3^2 + 3^5 + 8^0 + 10^1 = 16 + 32 + 35 + 80 + 101 \\ &:= 1^7 + 1^7 + 1^7 + 5^1 + 16^2 = 17 + 17 + 17 + 51 + 162 \\ &:= 1^7 + 1^8 + 2^5 + 6^3 + 14^1 = 17 + 18 + 25 + 63 + 141 \\ &:= 1^7 + 1^8 + 2^8 + 5^1 + 15^0 = 17 + 18 + 28 + 51 + 150 \\ &:= 1^7 + 1^9 + 2^5 + 5^1 + 15^2 = 17 + 19 + 25 + 51 + 152 \\ &:= 1^7 + 1^9 + 3^4 + 9^2 + 10^2 = 17 + 19 + 34 + 92 + 102 \\ &:= 1^7 + 2^0 + 2^1 + 3^5 + 17^1 = 17 + 20 + 21 + 35 + 171 \\ &:= 1^7 + 2^0 + 3^1 + 3^5 + 16^1 = 17 + 20 + 31 + 35 + 161 \\ &:= 1^7 + 2^0 + 3^5 + 4^1 + 15^1 = 17 + 20 + 35 + 41 + 151 \\ &:= 1^7 + 2^0 + 3^5 + 5^1 + 14^1 = 17 + 20 + 35 + 51 + 141 \\ &:= 1^7 + 2^0 + 3^5 + 6^1 + 13^1 = 17 + 20 + 35 + 61 + 131 \\ &:= 1^7 + 2^0 + 3^5 + 7^1 + 12^1 = 17 + 20 + 35 + 71 + 121 \\ &:= 1^7 + 2^0 + 3^5 + 8^1 + 11^1 = 17 + 20 + 35 + 81 + 111 \\ &:= 1^7 + 2^0 + 3^5 + 9^1 + 10^1 = 17 + 20 + 35 + 91 + 101 \\ &:= 1^7 + 2^0 + 5^3 + 5^3 + 12^1 = 17 + 20 + 53 + 53 + 121 \\ &:= 1^7 + 2^1 + 2^2 + 4^4 + 16^0 = 17 + 21 + 22 + 44 + 160 \\ &:= 1^7 + 4^0 + 4^2 + 5^3 + 11^2 = 17 + 40 + 42 + 53 + 112 \\ &:= 1^8 + 1^8 + 2^5 + 5^1 + 15^2 = 18 + 18 + 25 + 51 + 152 \\ &:= 1^8 + 1^8 + 3^4 + 9^2 + 10^2 = 18 + 18 + 34 + 92 + 102 \\ &:= 1^8 + 1^9 + 2^1 + 3^5 + 17^1 = 18 + 19 + 21 + 35 + 171 \\ &:= 1^8 + 1^9 + 3^1 + 3^5 + 16^1 = 18 + 19 + 31 + 35 + 161 \\ &:= 1^8 + 1^9 + 3^5 + 4^1 + 15^1 = 18 + 19 + 35 + 41 + 151 \\ &:= 1^8 + 1^9 + 3^5 + 5^1 + 14^1 = 18 + 19 + 35 + 51 + 141 \\ &:= 1^8 + 1^9 + 3^5 + 6^1 + 13^1 = 18 + 19 + 35 + 61 + 131 \\ &:= 1^8 + 1^9 + 3^5 + 7^1 + 12^1 = 18 + 19 + 35 + 71 + 121 \\ &:= 1^8 + 1^9 + 3^5 + 8^1 + 11^1 = 18 + 19 + 35 + 81 + 111 \\ &:= 1^8 + 1^9 + 3^5 + 9^1 + 10^1 = 18 + 19 + 35 + 91 + 101 \\ &:= 1^8 + 1^9 + 5^3 + 5^3 + 12^1 = 18 + 19 + 53 + 53 + 121 \\ &:= 1^8 + 2^0 + 6^2 + 6^3 + 10^1 = 18 + 20 + 62 + 63 + 101 \\ &:= 1^8 + 2^1 + 4^0 + 4^3 + 14^2 = 18 + 21 + 40 + 43 + 142 \\ &:= 1^8 + 2^1 + 4^1 + 4^4 + 14^0 = 18 + 21 + 41 + 44 + 140 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 3^1 + 3^1 + 4^4 + 14^0 = 18 + 31 + 31 + 44 + 140 \\ &:= 1^9 + 1^9 + 6^2 + 6^3 + 10^1 = 19 + 19 + 62 + 63 + 101 \\ &:= 1^9 + 2^0 + 4^4 + 5^1 + 13^0 = 19 + 20 + 44 + 51 + 130 \\ &:= 1^9 + 2^1 + 2^2 + 4^0 + 16^2 = 19 + 21 + 22 + 40 + 162 \\ &:= 1^9 + 2^7 + 2^7 + 6^1 + 13^0 = 19 + 27 + 27 + 61 + 130 \\ &:= 1^9 + 3^0 + 4^4 + 5^1 + 12^0 = 19 + 30 + 44 + 51 + 120 \\ &:= 1^9 + 4^0 + 4^4 + 5^1 + 11^0 = 19 + 40 + 44 + 51 + 110 \\ &:= 1^9 + 4^4 + 5^0 + 5^1 + 10^0 = 19 + 44 + 50 + 51 + 100 \\ &:= 1^9 + 4^4 + 5^1 + 6^0 + 9^0 = 19 + 44 + 51 + 60 + 90 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 4^4 + 5^1 + 7^0 + 8^0 = 19 + 44 + 51 + 70 + 80 \\ &:= 2^0 + 2^0 + 2^1 + 4^1 + 16^2 = 20 + 20 + 21 + 41 + 162 \\ &:= 2^0 + 2^0 + 3^1 + 3^1 + 16^2 = 20 + 20 + 31 + 31 + 162 \\ &:= 2^1 + 2^3 + 2^7 + 5^3 + 14^0 = 21 + 23 + 27 + 53 + 140 \\ &:= 2^5 + 3^4 + 5^2 + 5^3 + 10^0 = 25 + 34 + 52 + 53 + 100 \\ &:= 2^7 + 3^4 + 5^1 + 7^2 + 8^0 = 27 + 34 + 51 + 72 + 80 \\ &:= 2^7 + 4^3 + 4^3 + 7^1 + 8^0 = 27 + 43 + 43 + 71 + 80 \end{aligned}$$

2.2.166 Number 265

$$\begin{aligned} 265 &:= 1^9 + 3^5 + 21^1 = 19 + 35 + 211 \\ &:= 2^3 + 8^0 + 16^2 = 23 + 80 + 162 \\ &:= 4^4 + 8^1 + 14^0 = 44 + 81 + 140 \\ &:= 1^0 + 1^9 + 3^5 + 20^1 = 10 + 19 + 35 + 201 \\ &:= 1^0 + 4^4 + 7^1 + 14^0 = 10 + 44 + 71 + 140 \\ &:= 1^1 + 1^8 + 3^5 + 20^1 = 11 + 18 + 35 + 201 \\ &:= 1^2 + 1^7 + 3^5 + 20^1 = 12 + 17 + 35 + 201 \\ &:= 1^2 + 2^0 + 7^1 + 16^2 = 12 + 20 + 71 + 162 \\ &:= 1^3 + 1^6 + 3^5 + 20^1 = 13 + 16 + 35 + 201 \\ &:= 1^3 + 1^9 + 7^1 + 16^2 = 13 + 19 + 71 + 162 \\ &:= 1^4 + 1^5 + 3^5 + 20^1 = 14 + 15 + 35 + 201 \\ &:= 1^4 + 1^8 + 7^1 + 16^2 = 14 + 18 + 71 + 162 \\ &:= 1^5 + 1^7 + 7^1 + 16^2 = 15 + 17 + 71 + 162 \\ &:= 1^6 + 1^6 + 7^1 + 16^2 = 16 + 16 + 71 + 162 \\ &:= 1^6 + 2^5 + 6^3 + 16^1 = 16 + 25 + 63 + 161 \\ &:= 1^6 + 2^8 + 7^1 + 15^0 = 16 + 28 + 71 + 150 \\ &:= 1^7 + 2^5 + 7^1 + 15^2 = 17 + 25 + 71 + 152 \\ &:= 1^8 + 2^1 + 3^5 + 19^1 = 18 + 21 + 35 + 191 \\ &:= 1^8 + 3^1 + 3^5 + 18^1 = 18 + 31 + 35 + 181 \\ &:= 1^8 + 3^5 + 10^1 + 11^1 = 18 + 35 + 101 + 111 \\ &:= 1^8 + 3^5 + 4^1 + 17^1 = 18 + 35 + 41 + 171 \\ &:= 1^8 + 3^5 + 5^1 + 16^1 = 18 + 35 + 51 + 161 \\ &:= 1^8 + 3^5 + 6^1 + 15^1 = 18 + 35 + 61 + 151 \\ &:= 1^8 + 3^5 + 7^1 + 14^1 = 18 + 35 + 71 + 141 \\ &:= 1^8 + 3^5 + 8^1 + 13^1 = 18 + 35 + 81 + 131 \\ &:= 1^8 + 3^5 + 9^1 + 12^1 = 18 + 35 + 91 + 121 \\ &:= 1^8 + 4^3 + 10^2 + 10^2 = 18 + 43 + 102 + 102 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 5^3 + 5^3 + 14^1 = 18 + 53 + 53 + 141 \\ &:= 1^9 + 2^2 + 8^2 + 14^2 = 19 + 22 + 82 + 142 \\ &:= 1^9 + 6^2 + 6^3 + 12^1 = 19 + 62 + 63 + 121 \\ &:= 2^0 + 3^1 + 6^2 + 15^2 = 20 + 31 + 62 + 152 \\ &:= 2^0 + 4^4 + 7^1 + 13^0 = 20 + 44 + 71 + 130 \\ &:= 2^2 + 4^0 + 4^1 + 16^2 = 22 + 40 + 41 + 162 \\ &:= 2^7 + 2^7 + 8^1 + 13^0 = 27 + 27 + 81 + 130 \\ &:= 3^0 + 4^4 + 7^1 + 12^0 = 30 + 44 + 71 + 120 \\ &:= 4^0 + 4^4 + 7^1 + 11^0 = 40 + 44 + 71 + 110 \\ &:= 4^4 + 5^0 + 7^1 + 10^0 = 44 + 50 + 71 + 100 \\ &:= 4^4 + 6^0 + 7^1 + 9^0 = 44 + 60 + 71 + 90 \\ &:= 4^4 + 7^0 + 7^1 + 8^0 = 44 + 70 + 71 + 80 \\ &:= 1^0 + 1^0 + 1^9 + 3^5 + 19^1 = 10 + 10 + 19 + 35 + 191 \\ &:= 1^0 + 1^0 + 4^4 + 6^1 + 14^0 = 10 + 10 + 44 + 61 + 140 \\ &:= 1^0 + 1^1 + 1^8 + 3^5 + 19^1 = 10 + 11 + 18 + 35 + 191 \\ &:= 1^0 + 1^2 + 1^7 + 3^5 + 19^1 = 10 + 12 + 17 + 35 + 191 \\ &:= 1^0 + 1^2 + 2^0 + 6^1 + 16^2 = 10 + 12 + 20 + 61 + 162 \\ &:= 1^0 + 1^3 + 1^6 + 3^5 + 19^1 = 10 + 13 + 16 + 35 + 191 \\ &:= 1^0 + 1^3 + 1^9 + 6^1 + 16^2 = 10 + 13 + 19 + 61 + 162 \\ &:= 1^0 + 1^4 + 1^5 + 3^5 + 19^1 = 10 + 14 + 15 + 35 + 191 \\ &:= 1^0 + 1^4 + 1^8 + 6^1 + 16^2 = 10 + 14 + 18 + 61 + 162 \\ &:= 1^0 + 1^5 + 1^7 + 6^1 + 16^2 = 10 + 15 + 17 + 61 + 162 \\ &:= 1^0 + 1^6 + 1^6 + 6^1 + 16^2 = 10 + 16 + 16 + 61 + 162 \\ &:= 1^0 + 1^6 + 2^5 + 6^3 + 15^1 = 10 + 16 + 25 + 63 + 151 \\ &:= 1^0 + 1^6 + 2^8 + 6^1 + 15^0 = 10 + 16 + 28 + 61 + 150 \\ &:= 1^0 + 1^7 + 2^5 + 6^1 + 15^2 = 10 + 17 + 25 + 61 + 152 \\ &:= 1^0 + 1^8 + 2^1 + 3^5 + 18^1 = 10 + 18 + 21 + 35 + 181 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^8 + 3^1 + 3^5 + 17^1 = 10 + 18 + 31 + 35 + 171 \\ &:= 1^0 + 1^8 + 3^5 + 10^1 + 10^1 = 10 + 18 + 35 + 101 + 101 \\ &:= 1^0 + 1^8 + 3^5 + 4^1 + 16^1 = 10 + 18 + 35 + 41 + 161 \\ &:= 1^0 + 1^8 + 3^5 + 5^1 + 15^1 = 10 + 18 + 35 + 51 + 151 \\ &:= 1^0 + 1^8 + 3^5 + 6^1 + 14^1 = 10 + 18 + 35 + 61 + 141 \\ &:= 1^0 + 1^8 + 3^5 + 7^1 + 13^1 = 10 + 18 + 35 + 71 + 131 \\ &:= 1^0 + 1^8 + 3^5 + 8^1 + 12^1 = 10 + 18 + 35 + 81 + 121 \\ &:= 1^0 + 1^8 + 3^5 + 9^1 + 11^1 = 10 + 18 + 35 + 91 + 111 \\ &:= 1^0 + 1^8 + 5^3 + 5^3 + 13^1 = 10 + 18 + 53 + 53 + 131 \\ &:= 1^0 + 1^9 + 6^2 + 6^3 + 11^1 = 10 + 19 + 62 + 63 + 111 \\ &:= 1^0 + 2^0 + 2^1 + 6^2 + 15^2 = 10 + 20 + 21 + 62 + 152 \\ &:= 1^0 + 2^0 + 4^4 + 6^1 + 13^0 = 10 + 20 + 44 + 61 + 130 \\ &:= 1^0 + 2^2 + 3^1 + 4^0 + 16^2 = 10 + 22 + 31 + 40 + 162 \\ &:= 1^0 + 2^7 + 2^7 + 7^1 + 13^0 = 10 + 27 + 27 + 71 + 130 \\ &:= 1^0 + 3^0 + 4^4 + 6^1 + 12^0 = 10 + 30 + 44 + 61 + 120 \\ &:= 1^0 + 4^0 + 4^4 + 6^1 + 11^0 = 10 + 40 + 44 + 61 + 110 \\ &:= 1^0 + 4^4 + 5^0 + 6^1 + 10^0 = 10 + 44 + 50 + 61 + 100 \\ &:= 1^0 + 4^4 + 6^0 + 6^1 + 9^0 = 10 + 44 + 60 + 61 + 90 \\ &:= 1^0 + 4^4 + 6^1 + 7^0 + 8^0 = 10 + 44 + 61 + 70 + 80 \\ &:= 1^1 + 1^1 + 1^7 + 3^5 + 19^1 = 11 + 11 + 17 + 35 + 191 \\ &:= 1^1 + 1^1 + 2^0 + 6^1 + 16^2 = 11 + 11 + 20 + 61 + 162 \\ &:= 1^1 + 1^2 + 1^6 + 3^5 + 19^1 = 11 + 12 + 16 + 35 + 191 \\ &:= 1^1 + 1^2 + 1^9 + 6^1 + 16^2 = 11 + 12 + 19 + 61 + 162 \\ &:= 1^1 + 1^3 + 1^5 + 3^5 + 19^1 = 11 + 13 + 15 + 35 + 191 \\ &:= 1^1 + 1^3 + 1^8 + 6^1 + 16^2 = 11 + 13 + 18 + 61 + 162 \\ &:= 1^1 + 1^4 + 1^4 + 3^5 + 19^1 = 11 + 14 + 14 + 35 + 191 \\ &:= 1^1 + 1^4 + 1^7 + 6^1 + 16^2 = 11 + 14 + 17 + 61 + 162 \\ &:= 1^1 + 1^5 + 1^6 + 6^1 + 16^2 = 11 + 15 + 16 + 61 + 162 \\ &:= 1^1 + 1^5 + 2^5 + 6^3 + 15^1 = 11 + 15 + 25 + 63 + 151 \\ &:= 1^1 + 1^5 + 2^8 + 6^1 + 15^0 = 11 + 15 + 28 + 61 + 150 \\ &:= 1^1 + 1^6 + 2^5 + 6^1 + 15^2 = 11 + 16 + 25 + 61 + 152 \\ &:= 1^1 + 1^7 + 2^1 + 3^5 + 18^1 = 11 + 17 + 21 + 35 + 181 \\ &:= 1^1 + 1^7 + 3^1 + 3^5 + 17^1 = 11 + 17 + 31 + 35 + 171 \\ &:= 1^1 + 1^7 + 3^5 + 10^1 + 10^1 = 11 + 17 + 35 + 101 + 101 \\ &:= 1^1 + 1^7 + 3^5 + 4^1 + 16^1 = 11 + 17 + 35 + 41 + 161 \\ &:= 1^1 + 1^7 + 3^5 + 5^1 + 15^1 = 11 + 17 + 35 + 51 + 151 \\ &:= 1^1 + 1^7 + 3^5 + 6^1 + 14^1 = 11 + 17 + 35 + 61 + 141 \\ &:= 1^1 + 1^7 + 3^5 + 7^1 + 13^1 = 11 + 17 + 35 + 71 + 131 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^7 + 3^5 + 8^1 + 12^1 = 11 + 17 + 35 + 81 + 121 \\ &:= 1^1 + 1^7 + 3^5 + 9^1 + 11^1 = 11 + 17 + 35 + 91 + 111 \\ &:= 1^1 + 1^7 + 5^3 + 5^3 + 13^1 = 11 + 17 + 53 + 53 + 131 \\ &:= 1^1 + 1^8 + 6^2 + 6^3 + 11^1 = 11 + 18 + 62 + 63 + 111 \\ &:= 1^1 + 1^9 + 2^1 + 6^2 + 15^2 = 11 + 19 + 21 + 62 + 152 \\ &:= 1^1 + 1^9 + 4^4 + 6^1 + 13^0 = 11 + 19 + 44 + 61 + 130 \\ &:= 1^1 + 2^0 + 2^1 + 5^1 + 16^2 = 11 + 20 + 21 + 51 + 162 \\ &:= 1^1 + 2^0 + 3^1 + 4^1 + 16^2 = 11 + 20 + 31 + 41 + 162 \\ &:= 1^1 + 2^5 + 2^5 + 10^2 + 10^2 = 11 + 25 + 25 + 102 + 102 \\ &:= 1^2 + 1^2 + 1^5 + 3^5 + 19^1 = 12 + 12 + 15 + 35 + 191 \\ &:= 1^2 + 1^2 + 1^8 + 6^1 + 16^2 = 12 + 12 + 18 + 61 + 162 \\ &:= 1^2 + 1^3 + 1^4 + 3^5 + 19^1 = 12 + 13 + 14 + 35 + 191 \\ &:= 1^2 + 1^3 + 1^7 + 6^1 + 16^2 = 12 + 13 + 17 + 61 + 162 \\ &:= 1^2 + 1^4 + 1^6 + 6^1 + 16^2 = 12 + 14 + 16 + 61 + 162 \\ &:= 1^2 + 1^4 + 2^5 + 6^3 + 15^1 = 12 + 14 + 25 + 63 + 151 \\ &:= 1^2 + 1^4 + 2^8 + 6^1 + 15^0 = 12 + 14 + 28 + 61 + 150 \\ &:= 1^2 + 1^5 + 1^5 + 6^1 + 16^2 = 12 + 15 + 15 + 61 + 162 \\ &:= 1^2 + 1^5 + 2^5 + 6^1 + 15^2 = 12 + 15 + 25 + 61 + 152 \\ &:= 1^2 + 1^6 + 2^1 + 3^5 + 18^1 = 12 + 16 + 21 + 35 + 181 \\ &:= 1^2 + 1^6 + 3^1 + 3^5 + 17^1 = 12 + 16 + 31 + 35 + 171 \\ &:= 1^2 + 1^6 + 3^5 + 10^1 + 10^1 = 12 + 16 + 35 + 101 + 101 \\ &:= 1^2 + 1^6 + 3^5 + 4^1 + 16^1 = 12 + 16 + 35 + 41 + 161 \\ &:= 1^2 + 1^6 + 3^5 + 5^1 + 15^1 = 12 + 16 + 35 + 51 + 151 \\ &:= 1^2 + 1^6 + 3^5 + 6^1 + 14^1 = 12 + 16 + 35 + 61 + 141 \\ &:= 1^2 + 1^6 + 3^5 + 7^1 + 13^1 = 12 + 16 + 35 + 71 + 131 \\ &:= 1^2 + 1^6 + 3^5 + 8^1 + 12^1 = 12 + 16 + 35 + 81 + 121 \\ &:= 1^2 + 1^6 + 3^5 + 9^1 + 11^1 = 12 + 16 + 35 + 91 + 111 \\ &:= 1^2 + 1^6 + 5^3 + 5^3 + 13^1 = 12 + 16 + 53 + 53 + 131 \\ &:= 1^2 + 1^7 + 6^2 + 6^3 + 11^1 = 12 + 17 + 62 + 63 + 111 \\ &:= 1^2 + 1^8 + 2^1 + 6^2 + 15^2 = 12 + 18 + 21 + 62 + 152 \\ &:= 1^2 + 1^8 + 4^4 + 6^1 + 13^0 = 12 + 18 + 44 + 61 + 130 \\ &:= 1^2 + 1^9 + 2^1 + 5^1 + 16^2 = 12 + 19 + 21 + 51 + 162 \\ &:= 1^2 + 1^9 + 3^1 + 4^1 + 16^2 = 12 + 19 + 31 + 41 + 162 \\ &:= 1^2 + 2^7 + 3^3 + 9^1 + 10^2 = 12 + 27 + 33 + 91 + 102 \\ &:= 1^3 + 1^3 + 1^3 + 3^5 + 19^1 = 13 + 13 + 13 + 35 + 191 \\ &:= 1^3 + 1^3 + 1^6 + 6^1 + 16^2 = 13 + 13 + 16 + 61 + 162 \\ &:= 1^3 + 1^3 + 2^5 + 6^3 + 15^1 = 13 + 13 + 25 + 63 + 151 \\ &:= 1^3 + 1^3 + 2^8 + 6^1 + 15^0 = 13 + 13 + 28 + 61 + 150 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^4 + 1^5 + 6^1 + 16^2 = 13 + 14 + 15 + 61 + 162 \\ &:= 1^3 + 1^4 + 2^5 + 6^1 + 15^2 = 13 + 14 + 25 + 61 + 152 \\ &:= 1^3 + 1^5 + 2^1 + 3^5 + 18^1 = 13 + 15 + 21 + 35 + 181 \\ &:= 1^3 + 1^5 + 3^1 + 3^5 + 17^1 = 13 + 15 + 31 + 35 + 171 \\ &:= 1^3 + 1^5 + 3^5 + 10^1 + 10^1 = 13 + 15 + 35 + 101 + 101 \\ &:= 1^3 + 1^5 + 3^5 + 4^1 + 16^1 = 13 + 15 + 35 + 41 + 161 \\ &:= 1^3 + 1^5 + 3^5 + 5^1 + 15^1 = 13 + 15 + 35 + 51 + 151 \\ &:= 1^3 + 1^5 + 3^5 + 6^1 + 14^1 = 13 + 15 + 35 + 61 + 141 \\ &:= 1^3 + 1^5 + 3^5 + 7^1 + 13^1 = 13 + 15 + 35 + 71 + 131 \\ &:= 1^3 + 1^5 + 3^5 + 8^1 + 12^1 = 13 + 15 + 35 + 81 + 121 \\ &:= 1^3 + 1^5 + 3^5 + 9^1 + 11^1 = 13 + 15 + 35 + 91 + 111 \\ &:= 1^3 + 1^5 + 5^3 + 5^3 + 13^1 = 13 + 15 + 53 + 53 + 131 \\ &:= 1^3 + 1^6 + 6^2 + 6^3 + 11^1 = 13 + 16 + 62 + 63 + 111 \\ &:= 1^3 + 1^7 + 2^1 + 6^2 + 15^2 = 13 + 17 + 21 + 62 + 152 \\ &:= 1^3 + 1^7 + 4^4 + 6^1 + 13^0 = 13 + 17 + 44 + 61 + 130 \\ &:= 1^3 + 1^8 + 2^1 + 5^1 + 16^2 = 13 + 18 + 21 + 51 + 162 \\ &:= 1^3 + 1^8 + 3^1 + 4^1 + 16^2 = 13 + 18 + 31 + 41 + 162 \\ &:= 1^3 + 2^4 + 2^4 + 6^2 + 14^2 = 13 + 24 + 24 + 62 + 142 \\ &:= 1^3 + 2^5 + 3^3 + 6^2 + 13^2 = 13 + 25 + 33 + 62 + 132 \\ &:= 1^3 + 2^5 + 3^4 + 7^1 + 12^2 = 13 + 25 + 34 + 71 + 122 \\ &:= 1^3 + 2^7 + 6^1 + 7^2 + 9^2 = 13 + 27 + 61 + 72 + 92 \\ &:= 1^4 + 1^4 + 1^4 + 6^1 + 16^2 = 14 + 14 + 14 + 61 + 162 \\ &:= 1^4 + 1^4 + 2^1 + 3^5 + 18^1 = 14 + 14 + 21 + 35 + 181 \\ &:= 1^4 + 1^4 + 3^1 + 3^5 + 17^1 = 14 + 14 + 31 + 35 + 171 \\ &:= 1^4 + 1^4 + 3^5 + 10^1 + 10^1 = 14 + 14 + 35 + 101 + 101 \\ &:= 1^4 + 1^4 + 3^5 + 4^1 + 16^1 = 14 + 14 + 35 + 41 + 161 \\ &:= 1^4 + 1^4 + 3^5 + 5^1 + 15^1 = 14 + 14 + 35 + 51 + 151 \\ &:= 1^4 + 1^4 + 3^5 + 6^1 + 14^1 = 14 + 14 + 35 + 61 + 141 \\ &:= 1^4 + 1^4 + 3^5 + 7^1 + 13^1 = 14 + 14 + 35 + 71 + 131 \\ &:= 1^4 + 1^4 + 3^5 + 8^1 + 12^1 = 14 + 14 + 35 + 81 + 121 \\ &:= 1^4 + 1^4 + 3^5 + 9^1 + 11^1 = 14 + 14 + 35 + 91 + 111 \\ &:= 1^4 + 1^4 + 5^3 + 5^3 + 13^1 = 14 + 14 + 53 + 53 + 131 \\ &:= 1^4 + 1^5 + 6^2 + 6^3 + 11^1 = 14 + 15 + 62 + 63 + 111 \\ &:= 1^4 + 1^6 + 2^1 + 6^2 + 15^2 = 14 + 16 + 21 + 62 + 152 \\ &:= 1^4 + 1^6 + 4^4 + 6^1 + 13^0 = 14 + 16 + 44 + 61 + 130 \\ &:= 1^4 + 1^7 + 2^1 + 5^1 + 16^2 = 14 + 17 + 21 + 51 + 162 \\ &:= 1^4 + 1^7 + 3^1 + 4^1 + 16^2 = 14 + 17 + 31 + 41 + 162 \\ &:= 1^4 + 2^2 + 2^4 + 3^5 + 17^0 = 14 + 22 + 24 + 35 + 170 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^2 + 2^8 + 3^1 + 17^0 = 14 + 22 + 28 + 31 + 170 \\ &:= 1^4 + 2^4 + 3^3 + 5^2 + 14^2 = 14 + 24 + 33 + 52 + 142 \\ &:= 1^4 + 2^5 + 5^3 + 7^1 + 10^2 = 14 + 25 + 53 + 71 + 102 \\ &:= 1^4 + 2^7 + 5^3 + 7^0 + 10^1 = 14 + 27 + 53 + 70 + 101 \\ &:= 1^5 + 1^5 + 2^1 + 6^2 + 15^2 = 15 + 15 + 21 + 62 + 152 \\ &:= 1^5 + 1^5 + 4^4 + 6^1 + 13^0 = 15 + 15 + 44 + 61 + 130 \\ &:= 1^5 + 1^6 + 2^1 + 5^1 + 16^2 = 15 + 16 + 21 + 51 + 162 \\ &:= 1^5 + 1^6 + 3^1 + 4^1 + 16^2 = 15 + 16 + 31 + 41 + 162 \\ &:= 1^5 + 2^1 + 2^5 + 6^3 + 14^1 = 15 + 21 + 25 + 63 + 141 \\ &:= 1^5 + 2^1 + 2^8 + 5^1 + 15^0 = 15 + 21 + 28 + 51 + 150 \\ &:= 1^5 + 2^3 + 3^3 + 6^3 + 13^1 = 15 + 23 + 33 + 63 + 131 \\ &:= 1^5 + 2^3 + 3^4 + 6^1 + 13^2 = 15 + 23 + 34 + 61 + 132 \\ &:= 1^5 + 2^4 + 3^5 + 4^1 + 15^0 = 15 + 24 + 35 + 41 + 150 \\ &:= 1^5 + 2^5 + 3^1 + 6^3 + 13^1 = 15 + 25 + 31 + 63 + 131 \\ &:= 1^5 + 2^5 + 4^1 + 6^3 + 12^1 = 15 + 25 + 41 + 63 + 121 \\ &:= 1^5 + 2^5 + 5^1 + 6^3 + 11^1 = 15 + 25 + 51 + 63 + 111 \\ &:= 1^5 + 2^5 + 6^1 + 6^3 + 10^1 = 15 + 25 + 61 + 63 + 101 \\ &:= 1^5 + 2^5 + 6^3 + 7^1 + 9^1 = 15 + 25 + 63 + 71 + 91 \\ &:= 1^5 + 2^5 + 6^3 + 8^1 + 8^1 = 15 + 25 + 63 + 81 + 81 \\ &:= 1^5 + 2^8 + 3^1 + 4^1 + 15^0 = 15 + 28 + 31 + 41 + 150 \\ &:= 1^5 + 3^4 + 5^3 + 7^2 + 9^1 = 15 + 34 + 53 + 72 + 91 \\ &:= 1^5 + 4^3 + 4^3 + 5^3 + 11^1 = 15 + 43 + 43 + 53 + 111 \\ &:= 1^5 + 4^3 + 4^3 + 6^2 + 10^2 = 15 + 43 + 43 + 62 + 102 \\ &:= 1^6 + 2^0 + 2^8 + 6^1 + 14^0 = 16 + 20 + 28 + 61 + 140 \\ &:= 1^6 + 2^1 + 2^5 + 5^1 + 15^2 = 16 + 21 + 25 + 51 + 152 \\ &:= 1^6 + 2^1 + 3^4 + 9^2 + 10^2 = 16 + 21 + 34 + 92 + 102 \\ &:= 1^6 + 2^2 + 3^5 + 4^2 + 15^0 = 16 + 22 + 35 + 42 + 150 \\ &:= 1^6 + 2^3 + 3^3 + 4^1 + 15^2 = 16 + 23 + 33 + 41 + 152 \\ &:= 1^6 + 2^3 + 3^5 + 7^0 + 12^1 = 16 + 23 + 35 + 70 + 121 \\ &:= 1^6 + 2^5 + 3^1 + 4^1 + 15^2 = 16 + 25 + 31 + 41 + 152 \\ &:= 1^6 + 2^6 + 3^1 + 5^0 + 14^2 = 16 + 26 + 31 + 50 + 142 \\ &:= 1^6 + 2^8 + 3^0 + 6^1 + 13^0 = 16 + 28 + 30 + 61 + 130 \\ &:= 1^6 + 2^8 + 4^0 + 6^1 + 12^0 = 16 + 28 + 40 + 61 + 120 \\ &:= 1^6 + 2^8 + 5^0 + 6^1 + 11^0 = 16 + 28 + 50 + 61 + 110 \\ &:= 1^6 + 2^8 + 6^0 + 6^1 + 10^0 = 16 + 28 + 60 + 61 + 100 \\ &:= 1^6 + 2^8 + 6^1 + 7^0 + 9^0 = 16 + 28 + 61 + 70 + 90 \\ &:= 1^6 + 2^8 + 6^1 + 8^0 + 8^0 = 16 + 28 + 61 + 80 + 80 \\ &:= 1^6 + 3^1 + 3^4 + 6^2 + 12^2 = 16 + 31 + 34 + 62 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 3^2 + 3^3 + 6^3 + 12^1 = 16 + 32 + 33 + 63 + 121 \\ &:= 1^6 + 3^2 + 3^4 + 5^1 + 13^2 = 16 + 32 + 34 + 51 + 132 \\ &:= 1^6 + 3^2 + 5^3 + 7^2 + 9^2 = 16 + 32 + 53 + 72 + 92 \\ &:= 1^6 + 3^3 + 4^1 + 4^3 + 13^2 = 16 + 33 + 41 + 43 + 132 \\ &:= 1^7 + 1^9 + 2^8 + 6^1 + 14^0 = 17 + 19 + 28 + 61 + 140 \\ &:= 1^7 + 2^1 + 2^1 + 3^5 + 17^1 = 17 + 21 + 21 + 35 + 171 \\ &:= 1^7 + 2^1 + 3^1 + 3^5 + 16^1 = 17 + 21 + 31 + 35 + 161 \\ &:= 1^7 + 2^1 + 3^5 + 4^1 + 15^1 = 17 + 21 + 35 + 41 + 151 \\ &:= 1^7 + 2^1 + 3^5 + 5^1 + 14^1 = 17 + 21 + 35 + 51 + 141 \\ &:= 1^7 + 2^1 + 3^5 + 6^1 + 13^1 = 17 + 21 + 35 + 61 + 131 \\ &:= 1^7 + 2^1 + 3^5 + 7^1 + 12^1 = 17 + 21 + 35 + 71 + 121 \\ &:= 1^7 + 2^1 + 3^5 + 8^1 + 11^1 = 17 + 21 + 35 + 81 + 111 \\ &:= 1^7 + 2^1 + 3^5 + 9^1 + 10^1 = 17 + 21 + 35 + 91 + 101 \\ &:= 1^7 + 2^1 + 5^3 + 5^3 + 12^1 = 17 + 21 + 53 + 53 + 121 \\ &:= 1^7 + 2^2 + 3^0 + 3^5 + 16^1 = 17 + 22 + 30 + 35 + 161 \\ &:= 1^7 + 3^1 + 3^1 + 3^5 + 15^1 = 17 + 31 + 31 + 35 + 151 \\ &:= 1^7 + 3^1 + 3^2 + 3^3 + 15^2 = 17 + 31 + 32 + 33 + 152 \\ &:= 1^7 + 3^1 + 3^5 + 4^1 + 14^1 = 17 + 31 + 35 + 41 + 141 \\ &:= 1^7 + 3^1 + 3^5 + 5^1 + 13^1 = 17 + 31 + 35 + 51 + 131 \\ &:= 1^7 + 3^1 + 3^5 + 6^1 + 12^1 = 17 + 31 + 35 + 61 + 121 \\ &:= 1^7 + 3^1 + 3^5 + 7^1 + 11^1 = 17 + 31 + 35 + 71 + 111 \\ &:= 1^7 + 3^1 + 3^5 + 8^1 + 10^1 = 17 + 31 + 35 + 81 + 101 \\ &:= 1^7 + 3^1 + 3^5 + 9^1 + 9^1 = 17 + 31 + 35 + 91 + 91 \\ &:= 1^7 + 3^1 + 5^3 + 5^3 + 11^1 = 17 + 31 + 53 + 53 + 111 \\ &:= 1^7 + 3^1 + 5^3 + 6^2 + 10^2 = 17 + 31 + 53 + 62 + 102 \\ &:= 1^7 + 3^2 + 3^5 + 7^0 + 11^1 = 17 + 32 + 35 + 70 + 111 \\ &:= 1^7 + 3^5 + 4^1 + 4^1 + 13^1 = 17 + 35 + 41 + 41 + 131 \\ &:= 1^7 + 3^5 + 4^1 + 4^2 + 13^0 = 17 + 35 + 41 + 42 + 130 \\ &:= 1^7 + 3^5 + 4^1 + 5^1 + 12^1 = 17 + 35 + 41 + 51 + 121 \\ &:= 1^7 + 3^5 + 4^1 + 6^1 + 11^1 = 17 + 35 + 41 + 61 + 111 \\ &:= 1^7 + 3^5 + 4^1 + 7^1 + 10^1 = 17 + 35 + 41 + 71 + 101 \\ &:= 1^7 + 3^5 + 4^1 + 8^1 + 9^1 = 17 + 35 + 41 + 81 + 91 \\ &:= 1^7 + 3^5 + 5^1 + 5^1 + 11^1 = 17 + 35 + 51 + 51 + 111 \\ &:= 1^7 + 3^5 + 5^1 + 6^1 + 10^1 = 17 + 35 + 51 + 61 + 101 \\ &:= 1^7 + 3^5 + 5^1 + 7^1 + 9^1 = 17 + 35 + 51 + 71 + 91 \\ &:= 1^7 + 3^5 + 5^1 + 8^1 + 8^1 = 17 + 35 + 51 + 81 + 81 \\ &:= 1^7 + 3^5 + 6^1 + 6^1 + 9^1 = 17 + 35 + 61 + 61 + 91 \\ &:= 1^7 + 3^5 + 6^1 + 7^1 + 8^1 = 17 + 35 + 61 + 71 + 81 \\ &:= 1^7 + 3^5 + 7^1 + 7^1 + 7^1 = 17 + 35 + 71 + 71 + 71 \\ &:= 1^7 + 4^1 + 5^3 + 5^3 + 10^1 = 17 + 41 + 53 + 53 + 101 \\ &:= 1^7 + 5^1 + 5^3 + 5^3 + 9^1 = 17 + 51 + 53 + 53 + 91 \\ &:= 1^7 + 5^3 + 5^3 + 6^1 + 8^1 = 17 + 53 + 53 + 61 + 81 \\ &:= 1^7 + 5^3 + 5^3 + 7^1 + 7^1 = 17 + 53 + 53 + 71 + 71 \\ &:= 1^8 + 1^8 + 2^8 + 6^1 + 14^0 = 18 + 18 + 28 + 61 + 140 \\ &:= 1^8 + 2^1 + 6^2 + 6^3 + 10^1 = 18 + 21 + 62 + 63 + 101 \\ &:= 1^8 + 2^2 + 3^1 + 4^4 + 15^0 = 18 + 22 + 31 + 44 + 150 \\ &:= 1^8 + 3^1 + 6^2 + 6^3 + 9^1 = 18 + 31 + 62 + 63 + 91 \\ &:= 1^8 + 4^1 + 6^2 + 6^3 + 8^1 = 18 + 41 + 62 + 63 + 81 \\ &:= 1^8 + 5^1 + 6^2 + 6^3 + 7^1 = 18 + 51 + 62 + 63 + 71 \\ &:= 1^8 + 6^1 + 6^1 + 6^2 + 6^3 = 18 + 61 + 61 + 62 + 63 \\ &:= 1^9 + 2^1 + 4^4 + 5^1 + 13^0 = 19 + 21 + 44 + 51 + 130 \\ &:= 1^9 + 3^0 + 3^1 + 4^3 + 14^2 = 19 + 30 + 31 + 43 + 142 \\ &:= 1^9 + 3^1 + 4^1 + 4^4 + 13^0 = 19 + 31 + 41 + 44 + 130 \\ &:= 2^0 + 2^0 + 4^4 + 6^1 + 12^0 = 20 + 20 + 44 + 61 + 120 \\ &:= 2^0 + 2^1 + 2^1 + 4^1 + 16^2 = 20 + 21 + 21 + 41 + 162 \\ &:= 2^0 + 2^1 + 3^1 + 3^1 + 16^2 = 20 + 21 + 31 + 31 + 162 \\ &:= 2^0 + 2^2 + 3^0 + 3^1 + 16^2 = 20 + 22 + 30 + 31 + 162 \\ &:= 2^0 + 2^7 + 2^7 + 7^1 + 12^0 = 20 + 27 + 27 + 71 + 120 \\ &:= 2^0 + 3^0 + 4^4 + 6^1 + 11^0 = 20 + 30 + 44 + 61 + 110 \\ &:= 2^0 + 4^0 + 4^4 + 6^1 + 10^0 = 20 + 40 + 44 + 61 + 100 \\ &:= 2^0 + 4^4 + 5^0 + 6^1 + 9^0 = 20 + 44 + 50 + 61 + 90 \\ &:= 2^0 + 4^4 + 6^0 + 6^1 + 8^0 = 20 + 44 + 60 + 61 + 80 \\ &:= 2^0 + 4^4 + 6^1 + 7^0 + 7^0 = 20 + 44 + 61 + 70 + 70 \\ &:= 2^2 + 2^6 + 3^3 + 7^2 + 11^2 = 22 + 26 + 33 + 72 + 112 \\ &:= 2^3 + 2^7 + 4^3 + 8^2 + 9^0 = 23 + 27 + 43 + 82 + 90 \\ &:= 2^4 + 2^4 + 2^4 + 6^3 + 13^0 = 24 + 24 + 24 + 63 + 130 \\ &:= 2^4 + 2^4 + 4^3 + 5^2 + 12^2 = 24 + 24 + 43 + 52 + 122 \\ &:= 2^5 + 2^7 + 4^1 + 7^0 + 10^2 = 25 + 27 + 41 + 70 + 102 \\ &:= 2^5 + 3^4 + 4^2 + 5^3 + 11^1 = 25 + 34 + 42 + 53 + 111 \\ &:= 2^5 + 3^4 + 4^2 + 6^2 + 10^2 = 25 + 34 + 42 + 62 + 102 \\ &:= 2^5 + 3^4 + 4^3 + 7^1 + 9^2 = 25 + 34 + 43 + 71 + 92 \\ &:= 2^6 + 3^2 + 4^3 + 8^2 + 8^2 = 26 + 32 + 43 + 82 + 82 \\ &:= 2^7 + 2^7 + 3^0 + 7^1 + 11^0 = 27 + 27 + 30 + 71 + 110 \\ &:= 2^7 + 2^7 + 4^0 + 7^1 + 10^0 = 27 + 27 + 40 + 71 + 100 \\ &:= 2^7 + 2^7 + 5^0 + 7^1 + 9^0 = 27 + 27 + 50 + 71 + 90 \\ &:= 2^7 + 2^7 + 6^0 + 7^1 + 8^0 = 27 + 27 + 60 + 71 + 80 \end{aligned}$$

$$\begin{aligned}
 &:= 2^7 + 2^7 + 7^0 + 7^0 + 7^1 = 27 + 27 + 70 + 70 + 71 \\
 &:= 2^7 + 4^2 + 4^3 + 7^2 + 8^1 = 27 + 42 + 43 + 72 + 81 \\
 &:= 2^7 + 4^2 + 6^2 + 6^2 + 7^2 = 27 + 42 + 62 + 62 + 72 \\
 &:= 3^0 + 3^0 + 4^4 + 6^1 + 10^0 = 30 + 30 + 44 + 61 + 100 \\
 &:= 3^0 + 4^0 + 4^4 + 6^1 + 9^0 = 30 + 40 + 44 + 61 + 90 \\
 &:= 3^0 + 4^4 + 5^0 + 6^1 + 8^0 = 30 + 44 + 50 + 61 + 80 \\
 &:= 3^0 + 4^4 + 6^0 + 6^1 + 7^0 = 30 + 44 + 60 + 61 + 70
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^2 + 3^4 + 3^4 + 3^4 + 13^1 = 32 + 34 + 34 + 34 + 131 \\
 &:= 3^3 + 3^4 + 3^4 + 4^3 + 12^1 = 33 + 34 + 34 + 43 + 121 \\
 &:= 4^0 + 4^0 + 4^4 + 6^1 + 8^0 = 40 + 40 + 44 + 61 + 80 \\
 &:= 4^0 + 4^4 + 5^0 + 6^1 + 7^0 = 40 + 44 + 50 + 61 + 70 \\
 &:= 4^0 + 4^4 + 6^0 + 6^0 + 6^1 = 40 + 44 + 60 + 60 + 61 \\
 &:= 4^4 + 5^0 + 5^0 + 6^0 + 6^1 = 44 + 50 + 50 + 60 + 61
 \end{aligned}$$

2.2.167 Number 266

$$\begin{aligned}
 266 &:= 1^0 + 3^5 + 22^1 = 10 + 35 + 221 \\
 &:= 1^3 + 9^1 + 16^2 = 13 + 91 + 162 \\
 &:= 3^2 + 4^4 + 19^0 = 32 + 44 + 190 \\
 &:= 4^2 + 9^2 + 13^2 = 42 + 92 + 132 \\
 &:= 6^2 + 6^3 + 14^1 = 62 + 63 + 141 \\
 &:= 1^0 + 1^0 + 3^5 + 21^1 = 10 + 10 + 35 + 211 \\
 &:= 1^0 + 1^3 + 8^1 + 16^2 = 10 + 13 + 81 + 162 \\
 &:= 1^0 + 6^2 + 6^3 + 13^1 = 10 + 62 + 63 + 131 \\
 &:= 1^1 + 1^2 + 8^1 + 16^2 = 11 + 12 + 81 + 162 \\
 &:= 1^1 + 2^3 + 7^0 + 16^2 = 11 + 23 + 70 + 162 \\
 &:= 1^1 + 4^1 + 6^2 + 15^2 = 11 + 41 + 62 + 152 \\
 &:= 1^1 + 4^4 + 8^1 + 13^0 = 11 + 44 + 81 + 130 \\
 &:= 1^2 + 2^1 + 7^1 + 16^2 = 12 + 21 + 71 + 162 \\
 &:= 1^2 + 3^1 + 6^1 + 16^2 = 12 + 31 + 61 + 162 \\
 &:= 1^2 + 4^1 + 5^1 + 16^2 = 12 + 41 + 51 + 162 \\
 &:= 1^5 + 2^3 + 2^8 + 20^0 = 15 + 23 + 28 + 200 \\
 &:= 1^7 + 2^8 + 8^1 + 14^0 = 17 + 28 + 81 + 140 \\
 &:= 1^9 + 2^3 + 4^4 + 18^0 = 19 + 23 + 44 + 180 \\
 &:= 2^1 + 3^1 + 6^2 + 15^2 = 21 + 31 + 62 + 152 \\
 &:= 2^1 + 4^4 + 7^1 + 13^0 = 21 + 44 + 71 + 130 \\
 &:= 2^2 + 3^0 + 6^2 + 15^2 = 22 + 30 + 62 + 152 \\
 &:= 2^7 + 2^7 + 3^2 + 18^0 = 27 + 27 + 32 + 180 \\
 &:= 3^0 + 4^3 + 5^1 + 14^2 = 30 + 43 + 51 + 142 \\
 &:= 3^1 + 4^4 + 6^1 + 13^0 = 31 + 44 + 61 + 130 \\
 &:= 4^1 + 4^4 + 5^1 + 13^0 = 41 + 44 + 51 + 130 \\
 &:= 1^0 + 1^0 + 1^0 + 3^5 + 20^1 = 10 + 10 + 10 + 35 + 201 \\
 &:= 1^0 + 1^0 + 1^3 + 7^1 + 16^2 = 10 + 10 + 13 + 71 + 162 \\
 &:= 1^0 + 1^0 + 2^2 + 8^2 + 14^2 = 10 + 10 + 22 + 82 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^0 + 6^2 + 6^3 + 12^1 = 10 + 10 + 62 + 63 + 121 \\
 &:= 1^0 + 1^1 + 1^2 + 7^1 + 16^2 = 10 + 11 + 12 + 71 + 162 \\
 &:= 1^0 + 1^1 + 3^1 + 6^2 + 15^2 = 10 + 11 + 31 + 62 + 152 \\
 &:= 1^0 + 1^1 + 4^4 + 7^1 + 13^0 = 10 + 11 + 44 + 71 + 130 \\
 &:= 1^0 + 1^2 + 2^1 + 6^1 + 16^2 = 10 + 12 + 21 + 61 + 162 \\
 &:= 1^0 + 1^2 + 3^1 + 5^1 + 16^2 = 10 + 12 + 31 + 51 + 162 \\
 &:= 1^0 + 1^2 + 4^1 + 4^1 + 16^2 = 10 + 12 + 41 + 41 + 162 \\
 &:= 1^0 + 1^7 + 2^8 + 7^1 + 14^0 = 10 + 17 + 28 + 71 + 140 \\
 &:= 1^0 + 2^1 + 2^1 + 6^2 + 15^2 = 10 + 21 + 21 + 62 + 152 \\
 &:= 1^0 + 2^1 + 4^4 + 6^1 + 13^0 = 10 + 21 + 44 + 61 + 130 \\
 &:= 1^0 + 2^2 + 2^2 + 5^0 + 16^2 = 10 + 22 + 22 + 50 + 162 \\
 &:= 1^0 + 3^0 + 4^1 + 4^3 + 14^2 = 10 + 30 + 41 + 43 + 142 \\
 &:= 1^0 + 3^1 + 4^4 + 5^1 + 13^0 = 10 + 31 + 44 + 51 + 130 \\
 &:= 1^0 + 4^1 + 4^1 + 4^4 + 13^0 = 10 + 41 + 41 + 44 + 130 \\
 &:= 1^1 + 1^1 + 1^1 + 7^1 + 16^2 = 11 + 11 + 11 + 71 + 162 \\
 &:= 1^1 + 1^1 + 2^1 + 6^1 + 16^2 = 11 + 11 + 21 + 61 + 162 \\
 &:= 1^1 + 1^1 + 3^1 + 5^1 + 16^2 = 11 + 11 + 31 + 51 + 162 \\
 &:= 1^1 + 1^1 + 4^1 + 4^1 + 16^2 = 11 + 11 + 41 + 41 + 162 \\
 &:= 1^1 + 1^6 + 2^8 + 7^1 + 14^0 = 11 + 16 + 28 + 71 + 140 \\
 &:= 1^1 + 2^0 + 4^4 + 7^1 + 12^0 = 11 + 20 + 44 + 71 + 120 \\
 &:= 1^1 + 2^1 + 2^1 + 5^1 + 16^2 = 11 + 21 + 21 + 51 + 162 \\
 &:= 1^1 + 2^1 + 3^1 + 4^1 + 16^2 = 11 + 21 + 31 + 41 + 162 \\
 &:= 1^1 + 2^2 + 3^0 + 4^1 + 16^2 = 11 + 22 + 30 + 41 + 162 \\
 &:= 1^1 + 2^7 + 2^7 + 8^1 + 12^0 = 11 + 27 + 27 + 81 + 120 \\
 &:= 1^1 + 3^0 + 4^4 + 7^1 + 11^0 = 11 + 30 + 44 + 71 + 110 \\
 &:= 1^1 + 3^1 + 3^1 + 3^1 + 16^2 = 11 + 31 + 31 + 31 + 162 \\
 &:= 1^1 + 4^0 + 4^4 + 7^1 + 10^0 = 11 + 40 + 44 + 71 + 100 \\
 &:= 1^1 + 4^4 + 5^0 + 7^1 + 9^0 = 11 + 44 + 50 + 71 + 90
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 4^4 + 6^0 + 7^1 + 8^0 = 11 + 44 + 60 + 71 + 80 \\
 &:= 1^1 + 4^4 + 7^0 + 7^0 + 7^1 = 11 + 44 + 70 + 70 + 71 \\
 &:= 1^2 + 1^5 + 2^8 + 7^1 + 14^0 = 12 + 15 + 28 + 71 + 140 \\
 &:= 1^2 + 1^9 + 4^4 + 7^1 + 12^0 = 12 + 19 + 44 + 71 + 120 \\
 &:= 1^3 + 1^4 + 2^8 + 7^1 + 14^0 = 13 + 14 + 28 + 71 + 140 \\
 &:= 1^3 + 1^8 + 4^4 + 7^1 + 12^0 = 13 + 18 + 44 + 71 + 120 \\
 &:= 1^4 + 1^7 + 4^4 + 7^1 + 12^0 = 14 + 17 + 44 + 71 + 120 \\
 &:= 1^4 + 2^2 + 2^2 + 2^8 + 18^0 = 14 + 22 + 22 + 28 + 180 \\
 &:= 1^4 + 2^4 + 2^5 + 6^3 + 14^0 = 14 + 24 + 25 + 63 + 140 \\
 &:= 1^5 + 1^6 + 4^4 + 7^1 + 12^0 = 15 + 16 + 44 + 71 + 120 \\
 &:= 1^5 + 2^2 + 2^8 + 4^1 + 16^0 = 15 + 22 + 28 + 41 + 160 \\
 &:= 1^5 + 2^7 + 5^3 + 6^0 + 11^1 = 15 + 27 + 53 + 60 + 111 \\
 &:= 1^5 + 2^7 + 6^0 + 6^2 + 10^2 = 15 + 27 + 60 + 62 + 102 \\
 &:= 1^6 + 2^0 + 2^6 + 10^2 + 10^2 = 16 + 20 + 26 + 102 + 102 \\
 &:= 1^6 + 2^1 + 2^8 + 6^1 + 14^0 = 16 + 21 + 28 + 61 + 140 \\
 &:= 1^6 + 2^2 + 2^6 + 6^0 + 14^2 = 16 + 22 + 26 + 60 + 142 \\
 &:= 1^6 + 2^4 + 3^5 + 5^1 + 14^0 = 16 + 24 + 35 + 51 + 140 \\
 &:= 1^6 + 2^5 + 4^2 + 6^3 + 12^0 = 16 + 25 + 42 + 63 + 120 \\
 &:= 1^6 + 2^8 + 3^1 + 5^1 + 14^0 = 16 + 28 + 31 + 51 + 140 \\
 &:= 1^6 + 2^8 + 4^1 + 4^1 + 14^0 = 16 + 28 + 41 + 41 + 140 \\
 &:= 1^7 + 1^9 + 2^6 + 10^2 + 10^2 = 17 + 19 + 26 + 102 + 102 \\
 &:= 1^7 + 2^0 + 2^5 + 6^2 + 14^2 = 17 + 20 + 25 + 62 + 142 \\
 &:= 1^7 + 2^0 + 2^8 + 7^1 + 13^0 = 17 + 20 + 28 + 71 + 130 \\
 &:= 1^7 + 2^3 + 3^5 + 6^0 + 13^1 = 17 + 23 + 35 + 60 + 131 \\
 &:= 1^7 + 2^6 + 4^0 + 4^1 + 14^2 = 17 + 26 + 40 + 41 + 142 \\
 &:= 1^7 + 2^8 + 3^0 + 7^1 + 12^0 = 17 + 28 + 30 + 71 + 120 \\
 &:= 1^7 + 2^8 + 4^0 + 7^1 + 11^0 = 17 + 28 + 40 + 71 + 110 \\
 &:= 1^7 + 2^8 + 5^0 + 7^1 + 10^0 = 17 + 28 + 50 + 71 + 100 \\
 &:= 1^7 + 2^8 + 6^0 + 7^1 + 9^0 = 17 + 28 + 60 + 71 + 90 \\
 &:= 1^7 + 2^8 + 7^0 + 7^1 + 8^0 = 17 + 28 + 70 + 71 + 80 \\
 &:= 1^8 + 1^8 + 2^6 + 10^2 + 10^2 = 18 + 18 + 26 + 102 + 102 \\
 &:= 1^8 + 1^9 + 2^5 + 6^2 + 14^2 = 18 + 19 + 25 + 62 + 142 \\
 &:= 1^8 + 1^9 + 2^8 + 7^1 + 13^0 = 18 + 19 + 28 + 71 + 130 \\
 &:= 1^8 + 2^0 + 2^2 + 3^5 + 17^1 = 18 + 20 + 22 + 35 + 171 \\
 &:= 1^8 + 2^2 + 2^2 + 4^4 + 16^0 = 18 + 22 + 22 + 44 + 160 \\
 &:= 1^8 + 3^2 + 3^5 + 6^0 + 12^1 = 18 + 32 + 35 + 60 + 121 \\
 &:= 1^8 + 3^5 + 4^2 + 5^1 + 12^0 = 18 + 35 + 42 + 51 + 120
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 1^9 + 2^2 + 3^5 + 17^1 = 19 + 19 + 22 + 35 + 171 \\
 &:= 1^9 + 2^2 + 4^0 + 4^3 + 14^2 = 19 + 22 + 40 + 43 + 142 \\
 &:= 1^9 + 2^2 + 4^1 + 4^4 + 14^0 = 19 + 22 + 41 + 44 + 140 \\
 &:= 1^9 + 2^3 + 2^7 + 2^7 + 17^0 = 19 + 23 + 27 + 27 + 170 \\
 &:= 2^0 + 2^0 + 4^1 + 4^3 + 14^2 = 20 + 20 + 41 + 43 + 142 \\
 &:= 2^0 + 2^1 + 4^4 + 6^1 + 12^0 = 20 + 21 + 44 + 61 + 120 \\
 &:= 2^0 + 2^2 + 2^2 + 4^0 + 16^2 = 20 + 22 + 22 + 40 + 162 \\
 &:= 2^0 + 3^1 + 4^4 + 5^1 + 12^0 = 20 + 31 + 44 + 51 + 120 \\
 &:= 2^0 + 4^1 + 4^1 + 4^4 + 12^0 = 20 + 41 + 41 + 44 + 120 \\
 &:= 2^1 + 2^1 + 2^1 + 4^1 + 16^2 = 21 + 21 + 21 + 41 + 162 \\
 &:= 2^1 + 2^1 + 3^1 + 3^1 + 16^2 = 21 + 21 + 31 + 31 + 162 \\
 &:= 2^1 + 2^2 + 3^0 + 3^1 + 16^2 = 21 + 22 + 30 + 31 + 162 \\
 &:= 2^1 + 2^7 + 2^7 + 7^1 + 12^0 = 21 + 27 + 27 + 71 + 120 \\
 &:= 2^1 + 3^0 + 4^4 + 6^1 + 11^0 = 21 + 30 + 44 + 61 + 110 \\
 &:= 2^1 + 4^0 + 4^4 + 6^1 + 10^0 = 21 + 40 + 44 + 61 + 100 \\
 &:= 2^1 + 4^4 + 5^0 + 6^1 + 9^0 = 21 + 44 + 50 + 61 + 90 \\
 &:= 2^1 + 4^4 + 6^0 + 6^1 + 8^0 = 21 + 44 + 60 + 61 + 80 \\
 &:= 2^1 + 4^4 + 6^1 + 7^0 + 7^0 = 21 + 44 + 61 + 70 + 70 \\
 &:= 2^2 + 2^2 + 3^0 + 3^0 + 16^2 = 22 + 22 + 30 + 30 + 162 \\
 &:= 2^4 + 2^4 + 2^6 + 6^0 + 13^2 = 24 + 24 + 26 + 60 + 132 \\
 &:= 2^6 + 2^6 + 4^0 + 5^3 + 12^1 = 26 + 26 + 40 + 53 + 121 \\
 &:= 2^6 + 2^6 + 4^2 + 6^0 + 11^2 = 26 + 26 + 42 + 60 + 112 \\
 &:= 2^6 + 2^7 + 4^0 + 8^2 + 9^1 = 26 + 27 + 40 + 82 + 91 \\
 &:= 2^7 + 2^7 + 3^1 + 6^1 + 12^0 = 27 + 27 + 31 + 61 + 120 \\
 &:= 2^7 + 2^7 + 4^1 + 5^1 + 12^0 = 27 + 27 + 41 + 51 + 120 \\
 &:= 3^0 + 3^1 + 4^4 + 5^1 + 11^0 = 30 + 31 + 44 + 51 + 110 \\
 &:= 3^0 + 4^1 + 4^1 + 4^4 + 11^0 = 30 + 41 + 41 + 44 + 110 \\
 &:= 3^1 + 4^0 + 4^4 + 5^1 + 10^0 = 31 + 40 + 44 + 51 + 100 \\
 &:= 3^1 + 4^4 + 5^0 + 5^1 + 9^0 = 31 + 44 + 50 + 51 + 90 \\
 &:= 3^1 + 4^4 + 5^1 + 6^0 + 8^0 = 31 + 44 + 51 + 60 + 80 \\
 &:= 3^1 + 4^4 + 5^1 + 7^0 + 7^0 = 31 + 44 + 51 + 70 + 70 \\
 &:= 4^0 + 4^1 + 4^1 + 4^4 + 10^0 = 40 + 41 + 41 + 44 + 100 \\
 &:= 4^1 + 4^1 + 4^4 + 5^0 + 9^0 = 41 + 41 + 44 + 50 + 90 \\
 &:= 4^1 + 4^1 + 4^4 + 6^0 + 8^0 = 41 + 41 + 44 + 60 + 80 \\
 &:= 4^1 + 4^1 + 4^4 + 7^0 + 7^0 = 41 + 41 + 44 + 70 + 70
 \end{aligned}$$

2.2.168 Number 267

$$\begin{aligned}
 267 &:= 1^1 + 3^2 + 4^4 + 18^0 &= 11 + 32 + 44 + 180 &:= 1^1 + 1^8 + 2^2 + 3^5 + 18^1 &= 11 + 18 + 22 + 35 + 181 \\
 &:= 1^2 + 4^4 + 9^1 + 12^0 &= 12 + 44 + 91 + 120 &:= 1^1 + 1^9 + 2^3 + 4^4 + 17^0 &= 11 + 19 + 23 + 44 + 170 \\
 &:= 1^2 + 6^3 + 7^2 + 12^0 &= 12 + 63 + 72 + 120 &:= 1^1 + 2^0 + 2^2 + 6^2 + 15^2 &= 11 + 20 + 22 + 62 + 152 \\
 &:= 1^3 + 2^0 + 11^2 + 12^2 &= 13 + 20 + 112 + 122 &:= 1^1 + 2^0 + 4^3 + 5^1 + 14^2 &= 11 + 20 + 43 + 51 + 142 \\
 &:= 1^3 + 3^2 + 6^0 + 16^2 &= 13 + 32 + 60 + 162 &:= 1^1 + 2^1 + 4^4 + 7^1 + 12^0 &= 11 + 21 + 44 + 71 + 120 \\
 &:= 1^4 + 1^9 + 11^2 + 12^2 &= 14 + 19 + 112 + 122 &:= 1^1 + 2^7 + 2^7 + 3^2 + 17^0 &= 11 + 27 + 27 + 32 + 170 \\
 &:= 1^5 + 1^8 + 11^2 + 12^2 &= 15 + 18 + 112 + 122 &:= 1^1 + 3^1 + 4^4 + 6^1 + 12^0 &= 11 + 31 + 44 + 61 + 120 \\
 &:= 1^6 + 1^7 + 11^2 + 12^2 &= 16 + 17 + 112 + 122 &:= 1^1 + 4^1 + 4^4 + 5^1 + 12^0 &= 11 + 41 + 44 + 51 + 120 \\
 &:= 1^7 + 2^8 + 3^2 + 19^0 &= 17 + 28 + 32 + 190 &:= 1^2 + 1^4 + 2^3 + 2^8 + 19^0 &= 12 + 14 + 23 + 28 + 190 \\
 &:= 1^8 + 2^8 + 9^1 + 13^0 &= 18 + 28 + 91 + 130 &:= 1^2 + 1^6 + 2^5 + 8^2 + 13^2 &= 12 + 16 + 25 + 82 + 132 \\
 &:= 1^9 + 2^2 + 3^5 + 19^1 &= 19 + 22 + 35 + 191 &:= 1^2 + 1^6 + 2^8 + 8^1 + 13^0 &= 12 + 16 + 28 + 81 + 130 \\
 &:= 1^9 + 2^4 + 9^2 + 13^2 &= 19 + 24 + 92 + 132 &:= 1^2 + 1^7 + 2^2 + 3^5 + 18^1 &= 12 + 17 + 22 + 35 + 181 \\
 &:= 2^0 + 4^3 + 9^2 + 11^2 &= 20 + 43 + 92 + 112 &:= 1^2 + 1^8 + 2^3 + 4^4 + 17^0 &= 12 + 18 + 23 + 44 + 170 \\
 &:= 2^2 + 4^4 + 6^1 + 14^0 &= 22 + 44 + 61 + 140 &:= 1^2 + 1^9 + 2^2 + 6^2 + 15^2 &= 12 + 19 + 22 + 62 + 152 \\
 &:= 5^2 + 5^2 + 6^3 + 10^0 &= 52 + 52 + 63 + 100 &:= 1^2 + 1^9 + 4^3 + 5^1 + 14^2 &= 12 + 19 + 43 + 51 + 142 \\
 &:= 1^0 + 1^0 + 2^3 + 4^4 + 18^0 &= 10 + 10 + 23 + 44 + 180 &:= 1^2 + 2^0 + 2^2 + 5^1 + 16^2 &= 12 + 20 + 22 + 51 + 162 \\
 &:= 1^0 + 1^2 + 2^3 + 6^0 + 16^2 &= 10 + 12 + 23 + 60 + 162 &:= 1^2 + 2^0 + 2^3 + 5^0 + 16^2 &= 12 + 20 + 23 + 50 + 162 \\
 &:= 1^0 + 1^2 + 4^4 + 8^1 + 12^0 &= 10 + 12 + 44 + 81 + 120 &:= 1^2 + 2^0 + 4^4 + 8^1 + 11^0 &= 12 + 20 + 44 + 81 + 110 \\
 &:= 1^0 + 1^6 + 2^3 + 2^8 + 19^0 &= 10 + 16 + 23 + 28 + 190 &:= 1^2 + 2^3 + 3^0 + 4^0 + 16^2 &= 12 + 23 + 30 + 40 + 162 \\
 &:= 1^0 + 1^8 + 2^5 + 8^2 + 13^2 &= 10 + 18 + 25 + 82 + 132 &:= 1^2 + 2^7 + 2^7 + 9^1 + 11^0 &= 12 + 27 + 27 + 91 + 110 \\
 &:= 1^0 + 1^8 + 2^8 + 8^1 + 13^0 &= 10 + 18 + 28 + 81 + 130 &:= 1^2 + 3^0 + 4^4 + 8^1 + 10^0 &= 12 + 30 + 44 + 81 + 100 \\
 &:= 1^0 + 1^9 + 2^2 + 3^5 + 18^1 &= 10 + 19 + 22 + 35 + 181 &:= 1^2 + 4^0 + 4^4 + 8^1 + 9^0 &= 12 + 40 + 44 + 81 + 90 \\
 &:= 1^0 + 2^0 + 2^3 + 4^4 + 17^0 &= 10 + 20 + 23 + 44 + 170 &:= 1^2 + 4^4 + 5^0 + 8^0 + 8^1 &= 12 + 44 + 50 + 80 + 81 \\
 &:= 1^0 + 2^2 + 4^4 + 5^1 + 14^0 &= 10 + 22 + 44 + 51 + 140 &:= 1^2 + 4^4 + 6^0 + 7^0 + 8^1 &= 12 + 44 + 60 + 70 + 81 \\
 &:= 1^0 + 2^3 + 3^0 + 4^4 + 16^0 &= 10 + 23 + 30 + 44 + 160 &:= 1^3 + 1^3 + 2^3 + 2^8 + 19^0 &= 13 + 13 + 23 + 28 + 190 \\
 &:= 1^0 + 2^3 + 4^0 + 4^4 + 15^0 &= 10 + 23 + 40 + 44 + 150 &:= 1^3 + 1^5 + 2^5 + 8^2 + 13^2 &= 13 + 15 + 25 + 82 + 132 \\
 &:= 1^0 + 2^3 + 4^4 + 5^0 + 14^0 &= 10 + 23 + 44 + 50 + 140 &:= 1^3 + 1^5 + 2^8 + 8^1 + 13^0 &= 13 + 15 + 28 + 81 + 130 \\
 &:= 1^0 + 2^3 + 4^4 + 6^0 + 13^0 &= 10 + 23 + 44 + 60 + 130 &:= 1^3 + 1^6 + 2^2 + 3^5 + 18^1 &= 13 + 16 + 22 + 35 + 181 \\
 &:= 1^0 + 2^3 + 4^4 + 7^0 + 12^0 &= 10 + 23 + 44 + 70 + 120 &:= 1^3 + 1^7 + 2^3 + 4^4 + 17^0 &= 13 + 17 + 23 + 44 + 170 \\
 &:= 1^0 + 2^3 + 4^4 + 8^0 + 11^0 &= 10 + 23 + 44 + 80 + 110 &:= 1^3 + 1^8 + 2^2 + 6^2 + 15^2 &= 13 + 18 + 22 + 62 + 152 \\
 &:= 1^0 + 2^3 + 4^4 + 9^0 + 10^0 &= 10 + 23 + 44 + 90 + 100 &:= 1^3 + 1^8 + 4^3 + 5^1 + 14^2 &= 13 + 18 + 43 + 51 + 142 \\
 &:= 1^1 + 1^1 + 2^3 + 6^0 + 16^2 &= 11 + 11 + 23 + 60 + 162 &:= 1^3 + 1^9 + 2^2 + 5^1 + 16^2 &= 13 + 19 + 22 + 51 + 162 \\
 &:= 1^1 + 1^1 + 4^4 + 8^1 + 12^0 &= 11 + 11 + 44 + 81 + 120 &:= 1^3 + 1^9 + 2^3 + 5^0 + 16^2 &= 13 + 19 + 23 + 50 + 162 \\
 &:= 1^1 + 1^5 + 2^3 + 2^8 + 19^0 &= 11 + 15 + 23 + 28 + 190 &:= 1^3 + 1^9 + 4^4 + 8^1 + 11^0 &= 13 + 19 + 44 + 81 + 110 \\
 &:= 1^1 + 1^7 + 2^5 + 8^2 + 13^2 &= 11 + 17 + 25 + 82 + 132 &:= 1^3 + 2^5 + 2^5 + 9^2 + 11^2 &= 13 + 25 + 25 + 92 + 112 \\
 &:= 1^1 + 1^7 + 2^8 + 8^1 + 13^0 &= 11 + 17 + 28 + 81 + 130 &:= 1^4 + 1^4 + 2^5 + 8^2 + 13^2 &= 14 + 14 + 25 + 82 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^4 + 2^8 + 8^1 + 13^0 = 14 + 14 + 28 + 81 + 130 \\ &:= 1^4 + 1^5 + 2^2 + 3^5 + 18^1 = 14 + 15 + 22 + 35 + 181 \\ &:= 1^4 + 1^6 + 2^3 + 4^4 + 17^0 = 14 + 16 + 23 + 44 + 170 \\ &:= 1^4 + 1^7 + 2^2 + 6^2 + 15^2 = 14 + 17 + 22 + 62 + 152 \\ &:= 1^4 + 1^7 + 4^3 + 5^1 + 14^2 = 14 + 17 + 43 + 51 + 142 \\ &:= 1^4 + 1^8 + 2^2 + 5^1 + 16^2 = 14 + 18 + 22 + 51 + 162 \\ &:= 1^4 + 1^8 + 2^3 + 5^0 + 16^2 = 14 + 18 + 23 + 50 + 162 \\ &:= 1^4 + 1^8 + 4^4 + 8^1 + 11^0 = 14 + 18 + 44 + 81 + 110 \\ &:= 1^4 + 2^3 + 2^7 + 9^1 + 11^2 = 14 + 23 + 27 + 91 + 112 \\ &:= 1^4 + 2^4 + 2^5 + 7^2 + 13^2 = 14 + 24 + 25 + 72 + 132 \\ &:= 1^4 + 2^4 + 2^7 + 9^0 + 11^2 = 14 + 24 + 27 + 90 + 112 \\ &:= 1^4 + 2^5 + 2^5 + 6^1 + 14^2 = 14 + 25 + 25 + 61 + 142 \\ &:= 1^4 + 2^5 + 2^6 + 7^0 + 13^2 = 14 + 25 + 26 + 70 + 132 \\ &:= 1^4 + 2^6 + 4^3 + 5^3 + 13^1 = 14 + 26 + 43 + 53 + 131 \\ &:= 1^4 + 2^7 + 4^3 + 8^2 + 10^1 = 14 + 27 + 43 + 82 + 101 \\ &:= 1^5 + 1^5 + 2^3 + 4^4 + 17^0 = 15 + 15 + 23 + 44 + 170 \\ &:= 1^5 + 1^6 + 2^2 + 6^2 + 15^2 = 15 + 16 + 22 + 62 + 152 \\ &:= 1^5 + 1^6 + 4^3 + 5^1 + 14^2 = 15 + 16 + 43 + 51 + 142 \\ &:= 1^5 + 1^7 + 2^2 + 5^1 + 16^2 = 15 + 17 + 22 + 51 + 162 \\ &:= 1^5 + 1^7 + 2^3 + 5^0 + 16^2 = 15 + 17 + 23 + 50 + 162 \\ &:= 1^5 + 1^7 + 4^4 + 8^1 + 11^0 = 15 + 17 + 44 + 81 + 110 \\ &:= 1^5 + 2^5 + 4^3 + 7^2 + 11^2 = 15 + 25 + 43 + 72 + 112 \\ &:= 1^5 + 2^6 + 3^2 + 7^2 + 12^2 = 15 + 26 + 32 + 72 + 122 \\ &:= 1^5 + 2^6 + 3^3 + 6^1 + 13^2 = 15 + 26 + 33 + 61 + 132 \\ &:= 1^5 + 2^7 + 3^2 + 8^1 + 11^2 = 15 + 27 + 32 + 81 + 112 \\ &:= 1^6 + 1^6 + 2^2 + 5^1 + 16^2 = 16 + 16 + 22 + 51 + 162 \\ &:= 1^6 + 1^6 + 2^3 + 5^0 + 16^2 = 16 + 16 + 23 + 50 + 162 \\ &:= 1^6 + 1^6 + 4^4 + 8^1 + 11^0 = 16 + 16 + 44 + 81 + 110 \\ &:= 1^6 + 2^0 + 2^3 + 2^8 + 18^0 = 16 + 20 + 23 + 28 + 180 \\ &:= 1^6 + 2^1 + 2^6 + 10^2 + 10^2 = 16 + 21 + 26 + 102 + 102 \\ &:= 1^6 + 2^2 + 2^5 + 6^3 + 14^1 = 16 + 22 + 25 + 63 + 141 \\ &:= 1^6 + 2^2 + 2^8 + 5^1 + 15^0 = 16 + 22 + 28 + 51 + 150 \\ &:= 1^6 + 2^3 + 2^8 + 10^0 + 10^0 = 16 + 23 + 28 + 100 + 100 \\ &:= 1^6 + 2^3 + 2^8 + 3^0 + 17^0 = 16 + 23 + 28 + 30 + 170 \\ &:= 1^6 + 2^3 + 2^8 + 4^0 + 16^0 = 16 + 23 + 28 + 40 + 160 \\ &:= 1^6 + 2^3 + 2^8 + 5^0 + 15^0 = 16 + 23 + 28 + 50 + 150 \\ &:= 1^6 + 2^3 + 2^8 + 6^0 + 14^0 = 16 + 23 + 28 + 60 + 140 \\ &:= 1^6 + 2^3 + 2^8 + 7^0 + 13^0 = 16 + 23 + 28 + 70 + 130 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 2^3 + 2^8 + 8^0 + 12^0 = 16 + 23 + 28 + 80 + 120 \\ &:= 1^6 + 2^3 + 2^8 + 9^0 + 11^0 = 16 + 23 + 28 + 90 + 110 \\ &:= 1^6 + 2^7 + 4^2 + 7^0 + 11^2 = 16 + 27 + 42 + 70 + 112 \\ &:= 1^6 + 2^7 + 5^0 + 5^3 + 12^1 = 16 + 27 + 50 + 53 + 121 \\ &:= 1^7 + 1^9 + 2^3 + 2^8 + 18^0 = 17 + 19 + 23 + 28 + 180 \\ &:= 1^7 + 2^1 + 2^5 + 6^2 + 14^2 = 17 + 21 + 25 + 62 + 142 \\ &:= 1^7 + 2^1 + 2^8 + 7^1 + 13^0 = 17 + 21 + 28 + 71 + 130 \\ &:= 1^7 + 2^2 + 2^5 + 5^1 + 15^2 = 17 + 22 + 25 + 51 + 152 \\ &:= 1^7 + 2^2 + 3^4 + 9^2 + 10^2 = 17 + 22 + 34 + 92 + 102 \\ &:= 1^7 + 2^3 + 2^3 + 5^2 + 15^2 = 17 + 23 + 23 + 52 + 152 \\ &:= 1^7 + 2^3 + 2^5 + 5^0 + 15^2 = 17 + 23 + 25 + 50 + 152 \\ &:= 1^7 + 2^3 + 4^3 + 5^2 + 13^2 = 17 + 23 + 43 + 52 + 132 \\ &:= 1^7 + 2^4 + 3^2 + 4^2 + 15^2 = 17 + 24 + 32 + 42 + 152 \\ &:= 1^7 + 2^4 + 3^5 + 6^1 + 13^0 = 17 + 24 + 35 + 61 + 130 \\ &:= 1^7 + 2^5 + 4^3 + 5^0 + 13^2 = 17 + 25 + 43 + 50 + 132 \\ &:= 1^7 + 2^8 + 3^1 + 6^1 + 13^0 = 17 + 28 + 31 + 61 + 130 \\ &:= 1^7 + 2^8 + 4^1 + 5^1 + 13^0 = 17 + 28 + 41 + 51 + 130 \\ &:= 1^7 + 3^3 + 3^3 + 4^2 + 14^2 = 17 + 33 + 33 + 42 + 142 \\ &:= 1^7 + 3^4 + 4^2 + 5^2 + 12^2 = 17 + 34 + 42 + 52 + 122 \\ &:= 1^8 + 1^8 + 2^3 + 2^8 + 18^0 = 18 + 18 + 23 + 28 + 180 \\ &:= 1^8 + 2^0 + 2^8 + 8^1 + 12^0 = 18 + 20 + 28 + 81 + 120 \\ &:= 1^8 + 2^1 + 2^2 + 3^5 + 17^1 = 18 + 21 + 22 + 35 + 171 \\ &:= 1^8 + 2^2 + 3^1 + 3^5 + 16^1 = 18 + 22 + 31 + 35 + 161 \\ &:= 1^8 + 2^2 + 3^5 + 4^1 + 15^1 = 18 + 22 + 35 + 41 + 151 \\ &:= 1^8 + 2^2 + 3^5 + 5^1 + 14^1 = 18 + 22 + 35 + 51 + 141 \\ &:= 1^8 + 2^2 + 3^5 + 6^1 + 13^1 = 18 + 22 + 35 + 61 + 131 \\ &:= 1^8 + 2^2 + 3^5 + 7^1 + 12^1 = 18 + 22 + 35 + 71 + 121 \\ &:= 1^8 + 2^2 + 3^5 + 8^1 + 11^1 = 18 + 22 + 35 + 81 + 111 \\ &:= 1^8 + 2^2 + 3^5 + 9^1 + 10^1 = 18 + 22 + 35 + 91 + 101 \\ &:= 1^8 + 2^2 + 5^3 + 5^3 + 12^1 = 18 + 22 + 53 + 53 + 121 \\ &:= 1^8 + 2^3 + 3^5 + 5^0 + 14^1 = 18 + 23 + 35 + 50 + 141 \\ &:= 1^8 + 2^6 + 3^0 + 5^1 + 14^2 = 18 + 26 + 30 + 51 + 142 \\ &:= 1^8 + 2^8 + 3^0 + 8^1 + 11^0 = 18 + 28 + 30 + 81 + 110 \\ &:= 1^8 + 2^8 + 4^0 + 8^1 + 10^0 = 18 + 28 + 40 + 81 + 100 \\ &:= 1^8 + 2^8 + 5^0 + 8^1 + 9^0 = 18 + 28 + 50 + 81 + 90 \\ &:= 1^8 + 2^8 + 6^0 + 8^0 + 8^1 = 18 + 28 + 60 + 80 + 81 \\ &:= 1^8 + 2^8 + 7^0 + 7^0 + 8^1 = 18 + 28 + 70 + 70 + 81 \\ &:= 1^8 + 4^2 + 5^2 + 5^3 + 10^2 = 18 + 42 + 52 + 53 + 102 \end{aligned}$$

$:= 1^9 + 1^9 + 2^8 + 8^1 + 12^0 = 19 + 19 + 28 + 81 + 120$	$:= 2^3 + 3^0 + 3^0 + 4^4 + 14^0 = 23 + 30 + 30 + 44 + 140$
$:= 1^9 + 2^2 + 6^2 + 6^3 + 10^1 = 19 + 22 + 62 + 63 + 101$	$:= 2^3 + 3^0 + 4^0 + 4^4 + 13^0 = 23 + 30 + 40 + 44 + 130$
$:= 1^9 + 3^2 + 3^5 + 5^0 + 13^1 = 19 + 32 + 35 + 50 + 131$	$:= 2^3 + 3^0 + 4^4 + 5^0 + 12^0 = 23 + 30 + 44 + 50 + 120$
$:= 1^9 + 3^5 + 4^2 + 6^1 + 11^0 = 19 + 35 + 42 + 61 + 110$	$:= 2^3 + 3^0 + 4^4 + 6^0 + 11^0 = 23 + 30 + 44 + 60 + 110$
$:= 1^9 + 4^1 + 4^2 + 5^3 + 11^2 = 19 + 41 + 42 + 53 + 112$	$:= 2^3 + 3^0 + 4^4 + 7^0 + 10^0 = 23 + 30 + 44 + 70 + 100$
$:= 1^9 + 4^2 + 5^2 + 6^3 + 9^1 = 19 + 42 + 52 + 63 + 91$	$:= 2^3 + 3^0 + 4^4 + 8^0 + 9^0 = 23 + 30 + 44 + 80 + 90$
$:= 2^0 + 2^0 + 2^3 + 4^4 + 16^0 = 20 + 20 + 23 + 44 + 160$	$:= 2^3 + 4^0 + 4^0 + 4^4 + 12^0 = 23 + 40 + 40 + 44 + 120$
$:= 2^0 + 2^1 + 4^1 + 4^3 + 14^2 = 20 + 21 + 41 + 43 + 142$	$:= 2^3 + 4^0 + 4^4 + 5^0 + 11^0 = 23 + 40 + 44 + 50 + 110$
$:= 2^0 + 2^2 + 4^4 + 5^1 + 13^0 = 20 + 22 + 44 + 51 + 130$	$:= 2^3 + 4^0 + 4^4 + 6^0 + 10^0 = 23 + 40 + 44 + 60 + 100$
$:= 2^0 + 2^3 + 3^0 + 4^4 + 15^0 = 20 + 23 + 30 + 44 + 150$	$:= 2^3 + 4^0 + 4^4 + 7^0 + 9^0 = 23 + 40 + 44 + 70 + 90$
$:= 2^0 + 2^3 + 4^0 + 4^4 + 14^0 = 20 + 23 + 40 + 44 + 140$	$:= 2^3 + 4^0 + 4^4 + 8^0 + 8^0 = 23 + 40 + 44 + 80 + 80$
$:= 2^0 + 2^3 + 4^4 + 5^0 + 13^0 = 20 + 23 + 44 + 50 + 130$	$:= 2^3 + 4^4 + 5^0 + 5^0 + 10^0 = 23 + 44 + 50 + 50 + 100$
$:= 2^0 + 2^3 + 4^4 + 6^0 + 12^0 = 20 + 23 + 44 + 60 + 120$	$:= 2^3 + 4^4 + 5^0 + 6^0 + 9^0 = 23 + 44 + 50 + 60 + 90$
$:= 2^0 + 2^3 + 4^4 + 7^0 + 11^0 = 20 + 23 + 44 + 70 + 110$	$:= 2^3 + 4^4 + 5^0 + 7^0 + 8^0 = 23 + 44 + 50 + 70 + 80$
$:= 2^0 + 2^3 + 4^4 + 8^0 + 10^0 = 20 + 23 + 44 + 80 + 100$	$:= 2^3 + 4^4 + 6^0 + 6^0 + 8^0 = 23 + 44 + 60 + 60 + 80$
$:= 2^0 + 2^3 + 4^4 + 9^0 + 9^0 = 20 + 23 + 44 + 90 + 90$	$:= 2^3 + 4^4 + 6^0 + 7^0 + 7^0 = 23 + 44 + 60 + 70 + 70$
$:= 2^0 + 3^1 + 3^1 + 4^3 + 14^2 = 20 + 31 + 31 + 43 + 142$	$:= 2^4 + 2^5 + 3^4 + 5^3 + 13^1 = 24 + 25 + 34 + 53 + 131$
$:= 2^1 + 2^1 + 4^4 + 6^1 + 12^0 = 21 + 21 + 44 + 61 + 120$	$:= 2^4 + 2^7 + 4^3 + 7^2 + 10^1 = 24 + 27 + 43 + 72 + 101$
$:= 2^1 + 2^2 + 2^2 + 4^0 + 16^2 = 21 + 22 + 22 + 40 + 162$	$:= 2^5 + 2^6 + 3^2 + 9^2 + 9^2 = 25 + 26 + 32 + 92 + 92$
$:= 2^1 + 3^1 + 4^4 + 5^1 + 12^0 = 21 + 31 + 44 + 51 + 120$	$:= 2^5 + 2^6 + 4^3 + 7^1 + 10^2 = 25 + 26 + 43 + 71 + 102$
$:= 2^1 + 4^1 + 4^1 + 4^4 + 12^0 = 21 + 41 + 41 + 44 + 120$	$:= 2^5 + 2^6 + 5^2 + 5^2 + 11^2 = 25 + 26 + 52 + 52 + 112$
$:= 2^2 + 2^7 + 2^7 + 6^1 + 13^0 = 22 + 27 + 27 + 61 + 130$	$:= 2^5 + 2^6 + 5^3 + 6^2 + 10^1 = 25 + 26 + 53 + 62 + 101$
$:= 2^2 + 3^0 + 4^4 + 5^1 + 12^0 = 22 + 30 + 44 + 51 + 120$	$:= 2^5 + 2^7 + 6^2 + 7^1 + 8^2 = 25 + 27 + 62 + 71 + 82$
$:= 2^2 + 4^0 + 4^4 + 5^1 + 11^0 = 22 + 40 + 44 + 51 + 110$	$:= 2^6 + 2^7 + 4^3 + 7^0 + 10^1 = 26 + 27 + 43 + 70 + 101$
$:= 2^2 + 4^4 + 5^0 + 5^1 + 10^0 = 22 + 44 + 50 + 51 + 100$	$:= 2^6 + 2^7 + 5^2 + 7^2 + 9^0 = 26 + 27 + 52 + 72 + 90$
$:= 2^2 + 4^4 + 5^1 + 6^0 + 9^0 = 22 + 44 + 51 + 60 + 90$	$:= 3^1 + 3^1 + 4^1 + 4^4 + 12^0 = 31 + 31 + 41 + 44 + 120$
$:= 2^2 + 4^4 + 5^1 + 7^0 + 8^0 = 22 + 44 + 51 + 70 + 80$	

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$268 := 2^2 + 3^5 + 21^1 = 22 + 35 + 211$	$:= 2^2 + 2^2 + 8^2 + 14^2 = 22 + 22 + 82 + 142$
$:= 1^0 + 2^2 + 3^5 + 20^1 = 10 + 22 + 35 + 201$	$:= 2^2 + 6^2 + 6^3 + 12^1 = 22 + 62 + 63 + 121$
$:= 1^2 + 4^3 + 7^1 + 14^2 = 12 + 43 + 71 + 142$	$:= 2^3 + 3^1 + 4^4 + 17^0 = 23 + 31 + 44 + 170$
$:= 1^3 + 2^1 + 11^2 + 12^2 = 13 + 21 + 112 + 122$	$:= 3^2 + 3^2 + 5^2 + 15^2 = 32 + 32 + 52 + 152$
$:= 1^3 + 2^2 + 7^1 + 16^2 = 13 + 22 + 71 + 162$	$:= 3^2 + 3^5 + 5^0 + 15^1 = 32 + 35 + 50 + 151$
$:= 1^3 + 4^4 + 10^1 + 11^0 = 13 + 44 + 101 + 110$	$:= 3^5 + 4^2 + 8^1 + 11^0 = 35 + 42 + 81 + 110$
$:= 1^9 + 2^8 + 10^1 + 12^0 = 19 + 28 + 101 + 120$	$:= 4^2 + 5^2 + 6^3 + 11^1 = 42 + 52 + 63 + 111$
$:= 2^1 + 4^3 + 9^2 + 11^2 = 21 + 43 + 92 + 112$	$:= 4^2 + 5^3 + 6^1 + 11^2 = 42 + 53 + 61 + 112$

$$\begin{aligned}
 &:= 1^0 + 1^0 + 1^4 + 11^2 + 12^2 = 10 + 10 + 14 + 112 + 122 \\
 &:= 1^0 + 1^0 + 2^2 + 3^5 + 19^1 = 10 + 10 + 22 + 35 + 191 \\
 &:= 1^0 + 1^0 + 2^4 + 9^2 + 13^2 = 10 + 10 + 24 + 92 + 132 \\
 &:= 1^0 + 1^1 + 1^3 + 11^2 + 12^2 = 10 + 11 + 13 + 112 + 122 \\
 &:= 1^0 + 1^1 + 4^3 + 9^2 + 11^2 = 10 + 11 + 43 + 92 + 112 \\
 &:= 1^0 + 1^2 + 1^2 + 11^2 + 12^2 = 10 + 12 + 12 + 112 + 122 \\
 &:= 1^0 + 1^2 + 3^2 + 4^4 + 17^0 = 10 + 12 + 32 + 44 + 170 \\
 &:= 1^0 + 1^2 + 4^2 + 5^2 + 15^2 = 10 + 12 + 42 + 52 + 152 \\
 &:= 1^0 + 1^2 + 4^3 + 6^1 + 14^2 = 10 + 12 + 43 + 61 + 142 \\
 &:= 1^0 + 1^3 + 2^2 + 6^1 + 16^2 = 10 + 13 + 22 + 61 + 162 \\
 &:= 1^0 + 1^3 + 4^4 + 9^1 + 11^0 = 10 + 13 + 44 + 91 + 110 \\
 &:= 1^0 + 1^3 + 6^3 + 7^2 + 11^0 = 10 + 13 + 63 + 72 + 110 \\
 &:= 1^0 + 1^4 + 3^2 + 5^0 + 16^2 = 10 + 14 + 32 + 50 + 162 \\
 &:= 1^0 + 1^8 + 2^8 + 3^2 + 18^0 = 10 + 18 + 28 + 32 + 180 \\
 &:= 1^0 + 1^9 + 2^8 + 9^1 + 12^0 = 10 + 19 + 28 + 91 + 120 \\
 &:= 1^0 + 2^1 + 2^3 + 4^4 + 17^0 = 10 + 21 + 23 + 44 + 170 \\
 &:= 1^0 + 2^2 + 6^2 + 6^3 + 11^1 = 10 + 22 + 62 + 63 + 111 \\
 &:= 1^0 + 2^4 + 3^0 + 5^2 + 15^2 = 10 + 24 + 30 + 52 + 152 \\
 &:= 1^0 + 3^0 + 3^4 + 8^2 + 11^2 = 10 + 30 + 34 + 82 + 112 \\
 &:= 1^0 + 3^2 + 3^5 + 5^0 + 14^1 = 10 + 32 + 35 + 50 + 141 \\
 &:= 1^0 + 3^4 + 4^2 + 5^0 + 13^2 = 10 + 34 + 42 + 50 + 132 \\
 &:= 1^0 + 3^5 + 4^2 + 7^1 + 11^0 = 10 + 35 + 42 + 71 + 110 \\
 &:= 1^0 + 4^2 + 5^1 + 5^3 + 11^2 = 10 + 42 + 51 + 53 + 112 \\
 &:= 1^0 + 4^2 + 5^2 + 6^3 + 10^1 = 10 + 42 + 52 + 63 + 101 \\
 &:= 1^0 + 4^2 + 5^3 + 5^3 + 11^0 = 10 + 42 + 53 + 53 + 110 \\
 &:= 1^1 + 1^1 + 1^2 + 11^2 + 12^2 = 11 + 11 + 12 + 112 + 122 \\
 &:= 1^1 + 1^1 + 3^2 + 4^4 + 17^0 = 11 + 11 + 32 + 44 + 170 \\
 &:= 1^1 + 1^1 + 4^2 + 5^2 + 15^2 = 11 + 11 + 42 + 52 + 152 \\
 &:= 1^1 + 1^1 + 4^3 + 6^1 + 14^2 = 11 + 11 + 43 + 61 + 142 \\
 &:= 1^1 + 1^2 + 2^2 + 6^1 + 16^2 = 11 + 12 + 22 + 61 + 162 \\
 &:= 1^1 + 1^2 + 4^4 + 9^1 + 11^0 = 11 + 12 + 44 + 91 + 110 \\
 &:= 1^1 + 1^2 + 6^3 + 7^2 + 11^0 = 11 + 12 + 63 + 72 + 110 \\
 &:= 1^1 + 1^3 + 3^2 + 5^0 + 16^2 = 11 + 13 + 32 + 50 + 162 \\
 &:= 1^1 + 1^7 + 2^8 + 3^2 + 18^0 = 11 + 17 + 28 + 32 + 180 \\
 &:= 1^1 + 1^8 + 2^8 + 9^1 + 12^0 = 11 + 18 + 28 + 91 + 120 \\
 &:= 1^1 + 2^1 + 2^2 + 6^2 + 15^2 = 11 + 21 + 22 + 62 + 152 \\
 &:= 1^1 + 2^1 + 4^3 + 5^1 + 14^2 = 11 + 21 + 43 + 51 + 142 \\
 &:= 1^1 + 2^2 + 4^4 + 6^1 + 13^0 = 11 + 22 + 44 + 61 + 130
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 3^1 + 4^1 + 4^3 + 14^2 = 11 + 31 + 41 + 43 + 142 \\
 &:= 1^1 + 5^2 + 5^2 + 6^3 + 9^0 = 11 + 52 + 52 + 63 + 90 \\
 &:= 1^2 + 1^2 + 3^2 + 5^0 + 16^2 = 12 + 12 + 32 + 50 + 162 \\
 &:= 1^2 + 1^6 + 2^8 + 3^2 + 18^0 = 12 + 16 + 28 + 32 + 180 \\
 &:= 1^2 + 1^7 + 2^8 + 9^1 + 12^0 = 12 + 17 + 28 + 91 + 120 \\
 &:= 1^2 + 2^0 + 3^2 + 4^4 + 16^0 = 12 + 20 + 32 + 44 + 160 \\
 &:= 1^2 + 2^1 + 2^2 + 5^1 + 16^2 = 12 + 21 + 22 + 51 + 162 \\
 &:= 1^2 + 2^1 + 2^3 + 5^0 + 16^2 = 12 + 21 + 23 + 50 + 162 \\
 &:= 1^2 + 2^1 + 4^4 + 8^1 + 11^0 = 12 + 21 + 44 + 81 + 110 \\
 &:= 1^2 + 2^2 + 3^1 + 4^1 + 16^2 = 12 + 22 + 31 + 41 + 162 \\
 &:= 1^2 + 3^0 + 3^2 + 4^4 + 15^0 = 12 + 30 + 32 + 44 + 150 \\
 &:= 1^2 + 3^1 + 4^4 + 7^1 + 11^0 = 12 + 31 + 44 + 71 + 110 \\
 &:= 1^2 + 3^2 + 4^0 + 4^4 + 14^0 = 12 + 32 + 40 + 44 + 140 \\
 &:= 1^2 + 3^2 + 4^4 + 5^0 + 13^0 = 12 + 32 + 44 + 50 + 130 \\
 &:= 1^2 + 3^2 + 4^4 + 6^0 + 12^0 = 12 + 32 + 44 + 60 + 120 \\
 &:= 1^2 + 3^2 + 4^4 + 7^0 + 11^0 = 12 + 32 + 44 + 70 + 110 \\
 &:= 1^2 + 3^2 + 4^4 + 8^0 + 10^0 = 12 + 32 + 44 + 80 + 100 \\
 &:= 1^2 + 3^2 + 4^4 + 9^0 + 9^0 = 12 + 32 + 44 + 90 + 90 \\
 &:= 1^2 + 4^1 + 4^4 + 6^1 + 11^0 = 12 + 41 + 44 + 61 + 110 \\
 &:= 1^2 + 4^4 + 5^1 + 5^1 + 11^0 = 12 + 44 + 51 + 51 + 110 \\
 &:= 1^3 + 1^5 + 2^8 + 3^2 + 18^0 = 13 + 15 + 28 + 32 + 180 \\
 &:= 1^3 + 1^6 + 2^8 + 9^1 + 12^0 = 13 + 16 + 28 + 91 + 120 \\
 &:= 1^3 + 1^9 + 3^2 + 4^4 + 16^0 = 13 + 19 + 32 + 44 + 160 \\
 &:= 1^3 + 2^0 + 4^4 + 9^1 + 10^0 = 13 + 20 + 44 + 91 + 100 \\
 &:= 1^3 + 2^0 + 6^3 + 7^2 + 10^0 = 13 + 20 + 63 + 72 + 100 \\
 &:= 1^3 + 2^7 + 2^7 + 10^0 + 10^1 = 13 + 27 + 27 + 100 + 101 \\
 &:= 1^3 + 3^0 + 4^4 + 9^0 + 9^1 = 13 + 30 + 44 + 90 + 91 \\
 &:= 1^3 + 3^0 + 6^3 + 7^2 + 9^0 = 13 + 30 + 63 + 72 + 90 \\
 &:= 1^3 + 4^0 + 4^4 + 8^0 + 9^1 = 13 + 40 + 44 + 80 + 91 \\
 &:= 1^3 + 4^0 + 6^3 + 7^2 + 8^0 = 13 + 40 + 63 + 72 + 80 \\
 &:= 1^3 + 4^4 + 5^0 + 7^0 + 9^1 = 13 + 44 + 50 + 70 + 91 \\
 &:= 1^3 + 4^4 + 6^0 + 6^0 + 9^1 = 13 + 44 + 60 + 60 + 91 \\
 &:= 1^3 + 5^0 + 6^3 + 7^0 + 7^2 = 13 + 50 + 63 + 70 + 72 \\
 &:= 1^3 + 6^0 + 6^0 + 6^3 + 7^2 = 13 + 60 + 60 + 63 + 72 \\
 &:= 1^4 + 1^4 + 2^8 + 3^2 + 18^0 = 14 + 14 + 28 + 32 + 180 \\
 &:= 1^4 + 1^5 + 2^8 + 9^1 + 12^0 = 14 + 15 + 28 + 91 + 120 \\
 &:= 1^4 + 1^8 + 3^2 + 4^4 + 16^0 = 14 + 18 + 32 + 44 + 160 \\
 &:= 1^4 + 1^9 + 4^4 + 9^1 + 10^0 = 14 + 19 + 44 + 91 + 100
 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^9 + 6^3 + 7^2 + 10^0 = 14 + 19 + 63 + 72 + 100 \\ &:= 1^4 + 2^0 + 3^2 + 4^0 + 16^2 = 14 + 20 + 32 + 40 + 162 \\ &:= 1^4 + 3^0 + 3^0 + 3^2 + 16^2 = 14 + 30 + 30 + 32 + 162 \\ &:= 1^5 + 1^7 + 3^2 + 4^4 + 16^0 = 15 + 17 + 32 + 44 + 160 \\ &:= 1^5 + 1^8 + 4^4 + 9^1 + 10^0 = 15 + 18 + 44 + 91 + 100 \\ &:= 1^5 + 1^8 + 6^3 + 7^2 + 10^0 = 15 + 18 + 63 + 72 + 100 \\ &:= 1^5 + 1^9 + 3^2 + 4^0 + 16^2 = 15 + 19 + 32 + 40 + 162 \\ &:= 1^6 + 1^6 + 3^2 + 4^4 + 16^0 = 16 + 16 + 32 + 44 + 160 \\ &:= 1^6 + 1^7 + 4^4 + 9^1 + 10^0 = 16 + 17 + 44 + 91 + 100 \\ &:= 1^6 + 1^7 + 6^3 + 7^2 + 10^0 = 16 + 17 + 63 + 72 + 100 \\ &:= 1^6 + 1^8 + 3^2 + 4^0 + 16^2 = 16 + 18 + 32 + 40 + 162 \\ &:= 1^6 + 2^1 + 2^3 + 2^8 + 18^0 = 16 + 21 + 23 + 28 + 180 \\ &:= 1^6 + 2^6 + 3^4 + 8^0 + 11^2 = 16 + 26 + 34 + 80 + 112 \\ &:= 1^7 + 1^7 + 3^2 + 4^0 + 16^2 = 17 + 17 + 32 + 40 + 162 \\ &:= 1^7 + 2^2 + 2^8 + 6^1 + 14^0 = 17 + 22 + 28 + 61 + 140 \\ &:= 1^7 + 2^7 + 4^0 + 5^3 + 13^1 = 17 + 27 + 40 + 53 + 131 \\ &:= 1^8 + 2^0 + 2^6 + 9^2 + 11^2 = 18 + 20 + 26 + 92 + 112 \\ &:= 1^8 + 2^0 + 2^8 + 3^2 + 17^0 = 18 + 20 + 28 + 32 + 170 \\ &:= 1^8 + 2^1 + 2^8 + 8^1 + 12^0 = 18 + 21 + 28 + 81 + 120 \\ &:= 1^8 + 2^4 + 3^4 + 6^0 + 13^2 = 18 + 24 + 34 + 60 + 132 \\ &:= 1^8 + 2^4 + 3^5 + 7^1 + 12^0 = 18 + 24 + 35 + 71 + 120 \\ &:= 1^8 + 2^4 + 5^3 + 5^3 + 12^0 = 18 + 24 + 53 + 53 + 120 \\ &:= 1^8 + 2^8 + 3^0 + 3^2 + 16^0 = 18 + 28 + 30 + 32 + 160 \\ &:= 1^8 + 2^8 + 3^1 + 7^1 + 12^0 = 18 + 28 + 31 + 71 + 120 \\ &:= 1^8 + 2^8 + 3^2 + 4^0 + 15^0 = 18 + 28 + 32 + 40 + 150 \\ &:= 1^8 + 2^8 + 3^2 + 5^0 + 14^0 = 18 + 28 + 32 + 50 + 140 \\ &:= 1^8 + 2^8 + 3^2 + 6^0 + 13^0 = 18 + 28 + 32 + 60 + 130 \\ &:= 1^8 + 2^8 + 3^2 + 7^0 + 12^0 = 18 + 28 + 32 + 70 + 120 \\ &:= 1^8 + 2^8 + 3^2 + 8^0 + 11^0 = 18 + 28 + 32 + 80 + 110 \\ &:= 1^8 + 2^8 + 3^2 + 9^0 + 10^0 = 18 + 28 + 32 + 90 + 100 \\ &:= 1^8 + 2^8 + 4^1 + 6^1 + 12^0 = 18 + 28 + 41 + 61 + 120 \\ &:= 1^8 + 2^8 + 5^1 + 5^1 + 12^0 = 18 + 28 + 51 + 51 + 120 \\ &:= 1^9 + 1^9 + 2^6 + 9^2 + 11^2 = 19 + 19 + 26 + 92 + 112 \\ &:= 1^9 + 1^9 + 2^8 + 3^2 + 17^0 = 19 + 19 + 28 + 32 + 170 \\ &:= 1^9 + 2^0 + 2^6 + 6^1 + 14^2 = 19 + 20 + 26 + 61 + 142 \\ &:= 1^9 + 2^0 + 2^8 + 9^1 + 11^0 = 19 + 20 + 28 + 91 + 110 \\ &:= 1^9 + 2^3 + 3^5 + 4^0 + 15^1 = 19 + 23 + 35 + 40 + 151 \\ &:= 1^9 + 2^5 + 3^2 + 4^0 + 15^2 = 19 + 25 + 32 + 40 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^8 + 3^0 + 9^1 + 10^0 = 19 + 28 + 30 + 91 + 100 \\ &:= 1^9 + 2^8 + 4^0 + 9^0 + 9^1 = 19 + 28 + 40 + 90 + 91 \\ &:= 1^9 + 2^8 + 5^0 + 8^0 + 9^1 = 19 + 28 + 50 + 80 + 91 \\ &:= 1^9 + 2^8 + 6^0 + 7^0 + 9^1 = 19 + 28 + 60 + 70 + 91 \\ &:= 1^9 + 3^4 + 4^3 + 6^0 + 11^2 = 19 + 34 + 43 + 60 + 112 \\ &:= 2^0 + 2^0 + 2^4 + 5^2 + 15^2 = 20 + 20 + 24 + 52 + 152 \\ &:= 2^0 + 2^0 + 3^4 + 8^2 + 11^2 = 20 + 20 + 34 + 82 + 112 \\ &:= 2^0 + 2^1 + 2^3 + 4^4 + 16^0 = 20 + 21 + 23 + 44 + 160 \\ &:= 2^0 + 3^2 + 3^5 + 4^0 + 14^1 = 20 + 32 + 35 + 40 + 141 \\ &:= 2^0 + 3^4 + 4^0 + 4^2 + 13^2 = 20 + 34 + 40 + 42 + 132 \\ &:= 2^0 + 3^5 + 4^2 + 7^1 + 10^0 = 20 + 35 + 42 + 71 + 100 \\ &:= 2^0 + 4^2 + 5^3 + 5^3 + 10^0 = 20 + 42 + 53 + 53 + 100 \\ &:= 2^1 + 2^1 + 4^1 + 4^3 + 14^2 = 21 + 21 + 41 + 43 + 142 \\ &:= 2^1 + 2^2 + 4^4 + 5^1 + 13^0 = 21 + 22 + 44 + 51 + 130 \\ &:= 2^1 + 2^3 + 3^0 + 4^4 + 15^0 = 21 + 23 + 30 + 44 + 150 \\ &:= 2^1 + 2^3 + 4^0 + 4^4 + 14^0 = 21 + 23 + 40 + 44 + 140 \\ &:= 2^1 + 2^3 + 4^4 + 5^0 + 13^0 = 21 + 23 + 44 + 50 + 130 \\ &:= 2^1 + 2^3 + 4^4 + 6^0 + 12^0 = 21 + 23 + 44 + 60 + 120 \\ &:= 2^1 + 2^3 + 4^4 + 7^0 + 11^0 = 21 + 23 + 44 + 70 + 110 \\ &:= 2^1 + 2^3 + 4^4 + 8^0 + 10^0 = 21 + 23 + 44 + 80 + 100 \\ &:= 2^1 + 2^3 + 4^4 + 9^0 + 9^0 = 21 + 23 + 44 + 90 + 90 \\ &:= 2^1 + 3^1 + 3^1 + 4^3 + 14^2 = 21 + 31 + 31 + 43 + 142 \\ &:= 2^2 + 3^0 + 3^1 + 4^3 + 14^2 = 22 + 30 + 31 + 43 + 142 \\ &:= 2^2 + 3^1 + 4^1 + 4^4 + 13^0 = 22 + 31 + 41 + 44 + 130 \\ &:= 2^3 + 2^7 + 2^7 + 3^1 + 16^0 = 23 + 27 + 27 + 31 + 160 \\ &:= 3^0 + 3^0 + 3^2 + 3^5 + 14^1 = 30 + 30 + 32 + 35 + 141 \\ &:= 3^0 + 3^0 + 3^4 + 4^2 + 13^2 = 30 + 30 + 34 + 42 + 132 \\ &:= 3^0 + 3^5 + 4^2 + 7^1 + 9^0 = 30 + 35 + 42 + 71 + 90 \\ &:= 3^0 + 4^2 + 5^3 + 5^3 + 9^0 = 30 + 42 + 53 + 53 + 90 \\ &:= 3^2 + 5^0 + 6^1 + 6^2 + 6^3 = 32 + 50 + 61 + 62 + 63 \\ &:= 3^5 + 4^0 + 4^2 + 7^1 + 8^0 = 35 + 40 + 42 + 71 + 80 \\ &:= 3^5 + 4^2 + 5^0 + 7^0 + 7^1 = 35 + 42 + 50 + 70 + 71 \\ &:= 3^5 + 4^2 + 6^0 + 6^0 + 7^1 = 35 + 42 + 60 + 60 + 71 \\ &:= 4^0 + 4^2 + 5^3 + 5^3 + 8^0 = 40 + 42 + 53 + 53 + 80 \\ &:= 4^2 + 5^0 + 5^3 + 5^3 + 7^0 = 42 + 50 + 53 + 53 + 70 \\ &:= 4^2 + 5^3 + 5^3 + 6^0 + 6^0 = 42 + 53 + 53 + 60 + 60 \end{aligned}$$

2.2.170 Number 269

$$\begin{aligned}
 269 &:= 2^8 + 12^0 + 12^1 &= 28 + 120 + 121 &:= 1^3 + 2^1 + 4^4 + 9^1 + 10^0 &= 13 + 21 + 44 + 91 + 100 \\
 &:= 1^0 + 2^8 + 11^1 + 12^0 &= 10 + 28 + 111 + 120 &:= 1^3 + 2^1 + 6^3 + 7^2 + 10^0 &= 13 + 21 + 63 + 72 + 100 \\
 &:= 1^4 + 4^4 + 10^0 + 11^1 &= 14 + 44 + 100 + 111 &:= 1^3 + 2^3 + 3^1 + 4^0 + 16^2 &= 13 + 23 + 31 + 40 + 162 \\
 &:= 2^0 + 2^6 + 8^1 + 14^2 &= 20 + 26 + 81 + 142 &:= 1^3 + 2^6 + 2^6 + 5^3 + 15^1 &= 13 + 26 + 26 + 53 + 151 \\
 &:= 2^0 + 2^8 + 11^0 + 11^1 &= 20 + 28 + 110 + 111 &:= 1^3 + 2^6 + 2^7 + 8^2 + 12^1 &= 13 + 26 + 27 + 82 + 121 \\
 &:= 2^2 + 2^3 + 4^4 + 18^0 &= 22 + 23 + 44 + 180 &:= 1^3 + 3^1 + 4^4 + 8^1 + 10^0 &= 13 + 31 + 44 + 81 + 100 \\
 &:= 2^3 + 3^5 + 4^0 + 17^1 &= 23 + 35 + 40 + 171 &:= 1^3 + 4^1 + 4^4 + 7^1 + 10^0 &= 13 + 41 + 44 + 71 + 100 \\
 &:= 2^4 + 3^3 + 6^0 + 15^2 &= 24 + 33 + 60 + 152 &:= 1^3 + 4^4 + 5^1 + 6^1 + 10^0 &= 13 + 44 + 51 + 61 + 100 \\
 &:= 2^4 + 6^2 + 6^3 + 12^0 &= 24 + 62 + 63 + 120 &:= 1^4 + 1^6 + 2^6 + 7^1 + 14^2 &= 14 + 16 + 26 + 71 + 142 \\
 &:= 2^8 + 3^0 + 10^0 + 11^1 &= 28 + 30 + 100 + 111 &:= 1^4 + 1^6 + 2^8 + 10^1 + 11^0 &= 14 + 16 + 28 + 101 + 110 \\
 &:= 2^8 + 4^0 + 9^0 + 11^1 &= 28 + 40 + 90 + 111 &:= 1^4 + 2^0 + 4^4 + 9^0 + 10^1 &= 14 + 20 + 44 + 90 + 101 \\
 &:= 2^8 + 5^0 + 8^0 + 11^1 &= 28 + 50 + 80 + 111 &:= 1^4 + 2^1 + 3^2 + 4^0 + 16^2 &= 14 + 21 + 32 + 40 + 162 \\
 &:= 2^8 + 6^0 + 7^0 + 11^1 &= 28 + 60 + 70 + 111 &:= 1^4 + 2^7 + 2^7 + 9^0 + 11^1 &= 14 + 27 + 27 + 90 + 111 \\
 &:= 3^2 + 3^5 + 4^2 + 16^0 &= 32 + 35 + 42 + 160 &:= 1^4 + 3^0 + 4^4 + 8^0 + 10^1 &= 14 + 30 + 44 + 80 + 101 \\
 &:= 1^0 + 1^0 + 2^8 + 10^1 + 12^0 &= 10 + 10 + 28 + 101 + 120 &:= 1^4 + 4^0 + 4^4 + 7^0 + 10^1 &= 14 + 40 + 44 + 70 + 101 \\
 &:= 1^0 + 1^4 + 4^4 + 10^0 + 10^1 &= 10 + 14 + 44 + 100 + 101 &:= 1^4 + 4^4 + 5^0 + 6^0 + 10^1 &= 14 + 44 + 50 + 60 + 101 \\
 &:= 1^0 + 2^0 + 2^6 + 7^1 + 14^2 &= 10 + 20 + 26 + 71 + 142 &:= 1^5 + 1^5 + 2^6 + 7^1 + 14^2 &= 15 + 15 + 26 + 71 + 142 \\
 &:= 1^0 + 2^0 + 2^8 + 10^1 + 11^0 &= 10 + 20 + 28 + 101 + 110 &:= 1^5 + 1^5 + 2^8 + 10^1 + 11^0 &= 15 + 15 + 28 + 101 + 110 \\
 &:= 1^0 + 2^3 + 3^5 + 4^0 + 16^1 &= 10 + 23 + 35 + 40 + 161 &:= 1^5 + 1^9 + 4^4 + 9^0 + 10^1 &= 15 + 19 + 44 + 90 + 101 \\
 &:= 1^0 + 2^8 + 3^0 + 10^0 + 10^1 &= 10 + 28 + 30 + 100 + 101 &:= 1^6 + 1^8 + 4^4 + 9^0 + 10^1 &= 16 + 18 + 44 + 90 + 101 \\
 &:= 1^0 + 2^8 + 4^0 + 9^0 + 10^1 &= 10 + 28 + 40 + 90 + 101 &:= 1^7 + 1^7 + 4^4 + 9^0 + 10^1 &= 17 + 17 + 44 + 90 + 101 \\
 &:= 1^0 + 2^8 + 5^0 + 8^0 + 10^1 &= 10 + 28 + 50 + 80 + 101 &:= 1^7 + 2^2 + 2^6 + 10^2 + 10^2 &= 17 + 22 + 26 + 102 + 102 \\
 &:= 1^0 + 2^8 + 6^0 + 7^0 + 10^1 &= 10 + 28 + 60 + 70 + 101 &:= 1^7 + 2^3 + 2^4 + 3^5 + 17^0 &= 17 + 23 + 24 + 35 + 170 \\
 &:= 1^1 + 1^3 + 4^4 + 10^0 + 10^1 &= 11 + 13 + 44 + 100 + 101 &:= 1^7 + 2^3 + 2^8 + 3^1 + 17^0 &= 17 + 23 + 28 + 31 + 170 \\
 &:= 1^1 + 1^9 + 2^6 + 7^1 + 14^2 &= 11 + 19 + 26 + 71 + 142 &:= 1^8 + 2^1 + 2^6 + 9^2 + 11^2 &= 18 + 21 + 26 + 92 + 112 \\
 &:= 1^1 + 1^9 + 2^8 + 10^1 + 11^0 &= 11 + 19 + 28 + 101 + 110 &:= 1^8 + 2^1 + 2^8 + 3^2 + 17^0 &= 18 + 21 + 28 + 32 + 170 \\
 &:= 1^1 + 2^3 + 3^1 + 4^4 + 16^0 &= 11 + 23 + 31 + 44 + 160 &:= 1^8 + 2^2 + 2^5 + 6^2 + 14^2 &= 18 + 22 + 25 + 62 + 142 \\
 &:= 1^1 + 3^2 + 3^5 + 4^0 + 15^1 &= 11 + 32 + 35 + 40 + 151 &:= 1^8 + 2^2 + 2^8 + 7^1 + 13^0 &= 18 + 22 + 28 + 71 + 130 \\
 &:= 1^1 + 3^5 + 4^2 + 8^1 + 10^0 &= 11 + 35 + 42 + 81 + 100 &:= 1^8 + 2^7 + 3^0 + 5^3 + 14^1 &= 18 + 27 + 30 + 53 + 141 \\
 &:= 1^2 + 1^2 + 4^4 + 10^0 + 10^1 &= 12 + 12 + 44 + 100 + 101 &:= 1^9 + 2^1 + 2^6 + 6^1 + 14^2 &= 19 + 21 + 26 + 61 + 142 \\
 &:= 1^2 + 1^8 + 2^6 + 7^1 + 14^2 &= 12 + 18 + 26 + 71 + 142 &:= 1^9 + 2^1 + 2^8 + 9^1 + 11^0 &= 19 + 21 + 28 + 91 + 110 \\
 &:= 1^2 + 1^8 + 2^8 + 10^1 + 11^0 &= 12 + 18 + 28 + 101 + 110 &:= 1^9 + 2^2 + 2^2 + 3^5 + 17^1 &= 19 + 22 + 22 + 35 + 171 \\
 &:= 1^2 + 2^1 + 3^2 + 4^4 + 16^0 &= 12 + 21 + 32 + 44 + 160 &:= 1^9 + 2^3 + 3^5 + 4^2 + 15^0 &= 19 + 23 + 35 + 42 + 150 \\
 &:= 1^2 + 2^2 + 4^4 + 7^1 + 12^0 &= 12 + 22 + 44 + 71 + 120 &:= 1^9 + 2^4 + 3^5 + 8^1 + 11^0 &= 19 + 24 + 35 + 81 + 110 \\
 &:= 1^3 + 1^7 + 2^6 + 7^1 + 14^2 &= 13 + 17 + 26 + 71 + 142 &:= 1^9 + 2^4 + 5^2 + 6^3 + 11^1 &= 19 + 24 + 52 + 63 + 111 \\
 &:= 1^3 + 1^7 + 2^8 + 10^1 + 11^0 &= 13 + 17 + 28 + 101 + 110 &:= 1^9 + 2^4 + 5^3 + 6^1 + 11^2 &= 19 + 24 + 53 + 61 + 112
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^6 + 3^1 + 5^1 + 14^2 = 19 + 26 + 31 + 51 + 142 \\
 &:= 1^9 + 2^6 + 4^1 + 4^1 + 14^2 = 19 + 26 + 41 + 41 + 142 \\
 &:= 1^9 + 2^8 + 3^1 + 8^1 + 11^0 = 19 + 28 + 31 + 81 + 110 \\
 &:= 1^9 + 2^8 + 4^1 + 7^1 + 11^0 = 19 + 28 + 41 + 71 + 110 \\
 &:= 1^9 + 2^8 + 5^1 + 6^1 + 11^0 = 19 + 28 + 51 + 61 + 110 \\
 &:= 2^0 + 2^0 + 2^8 + 10^0 + 10^1 = 20 + 20 + 28 + 100 + 101 \\
 &:= 2^0 + 2^1 + 2^4 + 5^2 + 15^2 = 20 + 21 + 24 + 52 + 152 \\
 &:= 2^0 + 2^1 + 3^4 + 8^2 + 11^2 = 20 + 21 + 34 + 82 + 112 \\
 &:= 2^0 + 2^3 + 3^0 + 3^5 + 16^1 = 20 + 23 + 30 + 35 + 161 \\
 &:= 2^0 + 2^8 + 3^0 + 9^0 + 10^1 = 20 + 28 + 30 + 90 + 101 \\
 &:= 2^0 + 2^8 + 4^0 + 8^0 + 10^1 = 20 + 28 + 40 + 80 + 101 \\
 &:= 2^0 + 2^8 + 5^0 + 7^0 + 10^1 = 20 + 28 + 50 + 70 + 101 \\
 &:= 2^0 + 2^8 + 6^0 + 6^0 + 10^1 = 20 + 28 + 60 + 60 + 101 \\
 &:= 2^1 + 2^1 + 2^3 + 4^4 + 16^0 = 21 + 21 + 23 + 44 + 160 \\
 &:= 2^1 + 3^2 + 3^5 + 4^0 + 14^1 = 21 + 32 + 35 + 40 + 141 \\
 &:= 2^1 + 3^4 + 4^0 + 4^2 + 13^2 = 21 + 34 + 40 + 42 + 132 \\
 &:= 2^1 + 3^5 + 4^2 + 7^1 + 10^0 = 21 + 35 + 42 + 71 + 100 \\
 &:= 2^1 + 4^2 + 5^3 + 5^3 + 10^0 = 21 + 42 + 53 + 53 + 100 \\
 &:= 2^2 + 2^2 + 4^0 + 4^3 + 14^2 = 22 + 22 + 40 + 43 + 142 \\
 &:= 2^2 + 2^2 + 4^1 + 4^4 + 14^0 = 22 + 22 + 41 + 44 + 140 \\
 &:= 2^2 + 2^3 + 2^7 + 2^7 + 17^0 = 22 + 23 + 27 + 27 + 170 \\
 &:= 2^3 + 4^0 + 6^2 + 6^3 + 8^1 = 23 + 40 + 62 + 63 + 81 \\
 &:= 2^5 + 2^7 + 3^3 + 3^4 + 15^0 = 25 + 27 + 33 + 34 + 150 \\
 &:= 2^6 + 2^6 + 3^4 + 7^2 + 11^1 = 26 + 26 + 34 + 72 + 111 \\
 &:= 2^6 + 2^6 + 4^3 + 4^3 + 13^1 = 26 + 26 + 43 + 43 + 131 \\
 &:= 2^8 + 3^0 + 3^0 + 8^0 + 10^1 = 28 + 30 + 30 + 80 + 101 \\
 &:= 2^8 + 3^0 + 4^0 + 7^0 + 10^1 = 28 + 30 + 40 + 70 + 101 \\
 &:= 2^8 + 3^0 + 5^0 + 6^0 + 10^1 = 28 + 30 + 50 + 60 + 101 \\
 &:= 2^8 + 4^0 + 4^0 + 6^0 + 10^1 = 28 + 40 + 40 + 60 + 101 \\
 &:= 2^8 + 4^0 + 5^0 + 5^0 + 10^1 = 28 + 40 + 50 + 50 + 101 \\
 &:= 3^1 + 3^2 + 3^5 + 4^0 + 13^1 = 31 + 32 + 35 + 40 + 131 \\
 &:= 3^1 + 3^5 + 4^2 + 6^1 + 10^0 = 31 + 35 + 42 + 61 + 100 \\
 &:= 3^2 + 3^5 + 4^0 + 4^1 + 12^1 = 32 + 35 + 40 + 41 + 121 \\
 &:= 3^2 + 3^5 + 4^0 + 5^1 + 11^1 = 32 + 35 + 40 + 51 + 111 \\
 &:= 3^2 + 3^5 + 4^0 + 6^1 + 10^1 = 32 + 35 + 40 + 61 + 101 \\
 &:= 3^2 + 3^5 + 4^0 + 7^1 + 9^1 = 32 + 35 + 40 + 71 + 91 \\
 &:= 3^2 + 3^5 + 4^0 + 8^1 + 8^1 = 32 + 35 + 40 + 81 + 81 \\
 &:= 3^2 + 4^0 + 5^3 + 5^3 + 9^1 = 32 + 40 + 53 + 53 + 91 \\
 &:= 3^3 + 4^0 + 4^2 + 6^3 + 9^1 = 33 + 40 + 42 + 63 + 91 \\
 &:= 3^5 + 4^1 + 4^2 + 5^1 + 10^0 = 35 + 41 + 42 + 51 + 100
 \end{aligned}$$

2.2.171 Number 270

$$\begin{aligned}
 270 &:= 1^1 + 2^6 + 9^1 + 14^2 = 11 + 26 + 91 + 142 \\
 &:= 1^1 + 2^8 + 11^0 + 12^1 = 11 + 28 + 110 + 121 \\
 &:= 1^3 + 3^3 + 11^2 + 11^2 = 13 + 33 + 112 + 112 \\
 &:= 1^3 + 3^5 + 5^2 + 17^0 = 13 + 35 + 52 + 170 \\
 &:= 1^4 + 2^2 + 11^2 + 12^2 = 14 + 22 + 112 + 122 \\
 &:= 1^4 + 3^2 + 8^2 + 14^2 = 14 + 32 + 82 + 142 \\
 &:= 1^5 + 4^4 + 9^0 + 12^1 = 15 + 44 + 90 + 121 \\
 &:= 2^1 + 2^6 + 8^1 + 14^2 = 21 + 26 + 81 + 142 \\
 &:= 2^1 + 2^8 + 11^0 + 11^1 = 21 + 28 + 110 + 111 \\
 &:= 2^2 + 2^2 + 3^5 + 19^1 = 22 + 22 + 35 + 191 \\
 &:= 2^2 + 2^4 + 9^2 + 13^2 = 22 + 24 + 92 + 132 \\
 &:= 2^4 + 3^2 + 7^2 + 14^2 = 24 + 32 + 72 + 142 \\
 &:= 2^4 + 3^5 + 10^1 + 11^0 = 24 + 35 + 101 + 110 \\
 &:= 2^4 + 5^2 + 6^3 + 13^1 = 24 + 52 + 63 + 131 \\
 &:= 2^4 + 5^3 + 8^1 + 11^2 = 24 + 53 + 81 + 112 \\
 &:= 2^6 + 3^1 + 7^1 + 14^2 = 26 + 31 + 71 + 142 \\
 &:= 2^6 + 3^2 + 7^0 + 14^2 = 26 + 32 + 70 + 142 \\
 &:= 2^6 + 4^1 + 6^1 + 14^2 = 26 + 41 + 61 + 142 \\
 &:= 2^6 + 5^0 + 6^2 + 13^2 = 26 + 50 + 62 + 132 \\
 &:= 2^6 + 5^1 + 5^1 + 14^2 = 26 + 51 + 51 + 142 \\
 &:= 2^8 + 3^1 + 10^1 + 11^0 = 28 + 31 + 101 + 110 \\
 &:= 2^8 + 4^1 + 9^1 + 11^0 = 28 + 41 + 91 + 110 \\
 &:= 2^8 + 5^1 + 8^1 + 11^0 = 28 + 51 + 81 + 110 \\
 &:= 2^8 + 6^1 + 7^1 + 11^0 = 28 + 61 + 71 + 110 \\
 &:= 3^4 + 5^2 + 8^2 + 10^2 = 34 + 52 + 82 + 102 \\
 &:= 1^0 + 1^1 + 2^6 + 8^1 + 14^2 = 10 + 11 + 26 + 81 + 142 \\
 &:= 1^0 + 1^1 + 2^8 + 11^0 + 11^1 = 10 + 11 + 28 + 110 + 111 \\
 &:= 1^0 + 1^3 + 2^3 + 8^2 + 14^2 = 10 + 13 + 23 + 82 + 142 \\
 &:= 1^0 + 1^5 + 4^4 + 9^0 + 11^1 = 10 + 15 + 44 + 90 + 111 \\
 &:= 1^0 + 2^1 + 2^6 + 7^1 + 14^2 = 10 + 21 + 26 + 71 + 142
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 2^1 + 2^8 + 10^1 + 11^0 = 10 + 21 + 28 + 101 + 110 \\ &:= 1^0 + 2^2 + 2^2 + 3^5 + 18^1 = 10 + 22 + 22 + 35 + 181 \\ &:= 1^0 + 2^4 + 3^5 + 9^1 + 11^0 = 10 + 24 + 35 + 91 + 110 \\ &:= 1^0 + 2^4 + 5^2 + 6^3 + 12^1 = 10 + 24 + 52 + 63 + 121 \\ &:= 1^0 + 2^4 + 5^3 + 7^1 + 11^2 = 10 + 24 + 53 + 71 + 112 \\ &:= 1^0 + 2^6 + 3^1 + 6^1 + 14^2 = 10 + 26 + 31 + 61 + 142 \\ &:= 1^0 + 2^6 + 4^1 + 5^1 + 14^2 = 10 + 26 + 41 + 51 + 142 \\ &:= 1^0 + 2^8 + 3^1 + 9^1 + 11^0 = 10 + 28 + 31 + 91 + 110 \\ &:= 1^0 + 2^8 + 4^1 + 8^1 + 11^0 = 10 + 28 + 41 + 81 + 110 \\ &:= 1^0 + 2^8 + 5^1 + 7^1 + 11^0 = 10 + 28 + 51 + 71 + 110 \\ &:= 1^0 + 2^8 + 6^1 + 6^1 + 11^0 = 10 + 28 + 61 + 61 + 110 \\ &:= 1^1 + 1^2 + 2^3 + 8^2 + 14^2 = 11 + 12 + 23 + 82 + 142 \\ &:= 1^1 + 1^4 + 4^4 + 9^0 + 11^1 = 11 + 14 + 44 + 90 + 111 \\ &:= 1^1 + 2^0 + 2^8 + 10^0 + 11^1 = 11 + 20 + 28 + 100 + 111 \\ &:= 1^1 + 2^2 + 2^3 + 4^4 + 17^0 = 11 + 22 + 23 + 44 + 170 \\ &:= 1^1 + 2^3 + 3^0 + 3^5 + 17^1 = 11 + 23 + 30 + 35 + 171 \\ &:= 1^1 + 2^4 + 3^1 + 5^2 + 15^2 = 11 + 24 + 31 + 52 + 152 \\ &:= 1^1 + 2^4 + 3^3 + 5^0 + 15^2 = 11 + 24 + 33 + 50 + 152 \\ &:= 1^1 + 2^4 + 6^2 + 6^3 + 11^0 = 11 + 24 + 62 + 63 + 110 \\ &:= 1^1 + 2^8 + 3^0 + 9^0 + 11^1 = 11 + 28 + 30 + 90 + 111 \\ &:= 1^1 + 2^8 + 4^0 + 8^0 + 11^1 = 11 + 28 + 40 + 80 + 111 \\ &:= 1^1 + 2^8 + 5^0 + 7^0 + 11^1 = 11 + 28 + 50 + 70 + 111 \\ &:= 1^1 + 2^8 + 6^0 + 6^0 + 11^1 = 11 + 28 + 60 + 60 + 111 \\ &:= 1^1 + 3^1 + 3^4 + 8^2 + 11^2 = 11 + 31 + 34 + 82 + 112 \\ &:= 1^1 + 3^2 + 3^5 + 4^2 + 15^0 = 11 + 32 + 35 + 42 + 150 \\ &:= 1^1 + 4^2 + 5^3 + 8^2 + 8^2 = 11 + 42 + 53 + 82 + 82 \\ &:= 1^2 + 1^3 + 4^4 + 9^0 + 11^1 = 12 + 13 + 44 + 90 + 111 \\ &:= 1^2 + 1^9 + 2^8 + 10^0 + 11^1 = 12 + 19 + 28 + 100 + 111 \\ &:= 1^2 + 2^2 + 2^2 + 6^2 + 15^2 = 12 + 22 + 22 + 62 + 152 \\ &:= 1^2 + 2^2 + 4^3 + 5^1 + 14^2 = 12 + 22 + 43 + 51 + 142 \\ &:= 1^2 + 2^3 + 4^1 + 4^4 + 15^0 = 12 + 23 + 41 + 44 + 150 \\ &:= 1^2 + 2^3 + 4^3 + 5^0 + 14^2 = 12 + 23 + 43 + 50 + 142 \\ &:= 1^2 + 3^0 + 3^2 + 3^5 + 16^1 = 12 + 30 + 32 + 35 + 161 \\ &:= 1^2 + 3^3 + 5^2 + 6^3 + 11^0 = 12 + 33 + 52 + 63 + 110 \\ &:= 1^2 + 3^5 + 4^2 + 9^0 + 9^1 = 12 + 35 + 42 + 90 + 91 \\ &:= 1^3 + 1^8 + 2^8 + 10^0 + 11^1 = 13 + 18 + 28 + 100 + 111 \\ &:= 1^3 + 2^2 + 2^2 + 5^1 + 16^2 = 13 + 22 + 22 + 51 + 162 \\ &:= 1^3 + 2^2 + 2^3 + 5^0 + 16^2 = 13 + 22 + 23 + 50 + 162 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^2 + 4^4 + 8^1 + 11^0 = 13 + 22 + 44 + 81 + 110 \\ &:= 1^3 + 3^0 + 3^3 + 4^2 + 15^2 = 13 + 30 + 33 + 42 + 152 \\ &:= 1^3 + 3^1 + 3^2 + 4^4 + 15^0 = 13 + 31 + 32 + 44 + 150 \\ &:= 1^3 + 4^2 + 6^2 + 6^3 + 9^0 = 13 + 42 + 62 + 63 + 90 \\ &:= 1^4 + 1^7 + 2^8 + 10^0 + 11^1 = 14 + 17 + 28 + 100 + 111 \\ &:= 1^4 + 2^1 + 4^4 + 9^0 + 10^1 = 14 + 21 + 44 + 90 + 101 \\ &:= 1^4 + 2^3 + 3^0 + 4^1 + 16^2 = 14 + 23 + 30 + 41 + 162 \\ &:= 1^4 + 3^1 + 4^4 + 9^0 + 9^1 = 14 + 31 + 44 + 90 + 91 \\ &:= 1^4 + 3^1 + 6^3 + 7^2 + 9^0 = 14 + 31 + 63 + 72 + 90 \\ &:= 1^4 + 4^1 + 4^4 + 8^1 + 9^0 = 14 + 41 + 44 + 81 + 90 \\ &:= 1^4 + 4^4 + 5^1 + 7^1 + 9^0 = 14 + 44 + 51 + 71 + 90 \\ &:= 1^4 + 4^4 + 6^1 + 6^1 + 9^0 = 14 + 44 + 61 + 61 + 90 \\ &:= 1^5 + 1^6 + 2^8 + 10^0 + 11^1 = 15 + 16 + 28 + 100 + 111 \\ &:= 1^5 + 2^0 + 4^4 + 8^0 + 11^1 = 15 + 20 + 44 + 80 + 111 \\ &:= 1^5 + 2^7 + 2^7 + 8^0 + 12^1 = 15 + 27 + 27 + 80 + 121 \\ &:= 1^5 + 3^0 + 3^1 + 3^2 + 16^2 = 15 + 30 + 31 + 32 + 162 \\ &:= 1^5 + 3^0 + 4^4 + 7^0 + 11^1 = 15 + 30 + 44 + 70 + 111 \\ &:= 1^5 + 4^0 + 4^4 + 6^0 + 11^1 = 15 + 40 + 44 + 60 + 111 \\ &:= 1^5 + 4^4 + 5^0 + 5^0 + 11^1 = 15 + 44 + 50 + 50 + 111 \\ &:= 1^6 + 1^9 + 4^4 + 8^0 + 11^1 = 16 + 19 + 44 + 80 + 111 \\ &:= 1^7 + 1^8 + 4^4 + 8^0 + 11^1 = 17 + 18 + 44 + 80 + 111 \\ &:= 1^7 + 2^2 + 2^3 + 2^8 + 18^0 = 17 + 22 + 23 + 28 + 180 \\ &:= 1^8 + 2^3 + 2^8 + 4^1 + 16^0 = 18 + 23 + 28 + 41 + 160 \\ &:= 1^9 + 2^0 + 2^7 + 5^3 + 15^1 = 19 + 20 + 27 + 53 + 151 \\ &:= 1^9 + 2^2 + 2^8 + 8^1 + 12^0 = 19 + 22 + 28 + 81 + 120 \\ &:= 1^9 + 2^3 + 2^6 + 6^0 + 14^2 = 19 + 23 + 26 + 60 + 142 \\ &:= 1^9 + 2^4 + 3^2 + 3^5 + 16^0 = 19 + 24 + 32 + 35 + 160 \\ &:= 1^9 + 2^8 + 3^1 + 3^2 + 16^0 = 19 + 28 + 31 + 32 + 160 \\ &:= 2^0 + 2^1 + 2^8 + 10^0 + 10^1 = 20 + 21 + 28 + 100 + 101 \\ &:= 2^0 + 2^4 + 3^5 + 9^1 + 10^0 = 20 + 24 + 35 + 91 + 100 \\ &:= 2^0 + 2^8 + 3^1 + 9^1 + 10^0 = 20 + 28 + 31 + 91 + 100 \\ &:= 2^0 + 2^8 + 4^1 + 8^1 + 10^0 = 20 + 28 + 41 + 81 + 100 \\ &:= 2^0 + 2^8 + 5^1 + 7^1 + 10^0 = 20 + 28 + 51 + 71 + 100 \\ &:= 2^0 + 2^8 + 6^1 + 6^1 + 10^0 = 20 + 28 + 61 + 61 + 100 \\ &:= 2^1 + 2^1 + 2^4 + 5^2 + 15^2 = 21 + 21 + 24 + 52 + 152 \\ &:= 2^1 + 2^1 + 3^4 + 8^2 + 11^2 = 21 + 21 + 34 + 82 + 112 \\ &:= 2^1 + 2^3 + 3^0 + 3^5 + 16^1 = 21 + 23 + 30 + 35 + 161 \\ &:= 2^1 + 2^8 + 3^0 + 9^0 + 10^1 = 21 + 28 + 30 + 90 + 101 \end{aligned}$$

$$\begin{aligned}
 &:= 2^1 + 2^8 + 4^0 + 8^0 + 10^1 = 21 + 28 + 40 + 80 + 101 \\
 &:= 2^1 + 2^8 + 5^0 + 7^0 + 10^1 = 21 + 28 + 50 + 70 + 101 \\
 &:= 2^1 + 2^8 + 6^0 + 6^0 + 10^1 = 21 + 28 + 60 + 60 + 101 \\
 &:= 2^2 + 2^2 + 6^2 + 6^3 + 10^1 = 22 + 22 + 62 + 63 + 101 \\
 &:= 2^2 + 3^2 + 3^5 + 5^0 + 13^1 = 22 + 32 + 35 + 50 + 131 \\
 &:= 2^2 + 3^5 + 4^2 + 6^1 + 11^0 = 22 + 35 + 42 + 61 + 110 \\
 &:= 2^2 + 4^1 + 4^2 + 5^3 + 11^2 = 22 + 41 + 42 + 53 + 112 \\
 &:= 2^2 + 4^2 + 5^2 + 6^3 + 9^1 = 22 + 42 + 52 + 63 + 91 \\
 &:= 2^3 + 3^0 + 3^1 + 3^5 + 15^1 = 23 + 30 + 31 + 35 + 151 \\
 &:= 2^3 + 3^0 + 3^2 + 3^3 + 15^2 = 23 + 30 + 32 + 33 + 152 \\
 &:= 2^3 + 3^0 + 3^5 + 4^1 + 14^1 = 23 + 30 + 35 + 41 + 141 \\
 &:= 2^3 + 3^0 + 3^5 + 5^1 + 13^1 = 23 + 30 + 35 + 51 + 131 \\
 &:= 2^3 + 3^0 + 3^5 + 6^1 + 12^1 = 23 + 30 + 35 + 61 + 121 \\
 &:= 2^3 + 3^0 + 3^5 + 7^1 + 11^1 = 23 + 30 + 35 + 71 + 111 \\
 &:= 2^3 + 3^0 + 3^5 + 8^1 + 10^1 = 23 + 30 + 35 + 81 + 101 \\
 &:= 2^3 + 3^0 + 3^5 + 9^1 + 9^1 = 23 + 30 + 35 + 91 + 91 \\
 &:= 2^3 + 3^0 + 5^3 + 5^3 + 11^1 = 23 + 30 + 53 + 53 + 111 \\
 &:= 2^3 + 3^0 + 5^3 + 6^2 + 10^2 = 23 + 30 + 53 + 62 + 102 \\
 &:= 2^3 + 3^2 + 6^2 + 6^3 + 9^0 = 23 + 32 + 62 + 63 + 90 \\
 &:= 2^4 + 3^0 + 3^5 + 9^0 + 9^1 = 24 + 30 + 35 + 90 + 91 \\
 &:= 2^4 + 3^5 + 4^0 + 8^0 + 9^1 = 24 + 35 + 40 + 80 + 91 \\
 &:= 2^4 + 3^5 + 5^0 + 7^0 + 9^1 = 24 + 35 + 50 + 70 + 91 \\
 &:= 2^4 + 3^5 + 6^0 + 6^0 + 9^1 = 24 + 35 + 60 + 60 + 91 \\
 &:= 2^5 + 3^0 + 3^1 + 3^2 + 15^2 = 25 + 30 + 31 + 32 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^6 + 2^6 + 2^7 + 6^0 + 13^1 = 26 + 26 + 27 + 60 + 131 \\
 &:= 2^8 + 3^0 + 3^1 + 9^0 + 9^1 = 28 + 30 + 31 + 90 + 91 \\
 &:= 2^8 + 3^0 + 4^1 + 8^1 + 9^0 = 28 + 30 + 41 + 81 + 90 \\
 &:= 2^8 + 3^0 + 5^1 + 7^1 + 9^0 = 28 + 30 + 51 + 71 + 90 \\
 &:= 2^8 + 3^0 + 6^1 + 6^1 + 9^0 = 28 + 30 + 61 + 61 + 90 \\
 &:= 2^8 + 3^1 + 4^0 + 8^0 + 9^1 = 28 + 31 + 40 + 80 + 91 \\
 &:= 2^8 + 3^1 + 5^0 + 7^0 + 9^1 = 28 + 31 + 50 + 70 + 91 \\
 &:= 2^8 + 3^1 + 6^0 + 6^0 + 9^1 = 28 + 31 + 60 + 60 + 91 \\
 &:= 2^8 + 4^0 + 4^1 + 8^0 + 8^1 = 28 + 40 + 41 + 80 + 81 \\
 &:= 2^8 + 4^0 + 5^1 + 7^1 + 8^0 = 28 + 40 + 51 + 71 + 80 \\
 &:= 2^8 + 4^0 + 6^1 + 6^1 + 8^0 = 28 + 40 + 61 + 61 + 80 \\
 &:= 2^8 + 4^1 + 5^0 + 7^0 + 8^1 = 28 + 41 + 50 + 70 + 81 \\
 &:= 2^8 + 4^1 + 6^0 + 6^0 + 8^1 = 28 + 41 + 60 + 60 + 81 \\
 &:= 2^8 + 5^0 + 5^1 + 7^0 + 7^1 = 28 + 50 + 51 + 70 + 71 \\
 &:= 2^8 + 5^0 + 6^1 + 6^1 + 7^0 = 28 + 50 + 61 + 61 + 70 \\
 &:= 2^8 + 5^1 + 6^0 + 6^0 + 7^1 = 28 + 51 + 60 + 60 + 71 \\
 &:= 2^8 + 6^0 + 6^0 + 6^1 + 6^1 = 28 + 60 + 60 + 61 + 61 \\
 &:= 3^0 + 3^2 + 3^3 + 4^3 + 13^2 = 30 + 32 + 33 + 43 + 132 \\
 &:= 3^0 + 3^3 + 5^3 + 6^2 + 9^2 = 30 + 33 + 53 + 62 + 92 \\
 &:= 3^1 + 3^4 + 4^3 + 5^0 + 11^2 = 31 + 34 + 43 + 50 + 112 \\
 &:= 3^2 + 3^2 + 3^5 + 8^1 + 9^0 = 32 + 32 + 35 + 81 + 90 \\
 &:= 4^2 + 4^3 + 5^0 + 5^3 + 8^2 = 42 + 43 + 50 + 53 + 82
 \end{aligned}$$

2.2.172 Number 271

$$\begin{aligned}
 271 &:= 1^2 + 2^8 + 10^0 + 13^1 = 12 + 28 + 100 + 131 \\
 &:= 1^6 + 4^4 + 8^0 + 13^1 = 16 + 44 + 80 + 131 \\
 &:= 1^6 + 5^3 + 8^0 + 12^2 = 16 + 53 + 80 + 122 \\
 &:= 1^7 + 2^0 + 10^2 + 13^2 = 17 + 20 + 102 + 132 \\
 &:= 1^8 + 1^9 + 10^2 + 13^2 = 18 + 19 + 102 + 132 \\
 &:= 2^0 + 2^7 + 5^3 + 17^1 = 20 + 27 + 53 + 171 \\
 &:= 2^2 + 2^8 + 10^1 + 12^0 = 22 + 28 + 101 + 120 \\
 &:= 2^6 + 5^3 + 9^2 + 10^0 = 26 + 53 + 92 + 100 \\
 &:= 2^8 + 3^2 + 5^1 + 16^0 = 28 + 32 + 51 + 160 \\
 &:= 1^0 + 1^2 + 2^8 + 10^0 + 12^1 = 10 + 12 + 28 + 100 + 121 \\
 &:= 1^0 + 1^4 + 3^5 + 5^2 + 16^0 = 10 + 14 + 35 + 52 + 160 \\
 &:= 1^0 + 1^6 + 4^4 + 8^0 + 12^1 = 10 + 16 + 44 + 80 + 121
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^0 + 2^7 + 5^3 + 16^1 = 10 + 20 + 27 + 53 + 161 \\
 &:= 1^0 + 2^2 + 2^8 + 9^1 + 12^0 = 10 + 22 + 28 + 91 + 120 \\
 &:= 1^0 + 2^8 + 3^2 + 4^1 + 16^0 = 10 + 28 + 32 + 41 + 160 \\
 &:= 1^1 + 1^1 + 2^8 + 10^0 + 12^1 = 11 + 11 + 28 + 100 + 121 \\
 &:= 1^1 + 1^3 + 3^5 + 5^2 + 16^0 = 11 + 13 + 35 + 52 + 160 \\
 &:= 1^1 + 1^5 + 4^4 + 8^0 + 12^1 = 11 + 15 + 44 + 80 + 121 \\
 &:= 1^1 + 1^9 + 2^7 + 5^3 + 16^1 = 11 + 19 + 27 + 53 + 161 \\
 &:= 1^1 + 2^1 + 2^8 + 10^0 + 11^1 = 11 + 21 + 28 + 100 + 111 \\
 &:= 1^1 + 2^4 + 3^5 + 10^0 + 10^1 = 11 + 24 + 35 + 100 + 101 \\
 &:= 1^1 + 2^6 + 3^2 + 6^0 + 14^2 = 11 + 26 + 32 + 60 + 142 \\
 &:= 1^1 + 2^6 + 4^0 + 6^2 + 13^2 = 11 + 26 + 40 + 62 + 132 \\
 &:= 1^1 + 2^8 + 3^1 + 10^0 + 10^1 = 11 + 28 + 31 + 100 + 101
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^8 + 4^1 + 9^1 + 10^0 = 11 + 28 + 41 + 91 + 100 & &:= 1^5 + 1^7 + 2^8 + 9^0 + 12^1 = 15 + 17 + 28 + 90 + 121 \\ &:= 1^1 + 2^8 + 5^1 + 8^1 + 10^0 = 11 + 28 + 51 + 81 + 100 & &:= 1^5 + 1^8 + 3^2 + 3^5 + 17^1 = 15 + 18 + 32 + 35 + 171 \\ &:= 1^1 + 2^8 + 6^1 + 7^1 + 10^0 = 11 + 28 + 61 + 71 + 100 & &:= 1^5 + 1^9 + 2^3 + 6^2 + 15^2 = 15 + 19 + 23 + 62 + 152 \\ &:= 1^2 + 1^2 + 3^5 + 5^2 + 16^0 = 12 + 12 + 35 + 52 + 160 & &:= 1^5 + 1^9 + 3^5 + 5^2 + 15^0 = 15 + 19 + 35 + 52 + 150 \\ &:= 1^2 + 1^4 + 4^4 + 8^0 + 12^1 = 12 + 14 + 44 + 80 + 121 & &:= 1^5 + 1^9 + 4^3 + 6^2 + 13^2 = 15 + 19 + 43 + 62 + 132 \\ &:= 1^2 + 1^8 + 2^7 + 5^3 + 16^1 = 12 + 18 + 27 + 53 + 161 & &:= 1^5 + 2^0 + 2^3 + 5^1 + 16^2 = 15 + 20 + 23 + 51 + 162 \\ &:= 1^2 + 2^0 + 2^3 + 3^5 + 18^1 = 12 + 20 + 23 + 35 + 181 & &:= 1^5 + 2^1 + 4^4 + 8^0 + 11^1 = 15 + 21 + 44 + 80 + 111 \\ &:= 1^2 + 2^0 + 2^8 + 9^0 + 12^1 = 12 + 20 + 28 + 90 + 121 & &:= 1^5 + 2^2 + 3^2 + 4^0 + 16^2 = 15 + 22 + 32 + 40 + 162 \\ &:= 1^2 + 2^8 + 3^0 + 8^0 + 12^1 = 12 + 28 + 30 + 80 + 121 & &:= 1^5 + 3^1 + 4^4 + 8^0 + 10^1 = 15 + 31 + 44 + 80 + 101 \\ &:= 1^2 + 2^8 + 4^0 + 7^0 + 12^1 = 12 + 28 + 40 + 70 + 121 & &:= 1^5 + 4^1 + 4^4 + 8^0 + 9^1 = 15 + 41 + 44 + 80 + 91 \\ &:= 1^2 + 2^8 + 5^0 + 6^0 + 12^1 = 12 + 28 + 50 + 60 + 121 & &:= 1^5 + 4^1 + 6^3 + 7^2 + 8^0 = 15 + 41 + 63 + 72 + 80 \\ &:= 1^3 + 1^3 + 4^4 + 8^0 + 12^1 = 13 + 13 + 44 + 80 + 121 & &:= 1^5 + 4^4 + 5^1 + 8^0 + 8^1 = 15 + 44 + 51 + 80 + 81 \\ &:= 1^3 + 1^7 + 2^7 + 5^3 + 16^1 = 13 + 17 + 27 + 53 + 161 & &:= 1^5 + 4^4 + 6^1 + 7^1 + 8^0 = 15 + 44 + 61 + 71 + 80 \\ &:= 1^3 + 1^9 + 2^3 + 3^5 + 18^1 = 13 + 19 + 23 + 35 + 181 & &:= 1^6 + 1^6 + 2^3 + 3^5 + 18^1 = 16 + 16 + 23 + 35 + 181 \\ &:= 1^3 + 1^9 + 2^8 + 9^0 + 12^1 = 13 + 19 + 28 + 90 + 121 & &:= 1^6 + 1^6 + 2^8 + 9^0 + 12^1 = 16 + 16 + 28 + 90 + 121 \\ &:= 1^3 + 2^0 + 3^2 + 3^5 + 17^1 = 13 + 20 + 32 + 35 + 171 & &:= 1^6 + 1^7 + 3^2 + 3^5 + 17^1 = 16 + 17 + 32 + 35 + 171 \\ &:= 1^3 + 2^2 + 3^2 + 4^4 + 16^0 = 13 + 22 + 32 + 44 + 160 & &:= 1^6 + 1^8 + 2^3 + 6^2 + 15^2 = 16 + 18 + 23 + 62 + 152 \\ &:= 1^3 + 2^3 + 4^4 + 5^1 + 14^0 = 13 + 23 + 44 + 51 + 140 & &:= 1^6 + 1^8 + 3^5 + 5^2 + 15^0 = 16 + 18 + 35 + 52 + 150 \\ &:= 1^3 + 3^5 + 4^2 + 8^0 + 10^1 = 13 + 35 + 42 + 80 + 101 & &:= 1^6 + 1^8 + 4^3 + 6^2 + 13^2 = 16 + 18 + 43 + 62 + 132 \\ &:= 1^4 + 1^6 + 2^7 + 5^3 + 16^1 = 14 + 16 + 27 + 53 + 161 & &:= 1^6 + 1^9 + 2^3 + 5^1 + 16^2 = 16 + 19 + 23 + 51 + 162 \\ &:= 1^4 + 1^8 + 2^3 + 3^5 + 18^1 = 14 + 18 + 23 + 35 + 181 & &:= 1^6 + 2^0 + 3^2 + 4^1 + 16^2 = 16 + 20 + 32 + 41 + 162 \\ &:= 1^4 + 1^8 + 2^8 + 9^0 + 12^1 = 14 + 18 + 28 + 90 + 121 & &:= 1^6 + 2^0 + 4^4 + 7^0 + 12^1 = 16 + 20 + 44 + 70 + 121 \\ &:= 1^4 + 1^9 + 3^2 + 3^5 + 17^1 = 14 + 19 + 32 + 35 + 171 & &:= 1^6 + 2^5 + 2^7 + 10^1 + 10^2 = 16 + 25 + 27 + 101 + 102 \\ &:= 1^4 + 2^0 + 2^3 + 6^2 + 15^2 = 14 + 20 + 23 + 62 + 152 & &:= 1^6 + 2^7 + 2^7 + 7^0 + 13^1 = 16 + 27 + 27 + 70 + 131 \\ &:= 1^4 + 2^0 + 3^5 + 5^2 + 15^0 = 14 + 20 + 35 + 52 + 150 & &:= 1^6 + 3^0 + 4^4 + 6^0 + 12^1 = 16 + 30 + 44 + 60 + 121 \\ &:= 1^4 + 2^0 + 4^3 + 6^2 + 13^2 = 14 + 20 + 43 + 62 + 132 & &:= 1^6 + 4^0 + 4^4 + 5^0 + 12^1 = 16 + 40 + 44 + 50 + 121 \\ &:= 1^4 + 2^2 + 4^4 + 9^1 + 10^0 = 14 + 22 + 44 + 91 + 100 & &:= 1^7 + 1^7 + 2^3 + 6^2 + 15^2 = 17 + 17 + 23 + 62 + 152 \\ &:= 1^4 + 2^2 + 6^3 + 7^2 + 10^0 = 14 + 22 + 63 + 72 + 100 & &:= 1^7 + 1^7 + 3^5 + 5^2 + 15^0 = 17 + 17 + 35 + 52 + 150 \\ &:= 1^4 + 3^0 + 3^5 + 5^2 + 14^0 = 14 + 30 + 35 + 52 + 140 & &:= 1^7 + 1^7 + 4^3 + 6^2 + 13^2 = 17 + 17 + 43 + 62 + 132 \\ &:= 1^4 + 3^2 + 4^0 + 4^3 + 14^2 = 14 + 32 + 40 + 43 + 142 & &:= 1^7 + 1^8 + 2^3 + 5^1 + 16^2 = 17 + 18 + 23 + 51 + 162 \\ &:= 1^4 + 3^2 + 4^1 + 4^4 + 14^0 = 14 + 32 + 41 + 44 + 140 & &:= 1^7 + 1^9 + 3^2 + 4^1 + 16^2 = 17 + 19 + 32 + 41 + 162 \\ &:= 1^4 + 3^5 + 4^0 + 5^2 + 13^0 = 14 + 35 + 40 + 52 + 130 & &:= 1^7 + 1^9 + 4^4 + 7^0 + 12^1 = 17 + 19 + 44 + 70 + 121 \\ &:= 1^4 + 3^5 + 5^0 + 5^2 + 12^0 = 14 + 35 + 50 + 52 + 120 & &:= 1^7 + 2^4 + 2^7 + 5^3 + 15^0 = 17 + 24 + 27 + 53 + 150 \\ &:= 1^4 + 3^5 + 5^2 + 6^0 + 11^0 = 14 + 35 + 52 + 60 + 110 & &:= 1^7 + 2^7 + 3^4 + 7^2 + 12^1 = 17 + 27 + 34 + 72 + 121 \\ &:= 1^4 + 3^5 + 5^2 + 7^0 + 10^0 = 14 + 35 + 52 + 70 + 100 & &:= 1^7 + 2^7 + 4^3 + 4^3 + 14^1 = 17 + 27 + 43 + 43 + 141 \\ &:= 1^4 + 3^5 + 5^2 + 8^0 + 9^0 = 14 + 35 + 52 + 80 + 90 & &:= 1^8 + 1^8 + 3^2 + 4^1 + 16^2 = 18 + 18 + 32 + 41 + 162 \\ &:= 1^5 + 1^5 + 2^7 + 5^3 + 16^1 = 15 + 15 + 27 + 53 + 161 & &:= 1^8 + 1^8 + 4^4 + 7^0 + 12^1 = 18 + 18 + 44 + 70 + 121 \\ &:= 1^5 + 1^7 + 2^3 + 3^5 + 18^1 = 15 + 17 + 23 + 35 + 181 & &:= 1^9 + 2^1 + 2^7 + 5^3 + 15^1 = 19 + 21 + 27 + 53 + 151 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^2 + 2^6 + 9^2 + 11^2 = 19 + 22 + 26 + 92 + 112 \\
 &:= 1^9 + 2^2 + 2^8 + 3^2 + 17^0 = 19 + 22 + 28 + 32 + 170 \\
 &:= 1^9 + 2^3 + 2^5 + 6^3 + 14^1 = 19 + 23 + 25 + 63 + 141 \\
 &:= 1^9 + 2^3 + 2^8 + 5^1 + 15^0 = 19 + 23 + 28 + 51 + 150 \\
 &:= 1^9 + 2^7 + 3^1 + 5^3 + 14^1 = 19 + 27 + 31 + 53 + 141 \\
 &:= 1^9 + 2^7 + 4^1 + 5^3 + 13^1 = 19 + 27 + 41 + 53 + 131 \\
 &:= 1^9 + 2^7 + 4^2 + 5^3 + 13^0 = 19 + 27 + 42 + 53 + 130 \\
 &:= 1^9 + 2^7 + 5^1 + 5^3 + 12^1 = 19 + 27 + 51 + 53 + 121 \\
 &:= 1^9 + 2^7 + 5^3 + 6^1 + 11^1 = 19 + 27 + 53 + 61 + 111 \\
 &:= 1^9 + 2^7 + 5^3 + 7^1 + 10^1 = 19 + 27 + 53 + 71 + 101 \\
 &:= 1^9 + 2^7 + 5^3 + 8^1 + 9^1 = 19 + 27 + 53 + 81 + 91 \\
 &:= 1^9 + 2^7 + 6^1 + 6^2 + 10^2 = 19 + 27 + 61 + 62 + 102 \\
 &:= 2^0 + 2^2 + 2^6 + 6^1 + 14^2 = 20 + 22 + 26 + 61 + 142 \\
 &:= 2^0 + 2^2 + 2^8 + 9^1 + 11^0 = 20 + 22 + 28 + 91 + 110 \\
 &:= 2^0 + 2^3 + 2^5 + 5^1 + 15^2 = 20 + 23 + 25 + 51 + 152 \\
 &:= 2^0 + 2^3 + 3^4 + 9^2 + 10^2 = 20 + 23 + 34 + 92 + 102 \\
 &:= 2^0 + 2^5 + 3^2 + 6^3 + 13^1 = 20 + 25 + 32 + 63 + 131 \\
 &:= 2^0 + 2^5 + 4^3 + 5^1 + 13^2 = 20 + 25 + 43 + 51 + 132 \\
 &:= 2^0 + 2^8 + 3^2 + 4^1 + 15^0 = 20 + 28 + 32 + 41 + 150 \\
 &:= 2^0 + 3^3 + 3^4 + 9^2 + 9^2 = 20 + 33 + 34 + 92 + 92 \\
 &:= 2^0 + 3^4 + 3^4 + 8^1 + 10^2 = 20 + 34 + 34 + 81 + 102 \\
 &:= 2^1 + 2^1 + 2^8 + 10^0 + 10^1 = 21 + 21 + 28 + 100 + 101 \\
 &:= 2^1 + 2^4 + 3^5 + 9^1 + 10^0 = 21 + 24 + 35 + 91 + 100 \\
 &:= 2^1 + 2^8 + 3^1 + 9^1 + 10^0 = 21 + 28 + 31 + 91 + 100 \\
 &:= 2^1 + 2^8 + 4^1 + 8^1 + 10^0 = 21 + 28 + 41 + 81 + 100 \\
 &:= 2^1 + 2^8 + 5^1 + 7^1 + 10^0 = 21 + 28 + 51 + 71 + 100 \\
 &:= 2^1 + 2^8 + 6^1 + 6^1 + 10^0 = 21 + 28 + 61 + 61 + 100 \\
 &:= 2^2 + 2^3 + 3^5 + 4^0 + 15^1 = 22 + 23 + 35 + 40 + 151 \\
 &:= 2^2 + 2^5 + 3^2 + 4^0 + 15^2 = 22 + 25 + 32 + 40 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^8 + 3^0 + 9^1 + 10^0 = 22 + 28 + 30 + 91 + 100 \\
 &:= 2^2 + 2^8 + 4^0 + 9^0 + 9^1 = 22 + 28 + 40 + 90 + 91 \\
 &:= 2^2 + 2^8 + 5^0 + 8^0 + 9^1 = 22 + 28 + 50 + 80 + 91 \\
 &:= 2^2 + 2^8 + 6^0 + 7^0 + 9^1 = 22 + 28 + 60 + 70 + 91 \\
 &:= 2^2 + 3^4 + 4^3 + 6^0 + 11^2 = 22 + 34 + 43 + 60 + 112 \\
 &:= 2^3 + 3^1 + 3^5 + 4^2 + 14^0 = 23 + 31 + 35 + 42 + 140 \\
 &:= 2^3 + 3^2 + 3^5 + 8^0 + 10^1 = 23 + 32 + 35 + 80 + 101 \\
 &:= 2^4 + 3^1 + 3^5 + 8^1 + 10^0 = 24 + 31 + 35 + 81 + 100 \\
 &:= 2^4 + 3^3 + 4^0 + 6^3 + 11^1 = 24 + 33 + 40 + 63 + 111 \\
 &:= 2^4 + 3^4 + 4^0 + 4^1 + 13^2 = 24 + 34 + 40 + 41 + 132 \\
 &:= 2^4 + 3^5 + 4^1 + 7^1 + 10^0 = 24 + 35 + 41 + 71 + 100 \\
 &:= 2^4 + 3^5 + 5^1 + 6^1 + 10^0 = 24 + 35 + 51 + 61 + 100 \\
 &:= 2^4 + 4^1 + 5^3 + 5^3 + 10^0 = 24 + 41 + 53 + 53 + 100 \\
 &:= 2^5 + 2^5 + 2^7 + 4^3 + 15^1 = 25 + 25 + 27 + 43 + 151 \\
 &:= 2^5 + 4^2 + 6^1 + 6^3 + 8^0 = 25 + 42 + 61 + 63 + 80 \\
 &:= 2^8 + 3^0 + 3^2 + 4^1 + 14^0 = 28 + 30 + 32 + 41 + 140 \\
 &:= 2^8 + 3^1 + 3^1 + 8^1 + 10^0 = 28 + 31 + 31 + 81 + 100 \\
 &:= 2^8 + 3^1 + 4^1 + 7^1 + 10^0 = 28 + 31 + 41 + 71 + 100 \\
 &:= 2^8 + 3^1 + 5^1 + 6^1 + 10^0 = 28 + 31 + 51 + 61 + 100 \\
 &:= 2^8 + 3^2 + 4^0 + 4^1 + 13^0 = 28 + 32 + 40 + 41 + 130 \\
 &:= 2^8 + 3^2 + 4^1 + 5^0 + 12^0 = 28 + 32 + 41 + 50 + 120 \\
 &:= 2^8 + 3^2 + 4^1 + 6^0 + 11^0 = 28 + 32 + 41 + 60 + 110 \\
 &:= 2^8 + 3^2 + 4^1 + 7^0 + 10^0 = 28 + 32 + 41 + 70 + 100 \\
 &:= 2^8 + 3^2 + 4^1 + 8^0 + 9^0 = 28 + 32 + 41 + 80 + 90 \\
 &:= 2^8 + 4^1 + 4^1 + 6^1 + 10^0 = 28 + 41 + 41 + 61 + 100 \\
 &:= 2^8 + 4^1 + 5^1 + 5^1 + 10^0 = 28 + 41 + 51 + 51 + 100 \\
 &:= 3^2 + 3^2 + 3^2 + 3^5 + 14^0 = 32 + 32 + 32 + 35 + 140 \\
 &:= 3^4 + 4^0 + 4^3 + 5^2 + 10^2 = 34 + 40 + 43 + 52 + 102
 \end{aligned}$$

2.2.173 Number 272

$$\begin{aligned}
 272 &:= 1^1 + 2^7 + 5^3 + 18^1 = 11 + 27 + 53 + 181 \\
 &:= 1^3 + 2^3 + 3^5 + 20^1 = 13 + 23 + 35 + 201 \\
 &:= 1^3 + 2^8 + 9^0 + 14^1 = 13 + 28 + 90 + 141 \\
 &:= 1^4 + 3^2 + 3^5 + 19^1 = 14 + 32 + 35 + 191 \\
 &:= 1^4 + 3^3 + 3^5 + 19^0 = 14 + 33 + 35 + 190 \\
 &:= 1^5 + 3^3 + 10^2 + 12^2 = 15 + 33 + 102 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 2^3 + 7^1 + 16^2 = 16 + 23 + 71 + 162 \\
 &:= 1^7 + 2^1 + 10^2 + 13^2 = 17 + 21 + 102 + 132 \\
 &:= 1^7 + 3^2 + 6^1 + 16^2 = 17 + 32 + 61 + 162 \\
 &:= 1^7 + 4^4 + 7^0 + 14^1 = 17 + 44 + 70 + 141 \\
 &:= 2^1 + 2^7 + 5^3 + 17^1 = 21 + 27 + 53 + 171 \\
 &:= 2^3 + 2^5 + 6^3 + 16^1 = 23 + 25 + 63 + 161
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 2^8 + 7^1 + 15^0 = 23 + 28 + 71 + 150 & & := 1^1 + 1^3 + 1^4 + 10^2 + 13^2 = 11 + 13 + 14 + 102 + 132 \\
 &:= 2^7 + 3^1 + 5^3 + 16^1 = 27 + 31 + 53 + 161 & & := 1^1 + 1^3 + 3^2 + 3^5 + 18^1 = 11 + 13 + 32 + 35 + 181 \\
 &:= 2^7 + 4^1 + 5^3 + 15^1 = 27 + 41 + 53 + 151 & & := 1^1 + 1^5 + 2^3 + 6^1 + 16^2 = 11 + 15 + 23 + 61 + 162 \\
 &:= 2^7 + 5^1 + 5^3 + 14^1 = 27 + 51 + 53 + 141 & & := 1^1 + 1^5 + 3^2 + 6^2 + 15^2 = 11 + 15 + 32 + 62 + 152 \\
 &:= 2^7 + 5^3 + 6^1 + 13^1 = 27 + 53 + 61 + 131 & & := 1^1 + 1^6 + 3^2 + 5^1 + 16^2 = 11 + 16 + 32 + 51 + 162 \\
 &:= 2^7 + 5^3 + 7^1 + 12^1 = 27 + 53 + 71 + 121 & & := 1^1 + 1^6 + 4^4 + 7^0 + 13^1 = 11 + 16 + 44 + 70 + 131 \\
 &:= 2^7 + 5^3 + 8^1 + 11^1 = 27 + 53 + 81 + 111 & & := 1^1 + 1^6 + 5^3 + 7^0 + 12^2 = 11 + 16 + 53 + 70 + 122 \\
 &:= 2^7 + 5^3 + 9^1 + 10^1 = 27 + 53 + 91 + 101 & & := 1^1 + 2^2 + 2^6 + 7^1 + 14^2 = 11 + 22 + 26 + 71 + 142 \\
 &:= 2^7 + 6^2 + 8^1 + 10^2 = 27 + 62 + 81 + 102 & & := 1^1 + 2^2 + 2^8 + 10^1 + 11^0 = 11 + 22 + 28 + 101 + 110 \\
 &:= 1^0 + 1^0 + 1^8 + 10^2 + 13^2 = 10 + 10 + 18 + 102 + 132 & & := 1^1 + 2^3 + 2^5 + 6^1 + 15^2 = 11 + 23 + 25 + 61 + 152 \\
 &:= 1^0 + 1^1 + 1^7 + 10^2 + 13^2 = 10 + 11 + 17 + 102 + 132 & & := 1^1 + 2^5 + 3^2 + 6^3 + 14^1 = 11 + 25 + 32 + 63 + 141 \\
 &:= 1^0 + 1^1 + 2^7 + 5^3 + 17^1 = 10 + 11 + 27 + 53 + 171 & & := 1^1 + 2^5 + 4^3 + 6^1 + 13^2 = 11 + 25 + 43 + 61 + 132 \\
 &:= 1^0 + 1^2 + 1^6 + 10^2 + 13^2 = 10 + 12 + 16 + 102 + 132 & & := 1^1 + 2^6 + 5^3 + 9^0 + 9^2 = 11 + 26 + 53 + 90 + 92 \\
 &:= 1^0 + 1^3 + 1^5 + 10^2 + 13^2 = 10 + 13 + 15 + 102 + 132 & & := 1^1 + 2^8 + 3^2 + 5^1 + 15^0 = 11 + 28 + 32 + 51 + 150 \\
 &:= 1^0 + 1^3 + 2^3 + 3^5 + 19^1 = 10 + 13 + 23 + 35 + 191 & & := 1^1 + 3^4 + 3^4 + 9^1 + 10^2 = 11 + 34 + 34 + 91 + 102 \\
 &:= 1^0 + 1^3 + 2^8 + 9^0 + 13^1 = 10 + 13 + 28 + 90 + 131 & & := 1^2 + 1^2 + 1^4 + 10^2 + 13^2 = 12 + 12 + 14 + 102 + 132 \\
 &:= 1^0 + 1^4 + 1^4 + 10^2 + 13^2 = 10 + 14 + 14 + 102 + 132 & & := 1^2 + 1^2 + 3^2 + 3^5 + 18^1 = 12 + 12 + 32 + 35 + 181 \\
 &:= 1^0 + 1^4 + 3^2 + 3^5 + 18^1 = 10 + 14 + 32 + 35 + 181 & & := 1^2 + 1^3 + 1^3 + 10^2 + 13^2 = 12 + 13 + 13 + 102 + 132 \\
 &:= 1^0 + 1^6 + 2^3 + 6^1 + 16^2 = 10 + 16 + 23 + 61 + 162 & & := 1^2 + 1^4 + 2^3 + 6^1 + 16^2 = 12 + 14 + 23 + 61 + 162 \\
 &:= 1^0 + 1^6 + 3^2 + 6^2 + 15^2 = 10 + 16 + 32 + 62 + 152 & & := 1^2 + 1^4 + 3^2 + 6^2 + 15^2 = 12 + 14 + 32 + 62 + 152 \\
 &:= 1^0 + 1^7 + 3^2 + 5^1 + 16^2 = 10 + 17 + 32 + 51 + 162 & & := 1^2 + 1^5 + 3^2 + 5^1 + 16^2 = 12 + 15 + 32 + 51 + 162 \\
 &:= 1^0 + 1^7 + 4^4 + 7^0 + 13^1 = 10 + 17 + 44 + 70 + 131 & & := 1^2 + 1^5 + 4^4 + 7^0 + 13^1 = 12 + 15 + 44 + 70 + 131 \\
 &:= 1^0 + 1^7 + 5^3 + 7^0 + 12^2 = 10 + 17 + 53 + 70 + 122 & & := 1^2 + 1^5 + 5^3 + 7^0 + 12^2 = 12 + 15 + 53 + 70 + 122 \\
 &:= 1^0 + 2^1 + 2^7 + 5^3 + 16^1 = 10 + 21 + 27 + 53 + 161 & & := 1^2 + 2^1 + 2^3 + 3^5 + 18^1 = 12 + 21 + 23 + 35 + 181 \\
 &:= 1^0 + 2^3 + 2^5 + 6^3 + 15^1 = 10 + 23 + 25 + 63 + 151 & & := 1^2 + 2^1 + 2^8 + 9^0 + 12^1 = 12 + 21 + 28 + 90 + 121 \\
 &:= 1^0 + 2^3 + 2^8 + 6^1 + 15^0 = 10 + 23 + 28 + 61 + 150 & & := 1^2 + 2^3 + 3^1 + 3^5 + 17^1 = 12 + 23 + 31 + 35 + 171 \\
 &:= 1^0 + 2^7 + 3^1 + 5^3 + 15^1 = 10 + 27 + 31 + 53 + 151 & & := 1^2 + 2^3 + 3^5 + 10^1 + 10^1 = 12 + 23 + 35 + 101 + 101 \\
 &:= 1^0 + 2^7 + 4^1 + 5^3 + 14^1 = 10 + 27 + 41 + 53 + 141 & & := 1^2 + 2^3 + 3^5 + 4^1 + 16^1 = 12 + 23 + 35 + 41 + 161 \\
 &:= 1^0 + 2^7 + 5^1 + 5^3 + 13^1 = 10 + 27 + 51 + 53 + 131 & & := 1^2 + 2^3 + 3^5 + 5^1 + 15^1 = 12 + 23 + 35 + 51 + 151 \\
 &:= 1^0 + 2^7 + 5^3 + 6^1 + 12^1 = 10 + 27 + 53 + 61 + 121 & & := 1^2 + 2^3 + 3^5 + 6^1 + 14^1 = 12 + 23 + 35 + 61 + 141 \\
 &:= 1^0 + 2^7 + 5^3 + 7^1 + 11^1 = 10 + 27 + 53 + 71 + 111 & & := 1^2 + 2^3 + 3^5 + 7^1 + 13^1 = 12 + 23 + 35 + 71 + 131 \\
 &:= 1^0 + 2^7 + 5^3 + 8^1 + 10^1 = 10 + 27 + 53 + 81 + 101 & & := 1^2 + 2^3 + 3^5 + 8^1 + 12^1 = 12 + 23 + 35 + 81 + 121 \\
 &:= 1^0 + 2^7 + 5^3 + 9^1 + 9^1 = 10 + 27 + 53 + 91 + 91 & & := 1^2 + 2^3 + 3^5 + 9^1 + 11^1 = 12 + 23 + 35 + 91 + 111 \\
 &:= 1^0 + 2^7 + 6^2 + 7^1 + 10^2 = 10 + 27 + 62 + 71 + 102 & & := 1^2 + 2^3 + 5^3 + 5^3 + 13^1 = 12 + 23 + 53 + 53 + 131 \\
 &:= 1^1 + 1^1 + 1^6 + 10^2 + 13^2 = 11 + 11 + 16 + 102 + 132 & & := 1^2 + 2^4 + 3^5 + 9^0 + 11^1 = 12 + 24 + 35 + 90 + 111 \\
 &:= 1^1 + 1^2 + 1^5 + 10^2 + 13^2 = 11 + 12 + 15 + 102 + 132 & & := 1^2 + 2^5 + 3^2 + 5^1 + 15^2 = 12 + 25 + 32 + 51 + 152 \\
 &:= 1^1 + 1^2 + 2^3 + 3^5 + 19^1 = 11 + 12 + 23 + 35 + 191 & & := 1^2 + 2^8 + 3^1 + 9^0 + 11^1 = 12 + 28 + 31 + 90 + 111 \\
 &:= 1^1 + 1^2 + 2^8 + 9^0 + 13^1 = 11 + 12 + 28 + 90 + 131 & & := 1^2 + 2^8 + 4^1 + 9^0 + 10^1 = 12 + 28 + 41 + 90 + 101
 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^8 + 5^1 + 9^0 + 9^1 = 12 + 28 + 51 + 90 + 91 & &:= 1^4 + 4^3 + 5^3 + 7^0 + 9^2 = 14 + 43 + 53 + 70 + 92 \\ &:= 1^2 + 2^8 + 6^1 + 8^1 + 9^0 = 12 + 28 + 61 + 81 + 90 & &:= 1^5 + 1^8 + 2^8 + 8^0 + 13^1 = 15 + 18 + 28 + 80 + 131 \\ &:= 1^2 + 2^8 + 7^1 + 7^1 + 9^0 = 12 + 28 + 71 + 71 + 90 & &:= 1^5 + 2^1 + 2^3 + 5^1 + 16^2 = 15 + 21 + 23 + 51 + 162 \\ &:= 1^2 + 3^2 + 3^4 + 9^2 + 10^2 = 12 + 32 + 34 + 92 + 102 & &:= 1^5 + 2^2 + 4^4 + 9^0 + 10^1 = 15 + 22 + 44 + 90 + 101 \\ &:= 1^2 + 3^3 + 4^3 + 6^2 + 12^2 = 12 + 33 + 43 + 62 + 122 & &:= 1^5 + 2^3 + 3^1 + 4^1 + 16^2 = 15 + 23 + 31 + 41 + 162 \\ &:= 1^2 + 3^4 + 4^3 + 5^3 + 13^0 = 12 + 34 + 43 + 53 + 130 & &:= 1^5 + 3^0 + 5^3 + 8^2 + 9^2 = 15 + 30 + 53 + 82 + 92 \\ &:= 1^3 + 1^3 + 2^3 + 6^1 + 16^2 = 13 + 13 + 23 + 61 + 162 & &:= 1^5 + 3^2 + 4^4 + 5^1 + 13^0 = 15 + 32 + 44 + 51 + 130 \\ &:= 1^3 + 1^3 + 3^2 + 6^2 + 15^2 = 13 + 13 + 32 + 62 + 152 & &:= 1^6 + 1^7 + 2^8 + 8^0 + 13^1 = 16 + 17 + 28 + 80 + 131 \\ &:= 1^3 + 1^4 + 3^2 + 5^1 + 16^2 = 13 + 14 + 32 + 51 + 162 & &:= 1^6 + 2^1 + 3^2 + 4^1 + 16^2 = 16 + 21 + 32 + 41 + 162 \\ &:= 1^3 + 1^4 + 4^4 + 7^0 + 13^1 = 13 + 14 + 44 + 70 + 131 & &:= 1^6 + 2^1 + 4^4 + 7^0 + 12^1 = 16 + 21 + 44 + 70 + 121 \\ &:= 1^3 + 1^4 + 5^3 + 7^0 + 12^2 = 13 + 14 + 53 + 70 + 122 & &:= 1^6 + 3^1 + 3^1 + 3^2 + 16^2 = 16 + 31 + 31 + 32 + 162 \\ &:= 1^3 + 2^0 + 2^8 + 8^0 + 13^1 = 13 + 20 + 28 + 80 + 131 & &:= 1^6 + 3^1 + 4^4 + 7^0 + 11^1 = 16 + 31 + 44 + 70 + 111 \\ &:= 1^3 + 2^1 + 3^2 + 3^5 + 17^1 = 13 + 21 + 32 + 35 + 171 & &:= 1^6 + 4^1 + 4^4 + 7^0 + 10^1 = 16 + 41 + 44 + 70 + 101 \\ &:= 1^3 + 2^3 + 6^2 + 6^3 + 11^1 = 13 + 23 + 62 + 63 + 111 & &:= 1^6 + 4^4 + 5^1 + 7^0 + 9^1 = 16 + 44 + 51 + 70 + 91 \\ &:= 1^3 + 2^8 + 3^0 + 7^0 + 13^1 = 13 + 28 + 30 + 70 + 131 & &:= 1^6 + 4^4 + 6^1 + 7^0 + 8^1 = 16 + 44 + 61 + 70 + 81 \\ &:= 1^3 + 2^8 + 4^0 + 6^0 + 13^1 = 13 + 28 + 40 + 60 + 131 & &:= 1^6 + 4^4 + 7^0 + 7^1 + 7^1 = 16 + 44 + 70 + 71 + 71 \\ &:= 1^3 + 2^8 + 5^0 + 5^0 + 13^1 = 13 + 28 + 50 + 50 + 131 & &:= 1^6 + 5^1 + 6^3 + 7^0 + 7^2 = 16 + 51 + 63 + 70 + 72 \\ &:= 1^3 + 3^1 + 3^2 + 3^5 + 16^1 = 13 + 31 + 32 + 35 + 161 & &:= 1^7 + 2^0 + 4^4 + 6^0 + 13^1 = 17 + 20 + 44 + 60 + 131 \\ &:= 1^3 + 3^2 + 3^5 + 4^1 + 15^1 = 13 + 32 + 35 + 41 + 151 & &:= 1^7 + 2^0 + 5^3 + 6^0 + 12^2 = 17 + 20 + 53 + 60 + 122 \\ &:= 1^3 + 3^2 + 3^5 + 5^1 + 14^1 = 13 + 32 + 35 + 51 + 141 & &:= 1^7 + 2^7 + 2^7 + 6^0 + 14^1 = 17 + 27 + 27 + 60 + 141 \\ &:= 1^3 + 3^2 + 3^5 + 6^1 + 13^1 = 13 + 32 + 35 + 61 + 131 & &:= 1^7 + 3^0 + 4^4 + 5^0 + 13^1 = 17 + 30 + 44 + 50 + 131 \\ &:= 1^3 + 3^2 + 3^5 + 7^1 + 12^1 = 13 + 32 + 35 + 71 + 121 & &:= 1^7 + 3^0 + 5^0 + 5^3 + 12^2 = 17 + 30 + 50 + 53 + 122 \\ &:= 1^3 + 3^2 + 3^5 + 8^1 + 11^1 = 13 + 32 + 35 + 81 + 111 & &:= 1^7 + 4^0 + 4^0 + 4^4 + 13^1 = 17 + 40 + 40 + 44 + 131 \\ &:= 1^3 + 3^2 + 3^5 + 9^1 + 10^1 = 13 + 32 + 35 + 91 + 101 & &:= 1^7 + 4^0 + 4^0 + 5^3 + 12^2 = 17 + 40 + 40 + 53 + 122 \\ &:= 1^3 + 3^2 + 5^3 + 5^3 + 12^1 = 13 + 32 + 53 + 53 + 121 & &:= 1^8 + 1^9 + 4^4 + 6^0 + 13^1 = 18 + 19 + 44 + 60 + 131 \\ &:= 1^3 + 3^3 + 3^3 + 6^3 + 13^0 = 13 + 33 + 33 + 63 + 130 & &:= 1^8 + 1^9 + 5^3 + 6^0 + 12^2 = 18 + 19 + 53 + 60 + 122 \\ &:= 1^3 + 3^3 + 4^2 + 6^3 + 12^1 = 13 + 33 + 42 + 63 + 121 & &:= 1^9 + 2^6 + 3^4 + 5^3 + 14^0 = 19 + 26 + 34 + 53 + 140 \\ &:= 1^3 + 3^4 + 4^2 + 5^1 + 13^2 = 13 + 34 + 42 + 51 + 132 & &:= 2^0 + 2^3 + 2^8 + 6^1 + 14^0 = 20 + 23 + 28 + 61 + 140 \\ &:= 1^3 + 3^4 + 5^3 + 8^2 + 9^0 = 13 + 34 + 53 + 82 + 90 & &:= 2^1 + 2^2 + 2^6 + 6^1 + 14^2 = 21 + 22 + 26 + 61 + 142 \\ &:= 1^3 + 4^2 + 5^3 + 7^2 + 9^2 = 13 + 42 + 53 + 72 + 92 & &:= 2^1 + 2^2 + 2^8 + 9^1 + 11^0 = 21 + 22 + 28 + 91 + 110 \\ &:= 1^4 + 1^9 + 2^8 + 8^0 + 13^1 = 14 + 19 + 28 + 80 + 131 & &:= 2^1 + 2^3 + 2^5 + 5^1 + 15^2 = 21 + 23 + 25 + 51 + 152 \\ &:= 1^4 + 2^1 + 2^3 + 6^2 + 15^2 = 14 + 21 + 23 + 62 + 152 & &:= 2^1 + 2^3 + 3^4 + 9^2 + 10^2 = 21 + 23 + 34 + 92 + 102 \\ &:= 1^4 + 2^1 + 3^5 + 5^2 + 15^0 = 14 + 21 + 35 + 52 + 150 & &:= 2^1 + 2^5 + 3^2 + 6^3 + 13^1 = 21 + 25 + 32 + 63 + 131 \\ &:= 1^4 + 2^1 + 4^3 + 6^2 + 13^2 = 14 + 21 + 43 + 62 + 132 & &:= 2^1 + 2^5 + 4^3 + 5^1 + 13^2 = 21 + 25 + 43 + 51 + 132 \\ &:= 1^4 + 2^3 + 4^4 + 6^1 + 13^0 = 14 + 23 + 44 + 61 + 130 & &:= 2^1 + 2^8 + 3^2 + 4^1 + 15^0 = 21 + 28 + 32 + 41 + 150 \\ &:= 1^4 + 3^1 + 3^3 + 4^2 + 15^2 = 14 + 31 + 33 + 42 + 152 & &:= 2^1 + 3^3 + 3^4 + 9^2 + 9^2 = 21 + 33 + 34 + 92 + 92 \\ &:= 1^4 + 3^2 + 6^2 + 6^3 + 10^1 = 14 + 32 + 62 + 63 + 101 & &:= 2^1 + 3^4 + 3^4 + 8^1 + 10^2 = 21 + 34 + 34 + 81 + 102 \\ &:= 1^4 + 3^5 + 4^2 + 7^0 + 11^1 = 14 + 35 + 42 + 70 + 111 & &:= 2^2 + 2^2 + 2^2 + 3^5 + 17^1 = 22 + 22 + 22 + 35 + 171 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^3 + 3^5 + 4^2 + 15^0 = 22 + 23 + 35 + 42 + 150 \\
 &:= 2^2 + 2^4 + 3^5 + 8^1 + 11^0 = 22 + 24 + 35 + 81 + 110 \\
 &:= 2^2 + 2^4 + 5^2 + 6^3 + 11^1 = 22 + 24 + 52 + 63 + 111 \\
 &:= 2^2 + 2^4 + 5^3 + 6^1 + 11^2 = 22 + 24 + 53 + 61 + 112 \\
 &:= 2^2 + 2^6 + 3^1 + 5^1 + 14^2 = 22 + 26 + 31 + 51 + 142 \\
 &:= 2^2 + 2^6 + 4^1 + 4^1 + 14^2 = 22 + 26 + 41 + 41 + 142 \\
 &:= 2^2 + 2^8 + 3^1 + 8^1 + 11^0 = 22 + 28 + 31 + 81 + 110 \\
 &:= 2^2 + 2^8 + 4^1 + 7^1 + 11^0 = 22 + 28 + 41 + 71 + 110 \\
 &:= 2^2 + 2^8 + 5^1 + 6^1 + 11^0 = 22 + 28 + 51 + 61 + 110 \\
 &:= 2^3 + 2^3 + 3^3 + 4^1 + 15^2 = 23 + 23 + 33 + 41 + 152 \\
 &:= 2^3 + 2^3 + 3^5 + 7^0 + 12^1 = 23 + 23 + 35 + 70 + 121 \\
 &:= 2^3 + 2^5 + 3^1 + 4^1 + 15^2 = 23 + 25 + 31 + 41 + 152 \\
 &:= 2^3 + 2^6 + 3^1 + 5^0 + 14^2 = 23 + 26 + 31 + 50 + 142 \\
 &:= 2^3 + 2^8 + 3^0 + 6^1 + 13^0 = 23 + 28 + 30 + 61 + 130 \\
 &:= 2^3 + 2^8 + 4^0 + 6^1 + 12^0 = 23 + 28 + 40 + 61 + 120 \\
 &:= 2^3 + 2^8 + 5^0 + 6^1 + 11^0 = 23 + 28 + 50 + 61 + 110 \\
 &:= 2^3 + 2^8 + 6^0 + 6^1 + 10^0 = 23 + 28 + 60 + 61 + 100 \\
 &:= 2^3 + 2^8 + 6^1 + 7^0 + 9^0 = 23 + 28 + 61 + 70 + 90 \\
 &:= 2^3 + 2^8 + 6^1 + 8^0 + 8^0 = 23 + 28 + 61 + 80 + 80 \\
 &:= 2^3 + 3^1 + 3^4 + 6^2 + 12^2 = 23 + 31 + 34 + 62 + 122 \\
 &:= 2^3 + 3^2 + 3^3 + 6^3 + 12^1 = 23 + 32 + 33 + 63 + 121 \\
 &:= 2^3 + 3^2 + 3^4 + 5^1 + 13^2 = 23 + 32 + 34 + 51 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 3^2 + 5^3 + 7^2 + 9^2 = 23 + 32 + 53 + 72 + 92 \\
 &:= 2^3 + 3^3 + 4^1 + 4^3 + 13^2 = 23 + 33 + 41 + 43 + 132 \\
 &:= 2^4 + 3^1 + 3^2 + 3^5 + 15^0 = 24 + 31 + 32 + 35 + 150 \\
 &:= 2^4 + 3^1 + 5^3 + 8^2 + 8^2 = 24 + 31 + 53 + 82 + 82 \\
 &:= 2^5 + 3^0 + 3^3 + 4^2 + 14^2 = 25 + 30 + 33 + 42 + 142 \\
 &:= 2^5 + 3^1 + 3^2 + 6^3 + 12^1 = 25 + 31 + 32 + 63 + 121 \\
 &:= 2^5 + 3^1 + 4^1 + 4^3 + 13^2 = 25 + 31 + 41 + 43 + 132 \\
 &:= 2^5 + 3^2 + 4^1 + 6^3 + 11^1 = 25 + 32 + 41 + 63 + 111 \\
 &:= 2^5 + 3^2 + 5^1 + 6^3 + 10^1 = 25 + 32 + 51 + 63 + 101 \\
 &:= 2^5 + 3^2 + 6^1 + 6^3 + 9^1 = 25 + 32 + 61 + 63 + 91 \\
 &:= 2^5 + 3^2 + 6^3 + 7^1 + 8^1 = 25 + 32 + 63 + 71 + 81 \\
 &:= 2^7 + 3^0 + 4^2 + 6^1 + 11^2 = 27 + 30 + 42 + 61 + 112 \\
 &:= 2^8 + 3^1 + 3^1 + 3^2 + 15^0 = 28 + 31 + 31 + 32 + 150 \\
 &:= 3^1 + 3^4 + 3^4 + 7^1 + 10^2 = 31 + 34 + 34 + 71 + 102 \\
 &:= 3^2 + 3^4 + 3^4 + 7^0 + 10^2 = 32 + 34 + 34 + 70 + 102 \\
 &:= 3^2 + 3^4 + 5^3 + 7^2 + 8^1 = 32 + 34 + 53 + 72 + 81 \\
 &:= 3^2 + 4^3 + 4^3 + 5^3 + 10^1 = 32 + 43 + 43 + 53 + 101 \\
 &:= 3^3 + 3^4 + 4^1 + 4^2 + 12^2 = 33 + 34 + 41 + 42 + 122 \\
 &:= 3^3 + 4^3 + 5^3 + 7^1 + 7^2 = 33 + 43 + 53 + 71 + 72 \\
 &:= 3^4 + 3^4 + 4^1 + 6^1 + 10^2 = 34 + 34 + 41 + 61 + 102 \\
 &:= 3^4 + 3^4 + 5^1 + 5^1 + 10^2 = 34 + 34 + 51 + 51 + 102
 \end{aligned}$$

2.2.174 Number 273

$$\begin{aligned}
 273 &:= 1^4 + 2^8 + 8^0 + 15^1 = 14 + 28 + 80 + 151 \\
 &:= 1^8 + 4^4 + 6^0 + 15^1 = 18 + 44 + 60 + 151 \\
 &:= 1^0 + 1^4 + 2^8 + 8^0 + 14^1 = 10 + 14 + 28 + 80 + 141 \\
 &:= 1^0 + 1^5 + 3^3 + 3^5 + 18^0 = 10 + 15 + 33 + 35 + 180 \\
 &:= 1^0 + 1^8 + 4^4 + 6^0 + 14^1 = 10 + 18 + 44 + 60 + 141 \\
 &:= 1^1 + 1^3 + 2^8 + 8^0 + 14^1 = 11 + 13 + 28 + 80 + 141 \\
 &:= 1^1 + 1^4 + 3^3 + 3^5 + 18^0 = 11 + 14 + 33 + 35 + 180 \\
 &:= 1^1 + 1^7 + 4^4 + 6^0 + 14^1 = 11 + 17 + 44 + 60 + 141 \\
 &:= 1^1 + 2^3 + 2^8 + 7^1 + 14^0 = 11 + 23 + 28 + 71 + 140 \\
 &:= 1^2 + 1^2 + 2^8 + 8^0 + 14^1 = 12 + 12 + 28 + 80 + 141 \\
 &:= 1^2 + 1^3 + 3^3 + 3^5 + 18^0 = 12 + 13 + 33 + 35 + 180 \\
 &:= 1^2 + 1^6 + 4^4 + 6^0 + 14^1 = 12 + 16 + 44 + 60 + 141 \\
 &:= 1^2 + 2^2 + 2^8 + 10^0 + 11^1 = 12 + 22 + 28 + 100 + 111
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 2^8 + 3^2 + 6^1 + 14^0 = 12 + 28 + 32 + 61 + 140 \\
 &:= 1^3 + 1^5 + 4^4 + 6^0 + 14^1 = 13 + 15 + 44 + 60 + 141 \\
 &:= 1^3 + 2^1 + 2^8 + 8^0 + 13^1 = 13 + 21 + 28 + 80 + 131 \\
 &:= 1^3 + 2^4 + 3^5 + 8^0 + 12^1 = 13 + 24 + 35 + 80 + 121 \\
 &:= 1^3 + 2^8 + 3^1 + 8^0 + 12^1 = 13 + 28 + 31 + 80 + 121 \\
 &:= 1^3 + 2^8 + 4^1 + 8^0 + 11^1 = 13 + 28 + 41 + 80 + 111 \\
 &:= 1^3 + 2^8 + 5^1 + 8^0 + 10^1 = 13 + 28 + 51 + 80 + 101 \\
 &:= 1^3 + 2^8 + 6^1 + 8^0 + 9^1 = 13 + 28 + 61 + 80 + 91 \\
 &:= 1^3 + 2^8 + 7^1 + 8^0 + 8^1 = 13 + 28 + 71 + 80 + 81 \\
 &:= 1^4 + 1^4 + 4^4 + 6^0 + 14^1 = 14 + 14 + 44 + 60 + 141 \\
 &:= 1^4 + 2^0 + 2^8 + 7^0 + 14^1 = 14 + 20 + 28 + 70 + 141 \\
 &:= 1^4 + 2^8 + 3^0 + 6^0 + 14^1 = 14 + 28 + 30 + 60 + 141 \\
 &:= 1^4 + 2^8 + 4^0 + 5^0 + 14^1 = 14 + 28 + 40 + 50 + 141
 \end{aligned}$$

$:= 1^5 + 1^9 + 2^8 + 7^0 + 14^1 = 15 + 19 + 28 + 70 + 141$	$:= 1^7 + 6^0 + 6^1 + 6^3 + 7^2 = 17 + 60 + 61 + 63 + 72$
$:= 1^5 + 2^0 + 3^3 + 3^5 + 17^0 = 15 + 20 + 33 + 35 + 170$	$:= 1^8 + 2^0 + 4^4 + 5^0 + 14^1 = 18 + 20 + 44 + 50 + 141$
$:= 1^5 + 2^3 + 4^4 + 7^1 + 12^0 = 15 + 23 + 44 + 71 + 120$	$:= 1^8 + 2^7 + 2^7 + 5^0 + 15^1 = 18 + 27 + 27 + 50 + 151$
$:= 1^5 + 3^0 + 3^3 + 3^5 + 16^0 = 15 + 30 + 33 + 35 + 160$	$:= 1^8 + 3^0 + 4^0 + 4^4 + 14^1 = 18 + 30 + 40 + 44 + 141$
$:= 1^5 + 3^1 + 3^5 + 5^2 + 14^0 = 15 + 31 + 35 + 52 + 140$	$:= 1^9 + 1^9 + 4^4 + 5^0 + 14^1 = 19 + 19 + 44 + 50 + 141$
$:= 1^5 + 3^3 + 3^5 + 4^0 + 15^0 = 15 + 33 + 35 + 40 + 150$	$:= 1^9 + 2^5 + 2^5 + 8^2 + 12^2 = 19 + 25 + 25 + 82 + 122$
$:= 1^5 + 3^3 + 3^5 + 5^0 + 14^0 = 15 + 33 + 35 + 50 + 140$	$:= 1^9 + 2^5 + 2^6 + 7^1 + 13^2 = 19 + 25 + 26 + 71 + 132$
$:= 1^5 + 3^3 + 3^5 + 6^0 + 13^0 = 15 + 33 + 35 + 60 + 130$	$:= 2^0 + 2^2 + 2^7 + 5^3 + 15^1 = 20 + 22 + 27 + 53 + 151$
$:= 1^5 + 3^3 + 3^5 + 7^0 + 12^0 = 15 + 33 + 35 + 70 + 120$	$:= 2^0 + 2^3 + 2^6 + 10^2 + 10^2 = 20 + 23 + 26 + 102 + 102$
$:= 1^5 + 3^3 + 3^5 + 8^0 + 11^0 = 15 + 33 + 35 + 80 + 110$	$:= 2^0 + 2^6 + 3^3 + 9^2 + 10^2 = 20 + 26 + 33 + 92 + 102$
$:= 1^5 + 3^3 + 3^5 + 9^0 + 10^0 = 15 + 33 + 35 + 90 + 100$	$:= 2^1 + 2^3 + 2^8 + 6^1 + 14^0 = 21 + 23 + 28 + 61 + 140$
$:= 1^5 + 3^5 + 4^2 + 6^0 + 12^1 = 15 + 35 + 42 + 60 + 121$	$:= 2^2 + 2^2 + 2^8 + 8^1 + 12^0 = 22 + 22 + 28 + 81 + 120$
$:= 1^6 + 1^8 + 2^8 + 7^0 + 14^1 = 16 + 18 + 28 + 70 + 141$	$:= 2^2 + 2^3 + 2^6 + 6^0 + 14^2 = 22 + 23 + 26 + 60 + 142$
$:= 1^6 + 1^9 + 3^3 + 3^5 + 17^0 = 16 + 19 + 33 + 35 + 170$	$:= 2^2 + 2^4 + 3^2 + 3^5 + 16^0 = 22 + 24 + 32 + 35 + 160$
$:= 1^6 + 2^2 + 4^4 + 8^0 + 11^1 = 16 + 22 + 44 + 80 + 111$	$:= 2^2 + 2^8 + 3^1 + 3^2 + 16^0 = 22 + 28 + 31 + 32 + 160$
$:= 1^6 + 2^6 + 2^7 + 4^3 + 16^1 = 16 + 26 + 27 + 43 + 161$	$:= 2^3 + 2^4 + 3^5 + 5^1 + 14^0 = 23 + 24 + 35 + 51 + 140$
$:= 1^6 + 3^2 + 4^4 + 6^1 + 12^0 = 16 + 32 + 44 + 61 + 120$	$:= 2^3 + 2^5 + 4^2 + 6^3 + 12^0 = 23 + 25 + 42 + 63 + 120$
$:= 1^6 + 4^0 + 5^2 + 5^3 + 11^2 = 16 + 40 + 52 + 53 + 112$	$:= 2^3 + 2^8 + 3^1 + 5^1 + 14^0 = 23 + 28 + 31 + 51 + 140$
$:= 1^7 + 1^7 + 2^8 + 7^0 + 14^1 = 17 + 17 + 28 + 70 + 141$	$:= 2^3 + 2^8 + 4^1 + 4^1 + 14^0 = 23 + 28 + 41 + 41 + 140$
$:= 1^7 + 1^8 + 3^3 + 3^5 + 17^0 = 17 + 18 + 33 + 35 + 170$	$:= 2^4 + 2^5 + 6^3 + 8^0 + 8^1 = 24 + 25 + 63 + 80 + 81$
$:= 1^7 + 2^1 + 4^4 + 6^0 + 13^1 = 17 + 21 + 44 + 60 + 131$	$:= 2^4 + 2^6 + 2^6 + 2^7 + 17^0 = 24 + 26 + 26 + 27 + 170$
$:= 1^7 + 2^1 + 5^3 + 6^0 + 12^2 = 17 + 21 + 53 + 60 + 122$	$:= 2^6 + 3^4 + 4^0 + 6^1 + 11^2 = 26 + 34 + 40 + 61 + 112$
$:= 1^7 + 3^1 + 4^4 + 6^0 + 12^1 = 17 + 31 + 44 + 60 + 121$	$:= 2^7 + 3^1 + 4^2 + 5^3 + 12^0 = 27 + 31 + 42 + 53 + 120$
$:= 1^7 + 4^1 + 4^4 + 6^0 + 11^1 = 17 + 41 + 44 + 60 + 111$	$:= 2^7 + 3^2 + 5^3 + 6^0 + 10^1 = 27 + 32 + 53 + 60 + 101$
$:= 1^7 + 4^4 + 5^1 + 6^0 + 10^1 = 17 + 44 + 51 + 60 + 101$	$:= 2^7 + 4^0 + 4^2 + 8^2 + 8^2 = 27 + 40 + 42 + 82 + 82$
$:= 1^7 + 4^4 + 6^0 + 6^1 + 9^1 = 17 + 44 + 60 + 61 + 91$	
$:= 1^7 + 4^4 + 6^0 + 7^1 + 8^1 = 17 + 44 + 60 + 71 + 81$	

2.2.175 Number 274

$274 := 1^0 + 4^2 + 6^0 + 16^2 = 10 + 42 + 60 + 162$	$:= 1^8 + 4^2 + 4^4 + 17^0 = 18 + 42 + 44 + 170$
$:= 1^2 + 2^4 + 2^8 + 21^0 = 12 + 24 + 28 + 210$	$:= 1^9 + 4^4 + 5^0 + 16^1 = 19 + 44 + 50 + 161$
$:= 1^4 + 2^8 + 4^2 + 19^0 = 14 + 28 + 42 + 190$	$:= 2^0 + 4^2 + 5^0 + 16^2 = 20 + 42 + 50 + 162$
$:= 1^5 + 2^7 + 11^0 + 12^2 = 15 + 27 + 110 + 122$	$:= 2^5 + 2^6 + 9^1 + 13^2 = 25 + 26 + 91 + 132$
$:= 1^5 + 2^8 + 7^0 + 16^1 = 15 + 28 + 70 + 161$	$:= 2^7 + 3^4 + 4^3 + 17^0 = 27 + 34 + 43 + 170$
$:= 1^6 + 2^4 + 4^4 + 19^0 = 16 + 24 + 44 + 190$	$:= 3^0 + 4^0 + 4^2 + 16^2 = 30 + 40 + 42 + 162$
$:= 1^7 + 2^3 + 11^2 + 12^2 = 17 + 23 + 112 + 122$	$:= 1^0 + 1^5 + 2^8 + 7^0 + 15^1 = 10 + 15 + 28 + 70 + 151$
$:= 1^8 + 2^2 + 10^2 + 13^2 = 18 + 22 + 102 + 132$	$:= 1^0 + 1^7 + 3^3 + 7^2 + 14^2 = 10 + 17 + 33 + 72 + 142$
$:= 1^8 + 2^4 + 7^0 + 16^2 = 18 + 24 + 70 + 162$	$:= 1^0 + 1^7 + 4^3 + 8^2 + 12^2 = 10 + 17 + 43 + 82 + 122$

$$\begin{aligned} &:= 1^0 + 1^9 + 4^4 + 5^0 + 15^1 = 10 + 19 + 44 + 50 + 151 \\ &:= 1^0 + 2^3 + 2^3 + 2^8 + 19^0 = 10 + 23 + 23 + 28 + 190 \\ &:= 1^0 + 2^5 + 2^6 + 8^1 + 13^2 = 10 + 25 + 26 + 81 + 132 \\ &:= 1^0 + 2^6 + 2^6 + 9^0 + 12^2 = 10 + 26 + 26 + 90 + 122 \\ &:= 1^1 + 1^4 + 2^8 + 7^0 + 15^1 = 11 + 14 + 28 + 70 + 151 \\ &:= 1^1 + 1^6 + 3^3 + 7^2 + 14^2 = 11 + 16 + 33 + 72 + 142 \\ &:= 1^1 + 1^6 + 4^3 + 8^2 + 12^2 = 11 + 16 + 43 + 82 + 122 \\ &:= 1^1 + 1^8 + 4^4 + 5^0 + 15^1 = 11 + 18 + 44 + 50 + 151 \\ &:= 1^1 + 2^2 + 2^7 + 5^3 + 16^1 = 11 + 22 + 27 + 53 + 161 \\ &:= 1^1 + 2^4 + 2^5 + 9^2 + 12^2 = 11 + 24 + 25 + 92 + 122 \\ &:= 1^2 + 1^3 + 2^8 + 7^0 + 15^1 = 12 + 13 + 28 + 70 + 151 \\ &:= 1^2 + 1^5 + 3^3 + 7^2 + 14^2 = 12 + 15 + 33 + 72 + 142 \\ &:= 1^2 + 1^5 + 4^3 + 8^2 + 12^2 = 12 + 15 + 43 + 82 + 122 \\ &:= 1^2 + 1^7 + 4^4 + 5^0 + 15^1 = 12 + 17 + 44 + 50 + 151 \\ &:= 1^2 + 2^3 + 2^5 + 8^2 + 13^2 = 12 + 23 + 25 + 82 + 132 \\ &:= 1^2 + 2^3 + 2^8 + 8^1 + 13^0 = 12 + 23 + 28 + 81 + 130 \\ &:= 1^2 + 2^6 + 3^2 + 10^2 + 10^2 = 12 + 26 + 32 + 102 + 102 \\ &:= 1^2 + 2^6 + 4^2 + 7^2 + 12^2 = 12 + 26 + 42 + 72 + 122 \\ &:= 1^2 + 2^7 + 4^2 + 8^1 + 11^2 = 12 + 27 + 42 + 81 + 112 \\ &:= 1^3 + 1^4 + 3^3 + 7^2 + 14^2 = 13 + 14 + 33 + 72 + 142 \\ &:= 1^3 + 1^4 + 4^3 + 8^2 + 12^2 = 13 + 14 + 43 + 82 + 122 \\ &:= 1^3 + 1^6 + 4^4 + 5^0 + 15^1 = 13 + 16 + 44 + 50 + 151 \\ &:= 1^3 + 2^2 + 2^3 + 3^5 + 18^1 = 13 + 22 + 23 + 35 + 181 \\ &:= 1^3 + 2^2 + 2^8 + 9^0 + 12^1 = 13 + 22 + 28 + 90 + 121 \\ &:= 1^3 + 2^4 + 3^3 + 6^3 + 14^1 = 13 + 24 + 33 + 63 + 141 \\ &:= 1^3 + 2^4 + 3^4 + 7^1 + 13^2 = 13 + 24 + 34 + 71 + 132 \\ &:= 1^3 + 2^4 + 4^3 + 7^2 + 12^2 = 13 + 24 + 43 + 72 + 122 \\ &:= 1^3 + 2^5 + 3^2 + 6^2 + 14^2 = 13 + 25 + 32 + 62 + 142 \\ &:= 1^3 + 2^6 + 4^1 + 6^2 + 13^2 = 13 + 26 + 41 + 62 + 132 \\ &:= 1^3 + 2^6 + 4^3 + 7^0 + 12^2 = 13 + 26 + 43 + 70 + 122 \\ &:= 1^3 + 2^8 + 3^2 + 7^1 + 13^0 = 13 + 28 + 32 + 71 + 130 \\ &:= 1^4 + 1^5 + 4^4 + 5^0 + 15^1 = 14 + 15 + 44 + 50 + 151 \\ &:= 1^4 + 2^1 + 2^8 + 7^0 + 14^1 = 14 + 21 + 28 + 70 + 141 \\ &:= 1^4 + 2^2 + 3^2 + 3^5 + 17^1 = 14 + 22 + 32 + 35 + 171 \\ &:= 1^4 + 2^3 + 2^3 + 4^4 + 17^0 = 14 + 23 + 23 + 44 + 170 \\ &:= 1^4 + 2^4 + 3^3 + 5^1 + 15^2 = 14 + 24 + 33 + 51 + 152 \\ &:= 1^4 + 2^4 + 3^5 + 7^0 + 13^1 = 14 + 24 + 35 + 70 + 131 \\ &:= 1^4 + 2^4 + 4^2 + 4^2 + 15^2 = 14 + 24 + 42 + 42 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^6 + 3^0 + 8^2 + 12^2 = 14 + 26 + 30 + 82 + 122 \\ &:= 1^4 + 2^8 + 3^1 + 7^0 + 13^1 = 14 + 28 + 31 + 70 + 131 \\ &:= 1^4 + 2^8 + 4^1 + 7^0 + 12^1 = 14 + 28 + 41 + 70 + 121 \\ &:= 1^4 + 2^8 + 5^1 + 7^0 + 11^1 = 14 + 28 + 51 + 70 + 111 \\ &:= 1^4 + 2^8 + 6^1 + 7^0 + 10^1 = 14 + 28 + 61 + 70 + 101 \\ &:= 1^4 + 2^8 + 7^0 + 7^1 + 9^1 = 14 + 28 + 70 + 71 + 91 \\ &:= 1^4 + 2^8 + 7^0 + 8^1 + 8^1 = 14 + 28 + 70 + 81 + 81 \\ &:= 1^4 + 3^4 + 4^3 + 7^1 + 11^2 = 14 + 34 + 43 + 71 + 112 \\ &:= 1^4 + 4^3 + 4^3 + 8^2 + 9^2 = 14 + 43 + 43 + 82 + 92 \\ &:= 1^5 + 2^0 + 2^8 + 6^0 + 15^1 = 15 + 20 + 28 + 60 + 151 \\ &:= 1^5 + 2^1 + 3^3 + 3^5 + 17^0 = 15 + 21 + 33 + 35 + 170 \\ &:= 1^5 + 2^2 + 2^3 + 6^2 + 15^2 = 15 + 22 + 23 + 62 + 152 \\ &:= 1^5 + 2^2 + 3^5 + 5^2 + 15^0 = 15 + 22 + 35 + 52 + 150 \\ &:= 1^5 + 2^2 + 4^3 + 6^2 + 13^2 = 15 + 22 + 43 + 62 + 132 \\ &:= 1^5 + 2^3 + 4^3 + 5^1 + 14^2 = 15 + 23 + 43 + 51 + 142 \\ &:= 1^5 + 2^8 + 3^0 + 5^0 + 15^1 = 15 + 28 + 30 + 50 + 151 \\ &:= 1^5 + 2^8 + 4^0 + 4^0 + 15^1 = 15 + 28 + 40 + 40 + 151 \\ &:= 1^6 + 1^9 + 2^8 + 6^0 + 15^1 = 16 + 19 + 28 + 60 + 151 \\ &:= 1^6 + 2^2 + 2^3 + 5^1 + 16^2 = 16 + 22 + 23 + 51 + 162 \\ &:= 1^6 + 2^3 + 2^3 + 5^0 + 16^2 = 16 + 23 + 23 + 50 + 162 \\ &:= 1^6 + 2^3 + 4^4 + 8^1 + 11^0 = 16 + 23 + 44 + 81 + 110 \\ &:= 1^6 + 2^4 + 2^7 + 2^7 + 18^0 = 16 + 24 + 27 + 27 + 180 \\ &:= 1^6 + 3^1 + 5^3 + 8^2 + 9^2 = 16 + 31 + 53 + 82 + 92 \\ &:= 1^6 + 3^2 + 4^1 + 4^3 + 14^2 = 16 + 32 + 41 + 43 + 142 \\ &:= 1^6 + 3^5 + 4^1 + 5^2 + 13^0 = 16 + 35 + 41 + 52 + 130 \\ &:= 1^6 + 3^5 + 4^2 + 5^0 + 13^1 = 16 + 35 + 42 + 50 + 131 \\ &:= 1^6 + 4^3 + 4^3 + 5^0 + 12^2 = 16 + 43 + 43 + 50 + 122 \\ &:= 1^7 + 1^8 + 2^8 + 6^0 + 15^1 = 17 + 18 + 28 + 60 + 151 \\ &:= 1^7 + 2^2 + 3^2 + 4^1 + 16^2 = 17 + 22 + 32 + 41 + 162 \\ &:= 1^7 + 2^2 + 4^4 + 7^0 + 12^1 = 17 + 22 + 44 + 70 + 121 \\ &:= 1^7 + 3^2 + 4^4 + 7^1 + 11^0 = 17 + 32 + 44 + 71 + 110 \\ &:= 1^8 + 2^1 + 4^4 + 5^0 + 14^1 = 18 + 21 + 44 + 50 + 141 \\ &:= 1^8 + 2^7 + 2^7 + 4^2 + 16^0 = 18 + 27 + 27 + 42 + 160 \\ &:= 1^8 + 3^1 + 4^4 + 5^0 + 13^1 = 18 + 31 + 44 + 50 + 131 \\ &:= 1^8 + 3^1 + 5^0 + 5^3 + 12^2 = 18 + 31 + 50 + 53 + 122 \\ &:= 1^8 + 4^1 + 4^4 + 5^0 + 12^1 = 18 + 41 + 44 + 50 + 121 \\ &:= 1^8 + 4^4 + 5^0 + 5^1 + 11^1 = 18 + 44 + 50 + 51 + 111 \\ &:= 1^8 + 4^4 + 5^0 + 6^1 + 10^1 = 18 + 44 + 50 + 61 + 101 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 4^4 + 5^0 + 7^1 + 9^1 = 18 + 44 + 50 + 71 + 91 & & := 2^3 + 2^3 + 2^8 + 7^0 + 13^0 = 23 + 23 + 28 + 70 + 130 \\
 &:= 1^8 + 4^4 + 5^0 + 8^1 + 8^1 = 18 + 44 + 50 + 81 + 81 & & := 2^3 + 2^3 + 2^8 + 8^0 + 12^0 = 23 + 23 + 28 + 80 + 120 \\
 &:= 1^8 + 5^0 + 6^3 + 7^1 + 7^2 = 18 + 50 + 63 + 71 + 72 & & := 2^3 + 2^3 + 2^8 + 9^0 + 11^0 = 23 + 23 + 28 + 90 + 110 \\
 &:= 1^9 + 2^0 + 4^0 + 4^4 + 15^1 = 19 + 20 + 40 + 44 + 151 & & := 2^3 + 2^7 + 4^2 + 7^0 + 11^2 = 23 + 27 + 42 + 70 + 112 \\
 &:= 1^9 + 2^7 + 2^7 + 4^0 + 16^1 = 19 + 27 + 27 + 40 + 161 & & := 2^3 + 2^7 + 5^0 + 5^3 + 12^1 = 23 + 27 + 50 + 53 + 121 \\
 &:= 1^9 + 3^0 + 3^0 + 4^4 + 15^1 = 19 + 30 + 30 + 44 + 151 & & := 2^4 + 2^4 + 2^4 + 5^0 + 15^2 = 24 + 24 + 24 + 50 + 152 \\
 &:= 2^0 + 2^3 + 2^3 + 2^8 + 18^0 = 20 + 23 + 23 + 28 + 180 & & := 2^4 + 2^5 + 3^2 + 6^3 + 13^0 = 24 + 25 + 32 + 63 + 130 \\
 &:= 2^0 + 2^6 + 2^6 + 8^0 + 12^2 = 20 + 26 + 26 + 80 + 122 & & := 2^4 + 2^5 + 5^3 + 7^0 + 10^2 = 24 + 25 + 53 + 70 + 102 \\
 &:= 2^1 + 2^2 + 2^7 + 5^3 + 15^1 = 21 + 22 + 27 + 53 + 151 & & := 2^4 + 2^6 + 3^0 + 7^2 + 12^2 = 24 + 26 + 30 + 72 + 122 \\
 &:= 2^1 + 2^3 + 2^6 + 10^2 + 10^2 = 21 + 23 + 26 + 102 + 102 & & := 2^4 + 2^7 + 3^0 + 8^1 + 11^2 = 24 + 27 + 30 + 81 + 112 \\
 &:= 2^1 + 2^6 + 3^3 + 9^2 + 10^2 = 21 + 26 + 33 + 92 + 102 & & := 2^4 + 3^3 + 3^4 + 6^1 + 12^2 = 24 + 33 + 34 + 61 + 122 \\
 &:= 2^2 + 2^2 + 2^6 + 9^2 + 11^2 = 22 + 22 + 26 + 92 + 112 & & := 2^4 + 4^3 + 4^3 + 7^2 + 9^2 = 24 + 43 + 43 + 72 + 92 \\
 &:= 2^2 + 2^2 + 2^8 + 3^2 + 17^0 = 22 + 22 + 28 + 32 + 170 & & := 2^5 + 3^2 + 4^3 + 5^2 + 12^2 = 25 + 32 + 43 + 52 + 122 \\
 &:= 2^2 + 2^3 + 2^5 + 6^3 + 14^1 = 22 + 23 + 25 + 63 + 141 & & := 2^5 + 3^4 + 4^1 + 6^2 + 11^2 = 25 + 34 + 41 + 62 + 112 \\
 &:= 2^2 + 2^3 + 2^8 + 5^1 + 15^0 = 22 + 23 + 28 + 51 + 150 & & := 2^6 + 2^6 + 3^0 + 7^0 + 12^2 = 26 + 26 + 30 + 70 + 122 \\
 &:= 2^2 + 2^7 + 3^1 + 5^3 + 14^1 = 22 + 27 + 31 + 53 + 141 & & := 2^6 + 2^6 + 4^0 + 6^0 + 12^2 = 26 + 26 + 40 + 60 + 122 \\
 &:= 2^2 + 2^7 + 4^1 + 5^3 + 13^1 = 22 + 27 + 41 + 53 + 131 & & := 2^6 + 2^6 + 5^0 + 5^0 + 12^2 = 26 + 26 + 50 + 50 + 122 \\
 &:= 2^2 + 2^7 + 4^2 + 5^3 + 13^0 = 22 + 27 + 42 + 53 + 130 & & := 2^6 + 3^1 + 3^3 + 6^2 + 12^2 = 26 + 31 + 33 + 62 + 122 \\
 &:= 2^2 + 2^7 + 5^1 + 5^3 + 12^1 = 22 + 27 + 51 + 53 + 121 & & := 2^6 + 3^1 + 3^4 + 5^3 + 13^0 = 26 + 31 + 34 + 53 + 130 \\
 &:= 2^2 + 2^7 + 5^3 + 6^1 + 11^1 = 22 + 27 + 53 + 61 + 111 & & := 2^6 + 3^2 + 3^3 + 5^1 + 13^2 = 26 + 32 + 33 + 51 + 132 \\
 &:= 2^2 + 2^7 + 5^3 + 7^1 + 10^1 = 22 + 27 + 53 + 71 + 101 & & := 2^6 + 3^2 + 4^2 + 4^2 + 13^2 = 26 + 32 + 42 + 42 + 132 \\
 &:= 2^2 + 2^7 + 5^3 + 8^1 + 9^1 = 22 + 27 + 53 + 81 + 91 & & := 2^6 + 3^4 + 5^0 + 8^2 + 8^2 = 26 + 34 + 50 + 82 + 82 \\
 &:= 2^2 + 2^7 + 6^1 + 6^2 + 10^2 = 22 + 27 + 61 + 62 + 102 & & := 2^6 + 4^3 + 4^3 + 7^0 + 9^2 = 26 + 43 + 43 + 70 + 92 \\
 &:= 2^3 + 2^3 + 2^8 + 10^0 + 10^0 = 23 + 23 + 28 + 100 + 100 & & := 2^7 + 3^2 + 3^2 + 7^1 + 11^2 = 27 + 32 + 32 + 71 + 112 \\
 &:= 2^3 + 2^3 + 2^8 + 3^0 + 17^0 = 23 + 23 + 28 + 30 + 170 & & := 2^7 + 4^1 + 5^2 + 6^2 + 9^2 = 27 + 41 + 52 + 62 + 92 \\
 &:= 2^3 + 2^3 + 2^8 + 4^0 + 16^0 = 23 + 23 + 28 + 40 + 160 & & := 2^7 + 4^2 + 5^1 + 5^2 + 10^2 = 27 + 42 + 51 + 52 + 102 \\
 &:= 2^3 + 2^3 + 2^8 + 5^0 + 15^0 = 23 + 23 + 28 + 50 + 150 & & \\
 &:= 2^3 + 2^3 + 2^8 + 6^0 + 14^0 = 23 + 23 + 28 + 60 + 140 & &
 \end{aligned}$$

2.2.176 Number 275

$$\begin{aligned}
 275 &:= 4^4 + 5^0 + 18^1 = 44 + 50 + 181 & & := 1^0 + 1^1 + 4^2 + 5^0 + 16^2 = 10 + 11 + 42 + 50 + 162 \\
 &:= 1^0 + 4^4 + 5^0 + 17^1 = 10 + 44 + 50 + 171 & & := 1^0 + 1^3 + 2^4 + 2^8 + 20^0 = 10 + 13 + 24 + 28 + 200 \\
 &:= 1^6 + 2^8 + 6^0 + 17^1 = 16 + 28 + 60 + 171 & & := 1^0 + 1^5 + 2^8 + 4^2 + 18^0 = 10 + 15 + 28 + 42 + 180 \\
 &:= 2^0 + 4^0 + 4^4 + 17^1 = 20 + 40 + 44 + 171 & & := 1^0 + 1^6 + 2^7 + 10^0 + 12^2 = 10 + 16 + 27 + 100 + 122 \\
 &:= 2^1 + 4^2 + 5^0 + 16^2 = 21 + 42 + 50 + 162 & & := 1^0 + 1^6 + 2^8 + 6^0 + 16^1 = 10 + 16 + 28 + 60 + 161 \\
 &:= 2^7 + 2^7 + 4^0 + 18^1 = 27 + 27 + 40 + 181 & & := 1^0 + 1^7 + 2^4 + 4^4 + 18^0 = 10 + 17 + 24 + 44 + 180 \\
 &:= 3^0 + 3^0 + 4^4 + 17^1 = 30 + 30 + 44 + 171 & & := 1^0 + 1^9 + 2^4 + 6^0 + 16^2 = 10 + 19 + 24 + 60 + 162 \\
 &:= 1^0 + 1^0 + 4^4 + 5^0 + 16^1 = 10 + 10 + 44 + 50 + 161 & & := 1^0 + 1^9 + 4^2 + 4^4 + 16^0 = 10 + 19 + 42 + 44 + 160
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 2^0 + 4^0 + 4^4 + 16^1 = 10 + 20 + 40 + 44 + 161 \\ &:= 1^0 + 2^6 + 2^7 + 9^2 + 12^0 = 10 + 26 + 27 + 92 + 120 \\ &:= 1^0 + 2^7 + 2^7 + 4^0 + 17^1 = 10 + 27 + 27 + 40 + 171 \\ &:= 1^0 + 3^0 + 3^0 + 4^4 + 16^1 = 10 + 30 + 30 + 44 + 161 \\ &:= 1^1 + 1^2 + 2^4 + 2^8 + 20^0 = 11 + 12 + 24 + 28 + 200 \\ &:= 1^1 + 1^4 + 2^8 + 4^2 + 18^0 = 11 + 14 + 28 + 42 + 180 \\ &:= 1^1 + 1^5 + 2^7 + 10^0 + 12^2 = 11 + 15 + 27 + 100 + 122 \\ &:= 1^1 + 1^5 + 2^8 + 6^0 + 16^1 = 11 + 15 + 28 + 60 + 161 \\ &:= 1^1 + 1^6 + 2^4 + 4^4 + 18^0 = 11 + 16 + 24 + 44 + 180 \\ &:= 1^1 + 1^8 + 2^4 + 6^0 + 16^2 = 11 + 18 + 24 + 60 + 162 \\ &:= 1^1 + 1^8 + 4^2 + 4^4 + 16^0 = 11 + 18 + 42 + 44 + 160 \\ &:= 1^1 + 1^9 + 4^0 + 4^4 + 16^1 = 11 + 19 + 40 + 44 + 161 \\ &:= 1^1 + 2^0 + 4^0 + 4^2 + 16^2 = 11 + 20 + 40 + 42 + 162 \\ &:= 1^1 + 2^7 + 3^4 + 4^3 + 16^0 = 11 + 27 + 34 + 43 + 160 \\ &:= 1^1 + 3^0 + 3^0 + 4^2 + 16^2 = 11 + 30 + 30 + 42 + 162 \\ &:= 1^2 + 1^3 + 2^8 + 4^2 + 18^0 = 12 + 13 + 28 + 42 + 180 \\ &:= 1^2 + 1^4 + 2^7 + 10^0 + 12^2 = 12 + 14 + 27 + 100 + 122 \\ &:= 1^2 + 1^4 + 2^8 + 6^0 + 16^1 = 12 + 14 + 28 + 60 + 161 \\ &:= 1^2 + 1^5 + 2^4 + 4^4 + 18^0 = 12 + 15 + 24 + 44 + 180 \\ &:= 1^2 + 1^7 + 2^4 + 6^0 + 16^2 = 12 + 17 + 24 + 60 + 162 \\ &:= 1^2 + 1^7 + 4^2 + 4^4 + 16^0 = 12 + 17 + 42 + 44 + 160 \\ &:= 1^2 + 1^8 + 4^0 + 4^4 + 16^1 = 12 + 18 + 40 + 44 + 161 \\ &:= 1^2 + 1^9 + 4^0 + 4^2 + 16^2 = 12 + 19 + 40 + 42 + 162 \\ &:= 1^2 + 2^3 + 2^8 + 3^2 + 18^0 = 12 + 23 + 28 + 32 + 180 \\ &:= 1^2 + 2^7 + 3^4 + 8^2 + 12^0 = 12 + 27 + 34 + 82 + 120 \\ &:= 1^3 + 1^3 + 2^7 + 10^0 + 12^2 = 13 + 13 + 27 + 100 + 122 \\ &:= 1^3 + 1^3 + 2^8 + 6^0 + 16^1 = 13 + 13 + 28 + 60 + 161 \\ &:= 1^3 + 1^4 + 2^4 + 4^4 + 18^0 = 13 + 14 + 24 + 44 + 180 \\ &:= 1^3 + 1^6 + 2^4 + 6^0 + 16^2 = 13 + 16 + 24 + 60 + 162 \\ &:= 1^3 + 1^6 + 4^2 + 4^4 + 16^0 = 13 + 16 + 42 + 44 + 160 \\ &:= 1^3 + 1^7 + 4^0 + 4^4 + 16^1 = 13 + 17 + 40 + 44 + 161 \\ &:= 1^3 + 1^8 + 4^0 + 4^2 + 16^2 = 13 + 18 + 40 + 42 + 162 \\ &:= 1^3 + 2^0 + 2^4 + 2^8 + 19^0 = 13 + 20 + 24 + 28 + 190 \\ &:= 1^3 + 2^3 + 2^8 + 9^1 + 12^0 = 13 + 23 + 28 + 91 + 120 \\ &:= 1^3 + 2^4 + 2^8 + 10^0 + 11^0 = 13 + 24 + 28 + 100 + 110 \\ &:= 1^3 + 2^4 + 2^8 + 3^0 + 18^0 = 13 + 24 + 28 + 30 + 180 \\ &:= 1^3 + 2^4 + 2^8 + 4^0 + 17^0 = 13 + 24 + 28 + 40 + 170 \\ &:= 1^3 + 2^4 + 2^8 + 5^0 + 16^0 = 13 + 24 + 28 + 50 + 160 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^4 + 2^8 + 6^0 + 15^0 = 13 + 24 + 28 + 60 + 150 \\ &:= 1^3 + 2^4 + 2^8 + 7^0 + 14^0 = 13 + 24 + 28 + 70 + 140 \\ &:= 1^3 + 2^4 + 2^8 + 8^0 + 13^0 = 13 + 24 + 28 + 80 + 130 \\ &:= 1^3 + 2^4 + 2^8 + 9^0 + 12^0 = 13 + 24 + 28 + 90 + 120 \\ &:= 1^3 + 2^7 + 4^3 + 9^2 + 10^0 = 13 + 27 + 43 + 92 + 100 \\ &:= 1^4 + 1^5 + 2^4 + 6^0 + 16^2 = 14 + 15 + 24 + 60 + 162 \\ &:= 1^4 + 1^5 + 4^2 + 4^4 + 16^0 = 14 + 15 + 42 + 44 + 160 \\ &:= 1^4 + 1^6 + 4^0 + 4^4 + 16^1 = 14 + 16 + 40 + 44 + 161 \\ &:= 1^4 + 1^7 + 4^0 + 4^2 + 16^2 = 14 + 17 + 40 + 42 + 162 \\ &:= 1^4 + 1^9 + 2^4 + 2^8 + 19^0 = 14 + 19 + 24 + 28 + 190 \\ &:= 1^4 + 2^2 + 2^8 + 8^0 + 13^1 = 14 + 22 + 28 + 80 + 131 \\ &:= 1^4 + 2^4 + 2^5 + 6^0 + 15^2 = 14 + 24 + 25 + 60 + 152 \\ &:= 1^4 + 2^7 + 6^0 + 8^2 + 9^2 = 14 + 27 + 60 + 82 + 92 \\ &:= 1^4 + 2^8 + 3^2 + 8^1 + 12^0 = 14 + 28 + 32 + 81 + 120 \\ &:= 1^5 + 1^5 + 4^0 + 4^4 + 16^1 = 15 + 15 + 40 + 44 + 161 \\ &:= 1^5 + 1^6 + 4^0 + 4^2 + 16^2 = 15 + 16 + 40 + 42 + 162 \\ &:= 1^5 + 1^8 + 2^4 + 2^8 + 19^0 = 15 + 18 + 24 + 28 + 190 \\ &:= 1^5 + 2^0 + 2^8 + 4^2 + 17^0 = 15 + 20 + 28 + 42 + 170 \\ &:= 1^5 + 2^1 + 2^8 + 6^0 + 15^1 = 15 + 21 + 28 + 60 + 151 \\ &:= 1^5 + 2^4 + 3^5 + 6^0 + 14^1 = 15 + 24 + 35 + 60 + 141 \\ &:= 1^5 + 2^5 + 5^2 + 6^3 + 12^0 = 15 + 25 + 52 + 63 + 120 \\ &:= 1^5 + 2^6 + 2^6 + 2^7 + 18^1 = 15 + 26 + 26 + 27 + 181 \\ &:= 1^5 + 2^8 + 3^0 + 4^2 + 16^0 = 15 + 28 + 30 + 42 + 160 \\ &:= 1^5 + 2^8 + 3^1 + 6^0 + 14^1 = 15 + 28 + 31 + 60 + 141 \\ &:= 1^5 + 2^8 + 4^0 + 4^2 + 15^0 = 15 + 28 + 40 + 42 + 150 \\ &:= 1^5 + 2^8 + 4^1 + 6^0 + 13^1 = 15 + 28 + 41 + 60 + 131 \\ &:= 1^5 + 2^8 + 4^2 + 5^0 + 14^0 = 15 + 28 + 42 + 50 + 140 \\ &:= 1^5 + 2^8 + 4^2 + 6^0 + 13^0 = 15 + 28 + 42 + 60 + 130 \\ &:= 1^5 + 2^8 + 4^2 + 7^0 + 12^0 = 15 + 28 + 42 + 70 + 120 \\ &:= 1^5 + 2^8 + 4^2 + 8^0 + 11^0 = 15 + 28 + 42 + 80 + 110 \\ &:= 1^5 + 2^8 + 4^2 + 9^0 + 10^0 = 15 + 28 + 42 + 90 + 100 \\ &:= 1^5 + 2^8 + 5^1 + 6^0 + 12^1 = 15 + 28 + 51 + 60 + 121 \\ &:= 1^5 + 2^8 + 6^0 + 6^1 + 11^1 = 15 + 28 + 60 + 61 + 111 \\ &:= 1^5 + 2^8 + 6^0 + 7^1 + 10^1 = 15 + 28 + 60 + 71 + 101 \\ &:= 1^5 + 2^8 + 6^0 + 8^1 + 9^1 = 15 + 28 + 60 + 81 + 91 \\ &:= 1^6 + 1^7 + 2^4 + 2^8 + 19^0 = 16 + 17 + 24 + 28 + 190 \\ &:= 1^6 + 1^9 + 2^8 + 4^2 + 17^0 = 16 + 19 + 28 + 42 + 170 \\ &:= 1^6 + 2^0 + 2^7 + 9^0 + 12^2 = 16 + 20 + 27 + 90 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^6 + 2^0 + 2^8 + 5^0 + 16^1 = 16 + 20 + 28 + 50 + 161 \\ &:= 1^6 + 2^3 + 3^2 + 4^4 + 16^0 = 16 + 23 + 32 + 44 + 160 \\ &:= 1^6 + 2^5 + 4^0 + 4^2 + 15^2 = 16 + 25 + 40 + 42 + 152 \\ &:= 1^6 + 2^7 + 3^0 + 8^0 + 12^2 = 16 + 27 + 30 + 80 + 122 \\ &:= 1^6 + 2^7 + 4^0 + 7^0 + 12^2 = 16 + 27 + 40 + 70 + 122 \\ &:= 1^6 + 2^7 + 5^0 + 6^0 + 12^2 = 16 + 27 + 50 + 60 + 122 \\ &:= 1^6 + 2^8 + 3^0 + 4^0 + 16^1 = 16 + 28 + 30 + 40 + 161 \\ &:= 1^6 + 3^1 + 3^3 + 3^5 + 16^0 = 16 + 31 + 33 + 35 + 160 \\ &:= 1^7 + 1^8 + 2^8 + 4^2 + 17^0 = 17 + 18 + 28 + 42 + 170 \\ &:= 1^7 + 1^9 + 2^7 + 9^0 + 12^2 = 17 + 19 + 27 + 90 + 122 \\ &:= 1^7 + 1^9 + 2^8 + 5^0 + 16^1 = 17 + 19 + 28 + 50 + 161 \\ &:= 1^7 + 2^0 + 2^4 + 4^4 + 17^0 = 17 + 20 + 24 + 44 + 170 \\ &:= 1^7 + 2^3 + 4^4 + 9^1 + 10^0 = 17 + 23 + 44 + 91 + 100 \\ &:= 1^7 + 2^3 + 6^3 + 7^2 + 10^0 = 17 + 23 + 63 + 72 + 100 \\ &:= 1^7 + 2^4 + 3^0 + 4^4 + 16^0 = 17 + 24 + 30 + 44 + 160 \\ &:= 1^7 + 2^4 + 4^0 + 4^4 + 15^0 = 17 + 24 + 40 + 44 + 150 \\ &:= 1^7 + 2^4 + 4^4 + 5^0 + 14^0 = 17 + 24 + 44 + 50 + 140 \\ &:= 1^7 + 2^4 + 4^4 + 6^0 + 13^0 = 17 + 24 + 44 + 60 + 130 \\ &:= 1^7 + 2^4 + 4^4 + 7^0 + 12^0 = 17 + 24 + 44 + 70 + 120 \\ &:= 1^7 + 2^4 + 4^4 + 8^0 + 11^0 = 17 + 24 + 44 + 80 + 110 \\ &:= 1^7 + 2^4 + 4^4 + 9^0 + 10^0 = 17 + 24 + 44 + 90 + 100 \\ &:= 1^7 + 3^3 + 5^3 + 6^0 + 11^2 = 17 + 33 + 53 + 60 + 112 \\ &:= 1^7 + 3^5 + 4^0 + 4^2 + 14^1 = 17 + 35 + 40 + 42 + 141 \\ &:= 1^7 + 3^5 + 5^1 + 5^2 + 12^0 = 17 + 35 + 51 + 52 + 120 \\ &:= 1^8 + 1^8 + 2^7 + 9^0 + 12^2 = 18 + 18 + 27 + 90 + 122 \\ &:= 1^8 + 1^8 + 2^8 + 5^0 + 16^1 = 18 + 18 + 28 + 50 + 161 \\ &:= 1^8 + 1^9 + 2^4 + 4^4 + 17^0 = 18 + 19 + 24 + 44 + 170 \\ &:= 1^8 + 2^2 + 4^4 + 6^0 + 13^1 = 18 + 22 + 44 + 60 + 131 \\ &:= 1^8 + 2^2 + 5^3 + 6^0 + 12^2 = 18 + 22 + 53 + 60 + 122 \\ &:= 1^8 + 2^3 + 3^2 + 4^0 + 16^2 = 18 + 23 + 32 + 40 + 162 \\ &:= 1^8 + 2^6 + 2^7 + 3^4 + 17^0 = 18 + 26 + 27 + 34 + 170 \\ &:= 1^8 + 3^2 + 4^4 + 8^1 + 10^0 = 18 + 32 + 44 + 81 + 100 \\ &:= 1^9 + 2^0 + 2^4 + 5^0 + 16^2 = 19 + 20 + 24 + 50 + 162 \\ &:= 1^9 + 2^0 + 4^2 + 4^4 + 15^0 = 19 + 20 + 42 + 44 + 150 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^1 + 4^0 + 4^4 + 15^1 = 19 + 21 + 40 + 44 + 151 \\ &:= 1^9 + 2^4 + 3^0 + 4^0 + 16^2 = 19 + 24 + 30 + 40 + 162 \\ &:= 1^9 + 3^0 + 4^2 + 4^4 + 14^0 = 19 + 30 + 42 + 44 + 140 \\ &:= 1^9 + 3^1 + 4^0 + 4^4 + 14^1 = 19 + 31 + 40 + 44 + 141 \\ &:= 1^9 + 4^0 + 4^1 + 4^4 + 13^1 = 19 + 40 + 41 + 44 + 131 \\ &:= 1^9 + 4^0 + 4^1 + 5^3 + 12^2 = 19 + 40 + 41 + 53 + 122 \\ &:= 1^9 + 4^0 + 4^2 + 4^4 + 13^0 = 19 + 40 + 42 + 44 + 130 \\ &:= 1^9 + 4^0 + 4^4 + 5^1 + 12^1 = 19 + 40 + 44 + 51 + 121 \\ &:= 1^9 + 4^0 + 4^4 + 6^1 + 11^1 = 19 + 40 + 44 + 61 + 111 \\ &:= 1^9 + 4^0 + 4^4 + 7^1 + 10^1 = 19 + 40 + 44 + 71 + 101 \\ &:= 1^9 + 4^0 + 4^4 + 8^1 + 9^1 = 19 + 40 + 44 + 81 + 91 \\ &:= 1^9 + 4^0 + 6^3 + 7^2 + 8^1 = 19 + 40 + 63 + 72 + 81 \\ &:= 1^9 + 4^2 + 4^4 + 5^0 + 12^0 = 19 + 42 + 44 + 50 + 120 \\ &:= 1^9 + 4^2 + 4^4 + 6^0 + 11^0 = 19 + 42 + 44 + 60 + 110 \\ &:= 1^9 + 4^2 + 4^4 + 7^0 + 10^0 = 19 + 42 + 44 + 70 + 100 \\ &:= 1^9 + 4^2 + 4^4 + 8^0 + 9^0 = 19 + 42 + 44 + 80 + 90 \\ &:= 2^0 + 2^0 + 3^0 + 4^4 + 16^1 = 20 + 20 + 30 + 44 + 161 \\ &:= 2^0 + 2^6 + 2^7 + 9^2 + 11^0 = 20 + 26 + 27 + 92 + 110 \\ &:= 2^0 + 2^7 + 2^7 + 3^0 + 17^1 = 20 + 27 + 27 + 30 + 171 \\ &:= 2^1 + 2^3 + 2^3 + 2^8 + 18^0 = 21 + 23 + 23 + 28 + 180 \\ &:= 2^1 + 2^6 + 2^6 + 8^0 + 12^2 = 21 + 26 + 26 + 80 + 122 \\ &:= 2^2 + 2^6 + 3^4 + 5^3 + 14^0 = 22 + 26 + 34 + 53 + 140 \\ &:= 2^3 + 2^6 + 3^4 + 8^0 + 11^2 = 23 + 26 + 34 + 80 + 112 \\ &:= 2^4 + 2^7 + 3^2 + 8^0 + 11^2 = 24 + 27 + 32 + 80 + 112 \\ &:= 2^4 + 2^7 + 5^1 + 5^3 + 12^0 = 24 + 27 + 51 + 53 + 120 \\ &:= 2^4 + 2^7 + 6^0 + 7^2 + 9^2 = 24 + 27 + 60 + 72 + 92 \\ &:= 2^5 + 2^6 + 3^2 + 6^0 + 13^2 = 25 + 26 + 32 + 60 + 132 \\ &:= 2^6 + 2^7 + 3^0 + 9^2 + 10^0 = 26 + 27 + 30 + 92 + 100 \\ &:= 2^6 + 2^7 + 4^0 + 9^0 + 9^2 = 26 + 27 + 40 + 90 + 92 \\ &:= 2^6 + 2^7 + 5^0 + 8^0 + 9^2 = 26 + 27 + 50 + 80 + 92 \\ &:= 2^6 + 2^7 + 6^0 + 7^0 + 9^2 = 26 + 27 + 60 + 70 + 92 \\ &:= 2^7 + 3^4 + 4^2 + 7^2 + 10^0 = 27 + 34 + 42 + 72 + 100 \end{aligned}$$

2.2.177 Number 276

$$\begin{aligned}
 276 &:= 1^1 + 4^0 + 4^4 + 18^1 &= 11 + 40 + 44 + 181 &:= 1^3 + 1^4 + 2^8 + 5^0 + 17^1 &= 13 + 14 + 28 + 50 + 171 \\
 &:= 1^2 + 4^0 + 7^2 + 15^2 &= 12 + 40 + 72 + 152 &:= 1^3 + 1^8 + 3^0 + 4^4 + 17^1 &= 13 + 18 + 30 + 44 + 171 \\
 &:= 1^7 + 2^8 + 5^0 + 18^1 &= 17 + 28 + 50 + 181 &:= 1^3 + 2^1 + 2^4 + 2^8 + 19^0 &= 13 + 21 + 24 + 28 + 190 \\
 &:= 2^0 + 5^2 + 5^2 + 15^2 &= 20 + 52 + 52 + 152 &:= 1^3 + 2^6 + 3^4 + 9^1 + 11^2 &= 13 + 26 + 34 + 91 + 112 \\
 &:= 2^1 + 4^0 + 4^4 + 17^1 &= 21 + 40 + 44 + 171 &:= 1^4 + 1^7 + 3^0 + 4^4 + 17^1 &= 14 + 17 + 30 + 44 + 171 \\
 &:= 3^1 + 4^0 + 4^4 + 16^1 &= 31 + 40 + 44 + 161 &:= 1^4 + 2^3 + 2^6 + 7^1 + 14^2 &= 14 + 23 + 26 + 71 + 142 \\
 &:= 4^0 + 4^1 + 4^4 + 15^1 &= 40 + 41 + 44 + 151 &:= 1^4 + 2^3 + 2^8 + 10^1 + 11^0 &= 14 + 23 + 28 + 101 + 110 \\
 &:= 4^0 + 4^4 + 5^1 + 14^1 &= 40 + 44 + 51 + 141 &:= 1^4 + 2^6 + 3^2 + 9^2 + 11^2 &= 14 + 26 + 32 + 92 + 112 \\
 &:= 4^0 + 4^4 + 6^1 + 13^1 &= 40 + 44 + 61 + 131 &:= 1^4 + 2^8 + 3^2 + 3^2 + 17^0 &= 14 + 28 + 32 + 32 + 170 \\
 &:= 4^0 + 4^4 + 7^1 + 12^1 &= 40 + 44 + 71 + 121 &:= 1^5 + 1^6 + 3^0 + 4^4 + 17^1 &= 15 + 16 + 30 + 44 + 171 \\
 &:= 4^0 + 4^4 + 8^1 + 11^1 &= 40 + 44 + 81 + 111 &:= 1^5 + 2^1 + 2^8 + 4^2 + 17^0 &= 15 + 21 + 28 + 42 + 170 \\
 &:= 4^0 + 4^4 + 9^1 + 10^1 &= 40 + 44 + 91 + 101 &:= 1^5 + 2^2 + 2^8 + 7^0 + 14^1 &= 15 + 22 + 28 + 70 + 141 \\
 &:= 4^0 + 5^3 + 6^1 + 12^2 &= 40 + 53 + 61 + 122 &:= 1^5 + 2^4 + 3^3 + 6^2 + 14^2 &= 15 + 24 + 33 + 62 + 142 \\
 &:= 4^0 + 6^3 + 7^2 + 10^1 &= 40 + 63 + 72 + 101 &:= 1^5 + 2^6 + 3^1 + 8^2 + 12^2 &= 15 + 26 + 31 + 82 + 122 \\
 &:= 1^0 + 1^1 + 4^0 + 4^4 + 17^1 &= 10 + 11 + 40 + 44 + 171 &:= 1^5 + 2^6 + 3^2 + 6^1 + 14^2 &= 15 + 26 + 32 + 61 + 142 \\
 &:= 1^0 + 1^7 + 2^5 + 11^2 + 11^2 &= 10 + 17 + 25 + 112 + 112 &:= 1^5 + 2^7 + 5^2 + 7^0 + 11^2 &= 15 + 27 + 52 + 70 + 112 \\
 &:= 1^0 + 1^7 + 2^8 + 5^0 + 17^1 &= 10 + 17 + 28 + 50 + 171 &:= 1^5 + 2^8 + 3^2 + 9^1 + 11^0 &= 15 + 28 + 32 + 91 + 110 \\
 &:= 1^0 + 2^1 + 4^0 + 4^4 + 16^1 &= 10 + 21 + 40 + 44 + 161 &:= 1^6 + 2^1 + 2^7 + 9^0 + 12^2 &= 16 + 21 + 27 + 90 + 122 \\
 &:= 1^0 + 3^1 + 4^0 + 4^4 + 15^1 &= 10 + 31 + 40 + 44 + 151 &:= 1^6 + 2^1 + 2^8 + 5^0 + 16^1 &= 16 + 21 + 28 + 50 + 161 \\
 &:= 1^0 + 3^2 + 3^2 + 4^0 + 16^2 &= 10 + 32 + 32 + 40 + 162 &:= 1^6 + 2^2 + 3^3 + 3^5 + 17^0 &= 16 + 22 + 33 + 35 + 170 \\
 &:= 1^0 + 4^0 + 4^1 + 4^4 + 14^1 &= 10 + 40 + 41 + 44 + 141 &:= 1^6 + 2^4 + 3^2 + 5^2 + 15^2 &= 16 + 24 + 32 + 52 + 152 \\
 &:= 1^0 + 4^0 + 4^4 + 5^1 + 13^1 &= 10 + 40 + 44 + 51 + 131 &:= 1^6 + 2^4 + 3^5 + 5^0 + 15^1 &= 16 + 24 + 35 + 50 + 151 \\
 &:= 1^0 + 4^0 + 4^4 + 6^1 + 12^1 &= 10 + 40 + 44 + 61 + 121 &:= 1^6 + 2^8 + 3^1 + 5^0 + 15^1 &= 16 + 28 + 31 + 50 + 151 \\
 &:= 1^0 + 4^0 + 4^4 + 7^1 + 11^1 &= 10 + 40 + 44 + 71 + 111 &:= 1^6 + 2^8 + 4^1 + 5^0 + 14^1 &= 16 + 28 + 41 + 50 + 141 \\
 &:= 1^0 + 4^0 + 4^4 + 8^1 + 10^1 &= 10 + 40 + 44 + 81 + 101 &:= 1^6 + 2^8 + 5^0 + 5^1 + 13^1 &= 16 + 28 + 50 + 51 + 131 \\
 &:= 1^0 + 4^0 + 4^4 + 9^1 + 9^1 &= 10 + 40 + 44 + 91 + 91 &:= 1^6 + 2^8 + 5^0 + 6^1 + 12^1 &= 16 + 28 + 50 + 61 + 121 \\
 &:= 1^0 + 4^0 + 5^1 + 5^3 + 12^2 &= 10 + 40 + 51 + 53 + 122 &:= 1^6 + 2^8 + 5^0 + 7^1 + 11^1 &= 16 + 28 + 50 + 71 + 111 \\
 &:= 1^0 + 4^0 + 6^3 + 7^2 + 9^1 &= 10 + 40 + 63 + 72 + 91 &:= 1^6 + 2^8 + 5^0 + 8^1 + 10^1 &= 16 + 28 + 50 + 81 + 101 \\
 &:= 1^1 + 1^6 + 2^5 + 11^2 + 11^2 &= 11 + 16 + 25 + 112 + 112 &:= 1^6 + 2^8 + 5^0 + 9^1 + 9^1 &= 16 + 28 + 50 + 91 + 91 \\
 &:= 1^1 + 1^6 + 2^8 + 5^0 + 17^1 &= 11 + 16 + 28 + 50 + 171 &:= 1^6 + 3^2 + 3^4 + 8^2 + 11^2 &= 16 + 32 + 34 + 82 + 112 \\
 &:= 1^1 + 2^0 + 3^0 + 4^4 + 17^1 &= 11 + 20 + 30 + 44 + 171 &:= 1^6 + 3^3 + 3^3 + 5^2 + 14^2 &= 16 + 33 + 33 + 52 + 142 \\
 &:= 1^1 + 2^1 + 4^0 + 4^2 + 16^2 &= 11 + 21 + 40 + 42 + 162 &:= 1^6 + 3^4 + 5^2 + 5^2 + 12^2 &= 16 + 34 + 52 + 52 + 122 \\
 &:= 1^1 + 2^7 + 2^7 + 3^0 + 18^1 &= 11 + 27 + 27 + 30 + 181 &:= 1^7 + 2^0 + 2^8 + 4^0 + 17^1 &= 17 + 20 + 28 + 40 + 171 \\
 &:= 1^2 + 1^5 + 2^5 + 11^2 + 11^2 &= 12 + 15 + 25 + 112 + 112 &:= 1^7 + 2^1 + 2^4 + 4^4 + 17^0 &= 17 + 21 + 24 + 44 + 170 \\
 &:= 1^2 + 1^5 + 2^8 + 5^0 + 17^1 &= 12 + 15 + 28 + 50 + 171 &:= 1^7 + 2^8 + 3^0 + 3^0 + 17^1 &= 17 + 28 + 30 + 30 + 171 \\
 &:= 1^2 + 1^9 + 3^0 + 4^4 + 17^1 &= 12 + 19 + 30 + 44 + 171 &:= 1^7 + 3^3 + 3^5 + 4^1 + 15^0 &= 17 + 33 + 35 + 41 + 150 \\
 &:= 1^2 + 2^4 + 2^7 + 10^1 + 11^2 &= 12 + 24 + 27 + 101 + 112 &:= 1^7 + 5^2 + 5^2 + 5^3 + 10^2 &= 17 + 52 + 52 + 53 + 102 \\
 &:= 1^3 + 1^4 + 2^5 + 11^2 + 11^2 &= 13 + 14 + 25 + 112 + 112 &:= 1^8 + 1^9 + 2^8 + 4^0 + 17^1 &= 18 + 19 + 28 + 40 + 171
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 2^3 + 4^4 + 9^0 + 10^1 = 18 + 23 + 44 + 90 + 101 \\
 &:= 1^8 + 3^0 + 3^4 + 7^2 + 12^2 = 18 + 30 + 34 + 72 + 122 \\
 &:= 1^8 + 3^0 + 3^5 + 4^2 + 15^1 = 18 + 30 + 35 + 42 + 151 \\
 &:= 1^8 + 3^2 + 3^2 + 4^4 + 15^0 = 18 + 32 + 32 + 44 + 150 \\
 &:= 1^8 + 3^5 + 5^2 + 6^1 + 11^0 = 18 + 35 + 52 + 61 + 110 \\
 &:= 1^8 + 4^1 + 5^2 + 5^3 + 11^2 = 18 + 41 + 52 + 53 + 112 \\
 &:= 1^8 + 5^2 + 5^2 + 6^3 + 9^1 = 18 + 52 + 52 + 63 + 91 \\
 &:= 1^9 + 2^1 + 2^4 + 5^0 + 16^2 = 19 + 21 + 24 + 50 + 162 \\
 &:= 1^9 + 2^1 + 4^2 + 4^4 + 15^0 = 19 + 21 + 42 + 44 + 150 \\
 &:= 1^9 + 2^2 + 4^4 + 5^0 + 14^1 = 19 + 22 + 44 + 50 + 141 \\
 &:= 1^9 + 3^0 + 5^3 + 7^2 + 10^2 = 19 + 30 + 53 + 72 + 102 \\
 &:= 1^9 + 3^2 + 4^4 + 9^0 + 9^1 = 19 + 32 + 44 + 90 + 91 \\
 &:= 1^9 + 3^2 + 6^3 + 7^2 + 9^0 = 19 + 32 + 63 + 72 + 90 \\
 &:= 2^0 + 2^1 + 3^0 + 4^4 + 16^1 = 20 + 21 + 30 + 44 + 161 \\
 &:= 2^0 + 3^0 + 3^1 + 4^4 + 15^1 = 20 + 30 + 31 + 44 + 151 \\
 &:= 2^0 + 3^0 + 3^2 + 3^2 + 16^2 = 20 + 30 + 32 + 32 + 162 \\
 &:= 2^0 + 3^0 + 4^1 + 4^4 + 14^1 = 20 + 30 + 41 + 44 + 141 \\
 &:= 2^0 + 3^0 + 4^4 + 5^1 + 13^1 = 20 + 30 + 44 + 51 + 131 \\
 &:= 2^0 + 3^0 + 4^4 + 6^1 + 12^1 = 20 + 30 + 44 + 61 + 121 \\
 &:= 2^0 + 3^0 + 4^4 + 7^1 + 11^1 = 20 + 30 + 44 + 71 + 111
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 3^0 + 4^4 + 8^1 + 10^1 = 20 + 30 + 44 + 81 + 101 \\
 &:= 2^0 + 3^0 + 4^4 + 9^1 + 9^1 = 20 + 30 + 44 + 91 + 91 \\
 &:= 2^0 + 3^0 + 5^1 + 5^3 + 12^2 = 20 + 30 + 51 + 53 + 122 \\
 &:= 2^0 + 3^0 + 6^3 + 7^2 + 9^1 = 20 + 30 + 63 + 72 + 91 \\
 &:= 2^1 + 2^6 + 2^7 + 9^2 + 11^0 = 21 + 26 + 27 + 92 + 110 \\
 &:= 2^1 + 2^7 + 2^7 + 3^0 + 17^1 = 21 + 27 + 27 + 30 + 171 \\
 &:= 2^2 + 2^5 + 2^5 + 8^2 + 12^2 = 22 + 25 + 25 + 82 + 122 \\
 &:= 2^2 + 2^5 + 2^6 + 7^1 + 13^2 = 22 + 25 + 26 + 71 + 132 \\
 &:= 2^4 + 2^5 + 4^3 + 8^2 + 10^2 = 24 + 25 + 43 + 82 + 102 \\
 &:= 2^4 + 2^6 + 4^2 + 6^2 + 12^2 = 24 + 26 + 42 + 62 + 122 \\
 &:= 2^4 + 2^7 + 5^2 + 7^1 + 10^2 = 24 + 27 + 52 + 71 + 102 \\
 &:= 2^6 + 3^4 + 3^4 + 7^2 + 11^0 = 26 + 34 + 34 + 72 + 110 \\
 &:= 2^7 + 2^7 + 3^0 + 3^1 + 16^1 = 27 + 27 + 30 + 31 + 161 \\
 &:= 2^7 + 2^7 + 3^0 + 4^1 + 15^1 = 27 + 27 + 30 + 41 + 151 \\
 &:= 2^7 + 2^7 + 3^0 + 5^1 + 14^1 = 27 + 27 + 30 + 51 + 141 \\
 &:= 2^7 + 2^7 + 3^0 + 6^1 + 13^1 = 27 + 27 + 30 + 61 + 131 \\
 &:= 2^7 + 2^7 + 3^0 + 7^1 + 12^1 = 27 + 27 + 30 + 71 + 121 \\
 &:= 2^7 + 2^7 + 3^0 + 8^1 + 11^1 = 27 + 27 + 30 + 81 + 111 \\
 &:= 2^7 + 2^7 + 3^0 + 9^1 + 10^1 = 27 + 27 + 30 + 91 + 101
 \end{aligned}$$

2.2.178 Number 277

$$\begin{aligned}
 277 &:= 1^1 + 4^2 + 8^2 + 14^2 = 11 + 42 + 82 + 142 \\
 &:= 1^2 + 3^0 + 4^4 + 19^1 = 12 + 30 + 44 + 191 \\
 &:= 1^7 + 2^5 + 3^5 + 20^0 = 17 + 25 + 35 + 200 \\
 &:= 1^8 + 2^8 + 4^0 + 19^1 = 18 + 28 + 40 + 191 \\
 &:= 2^1 + 5^2 + 5^2 + 15^2 = 21 + 52 + 52 + 152 \\
 &:= 2^2 + 4^4 + 5^0 + 16^1 = 22 + 44 + 50 + 161 \\
 &:= 2^4 + 4^1 + 5^0 + 16^2 = 24 + 41 + 50 + 162 \\
 &:= 3^2 + 4^4 + 9^0 + 11^1 = 32 + 44 + 90 + 111 \\
 &:= 4^1 + 4^2 + 4^4 + 15^0 = 41 + 42 + 44 + 150 \\
 &:= 4^2 + 4^3 + 5^0 + 14^2 = 42 + 43 + 50 + 142 \\
 &:= 1^0 + 1^1 + 5^2 + 5^2 + 15^2 = 10 + 11 + 52 + 52 + 152 \\
 &:= 1^0 + 1^2 + 3^0 + 4^4 + 18^1 = 10 + 12 + 30 + 44 + 181 \\
 &:= 1^0 + 1^3 + 3^0 + 7^2 + 15^2 = 10 + 13 + 30 + 72 + 152 \\
 &:= 1^0 + 1^8 + 2^8 + 4^0 + 18^1 = 10 + 18 + 28 + 40 + 181 \\
 &:= 1^0 + 2^2 + 4^4 + 5^0 + 15^1 = 10 + 22 + 44 + 50 + 151
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 2^4 + 3^1 + 5^0 + 16^2 = 10 + 24 + 31 + 50 + 162 \\
 &:= 1^0 + 3^1 + 4^2 + 4^4 + 15^0 = 10 + 31 + 42 + 44 + 150 \\
 &:= 1^0 + 3^2 + 4^4 + 9^0 + 10^1 = 10 + 32 + 44 + 90 + 101 \\
 &:= 1^1 + 1^1 + 3^0 + 4^4 + 18^1 = 11 + 11 + 30 + 44 + 181 \\
 &:= 1^1 + 1^2 + 3^0 + 7^2 + 15^2 = 11 + 12 + 30 + 72 + 152 \\
 &:= 1^1 + 1^7 + 2^8 + 4^0 + 18^1 = 11 + 17 + 28 + 40 + 181 \\
 &:= 1^1 + 2^1 + 3^0 + 4^4 + 17^1 = 11 + 21 + 30 + 44 + 171 \\
 &:= 1^1 + 3^0 + 3^1 + 4^4 + 16^1 = 11 + 30 + 31 + 44 + 161 \\
 &:= 1^1 + 3^0 + 4^1 + 4^4 + 15^1 = 11 + 30 + 41 + 44 + 151 \\
 &:= 1^1 + 3^0 + 4^4 + 5^1 + 14^1 = 11 + 30 + 44 + 51 + 141 \\
 &:= 1^1 + 3^0 + 4^4 + 6^1 + 13^1 = 11 + 30 + 44 + 61 + 131 \\
 &:= 1^1 + 3^0 + 4^4 + 7^1 + 12^1 = 11 + 30 + 44 + 71 + 121 \\
 &:= 1^1 + 3^0 + 4^4 + 8^1 + 11^1 = 11 + 30 + 44 + 81 + 111 \\
 &:= 1^1 + 3^0 + 4^4 + 9^1 + 10^1 = 11 + 30 + 44 + 91 + 101 \\
 &:= 1^1 + 3^0 + 5^3 + 6^1 + 12^2 = 11 + 30 + 53 + 61 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 3^0 + 6^3 + 7^2 + 10^1 = 11 + 30 + 63 + 72 + 101 \\
 &:= 1^2 + 1^6 + 2^8 + 4^0 + 18^1 = 12 + 16 + 28 + 40 + 181 \\
 &:= 1^2 + 2^0 + 2^0 + 4^4 + 18^1 = 12 + 20 + 20 + 44 + 181 \\
 &:= 1^2 + 2^0 + 2^7 + 2^7 + 19^1 = 12 + 20 + 27 + 27 + 191 \\
 &:= 1^2 + 3^0 + 3^1 + 4^2 + 16^2 = 12 + 30 + 31 + 42 + 162 \\
 &:= 1^3 + 1^5 + 2^8 + 4^0 + 18^1 = 13 + 15 + 28 + 40 + 181 \\
 &:= 1^3 + 1^9 + 2^0 + 4^4 + 18^1 = 13 + 19 + 20 + 44 + 181 \\
 &:= 1^3 + 1^9 + 2^7 + 2^7 + 19^1 = 13 + 19 + 27 + 27 + 191 \\
 &:= 1^3 + 2^0 + 2^0 + 7^2 + 15^2 = 13 + 20 + 20 + 72 + 152 \\
 &:= 1^4 + 1^4 + 2^8 + 4^0 + 18^1 = 14 + 14 + 28 + 40 + 181 \\
 &:= 1^4 + 1^8 + 2^0 + 4^4 + 18^1 = 14 + 18 + 20 + 44 + 181 \\
 &:= 1^4 + 1^8 + 2^7 + 2^7 + 19^1 = 14 + 18 + 27 + 27 + 191 \\
 &:= 1^4 + 1^9 + 1^9 + 4^4 + 18^1 = 14 + 19 + 19 + 44 + 181 \\
 &:= 1^4 + 1^9 + 2^0 + 7^2 + 15^2 = 14 + 19 + 20 + 72 + 152 \\
 &:= 1^4 + 2^4 + 2^4 + 3^5 + 18^0 = 14 + 24 + 24 + 35 + 180 \\
 &:= 1^4 + 2^4 + 2^8 + 3^1 + 18^0 = 14 + 24 + 28 + 31 + 180 \\
 &:= 1^5 + 1^7 + 2^0 + 4^4 + 18^1 = 15 + 17 + 20 + 44 + 181 \\
 &:= 1^5 + 1^7 + 2^7 + 2^7 + 19^1 = 15 + 17 + 27 + 27 + 191 \\
 &:= 1^5 + 1^8 + 1^9 + 4^4 + 18^1 = 15 + 18 + 19 + 44 + 181 \\
 &:= 1^5 + 1^8 + 2^0 + 7^2 + 15^2 = 15 + 18 + 20 + 72 + 152 \\
 &:= 1^5 + 1^9 + 1^9 + 7^2 + 15^2 = 15 + 19 + 19 + 72 + 152 \\
 &:= 1^5 + 2^3 + 2^8 + 10^0 + 11^1 = 15 + 23 + 28 + 100 + 111 \\
 &:= 1^6 + 1^6 + 2^0 + 4^4 + 18^1 = 16 + 16 + 20 + 44 + 181 \\
 &:= 1^6 + 1^6 + 2^7 + 2^7 + 19^1 = 16 + 16 + 27 + 27 + 191 \\
 &:= 1^6 + 1^7 + 1^9 + 4^4 + 18^1 = 16 + 17 + 19 + 44 + 181 \\
 &:= 1^6 + 1^7 + 2^0 + 7^2 + 15^2 = 16 + 17 + 20 + 72 + 152 \\
 &:= 1^6 + 1^8 + 1^8 + 4^4 + 18^1 = 16 + 18 + 18 + 44 + 181 \\
 &:= 1^6 + 1^8 + 1^9 + 7^2 + 15^2 = 16 + 18 + 19 + 72 + 152 \\
 &:= 1^6 + 2^2 + 2^8 + 6^0 + 15^1 = 16 + 22 + 28 + 60 + 151 \\
 &:= 1^6 + 2^4 + 3^5 + 4^2 + 16^0 = 16 + 24 + 35 + 42 + 160 \\
 &:= 1^6 + 2^5 + 3^3 + 6^3 + 14^0 = 16 + 25 + 33 + 63 + 140 \\
 &:= 1^6 + 2^8 + 3^1 + 4^2 + 16^0 = 16 + 28 + 31 + 42 + 160 \\
 &:= 1^6 + 2^8 + 3^2 + 10^0 + 10^1 = 16 + 28 + 32 + 100 + 101 \\
 &:= 1^7 + 1^7 + 1^8 + 4^4 + 18^1 = 17 + 17 + 18 + 44 + 181 \\
 &:= 1^7 + 1^7 + 1^9 + 7^2 + 15^2 = 17 + 17 + 19 + 72 + 152 \\
 &:= 1^7 + 1^8 + 1^8 + 7^2 + 15^2 = 17 + 18 + 18 + 72 + 152 \\
 &:= 1^7 + 2^1 + 2^8 + 4^0 + 17^1 = 17 + 21 + 28 + 40 + 171 \\
 &:= 1^7 + 2^4 + 3^5 + 4^0 + 16^1 = 17 + 24 + 35 + 40 + 161
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^7 + 2^7 + 3^1 + 8^0 + 12^2 = 17 + 27 + 31 + 80 + 122 \\
 &:= 1^7 + 2^8 + 3^1 + 4^0 + 16^1 = 17 + 28 + 31 + 40 + 161 \\
 &:= 1^7 + 2^8 + 4^0 + 4^1 + 15^1 = 17 + 28 + 40 + 41 + 151 \\
 &:= 1^7 + 2^8 + 4^0 + 5^1 + 14^1 = 17 + 28 + 40 + 51 + 141 \\
 &:= 1^7 + 2^8 + 4^0 + 6^1 + 13^1 = 17 + 28 + 40 + 61 + 131 \\
 &:= 1^7 + 2^8 + 4^0 + 7^1 + 12^1 = 17 + 28 + 40 + 71 + 121 \\
 &:= 1^7 + 2^8 + 4^0 + 8^1 + 11^1 = 17 + 28 + 40 + 81 + 111 \\
 &:= 1^7 + 2^8 + 4^0 + 9^1 + 10^1 = 17 + 28 + 40 + 91 + 101 \\
 &:= 1^8 + 2^0 + 2^8 + 3^0 + 18^1 = 18 + 20 + 28 + 30 + 181 \\
 &:= 1^8 + 2^4 + 3^1 + 4^4 + 16^0 = 18 + 24 + 31 + 44 + 160 \\
 &:= 1^8 + 3^3 + 3^5 + 5^1 + 14^0 = 18 + 33 + 35 + 51 + 140 \\
 &:= 1^8 + 3^5 + 4^2 + 4^2 + 14^0 = 18 + 35 + 42 + 42 + 140 \\
 &:= 1^9 + 1^9 + 2^8 + 3^0 + 18^1 = 19 + 19 + 28 + 30 + 181 \\
 &:= 1^9 + 2^0 + 3^5 + 4^2 + 16^1 = 19 + 20 + 35 + 42 + 161 \\
 &:= 1^9 + 2^3 + 4^4 + 8^0 + 11^1 = 19 + 23 + 44 + 80 + 111 \\
 &:= 1^9 + 3^4 + 4^0 + 5^2 + 13^2 = 19 + 34 + 40 + 52 + 132 \\
 &:= 1^9 + 3^5 + 5^2 + 7^1 + 10^0 = 19 + 35 + 52 + 71 + 100 \\
 &:= 1^9 + 5^2 + 5^3 + 5^3 + 10^0 = 19 + 52 + 53 + 53 + 100 \\
 &:= 2^0 + 2^2 + 4^0 + 4^4 + 15^1 = 20 + 22 + 40 + 44 + 151 \\
 &:= 2^0 + 2^4 + 3^1 + 4^0 + 16^2 = 20 + 24 + 31 + 40 + 162 \\
 &:= 2^0 + 3^1 + 4^2 + 4^4 + 14^0 = 20 + 31 + 42 + 44 + 140 \\
 &:= 2^0 + 3^2 + 4^4 + 8^0 + 10^1 = 20 + 32 + 44 + 80 + 101 \\
 &:= 2^1 + 2^1 + 3^0 + 4^4 + 16^1 = 21 + 21 + 30 + 44 + 161 \\
 &:= 2^1 + 3^0 + 3^1 + 4^4 + 15^1 = 21 + 30 + 31 + 44 + 151 \\
 &:= 2^1 + 3^0 + 3^2 + 3^2 + 16^2 = 21 + 30 + 32 + 32 + 162 \\
 &:= 2^1 + 3^0 + 4^1 + 4^4 + 14^1 = 21 + 30 + 41 + 44 + 141 \\
 &:= 2^1 + 3^0 + 4^4 + 5^1 + 13^1 = 21 + 30 + 44 + 51 + 131 \\
 &:= 2^1 + 3^0 + 4^4 + 6^1 + 12^1 = 21 + 30 + 44 + 61 + 121 \\
 &:= 2^1 + 3^0 + 4^4 + 7^1 + 11^1 = 21 + 30 + 44 + 71 + 111 \\
 &:= 2^1 + 3^0 + 4^4 + 8^1 + 10^1 = 21 + 30 + 44 + 81 + 101 \\
 &:= 2^1 + 3^0 + 4^4 + 9^1 + 9^1 = 21 + 30 + 44 + 91 + 91 \\
 &:= 2^1 + 3^0 + 5^1 + 5^3 + 12^2 = 21 + 30 + 51 + 53 + 122 \\
 &:= 2^1 + 3^0 + 6^3 + 7^2 + 9^1 = 21 + 30 + 63 + 72 + 91 \\
 &:= 2^2 + 2^7 + 2^7 + 4^0 + 16^1 = 22 + 27 + 27 + 40 + 161 \\
 &:= 2^2 + 3^0 + 3^0 + 4^4 + 15^1 = 22 + 30 + 30 + 44 + 151 \\
 &:= 2^4 + 3^0 + 3^0 + 3^1 + 16^2 = 24 + 30 + 30 + 31 + 162 \\
 &:= 2^6 + 2^6 + 3^3 + 8^0 + 11^2 = 26 + 26 + 33 + 80 + 112 \\
 &:= 2^7 + 2^7 + 3^2 + 8^0 + 11^1 = 27 + 27 + 32 + 80 + 111
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^7 + 2^7 + 4^1 + 4^2 + 14^0 = 27 + 27 + 41 + 42 + 140 \\
 &:= 3^0 + 3^1 + 3^1 + 4^4 + 14^1 = 30 + 31 + 31 + 44 + 141 \\
 &:= 3^0 + 3^1 + 4^1 + 4^4 + 13^1 = 30 + 31 + 41 + 44 + 131 \\
 &:= 3^0 + 3^1 + 4^1 + 5^3 + 12^2 = 30 + 31 + 41 + 53 + 122 \\
 &:= 3^0 + 3^1 + 4^2 + 4^4 + 13^0 = 30 + 31 + 42 + 44 + 130 \\
 &:= 3^0 + 3^1 + 4^4 + 5^1 + 12^1 = 30 + 31 + 44 + 51 + 121 \\
 &:= 3^0 + 3^1 + 4^4 + 6^1 + 11^1 = 30 + 31 + 44 + 61 + 111 \\
 &:= 3^0 + 3^1 + 4^4 + 7^1 + 10^1 = 30 + 31 + 44 + 71 + 101 \\
 &:= 3^0 + 3^1 + 4^4 + 8^1 + 9^1 = 30 + 31 + 44 + 81 + 91 \\
 &:= 3^0 + 3^1 + 6^3 + 7^2 + 8^1 = 30 + 31 + 63 + 72 + 81 \\
 &:= 3^0 + 3^2 + 4^4 + 7^0 + 10^1 = 30 + 32 + 44 + 70 + 101 \\
 &:= 3^0 + 4^1 + 4^1 + 4^4 + 12^1 = 30 + 41 + 41 + 44 + 121 \\
 &:= 3^0 + 4^1 + 4^4 + 5^1 + 11^1 = 30 + 41 + 44 + 51 + 111 \\
 &:= 3^0 + 4^1 + 4^4 + 6^1 + 10^1 = 30 + 41 + 44 + 61 + 101 \\
 &:= 3^0 + 4^1 + 4^4 + 7^1 + 9^1 = 30 + 41 + 44 + 71 + 91 \\
 &:= 3^0 + 4^1 + 4^4 + 8^1 + 8^1 = 30 + 41 + 44 + 81 + 81 \\
 &:= 3^0 + 4^1 + 6^3 + 7^1 + 7^2 = 30 + 41 + 63 + 71 + 72 \\
 &:= 3^0 + 4^4 + 5^1 + 5^1 + 10^1 = 30 + 44 + 51 + 51 + 101 \\
 &:= 3^0 + 4^4 + 5^1 + 6^1 + 9^1 = 30 + 44 + 51 + 61 + 91 \\
 &:= 3^0 + 4^4 + 5^1 + 7^1 + 8^1 = 30 + 44 + 51 + 71 + 81 \\
 &:= 3^0 + 4^4 + 6^1 + 6^1 + 8^1 = 30 + 44 + 61 + 61 + 81 \\
 &:= 3^0 + 4^4 + 6^1 + 7^1 + 7^1 = 30 + 44 + 61 + 71 + 71 \\
 &:= 3^0 + 5^1 + 6^1 + 6^3 + 7^2 = 30 + 51 + 61 + 63 + 72 \\
 &:= 3^1 + 4^0 + 4^2 + 4^4 + 12^0 = 31 + 40 + 42 + 44 + 120 \\
 &:= 3^1 + 4^2 + 4^4 + 5^0 + 11^0 = 31 + 42 + 44 + 50 + 110 \\
 &:= 3^1 + 4^2 + 4^4 + 6^0 + 10^0 = 31 + 42 + 44 + 60 + 100 \\
 &:= 3^1 + 4^2 + 4^4 + 7^0 + 9^0 = 31 + 42 + 44 + 70 + 90 \\
 &:= 3^1 + 4^2 + 4^4 + 8^0 + 8^0 = 31 + 42 + 44 + 80 + 80 \\
 &:= 3^2 + 4^0 + 4^4 + 6^0 + 10^1 = 32 + 40 + 44 + 60 + 101 \\
 &:= 3^2 + 4^4 + 5^0 + 5^0 + 10^1 = 32 + 44 + 50 + 50 + 101
 \end{aligned}$$

2.2.179 Number 278

$$\begin{aligned}
 278 &:= 1^3 + 2^0 + 4^4 + 20^1 = 13 + 20 + 44 + 201 \\
 &:= 1^3 + 2^7 + 2^7 + 21^1 = 13 + 27 + 27 + 211 \\
 &:= 1^4 + 1^9 + 4^4 + 20^1 = 14 + 19 + 44 + 201 \\
 &:= 1^5 + 1^8 + 4^4 + 20^1 = 15 + 18 + 44 + 201 \\
 &:= 1^6 + 1^7 + 4^4 + 20^1 = 16 + 17 + 44 + 201 \\
 &:= 1^9 + 2^8 + 3^0 + 20^1 = 19 + 28 + 30 + 201 \\
 &:= 2^0 + 3^5 + 4^2 + 18^1 = 20 + 35 + 42 + 181 \\
 &:= 2^3 + 4^4 + 8^0 + 13^1 = 23 + 44 + 80 + 131 \\
 &:= 2^3 + 5^3 + 8^0 + 12^2 = 23 + 53 + 80 + 122 \\
 &:= 2^4 + 4^0 + 6^2 + 15^2 = 24 + 40 + 62 + 152 \\
 &:= 3^5 + 5^2 + 9^1 + 10^0 = 35 + 52 + 91 + 100 \\
 &:= 1^0 + 1^3 + 2^0 + 4^4 + 19^1 = 10 + 13 + 20 + 44 + 191 \\
 &:= 1^0 + 1^3 + 2^7 + 2^7 + 20^1 = 10 + 13 + 27 + 27 + 201 \\
 &:= 1^0 + 1^4 + 1^9 + 4^4 + 19^1 = 10 + 14 + 19 + 44 + 191 \\
 &:= 1^0 + 1^5 + 1^8 + 4^4 + 19^1 = 10 + 15 + 18 + 44 + 191 \\
 &:= 1^0 + 1^6 + 1^7 + 4^4 + 19^1 = 10 + 16 + 17 + 44 + 191 \\
 &:= 1^0 + 1^8 + 2^5 + 3^5 + 19^0 = 10 + 18 + 25 + 35 + 190 \\
 &:= 1^0 + 1^9 + 2^5 + 10^2 + 12^2 = 10 + 19 + 25 + 102 + 122 \\
 &:= 1^0 + 1^9 + 2^8 + 3^0 + 19^1 = 10 + 19 + 28 + 30 + 191 \\
 &:= 1^0 + 2^0 + 2^4 + 8^2 + 14^2 = 10 + 20 + 24 + 82 + 142 \\
 &:= 1^0 + 2^0 + 3^5 + 4^2 + 17^1 = 10 + 20 + 35 + 42 + 171 \\
 &:= 1^0 + 2^2 + 2^4 + 6^0 + 16^2 = 10 + 22 + 24 + 60 + 162 \\
 &:= 1^0 + 2^2 + 4^2 + 4^4 + 16^0 = 10 + 22 + 42 + 44 + 160 \\
 &:= 1^0 + 2^3 + 4^4 + 8^0 + 12^1 = 10 + 23 + 44 + 80 + 121 \\
 &:= 1^0 + 3^5 + 5^2 + 8^1 + 10^0 = 10 + 35 + 52 + 81 + 100 \\
 &:= 1^1 + 1^2 + 2^0 + 4^4 + 19^1 = 11 + 12 + 20 + 44 + 191 \\
 &:= 1^1 + 1^2 + 2^7 + 2^7 + 20^1 = 11 + 12 + 27 + 27 + 201 \\
 &:= 1^1 + 1^3 + 1^9 + 4^4 + 19^1 = 11 + 13 + 19 + 44 + 191 \\
 &:= 1^1 + 1^4 + 1^8 + 4^4 + 19^1 = 11 + 14 + 18 + 44 + 191 \\
 &:= 1^1 + 1^5 + 1^7 + 4^4 + 19^1 = 11 + 15 + 17 + 44 + 191 \\
 &:= 1^1 + 1^6 + 1^6 + 4^4 + 19^1 = 11 + 16 + 16 + 44 + 191 \\
 &:= 1^1 + 1^7 + 2^5 + 3^5 + 19^0 = 11 + 17 + 25 + 35 + 190 \\
 &:= 1^1 + 1^8 + 2^5 + 10^2 + 12^2 = 11 + 18 + 25 + 102 + 122 \\
 &:= 1^1 + 1^8 + 2^8 + 3^0 + 19^1 = 11 + 18 + 28 + 30 + 191 \\
 &:= 1^1 + 1^9 + 2^4 + 8^2 + 14^2 = 11 + 19 + 24 + 82 + 142 \\
 &:= 1^1 + 1^9 + 3^5 + 4^2 + 17^1 = 11 + 19 + 35 + 42 + 171 \\
 &:= 1^1 + 2^2 + 4^0 + 4^4 + 16^1 = 11 + 22 + 40 + 44 + 161 \\
 &:= 1^1 + 2^4 + 4^0 + 4^1 + 16^2 = 11 + 24 + 40 + 41 + 162 \\
 &:= 1^1 + 3^2 + 4^4 + 8^0 + 11^1 = 11 + 32 + 44 + 80 + 111 \\
 &:= 1^1 + 4^0 + 4^2 + 4^3 + 14^2 = 11 + 40 + 42 + 43 + 142
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 4^1 + 4^2 + 4^4 + 14^0 = 11 + 41 + 42 + 44 + 140 \\ &:= 1^2 + 1^2 + 1^9 + 4^4 + 19^1 = 12 + 12 + 19 + 44 + 191 \\ &:= 1^2 + 1^3 + 1^8 + 4^4 + 19^1 = 12 + 13 + 18 + 44 + 191 \\ &:= 1^2 + 1^4 + 1^7 + 4^4 + 19^1 = 12 + 14 + 17 + 44 + 191 \\ &:= 1^2 + 1^5 + 1^6 + 4^4 + 19^1 = 12 + 15 + 16 + 44 + 191 \\ &:= 1^2 + 1^6 + 2^5 + 3^5 + 19^0 = 12 + 16 + 25 + 35 + 190 \\ &:= 1^2 + 1^7 + 2^5 + 10^2 + 12^2 = 12 + 17 + 25 + 102 + 122 \\ &:= 1^2 + 1^7 + 2^8 + 3^0 + 19^1 = 12 + 17 + 28 + 30 + 191 \\ &:= 1^2 + 1^8 + 2^4 + 8^2 + 14^2 = 12 + 18 + 24 + 82 + 142 \\ &:= 1^2 + 1^8 + 3^5 + 4^2 + 17^1 = 12 + 18 + 35 + 42 + 171 \\ &:= 1^2 + 2^0 + 2^1 + 4^4 + 18^1 = 12 + 20 + 21 + 44 + 181 \\ &:= 1^2 + 2^0 + 3^1 + 4^4 + 17^1 = 12 + 20 + 31 + 44 + 171 \\ &:= 1^2 + 2^0 + 4^1 + 4^4 + 16^1 = 12 + 20 + 41 + 44 + 161 \\ &:= 1^2 + 2^0 + 4^4 + 10^1 + 10^1 = 12 + 20 + 44 + 101 + 101 \\ &:= 1^2 + 2^0 + 4^4 + 5^1 + 15^1 = 12 + 20 + 44 + 51 + 151 \\ &:= 1^2 + 2^0 + 4^4 + 6^1 + 14^1 = 12 + 20 + 44 + 61 + 141 \\ &:= 1^2 + 2^0 + 4^4 + 7^1 + 13^1 = 12 + 20 + 44 + 71 + 131 \\ &:= 1^2 + 2^0 + 4^4 + 8^1 + 12^1 = 12 + 20 + 44 + 81 + 121 \\ &:= 1^2 + 2^0 + 4^4 + 9^1 + 11^1 = 12 + 20 + 44 + 91 + 111 \\ &:= 1^2 + 2^0 + 5^3 + 7^1 + 12^2 = 12 + 20 + 53 + 71 + 122 \\ &:= 1^2 + 2^0 + 6^3 + 7^2 + 11^1 = 12 + 20 + 63 + 72 + 111 \\ &:= 1^2 + 2^1 + 2^7 + 2^7 + 19^1 = 12 + 21 + 27 + 27 + 191 \\ &:= 1^2 + 2^2 + 4^0 + 4^2 + 16^2 = 12 + 22 + 40 + 42 + 162 \\ &:= 1^2 + 2^7 + 2^7 + 10^1 + 11^1 = 12 + 27 + 27 + 101 + 111 \\ &:= 1^2 + 2^7 + 2^7 + 3^1 + 18^1 = 12 + 27 + 27 + 31 + 181 \\ &:= 1^2 + 2^7 + 2^7 + 4^1 + 17^1 = 12 + 27 + 27 + 41 + 171 \\ &:= 1^2 + 2^7 + 2^7 + 5^1 + 16^1 = 12 + 27 + 27 + 51 + 161 \\ &:= 1^2 + 2^7 + 2^7 + 6^1 + 15^1 = 12 + 27 + 27 + 61 + 151 \\ &:= 1^2 + 2^7 + 2^7 + 7^1 + 14^1 = 12 + 27 + 27 + 71 + 141 \\ &:= 1^2 + 2^7 + 2^7 + 8^1 + 13^1 = 12 + 27 + 27 + 81 + 131 \\ &:= 1^2 + 2^7 + 2^7 + 9^1 + 12^1 = 12 + 27 + 27 + 91 + 121 \\ &:= 1^3 + 1^3 + 1^7 + 4^4 + 19^1 = 13 + 13 + 17 + 44 + 191 \\ &:= 1^3 + 1^4 + 1^6 + 4^4 + 19^1 = 13 + 14 + 16 + 44 + 191 \\ &:= 1^3 + 1^5 + 1^5 + 4^4 + 19^1 = 13 + 15 + 15 + 44 + 191 \\ &:= 1^3 + 1^5 + 2^5 + 3^5 + 19^0 = 13 + 15 + 25 + 35 + 190 \\ &:= 1^3 + 1^6 + 2^5 + 10^2 + 12^2 = 13 + 16 + 25 + 102 + 122 \\ &:= 1^3 + 1^6 + 2^8 + 3^0 + 19^1 = 13 + 16 + 28 + 30 + 191 \\ &:= 1^3 + 1^7 + 2^4 + 8^2 + 14^2 = 13 + 17 + 24 + 82 + 142 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^7 + 3^5 + 4^2 + 17^1 = 13 + 17 + 35 + 42 + 171 \\ &:= 1^3 + 1^9 + 2^1 + 4^4 + 18^1 = 13 + 19 + 21 + 44 + 181 \\ &:= 1^3 + 1^9 + 3^1 + 4^4 + 17^1 = 13 + 19 + 31 + 44 + 171 \\ &:= 1^3 + 1^9 + 4^1 + 4^4 + 16^1 = 13 + 19 + 41 + 44 + 161 \\ &:= 1^3 + 1^9 + 4^4 + 10^1 + 10^1 = 13 + 19 + 44 + 101 + 101 \\ &:= 1^3 + 1^9 + 4^4 + 5^1 + 15^1 = 13 + 19 + 44 + 51 + 151 \\ &:= 1^3 + 1^9 + 4^4 + 6^1 + 14^1 = 13 + 19 + 44 + 61 + 141 \\ &:= 1^3 + 1^9 + 4^4 + 7^1 + 13^1 = 13 + 19 + 44 + 71 + 131 \\ &:= 1^3 + 1^9 + 4^4 + 8^1 + 12^1 = 13 + 19 + 44 + 81 + 121 \\ &:= 1^3 + 1^9 + 4^4 + 9^1 + 11^1 = 13 + 19 + 44 + 91 + 111 \\ &:= 1^3 + 1^9 + 5^3 + 7^1 + 12^2 = 13 + 19 + 53 + 71 + 122 \\ &:= 1^3 + 1^9 + 6^3 + 7^2 + 11^1 = 13 + 19 + 63 + 72 + 111 \\ &:= 1^3 + 2^0 + 2^1 + 7^2 + 15^2 = 13 + 20 + 21 + 72 + 152 \\ &:= 1^3 + 2^0 + 4^1 + 4^2 + 16^2 = 13 + 20 + 41 + 42 + 162 \\ &:= 1^4 + 1^4 + 1^5 + 4^4 + 19^1 = 14 + 14 + 15 + 44 + 191 \\ &:= 1^4 + 1^4 + 2^5 + 3^5 + 19^0 = 14 + 14 + 25 + 35 + 190 \\ &:= 1^4 + 1^5 + 2^5 + 10^2 + 12^2 = 14 + 15 + 25 + 102 + 122 \\ &:= 1^4 + 1^5 + 2^8 + 3^0 + 19^1 = 14 + 15 + 28 + 30 + 191 \\ &:= 1^4 + 1^6 + 2^4 + 8^2 + 14^2 = 14 + 16 + 24 + 82 + 142 \\ &:= 1^4 + 1^6 + 3^5 + 4^2 + 17^1 = 14 + 16 + 35 + 42 + 171 \\ &:= 1^4 + 1^8 + 2^1 + 4^4 + 18^1 = 14 + 18 + 21 + 44 + 181 \\ &:= 1^4 + 1^8 + 3^1 + 4^4 + 17^1 = 14 + 18 + 31 + 44 + 171 \\ &:= 1^4 + 1^8 + 4^1 + 4^4 + 16^1 = 14 + 18 + 41 + 44 + 161 \\ &:= 1^4 + 1^8 + 4^4 + 10^1 + 10^1 = 14 + 18 + 44 + 101 + 101 \\ &:= 1^4 + 1^8 + 4^4 + 5^1 + 15^1 = 14 + 18 + 44 + 51 + 151 \\ &:= 1^4 + 1^8 + 4^4 + 6^1 + 14^1 = 14 + 18 + 44 + 61 + 141 \\ &:= 1^4 + 1^8 + 4^4 + 7^1 + 13^1 = 14 + 18 + 44 + 71 + 131 \\ &:= 1^4 + 1^8 + 4^4 + 8^1 + 12^1 = 14 + 18 + 44 + 81 + 121 \\ &:= 1^4 + 1^8 + 4^4 + 9^1 + 11^1 = 14 + 18 + 44 + 91 + 111 \\ &:= 1^4 + 1^8 + 5^3 + 7^1 + 12^2 = 14 + 18 + 53 + 71 + 122 \\ &:= 1^4 + 1^8 + 6^3 + 7^2 + 11^1 = 14 + 18 + 63 + 72 + 111 \\ &:= 1^4 + 1^9 + 2^1 + 7^2 + 15^2 = 14 + 19 + 21 + 72 + 152 \\ &:= 1^4 + 1^9 + 4^1 + 4^2 + 16^2 = 14 + 19 + 41 + 42 + 162 \\ &:= 1^4 + 2^2 + 2^4 + 2^8 + 19^0 = 14 + 22 + 24 + 28 + 190 \\ &:= 1^4 + 2^3 + 2^7 + 5^3 + 16^1 = 14 + 23 + 27 + 53 + 161 \\ &:= 1^5 + 1^5 + 2^4 + 8^2 + 14^2 = 15 + 15 + 24 + 82 + 142 \\ &:= 1^5 + 1^5 + 3^5 + 4^2 + 17^1 = 15 + 15 + 35 + 42 + 171 \\ &:= 1^5 + 1^7 + 2^1 + 4^4 + 18^1 = 15 + 17 + 21 + 44 + 181 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^7 + 3^1 + 4^4 + 17^1 = 15 + 17 + 31 + 44 + 171 \\ &:= 1^5 + 1^7 + 4^1 + 4^4 + 16^1 = 15 + 17 + 41 + 44 + 161 \\ &:= 1^5 + 1^7 + 4^4 + 10^1 + 10^1 = 15 + 17 + 44 + 101 + 101 \\ &:= 1^5 + 1^7 + 4^4 + 5^1 + 15^1 = 15 + 17 + 44 + 51 + 151 \\ &:= 1^5 + 1^7 + 4^4 + 6^1 + 14^1 = 15 + 17 + 44 + 61 + 141 \\ &:= 1^5 + 1^7 + 4^4 + 7^1 + 13^1 = 15 + 17 + 44 + 71 + 131 \\ &:= 1^5 + 1^7 + 4^4 + 8^1 + 12^1 = 15 + 17 + 44 + 81 + 121 \\ &:= 1^5 + 1^7 + 4^4 + 9^1 + 11^1 = 15 + 17 + 44 + 91 + 111 \\ &:= 1^5 + 1^7 + 5^3 + 7^1 + 12^2 = 15 + 17 + 53 + 71 + 122 \\ &:= 1^5 + 1^7 + 6^3 + 7^2 + 11^1 = 15 + 17 + 63 + 72 + 111 \\ &:= 1^5 + 1^8 + 2^1 + 7^2 + 15^2 = 15 + 18 + 21 + 72 + 152 \\ &:= 1^5 + 1^8 + 4^1 + 4^2 + 16^2 = 15 + 18 + 41 + 42 + 162 \\ &:= 1^5 + 2^4 + 2^8 + 4^1 + 17^0 = 15 + 24 + 28 + 41 + 170 \\ &:= 1^5 + 2^7 + 3^2 + 5^3 + 15^1 = 15 + 27 + 32 + 53 + 151 \\ &:= 1^6 + 1^6 + 2^1 + 4^4 + 18^1 = 16 + 16 + 21 + 44 + 181 \\ &:= 1^6 + 1^6 + 3^1 + 4^4 + 17^1 = 16 + 16 + 31 + 44 + 171 \\ &:= 1^6 + 1^6 + 4^1 + 4^4 + 16^1 = 16 + 16 + 41 + 44 + 161 \\ &:= 1^6 + 1^6 + 4^4 + 10^1 + 10^1 = 16 + 16 + 44 + 101 + 101 \\ &:= 1^6 + 1^6 + 4^4 + 5^1 + 15^1 = 16 + 16 + 44 + 51 + 151 \\ &:= 1^6 + 1^6 + 4^4 + 6^1 + 14^1 = 16 + 16 + 44 + 61 + 141 \\ &:= 1^6 + 1^6 + 4^4 + 7^1 + 13^1 = 16 + 16 + 44 + 71 + 131 \\ &:= 1^6 + 1^6 + 4^4 + 8^1 + 12^1 = 16 + 16 + 44 + 81 + 121 \\ &:= 1^6 + 1^6 + 4^4 + 9^1 + 11^1 = 16 + 16 + 44 + 91 + 111 \\ &:= 1^6 + 1^6 + 5^3 + 7^1 + 12^2 = 16 + 16 + 53 + 71 + 122 \\ &:= 1^6 + 1^6 + 6^3 + 7^2 + 11^1 = 16 + 16 + 63 + 72 + 111 \\ &:= 1^6 + 1^7 + 2^1 + 7^2 + 15^2 = 16 + 17 + 21 + 72 + 152 \\ &:= 1^6 + 1^7 + 4^1 + 4^2 + 16^2 = 16 + 17 + 41 + 42 + 162 \\ &:= 1^6 + 2^2 + 2^8 + 4^2 + 17^0 = 16 + 22 + 28 + 42 + 170 \\ &:= 1^6 + 2^3 + 2^3 + 3^5 + 18^1 = 16 + 23 + 23 + 35 + 181 \\ &:= 1^6 + 2^3 + 2^8 + 9^0 + 12^1 = 16 + 23 + 28 + 90 + 121 \\ &:= 1^6 + 2^4 + 2^4 + 7^2 + 14^2 = 16 + 24 + 24 + 72 + 142 \\ &:= 1^6 + 2^4 + 2^6 + 7^0 + 14^2 = 16 + 24 + 26 + 70 + 142 \\ &:= 1^6 + 2^5 + 3^3 + 7^2 + 13^2 = 16 + 25 + 33 + 72 + 132 \\ &:= 1^6 + 2^5 + 4^3 + 9^2 + 10^2 = 16 + 25 + 43 + 92 + 102 \\ &:= 1^6 + 2^7 + 3^3 + 9^0 + 11^2 = 16 + 27 + 33 + 90 + 112 \\ &:= 1^7 + 2^2 + 2^7 + 9^0 + 12^2 = 17 + 22 + 27 + 90 + 122 \\ &:= 1^7 + 2^2 + 2^8 + 5^0 + 16^1 = 17 + 22 + 28 + 50 + 161 \\ &:= 1^7 + 2^3 + 3^2 + 3^5 + 17^1 = 17 + 23 + 32 + 35 + 171 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^5 + 4^2 + 6^3 + 13^1 = 17 + 25 + 42 + 63 + 131 \\ &:= 1^7 + 2^8 + 3^2 + 9^0 + 11^1 = 17 + 28 + 32 + 90 + 111 \\ &:= 1^7 + 2^8 + 4^1 + 4^2 + 15^0 = 17 + 28 + 41 + 42 + 150 \\ &:= 1^8 + 2^0 + 2^5 + 3^5 + 18^0 = 18 + 20 + 25 + 35 + 180 \\ &:= 1^8 + 2^1 + 2^8 + 3^0 + 18^1 = 18 + 21 + 28 + 30 + 181 \\ &:= 1^8 + 2^2 + 2^4 + 4^4 + 17^0 = 18 + 22 + 24 + 44 + 170 \\ &:= 1^8 + 2^3 + 2^3 + 6^2 + 15^2 = 18 + 23 + 23 + 62 + 152 \\ &:= 1^8 + 2^3 + 3^5 + 5^2 + 15^0 = 18 + 23 + 35 + 52 + 150 \\ &:= 1^8 + 2^3 + 4^3 + 6^2 + 13^2 = 18 + 23 + 43 + 62 + 132 \\ &:= 1^8 + 2^4 + 3^0 + 3^5 + 17^1 = 18 + 24 + 30 + 35 + 171 \\ &:= 1^8 + 2^5 + 3^0 + 3^5 + 17^0 = 18 + 25 + 30 + 35 + 170 \\ &:= 1^8 + 2^5 + 3^5 + 10^0 + 10^0 = 18 + 25 + 35 + 100 + 100 \\ &:= 1^8 + 2^5 + 3^5 + 4^0 + 16^0 = 18 + 25 + 35 + 40 + 160 \\ &:= 1^8 + 2^5 + 3^5 + 5^0 + 15^0 = 18 + 25 + 35 + 50 + 150 \\ &:= 1^8 + 2^5 + 3^5 + 6^0 + 14^0 = 18 + 25 + 35 + 60 + 140 \\ &:= 1^8 + 2^5 + 3^5 + 7^0 + 13^0 = 18 + 25 + 35 + 70 + 130 \\ &:= 1^8 + 2^5 + 3^5 + 8^0 + 12^0 = 18 + 25 + 35 + 80 + 120 \\ &:= 1^8 + 2^5 + 3^5 + 9^0 + 11^0 = 18 + 25 + 35 + 90 + 110 \\ &:= 1^8 + 2^5 + 4^1 + 4^2 + 15^2 = 18 + 25 + 41 + 42 + 152 \\ &:= 1^8 + 2^6 + 4^2 + 5^0 + 14^2 = 18 + 26 + 42 + 50 + 142 \\ &:= 1^8 + 2^7 + 4^1 + 7^0 + 12^2 = 18 + 27 + 41 + 70 + 122 \\ &:= 1^8 + 2^8 + 3^0 + 10^1 + 10^1 = 18 + 28 + 30 + 101 + 101 \\ &:= 1^8 + 2^8 + 3^0 + 3^1 + 17^1 = 18 + 28 + 30 + 31 + 171 \\ &:= 1^8 + 2^8 + 3^0 + 4^1 + 16^1 = 18 + 28 + 30 + 41 + 161 \\ &:= 1^8 + 2^8 + 3^0 + 5^1 + 15^1 = 18 + 28 + 30 + 51 + 151 \\ &:= 1^8 + 2^8 + 3^0 + 6^1 + 14^1 = 18 + 28 + 30 + 61 + 141 \\ &:= 1^8 + 2^8 + 3^0 + 7^1 + 13^1 = 18 + 28 + 30 + 71 + 131 \\ &:= 1^8 + 2^8 + 3^0 + 8^1 + 12^1 = 18 + 28 + 30 + 81 + 121 \\ &:= 1^8 + 2^8 + 3^0 + 9^1 + 11^1 = 18 + 28 + 30 + 91 + 111 \\ &:= 1^8 + 3^2 + 3^2 + 3^5 + 16^1 = 18 + 32 + 32 + 35 + 161 \\ &:= 1^8 + 3^4 + 4^2 + 6^2 + 12^2 = 18 + 34 + 42 + 62 + 122 \\ &:= 1^8 + 4^3 + 4^3 + 7^2 + 10^2 = 18 + 43 + 43 + 72 + 102 \\ &:= 1^9 + 1^9 + 2^5 + 3^5 + 18^0 = 19 + 19 + 25 + 35 + 180 \\ &:= 1^9 + 2^0 + 2^0 + 2^8 + 19^1 = 19 + 20 + 20 + 28 + 191 \\ &:= 1^9 + 2^1 + 3^5 + 4^2 + 16^1 = 19 + 21 + 35 + 42 + 161 \\ &:= 1^9 + 2^3 + 2^3 + 5^1 + 16^2 = 19 + 23 + 23 + 51 + 162 \\ &:= 1^9 + 2^4 + 4^1 + 4^4 + 15^0 = 19 + 24 + 41 + 44 + 150 \\ &:= 1^9 + 2^4 + 4^3 + 5^0 + 14^2 = 19 + 24 + 43 + 50 + 142 \end{aligned}$$

$:= 1^9 + 3^1 + 3^4 + 7^2 + 12^2 = 19 + 31 + 34 + 72 + 122$	$:= 2^2 + 4^0 + 4^1 + 5^3 + 12^2 = 22 + 40 + 41 + 53 + 122$
$:= 1^9 + 3^1 + 3^5 + 4^2 + 15^1 = 19 + 31 + 35 + 42 + 151$	$:= 2^2 + 4^0 + 4^2 + 4^4 + 13^0 = 22 + 40 + 42 + 44 + 130$
$:= 1^9 + 3^2 + 3^3 + 4^2 + 15^2 = 19 + 32 + 33 + 42 + 152$	$:= 2^2 + 4^0 + 4^4 + 5^1 + 12^1 = 22 + 40 + 44 + 51 + 121$
$:= 1^9 + 3^3 + 3^5 + 6^1 + 13^0 = 19 + 33 + 35 + 61 + 130$	$:= 2^2 + 4^0 + 4^4 + 6^1 + 11^1 = 22 + 40 + 44 + 61 + 111$
$:= 1^9 + 3^5 + 4^1 + 4^2 + 14^1 = 19 + 35 + 41 + 42 + 141$	$:= 2^2 + 4^0 + 4^4 + 7^1 + 10^1 = 22 + 40 + 44 + 71 + 101$
$:= 1^9 + 3^5 + 4^2 + 5^1 + 13^1 = 19 + 35 + 42 + 51 + 131$	$:= 2^2 + 4^0 + 4^4 + 8^1 + 9^1 = 22 + 40 + 44 + 81 + 91$
$:= 1^9 + 3^5 + 4^2 + 6^1 + 12^1 = 19 + 35 + 42 + 61 + 121$	$:= 2^2 + 4^0 + 6^3 + 7^2 + 8^1 = 22 + 40 + 63 + 72 + 81$
$:= 1^9 + 3^5 + 4^2 + 7^1 + 11^1 = 19 + 35 + 42 + 71 + 111$	$:= 2^2 + 4^2 + 4^4 + 5^0 + 12^0 = 22 + 42 + 44 + 50 + 120$
$:= 1^9 + 3^5 + 4^2 + 8^1 + 10^1 = 19 + 35 + 42 + 81 + 101$	$:= 2^2 + 4^2 + 4^4 + 6^0 + 11^0 = 22 + 42 + 44 + 60 + 110$
$:= 1^9 + 3^5 + 4^2 + 9^1 + 9^1 = 19 + 35 + 42 + 91 + 91$	$:= 2^2 + 4^2 + 4^4 + 7^0 + 10^0 = 22 + 42 + 44 + 70 + 100$
$:= 1^9 + 4^2 + 5^3 + 5^3 + 11^1 = 19 + 42 + 53 + 53 + 111$	$:= 2^2 + 4^2 + 4^4 + 8^0 + 9^0 = 22 + 42 + 44 + 80 + 90$
$:= 1^9 + 4^2 + 5^3 + 6^2 + 10^2 = 19 + 42 + 53 + 62 + 102$	$:= 2^3 + 2^5 + 2^7 + 10^1 + 10^2 = 23 + 25 + 27 + 101 + 102$
$:= 1^9 + 4^3 + 4^3 + 5^1 + 12^2 = 19 + 43 + 43 + 51 + 122$	$:= 2^3 + 2^7 + 2^7 + 7^0 + 13^1 = 23 + 27 + 27 + 70 + 131$
$:= 1^9 + 4^3 + 5^3 + 7^1 + 9^2 = 19 + 43 + 53 + 71 + 92$	$:= 2^3 + 3^0 + 4^4 + 6^0 + 12^1 = 23 + 30 + 44 + 60 + 121$
$:= 2^0 + 2^2 + 2^4 + 5^0 + 16^2 = 20 + 22 + 24 + 50 + 162$	$:= 2^3 + 4^0 + 4^4 + 5^0 + 12^1 = 23 + 40 + 44 + 50 + 121$
$:= 2^0 + 2^2 + 4^2 + 4^4 + 15^0 = 20 + 22 + 42 + 44 + 150$	$:= 2^5 + 2^7 + 3^3 + 9^2 + 10^1 = 25 + 27 + 33 + 92 + 101$
$:= 2^0 + 2^3 + 3^2 + 4^1 + 16^2 = 20 + 23 + 32 + 41 + 162$	$:= 2^5 + 2^7 + 3^4 + 6^2 + 13^0 = 25 + 27 + 34 + 62 + 130$
$:= 2^0 + 2^3 + 4^4 + 7^0 + 12^1 = 20 + 23 + 44 + 70 + 121$	$:= 2^6 + 2^7 + 3^4 + 4^1 + 15^0 = 26 + 27 + 34 + 41 + 150$
$:= 2^0 + 3^1 + 5^3 + 7^2 + 10^2 = 20 + 31 + 53 + 72 + 102$	$:= 2^7 + 3^3 + 3^3 + 3^4 + 15^1 = 27 + 33 + 33 + 34 + 151$
$:= 2^0 + 3^5 + 5^2 + 8^1 + 9^0 = 20 + 35 + 52 + 81 + 90$	$:= 3^0 + 3^5 + 5^2 + 8^0 + 8^1 = 30 + 35 + 52 + 80 + 81$
$:= 2^0 + 4^2 + 6^2 + 6^3 + 9^1 = 20 + 42 + 62 + 63 + 91$	$:= 3^1 + 3^2 + 4^4 + 8^0 + 9^1 = 31 + 32 + 44 + 80 + 91$
$:= 2^1 + 2^2 + 4^0 + 4^4 + 15^1 = 21 + 22 + 40 + 44 + 151$	$:= 3^1 + 3^2 + 6^3 + 7^2 + 8^0 = 31 + 32 + 63 + 72 + 80$
$:= 2^1 + 2^4 + 3^1 + 4^0 + 16^2 = 21 + 24 + 31 + 40 + 162$	$:= 3^2 + 4^1 + 4^4 + 8^0 + 8^1 = 32 + 41 + 44 + 80 + 81$
$:= 2^1 + 3^1 + 4^2 + 4^4 + 14^0 = 21 + 31 + 42 + 44 + 140$	$:= 3^2 + 4^4 + 5^1 + 7^1 + 8^0 = 32 + 44 + 51 + 71 + 80$
$:= 2^1 + 3^2 + 4^4 + 8^0 + 10^1 = 21 + 32 + 44 + 80 + 101$	$:= 3^2 + 4^4 + 6^1 + 6^1 + 8^0 = 32 + 44 + 61 + 61 + 80$
$:= 2^2 + 2^4 + 3^0 + 4^0 + 16^2 = 22 + 24 + 30 + 40 + 162$	$:= 3^5 + 4^0 + 5^2 + 7^0 + 8^1 = 35 + 40 + 52 + 70 + 81$
$:= 2^2 + 3^0 + 4^2 + 4^4 + 14^0 = 22 + 30 + 42 + 44 + 140$	$:= 3^5 + 5^0 + 5^2 + 6^0 + 8^1 = 35 + 50 + 52 + 60 + 81$
$:= 2^2 + 3^1 + 4^0 + 4^4 + 14^1 = 22 + 31 + 40 + 44 + 141$	
$:= 2^2 + 4^0 + 4^1 + 4^4 + 13^1 = 22 + 40 + 41 + 44 + 131$	

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$279 := 1^4 + 4^4 + 22^1 = 14 + 44 + 221$	$:= 1^3 + 2^1 + 4^4 + 20^1 = 13 + 21 + 44 + 201$
$:= 2^8 + 3^0 + 22^1 = 28 + 30 + 221$	$:= 1^3 + 3^1 + 4^4 + 19^1 = 13 + 31 + 44 + 191$
$:= 1^0 + 1^4 + 4^4 + 21^1 = 10 + 14 + 44 + 211$	$:= 1^3 + 3^2 + 10^2 + 13^2 = 13 + 32 + 102 + 132$
$:= 1^0 + 2^8 + 3^0 + 21^1 = 10 + 28 + 30 + 211$	$:= 1^3 + 3^4 + 9^0 + 14^2 = 13 + 34 + 90 + 142$
$:= 1^1 + 1^3 + 4^4 + 21^1 = 11 + 13 + 44 + 211$	$:= 1^3 + 4^1 + 4^4 + 18^1 = 13 + 41 + 44 + 181$
$:= 1^1 + 3^5 + 4^2 + 19^1 = 11 + 35 + 42 + 191$	$:= 1^3 + 4^4 + 10^1 + 12^1 = 13 + 44 + 101 + 121$
$:= 1^2 + 1^2 + 4^4 + 21^1 = 12 + 12 + 44 + 211$	$:= 1^3 + 4^4 + 11^1 + 11^1 = 13 + 44 + 111 + 111$

$:= 1^3 + 4^4 + 5^1 + 17^1$	$= 13 + 44 + 51 + 171$	$:= 1^0 + 1^3 + 4^2 + 6^2 + 15^2$	$= 10 + 13 + 42 + 62 + 152$
$:= 1^3 + 4^4 + 6^1 + 16^1$	$= 13 + 44 + 61 + 161$	$:= 1^0 + 1^3 + 4^4 + 10^1 + 11^1$	$= 10 + 13 + 44 + 101 + 111$
$:= 1^3 + 4^4 + 7^1 + 15^1$	$= 13 + 44 + 71 + 151$	$:= 1^0 + 1^3 + 4^4 + 5^1 + 16^1$	$= 10 + 13 + 44 + 51 + 161$
$:= 1^3 + 4^4 + 8^1 + 14^1$	$= 13 + 44 + 81 + 141$	$:= 1^0 + 1^3 + 4^4 + 6^1 + 15^1$	$= 10 + 13 + 44 + 61 + 151$
$:= 1^3 + 4^4 + 9^1 + 13^1$	$= 13 + 44 + 91 + 131$	$:= 1^0 + 1^3 + 4^4 + 7^1 + 14^1$	$= 10 + 13 + 44 + 71 + 141$
$:= 1^3 + 5^3 + 9^1 + 12^2$	$= 13 + 53 + 91 + 122$	$:= 1^0 + 1^3 + 4^4 + 8^1 + 13^1$	$= 10 + 13 + 44 + 81 + 131$
$:= 1^3 + 6^3 + 7^2 + 13^1$	$= 13 + 63 + 72 + 131$	$:= 1^0 + 1^3 + 4^4 + 9^1 + 12^1$	$= 10 + 13 + 44 + 91 + 121$
$:= 1^4 + 4^1 + 7^2 + 15^2$	$= 14 + 41 + 72 + 152$	$:= 1^0 + 1^3 + 5^3 + 8^1 + 12^2$	$= 10 + 13 + 53 + 81 + 122$
$:= 1^4 + 4^2 + 6^1 + 16^2$	$= 14 + 42 + 61 + 162$	$:= 1^0 + 1^3 + 6^3 + 7^2 + 12^1$	$= 10 + 13 + 63 + 72 + 121$
$:= 1^5 + 3^0 + 9^2 + 14^2$	$= 15 + 30 + 92 + 142$	$:= 1^0 + 1^4 + 3^1 + 7^2 + 15^2$	$= 10 + 14 + 31 + 72 + 152$
$:= 2^0 + 2^0 + 2^8 + 21^1$	$= 20 + 20 + 28 + 211$	$:= 1^0 + 1^4 + 4^2 + 5^1 + 16^2$	$= 10 + 14 + 42 + 51 + 162$
$:= 2^1 + 3^5 + 4^2 + 18^1$	$= 21 + 35 + 42 + 181$	$:= 1^0 + 2^0 + 2^0 + 2^8 + 20^1$	$= 10 + 20 + 20 + 28 + 201$
$:= 2^3 + 2^3 + 7^1 + 16^2$	$= 23 + 23 + 71 + 162$	$:= 1^0 + 2^1 + 2^4 + 8^2 + 14^2$	$= 10 + 21 + 24 + 82 + 142$
$:= 2^4 + 3^1 + 8^2 + 14^2$	$= 24 + 31 + 82 + 142$	$:= 1^0 + 2^1 + 3^5 + 4^2 + 17^1$	$= 10 + 21 + 35 + 42 + 171$
$:= 2^4 + 4^4 + 6^1 + 15^0$	$= 24 + 44 + 61 + 150$	$:= 1^0 + 2^3 + 2^3 + 6^1 + 16^2$	$= 10 + 23 + 23 + 61 + 162$
$:= 3^1 + 3^5 + 4^2 + 17^1$	$= 31 + 35 + 42 + 171$	$:= 1^0 + 2^3 + 3^2 + 6^2 + 15^2$	$= 10 + 23 + 32 + 62 + 152$
$:= 3^3 + 3^5 + 8^1 + 13^0$	$= 33 + 35 + 81 + 130$	$:= 1^0 + 2^4 + 4^4 + 5^1 + 15^0$	$= 10 + 24 + 44 + 51 + 150$
$:= 3^4 + 5^1 + 7^2 + 12^2$	$= 34 + 51 + 72 + 122$	$:= 1^0 + 2^5 + 3^0 + 7^2 + 14^2$	$= 10 + 25 + 30 + 72 + 142$
$:= 3^5 + 4^1 + 4^2 + 16^1$	$= 35 + 41 + 42 + 161$	$:= 1^0 + 3^1 + 3^5 + 4^2 + 16^1$	$= 10 + 31 + 35 + 42 + 161$
$:= 3^5 + 4^2 + 10^1 + 10^1$	$= 35 + 42 + 101 + 101$	$:= 1^0 + 3^2 + 3^5 + 5^2 + 15^0$	$= 10 + 32 + 35 + 52 + 150$
$:= 3^5 + 4^2 + 5^1 + 15^1$	$= 35 + 42 + 51 + 151$	$:= 1^0 + 3^2 + 4^3 + 6^2 + 13^2$	$= 10 + 32 + 43 + 62 + 132$
$:= 3^5 + 4^2 + 6^1 + 14^1$	$= 35 + 42 + 61 + 141$	$:= 1^0 + 3^3 + 3^4 + 7^0 + 13^2$	$= 10 + 33 + 34 + 70 + 132$
$:= 3^5 + 4^2 + 7^1 + 13^1$	$= 35 + 42 + 71 + 131$	$:= 1^0 + 3^3 + 3^5 + 7^1 + 13^0$	$= 10 + 33 + 35 + 71 + 130$
$:= 3^5 + 4^2 + 8^1 + 12^1$	$= 35 + 42 + 81 + 121$	$:= 1^0 + 3^3 + 5^3 + 5^3 + 13^0$	$= 10 + 33 + 53 + 53 + 130$
$:= 3^5 + 4^2 + 9^1 + 11^1$	$= 35 + 42 + 91 + 111$	$:= 1^0 + 3^4 + 4^1 + 7^2 + 12^2$	$= 10 + 34 + 41 + 72 + 122$
$:= 4^2 + 5^3 + 5^3 + 13^1$	$= 42 + 53 + 53 + 131$	$:= 1^0 + 3^5 + 4^1 + 4^2 + 15^1$	$= 10 + 35 + 41 + 42 + 151$
$:= 4^3 + 4^3 + 7^1 + 12^2$	$= 43 + 43 + 71 + 122$	$:= 1^0 + 3^5 + 4^2 + 5^1 + 14^1$	$= 10 + 35 + 42 + 51 + 141$
$:= 4^3 + 5^3 + 9^1 + 9^2$	$= 43 + 53 + 91 + 92$	$:= 1^0 + 3^5 + 4^2 + 6^1 + 13^1$	$= 10 + 35 + 42 + 61 + 131$
$:= 1^0 + 1^0 + 1^4 + 4^4 + 20^1$	$= 10 + 10 + 14 + 44 + 201$	$:= 1^0 + 3^5 + 4^2 + 7^1 + 12^1$	$= 10 + 35 + 42 + 71 + 121$
$:= 1^0 + 1^0 + 2^8 + 3^0 + 20^1$	$= 10 + 10 + 28 + 30 + 201$	$:= 1^0 + 3^5 + 4^2 + 8^1 + 11^1$	$= 10 + 35 + 42 + 81 + 111$
$:= 1^0 + 1^1 + 1^3 + 4^4 + 20^1$	$= 10 + 11 + 13 + 44 + 201$	$:= 1^0 + 3^5 + 4^2 + 9^1 + 10^1$	$= 10 + 35 + 42 + 91 + 101$
$:= 1^0 + 1^1 + 3^5 + 4^2 + 18^1$	$= 10 + 11 + 35 + 42 + 181$	$:= 1^0 + 4^2 + 5^3 + 5^3 + 12^1$	$= 10 + 42 + 53 + 53 + 121$
$:= 1^0 + 1^2 + 1^2 + 4^4 + 20^1$	$= 10 + 12 + 12 + 44 + 201$	$:= 1^0 + 4^3 + 4^3 + 6^1 + 12^2$	$= 10 + 43 + 43 + 61 + 122$
$:= 1^0 + 1^2 + 2^3 + 10^2 + 13^2$	$= 10 + 12 + 23 + 102 + 132$	$:= 1^0 + 4^3 + 5^3 + 8^1 + 9^2$	$= 10 + 43 + 53 + 81 + 92$
$:= 1^0 + 1^2 + 3^3 + 9^2 + 13^2$	$= 10 + 12 + 33 + 92 + 132$	$:= 1^0 + 5^2 + 5^3 + 8^2 + 8^2$	$= 10 + 52 + 53 + 82 + 82$
$:= 1^0 + 1^3 + 2^1 + 4^4 + 19^1$	$= 10 + 13 + 21 + 44 + 191$	$:= 1^0 + 5^3 + 6^2 + 6^2 + 9^2$	$= 10 + 53 + 62 + 62 + 92$
$:= 1^0 + 1^3 + 3^1 + 4^4 + 18^1$	$= 10 + 13 + 31 + 44 + 181$	$:= 1^1 + 1^1 + 1^2 + 4^4 + 20^1$	$= 11 + 11 + 12 + 44 + 201$
$:= 1^0 + 1^3 + 4^1 + 4^4 + 17^1$	$= 10 + 13 + 41 + 44 + 171$	$:= 1^1 + 1^1 + 2^3 + 10^2 + 13^2$	$= 11 + 11 + 23 + 102 + 132$

$$\begin{aligned} &:= 1^1 + 1^1 + 3^3 + 9^2 + 13^2 = 11 + 11 + 33 + 92 + 132 \\ &:= 1^1 + 1^2 + 2^1 + 4^4 + 19^1 = 11 + 12 + 21 + 44 + 191 \\ &:= 1^1 + 1^2 + 3^1 + 4^4 + 18^1 = 11 + 12 + 31 + 44 + 181 \\ &:= 1^1 + 1^2 + 4^1 + 4^4 + 17^1 = 11 + 12 + 41 + 44 + 171 \\ &:= 1^1 + 1^2 + 4^2 + 6^2 + 15^2 = 11 + 12 + 42 + 62 + 152 \\ &:= 1^1 + 1^2 + 4^4 + 10^1 + 11^1 = 11 + 12 + 44 + 101 + 111 \\ &:= 1^1 + 1^2 + 4^4 + 5^1 + 16^1 = 11 + 12 + 44 + 51 + 161 \\ &:= 1^1 + 1^2 + 4^4 + 6^1 + 15^1 = 11 + 12 + 44 + 61 + 151 \\ &:= 1^1 + 1^2 + 4^4 + 7^1 + 14^1 = 11 + 12 + 44 + 71 + 141 \\ &:= 1^1 + 1^2 + 4^4 + 8^1 + 13^1 = 11 + 12 + 44 + 81 + 131 \\ &:= 1^1 + 1^2 + 4^4 + 9^1 + 12^1 = 11 + 12 + 44 + 91 + 121 \\ &:= 1^1 + 1^2 + 5^3 + 8^1 + 12^2 = 11 + 12 + 53 + 81 + 122 \\ &:= 1^1 + 1^2 + 6^3 + 7^2 + 12^1 = 11 + 12 + 63 + 72 + 121 \\ &:= 1^1 + 1^3 + 3^1 + 7^2 + 15^2 = 11 + 13 + 31 + 72 + 152 \\ &:= 1^1 + 1^3 + 4^2 + 5^1 + 16^2 = 11 + 13 + 42 + 51 + 162 \\ &:= 1^1 + 1^9 + 2^0 + 2^8 + 20^1 = 11 + 19 + 20 + 28 + 201 \\ &:= 1^1 + 2^3 + 3^2 + 5^1 + 16^2 = 11 + 23 + 32 + 51 + 162 \\ &:= 1^1 + 2^3 + 4^4 + 7^0 + 13^1 = 11 + 23 + 44 + 70 + 131 \\ &:= 1^1 + 2^3 + 5^3 + 7^0 + 12^2 = 11 + 23 + 53 + 70 + 122 \\ &:= 1^1 + 2^4 + 3^0 + 6^2 + 15^2 = 11 + 24 + 30 + 62 + 152 \\ &:= 1^1 + 3^5 + 5^2 + 9^0 + 9^1 = 11 + 35 + 52 + 90 + 91 \\ &:= 1^1 + 4^1 + 5^3 + 7^2 + 10^2 = 11 + 41 + 53 + 72 + 102 \\ &:= 1^1 + 4^2 + 6^2 + 6^3 + 10^1 = 11 + 42 + 62 + 63 + 101 \\ &:= 1^2 + 1^2 + 3^1 + 7^2 + 15^2 = 12 + 12 + 31 + 72 + 152 \\ &:= 1^2 + 1^2 + 4^2 + 5^1 + 16^2 = 12 + 12 + 42 + 51 + 162 \\ &:= 1^2 + 1^8 + 2^0 + 2^8 + 20^1 = 12 + 18 + 20 + 28 + 201 \\ &:= 1^2 + 1^9 + 1^9 + 2^8 + 20^1 = 12 + 19 + 19 + 28 + 201 \\ &:= 1^2 + 2^1 + 2^1 + 4^4 + 18^1 = 12 + 21 + 21 + 44 + 181 \\ &:= 1^2 + 2^1 + 3^1 + 4^4 + 17^1 = 12 + 21 + 31 + 44 + 171 \\ &:= 1^2 + 2^1 + 4^1 + 4^4 + 16^1 = 12 + 21 + 41 + 44 + 161 \\ &:= 1^2 + 2^1 + 4^4 + 10^1 + 10^1 = 12 + 21 + 44 + 101 + 101 \\ &:= 1^2 + 2^1 + 4^4 + 5^1 + 15^1 = 12 + 21 + 44 + 51 + 151 \\ &:= 1^2 + 2^1 + 4^4 + 6^1 + 14^1 = 12 + 21 + 44 + 61 + 141 \\ &:= 1^2 + 2^1 + 4^4 + 7^1 + 13^1 = 12 + 21 + 44 + 71 + 131 \\ &:= 1^2 + 2^1 + 4^4 + 8^1 + 12^1 = 12 + 21 + 44 + 81 + 121 \\ &:= 1^2 + 2^1 + 4^4 + 9^1 + 11^1 = 12 + 21 + 44 + 91 + 111 \\ &:= 1^2 + 2^1 + 5^3 + 7^1 + 12^2 = 12 + 21 + 53 + 71 + 122 \\ &:= 1^2 + 2^1 + 6^3 + 7^2 + 11^1 = 12 + 21 + 63 + 72 + 111 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 2^2 + 3^0 + 4^4 + 17^1 = 12 + 22 + 30 + 44 + 171 \\ &:= 1^2 + 2^4 + 3^0 + 5^1 + 16^2 = 12 + 24 + 30 + 51 + 162 \\ &:= 1^2 + 3^0 + 3^3 + 5^2 + 15^2 = 12 + 30 + 33 + 52 + 152 \\ &:= 1^2 + 3^1 + 3^1 + 4^4 + 16^1 = 12 + 31 + 31 + 44 + 161 \\ &:= 1^2 + 3^1 + 4^1 + 4^4 + 15^1 = 12 + 31 + 41 + 44 + 151 \\ &:= 1^2 + 3^1 + 4^4 + 5^1 + 14^1 = 12 + 31 + 44 + 51 + 141 \\ &:= 1^2 + 3^1 + 4^4 + 6^1 + 13^1 = 12 + 31 + 44 + 61 + 131 \\ &:= 1^2 + 3^1 + 4^4 + 7^1 + 12^1 = 12 + 31 + 44 + 71 + 121 \\ &:= 1^2 + 3^1 + 4^4 + 8^1 + 11^1 = 12 + 31 + 44 + 81 + 111 \\ &:= 1^2 + 3^1 + 4^4 + 9^1 + 10^1 = 12 + 31 + 44 + 91 + 101 \\ &:= 1^2 + 3^1 + 5^3 + 6^1 + 12^2 = 12 + 31 + 53 + 61 + 122 \\ &:= 1^2 + 3^1 + 6^3 + 7^2 + 10^1 = 12 + 31 + 63 + 72 + 101 \\ &:= 1^2 + 3^2 + 3^2 + 4^1 + 16^2 = 12 + 32 + 32 + 41 + 162 \\ &:= 1^2 + 3^2 + 4^4 + 7^0 + 12^1 = 12 + 32 + 44 + 70 + 121 \\ &:= 1^2 + 4^1 + 4^1 + 4^4 + 14^1 = 12 + 41 + 41 + 44 + 141 \\ &:= 1^2 + 4^1 + 4^4 + 5^1 + 13^1 = 12 + 41 + 44 + 51 + 131 \\ &:= 1^2 + 4^1 + 4^4 + 6^1 + 12^1 = 12 + 41 + 44 + 61 + 121 \\ &:= 1^2 + 4^1 + 4^4 + 7^1 + 11^1 = 12 + 41 + 44 + 71 + 111 \\ &:= 1^2 + 4^1 + 4^4 + 8^1 + 10^1 = 12 + 41 + 44 + 81 + 101 \\ &:= 1^2 + 4^1 + 4^4 + 9^1 + 9^1 = 12 + 41 + 44 + 91 + 91 \\ &:= 1^2 + 4^1 + 5^1 + 5^3 + 12^2 = 12 + 41 + 51 + 53 + 122 \\ &:= 1^2 + 4^1 + 6^3 + 7^2 + 9^1 = 12 + 41 + 63 + 72 + 91 \\ &:= 1^2 + 4^2 + 4^4 + 5^1 + 13^0 = 12 + 42 + 44 + 51 + 130 \\ &:= 1^2 + 4^4 + 5^1 + 5^1 + 12^1 = 12 + 44 + 51 + 51 + 121 \\ &:= 1^2 + 4^4 + 5^1 + 6^1 + 11^1 = 12 + 44 + 51 + 61 + 111 \\ &:= 1^2 + 4^4 + 5^1 + 7^1 + 10^1 = 12 + 44 + 51 + 71 + 101 \\ &:= 1^2 + 4^4 + 5^1 + 8^1 + 9^1 = 12 + 44 + 51 + 81 + 91 \\ &:= 1^2 + 4^4 + 6^1 + 6^1 + 10^1 = 12 + 44 + 61 + 61 + 101 \\ &:= 1^2 + 4^4 + 6^1 + 7^1 + 9^1 = 12 + 44 + 61 + 71 + 91 \\ &:= 1^2 + 4^4 + 6^1 + 8^1 + 8^1 = 12 + 44 + 61 + 81 + 81 \\ &:= 1^2 + 4^4 + 7^1 + 7^1 + 8^1 = 12 + 44 + 71 + 71 + 81 \\ &:= 1^2 + 5^1 + 6^3 + 7^2 + 8^1 = 12 + 51 + 63 + 72 + 81 \\ &:= 1^2 + 5^2 + 6^2 + 6^3 + 9^0 = 12 + 52 + 62 + 63 + 90 \\ &:= 1^2 + 6^1 + 6^3 + 7^1 + 7^2 = 12 + 61 + 63 + 71 + 72 \\ &:= 1^3 + 1^7 + 2^0 + 2^8 + 20^1 = 13 + 17 + 20 + 28 + 201 \\ &:= 1^3 + 1^8 + 1^9 + 2^8 + 20^1 = 13 + 18 + 19 + 28 + 201 \\ &:= 1^3 + 2^1 + 2^1 + 7^2 + 15^2 = 13 + 21 + 21 + 72 + 152 \\ &:= 1^3 + 2^1 + 4^1 + 4^2 + 16^2 = 13 + 21 + 41 + 42 + 162 \end{aligned}$$

$$\begin{aligned}
 &:= 1^3 + 3^1 + 3^1 + 4^2 + 16^2 = 13 + 31 + 31 + 42 + 162 \\
 &:= 1^4 + 1^6 + 2^0 + 2^8 + 20^1 = 14 + 16 + 20 + 28 + 201 \\
 &:= 1^4 + 1^7 + 1^9 + 2^8 + 20^1 = 14 + 17 + 19 + 28 + 201 \\
 &:= 1^4 + 1^8 + 1^8 + 2^8 + 20^1 = 14 + 18 + 18 + 28 + 201 \\
 &:= 1^5 + 1^5 + 2^0 + 2^8 + 20^1 = 15 + 15 + 20 + 28 + 201 \\
 &:= 1^5 + 1^6 + 1^9 + 2^8 + 20^1 = 15 + 16 + 19 + 28 + 201 \\
 &:= 1^5 + 1^7 + 1^8 + 2^8 + 20^1 = 15 + 17 + 18 + 28 + 201 \\
 &:= 1^6 + 1^6 + 1^8 + 2^8 + 20^1 = 16 + 16 + 18 + 28 + 201 \\
 &:= 1^6 + 1^7 + 1^7 + 2^8 + 20^1 = 16 + 17 + 17 + 28 + 201 \\
 &:= 1^6 + 2^4 + 2^8 + 5^1 + 16^0 = 16 + 24 + 28 + 51 + 160 \\
 &:= 1^7 + 2^3 + 2^8 + 8^0 + 13^1 = 17 + 23 + 28 + 80 + 131 \\
 &:= 1^8 + 2^1 + 2^5 + 3^5 + 18^0 = 18 + 21 + 25 + 35 + 180 \\
 &:= 1^8 + 2^2 + 2^8 + 4^0 + 17^1 = 18 + 22 + 28 + 40 + 171 \\
 &:= 1^8 + 2^7 + 6^0 + 7^2 + 10^2 = 18 + 27 + 60 + 72 + 102 \\
 &:= 1^8 + 2^8 + 3^2 + 8^0 + 12^1 = 18 + 28 + 32 + 80 + 121 \\
 &:= 1^8 + 2^8 + 4^2 + 5^1 + 14^0 = 18 + 28 + 42 + 51 + 140 \\
 &:= 1^9 + 2^0 + 2^1 + 2^8 + 19^1 = 19 + 20 + 21 + 28 + 191 \\
 &:= 1^9 + 2^0 + 2^4 + 3^5 + 18^1 = 19 + 20 + 24 + 35 + 181 \\
 &:= 1^9 + 2^0 + 2^8 + 10^1 + 11^1 = 19 + 20 + 28 + 101 + 111 \\
 &:= 1^9 + 2^0 + 2^8 + 3^1 + 18^1 = 19 + 20 + 28 + 31 + 181 \\
 &:= 1^9 + 2^0 + 2^8 + 4^1 + 17^1 = 19 + 20 + 28 + 41 + 171 \\
 &:= 1^9 + 2^0 + 2^8 + 5^1 + 16^1 = 19 + 20 + 28 + 51 + 161 \\
 &:= 1^9 + 2^0 + 2^8 + 6^1 + 15^1 = 19 + 20 + 28 + 61 + 151 \\
 &:= 1^9 + 2^0 + 2^8 + 7^1 + 14^1 = 19 + 20 + 28 + 71 + 141 \\
 &:= 1^9 + 2^0 + 2^8 + 8^1 + 13^1 = 19 + 20 + 28 + 81 + 131 \\
 &:= 1^9 + 2^0 + 2^8 + 9^1 + 12^1 = 19 + 20 + 28 + 91 + 121 \\
 &:= 1^9 + 2^7 + 5^1 + 6^0 + 12^2 = 19 + 27 + 51 + 60 + 122 \\
 &:= 2^0 + 2^0 + 2^5 + 7^2 + 14^2 = 20 + 20 + 25 + 72 + 142 \\
 &:= 2^0 + 2^4 + 4^4 + 5^1 + 14^0 = 20 + 24 + 44 + 51 + 140 \\
 &:= 2^0 + 3^2 + 3^5 + 5^2 + 14^0 = 20 + 32 + 35 + 52 + 140 \\
 &:= 2^0 + 3^3 + 3^4 + 6^0 + 13^2 = 20 + 33 + 34 + 60 + 132 \\
 &:= 2^0 + 3^3 + 3^5 + 7^1 + 12^0 = 20 + 33 + 35 + 71 + 120 \\
 &:= 2^0 + 3^3 + 5^3 + 5^3 + 12^0 = 20 + 33 + 53 + 53 + 120 \\
 &:= 2^1 + 2^2 + 2^4 + 5^0 + 16^2 = 21 + 22 + 24 + 50 + 162 \\
 &:= 2^1 + 2^2 + 4^2 + 4^4 + 15^0 = 21 + 22 + 42 + 44 + 150 \\
 &:= 2^1 + 2^3 + 3^2 + 4^1 + 16^2 = 21 + 23 + 32 + 41 + 162 \\
 &:= 2^1 + 2^3 + 4^4 + 7^0 + 12^1 = 21 + 23 + 44 + 70 + 121 \\
 &:= 2^1 + 3^1 + 5^3 + 7^2 + 10^2 = 21 + 31 + 53 + 72 + 102
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^1 + 3^5 + 5^2 + 8^1 + 9^0 = 21 + 35 + 52 + 81 + 90 \\
 &:= 2^1 + 4^2 + 6^2 + 6^3 + 9^1 = 21 + 42 + 62 + 63 + 91 \\
 &:= 2^2 + 2^2 + 4^4 + 5^0 + 14^1 = 22 + 22 + 44 + 50 + 141 \\
 &:= 2^2 + 3^0 + 5^3 + 7^2 + 10^2 = 22 + 30 + 53 + 72 + 102 \\
 &:= 2^2 + 3^2 + 4^4 + 9^0 + 9^1 = 22 + 32 + 44 + 90 + 91 \\
 &:= 2^2 + 3^2 + 6^3 + 7^2 + 9^0 = 22 + 32 + 63 + 72 + 90 \\
 &:= 2^3 + 3^1 + 3^1 + 3^2 + 16^2 = 23 + 31 + 31 + 32 + 162 \\
 &:= 2^3 + 3^1 + 4^4 + 7^0 + 11^1 = 23 + 31 + 44 + 70 + 111 \\
 &:= 2^3 + 4^1 + 4^4 + 7^0 + 10^1 = 23 + 41 + 44 + 70 + 101 \\
 &:= 2^3 + 4^4 + 5^1 + 7^0 + 9^1 = 23 + 44 + 51 + 70 + 91 \\
 &:= 2^3 + 4^4 + 6^1 + 7^0 + 8^1 = 23 + 44 + 61 + 70 + 81 \\
 &:= 2^3 + 4^4 + 7^0 + 7^1 + 7^1 = 23 + 44 + 70 + 71 + 71 \\
 &:= 2^3 + 5^1 + 6^3 + 7^0 + 7^2 = 23 + 51 + 63 + 70 + 72 \\
 &:= 2^4 + 2^7 + 2^7 + 6^1 + 14^0 = 24 + 27 + 27 + 61 + 140 \\
 &:= 2^4 + 3^0 + 4^4 + 5^1 + 13^0 = 24 + 30 + 44 + 51 + 130 \\
 &:= 2^4 + 4^0 + 4^4 + 5^1 + 12^0 = 24 + 40 + 44 + 51 + 120 \\
 &:= 2^4 + 4^4 + 5^0 + 5^1 + 11^0 = 24 + 44 + 50 + 51 + 110 \\
 &:= 2^4 + 4^4 + 5^1 + 6^0 + 10^0 = 24 + 44 + 51 + 60 + 100 \\
 &:= 2^4 + 4^4 + 5^1 + 7^0 + 9^0 = 24 + 44 + 51 + 70 + 90 \\
 &:= 2^4 + 4^4 + 5^1 + 8^0 + 8^0 = 24 + 44 + 51 + 80 + 80 \\
 &:= 3^0 + 3^1 + 3^4 + 5^2 + 13^2 = 30 + 31 + 34 + 52 + 132 \\
 &:= 3^0 + 3^2 + 3^2 + 4^3 + 14^2 = 30 + 32 + 32 + 43 + 142 \\
 &:= 3^0 + 3^2 + 3^5 + 5^2 + 13^0 = 30 + 32 + 35 + 52 + 130 \\
 &:= 3^0 + 3^3 + 3^4 + 5^0 + 13^2 = 30 + 33 + 34 + 50 + 132 \\
 &:= 3^0 + 3^3 + 3^5 + 7^1 + 11^0 = 30 + 33 + 35 + 71 + 110 \\
 &:= 3^0 + 3^3 + 5^1 + 5^3 + 11^2 = 30 + 33 + 51 + 53 + 112 \\
 &:= 3^0 + 3^3 + 5^2 + 6^3 + 10^1 = 30 + 33 + 52 + 63 + 101 \\
 &:= 3^0 + 3^3 + 5^3 + 5^3 + 11^0 = 30 + 33 + 53 + 53 + 110 \\
 &:= 3^0 + 4^2 + 4^2 + 5^3 + 11^2 = 30 + 42 + 42 + 53 + 112 \\
 &:= 3^1 + 3^5 + 5^2 + 7^1 + 9^0 = 31 + 35 + 52 + 71 + 90 \\
 &:= 3^1 + 4^2 + 6^2 + 6^3 + 8^1 = 31 + 42 + 62 + 63 + 81 \\
 &:= 3^1 + 5^2 + 5^3 + 5^3 + 9^0 = 31 + 52 + 53 + 53 + 90 \\
 &:= 3^2 + 3^2 + 4^1 + 4^4 + 13^0 = 32 + 32 + 41 + 44 + 130 \\
 &:= 3^2 + 3^5 + 4^0 + 5^2 + 12^0 = 32 + 35 + 40 + 52 + 120 \\
 &:= 3^2 + 3^5 + 5^0 + 5^2 + 11^0 = 32 + 35 + 50 + 52 + 110 \\
 &:= 3^2 + 3^5 + 5^2 + 6^0 + 10^0 = 32 + 35 + 52 + 60 + 100 \\
 &:= 3^2 + 3^5 + 5^2 + 7^0 + 9^0 = 32 + 35 + 52 + 70 + 90 \\
 &:= 3^2 + 3^5 + 5^2 + 8^0 + 8^0 = 32 + 35 + 52 + 80 + 80
 \end{aligned}$$

$$\begin{aligned} &:= 3^3 + 3^4 + 4^0 + 4^0 + 13^2 = 33 + 34 + 40 + 40 + 132 \\ &:= 3^3 + 3^5 + 4^0 + 7^1 + 10^0 = 33 + 35 + 40 + 71 + 100 \\ &:= 3^3 + 3^5 + 5^0 + 7^1 + 9^0 = 33 + 35 + 50 + 71 + 90 \\ &:= 3^3 + 3^5 + 6^0 + 7^1 + 8^0 = 33 + 35 + 60 + 71 + 80 \\ &:= 3^3 + 3^5 + 7^0 + 7^0 + 7^1 = 33 + 35 + 70 + 70 + 71 \\ &:= 3^3 + 4^0 + 5^3 + 5^3 + 10^0 = 33 + 40 + 53 + 53 + 100 \\ &:= 3^3 + 5^0 + 5^3 + 5^3 + 9^0 = 33 + 50 + 53 + 53 + 90 \end{aligned}$$

$$\begin{aligned} &:= 3^3 + 5^3 + 5^3 + 6^0 + 8^0 = 33 + 53 + 53 + 60 + 80 \\ &:= 3^3 + 5^3 + 5^3 + 7^0 + 7^0 = 33 + 53 + 53 + 70 + 70 \\ &:= 3^5 + 4^1 + 5^2 + 6^1 + 9^0 = 35 + 41 + 52 + 61 + 90 \\ &:= 3^5 + 5^1 + 5^1 + 5^2 + 9^0 = 35 + 51 + 51 + 52 + 90 \\ &:= 4^1 + 4^2 + 6^2 + 6^3 + 7^1 = 41 + 42 + 62 + 63 + 71 \\ &:= 4^2 + 5^1 + 6^1 + 6^2 + 6^3 = 42 + 51 + 61 + 62 + 63 \end{aligned}$$

2.2.181 Number 280

$$\begin{aligned} 280 &:= 1^1 + 2^0 + 2^8 + 22^1 = 11 + 20 + 28 + 221 \\ &:= 1^2 + 1^9 + 2^8 + 22^1 = 12 + 19 + 28 + 221 \\ &:= 1^3 + 1^8 + 2^8 + 22^1 = 13 + 18 + 28 + 221 \\ &:= 1^4 + 1^7 + 2^8 + 22^1 = 14 + 17 + 28 + 221 \\ &:= 1^5 + 1^6 + 2^8 + 22^1 = 15 + 16 + 28 + 221 \\ &:= 2^0 + 2^1 + 2^8 + 21^1 = 20 + 21 + 28 + 211 \\ &:= 2^0 + 2^4 + 3^5 + 20^1 = 20 + 24 + 35 + 201 \\ &:= 2^0 + 2^8 + 10^1 + 13^1 = 20 + 28 + 101 + 131 \\ &:= 2^0 + 2^8 + 11^1 + 12^1 = 20 + 28 + 111 + 121 \\ &:= 2^0 + 2^8 + 3^1 + 20^1 = 20 + 28 + 31 + 201 \\ &:= 2^0 + 2^8 + 4^1 + 19^1 = 20 + 28 + 41 + 191 \\ &:= 2^0 + 2^8 + 5^1 + 18^1 = 20 + 28 + 51 + 181 \\ &:= 2^0 + 2^8 + 6^1 + 17^1 = 20 + 28 + 61 + 171 \\ &:= 2^0 + 2^8 + 7^1 + 16^1 = 20 + 28 + 71 + 161 \\ &:= 2^0 + 2^8 + 8^1 + 15^1 = 20 + 28 + 81 + 151 \\ &:= 2^0 + 2^8 + 9^1 + 14^1 = 20 + 28 + 91 + 141 \\ &:= 2^7 + 6^0 + 7^1 + 12^2 = 27 + 60 + 71 + 122 \\ &:= 3^2 + 3^3 + 3^5 + 18^0 = 32 + 33 + 35 + 180 \\ &:= 1^0 + 1^1 + 2^0 + 2^8 + 21^1 = 10 + 11 + 20 + 28 + 211 \\ &:= 1^0 + 1^2 + 1^9 + 2^8 + 21^1 = 10 + 12 + 19 + 28 + 211 \\ &:= 1^0 + 1^3 + 1^8 + 2^8 + 21^1 = 10 + 13 + 18 + 28 + 211 \\ &:= 1^0 + 1^4 + 1^7 + 2^8 + 21^1 = 10 + 14 + 17 + 28 + 211 \\ &:= 1^0 + 1^4 + 3^4 + 8^0 + 14^2 = 10 + 14 + 34 + 80 + 142 \\ &:= 1^0 + 1^5 + 1^6 + 2^8 + 21^1 = 10 + 15 + 16 + 28 + 211 \\ &:= 1^0 + 1^6 + 2^0 + 9^2 + 14^2 = 10 + 16 + 20 + 92 + 142 \\ &:= 1^0 + 1^7 + 1^9 + 9^2 + 14^2 = 10 + 17 + 19 + 92 + 142 \\ &:= 1^0 + 1^8 + 1^8 + 9^2 + 14^2 = 10 + 18 + 18 + 92 + 142 \\ &:= 1^0 + 2^0 + 2^1 + 2^8 + 20^1 = 10 + 20 + 21 + 28 + 201 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 2^0 + 2^4 + 3^5 + 19^1 = 10 + 20 + 24 + 35 + 191 \\ &:= 1^0 + 2^0 + 2^8 + 10^1 + 12^1 = 10 + 20 + 28 + 101 + 121 \\ &:= 1^0 + 2^0 + 2^8 + 11^1 + 11^1 = 10 + 20 + 28 + 111 + 111 \\ &:= 1^0 + 2^0 + 2^8 + 3^1 + 19^1 = 10 + 20 + 28 + 31 + 191 \\ &:= 1^0 + 2^0 + 2^8 + 4^1 + 18^1 = 10 + 20 + 28 + 41 + 181 \\ &:= 1^0 + 2^0 + 2^8 + 5^1 + 17^1 = 10 + 20 + 28 + 51 + 171 \\ &:= 1^0 + 2^0 + 2^8 + 6^1 + 16^1 = 10 + 20 + 28 + 61 + 161 \\ &:= 1^0 + 2^0 + 2^8 + 7^1 + 15^1 = 10 + 20 + 28 + 71 + 151 \\ &:= 1^0 + 2^0 + 2^8 + 8^1 + 14^1 = 10 + 20 + 28 + 81 + 141 \\ &:= 1^0 + 2^0 + 2^8 + 9^1 + 13^1 = 10 + 20 + 28 + 91 + 131 \\ &:= 1^0 + 2^5 + 5^3 + 8^0 + 11^2 = 10 + 25 + 53 + 80 + 112 \\ &:= 1^0 + 2^7 + 6^0 + 6^1 + 12^2 = 10 + 27 + 60 + 61 + 122 \\ &:= 1^1 + 1^1 + 1^9 + 2^8 + 21^1 = 11 + 11 + 19 + 28 + 211 \\ &:= 1^1 + 1^2 + 1^8 + 2^8 + 21^1 = 11 + 12 + 18 + 28 + 211 \\ &:= 1^1 + 1^3 + 1^7 + 2^8 + 21^1 = 11 + 13 + 17 + 28 + 211 \\ &:= 1^1 + 1^3 + 3^4 + 8^0 + 14^2 = 11 + 13 + 34 + 80 + 142 \\ &:= 1^1 + 1^4 + 1^6 + 2^8 + 21^1 = 11 + 14 + 16 + 28 + 211 \\ &:= 1^1 + 1^5 + 1^5 + 2^8 + 21^1 = 11 + 15 + 15 + 28 + 211 \\ &:= 1^1 + 1^5 + 2^0 + 9^2 + 14^2 = 11 + 15 + 20 + 92 + 142 \\ &:= 1^1 + 1^6 + 1^9 + 9^2 + 14^2 = 11 + 16 + 19 + 92 + 142 \\ &:= 1^1 + 1^7 + 1^8 + 9^2 + 14^2 = 11 + 17 + 18 + 92 + 142 \\ &:= 1^1 + 1^9 + 2^1 + 2^8 + 20^1 = 11 + 19 + 21 + 28 + 201 \\ &:= 1^1 + 1^9 + 2^4 + 3^5 + 19^1 = 11 + 19 + 24 + 35 + 191 \\ &:= 1^1 + 1^9 + 2^8 + 10^1 + 12^1 = 11 + 19 + 28 + 101 + 121 \\ &:= 1^1 + 1^9 + 2^8 + 11^1 + 11^1 = 11 + 19 + 28 + 111 + 111 \\ &:= 1^1 + 1^9 + 2^8 + 3^1 + 19^1 = 11 + 19 + 28 + 31 + 191 \\ &:= 1^1 + 1^9 + 2^8 + 4^1 + 18^1 = 11 + 19 + 28 + 41 + 181 \\ &:= 1^1 + 1^9 + 2^8 + 5^1 + 17^1 = 11 + 19 + 28 + 51 + 171 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 1^9 + 2^8 + 6^1 + 16^1 = 11 + 19 + 28 + 61 + 161 \\ &:= 1^1 + 1^9 + 2^8 + 7^1 + 15^1 = 11 + 19 + 28 + 71 + 151 \\ &:= 1^1 + 1^9 + 2^8 + 8^1 + 14^1 = 11 + 19 + 28 + 81 + 141 \\ &:= 1^1 + 1^9 + 2^8 + 9^1 + 13^1 = 11 + 19 + 28 + 91 + 131 \\ &:= 1^1 + 2^4 + 4^4 + 6^1 + 14^0 = 11 + 24 + 44 + 61 + 140 \\ &:= 1^1 + 3^3 + 3^5 + 8^1 + 12^0 = 11 + 33 + 35 + 81 + 120 \\ &:= 1^2 + 1^2 + 1^7 + 2^8 + 21^1 = 12 + 12 + 17 + 28 + 211 \\ &:= 1^2 + 1^2 + 3^4 + 8^0 + 14^2 = 12 + 12 + 34 + 80 + 142 \\ &:= 1^2 + 1^3 + 1^6 + 2^8 + 21^1 = 12 + 13 + 16 + 28 + 211 \\ &:= 1^2 + 1^4 + 1^5 + 2^8 + 21^1 = 12 + 14 + 15 + 28 + 211 \\ &:= 1^2 + 1^4 + 2^0 + 9^2 + 14^2 = 12 + 14 + 20 + 92 + 142 \\ &:= 1^2 + 1^5 + 1^9 + 9^2 + 14^2 = 12 + 15 + 19 + 92 + 142 \\ &:= 1^2 + 1^6 + 1^8 + 9^2 + 14^2 = 12 + 16 + 18 + 92 + 142 \\ &:= 1^2 + 1^7 + 1^7 + 9^2 + 14^2 = 12 + 17 + 17 + 92 + 142 \\ &:= 1^2 + 1^8 + 2^1 + 2^8 + 20^1 = 12 + 18 + 21 + 28 + 201 \\ &:= 1^2 + 1^8 + 2^4 + 3^5 + 19^1 = 12 + 18 + 24 + 35 + 191 \\ &:= 1^2 + 1^8 + 2^8 + 10^1 + 12^1 = 12 + 18 + 28 + 101 + 121 \\ &:= 1^2 + 1^8 + 2^8 + 11^1 + 11^1 = 12 + 18 + 28 + 111 + 111 \\ &:= 1^2 + 1^8 + 2^8 + 3^1 + 19^1 = 12 + 18 + 28 + 31 + 191 \\ &:= 1^2 + 1^8 + 2^8 + 4^1 + 18^1 = 12 + 18 + 28 + 41 + 181 \\ &:= 1^2 + 1^8 + 2^8 + 5^1 + 17^1 = 12 + 18 + 28 + 51 + 171 \\ &:= 1^2 + 1^8 + 2^8 + 6^1 + 16^1 = 12 + 18 + 28 + 61 + 161 \\ &:= 1^2 + 1^8 + 2^8 + 7^1 + 15^1 = 12 + 18 + 28 + 71 + 151 \\ &:= 1^2 + 1^8 + 2^8 + 8^1 + 14^1 = 12 + 18 + 28 + 81 + 141 \\ &:= 1^2 + 1^8 + 2^8 + 9^1 + 13^1 = 12 + 18 + 28 + 91 + 131 \\ &:= 1^2 + 2^3 + 4^4 + 6^0 + 14^1 = 12 + 23 + 44 + 60 + 141 \\ &:= 1^2 + 3^5 + 5^2 + 8^0 + 10^1 = 12 + 35 + 52 + 80 + 101 \\ &:= 1^3 + 1^3 + 1^5 + 2^8 + 21^1 = 13 + 13 + 15 + 28 + 211 \\ &:= 1^3 + 1^3 + 2^0 + 9^2 + 14^2 = 13 + 13 + 20 + 92 + 142 \\ &:= 1^3 + 1^4 + 1^4 + 2^8 + 21^1 = 13 + 14 + 14 + 28 + 211 \\ &:= 1^3 + 1^4 + 1^9 + 9^2 + 14^2 = 13 + 14 + 19 + 92 + 142 \\ &:= 1^3 + 1^5 + 1^8 + 9^2 + 14^2 = 13 + 15 + 18 + 92 + 142 \\ &:= 1^3 + 1^6 + 1^7 + 9^2 + 14^2 = 13 + 16 + 17 + 92 + 142 \\ &:= 1^3 + 1^7 + 2^1 + 2^8 + 20^1 = 13 + 17 + 21 + 28 + 201 \\ &:= 1^3 + 1^7 + 2^4 + 3^5 + 19^1 = 13 + 17 + 24 + 35 + 191 \\ &:= 1^3 + 1^7 + 2^8 + 10^1 + 12^1 = 13 + 17 + 28 + 101 + 121 \\ &:= 1^3 + 1^7 + 2^8 + 11^1 + 11^1 = 13 + 17 + 28 + 111 + 111 \\ &:= 1^3 + 1^7 + 2^8 + 3^1 + 19^1 = 13 + 17 + 28 + 31 + 191 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 1^7 + 2^8 + 4^1 + 18^1 = 13 + 17 + 28 + 41 + 181 \\ &:= 1^3 + 1^7 + 2^8 + 5^1 + 17^1 = 13 + 17 + 28 + 51 + 171 \\ &:= 1^3 + 1^7 + 2^8 + 6^1 + 16^1 = 13 + 17 + 28 + 61 + 161 \\ &:= 1^3 + 1^7 + 2^8 + 7^1 + 15^1 = 13 + 17 + 28 + 71 + 151 \\ &:= 1^3 + 1^7 + 2^8 + 8^1 + 14^1 = 13 + 17 + 28 + 81 + 141 \\ &:= 1^3 + 1^7 + 2^8 + 9^1 + 13^1 = 13 + 17 + 28 + 91 + 131 \\ &:= 1^3 + 2^0 + 2^2 + 4^4 + 18^1 = 13 + 20 + 22 + 44 + 181 \\ &:= 1^3 + 2^0 + 2^4 + 6^1 + 16^2 = 13 + 20 + 24 + 61 + 162 \\ &:= 1^3 + 2^2 + 2^7 + 2^7 + 19^1 = 13 + 22 + 27 + 27 + 191 \\ &:= 1^3 + 3^2 + 4^4 + 6^0 + 13^1 = 13 + 32 + 44 + 60 + 131 \\ &:= 1^3 + 3^2 + 5^3 + 6^0 + 12^2 = 13 + 32 + 53 + 60 + 122 \\ &:= 1^3 + 4^2 + 4^4 + 6^1 + 12^0 = 13 + 42 + 44 + 61 + 120 \\ &:= 1^4 + 1^4 + 1^8 + 9^2 + 14^2 = 14 + 14 + 18 + 92 + 142 \\ &:= 1^4 + 1^5 + 1^7 + 9^2 + 14^2 = 14 + 15 + 17 + 92 + 142 \\ &:= 1^4 + 1^6 + 1^6 + 9^2 + 14^2 = 14 + 16 + 16 + 92 + 142 \\ &:= 1^4 + 1^6 + 2^1 + 2^8 + 20^1 = 14 + 16 + 21 + 28 + 201 \\ &:= 1^4 + 1^6 + 2^4 + 3^5 + 19^1 = 14 + 16 + 24 + 35 + 191 \\ &:= 1^4 + 1^6 + 2^8 + 10^1 + 12^1 = 14 + 16 + 28 + 101 + 121 \\ &:= 1^4 + 1^6 + 2^8 + 11^1 + 11^1 = 14 + 16 + 28 + 111 + 111 \\ &:= 1^4 + 1^6 + 2^8 + 3^1 + 19^1 = 14 + 16 + 28 + 31 + 191 \\ &:= 1^4 + 1^6 + 2^8 + 4^1 + 18^1 = 14 + 16 + 28 + 41 + 181 \\ &:= 1^4 + 1^6 + 2^8 + 5^1 + 17^1 = 14 + 16 + 28 + 51 + 171 \\ &:= 1^4 + 1^6 + 2^8 + 6^1 + 16^1 = 14 + 16 + 28 + 61 + 161 \\ &:= 1^4 + 1^6 + 2^8 + 7^1 + 15^1 = 14 + 16 + 28 + 71 + 151 \\ &:= 1^4 + 1^6 + 2^8 + 8^1 + 14^1 = 14 + 16 + 28 + 81 + 141 \\ &:= 1^4 + 1^6 + 2^8 + 9^1 + 13^1 = 14 + 16 + 28 + 91 + 131 \\ &:= 1^4 + 1^9 + 2^2 + 4^4 + 18^1 = 14 + 19 + 22 + 44 + 181 \\ &:= 1^4 + 1^9 + 2^4 + 6^1 + 16^2 = 14 + 19 + 24 + 61 + 162 \\ &:= 1^4 + 2^0 + 2^2 + 7^2 + 15^2 = 14 + 20 + 22 + 72 + 152 \\ &:= 1^4 + 2^0 + 3^4 + 7^0 + 14^2 = 14 + 20 + 34 + 70 + 142 \\ &:= 1^4 + 3^0 + 3^4 + 6^0 + 14^2 = 14 + 30 + 34 + 60 + 142 \\ &:= 1^4 + 3^4 + 4^0 + 5^0 + 14^2 = 14 + 34 + 40 + 50 + 142 \\ &:= 1^5 + 1^5 + 1^6 + 9^2 + 14^2 = 15 + 15 + 16 + 92 + 142 \\ &:= 1^5 + 1^5 + 2^1 + 2^8 + 20^1 = 15 + 15 + 21 + 28 + 201 \\ &:= 1^5 + 1^5 + 2^4 + 3^5 + 19^1 = 15 + 15 + 24 + 35 + 191 \\ &:= 1^5 + 1^5 + 2^8 + 10^1 + 12^1 = 15 + 15 + 28 + 101 + 121 \\ &:= 1^5 + 1^5 + 2^8 + 11^1 + 11^1 = 15 + 15 + 28 + 111 + 111 \\ &:= 1^5 + 1^5 + 2^8 + 3^1 + 19^1 = 15 + 15 + 28 + 31 + 191 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^5 + 2^8 + 4^1 + 18^1 = 15 + 15 + 28 + 41 + 181 \\ &:= 1^5 + 1^5 + 2^8 + 5^1 + 17^1 = 15 + 15 + 28 + 51 + 171 \\ &:= 1^5 + 1^5 + 2^8 + 6^1 + 16^1 = 15 + 15 + 28 + 61 + 161 \\ &:= 1^5 + 1^5 + 2^8 + 7^1 + 15^1 = 15 + 15 + 28 + 71 + 151 \\ &:= 1^5 + 1^5 + 2^8 + 8^1 + 14^1 = 15 + 15 + 28 + 81 + 141 \\ &:= 1^5 + 1^5 + 2^8 + 9^1 + 13^1 = 15 + 15 + 28 + 91 + 131 \\ &:= 1^5 + 1^8 + 2^2 + 4^4 + 18^1 = 15 + 18 + 22 + 44 + 181 \\ &:= 1^5 + 1^8 + 2^4 + 6^1 + 16^2 = 15 + 18 + 24 + 61 + 162 \\ &:= 1^5 + 1^9 + 2^2 + 7^2 + 15^2 = 15 + 19 + 22 + 72 + 152 \\ &:= 1^5 + 1^9 + 3^4 + 7^0 + 14^2 = 15 + 19 + 34 + 70 + 142 \\ &:= 1^6 + 1^7 + 2^2 + 4^4 + 18^1 = 16 + 17 + 22 + 44 + 181 \\ &:= 1^6 + 1^7 + 2^4 + 6^1 + 16^2 = 16 + 17 + 24 + 61 + 162 \\ &:= 1^6 + 1^8 + 2^2 + 7^2 + 15^2 = 16 + 18 + 22 + 72 + 152 \\ &:= 1^6 + 1^8 + 3^4 + 7^0 + 14^2 = 16 + 18 + 34 + 70 + 142 \\ &:= 1^7 + 1^7 + 2^2 + 7^2 + 15^2 = 17 + 17 + 22 + 72 + 152 \\ &:= 1^7 + 1^7 + 3^4 + 7^0 + 14^2 = 17 + 17 + 34 + 70 + 142 \\ &:= 1^7 + 2^4 + 2^5 + 6^3 + 15^1 = 17 + 24 + 25 + 63 + 151 \\ &:= 1^7 + 2^4 + 2^8 + 6^1 + 15^0 = 17 + 24 + 28 + 61 + 150 \\ &:= 1^8 + 2^3 + 2^8 + 7^0 + 14^1 = 18 + 23 + 28 + 70 + 141 \\ &:= 1^8 + 2^4 + 2^5 + 6^1 + 15^2 = 18 + 24 + 25 + 61 + 152 \\ &:= 1^8 + 2^6 + 4^3 + 7^1 + 12^2 = 18 + 26 + 43 + 71 + 122 \\ &:= 1^8 + 2^6 + 5^3 + 9^1 + 9^2 = 18 + 26 + 53 + 91 + 92 \\ &:= 1^8 + 2^7 + 5^2 + 5^3 + 13^0 = 18 + 27 + 52 + 53 + 130 \\ &:= 1^8 + 2^7 + 6^1 + 8^2 + 9^2 = 18 + 27 + 61 + 82 + 92 \\ &:= 1^9 + 2^1 + 2^1 + 2^8 + 19^1 = 19 + 21 + 21 + 28 + 191 \\ &:= 1^9 + 2^1 + 2^4 + 3^5 + 18^1 = 19 + 21 + 24 + 35 + 181 \\ &:= 1^9 + 2^1 + 2^8 + 10^1 + 11^1 = 19 + 21 + 28 + 101 + 111 \\ &:= 1^9 + 2^1 + 2^8 + 3^1 + 18^1 = 19 + 21 + 28 + 31 + 181 \\ &:= 1^9 + 2^1 + 2^8 + 4^1 + 17^1 = 19 + 21 + 28 + 41 + 171 \\ &:= 1^9 + 2^1 + 2^8 + 5^1 + 16^1 = 19 + 21 + 28 + 51 + 161 \\ &:= 1^9 + 2^1 + 2^8 + 6^1 + 15^1 = 19 + 21 + 28 + 61 + 151 \\ &:= 1^9 + 2^1 + 2^8 + 7^1 + 14^1 = 19 + 21 + 28 + 71 + 141 \\ &:= 1^9 + 2^1 + 2^8 + 8^1 + 13^1 = 19 + 21 + 28 + 81 + 131 \\ &:= 1^9 + 2^1 + 2^8 + 9^1 + 12^1 = 19 + 21 + 28 + 91 + 121 \\ &:= 1^9 + 2^2 + 2^8 + 3^0 + 18^1 = 19 + 22 + 28 + 30 + 181 \\ &:= 1^9 + 2^3 + 3^3 + 3^5 + 17^0 = 19 + 23 + 33 + 35 + 170 \\ &:= 1^9 + 2^4 + 3^1 + 3^5 + 17^1 = 19 + 24 + 31 + 35 + 171 \\ &:= 1^9 + 2^4 + 3^5 + 10^1 + 10^1 = 19 + 24 + 35 + 101 + 101 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^4 + 3^5 + 4^1 + 16^1 = 19 + 24 + 35 + 41 + 161 \\ &:= 1^9 + 2^4 + 3^5 + 5^1 + 15^1 = 19 + 24 + 35 + 51 + 151 \\ &:= 1^9 + 2^4 + 3^5 + 6^1 + 14^1 = 19 + 24 + 35 + 61 + 141 \\ &:= 1^9 + 2^4 + 3^5 + 7^1 + 13^1 = 19 + 24 + 35 + 71 + 131 \\ &:= 1^9 + 2^4 + 3^5 + 8^1 + 12^1 = 19 + 24 + 35 + 81 + 121 \\ &:= 1^9 + 2^4 + 3^5 + 9^1 + 11^1 = 19 + 24 + 35 + 91 + 111 \\ &:= 1^9 + 2^4 + 5^3 + 5^3 + 13^1 = 19 + 24 + 53 + 53 + 131 \\ &:= 1^9 + 2^5 + 3^1 + 3^5 + 17^0 = 19 + 25 + 31 + 35 + 170 \\ &:= 1^9 + 2^8 + 3^1 + 10^1 + 10^1 = 19 + 28 + 31 + 101 + 101 \\ &:= 1^9 + 2^8 + 3^1 + 3^1 + 17^1 = 19 + 28 + 31 + 31 + 171 \\ &:= 1^9 + 2^8 + 3^1 + 4^1 + 16^1 = 19 + 28 + 31 + 41 + 161 \\ &:= 1^9 + 2^8 + 3^1 + 5^1 + 15^1 = 19 + 28 + 31 + 51 + 151 \\ &:= 1^9 + 2^8 + 3^1 + 6^1 + 14^1 = 19 + 28 + 31 + 61 + 141 \\ &:= 1^9 + 2^8 + 3^1 + 7^1 + 13^1 = 19 + 28 + 31 + 71 + 131 \\ &:= 1^9 + 2^8 + 3^1 + 8^1 + 12^1 = 19 + 28 + 31 + 81 + 121 \\ &:= 1^9 + 2^8 + 3^1 + 9^1 + 11^1 = 19 + 28 + 31 + 91 + 111 \\ &:= 1^9 + 2^8 + 3^2 + 7^0 + 13^1 = 19 + 28 + 32 + 70 + 131 \\ &:= 1^9 + 2^8 + 4^1 + 4^1 + 15^1 = 19 + 28 + 41 + 41 + 151 \\ &:= 1^9 + 2^8 + 4^1 + 5^1 + 14^1 = 19 + 28 + 41 + 51 + 141 \\ &:= 1^9 + 2^8 + 4^1 + 6^1 + 13^1 = 19 + 28 + 41 + 61 + 131 \\ &:= 1^9 + 2^8 + 4^1 + 7^1 + 12^1 = 19 + 28 + 41 + 71 + 121 \\ &:= 1^9 + 2^8 + 4^1 + 8^1 + 11^1 = 19 + 28 + 41 + 81 + 111 \\ &:= 1^9 + 2^8 + 4^1 + 9^1 + 10^1 = 19 + 28 + 41 + 91 + 101 \\ &:= 1^9 + 2^8 + 4^2 + 6^1 + 13^0 = 19 + 28 + 42 + 61 + 130 \\ &:= 1^9 + 2^8 + 5^1 + 5^1 + 13^1 = 19 + 28 + 51 + 51 + 131 \\ &:= 1^9 + 2^8 + 5^1 + 6^1 + 12^1 = 19 + 28 + 51 + 61 + 121 \\ &:= 1^9 + 2^8 + 5^1 + 7^1 + 11^1 = 19 + 28 + 51 + 71 + 111 \\ &:= 1^9 + 2^8 + 5^1 + 8^1 + 10^1 = 19 + 28 + 51 + 81 + 101 \\ &:= 1^9 + 2^8 + 5^1 + 9^1 + 9^1 = 19 + 28 + 51 + 91 + 91 \\ &:= 1^9 + 2^8 + 6^1 + 6^1 + 11^1 = 19 + 28 + 61 + 61 + 111 \\ &:= 1^9 + 2^8 + 6^1 + 7^1 + 10^1 = 19 + 28 + 61 + 71 + 101 \\ &:= 1^9 + 2^8 + 6^1 + 8^1 + 9^1 = 19 + 28 + 61 + 81 + 91 \\ &:= 1^9 + 2^8 + 7^1 + 7^1 + 9^1 = 19 + 28 + 71 + 71 + 91 \\ &:= 1^9 + 2^8 + 7^1 + 8^1 + 8^1 = 19 + 28 + 71 + 81 + 81 \\ &:= 2^0 + 2^1 + 2^5 + 7^2 + 14^2 = 20 + 21 + 25 + 72 + 142 \\ &:= 2^0 + 2^2 + 3^5 + 4^2 + 16^1 = 20 + 22 + 35 + 42 + 161 \\ &:= 2^0 + 2^4 + 6^2 + 6^3 + 11^1 = 20 + 24 + 62 + 63 + 111 \\ &:= 2^0 + 2^5 + 5^3 + 7^0 + 11^2 = 20 + 25 + 53 + 70 + 112 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^7 + 5^0 + 6^1 + 12^2 = 20 + 27 + 50 + 61 + 122 \\
 &:= 2^0 + 3^4 + 5^3 + 8^2 + 9^1 = 20 + 34 + 53 + 82 + 91 \\
 &:= 2^1 + 2^4 + 4^4 + 5^1 + 14^0 = 21 + 24 + 44 + 51 + 140 \\
 &:= 2^1 + 3^2 + 3^5 + 5^2 + 14^0 = 21 + 32 + 35 + 52 + 140 \\
 &:= 2^1 + 3^3 + 3^4 + 6^0 + 13^2 = 21 + 33 + 34 + 60 + 132 \\
 &:= 2^1 + 3^3 + 3^5 + 7^1 + 12^0 = 21 + 33 + 35 + 71 + 120 \\
 &:= 2^1 + 3^3 + 5^3 + 5^3 + 12^0 = 21 + 33 + 53 + 53 + 120 \\
 &:= 2^2 + 2^3 + 4^4 + 8^0 + 11^1 = 22 + 23 + 44 + 80 + 111 \\
 &:= 2^2 + 3^4 + 4^0 + 5^2 + 13^2 = 22 + 34 + 40 + 52 + 132 \\
 &:= 2^2 + 3^5 + 5^2 + 7^1 + 10^0 = 22 + 35 + 52 + 71 + 100 \\
 &:= 2^2 + 5^2 + 5^3 + 5^3 + 10^0 = 22 + 52 + 53 + 53 + 100 \\
 &:= 2^3 + 2^6 + 2^7 + 4^3 + 16^1 = 23 + 26 + 27 + 43 + 161 \\
 &:= 2^3 + 3^2 + 4^4 + 6^1 + 12^0 = 23 + 32 + 44 + 61 + 120
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 4^0 + 5^2 + 5^3 + 11^2 = 23 + 40 + 52 + 53 + 112 \\
 &:= 2^4 + 3^1 + 4^0 + 4^3 + 14^2 = 24 + 31 + 40 + 43 + 142 \\
 &:= 2^4 + 3^1 + 4^1 + 4^4 + 14^0 = 24 + 31 + 41 + 44 + 140 \\
 &:= 2^5 + 3^0 + 5^3 + 6^0 + 11^2 = 25 + 30 + 53 + 60 + 112 \\
 &:= 2^5 + 4^0 + 5^0 + 5^3 + 11^2 = 25 + 40 + 50 + 53 + 112 \\
 &:= 2^7 + 3^0 + 4^0 + 6^1 + 12^2 = 27 + 30 + 40 + 61 + 122 \\
 &:= 3^1 + 3^3 + 3^5 + 6^1 + 12^0 = 31 + 33 + 35 + 61 + 120 \\
 &:= 3^2 + 3^5 + 4^2 + 6^0 + 11^1 = 32 + 35 + 42 + 60 + 111 \\
 &:= 3^2 + 4^3 + 5^3 + 6^0 + 9^2 = 32 + 43 + 53 + 60 + 92 \\
 &:= 3^3 + 3^3 + 6^0 + 6^3 + 9^1 = 33 + 33 + 60 + 63 + 91 \\
 &:= 3^3 + 3^5 + 4^1 + 5^1 + 12^0 = 33 + 35 + 41 + 51 + 120 \\
 &:= 3^5 + 4^1 + 4^2 + 4^2 + 12^0 = 35 + 41 + 42 + 42 + 120
 \end{aligned}$$

2.2.182 Number 281

$$\begin{aligned}
 281 &:= 1^2 + 2^8 + 24^1 = 12 + 28 + 241 \\
 &:= 1^0 + 1^2 + 2^8 + 23^1 = 10 + 12 + 28 + 231 \\
 &:= 1^1 + 1^1 + 2^8 + 23^1 = 11 + 11 + 28 + 231 \\
 &:= 1^1 + 2^1 + 2^8 + 22^1 = 11 + 21 + 28 + 221 \\
 &:= 1^1 + 2^4 + 3^5 + 21^1 = 11 + 24 + 35 + 211 \\
 &:= 1^1 + 2^8 + 10^1 + 14^1 = 11 + 28 + 101 + 141 \\
 &:= 1^1 + 2^8 + 11^1 + 13^1 = 11 + 28 + 111 + 131 \\
 &:= 1^1 + 2^8 + 12^1 + 12^1 = 11 + 28 + 121 + 121 \\
 &:= 1^1 + 2^8 + 3^1 + 21^1 = 11 + 28 + 31 + 211 \\
 &:= 1^1 + 2^8 + 4^1 + 20^1 = 11 + 28 + 41 + 201 \\
 &:= 1^1 + 2^8 + 5^1 + 19^1 = 11 + 28 + 51 + 191 \\
 &:= 1^1 + 2^8 + 6^1 + 18^1 = 11 + 28 + 61 + 181 \\
 &:= 1^1 + 2^8 + 7^1 + 17^1 = 11 + 28 + 71 + 171 \\
 &:= 1^1 + 2^8 + 8^1 + 16^1 = 11 + 28 + 81 + 161 \\
 &:= 1^1 + 2^8 + 9^1 + 15^1 = 11 + 28 + 91 + 151 \\
 &:= 1^4 + 2^2 + 4^4 + 20^1 = 14 + 22 + 44 + 201 \\
 &:= 1^4 + 2^4 + 8^1 + 16^2 = 14 + 24 + 81 + 162 \\
 &:= 1^4 + 3^5 + 6^2 + 17^0 = 14 + 35 + 62 + 170 \\
 &:= 1^6 + 3^1 + 9^2 + 14^2 = 16 + 31 + 92 + 142 \\
 &:= 2^1 + 2^1 + 2^8 + 21^1 = 21 + 21 + 28 + 211 \\
 &:= 2^1 + 2^4 + 3^5 + 20^1 = 21 + 24 + 35 + 201 \\
 &:= 2^1 + 2^8 + 10^1 + 13^1 = 21 + 28 + 101 + 131
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^1 + 2^8 + 11^1 + 12^1 = 21 + 28 + 111 + 121 \\
 &:= 2^1 + 2^8 + 3^1 + 20^1 = 21 + 28 + 31 + 201 \\
 &:= 2^1 + 2^8 + 4^1 + 19^1 = 21 + 28 + 41 + 191 \\
 &:= 2^1 + 2^8 + 5^1 + 18^1 = 21 + 28 + 51 + 181 \\
 &:= 2^1 + 2^8 + 6^1 + 17^1 = 21 + 28 + 61 + 171 \\
 &:= 2^1 + 2^8 + 7^1 + 16^1 = 21 + 28 + 71 + 161 \\
 &:= 2^1 + 2^8 + 8^1 + 15^1 = 21 + 28 + 81 + 151 \\
 &:= 2^1 + 2^8 + 9^1 + 14^1 = 21 + 28 + 91 + 141 \\
 &:= 2^2 + 2^8 + 3^0 + 20^1 = 22 + 28 + 30 + 201 \\
 &:= 2^3 + 2^4 + 4^4 + 19^0 = 23 + 24 + 44 + 190 \\
 &:= 2^4 + 3^1 + 3^5 + 19^1 = 24 + 31 + 35 + 191 \\
 &:= 2^4 + 3^5 + 10^1 + 12^1 = 24 + 35 + 101 + 121 \\
 &:= 2^4 + 3^5 + 11^1 + 11^1 = 24 + 35 + 111 + 111 \\
 &:= 2^4 + 3^5 + 4^1 + 18^1 = 24 + 35 + 41 + 181 \\
 &:= 2^4 + 3^5 + 5^1 + 17^1 = 24 + 35 + 51 + 171 \\
 &:= 2^4 + 3^5 + 6^1 + 16^1 = 24 + 35 + 61 + 161 \\
 &:= 2^4 + 3^5 + 7^1 + 15^1 = 24 + 35 + 71 + 151 \\
 &:= 2^4 + 3^5 + 8^1 + 14^1 = 24 + 35 + 81 + 141 \\
 &:= 2^4 + 3^5 + 9^1 + 13^1 = 24 + 35 + 91 + 131 \\
 &:= 2^4 + 5^3 + 5^3 + 15^1 = 24 + 53 + 53 + 151 \\
 &:= 2^5 + 3^5 + 5^1 + 17^0 = 25 + 35 + 51 + 170 \\
 &:= 2^5 + 4^2 + 8^2 + 13^2 = 25 + 42 + 82 + 132
 \end{aligned}$$

$:= 2^8 + 3^1 + 10^1 + 12^1$	$= 28 + 31 + 101 + 121$	$:= 1^0 + 1^1 + 2^8 + 3^1 + 20^1$	$= 10 + 11 + 28 + 31 + 201$
$:= 2^8 + 3^1 + 11^1 + 11^1$	$= 28 + 31 + 111 + 111$	$:= 1^0 + 1^1 + 2^8 + 4^1 + 19^1$	$= 10 + 11 + 28 + 41 + 191$
$:= 2^8 + 3^1 + 3^1 + 19^1$	$= 28 + 31 + 31 + 191$	$:= 1^0 + 1^1 + 2^8 + 5^1 + 18^1$	$= 10 + 11 + 28 + 51 + 181$
$:= 2^8 + 3^1 + 4^1 + 18^1$	$= 28 + 31 + 41 + 181$	$:= 1^0 + 1^1 + 2^8 + 6^1 + 17^1$	$= 10 + 11 + 28 + 61 + 171$
$:= 2^8 + 3^1 + 5^1 + 17^1$	$= 28 + 31 + 51 + 171$	$:= 1^0 + 1^1 + 2^8 + 7^1 + 16^1$	$= 10 + 11 + 28 + 71 + 161$
$:= 2^8 + 3^1 + 6^1 + 16^1$	$= 28 + 31 + 61 + 161$	$:= 1^0 + 1^1 + 2^8 + 8^1 + 15^1$	$= 10 + 11 + 28 + 81 + 151$
$:= 2^8 + 3^1 + 7^1 + 15^1$	$= 28 + 31 + 71 + 151$	$:= 1^0 + 1^1 + 2^8 + 9^1 + 14^1$	$= 10 + 11 + 28 + 91 + 141$
$:= 2^8 + 3^1 + 8^1 + 14^1$	$= 28 + 31 + 81 + 141$	$:= 1^0 + 1^4 + 2^2 + 4^4 + 19^1$	$= 10 + 14 + 22 + 44 + 191$
$:= 2^8 + 3^1 + 9^1 + 13^1$	$= 28 + 31 + 91 + 131$	$:= 1^0 + 1^4 + 2^4 + 7^1 + 16^2$	$= 10 + 14 + 24 + 71 + 162$
$:= 2^8 + 3^2 + 7^0 + 15^1$	$= 28 + 32 + 70 + 151$	$:= 1^0 + 1^6 + 2^1 + 9^2 + 14^2$	$= 10 + 16 + 21 + 92 + 142$
$:= 2^8 + 4^1 + 10^1 + 11^1$	$= 28 + 41 + 101 + 111$	$:= 1^0 + 2^1 + 2^1 + 2^8 + 20^1$	$= 10 + 21 + 21 + 28 + 201$
$:= 2^8 + 4^1 + 4^1 + 17^1$	$= 28 + 41 + 41 + 171$	$:= 1^0 + 2^1 + 2^4 + 3^5 + 19^1$	$= 10 + 21 + 24 + 35 + 191$
$:= 2^8 + 4^1 + 5^1 + 16^1$	$= 28 + 41 + 51 + 161$	$:= 1^0 + 2^1 + 2^8 + 10^1 + 12^1$	$= 10 + 21 + 28 + 101 + 121$
$:= 2^8 + 4^1 + 6^1 + 15^1$	$= 28 + 41 + 61 + 151$	$:= 1^0 + 2^1 + 2^8 + 11^1 + 11^1$	$= 10 + 21 + 28 + 111 + 111$
$:= 2^8 + 4^1 + 7^1 + 14^1$	$= 28 + 41 + 71 + 141$	$:= 1^0 + 2^1 + 2^8 + 3^1 + 19^1$	$= 10 + 21 + 28 + 31 + 191$
$:= 2^8 + 4^1 + 8^1 + 13^1$	$= 28 + 41 + 81 + 131$	$:= 1^0 + 2^1 + 2^8 + 4^1 + 18^1$	$= 10 + 21 + 28 + 41 + 181$
$:= 2^8 + 4^1 + 9^1 + 12^1$	$= 28 + 41 + 91 + 121$	$:= 1^0 + 2^1 + 2^8 + 5^1 + 17^1$	$= 10 + 21 + 28 + 51 + 171$
$:= 2^8 + 4^2 + 8^1 + 13^0$	$= 28 + 42 + 81 + 130$	$:= 1^0 + 2^1 + 2^8 + 6^1 + 16^1$	$= 10 + 21 + 28 + 61 + 161$
$:= 2^8 + 5^1 + 10^1 + 10^1$	$= 28 + 51 + 101 + 101$	$:= 1^0 + 2^1 + 2^8 + 7^1 + 15^1$	$= 10 + 21 + 28 + 71 + 151$
$:= 2^8 + 5^1 + 5^1 + 15^1$	$= 28 + 51 + 51 + 151$	$:= 1^0 + 2^1 + 2^8 + 8^1 + 14^1$	$= 10 + 21 + 28 + 81 + 141$
$:= 2^8 + 5^1 + 6^1 + 14^1$	$= 28 + 51 + 61 + 141$	$:= 1^0 + 2^1 + 2^8 + 9^1 + 13^1$	$= 10 + 21 + 28 + 91 + 131$
$:= 2^8 + 5^1 + 7^1 + 13^1$	$= 28 + 51 + 71 + 131$	$:= 1^0 + 2^2 + 2^5 + 10^2 + 12^2$	$= 10 + 22 + 25 + 102 + 122$
$:= 2^8 + 5^1 + 8^1 + 12^1$	$= 28 + 51 + 81 + 121$	$:= 1^0 + 2^2 + 2^8 + 3^0 + 19^1$	$= 10 + 22 + 28 + 30 + 191$
$:= 2^8 + 5^1 + 9^1 + 11^1$	$= 28 + 51 + 91 + 111$	$:= 1^0 + 2^4 + 3^1 + 3^5 + 18^1$	$= 10 + 24 + 31 + 35 + 181$
$:= 2^8 + 6^1 + 6^1 + 13^1$	$= 28 + 61 + 61 + 131$	$:= 1^0 + 2^4 + 3^5 + 10^1 + 11^1$	$= 10 + 24 + 35 + 101 + 111$
$:= 2^8 + 6^1 + 7^1 + 12^1$	$= 28 + 61 + 71 + 121$	$:= 1^0 + 2^4 + 3^5 + 4^1 + 17^1$	$= 10 + 24 + 35 + 41 + 171$
$:= 2^8 + 6^1 + 8^1 + 11^1$	$= 28 + 61 + 81 + 111$	$:= 1^0 + 2^4 + 3^5 + 5^1 + 16^1$	$= 10 + 24 + 35 + 51 + 161$
$:= 2^8 + 6^1 + 9^1 + 10^1$	$= 28 + 61 + 91 + 101$	$:= 1^0 + 2^4 + 3^5 + 6^1 + 15^1$	$= 10 + 24 + 35 + 61 + 151$
$:= 2^8 + 7^1 + 7^1 + 11^1$	$= 28 + 71 + 71 + 111$	$:= 1^0 + 2^4 + 3^5 + 7^1 + 14^1$	$= 10 + 24 + 35 + 71 + 141$
$:= 2^8 + 7^1 + 8^1 + 10^1$	$= 28 + 71 + 81 + 101$	$:= 1^0 + 2^4 + 3^5 + 8^1 + 13^1$	$= 10 + 24 + 35 + 81 + 131$
$:= 2^8 + 7^1 + 9^1 + 9^1$	$= 28 + 71 + 91 + 91$	$:= 1^0 + 2^4 + 3^5 + 9^1 + 12^1$	$= 10 + 24 + 35 + 91 + 121$
$:= 2^8 + 8^1 + 8^1 + 9^1$	$= 28 + 81 + 81 + 91$	$:= 1^0 + 2^4 + 4^3 + 10^2 + 10^2$	$= 10 + 24 + 43 + 102 + 102$
$:= 1^0 + 1^0 + 1^2 + 2^8 + 22^1$	$= 10 + 10 + 12 + 28 + 221$	$:= 1^0 + 2^4 + 5^3 + 5^3 + 14^1$	$= 10 + 24 + 53 + 53 + 141$
$:= 1^0 + 1^1 + 1^1 + 2^8 + 22^1$	$= 10 + 11 + 11 + 28 + 221$	$:= 1^0 + 2^5 + 3^5 + 4^1 + 17^0$	$= 10 + 25 + 35 + 41 + 170$
$:= 1^0 + 1^1 + 2^1 + 2^8 + 21^1$	$= 10 + 11 + 21 + 28 + 211$	$:= 1^0 + 2^5 + 4^2 + 6^2 + 14^2$	$= 10 + 25 + 42 + 62 + 142$
$:= 1^0 + 1^1 + 2^4 + 3^5 + 20^1$	$= 10 + 11 + 24 + 35 + 201$	$:= 1^0 + 2^8 + 3^1 + 10^1 + 11^1$	$= 10 + 28 + 31 + 101 + 111$
$:= 1^0 + 1^1 + 2^8 + 10^1 + 13^1$	$= 10 + 11 + 28 + 101 + 131$	$:= 1^0 + 2^8 + 3^1 + 3^1 + 18^1$	$= 10 + 28 + 31 + 31 + 181$
$:= 1^0 + 1^1 + 2^8 + 11^1 + 12^1$	$= 10 + 11 + 28 + 111 + 121$	$:= 1^0 + 2^8 + 3^1 + 4^1 + 17^1$	$= 10 + 28 + 31 + 41 + 171$

$$\begin{aligned} &:= 1^0 + 2^8 + 3^1 + 5^1 + 16^1 = 10 + 28 + 31 + 51 + 161 \\ &:= 1^0 + 2^8 + 3^1 + 6^1 + 15^1 = 10 + 28 + 31 + 61 + 151 \\ &:= 1^0 + 2^8 + 3^1 + 7^1 + 14^1 = 10 + 28 + 31 + 71 + 141 \\ &:= 1^0 + 2^8 + 3^1 + 8^1 + 13^1 = 10 + 28 + 31 + 81 + 131 \\ &:= 1^0 + 2^8 + 3^1 + 9^1 + 12^1 = 10 + 28 + 31 + 91 + 121 \\ &:= 1^0 + 2^8 + 3^2 + 7^0 + 14^1 = 10 + 28 + 32 + 70 + 141 \\ &:= 1^0 + 2^8 + 4^1 + 10^1 + 10^1 = 10 + 28 + 41 + 101 + 101 \\ &:= 1^0 + 2^8 + 4^1 + 4^1 + 16^1 = 10 + 28 + 41 + 41 + 161 \\ &:= 1^0 + 2^8 + 4^1 + 5^1 + 15^1 = 10 + 28 + 41 + 51 + 151 \\ &:= 1^0 + 2^8 + 4^1 + 6^1 + 14^1 = 10 + 28 + 41 + 61 + 141 \\ &:= 1^0 + 2^8 + 4^1 + 7^1 + 13^1 = 10 + 28 + 41 + 71 + 131 \\ &:= 1^0 + 2^8 + 4^1 + 8^1 + 12^1 = 10 + 28 + 41 + 81 + 121 \\ &:= 1^0 + 2^8 + 4^1 + 9^1 + 11^1 = 10 + 28 + 41 + 91 + 111 \\ &:= 1^0 + 2^8 + 4^2 + 7^1 + 13^0 = 10 + 28 + 42 + 71 + 130 \\ &:= 1^0 + 2^8 + 5^1 + 5^1 + 14^1 = 10 + 28 + 51 + 51 + 141 \\ &:= 1^0 + 2^8 + 5^1 + 6^1 + 13^1 = 10 + 28 + 51 + 61 + 131 \\ &:= 1^0 + 2^8 + 5^1 + 7^1 + 12^1 = 10 + 28 + 51 + 71 + 121 \\ &:= 1^0 + 2^8 + 5^1 + 8^1 + 11^1 = 10 + 28 + 51 + 81 + 111 \\ &:= 1^0 + 2^8 + 5^1 + 9^1 + 10^1 = 10 + 28 + 51 + 91 + 101 \\ &:= 1^0 + 2^8 + 6^1 + 6^1 + 12^1 = 10 + 28 + 61 + 61 + 121 \\ &:= 1^0 + 2^8 + 6^1 + 7^1 + 11^1 = 10 + 28 + 61 + 71 + 111 \\ &:= 1^0 + 2^8 + 6^1 + 8^1 + 10^1 = 10 + 28 + 61 + 81 + 101 \\ &:= 1^0 + 2^8 + 6^1 + 9^1 + 9^1 = 10 + 28 + 61 + 91 + 91 \\ &:= 1^0 + 2^8 + 7^1 + 7^1 + 10^1 = 10 + 28 + 71 + 71 + 101 \\ &:= 1^0 + 2^8 + 7^1 + 8^1 + 9^1 = 10 + 28 + 71 + 81 + 91 \\ &:= 1^0 + 2^8 + 8^1 + 8^1 + 8^1 = 10 + 28 + 81 + 81 + 81 \\ &:= 1^1 + 1^3 + 2^2 + 4^4 + 19^1 = 11 + 13 + 22 + 44 + 191 \\ &:= 1^1 + 1^3 + 2^4 + 7^1 + 16^2 = 11 + 13 + 24 + 71 + 162 \\ &:= 1^1 + 1^5 + 2^1 + 9^2 + 14^2 = 11 + 15 + 21 + 92 + 142 \\ &:= 1^1 + 2^2 + 2^4 + 8^2 + 14^2 = 11 + 22 + 24 + 82 + 142 \\ &:= 1^1 + 2^2 + 3^5 + 4^2 + 17^1 = 11 + 22 + 35 + 42 + 171 \\ &:= 1^1 + 2^3 + 3^3 + 7^2 + 14^2 = 11 + 23 + 33 + 72 + 142 \\ &:= 1^1 + 2^3 + 4^3 + 8^2 + 12^2 = 11 + 23 + 43 + 82 + 122 \\ &:= 1^1 + 2^4 + 6^2 + 6^3 + 12^1 = 11 + 24 + 62 + 63 + 121 \\ &:= 1^1 + 2^5 + 3^1 + 7^2 + 14^2 = 11 + 25 + 31 + 72 + 142 \\ &:= 1^1 + 2^7 + 5^0 + 7^1 + 12^2 = 11 + 27 + 50 + 71 + 122 \\ &:= 1^1 + 3^2 + 3^3 + 3^5 + 17^0 = 11 + 32 + 33 + 35 + 170 \\ &:= 1^1 + 3^4 + 5^3 + 8^2 + 10^1 = 11 + 34 + 53 + 82 + 101 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^2 + 2^2 + 4^4 + 19^1 = 12 + 12 + 22 + 44 + 191 \\ &:= 1^2 + 1^2 + 2^4 + 7^1 + 16^2 = 12 + 12 + 24 + 71 + 162 \\ &:= 1^2 + 1^4 + 2^1 + 9^2 + 14^2 = 12 + 14 + 21 + 92 + 142 \\ &:= 1^2 + 2^4 + 3^1 + 6^2 + 15^2 = 12 + 24 + 31 + 62 + 152 \\ &:= 1^2 + 2^4 + 4^4 + 7^1 + 13^0 = 12 + 24 + 44 + 71 + 130 \\ &:= 1^2 + 3^3 + 3^5 + 9^1 + 11^0 = 12 + 33 + 35 + 91 + 110 \\ &:= 1^2 + 3^3 + 5^2 + 6^3 + 12^1 = 12 + 33 + 52 + 63 + 121 \\ &:= 1^2 + 3^3 + 5^3 + 7^1 + 11^2 = 12 + 33 + 53 + 71 + 112 \\ &:= 1^2 + 3^4 + 5^1 + 5^2 + 13^2 = 12 + 34 + 51 + 52 + 132 \\ &:= 1^2 + 5^2 + 5^3 + 7^2 + 9^2 = 12 + 52 + 53 + 72 + 92 \\ &:= 1^3 + 1^3 + 2^1 + 9^2 + 14^2 = 13 + 13 + 21 + 92 + 142 \\ &:= 1^3 + 2^1 + 2^2 + 4^4 + 18^1 = 13 + 21 + 22 + 44 + 181 \\ &:= 1^3 + 2^1 + 2^4 + 6^1 + 16^2 = 13 + 21 + 24 + 61 + 162 \\ &:= 1^3 + 2^2 + 3^1 + 4^4 + 17^1 = 13 + 22 + 31 + 44 + 171 \\ &:= 1^3 + 2^2 + 4^1 + 4^4 + 16^1 = 13 + 22 + 41 + 44 + 161 \\ &:= 1^3 + 2^2 + 4^4 + 10^1 + 10^1 = 13 + 22 + 44 + 101 + 101 \\ &:= 1^3 + 2^2 + 4^4 + 5^1 + 15^1 = 13 + 22 + 44 + 51 + 151 \\ &:= 1^3 + 2^2 + 4^4 + 6^1 + 14^1 = 13 + 22 + 44 + 61 + 141 \\ &:= 1^3 + 2^2 + 4^4 + 7^1 + 13^1 = 13 + 22 + 44 + 71 + 131 \\ &:= 1^3 + 2^2 + 4^4 + 8^1 + 12^1 = 13 + 22 + 44 + 81 + 121 \\ &:= 1^3 + 2^2 + 4^4 + 9^1 + 11^1 = 13 + 22 + 44 + 91 + 111 \\ &:= 1^3 + 2^2 + 5^3 + 7^1 + 12^2 = 13 + 22 + 53 + 71 + 122 \\ &:= 1^3 + 2^2 + 6^3 + 7^2 + 11^1 = 13 + 22 + 63 + 72 + 111 \\ &:= 1^3 + 2^3 + 4^4 + 5^0 + 15^1 = 13 + 23 + 44 + 50 + 151 \\ &:= 1^3 + 2^4 + 3^1 + 5^1 + 16^2 = 13 + 24 + 31 + 51 + 162 \\ &:= 1^3 + 2^4 + 4^1 + 4^1 + 16^2 = 13 + 24 + 41 + 41 + 162 \\ &:= 1^3 + 3^1 + 3^3 + 5^2 + 15^2 = 13 + 31 + 33 + 52 + 152 \\ &:= 1^3 + 3^3 + 3^3 + 5^0 + 15^2 = 13 + 33 + 33 + 50 + 152 \\ &:= 1^3 + 3^3 + 6^2 + 6^3 + 11^0 = 13 + 33 + 62 + 63 + 110 \\ &:= 1^3 + 3^5 + 5^2 + 7^0 + 11^1 = 13 + 35 + 52 + 70 + 111 \\ &:= 1^3 + 4^1 + 4^2 + 4^3 + 14^2 = 13 + 41 + 42 + 43 + 142 \\ &:= 1^4 + 2^1 + 2^2 + 7^2 + 15^2 = 14 + 21 + 22 + 72 + 152 \\ &:= 1^4 + 2^1 + 3^4 + 7^0 + 14^2 = 14 + 21 + 34 + 70 + 142 \\ &:= 1^4 + 2^2 + 4^1 + 4^2 + 16^2 = 14 + 22 + 41 + 42 + 162 \\ &:= 1^4 + 3^2 + 4^4 + 5^0 + 14^1 = 14 + 32 + 44 + 50 + 141 \\ &:= 1^4 + 4^2 + 4^4 + 7^1 + 11^0 = 14 + 42 + 44 + 71 + 110 \\ &:= 1^8 + 2^4 + 2^8 + 7^1 + 14^0 = 18 + 24 + 28 + 71 + 140 \\ &:= 1^9 + 2^2 + 2^5 + 3^5 + 18^0 = 19 + 22 + 25 + 35 + 180 \end{aligned}$$

$:= 1^9 + 2^3 + 2^8 + 6^0 + 15^1 = 19 + 23 + 28 + 60 + 151$	$:= 2^3 + 3^5 + 4^1 + 5^2 + 13^0 = 23 + 35 + 41 + 52 + 130$
$:= 2^0 + 2^0 + 2^2 + 2^8 + 19^1 = 20 + 20 + 22 + 28 + 191$	$:= 2^3 + 3^5 + 4^2 + 5^0 + 13^1 = 23 + 35 + 42 + 50 + 131$
$:= 2^0 + 2^5 + 3^5 + 4^1 + 16^0 = 20 + 25 + 35 + 41 + 160$	$:= 2^3 + 4^3 + 4^3 + 5^0 + 12^2 = 23 + 43 + 43 + 50 + 122$
$:= 2^0 + 2^8 + 3^2 + 6^0 + 14^1 = 20 + 28 + 32 + 60 + 141$	$:= 2^4 + 3^1 + 6^2 + 6^3 + 10^1 = 24 + 31 + 62 + 63 + 101$
$:= 2^0 + 2^8 + 4^2 + 7^1 + 12^0 = 20 + 28 + 42 + 71 + 120$	$:= 2^4 + 4^1 + 6^2 + 6^3 + 9^1 = 24 + 41 + 62 + 63 + 91$
$:= 2^1 + 2^1 + 2^5 + 7^2 + 14^2 = 21 + 21 + 25 + 72 + 142$	$:= 2^4 + 5^1 + 6^2 + 6^3 + 8^1 = 24 + 51 + 62 + 63 + 81$
$:= 2^1 + 2^2 + 3^5 + 4^2 + 16^1 = 21 + 22 + 35 + 42 + 161$	$:= 2^4 + 6^1 + 6^2 + 6^3 + 7^1 = 24 + 61 + 62 + 63 + 71$
$:= 2^1 + 2^4 + 6^2 + 6^3 + 11^1 = 21 + 24 + 62 + 63 + 111$	$:= 2^5 + 3^0 + 3^5 + 4^1 + 15^0 = 25 + 30 + 35 + 41 + 150$
$:= 2^1 + 2^5 + 5^3 + 7^0 + 11^2 = 21 + 25 + 53 + 70 + 112$	$:= 2^5 + 3^5 + 4^0 + 4^1 + 14^0 = 25 + 35 + 40 + 41 + 140$
$:= 2^1 + 2^7 + 5^0 + 6^1 + 12^2 = 21 + 27 + 50 + 61 + 122$	$:= 2^5 + 3^5 + 4^1 + 5^0 + 13^0 = 25 + 35 + 41 + 50 + 130$
$:= 2^1 + 3^4 + 5^3 + 8^2 + 9^1 = 21 + 34 + 53 + 82 + 91$	$:= 2^5 + 3^5 + 4^1 + 6^0 + 12^0 = 25 + 35 + 41 + 60 + 120$
$:= 2^2 + 2^3 + 2^3 + 5^1 + 16^2 = 22 + 23 + 23 + 51 + 162$	$:= 2^5 + 3^5 + 4^1 + 7^0 + 11^0 = 25 + 35 + 41 + 70 + 110$
$:= 2^2 + 2^4 + 4^1 + 4^4 + 15^0 = 22 + 24 + 41 + 44 + 150$	$:= 2^5 + 3^5 + 4^1 + 8^0 + 10^0 = 25 + 35 + 41 + 80 + 100$
$:= 2^2 + 2^4 + 4^3 + 5^0 + 14^2 = 22 + 24 + 43 + 50 + 142$	$:= 2^5 + 3^5 + 4^1 + 9^0 + 9^0 = 25 + 35 + 41 + 90 + 90$
$:= 2^2 + 3^1 + 3^4 + 7^2 + 12^2 = 22 + 31 + 34 + 72 + 122$	$:= 2^5 + 5^2 + 6^3 + 7^0 + 7^1 = 25 + 52 + 63 + 70 + 71$
$:= 2^2 + 3^1 + 3^5 + 4^2 + 15^1 = 22 + 31 + 35 + 42 + 151$	$:= 2^6 + 3^0 + 4^1 + 4^2 + 14^2 = 26 + 30 + 41 + 42 + 142$
$:= 2^2 + 3^2 + 3^3 + 4^2 + 15^2 = 22 + 32 + 33 + 42 + 152$	$:= 2^7 + 3^1 + 5^0 + 5^1 + 12^2 = 27 + 31 + 50 + 51 + 122$
$:= 2^2 + 3^3 + 3^5 + 6^1 + 13^0 = 22 + 33 + 35 + 61 + 130$	$:= 2^7 + 4^1 + 4^1 + 5^0 + 12^2 = 27 + 41 + 41 + 50 + 122$
$:= 2^2 + 3^5 + 4^1 + 4^2 + 14^1 = 22 + 35 + 41 + 42 + 141$	$:= 2^8 + 3^0 + 3^2 + 5^0 + 14^1 = 28 + 30 + 32 + 50 + 141$
$:= 2^2 + 3^5 + 4^2 + 5^1 + 13^1 = 22 + 35 + 42 + 51 + 131$	$:= 2^8 + 3^0 + 4^2 + 7^1 + 11^0 = 28 + 30 + 42 + 71 + 110$
$:= 2^2 + 3^5 + 4^2 + 6^1 + 12^1 = 22 + 35 + 42 + 61 + 121$	$:= 2^8 + 3^2 + 4^0 + 4^0 + 14^1 = 28 + 32 + 40 + 40 + 141$
$:= 2^2 + 3^5 + 4^2 + 7^1 + 11^1 = 22 + 35 + 42 + 71 + 111$	$:= 2^8 + 4^0 + 4^2 + 7^1 + 10^0 = 28 + 40 + 42 + 71 + 100$
$:= 2^2 + 3^5 + 4^2 + 8^1 + 10^1 = 22 + 35 + 42 + 81 + 101$	$:= 2^8 + 4^2 + 5^0 + 7^1 + 9^0 = 28 + 42 + 50 + 71 + 90$
$:= 2^2 + 3^5 + 4^2 + 9^1 + 9^1 = 22 + 35 + 42 + 91 + 91$	$:= 2^8 + 4^2 + 6^0 + 7^1 + 8^0 = 28 + 42 + 60 + 71 + 80$
$:= 2^2 + 4^2 + 5^3 + 5^3 + 11^1 = 22 + 42 + 53 + 53 + 111$	$:= 2^8 + 4^2 + 7^0 + 7^0 + 7^1 = 28 + 42 + 70 + 70 + 71$
$:= 2^2 + 4^2 + 5^3 + 6^2 + 10^2 = 22 + 42 + 53 + 62 + 102$	$:= 3^1 + 3^4 + 5^3 + 8^1 + 8^2 = 31 + 34 + 53 + 81 + 82$
$:= 2^2 + 4^3 + 4^3 + 5^1 + 12^2 = 22 + 43 + 43 + 51 + 122$	$:= 3^3 + 4^1 + 5^2 + 5^3 + 10^2 = 33 + 41 + 52 + 53 + 102$
$:= 2^2 + 4^3 + 5^3 + 7^1 + 9^2 = 22 + 43 + 53 + 71 + 92$	$:= 3^3 + 4^3 + 5^3 + 7^0 + 8^2 = 33 + 43 + 53 + 70 + 82$
$:= 2^3 + 2^3 + 2^3 + 5^0 + 16^2 = 23 + 23 + 23 + 50 + 162$	$:= 3^4 + 4^1 + 5^3 + 7^1 + 8^2 = 34 + 41 + 53 + 71 + 82$
$:= 2^3 + 2^3 + 4^4 + 8^1 + 11^0 = 23 + 23 + 44 + 81 + 110$	$:= 3^4 + 4^3 + 5^0 + 5^3 + 10^1 = 34 + 43 + 50 + 53 + 101$
$:= 2^3 + 2^4 + 2^7 + 2^7 + 18^0 = 23 + 24 + 27 + 27 + 180$	$:= 3^4 + 5^1 + 5^3 + 6^1 + 8^2 = 34 + 51 + 53 + 61 + 82$
$:= 2^3 + 3^1 + 5^3 + 8^2 + 9^2 = 23 + 31 + 53 + 82 + 92$	$:= 3^4 + 5^2 + 5^3 + 7^0 + 7^2 = 34 + 52 + 53 + 70 + 72$
$:= 2^3 + 3^2 + 4^1 + 4^3 + 14^2 = 23 + 32 + 41 + 43 + 142$	

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$282 := 1^3 + 2^6 + 6^3 + 18^0 = 13 + 26 + 63 + 180$	$:= 1^7 + 6^3 + 8^2 + 12^0 = 17 + 63 + 82 + 120$
$:= 1^6 + 4^3 + 6^3 + 16^0 = 16 + 43 + 63 + 160$	$:= 2^3 + 2^8 + 6^0 + 17^1 = 23 + 28 + 60 + 171$

$$\begin{aligned}
 &:= 2^8 + 3^2 + 4^2 + 18^0 = 28 + 32 + 42 + 180 \\
 &:= 1^0 + 1^5 + 3^5 + 6^2 + 16^0 = 10 + 15 + 35 + 62 + 160 \\
 &:= 1^0 + 2^3 + 2^7 + 10^0 + 12^2 = 10 + 23 + 27 + 100 + 122 \\
 &:= 1^0 + 2^3 + 2^8 + 6^0 + 16^1 = 10 + 23 + 28 + 60 + 161 \\
 &:= 1^1 + 1^4 + 3^5 + 6^2 + 16^0 = 11 + 14 + 35 + 62 + 160 \\
 &:= 1^1 + 2^0 + 2^2 + 2^8 + 20^1 = 11 + 20 + 22 + 28 + 201 \\
 &:= 1^1 + 2^3 + 2^4 + 4^4 + 18^0 = 11 + 23 + 24 + 44 + 180 \\
 &:= 1^1 + 2^5 + 3^5 + 5^1 + 16^0 = 11 + 25 + 35 + 51 + 160 \\
 &:= 1^1 + 2^8 + 3^2 + 6^0 + 15^1 = 11 + 28 + 32 + 60 + 151 \\
 &:= 1^1 + 2^8 + 4^2 + 8^1 + 12^0 = 11 + 28 + 42 + 81 + 120 \\
 &:= 1^2 + 1^3 + 3^5 + 6^2 + 16^0 = 12 + 13 + 35 + 62 + 160 \\
 &:= 1^2 + 1^9 + 2^2 + 2^8 + 20^1 = 12 + 19 + 22 + 28 + 201 \\
 &:= 1^2 + 2^7 + 4^0 + 8^1 + 12^2 = 12 + 27 + 40 + 81 + 122 \\
 &:= 1^3 + 1^8 + 2^2 + 2^8 + 20^1 = 13 + 18 + 22 + 28 + 201 \\
 &:= 1^3 + 2^3 + 2^4 + 6^0 + 16^2 = 13 + 23 + 24 + 60 + 162 \\
 &:= 1^3 + 2^3 + 4^2 + 4^4 + 16^0 = 13 + 23 + 42 + 44 + 160 \\
 &:= 1^3 + 2^4 + 4^4 + 8^1 + 12^0 = 13 + 24 + 44 + 81 + 120 \\
 &:= 1^3 + 3^3 + 3^5 + 10^0 + 10^1 = 13 + 33 + 35 + 100 + 101 \\
 &:= 1^4 + 1^7 + 2^2 + 2^8 + 20^1 = 14 + 17 + 22 + 28 + 201 \\
 &:= 1^4 + 2^3 + 4^0 + 4^4 + 16^1 = 14 + 23 + 40 + 44 + 161 \\
 &:= 1^4 + 3^5 + 5^2 + 6^0 + 12^1 = 14 + 35 + 52 + 60 + 121 \\
 &:= 1^5 + 1^6 + 2^2 + 2^8 + 20^1 = 15 + 16 + 22 + 28 + 201 \\
 &:= 1^5 + 2^0 + 3^5 + 6^2 + 15^0 = 15 + 20 + 35 + 62 + 150 \\
 &:= 1^5 + 2^3 + 4^0 + 4^2 + 16^2 = 15 + 23 + 40 + 42 + 162 \\
 &:= 1^5 + 3^0 + 3^5 + 6^2 + 14^0 = 15 + 30 + 35 + 62 + 140 \\
 &:= 1^5 + 3^1 + 3^4 + 6^0 + 14^2 = 15 + 31 + 34 + 60 + 142 \\
 &:= 1^5 + 3^2 + 4^0 + 4^4 + 15^1 = 15 + 32 + 40 + 44 + 151 \\
 &:= 1^5 + 3^5 + 4^0 + 6^2 + 13^0 = 15 + 35 + 40 + 62 + 130 \\
 &:= 1^5 + 3^5 + 5^0 + 6^2 + 12^0 = 15 + 35 + 50 + 62 + 120 \\
 &:= 1^5 + 3^5 + 6^0 + 6^2 + 11^0 = 15 + 35 + 60 + 62 + 110 \\
 &:= 1^5 + 3^5 + 6^2 + 7^0 + 10^0 = 15 + 35 + 62 + 70 + 100 \\
 &:= 1^5 + 3^5 + 6^2 + 8^0 + 9^0 = 15 + 35 + 62 + 80 + 90 \\
 &:= 1^5 + 4^2 + 4^4 + 8^1 + 10^0 = 15 + 42 + 44 + 81 + 100 \\
 &:= 1^6 + 1^9 + 3^5 + 6^2 + 15^0 = 16 + 19 + 35 + 62 + 150 \\
 &:= 1^7 + 1^8 + 3^5 + 6^2 + 15^0 = 17 + 18 + 35 + 62 + 150 \\
 &:= 1^7 + 2^3 + 2^4 + 2^8 + 19^0 = 17 + 23 + 24 + 28 + 190 \\
 &:= 1^7 + 2^6 + 2^6 + 9^1 + 12^2 = 17 + 26 + 26 + 91 + 122 \\
 &:= 1^9 + 2^3 + 2^8 + 4^2 + 17^0 = 19 + 23 + 28 + 42 + 170 \\
 &:= 1^9 + 2^4 + 2^5 + 8^2 + 13^2 = 19 + 24 + 25 + 82 + 132 \\
 &:= 1^9 + 2^4 + 2^8 + 8^1 + 13^0 = 19 + 24 + 28 + 81 + 130 \\
 &:= 1^9 + 2^5 + 2^5 + 6^3 + 15^0 = 19 + 25 + 25 + 63 + 150 \\
 &:= 1^9 + 2^7 + 3^3 + 5^3 + 15^0 = 19 + 27 + 33 + 53 + 150 \\
 &:= 2^0 + 2^1 + 2^2 + 2^8 + 19^1 = 20 + 21 + 22 + 28 + 191 \\
 &:= 2^0 + 2^2 + 2^4 + 3^5 + 18^1 = 20 + 22 + 24 + 35 + 181 \\
 &:= 2^0 + 2^2 + 2^8 + 10^1 + 11^1 = 20 + 22 + 28 + 101 + 111 \\
 &:= 2^0 + 2^2 + 2^8 + 3^1 + 18^1 = 20 + 22 + 28 + 31 + 181 \\
 &:= 2^0 + 2^2 + 2^8 + 4^1 + 17^1 = 20 + 22 + 28 + 41 + 171 \\
 &:= 2^0 + 2^2 + 2^8 + 5^1 + 16^1 = 20 + 22 + 28 + 51 + 161 \\
 &:= 2^0 + 2^2 + 2^8 + 6^1 + 15^1 = 20 + 22 + 28 + 61 + 151 \\
 &:= 2^0 + 2^2 + 2^8 + 7^1 + 14^1 = 20 + 22 + 28 + 71 + 141 \\
 &:= 2^0 + 2^2 + 2^8 + 8^1 + 13^1 = 20 + 22 + 28 + 81 + 131 \\
 &:= 2^0 + 2^2 + 2^8 + 9^1 + 12^1 = 20 + 22 + 28 + 91 + 121 \\
 &:= 2^0 + 2^3 + 2^7 + 9^0 + 12^2 = 20 + 23 + 27 + 90 + 122 \\
 &:= 2^0 + 2^3 + 2^8 + 5^0 + 16^1 = 20 + 23 + 28 + 50 + 161 \\
 &:= 2^0 + 2^5 + 4^3 + 8^2 + 11^2 = 20 + 25 + 43 + 82 + 112 \\
 &:= 2^0 + 2^6 + 3^2 + 8^2 + 12^2 = 20 + 26 + 32 + 82 + 122 \\
 &:= 2^0 + 2^7 + 5^2 + 7^1 + 11^2 = 20 + 27 + 52 + 71 + 112 \\
 &:= 2^1 + 2^5 + 3^5 + 4^1 + 16^0 = 21 + 25 + 35 + 41 + 160 \\
 &:= 2^1 + 2^8 + 3^2 + 6^0 + 14^1 = 21 + 28 + 32 + 60 + 141 \\
 &:= 2^1 + 2^8 + 4^2 + 7^1 + 12^0 = 21 + 28 + 42 + 71 + 120 \\
 &:= 2^2 + 2^7 + 5^1 + 6^0 + 12^2 = 22 + 27 + 51 + 60 + 122 \\
 &:= 2^3 + 2^3 + 3^2 + 4^4 + 16^0 = 23 + 23 + 32 + 44 + 160 \\
 &:= 2^3 + 2^5 + 4^0 + 4^2 + 15^2 = 23 + 25 + 40 + 42 + 152 \\
 &:= 2^3 + 2^7 + 3^0 + 8^0 + 12^2 = 23 + 27 + 30 + 80 + 122 \\
 &:= 2^3 + 2^7 + 4^0 + 7^0 + 12^2 = 23 + 27 + 40 + 70 + 122 \\
 &:= 2^3 + 2^7 + 5^0 + 6^0 + 12^2 = 23 + 27 + 50 + 60 + 122 \\
 &:= 2^3 + 2^8 + 3^0 + 4^0 + 16^1 = 23 + 28 + 30 + 40 + 161 \\
 &:= 2^3 + 3^1 + 3^3 + 3^5 + 16^0 = 23 + 31 + 33 + 35 + 160 \\
 &:= 2^4 + 3^2 + 3^5 + 6^0 + 13^1 = 24 + 32 + 35 + 60 + 131 \\
 &:= 2^4 + 3^5 + 4^2 + 6^1 + 12^0 = 24 + 35 + 42 + 61 + 120 \\
 &:= 2^5 + 3^1 + 3^1 + 3^5 + 16^0 = 25 + 31 + 31 + 35 + 160 \\
 &:= 2^5 + 3^3 + 6^1 + 6^3 + 10^0 = 25 + 33 + 61 + 63 + 100 \\
 &:= 2^5 + 4^0 + 4^2 + 4^3 + 13^2 = 25 + 40 + 42 + 43 + 132 \\
 &:= 2^6 + 2^6 + 2^7 + 3^2 + 17^1 = 26 + 26 + 27 + 32 + 171 \\
 &:= 2^7 + 4^0 + 4^1 + 7^2 + 10^2 = 27 + 40 + 41 + 72 + 102 \\
 &:= 2^8 + 3^1 + 3^2 + 6^0 + 13^1 = 28 + 31 + 32 + 60 + 131
 \end{aligned}$$

$$\begin{aligned} &:= 2^8 + 3^1 + 4^2 + 6^1 + 12^0 = 28 + 31 + 42 + 61 + 120 \\ &:= 2^8 + 3^2 + 4^1 + 6^0 + 12^1 = 28 + 32 + 41 + 60 + 121 \\ &:= 2^8 + 3^2 + 5^1 + 6^0 + 11^1 = 28 + 32 + 51 + 60 + 111 \\ &:= 2^8 + 3^2 + 6^0 + 6^1 + 10^1 = 28 + 32 + 60 + 61 + 101 \end{aligned}$$

$$\begin{aligned} &:= 2^8 + 3^2 + 6^0 + 7^1 + 9^1 = 28 + 32 + 60 + 71 + 91 \\ &:= 2^8 + 3^2 + 6^0 + 8^1 + 8^1 = 28 + 32 + 60 + 81 + 81 \\ &:= 2^8 + 4^1 + 4^2 + 5^1 + 12^0 = 28 + 41 + 42 + 51 + 120 \end{aligned}$$

2.2.184 Number 283

$$\begin{aligned} 283 &:= 1^2 + 2^2 + 2^8 + 22^1 = 12 + 22 + 28 + 221 \\ &:= 1^3 + 2^8 + 5^2 + 19^0 = 13 + 28 + 52 + 190 \\ &:= 1^7 + 4^4 + 5^2 + 17^0 = 17 + 44 + 52 + 170 \\ &:= 1^9 + 5^0 + 5^2 + 16^2 = 19 + 50 + 52 + 162 \\ &:= 2^4 + 2^8 + 10^1 + 13^0 = 24 + 28 + 101 + 130 \\ &:= 1^0 + 1^2 + 2^2 + 2^8 + 21^1 = 10 + 12 + 22 + 28 + 211 \\ &:= 1^0 + 1^4 + 2^6 + 6^3 + 17^0 = 10 + 14 + 26 + 63 + 170 \\ &:= 1^0 + 1^5 + 2^4 + 11^2 + 12^2 = 10 + 15 + 24 + 112 + 122 \\ &:= 1^0 + 1^7 + 2^2 + 9^2 + 14^2 = 10 + 17 + 22 + 92 + 142 \\ &:= 1^0 + 1^7 + 4^3 + 6^3 + 15^0 = 10 + 17 + 43 + 63 + 150 \\ &:= 1^0 + 1^8 + 6^3 + 8^2 + 11^0 = 10 + 18 + 63 + 82 + 110 \\ &:= 1^0 + 2^4 + 2^8 + 9^1 + 13^0 = 10 + 24 + 28 + 91 + 130 \\ &:= 1^1 + 1^1 + 2^2 + 2^8 + 21^1 = 11 + 11 + 22 + 28 + 211 \\ &:= 1^1 + 1^3 + 2^6 + 6^3 + 17^0 = 11 + 13 + 26 + 63 + 170 \\ &:= 1^1 + 1^4 + 2^4 + 11^2 + 12^2 = 11 + 14 + 24 + 112 + 122 \\ &:= 1^1 + 1^6 + 2^2 + 9^2 + 14^2 = 11 + 16 + 22 + 92 + 142 \\ &:= 1^1 + 1^6 + 4^3 + 6^3 + 15^0 = 11 + 16 + 43 + 63 + 150 \\ &:= 1^1 + 1^7 + 6^3 + 8^2 + 11^0 = 11 + 17 + 63 + 82 + 110 \\ &:= 1^1 + 2^1 + 2^2 + 2^8 + 20^1 = 11 + 21 + 22 + 28 + 201 \\ &:= 1^1 + 2^2 + 2^4 + 3^5 + 19^1 = 11 + 22 + 24 + 35 + 191 \\ &:= 1^1 + 2^2 + 2^8 + 10^1 + 12^1 = 11 + 22 + 28 + 101 + 121 \\ &:= 1^1 + 2^2 + 2^8 + 11^1 + 11^1 = 11 + 22 + 28 + 111 + 111 \\ &:= 1^1 + 2^2 + 2^8 + 3^1 + 19^1 = 11 + 22 + 28 + 31 + 191 \\ &:= 1^1 + 2^2 + 2^8 + 4^1 + 18^1 = 11 + 22 + 28 + 41 + 181 \\ &:= 1^1 + 2^2 + 2^8 + 5^1 + 17^1 = 11 + 22 + 28 + 51 + 171 \\ &:= 1^1 + 2^2 + 2^8 + 6^1 + 16^1 = 11 + 22 + 28 + 61 + 161 \\ &:= 1^1 + 2^2 + 2^8 + 7^1 + 15^1 = 11 + 22 + 28 + 71 + 151 \\ &:= 1^1 + 2^2 + 2^8 + 8^1 + 14^1 = 11 + 22 + 28 + 81 + 141 \\ &:= 1^1 + 2^2 + 2^8 + 9^1 + 13^1 = 11 + 22 + 28 + 91 + 131 \\ &:= 1^1 + 2^3 + 2^5 + 11^2 + 11^2 = 11 + 23 + 25 + 112 + 112 \\ &:= 1^1 + 2^3 + 2^8 + 5^0 + 17^1 = 11 + 23 + 28 + 50 + 171 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^4 + 2^4 + 9^2 + 13^2 = 11 + 24 + 24 + 92 + 132 \\ &:= 1^1 + 2^6 + 4^2 + 9^2 + 11^2 = 11 + 26 + 42 + 92 + 112 \\ &:= 1^1 + 2^6 + 5^2 + 7^2 + 12^2 = 11 + 26 + 52 + 72 + 122 \\ &:= 1^1 + 2^7 + 5^2 + 8^1 + 11^2 = 11 + 27 + 52 + 81 + 112 \\ &:= 1^1 + 2^8 + 3^2 + 4^2 + 17^0 = 11 + 28 + 32 + 42 + 170 \\ &:= 1^2 + 1^2 + 2^6 + 6^3 + 17^0 = 12 + 12 + 26 + 63 + 170 \\ &:= 1^2 + 1^3 + 2^4 + 11^2 + 12^2 = 12 + 13 + 24 + 112 + 122 \\ &:= 1^2 + 1^5 + 2^2 + 9^2 + 14^2 = 12 + 15 + 22 + 92 + 142 \\ &:= 1^2 + 1^5 + 4^3 + 6^3 + 15^0 = 12 + 15 + 43 + 63 + 150 \\ &:= 1^2 + 1^6 + 6^3 + 8^2 + 11^0 = 12 + 16 + 63 + 82 + 110 \\ &:= 1^2 + 2^4 + 4^3 + 9^2 + 11^2 = 12 + 24 + 43 + 92 + 112 \\ &:= 1^2 + 2^5 + 3^5 + 6^1 + 15^0 = 12 + 25 + 35 + 61 + 150 \\ &:= 1^2 + 2^6 + 4^2 + 6^1 + 14^2 = 12 + 26 + 42 + 61 + 142 \\ &:= 1^2 + 2^7 + 3^2 + 9^0 + 12^2 = 12 + 27 + 32 + 90 + 122 \\ &:= 1^2 + 2^8 + 3^2 + 5^0 + 16^1 = 12 + 28 + 32 + 50 + 161 \\ &:= 1^2 + 2^8 + 4^2 + 9^1 + 11^0 = 12 + 28 + 42 + 91 + 110 \\ &:= 1^3 + 1^4 + 2^2 + 9^2 + 14^2 = 13 + 14 + 22 + 92 + 142 \\ &:= 1^3 + 1^4 + 4^3 + 6^3 + 15^0 = 13 + 14 + 43 + 63 + 150 \\ &:= 1^3 + 1^5 + 6^3 + 8^2 + 11^0 = 13 + 15 + 63 + 82 + 110 \\ &:= 1^3 + 2^4 + 3^2 + 4^4 + 17^0 = 13 + 24 + 32 + 44 + 170 \\ &:= 1^3 + 2^4 + 4^2 + 5^2 + 15^2 = 13 + 24 + 42 + 52 + 152 \\ &:= 1^3 + 2^4 + 4^3 + 6^1 + 14^2 = 13 + 24 + 43 + 61 + 142 \\ &:= 1^3 + 2^7 + 3^0 + 9^1 + 12^2 = 13 + 27 + 30 + 91 + 122 \\ &:= 1^3 + 3^4 + 4^2 + 8^2 + 11^2 = 13 + 34 + 42 + 82 + 112 \\ &:= 1^4 + 1^4 + 6^3 + 8^2 + 11^0 = 14 + 14 + 63 + 82 + 110 \\ &:= 1^4 + 2^0 + 2^6 + 6^3 + 16^0 = 14 + 20 + 26 + 63 + 160 \\ &:= 1^4 + 2^2 + 2^2 + 4^4 + 18^1 = 14 + 22 + 22 + 44 + 181 \\ &:= 1^4 + 2^2 + 2^4 + 6^1 + 16^2 = 14 + 22 + 24 + 61 + 162 \\ &:= 1^4 + 2^4 + 4^4 + 9^1 + 11^0 = 14 + 24 + 44 + 91 + 110 \\ &:= 1^4 + 2^4 + 6^3 + 7^2 + 11^0 = 14 + 24 + 63 + 72 + 110 \\ &:= 1^4 + 2^6 + 3^0 + 6^3 + 15^0 = 14 + 26 + 30 + 63 + 150 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^6 + 4^0 + 6^3 + 14^0 = 14 + 26 + 40 + 63 + 140 \\ &:= 1^4 + 2^6 + 5^0 + 6^3 + 13^0 = 14 + 26 + 50 + 63 + 130 \\ &:= 1^4 + 2^6 + 6^0 + 6^3 + 12^0 = 14 + 26 + 60 + 63 + 120 \\ &:= 1^4 + 2^6 + 6^3 + 7^0 + 11^0 = 14 + 26 + 63 + 70 + 110 \\ &:= 1^4 + 2^6 + 6^3 + 8^0 + 10^0 = 14 + 26 + 63 + 80 + 100 \\ &:= 1^4 + 2^6 + 6^3 + 9^0 + 9^0 = 14 + 26 + 63 + 90 + 90 \\ &:= 1^4 + 3^3 + 3^5 + 9^0 + 11^1 = 14 + 33 + 35 + 90 + 111 \\ &:= 1^5 + 1^9 + 2^6 + 6^3 + 16^0 = 15 + 19 + 26 + 63 + 160 \\ &:= 1^5 + 2^1 + 3^5 + 6^2 + 15^0 = 15 + 21 + 35 + 62 + 150 \\ &:= 1^5 + 2^2 + 2^2 + 7^2 + 15^2 = 15 + 22 + 22 + 72 + 152 \\ &:= 1^5 + 2^2 + 3^4 + 7^0 + 14^2 = 15 + 22 + 34 + 70 + 142 \\ &:= 1^5 + 2^3 + 3^0 + 4^4 + 17^1 = 15 + 23 + 30 + 44 + 171 \\ &:= 1^5 + 2^4 + 3^2 + 5^0 + 16^2 = 15 + 24 + 32 + 50 + 162 \\ &:= 1^5 + 3^0 + 3^4 + 10^2 + 10^2 = 15 + 30 + 34 + 102 + 102 \\ &:= 1^5 + 3^2 + 4^2 + 4^4 + 15^0 = 15 + 32 + 42 + 44 + 150 \\ &:= 1^5 + 3^5 + 5^0 + 5^2 + 13^1 = 15 + 35 + 50 + 52 + 131 \\ &:= 1^6 + 1^8 + 2^6 + 6^3 + 16^0 = 16 + 18 + 26 + 63 + 160 \\ &:= 1^6 + 3^0 + 3^2 + 4^4 + 16^1 = 16 + 30 + 32 + 44 + 161 \\ &:= 1^6 + 3^4 + 4^1 + 5^0 + 14^2 = 16 + 34 + 41 + 50 + 142 \\ &:= 1^6 + 4^2 + 4^4 + 9^0 + 9^1 = 16 + 42 + 44 + 90 + 91 \\ &:= 1^6 + 4^2 + 6^3 + 7^2 + 9^0 = 16 + 42 + 63 + 72 + 90 \\ &:= 1^7 + 1^7 + 2^6 + 6^3 + 16^0 = 17 + 17 + 26 + 63 + 160 \\ &:= 1^7 + 2^0 + 4^3 + 6^3 + 14^0 = 17 + 20 + 43 + 63 + 140 \\ &:= 1^7 + 2^7 + 2^7 + 5^2 + 16^0 = 17 + 27 + 27 + 52 + 160 \\ &:= 1^7 + 3^0 + 3^2 + 4^2 + 16^2 = 17 + 30 + 32 + 42 + 162 \\ &:= 1^7 + 3^0 + 4^3 + 6^3 + 13^0 = 17 + 30 + 43 + 63 + 130 \\ &:= 1^7 + 4^0 + 4^3 + 6^3 + 12^0 = 17 + 40 + 43 + 63 + 120 \\ &:= 1^7 + 4^3 + 5^0 + 6^3 + 11^0 = 17 + 43 + 50 + 63 + 110 \\ &:= 1^7 + 4^3 + 6^0 + 6^3 + 10^0 = 17 + 43 + 60 + 63 + 100 \\ &:= 1^7 + 4^3 + 6^3 + 7^0 + 9^0 = 17 + 43 + 63 + 70 + 90 \\ &:= 1^7 + 4^3 + 6^3 + 8^0 + 8^0 = 17 + 43 + 63 + 80 + 80 \\ &:= 1^8 + 1^9 + 4^3 + 6^3 + 14^0 = 18 + 19 + 43 + 63 + 140 \\ &:= 1^8 + 2^0 + 6^3 + 8^2 + 10^0 = 18 + 20 + 63 + 82 + 100 \\ &:= 1^8 + 3^0 + 6^3 + 8^2 + 9^0 = 18 + 30 + 63 + 82 + 90 \\ &:= 1^8 + 4^0 + 6^3 + 8^0 + 8^2 = 18 + 40 + 63 + 80 + 82 \\ &:= 1^8 + 5^0 + 6^3 + 7^0 + 8^2 = 18 + 50 + 63 + 70 + 82 \\ &:= 1^8 + 6^0 + 6^0 + 6^3 + 8^2 = 18 + 60 + 60 + 63 + 82 \\ &:= 1^9 + 1^9 + 6^3 + 8^2 + 10^0 = 19 + 19 + 63 + 82 + 100 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^4 + 2^8 + 3^2 + 18^0 = 19 + 24 + 28 + 32 + 180 \\ &:= 1^9 + 2^5 + 2^7 + 10^0 + 11^2 = 19 + 25 + 27 + 100 + 112 \\ &:= 2^0 + 2^4 + 2^8 + 9^1 + 12^0 = 20 + 24 + 28 + 91 + 120 \\ &:= 2^1 + 2^1 + 2^2 + 2^8 + 19^1 = 21 + 21 + 22 + 28 + 191 \\ &:= 2^1 + 2^2 + 2^4 + 3^5 + 18^1 = 21 + 22 + 24 + 35 + 181 \\ &:= 2^1 + 2^2 + 2^8 + 10^1 + 11^1 = 21 + 22 + 28 + 101 + 111 \\ &:= 2^1 + 2^2 + 2^8 + 3^1 + 18^1 = 21 + 22 + 28 + 31 + 181 \\ &:= 2^1 + 2^2 + 2^8 + 4^1 + 17^1 = 21 + 22 + 28 + 41 + 171 \\ &:= 2^1 + 2^2 + 2^8 + 5^1 + 16^1 = 21 + 22 + 28 + 51 + 161 \\ &:= 2^1 + 2^2 + 2^8 + 6^1 + 15^1 = 21 + 22 + 28 + 61 + 151 \\ &:= 2^1 + 2^2 + 2^8 + 7^1 + 14^1 = 21 + 22 + 28 + 71 + 141 \\ &:= 2^1 + 2^2 + 2^8 + 8^1 + 13^1 = 21 + 22 + 28 + 81 + 131 \\ &:= 2^1 + 2^2 + 2^8 + 9^1 + 12^1 = 21 + 22 + 28 + 91 + 121 \\ &:= 2^1 + 2^3 + 2^7 + 9^0 + 12^2 = 21 + 23 + 27 + 90 + 122 \\ &:= 2^1 + 2^3 + 2^8 + 5^0 + 16^1 = 21 + 23 + 28 + 50 + 161 \\ &:= 2^1 + 2^5 + 4^3 + 8^2 + 11^2 = 21 + 25 + 43 + 82 + 112 \\ &:= 2^1 + 2^6 + 3^2 + 8^2 + 12^2 = 21 + 26 + 32 + 82 + 122 \\ &:= 2^1 + 2^7 + 5^2 + 7^1 + 11^2 = 21 + 27 + 52 + 71 + 112 \\ &:= 2^2 + 2^2 + 2^8 + 3^0 + 18^1 = 22 + 22 + 28 + 30 + 181 \\ &:= 2^2 + 2^3 + 3^3 + 3^5 + 17^0 = 22 + 23 + 33 + 35 + 170 \\ &:= 2^2 + 2^4 + 3^1 + 3^5 + 17^1 = 22 + 24 + 31 + 35 + 171 \\ &:= 2^2 + 2^4 + 3^5 + 10^1 + 10^1 = 22 + 24 + 35 + 101 + 101 \\ &:= 2^2 + 2^4 + 3^5 + 4^1 + 16^1 = 22 + 24 + 35 + 41 + 161 \\ &:= 2^2 + 2^4 + 3^5 + 5^1 + 15^1 = 22 + 24 + 35 + 51 + 151 \\ &:= 2^2 + 2^4 + 3^5 + 6^1 + 14^1 = 22 + 24 + 35 + 61 + 141 \\ &:= 2^2 + 2^4 + 3^5 + 7^1 + 13^1 = 22 + 24 + 35 + 71 + 131 \\ &:= 2^2 + 2^4 + 3^5 + 8^1 + 12^1 = 22 + 24 + 35 + 81 + 121 \\ &:= 2^2 + 2^4 + 3^5 + 9^1 + 11^1 = 22 + 24 + 35 + 91 + 111 \\ &:= 2^2 + 2^4 + 5^3 + 5^3 + 13^1 = 22 + 24 + 53 + 53 + 131 \\ &:= 2^2 + 2^5 + 3^1 + 3^5 + 17^0 = 22 + 25 + 31 + 35 + 170 \\ &:= 2^2 + 2^8 + 3^1 + 10^1 + 10^1 = 22 + 28 + 31 + 101 + 101 \\ &:= 2^2 + 2^8 + 3^1 + 3^1 + 17^1 = 22 + 28 + 31 + 31 + 171 \\ &:= 2^2 + 2^8 + 3^1 + 4^1 + 16^1 = 22 + 28 + 31 + 41 + 161 \\ &:= 2^2 + 2^8 + 3^1 + 5^1 + 15^1 = 22 + 28 + 31 + 51 + 151 \\ &:= 2^2 + 2^8 + 3^1 + 6^1 + 14^1 = 22 + 28 + 31 + 61 + 141 \\ &:= 2^2 + 2^8 + 3^1 + 7^1 + 13^1 = 22 + 28 + 31 + 71 + 131 \\ &:= 2^2 + 2^8 + 3^1 + 8^1 + 12^1 = 22 + 28 + 31 + 81 + 121 \\ &:= 2^2 + 2^8 + 3^1 + 9^1 + 11^1 = 22 + 28 + 31 + 91 + 111 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^8 + 3^2 + 7^0 + 13^1 = 22 + 28 + 32 + 70 + 131 \\
 &:= 2^2 + 2^8 + 4^1 + 4^1 + 15^1 = 22 + 28 + 41 + 41 + 151 \\
 &:= 2^2 + 2^8 + 4^1 + 5^1 + 14^1 = 22 + 28 + 41 + 51 + 141 \\
 &:= 2^2 + 2^8 + 4^1 + 6^1 + 13^1 = 22 + 28 + 41 + 61 + 131 \\
 &:= 2^2 + 2^8 + 4^1 + 7^1 + 12^1 = 22 + 28 + 41 + 71 + 121 \\
 &:= 2^2 + 2^8 + 4^1 + 8^1 + 11^1 = 22 + 28 + 41 + 81 + 111 \\
 &:= 2^2 + 2^8 + 4^1 + 9^1 + 10^1 = 22 + 28 + 41 + 91 + 101 \\
 &:= 2^2 + 2^8 + 4^2 + 6^1 + 13^0 = 22 + 28 + 42 + 61 + 130 \\
 &:= 2^2 + 2^8 + 5^1 + 5^1 + 13^1 = 22 + 28 + 51 + 51 + 131 \\
 &:= 2^2 + 2^8 + 5^1 + 6^1 + 12^1 = 22 + 28 + 51 + 61 + 121 \\
 &:= 2^2 + 2^8 + 5^1 + 7^1 + 11^1 = 22 + 28 + 51 + 71 + 111 \\
 &:= 2^2 + 2^8 + 5^1 + 8^1 + 10^1 = 22 + 28 + 51 + 81 + 101 \\
 &:= 2^2 + 2^8 + 5^1 + 9^1 + 9^1 = 22 + 28 + 51 + 91 + 91 \\
 &:= 2^2 + 2^8 + 6^1 + 6^1 + 11^1 = 22 + 28 + 61 + 61 + 111 \\
 &:= 2^2 + 2^8 + 6^1 + 7^1 + 10^1 = 22 + 28 + 61 + 71 + 101 \\
 &:= 2^2 + 2^8 + 6^1 + 8^1 + 9^1 = 22 + 28 + 61 + 81 + 91 \\
 &:= 2^2 + 2^8 + 7^1 + 7^1 + 9^1 = 22 + 28 + 71 + 71 + 91 \\
 &:= 2^2 + 2^8 + 7^1 + 8^1 + 8^1 = 22 + 28 + 71 + 81 + 81 \\
 &:= 2^3 + 2^4 + 3^2 + 5^2 + 15^2 = 23 + 24 + 32 + 52 + 152 \\
 &:= 2^3 + 2^4 + 3^5 + 5^0 + 15^1 = 23 + 24 + 35 + 50 + 151 \\
 &:= 2^3 + 2^8 + 3^1 + 5^0 + 15^1 = 23 + 28 + 31 + 50 + 151 \\
 &:= 2^3 + 2^8 + 4^1 + 5^0 + 14^1 = 23 + 28 + 41 + 50 + 141 \\
 &:= 2^3 + 2^8 + 5^0 + 5^1 + 13^1 = 23 + 28 + 50 + 51 + 131 \\
 &:= 2^3 + 2^8 + 5^0 + 6^1 + 12^1 = 23 + 28 + 50 + 61 + 121 \\
 &:= 2^3 + 2^8 + 5^0 + 7^1 + 11^1 = 23 + 28 + 50 + 71 + 111 \\
 &:= 2^3 + 2^8 + 5^0 + 8^1 + 10^1 = 23 + 28 + 50 + 81 + 101 \\
 &:= 2^3 + 2^8 + 5^0 + 9^1 + 9^1 = 23 + 28 + 50 + 91 + 91 \\
 &:= 2^3 + 3^2 + 3^4 + 8^2 + 11^2 = 23 + 32 + 34 + 82 + 112
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 3^3 + 3^3 + 5^2 + 14^2 = 23 + 33 + 33 + 52 + 142 \\
 &:= 2^3 + 3^4 + 5^2 + 5^2 + 12^2 = 23 + 34 + 52 + 52 + 122 \\
 &:= 2^4 + 2^5 + 3^2 + 5^0 + 15^2 = 24 + 25 + 32 + 50 + 152 \\
 &:= 2^4 + 2^6 + 3^0 + 6^1 + 14^2 = 24 + 26 + 30 + 61 + 142 \\
 &:= 2^4 + 2^8 + 3^0 + 9^1 + 11^0 = 24 + 28 + 30 + 91 + 110 \\
 &:= 2^4 + 2^8 + 4^0 + 9^1 + 10^0 = 24 + 28 + 40 + 91 + 100 \\
 &:= 2^4 + 2^8 + 5^0 + 9^0 + 9^1 = 24 + 28 + 50 + 90 + 91 \\
 &:= 2^4 + 2^8 + 6^0 + 8^0 + 9^1 = 24 + 28 + 60 + 80 + 91 \\
 &:= 2^4 + 2^8 + 7^0 + 7^0 + 9^1 = 24 + 28 + 70 + 70 + 91 \\
 &:= 2^4 + 3^2 + 4^3 + 5^2 + 13^2 = 24 + 32 + 43 + 52 + 132 \\
 &:= 2^4 + 3^4 + 4^3 + 7^0 + 11^2 = 24 + 34 + 43 + 70 + 112 \\
 &:= 2^4 + 5^2 + 5^3 + 6^2 + 9^2 = 24 + 52 + 53 + 62 + 92 \\
 &:= 2^5 + 3^1 + 3^3 + 5^2 + 14^2 = 25 + 31 + 33 + 52 + 142 \\
 &:= 2^5 + 3^3 + 3^3 + 5^0 + 14^2 = 25 + 33 + 33 + 50 + 142 \\
 &:= 2^5 + 3^4 + 5^0 + 5^2 + 12^2 = 25 + 34 + 50 + 52 + 122 \\
 &:= 2^6 + 3^2 + 3^2 + 5^1 + 14^2 = 26 + 32 + 32 + 51 + 142 \\
 &:= 2^7 + 3^0 + 4^2 + 5^3 + 13^1 = 27 + 30 + 42 + 53 + 131 \\
 &:= 2^7 + 3^0 + 4^3 + 9^1 + 9^2 = 27 + 30 + 43 + 91 + 92 \\
 &:= 2^7 + 3^1 + 5^2 + 6^1 + 11^2 = 27 + 31 + 52 + 61 + 112 \\
 &:= 2^7 + 3^2 + 5^0 + 8^2 + 9^2 = 27 + 32 + 50 + 82 + 92 \\
 &:= 2^7 + 3^3 + 5^0 + 6^1 + 11^2 = 27 + 33 + 50 + 61 + 112 \\
 &:= 2^7 + 4^1 + 5^1 + 5^2 + 11^2 = 27 + 41 + 51 + 52 + 112 \\
 &:= 2^7 + 4^1 + 5^2 + 5^3 + 11^0 = 27 + 41 + 52 + 53 + 110 \\
 &:= 2^8 + 3^2 + 3^2 + 8^1 + 11^0 = 28 + 32 + 32 + 81 + 110 \\
 &:= 3^3 + 4^3 + 4^3 + 8^2 + 8^2 = 33 + 43 + 43 + 82 + 82 \\
 &:= 3^4 + 4^3 + 5^2 + 7^2 + 8^2 = 34 + 43 + 52 + 72 + 82
 \end{aligned}$$

2.2.185 Number 284

$$\begin{aligned}
 284 &:= 1^0 + 1^0 + 5^0 + 5^2 + 16^2 = 10 + 10 + 50 + 52 + 162 \\
 &:= 1^0 + 1^4 + 2^8 + 5^2 + 18^0 = 10 + 14 + 28 + 52 + 180 \\
 &:= 1^0 + 1^8 + 4^4 + 5^2 + 16^0 = 10 + 18 + 44 + 52 + 160 \\
 &:= 1^0 + 2^0 + 4^0 + 5^2 + 16^2 = 10 + 20 + 40 + 52 + 162 \\
 &:= 1^0 + 3^0 + 3^0 + 5^2 + 16^2 = 10 + 30 + 30 + 52 + 162 \\
 &:= 1^1 + 1^3 + 2^8 + 5^2 + 18^0 = 11 + 13 + 28 + 52 + 180 \\
 &:= 1^1 + 1^7 + 4^4 + 5^2 + 16^0 = 11 + 17 + 44 + 52 + 160 \\
 &:= 1^1 + 1^9 + 4^0 + 5^2 + 16^2 = 11 + 19 + 40 + 52 + 162
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^4 + 2^8 + 10^1 + 12^0 = 11 + 24 + 28 + 101 + 120 \\
 &:= 1^2 + 1^2 + 2^8 + 5^2 + 18^0 = 12 + 12 + 28 + 52 + 180 \\
 &:= 1^2 + 1^6 + 4^4 + 5^2 + 16^0 = 12 + 16 + 44 + 52 + 160 \\
 &:= 1^2 + 1^8 + 4^0 + 5^2 + 16^2 = 12 + 18 + 40 + 52 + 162 \\
 &:= 1^2 + 2^3 + 2^8 + 4^0 + 18^1 = 12 + 23 + 28 + 40 + 181 \\
 &:= 1^3 + 1^5 + 4^4 + 5^2 + 16^0 = 13 + 15 + 44 + 52 + 160 \\
 &:= 1^3 + 1^7 + 4^0 + 5^2 + 16^2 = 13 + 17 + 40 + 52 + 162 \\
 &:= 1^3 + 2^5 + 3^4 + 8^0 + 13^2 = 13 + 25 + 34 + 80 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^5 + 3^5 + 7^1 + 14^0 = 13 + 25 + 35 + 71 + 140 \\ &:= 1^3 + 2^5 + 5^3 + 5^3 + 14^0 = 13 + 25 + 53 + 53 + 140 \\ &:= 1^3 + 2^8 + 3^2 + 4^0 + 17^1 = 13 + 28 + 32 + 40 + 171 \\ &:= 1^3 + 2^8 + 4^2 + 10^0 + 10^1 = 13 + 28 + 42 + 100 + 101 \\ &:= 1^4 + 1^4 + 4^4 + 5^2 + 16^0 = 14 + 14 + 44 + 52 + 160 \\ &:= 1^4 + 1^6 + 4^0 + 5^2 + 16^2 = 14 + 16 + 40 + 52 + 162 \\ &:= 1^4 + 2^0 + 2^7 + 10^1 + 12^2 = 14 + 20 + 27 + 101 + 122 \\ &:= 1^4 + 2^0 + 2^8 + 5^2 + 17^0 = 14 + 20 + 28 + 52 + 170 \\ &:= 1^4 + 2^1 + 2^6 + 6^3 + 16^0 = 14 + 21 + 26 + 63 + 160 \\ &:= 1^4 + 2^6 + 4^0 + 7^2 + 13^2 = 14 + 26 + 40 + 72 + 132 \\ &:= 1^4 + 2^8 + 3^0 + 5^2 + 16^0 = 14 + 28 + 30 + 52 + 160 \\ &:= 1^4 + 2^8 + 4^0 + 5^2 + 15^0 = 14 + 28 + 40 + 52 + 150 \\ &:= 1^4 + 2^8 + 5^0 + 5^2 + 14^0 = 14 + 28 + 50 + 52 + 140 \\ &:= 1^4 + 2^8 + 5^2 + 6^0 + 13^0 = 14 + 28 + 52 + 60 + 130 \\ &:= 1^4 + 2^8 + 5^2 + 7^0 + 12^0 = 14 + 28 + 52 + 70 + 120 \\ &:= 1^4 + 2^8 + 5^2 + 8^0 + 11^0 = 14 + 28 + 52 + 80 + 110 \\ &:= 1^4 + 2^8 + 5^2 + 9^0 + 10^0 = 14 + 28 + 52 + 90 + 100 \\ &:= 1^5 + 1^5 + 4^0 + 5^2 + 16^2 = 15 + 15 + 40 + 52 + 162 \\ &:= 1^5 + 1^9 + 2^7 + 10^1 + 12^2 = 15 + 19 + 27 + 101 + 122 \\ &:= 1^5 + 1^9 + 2^8 + 5^2 + 17^0 = 15 + 19 + 28 + 52 + 170 \\ &:= 1^5 + 2^0 + 2^5 + 9^2 + 13^2 = 15 + 20 + 25 + 92 + 132 \\ &:= 1^5 + 2^4 + 4^4 + 10^0 + 10^1 = 15 + 24 + 44 + 100 + 101 \\ &:= 1^5 + 2^5 + 4^0 + 5^2 + 15^2 = 15 + 25 + 40 + 52 + 152 \\ &:= 1^5 + 3^3 + 3^5 + 8^0 + 12^1 = 15 + 33 + 35 + 80 + 121 \\ &:= 1^6 + 1^8 + 2^7 + 10^1 + 12^2 = 16 + 18 + 27 + 101 + 122 \\ &:= 1^6 + 1^8 + 2^8 + 5^2 + 17^0 = 16 + 18 + 28 + 52 + 170 \\ &:= 1^6 + 1^9 + 2^5 + 9^2 + 13^2 = 16 + 19 + 25 + 92 + 132 \\ &:= 1^6 + 2^0 + 2^3 + 4^4 + 18^1 = 16 + 20 + 23 + 44 + 181 \\ &:= 1^6 + 2^3 + 2^7 + 2^7 + 19^1 = 16 + 23 + 27 + 27 + 191 \\ &:= 1^6 + 3^1 + 3^5 + 6^2 + 14^0 = 16 + 31 + 35 + 62 + 140 \\ &:= 1^6 + 3^5 + 4^0 + 5^2 + 14^1 = 16 + 35 + 40 + 52 + 141 \\ &:= 1^7 + 1^7 + 2^7 + 10^1 + 12^2 = 17 + 17 + 27 + 101 + 122 \\ &:= 1^7 + 1^7 + 2^8 + 5^2 + 17^0 = 17 + 17 + 28 + 52 + 170 \\ &:= 1^7 + 1^8 + 2^5 + 9^2 + 13^2 = 17 + 18 + 25 + 92 + 132 \\ &:= 1^7 + 1^9 + 2^3 + 4^4 + 18^1 = 17 + 19 + 23 + 44 + 181 \\ &:= 1^7 + 2^0 + 2^3 + 7^2 + 15^2 = 17 + 20 + 23 + 72 + 152 \\ &:= 1^7 + 2^0 + 3^2 + 4^4 + 17^1 = 17 + 20 + 32 + 44 + 171 \\ &:= 1^7 + 2^0 + 4^3 + 7^2 + 13^2 = 17 + 20 + 43 + 72 + 132 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^1 + 4^3 + 6^3 + 14^0 = 17 + 21 + 43 + 63 + 140 \\ &:= 1^7 + 2^7 + 2^7 + 3^2 + 18^1 = 17 + 27 + 27 + 32 + 181 \\ &:= 1^7 + 3^4 + 4^0 + 5^1 + 14^2 = 17 + 34 + 40 + 51 + 142 \\ &:= 1^7 + 4^0 + 5^3 + 6^2 + 11^2 = 17 + 40 + 53 + 62 + 112 \\ &:= 1^7 + 4^2 + 4^4 + 8^0 + 10^1 = 17 + 42 + 44 + 80 + 101 \\ &:= 1^8 + 1^8 + 2^3 + 4^4 + 18^1 = 18 + 18 + 23 + 44 + 181 \\ &:= 1^8 + 1^9 + 2^3 + 7^2 + 15^2 = 18 + 19 + 23 + 72 + 152 \\ &:= 1^8 + 1^9 + 3^2 + 4^4 + 17^1 = 18 + 19 + 32 + 44 + 171 \\ &:= 1^8 + 1^9 + 4^3 + 7^2 + 13^2 = 18 + 19 + 43 + 72 + 132 \\ &:= 1^8 + 2^0 + 4^4 + 5^2 + 15^0 = 18 + 20 + 44 + 52 + 150 \\ &:= 1^8 + 2^1 + 6^3 + 8^2 + 10^0 = 18 + 21 + 63 + 82 + 100 \\ &:= 1^8 + 3^0 + 4^4 + 5^2 + 14^0 = 18 + 30 + 44 + 52 + 140 \\ &:= 1^8 + 4^0 + 4^4 + 5^2 + 13^0 = 18 + 40 + 44 + 52 + 130 \\ &:= 1^8 + 4^4 + 5^0 + 5^2 + 12^0 = 18 + 44 + 50 + 52 + 120 \\ &:= 1^8 + 4^4 + 5^2 + 6^0 + 11^0 = 18 + 44 + 52 + 60 + 110 \\ &:= 1^8 + 4^4 + 5^2 + 7^0 + 10^0 = 18 + 44 + 52 + 70 + 100 \\ &:= 1^8 + 4^4 + 5^2 + 8^0 + 9^0 = 18 + 44 + 52 + 80 + 90 \\ &:= 1^9 + 1^9 + 4^4 + 5^2 + 15^0 = 19 + 19 + 44 + 52 + 150 \\ &:= 2^0 + 2^0 + 3^0 + 5^2 + 16^2 = 20 + 20 + 30 + 52 + 162 \\ &:= 2^1 + 2^4 + 2^8 + 9^1 + 12^0 = 21 + 24 + 28 + 91 + 120 \\ &:= 2^2 + 2^2 + 2^5 + 3^5 + 18^0 = 22 + 22 + 25 + 35 + 180 \\ &:= 2^2 + 2^3 + 2^8 + 6^0 + 15^1 = 22 + 23 + 28 + 60 + 151 \\ &:= 2^3 + 2^4 + 3^5 + 4^2 + 16^0 = 23 + 24 + 35 + 42 + 160 \\ &:= 2^3 + 2^5 + 3^3 + 6^3 + 14^0 = 23 + 25 + 33 + 63 + 140 \\ &:= 2^3 + 2^8 + 3^1 + 4^2 + 16^0 = 23 + 28 + 31 + 42 + 160 \\ &:= 2^3 + 2^8 + 3^2 + 10^0 + 10^1 = 23 + 28 + 32 + 100 + 101 \\ &:= 2^4 + 2^4 + 3^5 + 8^1 + 12^0 = 24 + 24 + 35 + 81 + 120 \\ &:= 2^4 + 2^8 + 3^1 + 8^1 + 12^0 = 24 + 28 + 31 + 81 + 120 \\ &:= 2^4 + 2^8 + 4^1 + 7^1 + 12^0 = 24 + 28 + 41 + 71 + 120 \\ &:= 2^4 + 2^8 + 5^1 + 6^1 + 12^0 = 24 + 28 + 51 + 61 + 120 \\ &:= 2^5 + 2^5 + 3^1 + 6^3 + 14^0 = 25 + 25 + 31 + 63 + 140 \\ &:= 2^6 + 3^4 + 4^0 + 5^3 + 13^1 = 26 + 34 + 40 + 53 + 131 \\ &:= 2^7 + 3^1 + 3^3 + 5^3 + 14^0 = 27 + 31 + 33 + 53 + 140 \\ &:= 2^7 + 3^3 + 6^0 + 8^2 + 8^2 = 27 + 33 + 60 + 82 + 82 \\ &:= 2^7 + 3^4 + 4^0 + 8^2 + 10^1 = 27 + 34 + 40 + 82 + 101 \\ &:= 2^8 + 3^2 + 3^2 + 3^2 + 16^0 = 28 + 32 + 32 + 32 + 160 \end{aligned}$$

2.2.186 Number 285

$$\begin{aligned}
 285 &:= 1^0 + 3^3 + 8^0 + 16^2 = 10 + 33 + 80 + 162 & := 1^4 + 1^4 + 3^2 + 4^4 + 18^1 = 14 + 14 + 32 + 44 + 181 \\
 &:= 1^4 + 2^8 + 3^3 + 21^0 = 14 + 28 + 33 + 210 & := 1^4 + 1^5 + 3^2 + 7^2 + 15^2 = 14 + 15 + 32 + 72 + 152 \\
 &:= 1^5 + 2^7 + 12^1 + 12^2 = 15 + 27 + 121 + 122 & := 1^4 + 2^1 + 2^7 + 10^1 + 12^2 = 14 + 21 + 27 + 101 + 122 \\
 &:= 1^7 + 2^3 + 4^4 + 20^1 = 17 + 23 + 44 + 201 & := 1^4 + 2^1 + 2^8 + 5^2 + 17^0 = 14 + 21 + 28 + 52 + 170 \\
 &:= 1^8 + 3^2 + 4^4 + 19^1 = 18 + 32 + 44 + 191 & := 1^4 + 2^3 + 2^4 + 8^2 + 14^2 = 14 + 23 + 24 + 82 + 142 \\
 &:= 1^8 + 3^3 + 4^4 + 19^0 = 18 + 33 + 44 + 190 & := 1^4 + 2^3 + 3^5 + 4^2 + 17^1 = 14 + 23 + 35 + 42 + 171 \\
 &:= 2^0 + 3^3 + 7^0 + 16^2 = 20 + 33 + 70 + 162 & := 1^4 + 2^5 + 3^5 + 8^1 + 13^0 = 14 + 25 + 35 + 81 + 130 \\
 &:= 3^0 + 3^3 + 6^0 + 16^2 = 30 + 33 + 60 + 162 & := 1^4 + 2^7 + 3^1 + 9^1 + 12^2 = 14 + 27 + 31 + 91 + 122 \\
 &:= 3^1 + 4^0 + 5^2 + 16^2 = 31 + 40 + 52 + 162 & := 1^4 + 2^7 + 4^1 + 8^1 + 12^2 = 14 + 27 + 41 + 81 + 122 \\
 &:= 3^3 + 4^0 + 5^0 + 16^2 = 33 + 40 + 50 + 162 & := 1^4 + 2^7 + 5^1 + 7^1 + 12^2 = 14 + 27 + 51 + 71 + 122 \\
 &:= 1^0 + 1^5 + 2^7 + 11^1 + 12^2 = 10 + 15 + 27 + 111 + 122 & := 1^4 + 2^7 + 6^1 + 6^1 + 12^2 = 14 + 27 + 61 + 61 + 122 \\
 &:= 1^0 + 1^7 + 2^3 + 4^4 + 19^1 = 10 + 17 + 23 + 44 + 191 & := 1^4 + 2^8 + 3^0 + 3^2 + 18^1 = 14 + 28 + 30 + 32 + 181 \\
 &:= 1^0 + 1^8 + 3^2 + 4^4 + 18^1 = 10 + 18 + 32 + 44 + 181 & := 1^4 + 2^8 + 4^2 + 9^0 + 11^1 = 14 + 28 + 42 + 90 + 111 \\
 &:= 1^0 + 1^9 + 3^2 + 7^2 + 15^2 = 10 + 19 + 32 + 72 + 152 & := 1^4 + 3^4 + 4^3 + 5^3 + 14^1 = 14 + 34 + 43 + 53 + 141 \\
 &:= 1^0 + 2^1 + 4^0 + 5^2 + 16^2 = 10 + 21 + 40 + 52 + 162 & := 1^5 + 2^1 + 2^5 + 9^2 + 13^2 = 15 + 21 + 25 + 92 + 132 \\
 &:= 1^1 + 1^4 + 2^7 + 11^1 + 12^2 = 11 + 14 + 27 + 111 + 122 & := 1^5 + 2^6 + 3^1 + 6^3 + 15^0 = 15 + 26 + 31 + 63 + 150 \\
 &:= 1^1 + 1^6 + 2^3 + 4^4 + 19^1 = 11 + 16 + 23 + 44 + 191 & := 1^5 + 3^2 + 3^5 + 4^2 + 16^1 = 15 + 32 + 35 + 42 + 161 \\
 &:= 1^1 + 1^7 + 3^2 + 4^4 + 18^1 = 11 + 17 + 32 + 44 + 181 & := 1^5 + 3^3 + 3^3 + 6^3 + 14^1 = 15 + 33 + 33 + 63 + 141 \\
 &:= 1^1 + 1^8 + 3^2 + 7^2 + 15^2 = 11 + 18 + 32 + 72 + 152 & := 1^5 + 3^3 + 3^4 + 7^1 + 13^2 = 15 + 33 + 34 + 71 + 132 \\
 &:= 1^2 + 1^3 + 2^7 + 11^1 + 12^2 = 12 + 13 + 27 + 111 + 122 & := 1^5 + 3^3 + 4^3 + 7^2 + 12^2 = 15 + 33 + 43 + 72 + 122 \\
 &:= 1^2 + 1^5 + 2^3 + 4^4 + 19^1 = 12 + 15 + 23 + 44 + 191 & := 1^5 + 3^4 + 3^4 + 9^0 + 11^2 = 15 + 34 + 34 + 90 + 112 \\
 &:= 1^2 + 1^6 + 3^2 + 4^4 + 18^1 = 12 + 16 + 32 + 44 + 181 & := 1^6 + 2^1 + 2^3 + 4^4 + 18^1 = 16 + 21 + 23 + 44 + 181 \\
 &:= 1^2 + 1^7 + 3^2 + 7^2 + 15^2 = 12 + 17 + 32 + 72 + 152 & := 1^6 + 2^2 + 3^5 + 6^2 + 15^0 = 16 + 22 + 35 + 62 + 150 \\
 &:= 1^2 + 2^2 + 2^2 + 2^8 + 20^1 = 12 + 22 + 22 + 28 + 201 & := 1^6 + 2^3 + 3^1 + 4^4 + 17^1 = 16 + 23 + 31 + 44 + 171 \\
 &:= 1^2 + 2^3 + 2^5 + 3^5 + 19^0 = 12 + 23 + 25 + 35 + 190 & := 1^6 + 2^3 + 4^1 + 4^4 + 16^1 = 16 + 23 + 41 + 44 + 161 \\
 &:= 1^2 + 2^4 + 2^6 + 8^1 + 14^2 = 12 + 24 + 26 + 81 + 142 & := 1^6 + 2^3 + 4^4 + 10^1 + 10^1 = 16 + 23 + 44 + 101 + 101 \\
 &:= 1^2 + 2^4 + 2^8 + 11^0 + 11^1 = 12 + 24 + 28 + 110 + 111 & := 1^6 + 2^3 + 4^4 + 5^1 + 15^1 = 16 + 23 + 44 + 51 + 151 \\
 &:= 1^2 + 2^7 + 4^2 + 5^3 + 15^1 = 12 + 27 + 42 + 53 + 151 & := 1^6 + 2^3 + 4^4 + 6^1 + 14^1 = 16 + 23 + 44 + 61 + 141 \\
 &:= 1^2 + 2^7 + 4^3 + 9^2 + 11^1 = 12 + 27 + 43 + 92 + 111 & := 1^6 + 2^3 + 4^4 + 7^1 + 13^1 = 16 + 23 + 44 + 71 + 131 \\
 &:= 1^3 + 1^4 + 2^3 + 4^4 + 19^1 = 13 + 14 + 23 + 44 + 191 & := 1^6 + 2^3 + 4^4 + 8^1 + 12^1 = 16 + 23 + 44 + 81 + 121 \\
 &:= 1^3 + 1^5 + 3^2 + 4^4 + 18^1 = 13 + 15 + 32 + 44 + 181 & := 1^6 + 2^3 + 4^4 + 9^1 + 11^1 = 16 + 23 + 44 + 91 + 111 \\
 &:= 1^3 + 1^6 + 3^2 + 7^2 + 15^2 = 13 + 16 + 32 + 72 + 152 & := 1^6 + 2^3 + 5^3 + 7^1 + 12^2 = 16 + 23 + 53 + 71 + 122 \\
 &:= 1^3 + 2^3 + 2^5 + 10^2 + 12^2 = 13 + 23 + 25 + 102 + 122 & := 1^6 + 2^3 + 6^3 + 7^2 + 11^1 = 16 + 23 + 63 + 72 + 111 \\
 &:= 1^3 + 2^3 + 2^8 + 3^0 + 19^1 = 13 + 23 + 28 + 30 + 191 & := 1^6 + 2^4 + 4^4 + 9^0 + 11^1 = 16 + 24 + 44 + 90 + 111 \\
 &:= 1^3 + 2^5 + 3^3 + 9^2 + 12^2 = 13 + 25 + 33 + 92 + 122 & := 1^6 + 3^1 + 3^4 + 10^2 + 10^2 = 16 + 31 + 34 + 102 + 102 \\
 &:= 1^3 + 2^7 + 7^1 + 7^2 + 10^2 = 13 + 27 + 71 + 72 + 102 & := 1^6 + 3^3 + 3^3 + 5^1 + 15^2 = 16 + 33 + 33 + 51 + 152
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 3^3 + 3^5 + 7^0 + 13^1 = 16 + 33 + 35 + 70 + 131 \\
 &:= 1^6 + 3^3 + 4^2 + 4^2 + 15^2 = 16 + 33 + 42 + 42 + 152 \\
 &:= 1^7 + 2^1 + 2^3 + 7^2 + 15^2 = 17 + 21 + 23 + 72 + 152 \\
 &:= 1^7 + 2^1 + 3^2 + 4^4 + 17^1 = 17 + 21 + 32 + 44 + 171 \\
 &:= 1^7 + 2^1 + 4^3 + 7^2 + 13^2 = 17 + 21 + 43 + 72 + 132 \\
 &:= 1^7 + 2^3 + 4^1 + 4^2 + 16^2 = 17 + 23 + 41 + 42 + 162 \\
 &:= 1^7 + 3^0 + 3^4 + 9^2 + 11^2 = 17 + 30 + 34 + 92 + 112 \\
 &:= 1^7 + 3^0 + 3^5 + 5^2 + 15^1 = 17 + 30 + 35 + 52 + 151 \\
 &:= 1^7 + 3^1 + 3^2 + 4^4 + 16^1 = 17 + 31 + 32 + 44 + 161 \\
 &:= 1^7 + 3^2 + 4^1 + 4^4 + 15^1 = 17 + 32 + 41 + 44 + 151 \\
 &:= 1^7 + 3^2 + 4^4 + 5^1 + 14^1 = 17 + 32 + 44 + 51 + 141 \\
 &:= 1^7 + 3^2 + 4^4 + 6^1 + 13^1 = 17 + 32 + 44 + 61 + 131 \\
 &:= 1^7 + 3^2 + 4^4 + 7^1 + 12^1 = 17 + 32 + 44 + 71 + 121 \\
 &:= 1^7 + 3^2 + 4^4 + 8^1 + 11^1 = 17 + 32 + 44 + 81 + 111 \\
 &:= 1^7 + 3^2 + 4^4 + 9^1 + 10^1 = 17 + 32 + 44 + 91 + 101 \\
 &:= 1^7 + 3^2 + 5^3 + 6^1 + 12^2 = 17 + 32 + 53 + 61 + 122 \\
 &:= 1^7 + 3^2 + 6^3 + 7^2 + 10^1 = 17 + 32 + 63 + 72 + 101 \\
 &:= 1^7 + 3^5 + 4^1 + 6^2 + 13^0 = 17 + 35 + 41 + 62 + 130 \\
 &:= 1^8 + 2^1 + 4^4 + 5^2 + 15^0 = 18 + 21 + 44 + 52 + 150 \\
 &:= 1^8 + 2^7 + 2^7 + 3^3 + 18^0 = 18 + 27 + 27 + 33 + 180 \\
 &:= 1^8 + 3^0 + 3^4 + 6^1 + 14^2 = 18 + 30 + 34 + 61 + 142 \\
 &:= 1^8 + 3^1 + 3^2 + 4^2 + 16^2 = 18 + 31 + 32 + 42 + 162 \\
 &:= 1^8 + 3^1 + 4^3 + 6^3 + 13^0 = 18 + 31 + 43 + 63 + 130 \\
 &:= 1^8 + 4^2 + 4^4 + 7^0 + 11^1 = 18 + 42 + 44 + 70 + 111 \\
 &:= 1^9 + 3^1 + 6^3 + 8^2 + 9^0 = 19 + 31 + 63 + 82 + 90 \\
 &:= 2^0 + 2^1 + 3^0 + 5^2 + 16^2 = 20 + 21 + 30 + 52 + 162 \\
 &:= 2^2 + 2^3 + 2^8 + 4^2 + 17^0 = 22 + 23 + 28 + 42 + 170 \\
 &:= 2^2 + 2^4 + 2^5 + 8^2 + 13^2 = 22 + 24 + 25 + 82 + 132 \\
 &:= 2^2 + 2^4 + 2^8 + 8^1 + 13^0 = 22 + 24 + 28 + 81 + 130 \\
 &:= 2^2 + 2^5 + 2^5 + 6^3 + 15^0 = 22 + 25 + 25 + 63 + 150 \\
 &:= 2^2 + 2^7 + 3^3 + 5^3 + 15^0 = 22 + 27 + 33 + 53 + 150 \\
 &:= 2^3 + 2^3 + 2^3 + 3^5 + 18^1 = 23 + 23 + 23 + 35 + 181 \\
 &:= 2^3 + 2^3 + 2^8 + 9^0 + 12^1 = 23 + 23 + 28 + 90 + 121 \\
 &:= 2^3 + 2^4 + 2^4 + 7^2 + 14^2 = 23 + 24 + 24 + 72 + 142 \\
 &:= 2^3 + 2^4 + 2^6 + 7^0 + 14^2 = 23 + 24 + 26 + 70 + 142 \\
 &:= 2^3 + 2^5 + 3^3 + 7^2 + 13^2 = 23 + 25 + 33 + 72 + 132 \\
 &:= 2^3 + 2^5 + 4^3 + 9^2 + 10^2 = 23 + 25 + 43 + 92 + 102 \\
 &:= 2^3 + 2^7 + 3^3 + 9^0 + 11^2 = 23 + 27 + 33 + 90 + 112 \\
 &:= 2^4 + 2^4 + 3^2 + 3^5 + 17^0 = 24 + 24 + 32 + 35 + 170 \\
 &:= 2^4 + 2^5 + 4^2 + 5^2 + 14^2 = 24 + 25 + 42 + 52 + 142 \\
 &:= 2^4 + 2^6 + 3^1 + 9^2 + 11^2 = 24 + 26 + 31 + 92 + 112 \\
 &:= 2^4 + 2^7 + 3^0 + 5^3 + 15^1 = 24 + 27 + 30 + 53 + 151 \\
 &:= 2^4 + 2^8 + 3^1 + 3^2 + 17^0 = 24 + 28 + 31 + 32 + 170 \\
 &:= 2^5 + 2^5 + 3^1 + 7^2 + 13^2 = 25 + 25 + 31 + 72 + 132 \\
 &:= 2^5 + 2^7 + 3^1 + 9^0 + 11^2 = 25 + 27 + 31 + 90 + 112 \\
 &:= 2^5 + 3^3 + 4^3 + 9^2 + 9^2 = 25 + 33 + 43 + 92 + 92 \\
 &:= 2^5 + 3^4 + 4^3 + 8^1 + 10^2 = 25 + 34 + 43 + 81 + 102 \\
 &:= 2^5 + 3^4 + 5^3 + 6^2 + 11^1 = 25 + 34 + 53 + 62 + 111 \\
 &:= 2^5 + 3^4 + 6^2 + 6^2 + 10^2 = 25 + 34 + 62 + 62 + 102 \\
 &:= 2^6 + 3^2 + 3^3 + 8^2 + 11^2 = 26 + 32 + 33 + 82 + 112 \\
 &:= 2^6 + 3^3 + 5^2 + 5^2 + 12^2 = 26 + 33 + 52 + 52 + 122 \\
 &:= 2^7 + 3^2 + 3^2 + 5^3 + 14^1 = 27 + 32 + 32 + 53 + 141 \\
 &:= 2^7 + 3^4 + 4^3 + 7^0 + 11^1 = 27 + 34 + 43 + 70 + 111 \\
 &:= 2^7 + 4^3 + 6^2 + 7^2 + 8^1 = 27 + 43 + 62 + 72 + 81 \\
 &:= 2^7 + 6^2 + 6^2 + 6^2 + 7^2 = 27 + 62 + 62 + 62 + 72
 \end{aligned}$$

2.2.187 Number 286

$$\begin{aligned}
 286 &:= 6^2 + 9^2 + 13^2 = 62 + 92 + 132 \\
 &:= 1^0 + 4^2 + 10^2 + 13^2 = 10 + 42 + 102 + 132 \\
 &:= 1^0 + 5^2 + 8^2 + 14^2 = 10 + 52 + 82 + 142 \\
 &:= 2^1 + 3^3 + 7^0 + 16^2 = 21 + 33 + 70 + 162 \\
 &:= 2^2 + 5^0 + 5^2 + 16^2 = 22 + 50 + 52 + 162 \\
 &:= 5^1 + 6^3 + 8^2 + 9^0 = 51 + 63 + 82 + 90 \\
 &:= 1^0 + 1^1 + 3^3 + 7^0 + 16^2 = 10 + 11 + 33 + 70 + 162 \\
 &:= 1^0 + 1^5 + 2^8 + 3^3 + 20^0 = 10 + 15 + 28 + 33 + 200 \\
 &:= 1^0 + 1^9 + 3^3 + 4^4 + 18^0 = 10 + 19 + 33 + 44 + 180 \\
 &:= 1^0 + 4^1 + 6^3 + 8^2 + 9^0 = 10 + 41 + 63 + 82 + 90 \\
 &:= 1^1 + 1^4 + 2^8 + 3^3 + 20^0 = 11 + 14 + 28 + 33 + 200 \\
 &:= 1^1 + 1^8 + 3^3 + 4^4 + 18^0 = 11 + 18 + 33 + 44 + 180 \\
 &:= 1^1 + 2^0 + 3^3 + 6^0 + 16^2 = 11 + 20 + 33 + 60 + 162 \\
 &:= 1^1 + 3^0 + 3^1 + 5^2 + 16^2 = 11 + 30 + 31 + 52 + 162
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 3^0 + 3^3 + 5^0 + 16^2 = 11 + 30 + 33 + 50 + 162 \\ &:= 1^1 + 3^3 + 4^0 + 4^0 + 16^2 = 11 + 33 + 40 + 40 + 162 \\ &:= 1^2 + 1^3 + 2^8 + 3^3 + 20^0 = 12 + 13 + 28 + 33 + 200 \\ &:= 1^2 + 1^7 + 3^3 + 4^4 + 18^0 = 12 + 17 + 33 + 44 + 180 \\ &:= 1^2 + 1^9 + 3^3 + 6^0 + 16^2 = 12 + 19 + 33 + 60 + 162 \\ &:= 1^3 + 1^6 + 3^3 + 4^4 + 18^0 = 13 + 16 + 33 + 44 + 180 \\ &:= 1^3 + 1^8 + 3^3 + 6^0 + 16^2 = 13 + 18 + 33 + 60 + 162 \\ &:= 1^3 + 2^4 + 2^8 + 10^0 + 12^1 = 13 + 24 + 28 + 100 + 121 \\ &:= 1^4 + 1^5 + 3^3 + 4^4 + 18^0 = 14 + 15 + 33 + 44 + 180 \\ &:= 1^4 + 1^7 + 3^3 + 6^0 + 16^2 = 14 + 17 + 33 + 60 + 162 \\ &:= 1^4 + 2^0 + 2^3 + 2^8 + 20^1 = 14 + 20 + 23 + 28 + 201 \\ &:= 1^4 + 2^5 + 3^2 + 3^5 + 18^0 = 14 + 25 + 32 + 35 + 180 \\ &:= 1^5 + 1^6 + 3^3 + 6^0 + 16^2 = 15 + 16 + 33 + 60 + 162 \\ &:= 1^5 + 1^9 + 2^3 + 2^8 + 20^1 = 15 + 19 + 23 + 28 + 201 \\ &:= 1^5 + 2^0 + 2^8 + 3^2 + 19^1 = 15 + 20 + 28 + 32 + 191 \\ &:= 1^5 + 2^0 + 2^8 + 3^3 + 19^0 = 15 + 20 + 28 + 33 + 190 \\ &:= 1^5 + 2^2 + 2^6 + 6^3 + 16^0 = 15 + 22 + 26 + 63 + 160 \\ &:= 1^5 + 2^4 + 3^5 + 5^2 + 16^0 = 15 + 24 + 35 + 52 + 160 \\ &:= 1^5 + 2^5 + 3^5 + 9^1 + 12^0 = 15 + 25 + 35 + 91 + 120 \\ &:= 1^5 + 2^8 + 3^0 + 3^3 + 18^0 = 15 + 28 + 30 + 33 + 180 \\ &:= 1^5 + 2^8 + 3^1 + 5^2 + 16^0 = 15 + 28 + 31 + 52 + 160 \\ &:= 1^5 + 2^8 + 3^3 + 10^0 + 11^0 = 15 + 28 + 33 + 100 + 110 \\ &:= 1^5 + 2^8 + 3^3 + 4^0 + 17^0 = 15 + 28 + 33 + 40 + 170 \\ &:= 1^5 + 2^8 + 3^3 + 5^0 + 16^0 = 15 + 28 + 33 + 50 + 160 \\ &:= 1^5 + 2^8 + 3^3 + 6^0 + 15^0 = 15 + 28 + 33 + 60 + 150 \\ &:= 1^5 + 2^8 + 3^3 + 7^0 + 14^0 = 15 + 28 + 33 + 70 + 140 \\ &:= 1^5 + 2^8 + 3^3 + 8^0 + 13^0 = 15 + 28 + 33 + 80 + 130 \\ &:= 1^5 + 2^8 + 3^3 + 9^0 + 12^0 = 15 + 28 + 33 + 90 + 120 \\ &:= 1^5 + 2^8 + 4^2 + 8^0 + 12^1 = 15 + 28 + 42 + 80 + 121 \\ &:= 1^6 + 1^8 + 2^3 + 2^8 + 20^1 = 16 + 18 + 23 + 28 + 201 \\ &:= 1^6 + 1^9 + 2^8 + 3^2 + 19^1 = 16 + 19 + 28 + 32 + 191 \\ &:= 1^6 + 1^9 + 2^8 + 3^3 + 19^0 = 16 + 19 + 28 + 33 + 190 \\ &:= 1^6 + 2^5 + 3^3 + 6^0 + 15^2 = 16 + 25 + 33 + 60 + 152 \\ &:= 1^6 + 2^5 + 6^2 + 6^3 + 12^0 = 16 + 25 + 62 + 63 + 120 \\ &:= 1^6 + 2^6 + 4^1 + 6^3 + 14^0 = 16 + 26 + 41 + 63 + 140 \\ &:= 1^7 + 1^7 + 2^3 + 2^8 + 20^1 = 17 + 17 + 23 + 28 + 201 \\ &:= 1^7 + 1^8 + 2^8 + 3^2 + 19^1 = 17 + 18 + 28 + 32 + 191 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 1^8 + 2^8 + 3^3 + 19^0 = 17 + 18 + 28 + 33 + 190 \\ &:= 1^7 + 2^4 + 4^4 + 8^0 + 12^1 = 17 + 24 + 44 + 80 + 121 \\ &:= 1^7 + 3^3 + 3^5 + 6^0 + 14^1 = 17 + 33 + 35 + 60 + 141 \\ &:= 1^7 + 3^5 + 4^2 + 5^2 + 14^0 = 17 + 35 + 42 + 52 + 140 \\ &:= 1^8 + 2^0 + 3^5 + 5^2 + 16^1 = 18 + 20 + 35 + 52 + 161 \\ &:= 1^8 + 2^2 + 4^3 + 6^3 + 14^0 = 18 + 22 + 43 + 63 + 140 \\ &:= 1^8 + 3^5 + 5^1 + 6^2 + 12^0 = 18 + 35 + 51 + 62 + 120 \\ &:= 1^9 + 1^9 + 3^5 + 5^2 + 16^1 = 19 + 19 + 35 + 52 + 161 \\ &:= 1^9 + 2^0 + 3^3 + 4^4 + 17^0 = 19 + 20 + 33 + 44 + 170 \\ &:= 1^9 + 2^0 + 3^4 + 7^1 + 14^2 = 19 + 20 + 34 + 71 + 142 \\ &:= 1^9 + 2^2 + 6^3 + 8^2 + 10^0 = 19 + 22 + 63 + 82 + 100 \\ &:= 1^9 + 3^0 + 3^3 + 4^4 + 16^0 = 19 + 30 + 33 + 44 + 160 \\ &:= 1^9 + 3^1 + 4^4 + 5^2 + 14^0 = 19 + 31 + 44 + 52 + 140 \\ &:= 1^9 + 3^3 + 4^0 + 4^4 + 15^0 = 19 + 33 + 40 + 44 + 150 \\ &:= 1^9 + 3^3 + 4^4 + 5^0 + 14^0 = 19 + 33 + 44 + 50 + 140 \\ &:= 1^9 + 3^3 + 4^4 + 6^0 + 13^0 = 19 + 33 + 44 + 60 + 130 \\ &:= 1^9 + 3^3 + 4^4 + 7^0 + 12^0 = 19 + 33 + 44 + 70 + 120 \\ &:= 1^9 + 3^3 + 4^4 + 8^0 + 11^0 = 19 + 33 + 44 + 80 + 110 \\ &:= 1^9 + 3^3 + 4^4 + 9^0 + 10^0 = 19 + 33 + 44 + 90 + 100 \\ &:= 1^9 + 4^1 + 4^3 + 6^3 + 12^0 = 19 + 41 + 43 + 63 + 120 \\ &:= 1^9 + 4^2 + 4^4 + 6^0 + 12^1 = 19 + 42 + 44 + 60 + 121 \\ &:= 2^0 + 2^6 + 2^7 + 9^2 + 12^1 = 20 + 26 + 27 + 92 + 121 \\ &:= 2^0 + 4^1 + 6^3 + 8^0 + 8^2 = 20 + 41 + 63 + 80 + 82 \\ &:= 2^1 + 2^1 + 3^0 + 5^2 + 16^2 = 21 + 21 + 30 + 52 + 162 \\ &:= 2^2 + 2^4 + 2^8 + 3^2 + 18^0 = 22 + 24 + 28 + 32 + 180 \\ &:= 2^2 + 2^5 + 2^7 + 10^0 + 11^2 = 22 + 25 + 27 + 100 + 112 \\ &:= 2^3 + 2^4 + 2^8 + 5^1 + 16^0 = 23 + 24 + 28 + 51 + 160 \\ &:= 2^4 + 2^7 + 4^2 + 5^3 + 14^0 = 24 + 27 + 42 + 53 + 140 \\ &:= 2^5 + 2^6 + 5^3 + 8^2 + 10^0 = 25 + 26 + 53 + 82 + 100 \\ &:= 2^5 + 2^7 + 5^2 + 8^0 + 10^2 = 25 + 27 + 52 + 80 + 102 \\ &:= 2^6 + 2^6 + 6^0 + 6^2 + 11^2 = 26 + 26 + 60 + 62 + 112 \\ &:= 2^7 + 3^3 + 3^4 + 7^2 + 12^0 = 27 + 33 + 34 + 72 + 120 \\ &:= 3^0 + 4^1 + 6^3 + 7^0 + 8^2 = 30 + 41 + 63 + 70 + 82 \\ &:= 4^0 + 4^1 + 6^0 + 6^3 + 8^2 = 40 + 41 + 60 + 63 + 82 \\ &:= 4^1 + 5^0 + 5^0 + 6^3 + 8^2 = 41 + 50 + 50 + 63 + 82 \end{aligned}$$

2.2.188 Number 287

$$\begin{aligned}
 287 &:= 1^5 + 2^3 + 2^8 + 22^1 &= 15 + 23 + 28 + 221 &:= 1^2 + 1^8 + 4^3 + 10^2 + 11^2 = 12 + 18 + 43 + 102 + 112 \\
 &:= 1^6 + 2^8 + 3^2 + 21^1 &= 16 + 28 + 32 + 211 &:= 1^2 + 2^0 + 4^1 + 5^2 + 16^2 = 12 + 20 + 41 + 52 + 162 \\
 &:= 1^9 + 3^5 + 5^2 + 18^1 &= 19 + 35 + 52 + 181 &:= 1^2 + 2^4 + 2^7 + 5^3 + 17^1 = 12 + 24 + 27 + 53 + 171 \\
 &:= 2^0 + 3^4 + 9^1 + 14^2 &= 20 + 34 + 91 + 142 &:= 1^2 + 2^5 + 2^7 + 5^3 + 17^0 = 12 + 25 + 27 + 53 + 170 \\
 &:= 4^2 + 4^4 + 6^0 + 14^1 &= 42 + 44 + 60 + 141 &:= 1^3 + 1^3 + 2^8 + 3^2 + 20^1 = 13 + 13 + 28 + 32 + 201 \\
 &:= 4^3 + 6^1 + 6^3 + 12^0 &= 43 + 61 + 63 + 120 &:= 1^3 + 1^6 + 2^4 + 10^2 + 13^2 = 13 + 16 + 24 + 102 + 132 \\
 &:= 4^4 + 5^1 + 5^2 + 14^0 &= 44 + 51 + 52 + 140 &:= 1^3 + 1^6 + 3^5 + 5^2 + 17^1 = 13 + 16 + 35 + 52 + 171 \\
 &:= 1^0 + 1^5 + 2^3 + 2^8 + 21^1 &= 10 + 15 + 23 + 28 + 211 &:= 1^3 + 1^7 + 2^3 + 9^2 + 14^2 = 13 + 17 + 23 + 92 + 142 \\
 &:= 1^0 + 1^6 + 2^8 + 3^2 + 20^1 &= 10 + 16 + 28 + 32 + 201 &:= 1^3 + 1^7 + 3^4 + 8^1 + 14^2 = 13 + 17 + 34 + 81 + 142 \\
 &:= 1^0 + 1^9 + 2^4 + 10^2 + 13^2 &= 10 + 19 + 24 + 102 + 132 &:= 1^3 + 1^7 + 4^3 + 10^2 + 11^2 = 13 + 17 + 43 + 102 + 112 \\
 &:= 1^0 + 1^9 + 3^5 + 5^2 + 17^1 &= 10 + 19 + 35 + 52 + 171 &:= 1^3 + 1^9 + 4^1 + 5^2 + 16^2 = 13 + 19 + 41 + 52 + 162 \\
 &:= 1^0 + 2^0 + 2^3 + 9^2 + 14^2 &= 10 + 20 + 23 + 92 + 142 &:= 1^3 + 2^6 + 3^4 + 5^3 + 16^1 = 13 + 26 + 34 + 53 + 161 \\
 &:= 1^0 + 2^0 + 3^4 + 8^1 + 14^2 &= 10 + 20 + 34 + 81 + 142 &:= 1^3 + 2^7 + 3^4 + 8^2 + 13^1 = 13 + 27 + 34 + 82 + 131 \\
 &:= 1^0 + 2^0 + 4^3 + 10^2 + 11^2 &= 10 + 20 + 43 + 102 + 112 &:= 1^4 + 1^5 + 2^4 + 10^2 + 13^2 = 14 + 15 + 24 + 102 + 132 \\
 &:= 1^0 + 4^0 + 4^3 + 5^2 + 14^2 &= 10 + 40 + 43 + 52 + 142 &:= 1^4 + 1^5 + 3^5 + 5^2 + 17^1 = 14 + 15 + 35 + 52 + 171 \\
 &:= 1^0 + 4^1 + 4^4 + 5^2 + 14^0 &= 10 + 41 + 44 + 52 + 140 &:= 1^4 + 1^6 + 2^3 + 9^2 + 14^2 = 14 + 16 + 23 + 92 + 142 \\
 &:= 1^0 + 4^2 + 4^4 + 6^0 + 13^1 &= 10 + 42 + 44 + 60 + 131 &:= 1^4 + 1^6 + 3^4 + 8^1 + 14^2 = 14 + 16 + 34 + 81 + 142 \\
 &:= 1^0 + 4^2 + 5^3 + 6^0 + 12^2 &= 10 + 42 + 53 + 60 + 122 &:= 1^4 + 1^6 + 4^3 + 10^2 + 11^2 = 14 + 16 + 43 + 102 + 112 \\
 &:= 1^0 + 4^3 + 5^1 + 6^3 + 12^0 &= 10 + 43 + 51 + 63 + 120 &:= 1^4 + 1^8 + 4^1 + 5^2 + 16^2 = 14 + 18 + 41 + 52 + 162 \\
 &:= 1^1 + 1^4 + 2^3 + 2^8 + 21^1 &= 11 + 14 + 23 + 28 + 211 &:= 1^4 + 2^1 + 2^3 + 2^8 + 20^1 = 14 + 21 + 23 + 28 + 201 \\
 &:= 1^1 + 1^5 + 2^8 + 3^2 + 20^1 &= 11 + 15 + 28 + 32 + 201 &:= 1^4 + 2^3 + 2^4 + 3^5 + 19^1 = 14 + 23 + 24 + 35 + 191 \\
 &:= 1^1 + 1^8 + 2^4 + 10^2 + 13^2 &= 11 + 18 + 24 + 102 + 132 &:= 1^4 + 2^3 + 2^8 + 10^1 + 12^1 = 14 + 23 + 28 + 101 + 121 \\
 &:= 1^1 + 1^8 + 3^5 + 5^2 + 17^1 &= 11 + 18 + 35 + 52 + 171 &:= 1^4 + 2^3 + 2^8 + 11^1 + 11^1 = 14 + 23 + 28 + 111 + 111 \\
 &:= 1^1 + 1^9 + 2^3 + 9^2 + 14^2 &= 11 + 19 + 23 + 92 + 142 &:= 1^4 + 2^3 + 2^8 + 3^1 + 19^1 = 14 + 23 + 28 + 31 + 191 \\
 &:= 1^1 + 1^9 + 3^4 + 8^1 + 14^2 &= 11 + 19 + 34 + 81 + 142 &:= 1^4 + 2^3 + 2^8 + 4^1 + 18^1 = 14 + 23 + 28 + 41 + 181 \\
 &:= 1^1 + 1^9 + 4^3 + 10^2 + 11^2 &= 11 + 19 + 43 + 102 + 112 &:= 1^4 + 2^3 + 2^8 + 5^1 + 17^1 = 14 + 23 + 28 + 51 + 171 \\
 &:= 1^1 + 2^1 + 3^3 + 6^0 + 16^2 &= 11 + 21 + 33 + 60 + 162 &:= 1^4 + 2^3 + 2^8 + 6^1 + 16^1 = 14 + 23 + 28 + 61 + 161 \\
 &:= 1^1 + 2^2 + 4^0 + 5^2 + 16^2 &= 11 + 22 + 40 + 52 + 162 &:= 1^4 + 2^3 + 2^8 + 7^1 + 15^1 = 14 + 23 + 28 + 71 + 151 \\
 &:= 1^1 + 2^6 + 2^7 + 9^2 + 13^1 &= 11 + 26 + 27 + 92 + 131 &:= 1^4 + 2^3 + 2^8 + 8^1 + 14^1 = 14 + 23 + 28 + 81 + 141 \\
 &:= 1^1 + 5^1 + 6^3 + 8^0 + 8^2 &= 11 + 51 + 63 + 80 + 82 &:= 1^4 + 2^3 + 2^8 + 9^1 + 13^1 = 14 + 23 + 28 + 91 + 131 \\
 &:= 1^2 + 1^3 + 2^3 + 2^8 + 21^1 &= 12 + 13 + 23 + 28 + 211 &:= 1^4 + 2^4 + 2^8 + 9^0 + 13^1 = 14 + 24 + 28 + 90 + 131 \\
 &:= 1^2 + 1^4 + 2^8 + 3^2 + 20^1 &= 12 + 14 + 28 + 32 + 201 &:= 1^4 + 2^7 + 3^3 + 10^1 + 11^2 = 14 + 27 + 33 + 101 + 112 \\
 &:= 1^2 + 1^7 + 2^4 + 10^2 + 13^2 &= 12 + 17 + 24 + 102 + 132 &:= 1^5 + 1^5 + 2^3 + 9^2 + 14^2 = 15 + 15 + 23 + 92 + 142 \\
 &:= 1^2 + 1^7 + 3^5 + 5^2 + 17^1 &= 12 + 17 + 35 + 52 + 171 &:= 1^5 + 1^5 + 3^4 + 8^1 + 14^2 = 15 + 15 + 34 + 81 + 142 \\
 &:= 1^2 + 1^8 + 2^3 + 9^2 + 14^2 &= 12 + 18 + 23 + 92 + 142 &:= 1^5 + 1^5 + 4^3 + 10^2 + 11^2 = 15 + 15 + 43 + 102 + 112 \\
 &:= 1^2 + 1^8 + 3^4 + 8^1 + 14^2 &= 12 + 18 + 34 + 81 + 142 &:= 1^5 + 1^7 + 4^1 + 5^2 + 16^2 = 15 + 17 + 41 + 52 + 162
 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 2^1 + 2^8 + 3^2 + 19^1 = 15 + 21 + 28 + 32 + 191 \\ &:= 1^5 + 2^1 + 2^8 + 3^3 + 19^0 = 15 + 21 + 28 + 33 + 190 \\ &:= 1^5 + 2^2 + 2^7 + 10^1 + 12^2 = 15 + 22 + 27 + 101 + 122 \\ &:= 1^5 + 2^2 + 2^8 + 5^2 + 17^0 = 15 + 22 + 28 + 52 + 170 \\ &:= 1^5 + 2^4 + 3^2 + 3^5 + 18^1 = 15 + 24 + 32 + 35 + 181 \\ &:= 1^5 + 2^8 + 3^1 + 3^2 + 18^1 = 15 + 28 + 31 + 32 + 181 \\ &:= 1^5 + 2^8 + 3^2 + 10^1 + 11^1 = 15 + 28 + 32 + 101 + 111 \\ &:= 1^5 + 2^8 + 3^2 + 4^1 + 17^1 = 15 + 28 + 32 + 41 + 171 \\ &:= 1^5 + 2^8 + 3^2 + 5^1 + 16^1 = 15 + 28 + 32 + 51 + 161 \\ &:= 1^5 + 2^8 + 3^2 + 6^1 + 15^1 = 15 + 28 + 32 + 61 + 151 \\ &:= 1^5 + 2^8 + 3^2 + 7^1 + 14^1 = 15 + 28 + 32 + 71 + 141 \\ &:= 1^5 + 2^8 + 3^2 + 8^1 + 13^1 = 15 + 28 + 32 + 81 + 131 \\ &:= 1^5 + 2^8 + 3^2 + 9^1 + 12^1 = 15 + 28 + 32 + 91 + 121 \\ &:= 1^6 + 1^6 + 4^1 + 5^2 + 16^2 = 16 + 16 + 41 + 52 + 162 \\ &:= 1^6 + 2^2 + 2^5 + 9^2 + 13^2 = 16 + 22 + 25 + 92 + 132 \\ &:= 1^6 + 2^5 + 3^2 + 7^2 + 14^2 = 16 + 25 + 32 + 72 + 142 \\ &:= 1^6 + 2^5 + 3^5 + 10^1 + 11^0 = 16 + 25 + 35 + 101 + 110 \\ &:= 1^6 + 2^5 + 5^2 + 6^3 + 13^1 = 16 + 25 + 52 + 63 + 131 \\ &:= 1^6 + 2^5 + 5^3 + 8^1 + 11^2 = 16 + 25 + 53 + 81 + 112 \\ &:= 1^6 + 2^6 + 4^1 + 7^2 + 13^2 = 16 + 26 + 41 + 72 + 132 \\ &:= 1^6 + 2^7 + 6^2 + 7^0 + 11^2 = 16 + 27 + 62 + 70 + 112 \\ &:= 1^6 + 2^8 + 4^1 + 5^2 + 15^0 = 16 + 28 + 41 + 52 + 150 \\ &:= 1^6 + 2^8 + 4^2 + 7^0 + 13^1 = 16 + 28 + 42 + 70 + 131 \\ &:= 1^7 + 2^2 + 2^3 + 4^4 + 18^1 = 17 + 22 + 23 + 44 + 181 \\ &:= 1^7 + 2^3 + 2^4 + 6^1 + 16^2 = 17 + 23 + 24 + 61 + 162 \\ &:= 1^7 + 2^4 + 3^2 + 6^2 + 15^2 = 17 + 24 + 32 + 62 + 152 \\ &:= 1^7 + 2^5 + 4^1 + 5^2 + 15^2 = 17 + 25 + 41 + 52 + 152 \\ &:= 1^7 + 2^6 + 3^0 + 10^2 + 11^2 = 17 + 26 + 30 + 102 + 112 \\ &:= 1^7 + 2^6 + 5^0 + 5^2 + 14^2 = 17 + 26 + 50 + 52 + 142 \\ &:= 1^7 + 2^6 + 5^1 + 6^3 + 13^0 = 17 + 26 + 51 + 63 + 130 \\ &:= 1^7 + 3^3 + 3^3 + 6^2 + 14^2 = 17 + 33 + 33 + 62 + 142 \\ &:= 1^7 + 3^4 + 5^2 + 6^2 + 12^2 = 17 + 34 + 52 + 62 + 122 \\ &:= 1^8 + 2^1 + 3^5 + 5^2 + 16^1 = 18 + 21 + 35 + 52 + 161 \\ &:= 1^8 + 2^2 + 2^3 + 7^2 + 15^2 = 18 + 22 + 23 + 72 + 152 \\ &:= 1^8 + 2^2 + 3^2 + 4^4 + 17^1 = 18 + 22 + 32 + 44 + 171 \\ &:= 1^8 + 2^2 + 4^3 + 7^2 + 13^2 = 18 + 22 + 43 + 72 + 132 \\ &:= 1^8 + 2^3 + 3^4 + 7^0 + 14^2 = 18 + 23 + 34 + 70 + 142 \\ &:= 1^8 + 2^4 + 3^2 + 5^1 + 16^2 = 18 + 24 + 32 + 51 + 162 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^4 + 4^4 + 7^0 + 13^1 = 18 + 24 + 44 + 70 + 131 \\ &:= 1^8 + 2^4 + 5^3 + 7^0 + 12^2 = 18 + 24 + 53 + 70 + 122 \\ &:= 1^8 + 3^1 + 3^4 + 9^2 + 11^2 = 18 + 31 + 34 + 92 + 112 \\ &:= 1^8 + 3^1 + 3^5 + 5^2 + 15^1 = 18 + 31 + 35 + 52 + 151 \\ &:= 1^8 + 3^2 + 3^3 + 5^2 + 15^2 = 18 + 32 + 33 + 52 + 152 \\ &:= 1^8 + 3^3 + 3^5 + 5^0 + 15^1 = 18 + 33 + 35 + 50 + 151 \\ &:= 1^8 + 3^5 + 4^1 + 5^2 + 14^1 = 18 + 35 + 41 + 52 + 141 \\ &:= 1^8 + 3^5 + 5^1 + 5^2 + 13^1 = 18 + 35 + 51 + 52 + 131 \\ &:= 1^8 + 3^5 + 5^2 + 6^1 + 12^1 = 18 + 35 + 52 + 61 + 121 \\ &:= 1^8 + 3^5 + 5^2 + 7^1 + 11^1 = 18 + 35 + 52 + 71 + 111 \\ &:= 1^8 + 3^5 + 5^2 + 8^1 + 10^1 = 18 + 35 + 52 + 81 + 101 \\ &:= 1^8 + 3^5 + 5^2 + 9^1 + 9^1 = 18 + 35 + 52 + 91 + 91 \\ &:= 1^8 + 4^2 + 5^3 + 8^2 + 9^2 = 18 + 42 + 53 + 82 + 92 \\ &:= 1^8 + 5^2 + 5^3 + 5^3 + 11^1 = 18 + 52 + 53 + 53 + 111 \\ &:= 1^8 + 5^2 + 5^3 + 6^2 + 10^2 = 18 + 52 + 53 + 62 + 102 \\ &:= 1^9 + 2^1 + 3^3 + 4^4 + 17^0 = 19 + 21 + 33 + 44 + 170 \\ &:= 1^9 + 2^1 + 3^4 + 7^1 + 14^2 = 19 + 21 + 34 + 71 + 142 \\ &:= 1^9 + 2^2 + 4^4 + 5^2 + 15^0 = 19 + 22 + 44 + 52 + 150 \\ &:= 1^9 + 3^1 + 3^4 + 6^1 + 14^2 = 19 + 31 + 34 + 61 + 142 \\ &:= 1^9 + 3^4 + 4^1 + 5^1 + 14^2 = 19 + 34 + 41 + 51 + 142 \\ &:= 1^9 + 3^5 + 6^1 + 6^2 + 11^0 = 19 + 35 + 61 + 62 + 110 \\ &:= 1^9 + 4^1 + 5^3 + 6^2 + 11^2 = 19 + 41 + 53 + 62 + 112 \\ &:= 1^9 + 5^2 + 6^2 + 6^3 + 9^1 = 19 + 52 + 62 + 63 + 91 \\ &:= 2^0 + 3^0 + 4^3 + 5^2 + 14^2 = 20 + 30 + 43 + 52 + 142 \\ &:= 2^0 + 4^1 + 4^4 + 5^2 + 13^0 = 20 + 41 + 44 + 52 + 130 \\ &:= 2^0 + 4^2 + 4^4 + 5^0 + 13^1 = 20 + 42 + 44 + 50 + 131 \\ &:= 2^0 + 4^2 + 5^0 + 5^3 + 12^2 = 20 + 42 + 50 + 53 + 122 \\ &:= 2^0 + 4^3 + 5^1 + 6^3 + 11^0 = 20 + 43 + 51 + 63 + 110 \\ &:= 2^1 + 2^6 + 2^7 + 9^2 + 12^1 = 21 + 26 + 27 + 92 + 121 \\ &:= 2^1 + 4^1 + 6^3 + 8^0 + 8^2 = 21 + 41 + 63 + 80 + 82 \\ &:= 2^4 + 2^6 + 3^4 + 5^3 + 15^0 = 24 + 26 + 34 + 53 + 150 \\ &:= 2^6 + 2^7 + 3^1 + 9^2 + 11^1 = 26 + 27 + 31 + 92 + 111 \\ &:= 2^6 + 2^7 + 4^1 + 9^2 + 10^1 = 26 + 27 + 41 + 92 + 101 \\ &:= 2^6 + 2^7 + 5^1 + 9^1 + 9^2 = 26 + 27 + 51 + 91 + 92 \\ &:= 2^6 + 2^7 + 6^1 + 8^1 + 9^2 = 26 + 27 + 61 + 81 + 92 \\ &:= 2^6 + 2^7 + 7^1 + 7^1 + 9^2 = 26 + 27 + 71 + 71 + 92 \\ &:= 2^6 + 3^4 + 3^4 + 7^2 + 12^1 = 26 + 34 + 34 + 72 + 121 \\ &:= 2^6 + 3^4 + 4^3 + 4^3 + 14^1 = 26 + 34 + 43 + 43 + 141 \end{aligned}$$

$$\begin{aligned} &:= 2^7 + 2^7 + 4^2 + 5^0 + 14^1 = 27 + 27 + 42 + 50 + 141 \\ &:= 2^7 + 2^7 + 5^1 + 5^2 + 13^0 = 27 + 27 + 51 + 52 + 130 \\ &:= 3^0 + 4^0 + 4^2 + 4^4 + 13^1 = 30 + 40 + 42 + 44 + 131 \\ &:= 3^0 + 4^0 + 4^2 + 5^3 + 12^2 = 30 + 40 + 42 + 53 + 122 \\ &:= 3^0 + 4^1 + 4^4 + 5^2 + 12^0 = 30 + 41 + 44 + 52 + 120 \\ &:= 3^0 + 4^3 + 5^1 + 6^3 + 10^0 = 30 + 43 + 51 + 63 + 100 \\ &:= 3^1 + 3^1 + 6^3 + 8^0 + 8^2 = 31 + 31 + 63 + 80 + 82 \\ &:= 4^0 + 4^1 + 4^4 + 5^2 + 11^0 = 40 + 41 + 44 + 52 + 110 \end{aligned}$$

$$\begin{aligned} &:= 4^0 + 4^3 + 5^1 + 6^3 + 9^0 = 40 + 43 + 51 + 63 + 90 \\ &:= 4^1 + 4^4 + 5^0 + 5^2 + 10^0 = 41 + 44 + 50 + 52 + 100 \\ &:= 4^1 + 4^4 + 5^2 + 6^0 + 9^0 = 41 + 44 + 52 + 60 + 90 \\ &:= 4^1 + 4^4 + 5^2 + 7^0 + 8^0 = 41 + 44 + 52 + 70 + 80 \\ &:= 4^3 + 5^0 + 5^1 + 6^3 + 8^0 = 43 + 50 + 51 + 63 + 80 \\ &:= 4^3 + 5^1 + 6^0 + 6^3 + 7^0 = 43 + 51 + 60 + 63 + 70 \end{aligned}$$

2.2.189 Number 288

$$\begin{aligned} 288 &:= 3^5 + 5^2 + 20^1 = 35 + 52 + 201 \\ &:= 1^0 + 3^5 + 5^2 + 19^1 = 10 + 35 + 52 + 191 \\ &:= 1^1 + 3^4 + 10^1 + 14^2 = 11 + 34 + 101 + 142 \\ &:= 1^3 + 5^2 + 6^1 + 16^2 = 13 + 52 + 61 + 162 \\ &:= 2^1 + 3^4 + 9^1 + 14^2 = 21 + 34 + 91 + 142 \\ &:= 2^3 + 3^1 + 9^2 + 14^2 = 23 + 31 + 92 + 142 \\ &:= 3^1 + 3^4 + 8^1 + 14^2 = 31 + 34 + 81 + 142 \\ &:= 3^1 + 4^3 + 10^2 + 11^2 = 31 + 43 + 102 + 112 \\ &:= 3^3 + 4^1 + 4^4 + 17^0 = 33 + 41 + 44 + 170 \\ &:= 3^3 + 4^3 + 7^0 + 14^2 = 33 + 43 + 70 + 142 \\ &:= 3^4 + 4^1 + 7^1 + 14^2 = 34 + 41 + 71 + 142 \\ &:= 3^4 + 5^1 + 6^1 + 14^2 = 34 + 51 + 61 + 142 \\ &:= 3^5 + 6^2 + 8^1 + 11^0 = 35 + 62 + 81 + 110 \\ &:= 5^2 + 6^2 + 6^3 + 11^1 = 52 + 62 + 63 + 111 \\ &:= 5^3 + 6^1 + 6^2 + 11^2 = 53 + 61 + 62 + 112 \\ &:= 1^0 + 1^0 + 3^5 + 5^2 + 18^1 = 10 + 10 + 35 + 52 + 181 \\ &:= 1^0 + 1^1 + 3^4 + 9^1 + 14^2 = 10 + 11 + 34 + 91 + 142 \\ &:= 1^0 + 1^2 + 3^2 + 9^2 + 14^2 = 10 + 12 + 32 + 92 + 142 \\ &:= 1^0 + 1^2 + 5^2 + 6^2 + 15^2 = 10 + 12 + 52 + 62 + 152 \\ &:= 1^0 + 1^3 + 5^1 + 5^2 + 16^2 = 10 + 13 + 51 + 52 + 162 \\ &:= 1^0 + 2^1 + 2^3 + 9^2 + 14^2 = 10 + 21 + 23 + 92 + 142 \\ &:= 1^0 + 2^1 + 3^4 + 8^1 + 14^2 = 10 + 21 + 34 + 81 + 142 \\ &:= 1^0 + 2^1 + 4^3 + 10^2 + 11^2 = 10 + 21 + 43 + 102 + 112 \\ &:= 1^0 + 2^2 + 3^2 + 7^2 + 15^2 = 10 + 22 + 32 + 72 + 152 \\ &:= 1^0 + 3^1 + 3^3 + 4^4 + 17^0 = 10 + 31 + 33 + 44 + 170 \\ &:= 1^0 + 3^1 + 3^4 + 7^1 + 14^2 = 10 + 31 + 34 + 71 + 142 \\ &:= 1^0 + 3^2 + 3^4 + 7^0 + 14^2 = 10 + 32 + 34 + 70 + 142 \\ &:= 1^0 + 3^4 + 4^1 + 6^1 + 14^2 = 10 + 34 + 41 + 61 + 142 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 3^4 + 5^0 + 6^2 + 13^2 = 10 + 34 + 50 + 62 + 132 \\ &:= 1^0 + 3^4 + 5^1 + 5^1 + 14^2 = 10 + 34 + 51 + 51 + 142 \\ &:= 1^0 + 3^5 + 6^2 + 7^1 + 11^0 = 10 + 35 + 62 + 71 + 110 \\ &:= 1^0 + 5^1 + 5^3 + 6^2 + 11^2 = 10 + 51 + 53 + 62 + 112 \\ &:= 1^0 + 5^2 + 6^2 + 6^3 + 10^1 = 10 + 52 + 62 + 63 + 101 \\ &:= 1^0 + 5^3 + 5^3 + 6^2 + 11^0 = 10 + 53 + 53 + 62 + 110 \\ &:= 1^1 + 1^1 + 3^2 + 9^2 + 14^2 = 11 + 11 + 32 + 92 + 142 \\ &:= 1^1 + 1^1 + 5^2 + 6^2 + 15^2 = 11 + 11 + 52 + 62 + 152 \\ &:= 1^1 + 1^2 + 5^1 + 5^2 + 16^2 = 11 + 12 + 51 + 52 + 162 \\ &:= 1^1 + 4^2 + 4^4 + 5^0 + 14^1 = 11 + 42 + 44 + 50 + 141 \\ &:= 1^1 + 4^3 + 6^1 + 6^3 + 11^0 = 11 + 43 + 61 + 63 + 110 \\ &:= 1^1 + 4^4 + 5^1 + 5^2 + 13^0 = 11 + 44 + 51 + 52 + 130 \\ &:= 1^2 + 2^1 + 4^1 + 5^2 + 16^2 = 12 + 21 + 41 + 52 + 162 \\ &:= 1^2 + 3^1 + 3^1 + 5^2 + 16^2 = 12 + 31 + 31 + 52 + 162 \\ &:= 1^2 + 3^1 + 3^3 + 5^0 + 16^2 = 12 + 31 + 33 + 50 + 162 \\ &:= 1^2 + 6^1 + 6^3 + 7^0 + 8^2 = 12 + 61 + 63 + 70 + 82 \\ &:= 1^5 + 2^4 + 2^8 + 8^0 + 14^1 = 15 + 24 + 28 + 80 + 141 \\ &:= 1^6 + 2^4 + 3^3 + 3^5 + 18^0 = 16 + 24 + 33 + 35 + 180 \\ &:= 1^6 + 2^8 + 3^1 + 3^3 + 18^0 = 16 + 28 + 31 + 33 + 180 \\ &:= 1^7 + 2^5 + 3^5 + 10^0 + 11^1 = 17 + 25 + 35 + 100 + 111 \\ &:= 1^7 + 2^8 + 4^2 + 6^0 + 14^1 = 17 + 28 + 42 + 60 + 141 \\ &:= 1^7 + 2^8 + 5^1 + 5^2 + 14^0 = 17 + 28 + 51 + 52 + 140 \\ &:= 1^8 + 2^6 + 6^1 + 6^3 + 12^0 = 18 + 26 + 61 + 63 + 120 \\ &:= 1^8 + 3^3 + 3^5 + 4^2 + 16^0 = 18 + 33 + 35 + 42 + 160 \\ &:= 1^9 + 2^4 + 4^4 + 6^0 + 14^1 = 19 + 24 + 44 + 60 + 141 \\ &:= 1^9 + 3^3 + 3^5 + 4^0 + 16^1 = 19 + 33 + 35 + 40 + 161 \\ &:= 2^0 + 3^1 + 3^3 + 4^4 + 16^0 = 20 + 31 + 33 + 44 + 160 \\ &:= 2^0 + 3^2 + 3^4 + 6^0 + 14^2 = 20 + 32 + 34 + 60 + 142 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 3^4 + 4^0 + 6^2 + 13^2 = 20 + 34 + 40 + 62 + 132 \\
 &:= 2^0 + 3^5 + 6^2 + 7^1 + 10^0 = 20 + 35 + 62 + 71 + 100 \\
 &:= 2^0 + 5^3 + 5^3 + 6^2 + 10^0 = 20 + 53 + 53 + 62 + 100 \\
 &:= 2^1 + 3^0 + 4^3 + 5^2 + 14^2 = 21 + 30 + 43 + 52 + 142 \\
 &:= 2^1 + 4^1 + 4^4 + 5^2 + 13^0 = 21 + 41 + 44 + 52 + 130 \\
 &:= 2^1 + 4^2 + 4^4 + 5^0 + 13^1 = 21 + 42 + 44 + 50 + 131 \\
 &:= 2^1 + 4^2 + 5^0 + 5^3 + 12^2 = 21 + 42 + 50 + 53 + 122 \\
 &:= 2^1 + 4^3 + 5^1 + 6^3 + 11^0 = 21 + 43 + 51 + 63 + 110 \\
 &:= 2^2 + 3^1 + 6^3 + 8^2 + 9^0 = 22 + 31 + 63 + 82 + 90 \\
 &:= 2^6 + 2^7 + 3^4 + 6^0 + 14^1 = 26 + 27 + 34 + 60 + 141 \\
 &:= 2^7 + 2^7 + 3^3 + 4^1 + 16^0 = 27 + 27 + 33 + 41 + 160 \\
 &:= 3^0 + 3^0 + 3^4 + 6^2 + 13^2 = 30 + 30 + 34 + 62 + 132 \\
 &:= 3^0 + 3^1 + 3^3 + 4^4 + 15^0 = 30 + 31 + 33 + 44 + 150 \\
 &:= 3^0 + 3^2 + 3^4 + 5^0 + 14^2 = 30 + 32 + 34 + 50 + 142 \\
 &:= 3^0 + 3^5 + 6^2 + 7^1 + 9^0 = 30 + 35 + 62 + 71 + 90 \\
 &:= 3^0 + 5^3 + 5^3 + 6^2 + 9^0 = 30 + 53 + 53 + 62 + 90 \\
 &:= 3^1 + 3^1 + 4^4 + 5^2 + 13^0 = 31 + 31 + 44 + 52 + 130 \\
 &:= 3^1 + 3^3 + 4^0 + 4^4 + 14^0 = 31 + 33 + 40 + 44 + 140 \\
 &:= 3^1 + 3^3 + 4^4 + 5^0 + 13^0 = 31 + 33 + 44 + 50 + 130
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^1 + 3^3 + 4^4 + 6^0 + 12^0 = 31 + 33 + 44 + 60 + 120 \\
 &:= 3^1 + 3^3 + 4^4 + 7^0 + 11^0 = 31 + 33 + 44 + 70 + 110 \\
 &:= 3^1 + 3^3 + 4^4 + 8^0 + 10^0 = 31 + 33 + 44 + 80 + 100 \\
 &:= 3^1 + 3^3 + 4^4 + 9^0 + 9^0 = 31 + 33 + 44 + 90 + 90 \\
 &:= 3^1 + 4^1 + 4^3 + 6^3 + 11^0 = 31 + 41 + 43 + 63 + 110 \\
 &:= 3^1 + 4^2 + 4^4 + 5^0 + 12^1 = 31 + 42 + 44 + 50 + 121 \\
 &:= 3^2 + 3^4 + 4^0 + 4^0 + 14^2 = 32 + 34 + 40 + 40 + 142 \\
 &:= 3^5 + 4^0 + 6^2 + 7^1 + 8^0 = 35 + 40 + 62 + 71 + 80 \\
 &:= 3^5 + 5^0 + 6^2 + 7^0 + 7^1 = 35 + 50 + 62 + 70 + 71 \\
 &:= 3^5 + 6^0 + 6^0 + 6^2 + 7^1 = 35 + 60 + 60 + 62 + 71 \\
 &:= 4^0 + 5^3 + 5^3 + 6^2 + 8^0 = 40 + 53 + 53 + 62 + 80 \\
 &:= 4^1 + 4^2 + 4^4 + 5^0 + 11^1 = 41 + 42 + 44 + 50 + 111 \\
 &:= 4^2 + 4^4 + 5^0 + 5^1 + 10^1 = 42 + 44 + 50 + 51 + 101 \\
 &:= 4^2 + 4^4 + 5^0 + 6^1 + 9^1 = 42 + 44 + 50 + 61 + 91 \\
 &:= 4^2 + 4^4 + 5^0 + 7^1 + 8^1 = 42 + 44 + 50 + 71 + 81 \\
 &:= 4^2 + 5^0 + 6^1 + 6^3 + 7^2 = 42 + 50 + 61 + 63 + 72 \\
 &:= 5^0 + 5^3 + 5^3 + 6^2 + 7^0 = 50 + 53 + 53 + 62 + 70 \\
 &:= 5^3 + 5^3 + 6^0 + 6^0 + 6^2 = 53 + 53 + 60 + 60 + 62
 \end{aligned}$$

2.2.190 Number 289

$$\begin{aligned}
 289 &:= 2^5 + 4^4 + 22^0 = 25 + 44 + 220 \\
 &:= 2^3 + 4^3 + 6^3 + 16^0 = 23 + 43 + 63 + 160 \\
 &:= 2^4 + 4^4 + 6^0 + 16^1 = 24 + 44 + 60 + 161 \\
 &:= 2^5 + 2^7 + 2^7 + 21^0 = 25 + 27 + 27 + 210 \\
 &:= 3^2 + 3^5 + 6^2 + 16^0 = 32 + 35 + 62 + 160 \\
 &:= 3^3 + 3^5 + 4^0 + 18^1 = 33 + 35 + 40 + 181 \\
 &:= 1^0 + 2^2 + 3^3 + 4^4 + 18^0 = 10 + 22 + 33 + 44 + 180 \\
 &:= 1^0 + 2^4 + 4^4 + 6^0 + 15^1 = 10 + 24 + 44 + 60 + 151 \\
 &:= 1^0 + 3^3 + 3^5 + 4^0 + 17^1 = 10 + 33 + 35 + 40 + 171 \\
 &:= 1^0 + 3^4 + 5^3 + 9^2 + 10^0 = 10 + 34 + 53 + 92 + 100 \\
 &:= 1^1 + 3^3 + 4^1 + 4^4 + 16^0 = 11 + 33 + 41 + 44 + 160 \\
 &:= 1^1 + 3^3 + 4^3 + 6^0 + 14^2 = 11 + 33 + 43 + 60 + 142 \\
 &:= 1^1 + 3^5 + 6^2 + 8^1 + 10^0 = 11 + 35 + 62 + 81 + 100 \\
 &:= 1^2 + 2^0 + 3^3 + 8^2 + 14^2 = 12 + 20 + 33 + 82 + 142 \\
 &:= 1^2 + 2^2 + 3^3 + 6^0 + 16^2 = 12 + 22 + 33 + 60 + 162 \\
 &:= 1^2 + 4^0 + 4^2 + 4^4 + 15^1 = 12 + 40 + 42 + 44 + 151
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 4^0 + 5^3 + 9^2 + 9^2 = 12 + 40 + 53 + 92 + 92 \\
 &:= 1^2 + 4^3 + 6^3 + 7^1 + 10^0 = 12 + 43 + 63 + 71 + 100 \\
 &:= 1^2 + 4^4 + 5^2 + 6^1 + 12^0 = 12 + 44 + 52 + 61 + 120 \\
 &:= 1^3 + 1^9 + 3^3 + 8^2 + 14^2 = 13 + 19 + 33 + 82 + 142 \\
 &:= 1^3 + 3^3 + 4^0 + 4^1 + 16^2 = 13 + 33 + 40 + 41 + 162 \\
 &:= 1^3 + 6^0 + 6^3 + 7^1 + 8^2 = 13 + 60 + 63 + 71 + 82 \\
 &:= 1^4 + 1^8 + 3^3 + 8^2 + 14^2 = 14 + 18 + 33 + 82 + 142 \\
 &:= 1^5 + 1^7 + 3^3 + 8^2 + 14^2 = 15 + 17 + 33 + 82 + 142 \\
 &:= 1^5 + 2^2 + 2^3 + 2^8 + 20^1 = 15 + 22 + 23 + 28 + 201 \\
 &:= 1^6 + 1^6 + 3^3 + 8^2 + 14^2 = 16 + 16 + 33 + 82 + 142 \\
 &:= 1^6 + 2^2 + 2^8 + 3^2 + 19^1 = 16 + 22 + 28 + 32 + 191 \\
 &:= 1^6 + 2^2 + 2^8 + 3^3 + 19^0 = 16 + 22 + 28 + 33 + 190 \\
 &:= 1^6 + 2^4 + 2^8 + 7^0 + 15^1 = 16 + 24 + 28 + 70 + 151 \\
 &:= 1^7 + 2^6 + 4^2 + 8^2 + 12^2 = 17 + 26 + 42 + 82 + 122 \\
 &:= 1^7 + 2^8 + 3^3 + 4^1 + 17^0 = 17 + 28 + 33 + 41 + 170 \\
 &:= 1^8 + 2^4 + 3^3 + 7^2 + 14^2 = 18 + 24 + 33 + 72 + 142
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^8 + 2^4 + 4^3 + 8^2 + 12^2 = 18 + 24 + 43 + 82 + 122 \\
 &:= 1^8 + 2^5 + 3^5 + 9^0 + 12^1 = 18 + 25 + 35 + 90 + 121 \\
 &:= 1^8 + 2^6 + 3^1 + 10^2 + 11^2 = 18 + 26 + 31 + 102 + 112 \\
 &:= 1^8 + 2^6 + 3^3 + 7^0 + 14^2 = 18 + 26 + 33 + 70 + 142 \\
 &:= 1^8 + 2^8 + 4^2 + 5^0 + 15^1 = 18 + 28 + 42 + 50 + 151 \\
 &:= 1^8 + 2^8 + 5^2 + 6^1 + 13^0 = 18 + 28 + 52 + 61 + 130 \\
 &:= 1^8 + 3^4 + 3^4 + 5^3 + 15^0 = 18 + 34 + 34 + 53 + 150 \\
 &:= 1^9 + 2^2 + 3^5 + 5^2 + 16^1 = 19 + 22 + 35 + 52 + 161 \\
 &:= 1^9 + 2^3 + 3^5 + 6^2 + 15^0 = 19 + 23 + 35 + 62 + 150 \\
 &:= 1^9 + 2^6 + 6^3 + 7^1 + 11^0 = 19 + 26 + 63 + 71 + 110 \\
 &:= 2^0 + 2^2 + 3^3 + 4^4 + 17^0 = 20 + 22 + 33 + 44 + 170 \\
 &:= 2^0 + 2^2 + 3^4 + 7^1 + 14^2 = 20 + 22 + 34 + 71 + 142 \\
 &:= 2^0 + 2^4 + 4^4 + 5^0 + 15^1 = 20 + 24 + 44 + 50 + 151 \\
 &:= 2^0 + 3^0 + 3^3 + 3^5 + 17^1 = 20 + 30 + 33 + 35 + 171 \\
 &:= 2^0 + 3^4 + 5^3 + 9^0 + 9^2 = 20 + 34 + 53 + 90 + 92 \\
 &:= 2^1 + 3^1 + 3^3 + 4^4 + 16^0 = 21 + 31 + 33 + 44 + 160 \\
 &:= 2^1 + 3^2 + 3^4 + 6^0 + 14^2 = 21 + 32 + 34 + 60 + 142 \\
 &:= 2^1 + 3^4 + 4^0 + 6^2 + 13^2 = 21 + 34 + 40 + 62 + 132 \\
 &:= 2^1 + 3^5 + 6^2 + 7^1 + 10^0 = 21 + 35 + 62 + 71 + 100 \\
 &:= 2^1 + 5^3 + 5^3 + 6^2 + 10^0 = 21 + 53 + 53 + 62 + 100 \\
 &:= 2^2 + 2^2 + 6^3 + 8^2 + 10^0 = 22 + 22 + 63 + 82 + 100
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 3^0 + 3^3 + 4^4 + 16^0 = 22 + 30 + 33 + 44 + 160 \\
 &:= 2^2 + 3^1 + 4^4 + 5^2 + 14^0 = 22 + 31 + 44 + 52 + 140 \\
 &:= 2^2 + 3^3 + 4^0 + 4^4 + 15^0 = 22 + 33 + 40 + 44 + 150 \\
 &:= 2^2 + 3^3 + 4^4 + 5^0 + 14^0 = 22 + 33 + 44 + 50 + 140 \\
 &:= 2^2 + 3^3 + 4^4 + 6^0 + 13^0 = 22 + 33 + 44 + 60 + 130 \\
 &:= 2^2 + 3^3 + 4^4 + 7^0 + 12^0 = 22 + 33 + 44 + 70 + 120 \\
 &:= 2^2 + 3^3 + 4^4 + 8^0 + 11^0 = 22 + 33 + 44 + 80 + 110 \\
 &:= 2^2 + 3^3 + 4^4 + 9^0 + 10^0 = 22 + 33 + 44 + 90 + 100 \\
 &:= 2^2 + 4^1 + 4^3 + 6^3 + 12^0 = 22 + 41 + 43 + 63 + 120 \\
 &:= 2^2 + 4^2 + 4^4 + 6^0 + 12^1 = 22 + 42 + 44 + 60 + 121 \\
 &:= 2^4 + 2^7 + 2^7 + 5^0 + 16^1 = 24 + 27 + 27 + 50 + 161 \\
 &:= 2^4 + 3^0 + 4^0 + 4^4 + 15^1 = 24 + 30 + 40 + 44 + 151 \\
 &:= 3^0 + 3^4 + 5^3 + 8^0 + 9^2 = 30 + 34 + 53 + 80 + 92 \\
 &:= 3^1 + 3^5 + 6^1 + 6^2 + 10^0 = 31 + 35 + 61 + 62 + 100 \\
 &:= 3^2 + 3^2 + 4^0 + 4^4 + 14^1 = 32 + 32 + 40 + 44 + 141 \\
 &:= 3^2 + 4^2 + 4^4 + 7^1 + 10^0 = 32 + 42 + 44 + 71 + 100 \\
 &:= 3^3 + 4^0 + 6^2 + 6^3 + 9^1 = 33 + 40 + 62 + 63 + 91 \\
 &:= 3^4 + 4^0 + 5^3 + 7^0 + 9^2 = 34 + 40 + 53 + 70 + 92 \\
 &:= 3^4 + 5^0 + 5^3 + 6^0 + 9^2 = 34 + 50 + 53 + 60 + 92 \\
 &:= 3^5 + 4^1 + 5^1 + 6^2 + 10^0 = 35 + 41 + 51 + 62 + 100
 \end{aligned}$$

2.2.191 Number 290

$$\begin{aligned}
 290 &:= 1^1 + 2^5 + 4^4 + 21^0 = 11 + 25 + 44 + 210 \\
 &:= 1^3 + 2^5 + 9^0 + 16^2 = 13 + 25 + 90 + 162 \\
 &:= 1^6 + 3^0 + 12^2 + 12^2 = 16 + 30 + 122 + 122 \\
 &:= 1^7 + 2^5 + 2^8 + 22^0 = 17 + 25 + 28 + 220 \\
 &:= 2^2 + 3^5 + 5^2 + 18^1 = 22 + 35 + 52 + 181 \\
 &:= 2^4 + 3^2 + 11^2 + 12^2 = 24 + 32 + 112 + 122 \\
 &:= 2^6 + 5^0 + 9^2 + 12^2 = 26 + 50 + 92 + 122 \\
 &:= 2^6 + 6^3 + 9^1 + 11^0 = 26 + 63 + 91 + 110 \\
 &:= 3^4 + 8^2 + 8^2 + 9^2 = 34 + 82 + 82 + 92 \\
 &:= 1^0 + 2^2 + 2^4 + 10^2 + 13^2 = 10 + 22 + 24 + 102 + 132 \\
 &:= 1^0 + 2^2 + 3^5 + 5^2 + 17^1 = 10 + 22 + 35 + 52 + 171 \\
 &:= 1^0 + 2^4 + 2^4 + 7^0 + 16^2 = 10 + 24 + 24 + 70 + 162 \\
 &:= 1^0 + 2^4 + 4^2 + 4^4 + 17^0 = 10 + 24 + 42 + 44 + 170 \\
 &:= 1^0 + 2^6 + 6^3 + 8^1 + 11^0 = 10 + 26 + 63 + 81 + 110
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^1 + 2^2 + 2^3 + 9^2 + 14^2 = 11 + 22 + 23 + 92 + 142 \\
 &:= 1^1 + 2^2 + 3^4 + 8^1 + 14^2 = 11 + 22 + 34 + 81 + 142 \\
 &:= 1^1 + 2^2 + 4^3 + 10^2 + 11^2 = 11 + 22 + 43 + 102 + 112 \\
 &:= 1^1 + 2^3 + 4^3 + 6^3 + 15^0 = 11 + 23 + 43 + 63 + 150 \\
 &:= 1^1 + 2^4 + 4^4 + 5^0 + 16^1 = 11 + 24 + 44 + 50 + 161 \\
 &:= 1^1 + 2^5 + 2^7 + 2^7 + 20^0 = 11 + 25 + 27 + 27 + 200 \\
 &:= 1^1 + 3^0 + 3^3 + 3^5 + 18^1 = 11 + 30 + 33 + 35 + 181 \\
 &:= 1^1 + 3^2 + 3^5 + 6^2 + 15^0 = 11 + 32 + 35 + 62 + 150 \\
 &:= 1^1 + 5^3 + 6^2 + 8^2 + 8^2 = 11 + 53 + 62 + 82 + 82 \\
 &:= 1^2 + 2^1 + 3^3 + 8^2 + 14^2 = 12 + 21 + 33 + 82 + 142 \\
 &:= 1^2 + 2^3 + 6^3 + 8^2 + 11^0 = 12 + 23 + 63 + 82 + 110 \\
 &:= 1^2 + 2^4 + 4^2 + 5^0 + 16^2 = 12 + 24 + 42 + 50 + 162 \\
 &:= 1^2 + 3^3 + 4^4 + 5^1 + 15^0 = 12 + 33 + 44 + 51 + 150 \\
 &:= 1^2 + 3^5 + 6^2 + 9^0 + 9^1 = 12 + 35 + 62 + 90 + 91
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 4^1 + 4^3 + 5^2 + 14^2 = 12 + 41 + 43 + 52 + 142 \\
 &:= 1^2 + 4^2 + 4^2 + 4^4 + 15^0 = 12 + 42 + 42 + 44 + 150 \\
 &:= 1^3 + 2^2 + 4^1 + 5^2 + 16^2 = 13 + 22 + 41 + 52 + 162 \\
 &:= 1^3 + 3^0 + 3^3 + 6^2 + 15^2 = 13 + 30 + 33 + 62 + 152 \\
 &:= 1^3 + 3^0 + 4^2 + 4^4 + 16^1 = 13 + 30 + 42 + 44 + 161 \\
 &:= 1^3 + 4^3 + 6^3 + 8^1 + 9^0 = 13 + 43 + 63 + 81 + 90 \\
 &:= 1^3 + 4^4 + 5^2 + 7^1 + 11^0 = 13 + 44 + 52 + 71 + 110 \\
 &:= 1^3 + 6^2 + 6^2 + 6^3 + 9^0 = 13 + 62 + 62 + 63 + 90 \\
 &:= 1^4 + 2^4 + 2^4 + 2^8 + 20^0 = 14 + 24 + 24 + 28 + 200 \\
 &:= 1^4 + 3^0 + 3^3 + 5^1 + 16^2 = 14 + 30 + 33 + 51 + 162 \\
 &:= 1^4 + 3^0 + 4^2 + 4^2 + 16^2 = 14 + 30 + 42 + 42 + 162 \\
 &:= 1^4 + 5^0 + 6^3 + 8^1 + 8^2 = 14 + 50 + 63 + 81 + 82 \\
 &:= 1^6 + 2^4 + 2^8 + 4^2 + 18^0 = 16 + 24 + 28 + 42 + 180 \\
 &:= 1^7 + 2^4 + 2^7 + 10^0 + 12^2 = 17 + 24 + 27 + 100 + 122 \\
 &:= 1^7 + 2^4 + 2^8 + 6^0 + 16^1 = 17 + 24 + 28 + 60 + 161 \\
 &:= 1^8 + 2^3 + 2^6 + 6^3 + 16^0 = 18 + 23 + 26 + 63 + 160 \\
 &:= 1^8 + 2^4 + 2^4 + 4^4 + 18^0 = 18 + 24 + 24 + 44 + 180 \\
 &:= 1^8 + 2^8 + 3^3 + 5^1 + 16^0 = 18 + 28 + 33 + 51 + 160 \\
 &:= 1^8 + 2^8 + 4^2 + 4^2 + 16^0 = 18 + 28 + 42 + 42 + 160 \\
 &:= 1^9 + 2^5 + 3^5 + 8^0 + 13^1 = 19 + 25 + 35 + 80 + 131 \\
 &:= 1^9 + 2^7 + 4^2 + 8^0 + 12^2 = 19 + 27 + 42 + 80 + 122 \\
 &:= 1^9 + 2^8 + 4^0 + 4^2 + 16^1 = 19 + 28 + 40 + 42 + 161 \\
 &:= 1^9 + 2^8 + 5^2 + 7^1 + 12^0 = 19 + 28 + 52 + 71 + 120 \\
 &:= 2^0 + 2^4 + 2^4 + 6^0 + 16^2 = 20 + 24 + 24 + 60 + 162 \\
 &:= 2^0 + 2^4 + 4^2 + 4^4 + 16^0 = 20 + 24 + 42 + 44 + 160 \\
 &:= 2^0 + 2^6 + 6^3 + 8^1 + 10^0 = 20 + 26 + 63 + 81 + 100 \\
 &:= 2^1 + 2^2 + 3^3 + 4^4 + 17^0 = 21 + 22 + 33 + 44 + 170 \\
 &:= 2^1 + 2^2 + 3^4 + 7^1 + 14^2 = 21 + 22 + 34 + 71 + 142 \\
 &:= 2^1 + 2^4 + 4^4 + 5^0 + 15^1 = 21 + 24 + 44 + 50 + 151 \\
 &:= 2^1 + 3^0 + 3^3 + 3^5 + 17^1 = 21 + 30 + 33 + 35 + 171 \\
 &:= 2^1 + 3^4 + 5^3 + 9^0 + 9^2 = 21 + 34 + 53 + 90 + 92 \\
 &:= 2^2 + 2^2 + 4^4 + 5^2 + 15^0 = 22 + 22 + 44 + 52 + 150 \\
 &:= 2^2 + 3^1 + 3^4 + 6^1 + 14^2 = 22 + 31 + 34 + 61 + 142 \\
 &:= 2^2 + 3^4 + 4^1 + 5^1 + 14^2 = 22 + 34 + 41 + 51 + 142 \\
 &:= 2^2 + 3^5 + 6^1 + 6^2 + 11^0 = 22 + 35 + 61 + 62 + 110 \\
 &:= 2^2 + 4^1 + 5^3 + 6^2 + 11^2 = 22 + 41 + 53 + 62 + 112 \\
 &:= 2^2 + 5^2 + 6^2 + 6^3 + 9^1 = 22 + 52 + 62 + 63 + 91 \\
 &:= 2^3 + 3^0 + 3^2 + 4^4 + 16^1 = 23 + 30 + 32 + 44 + 161
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^3 + 3^4 + 4^1 + 5^0 + 14^2 = 23 + 34 + 41 + 50 + 142 \\
 &:= 2^3 + 4^2 + 4^4 + 9^0 + 9^1 = 23 + 42 + 44 + 90 + 91 \\
 &:= 2^3 + 4^2 + 6^3 + 7^2 + 9^0 = 23 + 42 + 63 + 72 + 90 \\
 &:= 2^4 + 2^4 + 3^0 + 5^0 + 16^2 = 24 + 24 + 30 + 50 + 162 \\
 &:= 2^4 + 2^4 + 4^0 + 4^0 + 16^2 = 24 + 24 + 40 + 40 + 162 \\
 &:= 2^4 + 3^0 + 4^2 + 4^4 + 15^0 = 24 + 30 + 42 + 44 + 150 \\
 &:= 2^4 + 3^1 + 4^4 + 5^0 + 14^1 = 24 + 31 + 44 + 50 + 141 \\
 &:= 2^4 + 4^0 + 4^2 + 4^4 + 14^0 = 24 + 40 + 42 + 44 + 140 \\
 &:= 2^4 + 4^1 + 4^4 + 5^0 + 13^1 = 24 + 41 + 44 + 50 + 131 \\
 &:= 2^4 + 4^1 + 5^0 + 5^3 + 12^2 = 24 + 41 + 50 + 53 + 122 \\
 &:= 2^4 + 4^2 + 4^4 + 5^0 + 13^0 = 24 + 42 + 44 + 50 + 130 \\
 &:= 2^4 + 4^2 + 4^4 + 6^0 + 12^0 = 24 + 42 + 44 + 60 + 120 \\
 &:= 2^4 + 4^2 + 4^4 + 7^0 + 11^0 = 24 + 42 + 44 + 70 + 110 \\
 &:= 2^4 + 4^2 + 4^4 + 8^0 + 10^0 = 24 + 42 + 44 + 80 + 100 \\
 &:= 2^4 + 4^2 + 4^4 + 9^0 + 9^0 = 24 + 42 + 44 + 90 + 90 \\
 &:= 2^4 + 4^4 + 5^0 + 5^1 + 12^1 = 24 + 44 + 50 + 51 + 121 \\
 &:= 2^4 + 4^4 + 5^0 + 6^1 + 11^1 = 24 + 44 + 50 + 61 + 111 \\
 &:= 2^4 + 4^4 + 5^0 + 7^1 + 10^1 = 24 + 44 + 50 + 71 + 101 \\
 &:= 2^4 + 4^4 + 5^0 + 8^1 + 9^1 = 24 + 44 + 50 + 81 + 91 \\
 &:= 2^4 + 5^0 + 6^3 + 7^2 + 8^1 = 24 + 50 + 63 + 72 + 81 \\
 &:= 2^6 + 3^0 + 6^3 + 8^1 + 9^0 = 26 + 30 + 63 + 81 + 90 \\
 &:= 2^6 + 4^0 + 6^3 + 8^0 + 8^1 = 26 + 40 + 63 + 80 + 81 \\
 &:= 2^6 + 5^0 + 6^3 + 7^0 + 8^1 = 26 + 50 + 63 + 70 + 81 \\
 &:= 2^6 + 6^0 + 6^0 + 6^3 + 8^1 = 26 + 60 + 60 + 63 + 81 \\
 &:= 3^0 + 3^1 + 3^3 + 3^5 + 16^1 = 30 + 31 + 33 + 35 + 161 \\
 &:= 3^0 + 3^3 + 3^5 + 4^1 + 15^1 = 30 + 33 + 35 + 41 + 151 \\
 &:= 3^0 + 3^3 + 3^5 + 5^1 + 14^1 = 30 + 33 + 35 + 51 + 141 \\
 &:= 3^0 + 3^3 + 3^5 + 6^1 + 13^1 = 30 + 33 + 35 + 61 + 131 \\
 &:= 3^0 + 3^3 + 3^5 + 7^1 + 12^1 = 30 + 33 + 35 + 71 + 121 \\
 &:= 3^0 + 3^3 + 3^5 + 8^1 + 11^1 = 30 + 33 + 35 + 81 + 111 \\
 &:= 3^0 + 3^3 + 3^5 + 9^1 + 10^1 = 30 + 33 + 35 + 91 + 101 \\
 &:= 3^0 + 3^3 + 5^3 + 5^3 + 12^1 = 30 + 33 + 53 + 53 + 121 \\
 &:= 3^0 + 3^5 + 4^2 + 4^2 + 14^1 = 30 + 35 + 42 + 42 + 141 \\
 &:= 3^1 + 4^2 + 5^2 + 5^3 + 11^2 = 31 + 42 + 52 + 53 + 112 \\
 &:= 3^2 + 3^5 + 5^0 + 5^2 + 12^1 = 32 + 35 + 50 + 52 + 121 \\
 &:= 3^3 + 4^2 + 5^0 + 5^3 + 11^2 = 33 + 42 + 50 + 53 + 112 \\
 &:= 3^5 + 4^2 + 5^1 + 5^2 + 11^0 = 35 + 42 + 51 + 52 + 110 \\
 &:= 4^2 + 5^2 + 5^2 + 6^3 + 8^1 = 42 + 52 + 52 + 63 + 81
 \end{aligned}$$

$$:= 4^3 + 5^0 + 5^3 + 6^2 + 8^2 = 43 + 50 + 53 + 62 + 82$$

2.2.192 Number 291

291 := $1^9 + 10^0 + 17^2$	= 19 + 100 + 172	:= $1^2 + 2^5 + 3^0 + 4^4 + 18^0$	= 12 + 25 + 30 + 44 + 180
:= $1^3 + 2^6 + 10^0 + 15^2$	= 13 + 26 + 100 + 152	:= $1^2 + 2^5 + 4^0 + 4^4 + 17^0$	= 12 + 25 + 40 + 44 + 170
:= $1^6 + 4^3 + 8^0 + 15^2$	= 16 + 43 + 80 + 152	:= $1^2 + 2^5 + 4^4 + 10^0 + 11^0$	= 12 + 25 + 44 + 100 + 110
:= $1^7 + 4^0 + 8^2 + 15^2$	= 17 + 40 + 82 + 152	:= $1^2 + 2^5 + 4^4 + 5^0 + 16^0$	= 12 + 25 + 44 + 50 + 160
:= $2^5 + 3^5 + 8^0 + 15^1$	= 25 + 35 + 80 + 151	:= $1^2 + 2^5 + 4^4 + 6^0 + 15^0$	= 12 + 25 + 44 + 60 + 150
:= $2^7 + 8^0 + 9^2 + 9^2$	= 27 + 80 + 92 + 92	:= $1^2 + 2^5 + 4^4 + 7^0 + 14^0$	= 12 + 25 + 44 + 70 + 140
:= $2^8 + 4^0 + 4^2 + 18^1$	= 28 + 40 + 42 + 181	:= $1^2 + 2^5 + 4^4 + 8^0 + 13^0$	= 12 + 25 + 44 + 80 + 130
:= $2^8 + 5^2 + 9^1 + 12^0$	= 28 + 52 + 91 + 120	:= $1^2 + 2^5 + 4^4 + 9^0 + 12^0$	= 12 + 25 + 44 + 90 + 120
:= $1^0 + 1^2 + 2^5 + 4^4 + 20^0$	= 10 + 12 + 25 + 44 + 200	:= $1^2 + 3^4 + 4^3 + 8^0 + 12^2$	= 12 + 34 + 43 + 80 + 122
:= $1^0 + 1^4 + 2^5 + 8^0 + 16^2$	= 10 + 14 + 25 + 80 + 162	:= $1^3 + 1^4 + 2^0 + 12^2 + 12^2$	= 13 + 14 + 20 + 122 + 122
:= $1^0 + 1^7 + 2^0 + 12^2 + 12^2$	= 10 + 17 + 20 + 122 + 122	:= $1^3 + 1^5 + 1^9 + 12^2 + 12^2$	= 13 + 15 + 19 + 122 + 122
:= $1^0 + 1^8 + 1^9 + 12^2 + 12^2$	= 10 + 18 + 19 + 122 + 122	:= $1^3 + 1^5 + 2^5 + 2^8 + 21^0$	= 13 + 15 + 25 + 28 + 210
:= $1^0 + 1^8 + 2^5 + 2^8 + 21^0$	= 10 + 18 + 25 + 28 + 210	:= $1^3 + 1^6 + 1^8 + 12^2 + 12^2$	= 13 + 16 + 18 + 122 + 122
:= $1^0 + 2^5 + 3^5 + 8^0 + 14^1$	= 10 + 25 + 35 + 80 + 141	:= $1^3 + 1^7 + 1^7 + 12^2 + 12^2$	= 13 + 17 + 17 + 122 + 122
:= $1^0 + 2^6 + 3^2 + 6^3 + 16^0$	= 10 + 26 + 32 + 63 + 160	:= $1^3 + 1^9 + 2^5 + 4^4 + 19^0$	= 13 + 19 + 25 + 44 + 190
:= $1^0 + 2^6 + 5^3 + 10^0 + 10^2$	= 10 + 26 + 53 + 100 + 102	:= $1^3 + 1^9 + 3^3 + 3^5 + 19^1$	= 13 + 19 + 33 + 35 + 191
:= $1^0 + 2^8 + 4^0 + 4^2 + 17^1$	= 10 + 28 + 40 + 42 + 171	:= $1^3 + 3^2 + 4^3 + 6^3 + 14^0$	= 13 + 32 + 43 + 63 + 140
:= $1^0 + 2^8 + 5^2 + 8^1 + 12^0$	= 10 + 28 + 52 + 81 + 120	:= $1^3 + 3^3 + 4^4 + 6^1 + 14^0$	= 13 + 33 + 44 + 61 + 140
:= $1^1 + 1^1 + 2^5 + 4^4 + 20^0$	= 11 + 11 + 25 + 44 + 200	:= $1^3 + 3^4 + 4^0 + 8^2 + 12^2$	= 13 + 34 + 40 + 82 + 122
:= $1^1 + 1^3 + 2^5 + 8^0 + 16^2$	= 11 + 13 + 25 + 80 + 162	:= $1^3 + 3^5 + 6^2 + 8^0 + 10^1$	= 13 + 35 + 62 + 80 + 101
:= $1^1 + 1^6 + 2^0 + 12^2 + 12^2$	= 11 + 16 + 20 + 122 + 122	:= $1^3 + 4^3 + 5^3 + 8^0 + 10^2$	= 13 + 43 + 53 + 80 + 102
:= $1^1 + 1^7 + 1^9 + 12^2 + 12^2$	= 11 + 17 + 19 + 122 + 122	:= $1^4 + 1^4 + 1^9 + 12^2 + 12^2$	= 14 + 14 + 19 + 122 + 122
:= $1^1 + 1^7 + 2^5 + 2^8 + 21^0$	= 11 + 17 + 25 + 28 + 210	:= $1^4 + 1^4 + 2^5 + 2^8 + 21^0$	= 14 + 14 + 25 + 28 + 210
:= $1^1 + 1^8 + 1^8 + 12^2 + 12^2$	= 11 + 18 + 18 + 122 + 122	:= $1^4 + 1^5 + 1^8 + 12^2 + 12^2$	= 14 + 15 + 18 + 122 + 122
:= $1^1 + 2^6 + 4^0 + 9^2 + 12^2$	= 11 + 26 + 40 + 92 + 122	:= $1^4 + 1^6 + 1^7 + 12^2 + 12^2$	= 14 + 16 + 17 + 122 + 122
:= $1^1 + 2^6 + 6^3 + 9^1 + 10^0$	= 11 + 26 + 63 + 91 + 100	:= $1^4 + 1^8 + 2^5 + 4^4 + 19^0$	= 14 + 18 + 25 + 44 + 190
:= $1^2 + 1^2 + 2^5 + 8^0 + 16^2$	= 12 + 12 + 25 + 80 + 162	:= $1^4 + 1^8 + 3^3 + 3^5 + 19^1$	= 14 + 18 + 33 + 35 + 191
:= $1^2 + 1^5 + 2^0 + 12^2 + 12^2$	= 12 + 15 + 20 + 122 + 122	:= $1^4 + 2^0 + 2^5 + 7^0 + 16^2$	= 14 + 20 + 25 + 70 + 162
:= $1^2 + 1^6 + 1^9 + 12^2 + 12^2$	= 12 + 16 + 19 + 122 + 122	:= $1^4 + 2^0 + 4^2 + 4^4 + 17^1$	= 14 + 20 + 42 + 44 + 171
:= $1^2 + 1^6 + 2^5 + 2^8 + 21^0$	= 12 + 16 + 25 + 28 + 210	:= $1^4 + 2^0 + 4^3 + 9^2 + 12^2$	= 14 + 20 + 43 + 92 + 122
:= $1^2 + 1^7 + 1^8 + 12^2 + 12^2$	= 12 + 17 + 18 + 122 + 122	:= $1^4 + 2^3 + 4^0 + 5^2 + 16^2$	= 14 + 23 + 40 + 52 + 162
:= $1^2 + 2^0 + 2^5 + 4^4 + 19^0$	= 12 + 20 + 25 + 44 + 190	:= $1^4 + 2^5 + 3^0 + 6^0 + 16^2$	= 14 + 25 + 30 + 60 + 162
:= $1^2 + 2^0 + 3^3 + 3^5 + 19^1$	= 12 + 20 + 33 + 35 + 191	:= $1^4 + 2^5 + 4^0 + 5^0 + 16^2$	= 14 + 25 + 40 + 50 + 162
:= $1^2 + 2^3 + 4^4 + 5^2 + 16^0$	= 12 + 23 + 44 + 52 + 160	:= $1^4 + 2^7 + 2^7 + 4^2 + 18^1$	= 14 + 27 + 27 + 42 + 181
:= $1^2 + 2^4 + 4^0 + 4^4 + 17^1$	= 12 + 24 + 40 + 44 + 171	:= $1^4 + 3^2 + 6^3 + 8^2 + 10^0$	= 14 + 32 + 63 + 82 + 100

$$\begin{aligned} &:= 1^4 + 4^0 + 5^3 + 8^2 + 10^2 = 14 + 40 + 53 + 82 + 102 \\ &:= 1^4 + 4^3 + 6^3 + 8^0 + 9^1 = 14 + 43 + 63 + 80 + 91 \\ &:= 1^4 + 4^4 + 5^2 + 8^1 + 10^0 = 14 + 44 + 52 + 81 + 100 \\ &:= 1^5 + 1^5 + 1^7 + 12^2 + 12^2 = 15 + 15 + 17 + 122 + 122 \\ &:= 1^5 + 1^6 + 1^6 + 12^2 + 12^2 = 15 + 16 + 16 + 122 + 122 \\ &:= 1^5 + 1^7 + 2^5 + 4^4 + 19^0 = 15 + 17 + 25 + 44 + 190 \\ &:= 1^5 + 1^7 + 3^3 + 3^5 + 19^1 = 15 + 17 + 33 + 35 + 191 \\ &:= 1^5 + 1^9 + 2^5 + 7^0 + 16^2 = 15 + 19 + 25 + 70 + 162 \\ &:= 1^5 + 1^9 + 4^2 + 4^4 + 17^1 = 15 + 19 + 42 + 44 + 171 \\ &:= 1^5 + 1^9 + 4^3 + 9^2 + 12^2 = 15 + 19 + 43 + 92 + 122 \\ &:= 1^5 + 2^0 + 3^3 + 6^1 + 16^2 = 15 + 20 + 33 + 61 + 162 \\ &:= 1^5 + 4^0 + 6^3 + 8^2 + 9^1 = 15 + 40 + 63 + 82 + 91 \\ &:= 1^6 + 1^6 + 2^5 + 4^4 + 19^0 = 16 + 16 + 25 + 44 + 190 \\ &:= 1^6 + 1^6 + 3^3 + 3^5 + 19^1 = 16 + 16 + 33 + 35 + 191 \\ &:= 1^6 + 1^8 + 2^5 + 7^0 + 16^2 = 16 + 18 + 25 + 70 + 162 \\ &:= 1^6 + 1^8 + 4^2 + 4^4 + 17^1 = 16 + 18 + 42 + 44 + 171 \\ &:= 1^6 + 1^8 + 4^3 + 9^2 + 12^2 = 16 + 18 + 43 + 92 + 122 \\ &:= 1^6 + 1^9 + 3^3 + 6^1 + 16^2 = 16 + 19 + 33 + 61 + 162 \\ &:= 1^6 + 2^7 + 3^4 + 4^3 + 17^1 = 16 + 27 + 34 + 43 + 171 \\ &:= 1^7 + 1^7 + 2^5 + 7^0 + 16^2 = 17 + 17 + 25 + 70 + 162 \\ &:= 1^7 + 1^7 + 4^2 + 4^4 + 17^1 = 17 + 17 + 42 + 44 + 171 \\ &:= 1^7 + 1^7 + 4^3 + 9^2 + 12^2 = 17 + 17 + 43 + 92 + 122 \\ &:= 1^7 + 1^8 + 3^3 + 6^1 + 16^2 = 17 + 18 + 33 + 61 + 162 \\ &:= 1^8 + 2^0 + 2^5 + 2^8 + 20^0 = 18 + 20 + 25 + 28 + 200 \\ &:= 1^8 + 2^3 + 2^7 + 10^1 + 12^2 = 18 + 23 + 27 + 101 + 122 \\ &:= 1^8 + 2^3 + 2^8 + 5^2 + 17^0 = 18 + 23 + 28 + 52 + 170 \\ &:= 1^8 + 2^4 + 2^5 + 11^2 + 11^2 = 18 + 24 + 25 + 112 + 112 \\ &:= 1^8 + 2^4 + 2^8 + 5^0 + 17^1 = 18 + 24 + 28 + 50 + 171 \\ &:= 1^8 + 2^5 + 2^8 + 10^0 + 12^0 = 18 + 25 + 28 + 100 + 120 \\ &:= 1^8 + 2^5 + 2^8 + 11^0 + 11^0 = 18 + 25 + 28 + 110 + 110 \\ &:= 1^8 + 2^5 + 2^8 + 3^0 + 19^0 = 18 + 25 + 28 + 30 + 190 \\ &:= 1^8 + 2^5 + 2^8 + 4^0 + 18^0 = 18 + 25 + 28 + 40 + 180 \\ &:= 1^8 + 2^5 + 2^8 + 5^0 + 17^0 = 18 + 25 + 28 + 50 + 170 \\ &:= 1^8 + 2^5 + 2^8 + 6^0 + 16^0 = 18 + 25 + 28 + 60 + 160 \\ &:= 1^8 + 2^5 + 2^8 + 7^0 + 15^0 = 18 + 25 + 28 + 70 + 150 \\ &:= 1^8 + 2^5 + 2^8 + 8^0 + 14^0 = 18 + 25 + 28 + 80 + 140 \\ &:= 1^8 + 2^5 + 2^8 + 9^0 + 13^0 = 18 + 25 + 28 + 90 + 130 \\ &:= 1^9 + 1^9 + 2^5 + 2^8 + 20^0 = 19 + 19 + 25 + 28 + 200 \end{aligned}$$

$$\begin{aligned} &:= 1^9 + 2^3 + 2^5 + 9^2 + 13^2 = 19 + 23 + 25 + 92 + 132 \\ &:= 1^9 + 2^5 + 2^5 + 7^0 + 15^2 = 19 + 25 + 25 + 70 + 152 \\ &:= 1^9 + 2^5 + 3^3 + 6^3 + 15^1 = 19 + 25 + 33 + 63 + 151 \\ &:= 1^9 + 2^5 + 3^4 + 8^1 + 13^2 = 19 + 25 + 34 + 81 + 132 \\ &:= 1^9 + 2^6 + 3^4 + 9^0 + 12^2 = 19 + 26 + 34 + 90 + 122 \\ &:= 1^9 + 2^7 + 3^2 + 9^1 + 12^2 = 19 + 27 + 32 + 91 + 122 \\ &:= 1^9 + 2^7 + 5^3 + 6^2 + 13^0 = 19 + 27 + 53 + 62 + 130 \\ &:= 1^9 + 2^8 + 3^3 + 6^1 + 15^0 = 19 + 28 + 33 + 61 + 150 \\ &:= 2^0 + 2^3 + 2^3 + 4^4 + 18^1 = 20 + 23 + 23 + 44 + 181 \\ &:= 2^0 + 2^5 + 3^3 + 6^1 + 15^2 = 20 + 25 + 33 + 61 + 152 \\ &:= 2^0 + 2^5 + 3^5 + 7^0 + 14^1 = 20 + 25 + 35 + 70 + 141 \\ &:= 2^0 + 2^6 + 3^2 + 6^3 + 15^0 = 20 + 26 + 32 + 63 + 150 \\ &:= 2^0 + 2^6 + 5^1 + 5^2 + 14^2 = 20 + 26 + 51 + 52 + 142 \\ &:= 2^0 + 2^6 + 5^3 + 9^0 + 10^2 = 20 + 26 + 53 + 90 + 102 \\ &:= 2^0 + 2^8 + 3^0 + 4^2 + 17^1 = 20 + 28 + 30 + 42 + 171 \\ &:= 2^0 + 2^8 + 5^2 + 8^1 + 11^0 = 20 + 28 + 52 + 81 + 110 \\ &:= 2^1 + 2^4 + 2^4 + 6^0 + 16^2 = 21 + 24 + 24 + 60 + 162 \\ &:= 2^1 + 2^4 + 4^2 + 4^4 + 16^0 = 21 + 24 + 42 + 44 + 160 \\ &:= 2^1 + 2^6 + 6^3 + 8^1 + 10^0 = 21 + 26 + 63 + 81 + 100 \\ &:= 2^2 + 2^4 + 4^4 + 6^0 + 14^1 = 22 + 24 + 44 + 60 + 141 \\ &:= 2^2 + 3^3 + 3^5 + 4^0 + 16^1 = 22 + 33 + 35 + 40 + 161 \\ &:= 2^3 + 2^3 + 2^7 + 2^7 + 19^1 = 23 + 23 + 27 + 27 + 191 \\ &:= 2^3 + 3^1 + 3^5 + 6^2 + 14^0 = 23 + 31 + 35 + 62 + 140 \\ &:= 2^3 + 3^5 + 4^0 + 5^2 + 14^1 = 23 + 35 + 40 + 52 + 141 \\ &:= 2^4 + 3^2 + 4^4 + 9^1 + 10^0 = 24 + 32 + 44 + 91 + 100 \\ &:= 2^4 + 3^2 + 6^3 + 7^2 + 10^0 = 24 + 32 + 63 + 72 + 100 \\ &:= 2^4 + 4^0 + 5^3 + 7^2 + 10^2 = 24 + 40 + 53 + 72 + 102 \\ &:= 2^5 + 3^0 + 3^5 + 6^0 + 14^1 = 25 + 30 + 35 + 60 + 141 \\ &:= 2^5 + 3^5 + 4^0 + 5^0 + 14^1 = 25 + 35 + 40 + 50 + 141 \\ &:= 2^5 + 6^1 + 6^2 + 6^3 + 8^0 = 25 + 61 + 62 + 63 + 80 \\ &:= 2^6 + 3^0 + 3^2 + 6^3 + 14^0 = 26 + 30 + 32 + 63 + 140 \\ &:= 2^6 + 3^0 + 5^3 + 8^0 + 10^2 = 26 + 30 + 53 + 80 + 102 \\ &:= 2^6 + 3^1 + 6^3 + 7^1 + 10^0 = 26 + 31 + 63 + 71 + 100 \\ &:= 2^6 + 3^2 + 4^0 + 6^3 + 13^0 = 26 + 32 + 40 + 63 + 130 \\ &:= 2^6 + 3^2 + 5^0 + 6^3 + 12^0 = 26 + 32 + 50 + 63 + 120 \\ &:= 2^6 + 3^2 + 6^0 + 6^3 + 11^0 = 26 + 32 + 60 + 63 + 110 \\ &:= 2^6 + 3^2 + 6^3 + 7^0 + 10^0 = 26 + 32 + 63 + 70 + 100 \\ &:= 2^6 + 3^2 + 6^3 + 8^0 + 9^0 = 26 + 32 + 63 + 80 + 90 \end{aligned}$$

$$\begin{aligned} &:= 2^6 + 4^0 + 5^3 + 7^0 + 10^2 = 26 + 40 + 53 + 70 + 102 \\ &:= 2^6 + 4^1 + 6^1 + 6^3 + 10^0 = 26 + 41 + 61 + 63 + 100 \\ &:= 2^6 + 5^0 + 5^3 + 6^0 + 10^2 = 26 + 50 + 53 + 60 + 102 \\ &:= 2^6 + 5^1 + 5^1 + 6^3 + 10^0 = 26 + 51 + 51 + 63 + 100 \\ &:= 2^8 + 3^0 + 5^2 + 8^1 + 10^0 = 28 + 30 + 52 + 81 + 100 \\ &:= 2^8 + 4^0 + 5^2 + 8^1 + 9^0 = 28 + 40 + 52 + 81 + 90 \\ &:= 2^8 + 5^0 + 5^2 + 8^0 + 8^1 = 28 + 50 + 52 + 80 + 81 \end{aligned}$$

$$\begin{aligned} &:= 2^8 + 5^2 + 6^0 + 7^0 + 8^1 = 28 + 52 + 60 + 70 + 81 \\ &:= 3^2 + 3^3 + 3^5 + 8^0 + 11^1 = 32 + 33 + 35 + 80 + 111 \\ &:= 3^3 + 3^5 + 4^1 + 4^2 + 14^0 = 33 + 35 + 41 + 42 + 140 \\ &:= 3^4 + 3^4 + 4^0 + 7^1 + 11^2 = 34 + 34 + 40 + 71 + 112 \\ &:= 3^4 + 4^0 + 4^3 + 8^2 + 9^2 = 34 + 40 + 43 + 82 + 92 \end{aligned}$$

2.2.193 Number 292

$$\begin{aligned} 292 &:= 1^0 + 1^0 + 10^0 + 17^2 = 10 + 10 + 100 + 172 \\ &:= 1^0 + 2^0 + 9^0 + 17^2 = 10 + 20 + 90 + 172 \\ &:= 1^0 + 3^0 + 8^0 + 17^2 = 10 + 30 + 80 + 172 \\ &:= 1^0 + 4^0 + 7^0 + 17^2 = 10 + 40 + 70 + 172 \\ &:= 1^0 + 5^0 + 6^0 + 17^2 = 10 + 50 + 60 + 172 \\ &:= 1^1 + 1^9 + 9^0 + 17^2 = 11 + 19 + 90 + 172 \\ &:= 1^2 + 1^8 + 9^0 + 17^2 = 12 + 18 + 90 + 172 \\ &:= 1^3 + 1^7 + 9^0 + 17^2 = 13 + 17 + 90 + 172 \\ &:= 1^3 + 3^3 + 3^5 + 21^1 = 13 + 33 + 35 + 211 \\ &:= 1^4 + 1^6 + 9^0 + 17^2 = 14 + 16 + 90 + 172 \\ &:= 1^5 + 1^5 + 9^0 + 17^2 = 15 + 15 + 90 + 172 \\ &:= 1^5 + 4^2 + 4^4 + 19^1 = 15 + 42 + 44 + 191 \\ &:= 1^6 + 3^3 + 8^1 + 16^2 = 16 + 33 + 81 + 162 \\ &:= 1^7 + 3^1 + 12^2 + 12^2 = 17 + 31 + 122 + 122 \\ &:= 1^8 + 3^0 + 11^2 + 13^2 = 18 + 30 + 112 + 132 \\ &:= 2^0 + 2^0 + 8^0 + 17^2 = 20 + 20 + 80 + 172 \\ &:= 2^0 + 3^0 + 7^0 + 17^2 = 20 + 30 + 70 + 172 \\ &:= 2^0 + 4^0 + 6^0 + 17^2 = 20 + 40 + 60 + 172 \\ &:= 2^0 + 5^0 + 5^0 + 17^2 = 20 + 50 + 50 + 172 \\ &:= 2^5 + 3^3 + 6^3 + 17^1 = 25 + 33 + 63 + 171 \\ &:= 2^5 + 3^4 + 10^1 + 13^2 = 25 + 34 + 101 + 132 \\ &:= 2^5 + 3^5 + 4^2 + 19^0 = 25 + 35 + 42 + 190 \\ &:= 2^6 + 8^2 + 8^2 + 10^2 = 26 + 82 + 82 + 102 \\ &:= 2^7 + 3^2 + 11^1 + 12^2 = 27 + 32 + 111 + 122 \\ &:= 2^8 + 3^3 + 8^1 + 15^0 = 28 + 33 + 81 + 150 \\ &:= 3^0 + 3^0 + 6^0 + 17^2 = 30 + 30 + 60 + 172 \\ &:= 3^0 + 4^0 + 5^0 + 17^2 = 30 + 40 + 50 + 172 \\ &:= 4^0 + 4^0 + 4^0 + 17^2 = 40 + 40 + 40 + 172 \\ &:= 1^0 + 1^3 + 3^3 + 3^5 + 20^1 = 10 + 13 + 33 + 35 + 201 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 1^4 + 2^6 + 9^0 + 15^2 = 10 + 14 + 26 + 90 + 152 \\ &:= 1^0 + 1^5 + 4^2 + 4^4 + 18^1 = 10 + 15 + 42 + 44 + 181 \\ &:= 1^0 + 1^6 + 3^3 + 7^1 + 16^2 = 10 + 16 + 33 + 71 + 162 \\ &:= 1^0 + 1^6 + 4^2 + 7^2 + 15^2 = 10 + 16 + 42 + 72 + 152 \\ &:= 1^0 + 1^7 + 2^1 + 12^2 + 12^2 = 10 + 17 + 21 + 122 + 122 \\ &:= 1^0 + 1^7 + 4^3 + 7^0 + 15^2 = 10 + 17 + 43 + 70 + 152 \\ &:= 1^0 + 1^8 + 3^0 + 8^2 + 15^2 = 10 + 18 + 30 + 82 + 152 \\ &:= 1^0 + 2^5 + 3^3 + 6^3 + 16^1 = 10 + 25 + 33 + 63 + 161 \\ &:= 1^0 + 2^5 + 3^4 + 9^1 + 13^2 = 10 + 25 + 34 + 91 + 132 \\ &:= 1^0 + 2^6 + 5^2 + 9^2 + 11^2 = 10 + 26 + 52 + 92 + 112 \\ &:= 1^0 + 2^7 + 3^2 + 10^1 + 12^2 = 10 + 27 + 32 + 101 + 122 \\ &:= 1^0 + 2^8 + 3^2 + 5^2 + 17^0 = 10 + 28 + 32 + 52 + 170 \\ &:= 1^0 + 2^8 + 3^3 + 7^1 + 15^0 = 10 + 28 + 33 + 71 + 150 \\ &:= 1^1 + 1^2 + 3^3 + 3^5 + 20^1 = 11 + 12 + 33 + 35 + 201 \\ &:= 1^1 + 1^3 + 2^6 + 9^0 + 15^2 = 11 + 13 + 26 + 90 + 152 \\ &:= 1^1 + 1^4 + 4^2 + 4^4 + 18^1 = 11 + 14 + 42 + 44 + 181 \\ &:= 1^1 + 1^5 + 3^3 + 7^1 + 16^2 = 11 + 15 + 33 + 71 + 162 \\ &:= 1^1 + 1^5 + 4^2 + 7^2 + 15^2 = 11 + 15 + 42 + 72 + 152 \\ &:= 1^1 + 1^6 + 2^1 + 12^2 + 12^2 = 11 + 16 + 21 + 122 + 122 \\ &:= 1^1 + 1^6 + 4^3 + 7^0 + 15^2 = 11 + 16 + 43 + 70 + 152 \\ &:= 1^1 + 1^7 + 3^0 + 8^2 + 15^2 = 11 + 17 + 30 + 82 + 152 \\ &:= 1^1 + 2^3 + 2^3 + 4^4 + 19^1 = 11 + 23 + 23 + 44 + 191 \\ &:= 1^1 + 2^5 + 3^2 + 9^2 + 13^2 = 11 + 25 + 32 + 92 + 132 \\ &:= 1^1 + 2^5 + 3^3 + 7^1 + 15^2 = 11 + 25 + 33 + 71 + 152 \\ &:= 1^1 + 2^5 + 3^5 + 7^0 + 15^1 = 11 + 25 + 35 + 70 + 151 \\ &:= 1^1 + 2^6 + 5^2 + 6^1 + 14^2 = 11 + 26 + 52 + 61 + 142 \\ &:= 1^1 + 2^7 + 7^0 + 9^2 + 9^2 = 11 + 27 + 70 + 92 + 92 \\ &:= 1^1 + 2^8 + 3^0 + 4^2 + 18^1 = 11 + 28 + 30 + 42 + 181 \\ &:= 1^1 + 2^8 + 5^2 + 9^1 + 11^0 = 11 + 28 + 52 + 91 + 110 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^2 + 2^6 + 9^0 + 15^2 = 12 + 12 + 26 + 90 + 152 \\ &:= 1^2 + 1^3 + 4^2 + 4^4 + 18^1 = 12 + 13 + 42 + 44 + 181 \\ &:= 1^2 + 1^4 + 3^3 + 7^1 + 16^2 = 12 + 14 + 33 + 71 + 162 \\ &:= 1^2 + 1^4 + 4^2 + 7^2 + 15^2 = 12 + 14 + 42 + 72 + 152 \\ &:= 1^2 + 1^5 + 2^1 + 12^2 + 12^2 = 12 + 15 + 21 + 122 + 122 \\ &:= 1^2 + 1^5 + 4^3 + 7^0 + 15^2 = 12 + 15 + 43 + 70 + 152 \\ &:= 1^2 + 1^6 + 3^0 + 8^2 + 15^2 = 12 + 16 + 30 + 82 + 152 \\ &:= 1^2 + 2^1 + 2^5 + 4^4 + 19^0 = 12 + 21 + 25 + 44 + 190 \\ &:= 1^2 + 2^1 + 3^3 + 3^5 + 19^1 = 12 + 21 + 33 + 35 + 191 \\ &:= 1^2 + 2^3 + 3^2 + 4^4 + 18^1 = 12 + 23 + 32 + 44 + 181 \\ &:= 1^2 + 2^4 + 5^2 + 5^2 + 15^2 = 12 + 24 + 52 + 52 + 152 \\ &:= 1^2 + 2^6 + 6^3 + 9^0 + 10^1 = 12 + 26 + 63 + 90 + 101 \\ &:= 1^2 + 3^1 + 3^3 + 3^5 + 18^1 = 12 + 31 + 33 + 35 + 181 \\ &:= 1^2 + 3^3 + 3^5 + 10^1 + 11^1 = 12 + 33 + 35 + 101 + 111 \\ &:= 1^2 + 3^3 + 3^5 + 4^1 + 17^1 = 12 + 33 + 35 + 41 + 171 \\ &:= 1^2 + 3^3 + 3^5 + 5^1 + 16^1 = 12 + 33 + 35 + 51 + 161 \\ &:= 1^2 + 3^3 + 3^5 + 6^1 + 15^1 = 12 + 33 + 35 + 61 + 151 \\ &:= 1^2 + 3^3 + 3^5 + 7^1 + 14^1 = 12 + 33 + 35 + 71 + 141 \\ &:= 1^2 + 3^3 + 3^5 + 8^1 + 13^1 = 12 + 33 + 35 + 81 + 131 \\ &:= 1^2 + 3^3 + 3^5 + 9^1 + 12^1 = 12 + 33 + 35 + 91 + 121 \\ &:= 1^2 + 3^3 + 4^3 + 10^2 + 10^2 = 12 + 33 + 43 + 102 + 102 \\ &:= 1^2 + 3^3 + 5^3 + 5^3 + 14^1 = 12 + 33 + 53 + 53 + 141 \\ &:= 1^2 + 3^4 + 5^2 + 8^2 + 11^2 = 12 + 34 + 52 + 82 + 112 \\ &:= 1^2 + 3^5 + 4^2 + 4^2 + 16^1 = 12 + 35 + 42 + 42 + 161 \\ &:= 1^3 + 1^3 + 3^3 + 7^1 + 16^2 = 13 + 13 + 33 + 71 + 162 \\ &:= 1^3 + 1^3 + 4^2 + 7^2 + 15^2 = 13 + 13 + 42 + 72 + 152 \\ &:= 1^3 + 1^4 + 2^1 + 12^2 + 12^2 = 13 + 14 + 21 + 122 + 122 \\ &:= 1^3 + 1^4 + 4^3 + 7^0 + 15^2 = 13 + 14 + 43 + 70 + 152 \\ &:= 1^3 + 1^5 + 3^0 + 8^2 + 15^2 = 13 + 15 + 30 + 82 + 152 \\ &:= 1^3 + 2^2 + 3^3 + 8^2 + 14^2 = 13 + 22 + 33 + 82 + 142 \\ &:= 1^3 + 2^3 + 3^2 + 7^2 + 15^2 = 13 + 23 + 32 + 72 + 152 \\ &:= 1^3 + 2^4 + 3^0 + 4^4 + 18^1 = 13 + 24 + 30 + 44 + 181 \\ &:= 1^3 + 3^2 + 3^2 + 4^4 + 17^1 = 13 + 32 + 32 + 44 + 171 \\ &:= 1^3 + 3^2 + 4^3 + 7^2 + 13^2 = 13 + 32 + 43 + 72 + 132 \\ &:= 1^3 + 3^3 + 6^2 + 6^3 + 12^1 = 13 + 33 + 62 + 63 + 121 \\ &:= 1^3 + 3^4 + 5^1 + 6^2 + 13^2 = 13 + 34 + 51 + 62 + 132 \\ &:= 1^3 + 5^3 + 6^2 + 7^2 + 9^2 = 13 + 53 + 62 + 72 + 92 \\ &:= 1^4 + 1^4 + 3^0 + 8^2 + 15^2 = 14 + 14 + 30 + 82 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^0 + 2^6 + 8^0 + 15^2 = 14 + 20 + 26 + 80 + 152 \\ &:= 1^4 + 2^1 + 2^5 + 7^0 + 16^2 = 14 + 21 + 25 + 70 + 162 \\ &:= 1^4 + 2^1 + 4^2 + 4^4 + 17^1 = 14 + 21 + 42 + 44 + 171 \\ &:= 1^4 + 2^1 + 4^3 + 9^2 + 12^2 = 14 + 21 + 43 + 92 + 122 \\ &:= 1^4 + 2^4 + 3^0 + 7^2 + 15^2 = 14 + 24 + 30 + 72 + 152 \\ &:= 1^4 + 2^6 + 3^0 + 7^0 + 15^2 = 14 + 26 + 30 + 70 + 152 \\ &:= 1^4 + 2^6 + 4^0 + 6^0 + 15^2 = 14 + 26 + 40 + 60 + 152 \\ &:= 1^4 + 2^6 + 5^0 + 5^0 + 15^2 = 14 + 26 + 50 + 50 + 152 \\ &:= 1^4 + 3^1 + 3^3 + 6^2 + 15^2 = 14 + 31 + 33 + 62 + 152 \\ &:= 1^4 + 3^1 + 4^2 + 4^4 + 16^1 = 14 + 31 + 42 + 44 + 161 \\ &:= 1^4 + 3^2 + 4^4 + 5^2 + 15^0 = 14 + 32 + 44 + 52 + 150 \\ &:= 1^4 + 3^3 + 4^4 + 7^1 + 13^0 = 14 + 33 + 44 + 71 + 130 \\ &:= 1^4 + 3^5 + 6^2 + 7^0 + 11^1 = 14 + 35 + 62 + 70 + 111 \\ &:= 1^4 + 4^1 + 4^2 + 4^4 + 15^1 = 14 + 41 + 42 + 44 + 151 \\ &:= 1^4 + 4^1 + 5^3 + 9^2 + 9^2 = 14 + 41 + 53 + 92 + 92 \\ &:= 1^4 + 4^2 + 4^4 + 5^1 + 14^1 = 14 + 42 + 44 + 51 + 141 \\ &:= 1^4 + 4^2 + 4^4 + 6^1 + 13^1 = 14 + 42 + 44 + 61 + 131 \\ &:= 1^4 + 4^2 + 4^4 + 7^1 + 12^1 = 14 + 42 + 44 + 71 + 121 \\ &:= 1^4 + 4^2 + 4^4 + 8^1 + 11^1 = 14 + 42 + 44 + 81 + 111 \\ &:= 1^4 + 4^2 + 4^4 + 9^1 + 10^1 = 14 + 42 + 44 + 91 + 101 \\ &:= 1^4 + 4^2 + 5^3 + 6^1 + 12^2 = 14 + 42 + 53 + 61 + 122 \\ &:= 1^4 + 4^2 + 6^3 + 7^2 + 10^1 = 14 + 42 + 63 + 72 + 101 \\ &:= 1^5 + 1^9 + 2^6 + 8^0 + 15^2 = 15 + 19 + 26 + 80 + 152 \\ &:= 1^5 + 2^1 + 3^3 + 6^1 + 16^2 = 15 + 21 + 33 + 61 + 162 \\ &:= 1^5 + 3^1 + 3^3 + 5^1 + 16^2 = 15 + 31 + 33 + 51 + 162 \\ &:= 1^5 + 3^1 + 4^2 + 4^2 + 16^2 = 15 + 31 + 42 + 42 + 162 \\ &:= 1^5 + 3^3 + 4^1 + 4^1 + 16^2 = 15 + 33 + 41 + 41 + 162 \\ &:= 1^5 + 4^3 + 6^3 + 7^0 + 10^1 = 15 + 43 + 63 + 70 + 101 \\ &:= 1^5 + 4^4 + 5^2 + 9^0 + 9^1 = 15 + 44 + 52 + 90 + 91 \\ &:= 1^5 + 5^2 + 6^3 + 7^2 + 9^0 = 15 + 52 + 63 + 72 + 90 \\ &:= 1^6 + 1^8 + 2^6 + 8^0 + 15^2 = 16 + 18 + 26 + 80 + 152 \\ &:= 1^6 + 3^0 + 3^2 + 5^2 + 16^2 = 16 + 30 + 32 + 52 + 162 \\ &:= 1^6 + 3^0 + 6^3 + 8^2 + 10^1 = 16 + 30 + 63 + 82 + 101 \\ &:= 1^7 + 1^7 + 2^6 + 8^0 + 15^2 = 17 + 17 + 26 + 80 + 152 \\ &:= 1^7 + 2^0 + 4^3 + 6^0 + 15^2 = 17 + 20 + 43 + 60 + 152 \\ &:= 1^7 + 2^7 + 3^4 + 3^4 + 18^0 = 17 + 27 + 34 + 34 + 180 \\ &:= 1^7 + 3^0 + 4^3 + 5^0 + 15^2 = 17 + 30 + 43 + 50 + 152 \\ &:= 1^7 + 4^0 + 4^0 + 4^3 + 15^2 = 17 + 40 + 40 + 43 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^9 + 4^3 + 6^0 + 15^2 = 18 + 19 + 43 + 60 + 152 \\ &:= 1^8 + 2^0 + 2^0 + 8^2 + 15^2 = 18 + 20 + 20 + 82 + 152 \\ &:= 1^8 + 2^1 + 2^5 + 2^8 + 20^0 = 18 + 21 + 25 + 28 + 200 \\ &:= 1^9 + 1^9 + 2^0 + 8^2 + 15^2 = 19 + 19 + 20 + 82 + 152 \\ &:= 1^9 + 2^4 + 2^8 + 4^0 + 18^1 = 19 + 24 + 28 + 40 + 181 \\ &:= 1^9 + 2^7 + 3^4 + 9^2 + 12^0 = 19 + 27 + 34 + 92 + 120 \\ &:= 2^0 + 2^8 + 3^2 + 5^2 + 16^0 = 20 + 28 + 32 + 52 + 160 \\ &:= 2^0 + 2^8 + 3^3 + 7^1 + 14^0 = 20 + 28 + 33 + 71 + 140 \\ &:= 2^1 + 2^3 + 2^3 + 4^4 + 18^1 = 21 + 23 + 23 + 44 + 181 \\ &:= 2^1 + 2^5 + 3^3 + 6^1 + 15^2 = 21 + 25 + 33 + 61 + 152 \\ &:= 2^1 + 2^5 + 3^5 + 7^0 + 14^1 = 21 + 25 + 35 + 70 + 141 \\ &:= 2^1 + 2^6 + 3^2 + 6^3 + 15^0 = 21 + 26 + 32 + 63 + 150 \\ &:= 2^1 + 2^6 + 5^1 + 5^2 + 14^2 = 21 + 26 + 51 + 52 + 142 \\ &:= 2^1 + 2^6 + 5^3 + 9^0 + 10^2 = 21 + 26 + 53 + 90 + 102 \\ &:= 2^1 + 2^8 + 3^0 + 4^2 + 17^1 = 21 + 28 + 30 + 42 + 171 \\ &:= 2^1 + 2^8 + 5^2 + 8^1 + 11^0 = 21 + 28 + 52 + 81 + 110 \\ &:= 2^2 + 2^2 + 3^5 + 5^2 + 16^1 = 22 + 22 + 35 + 52 + 161 \\ &:= 2^2 + 2^3 + 3^5 + 6^2 + 15^0 = 22 + 23 + 35 + 62 + 150 \\ &:= 2^2 + 2^6 + 6^3 + 7^1 + 11^0 = 22 + 26 + 63 + 71 + 110 \\ &:= 2^3 + 2^3 + 3^1 + 4^4 + 17^1 = 23 + 23 + 31 + 44 + 171 \\ &:= 2^3 + 2^3 + 4^1 + 4^4 + 16^1 = 23 + 23 + 41 + 44 + 161 \\ &:= 2^3 + 2^3 + 4^4 + 10^1 + 10^1 = 23 + 23 + 44 + 101 + 101 \\ &:= 2^3 + 2^3 + 4^4 + 5^1 + 15^1 = 23 + 23 + 44 + 51 + 151 \\ &:= 2^3 + 2^3 + 4^4 + 6^1 + 14^1 = 23 + 23 + 44 + 61 + 141 \\ &:= 2^3 + 2^3 + 4^4 + 7^1 + 13^1 = 23 + 23 + 44 + 71 + 131 \\ &:= 2^3 + 2^3 + 4^4 + 8^1 + 12^1 = 23 + 23 + 44 + 81 + 121 \\ &:= 2^3 + 2^3 + 4^4 + 9^1 + 11^1 = 23 + 23 + 44 + 91 + 111 \\ &:= 2^3 + 2^3 + 5^3 + 7^1 + 12^2 = 23 + 23 + 53 + 71 + 122 \\ &:= 2^3 + 2^3 + 6^3 + 7^2 + 11^1 = 23 + 23 + 63 + 72 + 111 \\ &:= 2^3 + 2^4 + 4^4 + 9^0 + 11^1 = 23 + 24 + 44 + 90 + 111 \\ &:= 2^3 + 3^1 + 3^4 + 10^2 + 10^2 = 23 + 31 + 34 + 102 + 102 \\ &:= 2^3 + 3^3 + 3^3 + 5^1 + 15^2 = 23 + 33 + 33 + 51 + 152 \\ &:= 2^3 + 3^3 + 3^5 + 7^0 + 13^1 = 23 + 33 + 35 + 70 + 131 \\ &:= 2^3 + 3^3 + 4^2 + 4^2 + 15^2 = 23 + 33 + 42 + 42 + 152 \\ &:= 2^4 + 3^0 + 3^5 + 4^2 + 16^1 = 24 + 30 + 35 + 42 + 161 \\ &:= 2^4 + 3^4 + 5^0 + 5^2 + 13^2 = 24 + 34 + 50 + 52 + 132 \\ &:= 2^4 + 3^5 + 5^2 + 7^1 + 11^0 = 24 + 35 + 52 + 71 + 110 \\ &:= 2^4 + 5^1 + 5^2 + 5^3 + 11^2 = 24 + 51 + 52 + 53 + 112 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 5^2 + 5^2 + 6^3 + 10^1 = 24 + 52 + 52 + 63 + 101 \\ &:= 2^4 + 5^2 + 5^3 + 5^3 + 11^0 = 24 + 52 + 53 + 53 + 110 \\ &:= 2^5 + 3^0 + 3^3 + 6^2 + 14^2 = 25 + 30 + 33 + 62 + 142 \\ &:= 2^5 + 3^1 + 3^3 + 5^1 + 15^2 = 25 + 31 + 33 + 51 + 152 \\ &:= 2^5 + 3^1 + 3^5 + 7^0 + 13^1 = 25 + 31 + 35 + 70 + 131 \\ &:= 2^5 + 3^1 + 4^2 + 4^2 + 15^2 = 25 + 31 + 42 + 42 + 152 \\ &:= 2^5 + 3^3 + 4^1 + 4^1 + 15^2 = 25 + 33 + 41 + 41 + 152 \\ &:= 2^5 + 3^5 + 4^1 + 7^0 + 12^1 = 25 + 35 + 41 + 70 + 121 \\ &:= 2^5 + 3^5 + 5^1 + 7^0 + 11^1 = 25 + 35 + 51 + 70 + 111 \\ &:= 2^5 + 3^5 + 6^1 + 7^0 + 10^1 = 25 + 35 + 61 + 70 + 101 \\ &:= 2^5 + 3^5 + 7^0 + 7^1 + 9^1 = 25 + 35 + 70 + 71 + 91 \\ &:= 2^5 + 3^5 + 7^0 + 8^1 + 8^1 = 25 + 35 + 70 + 81 + 81 \\ &:= 2^5 + 5^3 + 5^3 + 7^0 + 9^1 = 25 + 53 + 53 + 70 + 91 \\ &:= 2^6 + 3^0 + 3^2 + 7^2 + 13^2 = 26 + 30 + 32 + 72 + 132 \\ &:= 2^6 + 3^1 + 4^1 + 5^2 + 14^2 = 26 + 31 + 41 + 52 + 142 \\ &:= 2^6 + 3^3 + 4^1 + 5^0 + 14^2 = 26 + 33 + 41 + 50 + 142 \\ &:= 2^7 + 3^0 + 6^1 + 6^2 + 11^2 = 27 + 30 + 61 + 62 + 112 \\ &:= 2^7 + 3^1 + 4^2 + 7^0 + 12^2 = 27 + 31 + 42 + 70 + 122 \\ &:= 2^8 + 3^0 + 3^1 + 4^2 + 16^1 = 28 + 30 + 31 + 42 + 161 \\ &:= 2^8 + 3^0 + 3^2 + 5^2 + 15^0 = 28 + 30 + 32 + 52 + 150 \\ &:= 2^8 + 3^0 + 3^3 + 7^1 + 13^0 = 28 + 30 + 33 + 71 + 130 \\ &:= 2^8 + 3^0 + 4^1 + 4^2 + 15^1 = 28 + 30 + 41 + 42 + 151 \\ &:= 2^8 + 3^0 + 4^2 + 5^1 + 14^1 = 28 + 30 + 42 + 51 + 141 \\ &:= 2^8 + 3^0 + 4^2 + 6^1 + 13^1 = 28 + 30 + 42 + 61 + 131 \\ &:= 2^8 + 3^0 + 4^2 + 7^1 + 12^1 = 28 + 30 + 42 + 71 + 121 \\ &:= 2^8 + 3^0 + 4^2 + 8^1 + 11^1 = 28 + 30 + 42 + 81 + 111 \\ &:= 2^8 + 3^0 + 4^2 + 9^1 + 10^1 = 28 + 30 + 42 + 91 + 101 \\ &:= 2^8 + 3^1 + 5^2 + 7^1 + 11^0 = 28 + 31 + 52 + 71 + 110 \\ &:= 2^8 + 3^2 + 4^0 + 5^2 + 14^0 = 28 + 32 + 40 + 52 + 140 \\ &:= 2^8 + 3^2 + 5^0 + 5^2 + 13^0 = 28 + 32 + 50 + 52 + 130 \\ &:= 2^8 + 3^2 + 5^2 + 6^0 + 12^0 = 28 + 32 + 52 + 60 + 120 \\ &:= 2^8 + 3^2 + 5^2 + 7^0 + 11^0 = 28 + 32 + 52 + 70 + 110 \\ &:= 2^8 + 3^2 + 5^2 + 8^0 + 10^0 = 28 + 32 + 52 + 80 + 100 \\ &:= 2^8 + 3^2 + 5^2 + 9^0 + 9^0 = 28 + 32 + 52 + 90 + 90 \\ &:= 2^8 + 3^3 + 4^0 + 7^1 + 12^0 = 28 + 33 + 40 + 71 + 120 \\ &:= 2^8 + 3^3 + 5^0 + 7^1 + 11^0 = 28 + 33 + 50 + 71 + 110 \\ &:= 2^8 + 3^3 + 6^0 + 7^1 + 10^0 = 28 + 33 + 60 + 71 + 100 \\ &:= 2^8 + 3^3 + 7^0 + 7^1 + 9^0 = 28 + 33 + 70 + 71 + 90 \end{aligned}$$

$$\begin{aligned} &:= 2^8 + 3^3 + 7^1 + 8^0 + 8^0 = 28 + 33 + 71 + 80 + 80 \\ &:= 2^8 + 4^1 + 5^2 + 6^1 + 11^0 = 28 + 41 + 52 + 61 + 110 \\ &:= 2^8 + 5^1 + 5^1 + 5^2 + 11^0 = 28 + 51 + 51 + 52 + 110 \\ &:= 3^1 + 3^3 + 3^4 + 9^2 + 10^2 = 31 + 33 + 34 + 92 + 102 \\ &:= 3^2 + 3^2 + 3^4 + 7^2 + 12^2 = 32 + 32 + 34 + 72 + 122 \\ &:= 3^2 + 3^2 + 3^5 + 4^2 + 15^1 = 32 + 32 + 35 + 42 + 151 \\ &:= 3^2 + 3^3 + 3^3 + 6^3 + 13^1 = 32 + 33 + 33 + 63 + 131 \end{aligned}$$

$$\begin{aligned} &:= 3^2 + 3^3 + 3^4 + 6^1 + 13^2 = 32 + 33 + 34 + 61 + 132 \\ &:= 3^3 + 3^3 + 4^3 + 5^1 + 13^2 = 33 + 33 + 43 + 51 + 132 \\ &:= 3^3 + 3^4 + 4^1 + 6^2 + 12^2 = 33 + 34 + 41 + 62 + 122 \\ &:= 3^3 + 4^2 + 4^2 + 4^3 + 13^2 = 33 + 42 + 42 + 43 + 132 \\ &:= 3^4 + 3^4 + 4^1 + 5^3 + 13^0 = 34 + 34 + 41 + 53 + 130 \end{aligned}$$

2.2.194 Number 293

$$\begin{aligned} 293 &:= 3^1 + 9^0 + 17^2 = 31 + 90 + 172 \\ &:= 1^0 + 2^1 + 9^0 + 17^2 = 10 + 21 + 90 + 172 \\ &:= 2^0 + 2^1 + 8^0 + 17^2 = 20 + 21 + 80 + 172 \\ &:= 2^1 + 3^0 + 7^0 + 17^2 = 21 + 30 + 70 + 172 \\ &:= 2^1 + 4^0 + 6^0 + 17^2 = 21 + 40 + 60 + 172 \\ &:= 2^1 + 5^0 + 5^0 + 17^2 = 21 + 50 + 50 + 172 \\ &:= 2^4 + 2^8 + 4^0 + 20^1 = 24 + 28 + 40 + 201 \\ &:= 2^5 + 2^6 + 10^0 + 14^2 = 25 + 26 + 100 + 142 \\ &:= 2^8 + 3^2 + 3^3 + 20^0 = 28 + 32 + 33 + 200 \\ &:= 1^0 + 1^0 + 1^1 + 9^0 + 17^2 = 10 + 10 + 11 + 90 + 172 \\ &:= 1^0 + 1^1 + 2^0 + 8^0 + 17^2 = 10 + 11 + 20 + 80 + 172 \\ &:= 1^0 + 1^1 + 3^0 + 7^0 + 17^2 = 10 + 11 + 30 + 70 + 172 \\ &:= 1^0 + 1^1 + 4^0 + 6^0 + 17^2 = 10 + 11 + 40 + 60 + 172 \\ &:= 1^0 + 1^1 + 5^0 + 5^0 + 17^2 = 10 + 11 + 50 + 50 + 172 \\ &:= 1^0 + 1^2 + 1^9 + 8^0 + 17^2 = 10 + 12 + 19 + 80 + 172 \\ &:= 1^0 + 1^3 + 1^8 + 8^0 + 17^2 = 10 + 13 + 18 + 80 + 172 \\ &:= 1^0 + 1^4 + 1^7 + 8^0 + 17^2 = 10 + 14 + 17 + 80 + 172 \\ &:= 1^0 + 1^5 + 1^6 + 8^0 + 17^2 = 10 + 15 + 16 + 80 + 172 \\ &:= 1^0 + 1^9 + 2^0 + 11^2 + 13^2 = 10 + 19 + 20 + 112 + 132 \\ &:= 1^0 + 2^4 + 2^8 + 4^0 + 19^1 = 10 + 24 + 28 + 40 + 191 \\ &:= 1^1 + 1^1 + 1^9 + 8^0 + 17^2 = 11 + 11 + 19 + 80 + 172 \\ &:= 1^1 + 1^2 + 1^8 + 8^0 + 17^2 = 11 + 12 + 18 + 80 + 172 \\ &:= 1^1 + 1^3 + 1^7 + 8^0 + 17^2 = 11 + 13 + 17 + 80 + 172 \\ &:= 1^1 + 1^4 + 1^6 + 8^0 + 17^2 = 11 + 14 + 16 + 80 + 172 \\ &:= 1^1 + 1^5 + 1^5 + 8^0 + 17^2 = 11 + 15 + 15 + 80 + 172 \\ &:= 1^1 + 1^8 + 2^0 + 11^2 + 13^2 = 11 + 18 + 20 + 112 + 132 \\ &:= 1^1 + 1^9 + 1^9 + 11^2 + 13^2 = 11 + 19 + 19 + 112 + 132 \\ &:= 1^1 + 2^0 + 2^0 + 7^0 + 17^2 = 11 + 20 + 20 + 70 + 172 \\ &:= 1^1 + 2^0 + 3^0 + 6^0 + 17^2 = 11 + 20 + 30 + 60 + 172 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^0 + 4^0 + 5^0 + 17^2 = 11 + 20 + 40 + 50 + 172 \\ &:= 1^1 + 2^5 + 3^5 + 4^2 + 18^0 = 11 + 25 + 35 + 42 + 180 \\ &:= 1^1 + 2^8 + 3^3 + 8^1 + 14^0 = 11 + 28 + 33 + 81 + 140 \\ &:= 1^1 + 3^0 + 3^0 + 5^0 + 17^2 = 11 + 30 + 30 + 50 + 172 \\ &:= 1^1 + 3^0 + 4^0 + 4^0 + 17^2 = 11 + 30 + 40 + 40 + 172 \\ &:= 1^2 + 1^2 + 1^7 + 8^0 + 17^2 = 12 + 12 + 17 + 80 + 172 \\ &:= 1^2 + 1^3 + 1^6 + 8^0 + 17^2 = 12 + 13 + 16 + 80 + 172 \\ &:= 1^2 + 1^4 + 1^5 + 8^0 + 17^2 = 12 + 14 + 15 + 80 + 172 \\ &:= 1^2 + 1^7 + 2^0 + 11^2 + 13^2 = 12 + 17 + 20 + 112 + 132 \\ &:= 1^2 + 1^8 + 1^9 + 11^2 + 13^2 = 12 + 18 + 19 + 112 + 132 \\ &:= 1^2 + 1^9 + 2^0 + 7^0 + 17^2 = 12 + 19 + 20 + 70 + 172 \\ &:= 1^2 + 1^9 + 3^0 + 6^0 + 17^2 = 12 + 19 + 30 + 60 + 172 \\ &:= 1^2 + 1^9 + 4^0 + 5^0 + 17^2 = 12 + 19 + 40 + 50 + 172 \\ &:= 1^2 + 2^0 + 2^8 + 4^2 + 19^1 = 12 + 20 + 28 + 42 + 191 \\ &:= 1^2 + 2^5 + 3^5 + 6^0 + 16^1 = 12 + 25 + 35 + 60 + 161 \\ &:= 1^2 + 2^8 + 5^2 + 10^0 + 10^1 = 12 + 28 + 52 + 100 + 101 \\ &:= 1^3 + 1^3 + 1^5 + 8^0 + 17^2 = 13 + 13 + 15 + 80 + 172 \\ &:= 1^3 + 1^4 + 1^4 + 8^0 + 17^2 = 13 + 14 + 14 + 80 + 172 \\ &:= 1^3 + 1^6 + 2^0 + 11^2 + 13^2 = 13 + 16 + 20 + 112 + 132 \\ &:= 1^3 + 1^7 + 1^9 + 11^2 + 13^2 = 13 + 17 + 19 + 112 + 132 \\ &:= 1^3 + 1^8 + 1^8 + 11^2 + 13^2 = 13 + 18 + 18 + 112 + 132 \\ &:= 1^3 + 1^8 + 2^0 + 7^0 + 17^2 = 13 + 18 + 20 + 70 + 172 \\ &:= 1^3 + 1^8 + 3^0 + 6^0 + 17^2 = 13 + 18 + 30 + 60 + 172 \\ &:= 1^3 + 1^8 + 4^0 + 5^0 + 17^2 = 13 + 18 + 40 + 50 + 172 \\ &:= 1^3 + 1^9 + 1^9 + 7^0 + 17^2 = 13 + 19 + 19 + 70 + 172 \\ &:= 1^3 + 1^9 + 2^8 + 4^2 + 19^1 = 13 + 19 + 28 + 42 + 191 \\ &:= 1^3 + 2^3 + 3^3 + 4^4 + 18^0 = 13 + 23 + 33 + 44 + 180 \\ &:= 1^3 + 2^5 + 3^1 + 4^4 + 18^0 = 13 + 25 + 31 + 44 + 180 \\ &:= 1^3 + 2^6 + 6^3 + 8^0 + 11^1 = 13 + 26 + 63 + 80 + 111 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 1^5 + 2^0 + 11^2 + 13^2 = 14 + 15 + 20 + 112 + 132 \\ &:= 1^4 + 1^6 + 1^9 + 11^2 + 13^2 = 14 + 16 + 19 + 112 + 132 \\ &:= 1^4 + 1^7 + 1^8 + 11^2 + 13^2 = 14 + 17 + 18 + 112 + 132 \\ &:= 1^4 + 1^7 + 2^0 + 7^0 + 17^2 = 14 + 17 + 20 + 70 + 172 \\ &:= 1^4 + 1^7 + 3^0 + 6^0 + 17^2 = 14 + 17 + 30 + 60 + 172 \\ &:= 1^4 + 1^7 + 4^0 + 5^0 + 17^2 = 14 + 17 + 40 + 50 + 172 \\ &:= 1^4 + 1^8 + 1^9 + 7^0 + 17^2 = 14 + 18 + 19 + 70 + 172 \\ &:= 1^4 + 1^8 + 2^8 + 4^2 + 19^1 = 14 + 18 + 28 + 42 + 191 \\ &:= 1^4 + 2^0 + 2^4 + 4^4 + 19^1 = 14 + 20 + 24 + 44 + 191 \\ &:= 1^4 + 2^1 + 2^6 + 8^0 + 15^2 = 14 + 21 + 26 + 80 + 152 \\ &:= 1^4 + 2^4 + 2^7 + 2^7 + 20^1 = 14 + 24 + 27 + 27 + 201 \\ &:= 1^5 + 1^5 + 1^9 + 11^2 + 13^2 = 15 + 15 + 19 + 112 + 132 \\ &:= 1^5 + 1^6 + 1^8 + 11^2 + 13^2 = 15 + 16 + 18 + 112 + 132 \\ &:= 1^5 + 1^6 + 2^0 + 7^0 + 17^2 = 15 + 16 + 20 + 70 + 172 \\ &:= 1^5 + 1^6 + 3^0 + 6^0 + 17^2 = 15 + 16 + 30 + 60 + 172 \\ &:= 1^5 + 1^6 + 4^0 + 5^0 + 17^2 = 15 + 16 + 40 + 50 + 172 \\ &:= 1^5 + 1^7 + 1^7 + 11^2 + 13^2 = 15 + 17 + 17 + 112 + 132 \\ &:= 1^5 + 1^7 + 1^9 + 7^0 + 17^2 = 15 + 17 + 19 + 70 + 172 \\ &:= 1^5 + 1^7 + 2^8 + 4^2 + 19^1 = 15 + 17 + 28 + 42 + 191 \\ &:= 1^5 + 1^8 + 1^8 + 7^0 + 17^2 = 15 + 18 + 18 + 70 + 172 \\ &:= 1^5 + 1^9 + 2^4 + 4^4 + 19^1 = 15 + 19 + 24 + 44 + 191 \\ &:= 1^5 + 2^3 + 3^3 + 6^0 + 16^2 = 15 + 23 + 33 + 60 + 162 \\ &:= 1^5 + 2^5 + 3^1 + 6^0 + 16^2 = 15 + 25 + 31 + 60 + 162 \\ &:= 1^5 + 2^6 + 2^7 + 3^4 + 19^1 = 15 + 26 + 27 + 34 + 191 \\ &:= 1^5 + 3^3 + 4^4 + 8^1 + 12^0 = 15 + 33 + 44 + 81 + 120 \\ &:= 1^5 + 3^5 + 6^0 + 6^2 + 12^1 = 15 + 35 + 60 + 62 + 121 \\ &:= 1^6 + 1^6 + 1^7 + 11^2 + 13^2 = 16 + 16 + 17 + 112 + 132 \\ &:= 1^6 + 1^6 + 1^9 + 7^0 + 17^2 = 16 + 16 + 19 + 70 + 172 \\ &:= 1^6 + 1^6 + 2^8 + 4^2 + 19^1 = 16 + 16 + 28 + 42 + 191 \\ &:= 1^6 + 1^7 + 1^8 + 7^0 + 17^2 = 16 + 17 + 18 + 70 + 172 \\ &:= 1^6 + 1^8 + 2^4 + 4^4 + 19^1 = 16 + 18 + 24 + 44 + 191 \\ &:= 1^6 + 4^3 + 6^0 + 6^3 + 11^1 = 16 + 43 + 60 + 63 + 111 \\ &:= 1^6 + 4^4 + 5^2 + 8^0 + 10^1 = 16 + 44 + 52 + 80 + 101 \\ &:= 1^7 + 1^7 + 1^7 + 7^0 + 17^2 = 17 + 17 + 17 + 70 + 172 \\ &:= 1^7 + 1^7 + 2^4 + 4^4 + 19^1 = 17 + 17 + 24 + 44 + 191 \\ &:= 1^7 + 2^0 + 6^3 + 8^2 + 11^1 = 17 + 20 + 63 + 82 + 111 \\ &:= 1^7 + 2^1 + 4^3 + 6^0 + 15^2 = 17 + 21 + 43 + 60 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^9 + 6^3 + 8^2 + 11^1 = 18 + 19 + 63 + 82 + 111 \\ &:= 1^8 + 2^0 + 2^1 + 8^2 + 15^2 = 18 + 20 + 21 + 82 + 152 \\ &:= 1^8 + 2^3 + 2^3 + 2^8 + 20^1 = 18 + 23 + 23 + 28 + 201 \\ &:= 1^8 + 2^5 + 2^7 + 11^1 + 11^2 = 18 + 25 + 27 + 111 + 112 \\ &:= 1^9 + 1^9 + 2^1 + 8^2 + 15^2 = 19 + 19 + 21 + 82 + 152 \\ &:= 1^9 + 2^3 + 2^8 + 3^2 + 19^1 = 19 + 23 + 28 + 32 + 191 \\ &:= 1^9 + 2^3 + 2^8 + 3^3 + 19^0 = 19 + 23 + 28 + 33 + 190 \\ &:= 1^9 + 2^4 + 2^5 + 3^5 + 19^0 = 19 + 24 + 25 + 35 + 190 \\ &:= 1^9 + 2^5 + 2^8 + 3^1 + 19^0 = 19 + 25 + 28 + 31 + 190 \\ &:= 2^0 + 2^4 + 2^5 + 10^2 + 12^2 = 20 + 24 + 25 + 102 + 122 \\ &:= 2^0 + 2^4 + 2^8 + 3^0 + 19^1 = 20 + 24 + 28 + 30 + 191 \\ &:= 2^0 + 2^7 + 5^2 + 5^3 + 14^1 = 20 + 27 + 52 + 53 + 141 \\ &:= 2^0 + 2^8 + 3^2 + 3^2 + 18^1 = 20 + 28 + 32 + 32 + 181 \\ &:= 2^1 + 2^8 + 3^2 + 5^2 + 16^0 = 21 + 28 + 32 + 52 + 160 \\ &:= 2^1 + 2^8 + 3^3 + 7^1 + 14^0 = 21 + 28 + 33 + 71 + 140 \\ &:= 2^2 + 2^5 + 3^5 + 8^0 + 13^1 = 22 + 25 + 35 + 80 + 131 \\ &:= 2^2 + 2^7 + 4^2 + 8^0 + 12^2 = 22 + 27 + 42 + 80 + 122 \\ &:= 2^2 + 2^8 + 4^0 + 4^2 + 16^1 = 22 + 28 + 40 + 42 + 161 \\ &:= 2^2 + 2^8 + 5^2 + 7^1 + 12^0 = 22 + 28 + 52 + 71 + 120 \\ &:= 2^3 + 2^5 + 3^3 + 6^0 + 15^2 = 23 + 25 + 33 + 60 + 152 \\ &:= 2^3 + 2^5 + 6^2 + 6^3 + 12^0 = 23 + 25 + 62 + 63 + 120 \\ &:= 2^3 + 2^6 + 4^1 + 6^3 + 14^0 = 23 + 26 + 41 + 63 + 140 \\ &:= 2^4 + 2^4 + 4^1 + 4^4 + 16^0 = 24 + 24 + 41 + 44 + 160 \\ &:= 2^4 + 2^4 + 4^3 + 6^0 + 14^2 = 24 + 24 + 43 + 60 + 142 \\ &:= 2^4 + 3^3 + 3^5 + 6^1 + 14^0 = 24 + 33 + 35 + 61 + 140 \\ &:= 2^5 + 2^5 + 3^1 + 6^0 + 15^2 = 25 + 25 + 31 + 60 + 152 \\ &:= 2^5 + 3^2 + 3^5 + 8^1 + 12^0 = 25 + 32 + 35 + 81 + 120 \\ &:= 2^5 + 3^3 + 4^3 + 6^0 + 13^2 = 25 + 33 + 43 + 60 + 132 \\ &:= 2^6 + 3^1 + 3^4 + 8^0 + 12^2 = 26 + 31 + 34 + 80 + 122 \\ &:= 2^6 + 4^0 + 4^3 + 8^2 + 10^2 = 26 + 40 + 43 + 82 + 102 \\ &:= 2^7 + 3^1 + 5^3 + 6^2 + 12^0 = 27 + 31 + 53 + 62 + 120 \\ &:= 2^7 + 4^0 + 6^2 + 8^2 + 8^2 = 27 + 40 + 62 + 82 + 82 \\ &:= 2^8 + 3^1 + 3^3 + 6^1 + 14^0 = 28 + 31 + 33 + 61 + 140 \\ &:= 2^8 + 3^2 + 4^2 + 8^0 + 11^1 = 28 + 32 + 42 + 80 + 111 \\ &:= 2^8 + 3^3 + 4^1 + 5^1 + 14^0 = 28 + 33 + 41 + 51 + 140 \\ &:= 2^8 + 4^1 + 4^2 + 4^2 + 14^0 = 28 + 41 + 42 + 42 + 140 \end{aligned}$$

2.2.195 Number 294

$$\begin{aligned}
 294 &:= 2^2 + 10^0 + 17^2 &= 22 + 100 + 172 &:= 1^1 + 2^1 + 4^0 + 5^0 + 17^2 &= 11 + 21 + 40 + 50 + 172 \\
 &:= 1^0 + 6^0 + 6^2 + 16^2 &= 10 + 60 + 62 + 162 &:= 1^1 + 2^4 + 2^8 + 3^0 + 20^1 &= 11 + 24 + 28 + 30 + 201 \\
 &:= 1^1 + 3^1 + 8^0 + 17^2 &= 11 + 31 + 80 + 172 &:= 1^1 + 2^5 + 2^6 + 9^0 + 14^2 &= 11 + 25 + 26 + 90 + 142 \\
 &:= 1^3 + 2^8 + 4^2 + 21^1 &= 13 + 28 + 42 + 211 &:= 1^1 + 2^7 + 5^2 + 5^3 + 15^1 &= 11 + 27 + 52 + 53 + 151 \\
 &:= 1^4 + 2^8 + 6^2 + 19^0 &= 14 + 28 + 62 + 190 &:= 1^1 + 2^8 + 3^2 + 3^2 + 19^1 &= 11 + 28 + 32 + 32 + 191 \\
 &:= 1^5 + 2^4 + 4^4 + 21^1 &= 15 + 24 + 44 + 211 &:= 1^1 + 2^8 + 3^2 + 3^3 + 19^0 &= 11 + 28 + 32 + 33 + 190 \\
 &:= 1^7 + 3^5 + 7^2 + 17^0 &= 17 + 35 + 72 + 170 &:= 1^2 + 1^3 + 2^4 + 4^4 + 20^1 &= 12 + 13 + 24 + 44 + 201 \\
 &:= 1^8 + 4^2 + 9^2 + 14^2 &= 18 + 42 + 92 + 142 &:= 1^2 + 1^5 + 3^3 + 11^2 + 12^2 &= 12 + 15 + 33 + 112 + 122 \\
 &:= 1^8 + 4^4 + 6^2 + 17^0 &= 18 + 44 + 62 + 170 &:= 1^2 + 1^6 + 2^2 + 12^2 + 12^2 &= 12 + 16 + 22 + 122 + 122 \\
 &:= 1^8 + 6^3 + 8^2 + 13^1 &= 18 + 63 + 82 + 131 &:= 1^2 + 1^6 + 6^3 + 8^2 + 12^1 &= 12 + 16 + 63 + 82 + 121 \\
 &:= 1^9 + 3^1 + 11^2 + 13^2 &= 19 + 31 + 112 + 132 &:= 1^2 + 1^7 + 2^1 + 11^2 + 13^2 &= 12 + 17 + 21 + 112 + 132 \\
 &:= 1^9 + 4^1 + 8^2 + 15^2 &= 19 + 41 + 82 + 152 &:= 1^2 + 1^7 + 3^1 + 8^2 + 15^2 &= 12 + 17 + 31 + 82 + 152 \\
 &:= 2^0 + 5^0 + 6^2 + 16^2 &= 20 + 50 + 62 + 162 &:= 1^2 + 1^9 + 2^1 + 7^0 + 17^2 &= 12 + 19 + 21 + 70 + 172 \\
 &:= 2^1 + 2^1 + 8^0 + 17^2 &= 21 + 21 + 80 + 172 &:= 1^2 + 2^1 + 2^8 + 4^2 + 19^1 &= 12 + 21 + 28 + 42 + 191 \\
 &:= 2^3 + 2^8 + 3^2 + 21^1 &= 23 + 28 + 32 + 211 &:= 1^2 + 2^4 + 3^5 + 4^2 + 18^1 &= 12 + 24 + 35 + 42 + 181 \\
 &:= 2^5 + 2^8 + 5^1 + 19^0 &= 25 + 28 + 51 + 190 &:= 1^2 + 2^6 + 6^2 + 7^2 + 12^2 &= 12 + 26 + 62 + 72 + 122 \\
 &:= 3^0 + 4^0 + 6^2 + 16^2 &= 30 + 40 + 62 + 162 &:= 1^2 + 2^7 + 4^3 + 10^2 + 11^0 &= 12 + 27 + 43 + 102 + 110 \\
 &:= 1^0 + 1^1 + 2^1 + 8^0 + 17^2 &= 10 + 11 + 21 + 80 + 172 &:= 1^2 + 2^7 + 6^2 + 8^1 + 11^2 &= 12 + 27 + 62 + 81 + 112 \\
 &:= 1^0 + 1^3 + 2^8 + 4^2 + 20^1 &= 10 + 13 + 28 + 42 + 201 &:= 1^2 + 2^8 + 3^1 + 4^2 + 18^1 &= 12 + 28 + 31 + 42 + 181 \\
 &:= 1^0 + 1^5 + 2^4 + 4^4 + 20^1 &= 10 + 15 + 24 + 44 + 201 &:= 1^2 + 2^8 + 3^3 + 9^1 + 13^0 &= 12 + 28 + 33 + 91 + 130 \\
 &:= 1^0 + 1^7 + 3^3 + 11^2 + 12^2 &= 10 + 17 + 33 + 112 + 122 &:= 1^2 + 2^8 + 4^1 + 4^2 + 17^1 &= 12 + 28 + 41 + 42 + 171 \\
 &:= 1^0 + 1^8 + 2^2 + 12^2 + 12^2 &= 10 + 18 + 22 + 122 + 122 &:= 1^2 + 2^8 + 4^2 + 10^1 + 11^1 &= 12 + 28 + 42 + 101 + 111 \\
 &:= 1^0 + 1^8 + 6^3 + 8^2 + 12^1 &= 10 + 18 + 63 + 82 + 121 &:= 1^2 + 2^8 + 4^2 + 5^1 + 16^1 &= 12 + 28 + 42 + 51 + 161 \\
 &:= 1^0 + 1^9 + 2^1 + 11^2 + 13^2 &= 10 + 19 + 21 + 112 + 132 &:= 1^2 + 2^8 + 4^2 + 6^1 + 15^1 &= 12 + 28 + 42 + 61 + 151 \\
 &:= 1^0 + 1^9 + 3^1 + 8^2 + 15^2 &= 10 + 19 + 31 + 82 + 152 &:= 1^2 + 2^8 + 4^2 + 7^1 + 14^1 &= 12 + 28 + 42 + 71 + 141 \\
 &:= 1^0 + 2^3 + 2^8 + 3^2 + 20^1 &= 10 + 23 + 28 + 32 + 201 &:= 1^2 + 2^8 + 4^2 + 8^1 + 13^1 &= 12 + 28 + 42 + 81 + 131 \\
 &:= 1^0 + 2^5 + 2^8 + 4^1 + 19^0 &= 10 + 25 + 28 + 41 + 190 &:= 1^2 + 2^8 + 4^2 + 9^1 + 12^1 &= 12 + 28 + 42 + 91 + 121 \\
 &:= 1^1 + 1^2 + 2^8 + 4^2 + 20^1 &= 11 + 12 + 28 + 42 + 201 &:= 1^3 + 1^4 + 3^3 + 11^2 + 12^2 &= 13 + 14 + 33 + 112 + 122 \\
 &:= 1^1 + 1^4 + 2^4 + 4^4 + 20^1 &= 11 + 14 + 24 + 44 + 201 &:= 1^3 + 1^5 + 2^2 + 12^2 + 12^2 &= 13 + 15 + 22 + 122 + 122 \\
 &:= 1^1 + 1^6 + 3^3 + 11^2 + 12^2 &= 11 + 16 + 33 + 112 + 122 &:= 1^3 + 1^5 + 6^3 + 8^2 + 12^1 &= 13 + 15 + 63 + 82 + 121 \\
 &:= 1^1 + 1^7 + 2^2 + 12^2 + 12^2 &= 11 + 17 + 22 + 122 + 122 &:= 1^3 + 1^6 + 2^1 + 11^2 + 13^2 &= 13 + 16 + 21 + 112 + 132 \\
 &:= 1^1 + 1^7 + 6^3 + 8^2 + 12^1 &= 11 + 17 + 63 + 82 + 121 &:= 1^3 + 1^6 + 3^1 + 8^2 + 15^2 &= 13 + 16 + 31 + 82 + 152 \\
 &:= 1^1 + 1^8 + 2^1 + 11^2 + 13^2 &= 11 + 18 + 21 + 112 + 132 &:= 1^3 + 1^8 + 2^1 + 7^0 + 17^2 &= 13 + 18 + 21 + 70 + 172 \\
 &:= 1^1 + 1^8 + 3^1 + 8^2 + 15^2 &= 11 + 18 + 31 + 82 + 152 &:= 1^3 + 2^2 + 2^5 + 4^4 + 19^0 &= 13 + 22 + 25 + 44 + 190 \\
 &:= 1^1 + 2^0 + 2^1 + 7^0 + 17^2 &= 11 + 20 + 21 + 70 + 172 &:= 1^3 + 2^2 + 3^3 + 3^5 + 19^1 &= 13 + 22 + 33 + 35 + 191 \\
 &:= 1^1 + 2^1 + 3^0 + 6^0 + 17^2 &= 11 + 21 + 30 + 60 + 172 &:= 1^3 + 2^3 + 2^4 + 10^2 + 13^2 &= 13 + 23 + 24 + 102 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^3 + 2^3 + 3^5 + 5^2 + 17^1 = 13 + 23 + 35 + 52 + 171 \\ &:= 1^3 + 2^4 + 3^3 + 9^2 + 13^2 = 13 + 24 + 33 + 92 + 132 \\ &:= 1^3 + 2^5 + 3^5 + 5^0 + 17^1 = 13 + 25 + 35 + 50 + 171 \\ &:= 1^3 + 2^5 + 4^2 + 7^2 + 14^2 = 13 + 25 + 42 + 72 + 142 \\ &:= 1^3 + 2^6 + 4^1 + 9^2 + 12^2 = 13 + 26 + 41 + 92 + 122 \\ &:= 1^3 + 2^7 + 7^0 + 8^2 + 10^2 = 13 + 27 + 70 + 82 + 102 \\ &:= 1^3 + 2^8 + 5^2 + 9^0 + 11^1 = 13 + 28 + 52 + 90 + 111 \\ &:= 1^3 + 3^4 + 3^4 + 10^1 + 11^2 = 13 + 34 + 34 + 101 + 112 \\ &:= 1^4 + 1^4 + 2^2 + 12^2 + 12^2 = 14 + 14 + 22 + 122 + 122 \\ &:= 1^4 + 1^4 + 6^3 + 8^2 + 12^1 = 14 + 14 + 63 + 82 + 121 \\ &:= 1^4 + 1^5 + 2^1 + 11^2 + 13^2 = 14 + 15 + 21 + 112 + 132 \\ &:= 1^4 + 1^5 + 3^1 + 8^2 + 15^2 = 14 + 15 + 31 + 82 + 152 \\ &:= 1^4 + 1^7 + 2^1 + 7^0 + 17^2 = 14 + 17 + 21 + 70 + 172 \\ &:= 1^4 + 2^1 + 2^4 + 4^4 + 19^1 = 14 + 21 + 24 + 44 + 191 \\ &:= 1^4 + 2^3 + 2^3 + 9^2 + 14^2 = 14 + 23 + 23 + 92 + 142 \\ &:= 1^4 + 2^3 + 3^4 + 8^1 + 14^2 = 14 + 23 + 34 + 81 + 142 \\ &:= 1^4 + 2^3 + 4^3 + 10^2 + 11^2 = 14 + 23 + 43 + 102 + 112 \\ &:= 1^4 + 2^4 + 3^1 + 4^4 + 18^1 = 14 + 24 + 31 + 44 + 181 \\ &:= 1^4 + 2^4 + 4^1 + 4^4 + 17^1 = 14 + 24 + 41 + 44 + 171 \\ &:= 1^4 + 2^4 + 4^2 + 6^2 + 15^2 = 14 + 24 + 42 + 62 + 152 \\ &:= 1^4 + 2^4 + 4^4 + 10^1 + 11^1 = 14 + 24 + 44 + 101 + 111 \\ &:= 1^4 + 2^4 + 4^4 + 5^1 + 16^1 = 14 + 24 + 44 + 51 + 161 \\ &:= 1^4 + 2^4 + 4^4 + 6^1 + 15^1 = 14 + 24 + 44 + 61 + 151 \\ &:= 1^4 + 2^4 + 4^4 + 7^1 + 14^1 = 14 + 24 + 44 + 71 + 141 \\ &:= 1^4 + 2^4 + 4^4 + 8^1 + 13^1 = 14 + 24 + 44 + 81 + 131 \\ &:= 1^4 + 2^4 + 4^4 + 9^1 + 12^1 = 14 + 24 + 44 + 91 + 121 \\ &:= 1^4 + 2^4 + 5^3 + 8^1 + 12^2 = 14 + 24 + 53 + 81 + 122 \\ &:= 1^4 + 2^4 + 6^3 + 7^2 + 12^1 = 14 + 24 + 63 + 72 + 121 \\ &:= 1^4 + 2^5 + 4^1 + 4^4 + 17^0 = 14 + 25 + 41 + 44 + 170 \\ &:= 1^4 + 2^5 + 4^3 + 7^0 + 14^2 = 14 + 25 + 43 + 70 + 142 \\ &:= 1^4 + 2^6 + 6^3 + 7^0 + 12^1 = 14 + 26 + 63 + 70 + 121 \\ &:= 1^4 + 3^2 + 3^5 + 5^2 + 16^1 = 14 + 32 + 35 + 52 + 161 \\ &:= 1^4 + 3^3 + 4^3 + 9^2 + 11^2 = 14 + 33 + 43 + 92 + 112 \\ &:= 1^5 + 1^6 + 2^1 + 7^0 + 17^2 = 15 + 16 + 21 + 70 + 172 \\ &:= 1^5 + 2^2 + 2^5 + 7^0 + 16^2 = 15 + 22 + 25 + 70 + 162 \\ &:= 1^5 + 2^2 + 4^2 + 4^4 + 17^1 = 15 + 22 + 42 + 44 + 171 \\ &:= 1^5 + 2^2 + 4^3 + 9^2 + 12^2 = 15 + 22 + 43 + 92 + 122 \\ &:= 1^5 + 2^4 + 3^1 + 7^2 + 15^2 = 15 + 24 + 31 + 72 + 152 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 2^4 + 4^2 + 5^1 + 16^2 = 15 + 24 + 42 + 51 + 162 \\ &:= 1^5 + 2^5 + 3^0 + 8^2 + 14^2 = 15 + 25 + 30 + 82 + 142 \\ &:= 1^5 + 2^6 + 3^1 + 7^0 + 15^2 = 15 + 26 + 31 + 70 + 152 \\ &:= 1^5 + 3^2 + 3^3 + 4^4 + 17^0 = 15 + 32 + 33 + 44 + 170 \\ &:= 1^5 + 3^2 + 3^4 + 7^1 + 14^2 = 15 + 32 + 34 + 71 + 142 \\ &:= 1^5 + 3^3 + 4^2 + 5^2 + 15^2 = 15 + 33 + 42 + 52 + 152 \\ &:= 1^5 + 3^3 + 4^3 + 6^1 + 14^2 = 15 + 33 + 43 + 61 + 142 \\ &:= 1^5 + 3^4 + 4^1 + 8^2 + 12^2 = 15 + 34 + 41 + 82 + 122 \\ &:= 1^6 + 2^2 + 3^3 + 6^1 + 16^2 = 16 + 22 + 33 + 61 + 162 \\ &:= 1^6 + 2^3 + 4^1 + 5^2 + 16^2 = 16 + 23 + 41 + 52 + 162 \\ &:= 1^6 + 2^5 + 4^1 + 5^0 + 16^2 = 16 + 25 + 41 + 50 + 162 \\ &:= 1^6 + 3^3 + 4^4 + 9^1 + 11^0 = 16 + 33 + 44 + 91 + 110 \\ &:= 1^6 + 3^3 + 6^3 + 7^2 + 11^0 = 16 + 33 + 63 + 72 + 110 \\ &:= 1^6 + 3^5 + 5^0 + 6^2 + 13^1 = 16 + 35 + 50 + 62 + 131 \\ &:= 1^6 + 4^1 + 5^3 + 8^2 + 10^2 = 16 + 41 + 53 + 82 + 102 \\ &:= 1^7 + 2^1 + 6^3 + 8^2 + 11^1 = 17 + 21 + 63 + 82 + 111 \\ &:= 1^7 + 3^1 + 3^2 + 5^2 + 16^2 = 17 + 31 + 32 + 52 + 162 \\ &:= 1^7 + 3^1 + 6^3 + 8^2 + 10^1 = 17 + 31 + 63 + 82 + 101 \\ &:= 1^7 + 3^2 + 3^3 + 5^0 + 16^2 = 17 + 32 + 33 + 50 + 162 \\ &:= 1^7 + 4^1 + 6^3 + 8^2 + 9^1 = 17 + 41 + 63 + 82 + 91 \\ &:= 1^7 + 4^3 + 5^0 + 6^3 + 12^1 = 17 + 43 + 50 + 63 + 121 \\ &:= 1^7 + 4^4 + 5^2 + 7^0 + 11^1 = 17 + 44 + 52 + 70 + 111 \\ &:= 1^7 + 5^1 + 6^3 + 8^1 + 8^2 = 17 + 51 + 63 + 81 + 82 \\ &:= 1^7 + 6^1 + 6^3 + 7^1 + 8^2 = 17 + 61 + 63 + 71 + 82 \\ &:= 1^8 + 2^1 + 2^1 + 8^2 + 15^2 = 18 + 21 + 21 + 82 + 152 \\ &:= 1^8 + 2^7 + 2^7 + 6^2 + 16^0 = 18 + 27 + 27 + 62 + 160 \\ &:= 1^8 + 3^1 + 4^3 + 5^0 + 15^2 = 18 + 31 + 43 + 50 + 152 \\ &:= 1^9 + 2^2 + 2^5 + 2^8 + 20^0 = 19 + 22 + 25 + 28 + 200 \\ &:= 1^9 + 2^6 + 2^7 + 10^2 + 12^0 = 19 + 26 + 27 + 102 + 120 \\ &:= 2^0 + 2^5 + 2^8 + 4^1 + 18^0 = 20 + 25 + 28 + 41 + 180 \\ &:= 2^1 + 2^4 + 2^5 + 10^2 + 12^2 = 21 + 24 + 25 + 102 + 122 \\ &:= 2^1 + 2^4 + 2^8 + 3^0 + 19^1 = 21 + 24 + 28 + 30 + 191 \\ &:= 2^1 + 2^7 + 5^2 + 5^3 + 14^1 = 21 + 27 + 52 + 53 + 141 \\ &:= 2^1 + 2^8 + 3^2 + 3^2 + 18^1 = 21 + 28 + 32 + 32 + 181 \\ &:= 2^2 + 2^3 + 2^5 + 9^2 + 13^2 = 22 + 23 + 25 + 92 + 132 \\ &:= 2^2 + 2^5 + 2^5 + 7^0 + 15^2 = 22 + 25 + 25 + 70 + 152 \\ &:= 2^2 + 2^5 + 3^3 + 6^3 + 15^1 = 22 + 25 + 33 + 63 + 151 \\ &:= 2^2 + 2^5 + 3^4 + 8^1 + 13^2 = 22 + 25 + 34 + 81 + 132 \end{aligned}$$

$:= 2^2 + 2^6 + 3^4 + 9^0 + 12^2 = 22 + 26 + 34 + 90 + 122$	$:= 2^5 + 2^8 + 4^1 + 7^0 + 13^0 = 25 + 28 + 41 + 70 + 130$
$:= 2^2 + 2^7 + 3^2 + 9^1 + 12^2 = 22 + 27 + 32 + 91 + 122$	$:= 2^5 + 2^8 + 4^1 + 8^0 + 12^0 = 25 + 28 + 41 + 80 + 120$
$:= 2^2 + 2^7 + 5^3 + 6^2 + 13^0 = 22 + 27 + 53 + 62 + 130$	$:= 2^5 + 2^8 + 4^1 + 9^0 + 11^0 = 25 + 28 + 41 + 90 + 110$
$:= 2^2 + 2^8 + 3^3 + 6^1 + 15^0 = 22 + 28 + 33 + 61 + 150$	$:= 2^5 + 3^2 + 3^2 + 3^5 + 17^0 = 25 + 32 + 32 + 35 + 170$
$:= 2^3 + 2^5 + 3^2 + 7^2 + 14^2 = 23 + 25 + 32 + 72 + 142$	$:= 2^5 + 4^3 + 5^3 + 8^2 + 9^1 = 25 + 43 + 53 + 82 + 91$
$:= 2^3 + 2^5 + 3^5 + 10^1 + 11^0 = 23 + 25 + 35 + 101 + 110$	$:= 2^6 + 3^1 + 3^3 + 10^2 + 10^2 = 26 + 31 + 33 + 102 + 102$
$:= 2^3 + 2^5 + 5^2 + 6^3 + 13^1 = 23 + 25 + 52 + 63 + 131$	$:= 2^6 + 3^2 + 4^2 + 6^2 + 13^2 = 26 + 32 + 42 + 62 + 132$
$:= 2^3 + 2^5 + 5^3 + 8^1 + 11^2 = 23 + 25 + 53 + 81 + 112$	$:= 2^6 + 4^1 + 4^3 + 9^2 + 9^2 = 26 + 41 + 43 + 92 + 92$
$:= 2^3 + 2^6 + 4^1 + 7^2 + 13^2 = 23 + 26 + 41 + 72 + 132$	$:= 2^6 + 4^2 + 4^3 + 6^1 + 12^2 = 26 + 42 + 43 + 61 + 122$
$:= 2^3 + 2^7 + 6^2 + 7^0 + 11^2 = 23 + 27 + 62 + 70 + 112$	$:= 2^6 + 4^2 + 5^3 + 8^1 + 9^2 = 26 + 42 + 53 + 81 + 92$
$:= 2^3 + 2^8 + 4^1 + 5^2 + 15^0 = 23 + 28 + 41 + 52 + 150$	$:= 2^6 + 5^3 + 7^1 + 7^2 + 7^2 = 26 + 53 + 71 + 72 + 72$
$:= 2^3 + 2^8 + 4^2 + 7^0 + 13^1 = 23 + 28 + 42 + 70 + 131$	$:= 2^7 + 3^1 + 3^4 + 9^2 + 11^0 = 27 + 31 + 34 + 92 + 110$
$:= 2^4 + 2^4 + 3^0 + 3^5 + 18^1 = 24 + 24 + 30 + 35 + 181$	$:= 2^7 + 3^1 + 5^2 + 5^3 + 13^1 = 27 + 31 + 52 + 53 + 131$
$:= 2^4 + 2^5 + 4^2 + 5^1 + 15^2 = 24 + 25 + 42 + 51 + 152$	$:= 2^7 + 3^3 + 5^0 + 5^3 + 13^1 = 27 + 33 + 50 + 53 + 131$
$:= 2^4 + 2^7 + 5^1 + 7^0 + 12^2 = 24 + 27 + 51 + 70 + 122$	$:= 2^7 + 4^1 + 5^2 + 5^3 + 12^1 = 27 + 41 + 52 + 53 + 121$
$:= 2^4 + 2^8 + 3^0 + 10^1 + 11^1 = 24 + 28 + 30 + 101 + 111$	$:= 2^7 + 4^1 + 7^2 + 7^2 + 8^2 = 27 + 41 + 72 + 72 + 82$
$:= 2^4 + 2^8 + 3^0 + 3^1 + 18^1 = 24 + 28 + 30 + 31 + 181$	$:= 2^7 + 4^2 + 5^1 + 8^2 + 9^2 = 27 + 42 + 51 + 82 + 92$
$:= 2^4 + 2^8 + 3^0 + 4^1 + 17^1 = 24 + 28 + 30 + 41 + 171$	$:= 2^7 + 5^1 + 5^2 + 5^3 + 11^1 = 27 + 51 + 52 + 53 + 111$
$:= 2^4 + 2^8 + 3^0 + 5^1 + 16^1 = 24 + 28 + 30 + 51 + 161$	$:= 2^7 + 5^1 + 5^2 + 6^2 + 10^2 = 27 + 51 + 52 + 62 + 102$
$:= 2^4 + 2^8 + 3^0 + 6^1 + 15^1 = 24 + 28 + 30 + 61 + 151$	$:= 2^7 + 5^2 + 5^3 + 6^1 + 10^1 = 27 + 52 + 53 + 61 + 101$
$:= 2^4 + 2^8 + 3^0 + 7^1 + 14^1 = 24 + 28 + 30 + 71 + 141$	$:= 2^7 + 5^2 + 5^3 + 7^1 + 9^1 = 27 + 52 + 53 + 71 + 91$
$:= 2^4 + 2^8 + 3^0 + 8^1 + 13^1 = 24 + 28 + 30 + 81 + 131$	$:= 2^7 + 5^2 + 5^3 + 8^1 + 8^1 = 27 + 52 + 53 + 81 + 81$
$:= 2^4 + 2^8 + 3^0 + 9^1 + 12^1 = 24 + 28 + 30 + 91 + 121$	$:= 2^8 + 3^1 + 3^2 + 3^2 + 17^1 = 28 + 31 + 32 + 32 + 171$
$:= 2^4 + 3^2 + 3^2 + 3^5 + 17^1 = 24 + 32 + 32 + 35 + 171$	$:= 2^8 + 3^2 + 3^2 + 10^1 + 10^1 = 28 + 32 + 32 + 101 + 101$
$:= 2^4 + 3^4 + 4^2 + 9^2 + 10^2 = 24 + 34 + 42 + 92 + 102$	$:= 2^8 + 3^2 + 3^2 + 4^1 + 16^1 = 28 + 32 + 32 + 41 + 161$
$:= 2^5 + 2^5 + 5^0 + 6^3 + 13^1 = 25 + 25 + 50 + 63 + 131$	$:= 2^8 + 3^2 + 3^2 + 5^1 + 15^1 = 28 + 32 + 32 + 51 + 151$
$:= 2^5 + 2^8 + 3^0 + 4^1 + 17^0 = 25 + 28 + 30 + 41 + 170$	$:= 2^8 + 3^2 + 3^2 + 6^1 + 14^1 = 28 + 32 + 32 + 61 + 141$
$:= 2^5 + 2^8 + 4^0 + 4^1 + 16^0 = 25 + 28 + 40 + 41 + 160$	$:= 2^8 + 3^2 + 3^2 + 7^1 + 13^1 = 28 + 32 + 32 + 71 + 131$
$:= 2^5 + 2^8 + 4^1 + 10^0 + 10^0 = 25 + 28 + 41 + 100 + 100$	$:= 2^8 + 3^2 + 3^2 + 8^1 + 12^1 = 28 + 32 + 32 + 81 + 121$
$:= 2^5 + 2^8 + 4^1 + 5^0 + 15^0 = 25 + 28 + 41 + 50 + 150$	$:= 2^8 + 3^2 + 3^2 + 9^1 + 11^1 = 28 + 32 + 32 + 91 + 111$
$:= 2^5 + 2^8 + 4^1 + 6^0 + 14^0 = 25 + 28 + 41 + 60 + 140$	

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$295 := 5^1 + 11^2 + 13^2 = 51 + 112 + 132$	$:= 1^0 + 5^1 + 8^2 + 15^2 = 10 + 51 + 82 + 152$
$:= 5^3 + 11^0 + 13^2 = 53 + 110 + 132$	$:= 1^1 + 2^2 + 9^0 + 17^2 = 11 + 22 + 90 + 172$
$:= 6^1 + 8^2 + 15^2 = 61 + 82 + 152$	$:= 1^2 + 4^1 + 7^0 + 17^2 = 12 + 41 + 70 + 172$
$:= 1^0 + 4^1 + 11^2 + 13^2 = 10 + 41 + 112 + 132$	$:= 2^1 + 5^0 + 6^2 + 16^2 = 21 + 50 + 62 + 162$

$$\begin{aligned} &:= 1^0 + 1^0 + 3^1 + 11^2 + 13^2 = 10 + 10 + 31 + 112 + 132 \\ &:= 1^0 + 1^0 + 4^1 + 8^2 + 15^2 = 10 + 10 + 41 + 82 + 152 \\ &:= 1^0 + 1^1 + 5^0 + 6^2 + 16^2 = 10 + 11 + 50 + 62 + 162 \\ &:= 1^0 + 1^2 + 3^1 + 7^0 + 17^2 = 10 + 12 + 31 + 70 + 172 \\ &:= 1^0 + 1^5 + 2^8 + 6^2 + 18^0 = 10 + 15 + 28 + 62 + 180 \\ &:= 1^0 + 1^8 + 3^5 + 7^2 + 16^0 = 10 + 18 + 35 + 72 + 160 \\ &:= 1^0 + 1^9 + 4^4 + 6^2 + 16^0 = 10 + 19 + 44 + 62 + 160 \\ &:= 1^1 + 1^1 + 3^1 + 7^0 + 17^2 = 11 + 11 + 31 + 70 + 172 \\ &:= 1^1 + 1^4 + 2^8 + 6^2 + 18^0 = 11 + 14 + 28 + 62 + 180 \\ &:= 1^1 + 1^7 + 3^5 + 7^2 + 16^0 = 11 + 17 + 35 + 72 + 160 \\ &:= 1^1 + 1^8 + 4^4 + 6^2 + 16^0 = 11 + 18 + 44 + 62 + 160 \\ &:= 1^1 + 2^0 + 4^0 + 6^2 + 16^2 = 11 + 20 + 40 + 62 + 162 \\ &:= 1^1 + 2^1 + 2^1 + 7^0 + 17^2 = 11 + 21 + 21 + 70 + 172 \\ &:= 1^1 + 2^5 + 2^8 + 5^1 + 18^0 = 11 + 25 + 28 + 51 + 180 \\ &:= 1^1 + 3^0 + 3^0 + 6^2 + 16^2 = 11 + 30 + 30 + 62 + 162 \\ &:= 1^2 + 1^3 + 2^8 + 6^2 + 18^0 = 12 + 13 + 28 + 62 + 180 \\ &:= 1^2 + 1^6 + 3^5 + 7^2 + 16^0 = 12 + 16 + 35 + 72 + 160 \\ &:= 1^2 + 1^7 + 4^4 + 6^2 + 16^0 = 12 + 17 + 44 + 62 + 160 \\ &:= 1^2 + 1^9 + 4^0 + 6^2 + 16^2 = 12 + 19 + 40 + 62 + 162 \\ &:= 1^2 + 2^0 + 2^4 + 2^8 + 21^1 = 12 + 20 + 24 + 28 + 211 \\ &:= 1^2 + 2^0 + 3^1 + 6^0 + 17^2 = 12 + 20 + 31 + 60 + 172 \\ &:= 1^2 + 3^0 + 3^1 + 5^0 + 17^2 = 12 + 30 + 31 + 50 + 172 \\ &:= 1^2 + 3^1 + 4^0 + 4^0 + 17^2 = 12 + 31 + 40 + 40 + 172 \\ &:= 1^3 + 1^5 + 3^5 + 7^2 + 16^0 = 13 + 15 + 35 + 72 + 160 \\ &:= 1^3 + 1^6 + 4^4 + 6^2 + 16^0 = 13 + 16 + 44 + 62 + 160 \\ &:= 1^3 + 1^8 + 4^0 + 6^2 + 16^2 = 13 + 18 + 40 + 62 + 162 \\ &:= 1^3 + 1^9 + 2^4 + 2^8 + 21^1 = 13 + 19 + 24 + 28 + 211 \\ &:= 1^3 + 1^9 + 3^1 + 6^0 + 17^2 = 13 + 19 + 31 + 60 + 172 \\ &:= 1^3 + 2^8 + 3^3 + 10^1 + 12^0 = 13 + 28 + 33 + 101 + 120 \\ &:= 1^4 + 1^4 + 3^5 + 7^2 + 16^0 = 14 + 14 + 35 + 72 + 160 \\ &:= 1^4 + 1^5 + 4^4 + 6^2 + 16^0 = 14 + 15 + 44 + 62 + 160 \\ &:= 1^4 + 1^7 + 4^0 + 6^2 + 16^2 = 14 + 17 + 40 + 62 + 162 \\ &:= 1^4 + 1^8 + 2^4 + 2^8 + 21^1 = 14 + 18 + 24 + 28 + 211 \\ &:= 1^4 + 1^8 + 3^1 + 6^0 + 17^2 = 14 + 18 + 31 + 60 + 172 \\ &:= 1^4 + 2^5 + 3^5 + 4^0 + 18^1 = 14 + 25 + 35 + 40 + 181 \\ &:= 1^4 + 2^8 + 5^2 + 8^0 + 12^1 = 14 + 28 + 52 + 80 + 121 \\ &:= 1^5 + 1^6 + 4^0 + 6^2 + 16^2 = 15 + 16 + 40 + 62 + 162 \\ &:= 1^5 + 1^7 + 2^4 + 2^8 + 21^1 = 15 + 17 + 24 + 28 + 211 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^7 + 3^1 + 6^0 + 17^2 = 15 + 17 + 31 + 60 + 172 \\ &:= 1^5 + 2^0 + 2^8 + 6^2 + 17^0 = 15 + 20 + 28 + 62 + 170 \\ &:= 1^5 + 2^2 + 2^6 + 8^0 + 15^2 = 15 + 22 + 26 + 80 + 152 \\ &:= 1^5 + 2^4 + 3^4 + 8^0 + 14^2 = 15 + 24 + 34 + 80 + 142 \\ &:= 1^5 + 2^5 + 4^4 + 5^1 + 16^0 = 15 + 25 + 44 + 51 + 160 \\ &:= 1^5 + 2^6 + 6^0 + 6^3 + 13^1 = 15 + 26 + 60 + 63 + 131 \\ &:= 1^5 + 2^8 + 3^0 + 6^2 + 16^0 = 15 + 28 + 30 + 62 + 160 \\ &:= 1^5 + 2^8 + 4^0 + 6^2 + 15^0 = 15 + 28 + 40 + 62 + 150 \\ &:= 1^5 + 2^8 + 5^0 + 6^2 + 14^0 = 15 + 28 + 50 + 62 + 140 \\ &:= 1^5 + 2^8 + 6^0 + 6^2 + 13^0 = 15 + 28 + 60 + 62 + 130 \\ &:= 1^5 + 2^8 + 6^2 + 7^0 + 12^0 = 15 + 28 + 62 + 70 + 120 \\ &:= 1^5 + 2^8 + 6^2 + 8^0 + 11^0 = 15 + 28 + 62 + 80 + 110 \\ &:= 1^5 + 2^8 + 6^2 + 9^0 + 10^0 = 15 + 28 + 62 + 90 + 100 \\ &:= 1^6 + 1^6 + 2^4 + 2^8 + 21^1 = 16 + 16 + 24 + 28 + 211 \\ &:= 1^6 + 1^6 + 3^1 + 6^0 + 17^2 = 16 + 16 + 31 + 60 + 172 \\ &:= 1^6 + 1^9 + 2^8 + 6^2 + 17^0 = 16 + 19 + 28 + 62 + 170 \\ &:= 1^6 + 2^5 + 4^0 + 6^2 + 15^2 = 16 + 25 + 40 + 62 + 152 \\ &:= 1^6 + 2^6 + 4^1 + 6^0 + 15^2 = 16 + 26 + 41 + 60 + 152 \\ &:= 1^6 + 3^5 + 5^2 + 5^2 + 14^0 = 16 + 35 + 52 + 52 + 140 \\ &:= 1^7 + 1^8 + 2^8 + 6^2 + 17^0 = 17 + 18 + 28 + 62 + 170 \\ &:= 1^7 + 2^0 + 2^4 + 9^2 + 14^2 = 17 + 20 + 24 + 92 + 142 \\ &:= 1^7 + 2^5 + 4^0 + 5^1 + 16^2 = 17 + 25 + 40 + 51 + 162 \\ &:= 1^7 + 3^3 + 4^4 + 10^0 + 10^1 = 17 + 33 + 44 + 100 + 101 \\ &:= 1^7 + 3^4 + 4^2 + 6^0 + 14^2 = 17 + 34 + 42 + 60 + 142 \\ &:= 1^7 + 3^5 + 4^0 + 6^2 + 14^1 = 17 + 35 + 40 + 62 + 141 \\ &:= 1^8 + 1^9 + 2^4 + 9^2 + 14^2 = 18 + 19 + 24 + 92 + 142 \\ &:= 1^8 + 2^0 + 3^5 + 7^2 + 15^0 = 18 + 20 + 35 + 72 + 150 \\ &:= 1^8 + 2^2 + 4^3 + 6^0 + 15^2 = 18 + 22 + 43 + 60 + 152 \\ &:= 1^8 + 3^0 + 3^5 + 7^2 + 14^0 = 18 + 30 + 35 + 72 + 140 \\ &:= 1^8 + 3^5 + 4^0 + 7^2 + 13^0 = 18 + 35 + 40 + 72 + 130 \\ &:= 1^8 + 3^5 + 5^0 + 7^2 + 12^0 = 18 + 35 + 50 + 72 + 120 \\ &:= 1^8 + 3^5 + 6^0 + 7^2 + 11^0 = 18 + 35 + 60 + 72 + 110 \\ &:= 1^8 + 3^5 + 7^0 + 7^2 + 10^0 = 18 + 35 + 70 + 72 + 100 \\ &:= 1^8 + 3^5 + 7^2 + 8^0 + 9^0 = 18 + 35 + 72 + 80 + 90 \\ &:= 1^8 + 4^0 + 4^3 + 6^3 + 13^1 = 18 + 40 + 43 + 63 + 131 \\ &:= 1^8 + 4^4 + 5^2 + 6^0 + 12^1 = 18 + 44 + 52 + 60 + 121 \\ &:= 1^9 + 1^9 + 3^5 + 7^2 + 15^0 = 19 + 19 + 35 + 72 + 150 \\ &:= 1^9 + 2^0 + 2^2 + 8^2 + 15^2 = 19 + 20 + 22 + 82 + 152 \end{aligned}$$

$$\begin{aligned}
 &:= 1^9 + 2^0 + 4^4 + 6^2 + 15^0 = 19 + 20 + 44 + 62 + 150 \\
 &:= 1^9 + 3^0 + 4^4 + 6^2 + 14^0 = 19 + 30 + 44 + 62 + 140 \\
 &:= 1^9 + 4^0 + 4^1 + 4^3 + 15^2 = 19 + 40 + 41 + 43 + 152 \\
 &:= 1^9 + 4^0 + 4^4 + 6^2 + 13^0 = 19 + 40 + 44 + 62 + 130 \\
 &:= 1^9 + 4^4 + 5^0 + 6^2 + 12^0 = 19 + 44 + 50 + 62 + 120 \\
 &:= 1^9 + 4^4 + 6^0 + 6^2 + 11^0 = 19 + 44 + 60 + 62 + 110 \\
 &:= 1^9 + 4^4 + 6^2 + 7^0 + 10^0 = 19 + 44 + 62 + 70 + 100 \\
 &:= 1^9 + 4^4 + 6^2 + 8^0 + 9^0 = 19 + 44 + 62 + 80 + 90 \\
 &:= 2^1 + 2^5 + 2^8 + 4^1 + 18^0 = 21 + 25 + 28 + 41 + 180 \\
 &:= 2^2 + 2^4 + 2^8 + 4^0 + 18^1 = 22 + 24 + 28 + 40 + 181
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^2 + 2^7 + 3^4 + 9^2 + 12^0 = 22 + 27 + 34 + 92 + 120 \\
 &:= 2^3 + 2^4 + 3^3 + 3^5 + 18^0 = 23 + 24 + 33 + 35 + 180 \\
 &:= 2^3 + 2^8 + 3^1 + 3^3 + 18^0 = 23 + 28 + 31 + 33 + 180 \\
 &:= 2^4 + 2^5 + 3^1 + 3^5 + 18^0 = 24 + 25 + 31 + 35 + 180 \\
 &:= 2^4 + 2^8 + 3^2 + 8^0 + 13^1 = 24 + 28 + 32 + 80 + 131 \\
 &:= 2^4 + 2^8 + 4^2 + 6^1 + 14^0 = 24 + 28 + 42 + 61 + 140 \\
 &:= 2^5 + 2^8 + 3^1 + 3^1 + 18^0 = 25 + 28 + 31 + 31 + 180 \\
 &:= 2^5 + 3^4 + 3^4 + 10^0 + 10^2 = 25 + 34 + 34 + 100 + 102 \\
 &:= 2^7 + 3^4 + 6^2 + 7^2 + 10^0 = 27 + 34 + 62 + 72 + 100
 \end{aligned}$$

2.2.197 Number 296

$$\begin{aligned}
 296 &:= 1^1 + 5^3 + 10^0 + 13^2 = 11 + 53 + 100 + 132 \\
 &:= 1^3 + 2^4 + 2^8 + 23^1 = 13 + 24 + 28 + 231 \\
 &:= 1^3 + 5^1 + 6^0 + 17^2 = 13 + 51 + 60 + 172 \\
 &:= 4^0 + 4^3 + 6^1 + 15^2 = 40 + 43 + 61 + 152 \\
 &:= 1^0 + 1^2 + 2^2 + 8^0 + 17^2 = 10 + 12 + 22 + 80 + 172 \\
 &:= 1^0 + 1^3 + 2^4 + 2^8 + 22^1 = 10 + 13 + 24 + 28 + 221 \\
 &:= 1^0 + 1^3 + 4^1 + 6^0 + 17^2 = 10 + 13 + 41 + 60 + 172 \\
 &:= 1^0 + 2^0 + 2^2 + 11^2 + 13^2 = 10 + 20 + 22 + 112 + 132 \\
 &:= 1^0 + 4^0 + 4^3 + 5^1 + 15^2 = 10 + 40 + 43 + 51 + 152 \\
 &:= 1^1 + 1^1 + 2^2 + 8^0 + 17^2 = 11 + 11 + 22 + 80 + 172 \\
 &:= 1^1 + 1^2 + 2^4 + 2^8 + 22^1 = 11 + 12 + 24 + 28 + 221 \\
 &:= 1^1 + 1^2 + 4^1 + 6^0 + 17^2 = 11 + 12 + 41 + 60 + 172 \\
 &:= 1^1 + 1^9 + 2^2 + 11^2 + 13^2 = 11 + 19 + 22 + 112 + 132 \\
 &:= 1^1 + 2^1 + 4^0 + 6^2 + 16^2 = 11 + 21 + 40 + 62 + 162 \\
 &:= 1^2 + 1^8 + 2^2 + 11^2 + 13^2 = 12 + 18 + 22 + 112 + 132 \\
 &:= 1^2 + 2^0 + 2^2 + 7^0 + 17^2 = 12 + 20 + 22 + 70 + 172 \\
 &:= 1^2 + 2^1 + 2^4 + 2^8 + 21^1 = 12 + 21 + 24 + 28 + 211 \\
 &:= 1^2 + 2^1 + 3^1 + 6^0 + 17^2 = 12 + 21 + 31 + 60 + 172 \\
 &:= 1^2 + 2^2 + 3^0 + 6^0 + 17^2 = 12 + 22 + 30 + 60 + 172 \\
 &:= 1^2 + 2^2 + 4^0 + 5^0 + 17^2 = 12 + 22 + 40 + 50 + 172 \\
 &:= 1^2 + 2^4 + 2^4 + 3^5 + 20^1 = 12 + 24 + 24 + 35 + 201 \\
 &:= 1^2 + 2^4 + 2^8 + 10^1 + 13^1 = 12 + 24 + 28 + 101 + 131 \\
 &:= 1^2 + 2^4 + 2^8 + 11^1 + 12^1 = 12 + 24 + 28 + 111 + 121 \\
 &:= 1^2 + 2^4 + 2^8 + 3^1 + 20^1 = 12 + 24 + 28 + 31 + 201 \\
 &:= 1^2 + 2^4 + 2^8 + 4^1 + 19^1 = 12 + 24 + 28 + 41 + 191
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^2 + 2^4 + 2^8 + 5^1 + 18^1 = 12 + 24 + 28 + 51 + 181 \\
 &:= 1^2 + 2^4 + 2^8 + 6^1 + 17^1 = 12 + 24 + 28 + 61 + 171 \\
 &:= 1^2 + 2^4 + 2^8 + 7^1 + 16^1 = 12 + 24 + 28 + 71 + 161 \\
 &:= 1^2 + 2^4 + 2^8 + 8^1 + 15^1 = 12 + 24 + 28 + 81 + 151 \\
 &:= 1^2 + 2^4 + 2^8 + 9^1 + 14^1 = 12 + 24 + 28 + 91 + 141 \\
 &:= 1^2 + 2^5 + 2^8 + 6^1 + 17^0 = 12 + 25 + 28 + 61 + 170 \\
 &:= 1^3 + 1^7 + 2^2 + 11^2 + 13^2 = 13 + 17 + 22 + 112 + 132 \\
 &:= 1^3 + 1^9 + 2^2 + 7^0 + 17^2 = 13 + 19 + 22 + 70 + 172 \\
 &:= 1^3 + 2^0 + 4^1 + 5^0 + 17^2 = 13 + 20 + 41 + 50 + 172 \\
 &:= 1^3 + 2^2 + 2^8 + 4^2 + 19^1 = 13 + 22 + 28 + 42 + 191 \\
 &:= 1^3 + 3^0 + 4^0 + 4^1 + 17^2 = 13 + 30 + 40 + 41 + 172 \\
 &:= 1^4 + 1^6 + 2^2 + 11^2 + 13^2 = 14 + 16 + 22 + 112 + 132 \\
 &:= 1^4 + 1^8 + 2^2 + 7^0 + 17^2 = 14 + 18 + 22 + 70 + 172 \\
 &:= 1^4 + 1^9 + 4^1 + 5^0 + 17^2 = 14 + 19 + 41 + 50 + 172 \\
 &:= 1^4 + 2^6 + 3^3 + 8^1 + 14^2 = 14 + 26 + 33 + 81 + 142 \\
 &:= 1^4 + 2^8 + 3^3 + 11^0 + 11^1 = 14 + 28 + 33 + 110 + 111 \\
 &:= 1^5 + 1^5 + 2^2 + 11^2 + 13^2 = 15 + 15 + 22 + 112 + 132 \\
 &:= 1^5 + 1^7 + 2^2 + 7^0 + 17^2 = 15 + 17 + 22 + 70 + 172 \\
 &:= 1^5 + 1^8 + 4^1 + 5^0 + 17^2 = 15 + 18 + 41 + 50 + 172 \\
 &:= 1^5 + 2^1 + 2^8 + 6^2 + 17^0 = 15 + 21 + 28 + 62 + 170 \\
 &:= 1^5 + 2^2 + 2^4 + 4^4 + 19^1 = 15 + 22 + 24 + 44 + 191 \\
 &:= 1^5 + 2^4 + 2^4 + 7^1 + 16^2 = 15 + 24 + 24 + 71 + 162 \\
 &:= 1^5 + 2^5 + 3^0 + 3^5 + 19^1 = 15 + 25 + 30 + 35 + 191 \\
 &:= 1^5 + 2^8 + 5^2 + 7^0 + 13^1 = 15 + 28 + 52 + 70 + 131 \\
 &:= 1^6 + 1^6 + 2^2 + 7^0 + 17^2 = 16 + 16 + 22 + 70 + 172
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^6 + 1^7 + 4^1 + 5^0 + 17^2 = 16 + 17 + 41 + 50 + 172 \\
 &:= 1^6 + 2^3 + 3^3 + 8^2 + 14^2 = 16 + 23 + 33 + 82 + 142 \\
 &:= 1^6 + 2^5 + 3^1 + 8^2 + 14^2 = 16 + 25 + 31 + 82 + 142 \\
 &:= 1^6 + 2^5 + 4^4 + 6^1 + 15^0 = 16 + 25 + 44 + 61 + 150 \\
 &:= 1^6 + 2^6 + 5^0 + 6^3 + 14^1 = 16 + 26 + 50 + 63 + 141 \\
 &:= 1^7 + 2^1 + 2^4 + 9^2 + 14^2 = 17 + 21 + 24 + 92 + 142 \\
 &:= 1^7 + 2^6 + 5^0 + 5^1 + 15^2 = 17 + 26 + 50 + 51 + 152 \\
 &:= 1^7 + 5^2 + 5^3 + 8^2 + 9^2 = 17 + 52 + 53 + 82 + 92 \\
 &:= 1^8 + 2^1 + 3^5 + 7^2 + 15^0 = 18 + 21 + 35 + 72 + 150 \\
 &:= 1^8 + 2^2 + 6^3 + 8^2 + 11^1 = 18 + 22 + 63 + 82 + 111 \\
 &:= 1^8 + 2^5 + 3^0 + 6^1 + 16^2 = 18 + 25 + 30 + 61 + 162 \\
 &:= 1^8 + 3^0 + 3^5 + 6^2 + 15^1 = 18 + 30 + 35 + 62 + 151 \\
 &:= 1^8 + 3^3 + 4^4 + 9^0 + 11^1 = 18 + 33 + 44 + 90 + 111 \\
 &:= 1^9 + 2^1 + 2^2 + 8^2 + 15^2 = 19 + 21 + 22 + 82 + 152 \\
 &:= 1^9 + 2^1 + 4^4 + 6^2 + 15^0 = 19 + 21 + 44 + 62 + 150 \\
 &:= 1^9 + 3^0 + 4^3 + 6^3 + 14^1 = 19 + 30 + 43 + 63 + 141 \\
 &:= 1^9 + 4^4 + 5^0 + 5^2 + 13^1 = 19 + 44 + 50 + 52 + 131 \\
 &:= 1^9 + 5^0 + 5^2 + 5^3 + 12^2 = 19 + 50 + 52 + 53 + 122
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 3^0 + 4^3 + 5^1 + 15^2 = 20 + 30 + 43 + 51 + 152 \\
 &:= 2^2 + 2^3 + 2^8 + 3^2 + 19^1 = 22 + 23 + 28 + 32 + 191 \\
 &:= 2^2 + 2^3 + 2^8 + 3^3 + 19^0 = 22 + 23 + 28 + 33 + 190 \\
 &:= 2^2 + 2^4 + 2^5 + 3^5 + 19^0 = 22 + 24 + 25 + 35 + 190 \\
 &:= 2^2 + 2^5 + 2^8 + 3^1 + 19^0 = 22 + 25 + 28 + 31 + 190 \\
 &:= 2^3 + 2^4 + 2^8 + 7^0 + 15^1 = 23 + 24 + 28 + 70 + 151 \\
 &:= 2^4 + 2^4 + 2^5 + 7^1 + 15^2 = 24 + 24 + 25 + 71 + 152 \\
 &:= 2^4 + 2^5 + 3^3 + 10^2 + 11^2 = 24 + 25 + 33 + 102 + 112 \\
 &:= 2^4 + 2^6 + 4^2 + 10^2 + 10^2 = 24 + 26 + 42 + 102 + 102 \\
 &:= 2^4 + 2^6 + 4^3 + 8^1 + 12^2 = 24 + 26 + 43 + 81 + 122 \\
 &:= 2^4 + 2^6 + 5^3 + 9^2 + 10^1 = 24 + 26 + 53 + 92 + 101 \\
 &:= 2^4 + 2^6 + 6^2 + 6^2 + 12^2 = 24 + 26 + 62 + 62 + 122 \\
 &:= 2^4 + 2^7 + 7^1 + 8^2 + 9^2 = 24 + 27 + 71 + 82 + 92 \\
 &:= 2^5 + 2^6 + 5^2 + 6^1 + 13^2 = 25 + 26 + 52 + 61 + 132 \\
 &:= 2^5 + 2^7 + 5^3 + 9^0 + 10^1 = 25 + 27 + 53 + 90 + 101 \\
 &:= 2^6 + 2^7 + 3^1 + 10^2 + 11^0 = 26 + 27 + 31 + 102 + 110 \\
 &:= 2^7 + 3^4 + 3^4 + 5^1 + 15^0 = 27 + 34 + 34 + 51 + 150
 \end{aligned}$$

2.2.198 Number 297

$$\begin{aligned}
 297 &:= 1^1 + 6^2 + 8^2 + 14^2 = 11 + 62 + 82 + 142 \\
 &:= 1^4 + 5^0 + 6^1 + 17^2 = 14 + 50 + 61 + 172 \\
 &:= 2^2 + 3^1 + 11^2 + 13^2 = 22 + 31 + 112 + 132 \\
 &:= 2^2 + 4^1 + 8^2 + 15^2 = 22 + 41 + 82 + 152 \\
 &:= 2^3 + 3^0 + 12^2 + 12^2 = 23 + 30 + 122 + 122 \\
 &:= 3^0 + 3^3 + 10^2 + 13^2 = 30 + 33 + 102 + 132 \\
 &:= 3^0 + 4^3 + 6^3 + 16^1 = 30 + 43 + 63 + 161 \\
 &:= 4^1 + 4^4 + 6^2 + 15^0 = 41 + 44 + 62 + 150 \\
 &:= 4^2 + 6^3 + 8^2 + 11^0 = 42 + 63 + 82 + 110 \\
 &:= 4^3 + 5^0 + 6^2 + 14^2 = 43 + 50 + 62 + 142 \\
 &:= 4^4 + 5^0 + 5^2 + 15^1 = 44 + 50 + 52 + 151 \\
 &:= 1^0 + 1^2 + 5^3 + 9^0 + 13^2 = 10 + 12 + 53 + 90 + 132 \\
 &:= 1^0 + 1^4 + 5^0 + 5^1 + 17^2 = 10 + 14 + 50 + 51 + 172 \\
 &:= 1^0 + 2^1 + 2^2 + 11^2 + 13^2 = 10 + 21 + 22 + 112 + 132 \\
 &:= 1^0 + 2^2 + 3^1 + 8^2 + 15^2 = 10 + 22 + 31 + 82 + 152 \\
 &:= 1^0 + 3^0 + 4^3 + 6^3 + 15^1 = 10 + 30 + 43 + 63 + 151 \\
 &:= 1^0 + 3^1 + 4^4 + 6^2 + 15^0 = 10 + 31 + 44 + 62 + 150
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 4^4 + 5^0 + 5^2 + 14^1 = 10 + 44 + 50 + 52 + 141 \\
 &:= 1^0 + 5^0 + 5^3 + 7^2 + 11^2 = 10 + 50 + 53 + 72 + 112 \\
 &:= 1^1 + 1^1 + 5^3 + 9^0 + 13^2 = 11 + 11 + 53 + 90 + 132 \\
 &:= 1^1 + 1^3 + 5^0 + 5^1 + 17^2 = 11 + 13 + 50 + 51 + 172 \\
 &:= 1^1 + 3^0 + 4^3 + 6^1 + 15^2 = 11 + 30 + 43 + 61 + 152 \\
 &:= 1^2 + 1^2 + 5^0 + 5^1 + 17^2 = 12 + 12 + 50 + 51 + 172 \\
 &:= 1^2 + 2^0 + 5^3 + 8^0 + 13^2 = 12 + 20 + 53 + 80 + 132 \\
 &:= 1^2 + 2^1 + 2^2 + 7^0 + 17^2 = 12 + 21 + 22 + 70 + 172 \\
 &:= 1^2 + 3^0 + 3^1 + 6^2 + 16^2 = 12 + 30 + 31 + 62 + 162 \\
 &:= 1^2 + 3^0 + 5^3 + 7^0 + 13^2 = 12 + 30 + 53 + 70 + 132 \\
 &:= 1^2 + 4^0 + 5^3 + 6^0 + 13^2 = 12 + 40 + 53 + 60 + 132 \\
 &:= 1^2 + 5^0 + 5^0 + 5^3 + 13^2 = 12 + 50 + 50 + 53 + 132 \\
 &:= 1^3 + 1^9 + 5^3 + 8^0 + 13^2 = 13 + 19 + 53 + 80 + 132 \\
 &:= 1^3 + 2^1 + 4^1 + 5^0 + 17^2 = 13 + 21 + 41 + 50 + 172 \\
 &:= 1^3 + 2^5 + 2^8 + 7^1 + 16^0 = 13 + 25 + 28 + 71 + 160 \\
 &:= 1^3 + 3^1 + 3^1 + 5^0 + 17^2 = 13 + 31 + 31 + 50 + 172 \\
 &:= 1^4 + 1^8 + 5^3 + 8^0 + 13^2 = 14 + 18 + 53 + 80 + 132
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^4 + 2^0 + 4^0 + 5^1 + 17^2 = 14 + 20 + 40 + 51 + 172 \\
 &:= 1^4 + 3^0 + 3^0 + 5^1 + 17^2 = 14 + 30 + 30 + 51 + 172 \\
 &:= 1^5 + 1^7 + 5^3 + 8^0 + 13^2 = 15 + 17 + 53 + 80 + 132 \\
 &:= 1^5 + 1^9 + 4^0 + 5^1 + 17^2 = 15 + 19 + 40 + 51 + 172 \\
 &:= 1^5 + 2^8 + 3^3 + 10^0 + 12^1 = 15 + 28 + 33 + 100 + 121 \\
 &:= 1^6 + 1^6 + 5^3 + 8^0 + 13^2 = 16 + 16 + 53 + 80 + 132 \\
 &:= 1^6 + 1^8 + 4^0 + 5^1 + 17^2 = 16 + 18 + 40 + 51 + 172 \\
 &:= 1^6 + 2^0 + 2^5 + 3^5 + 20^1 = 16 + 20 + 25 + 35 + 201 \\
 &:= 1^6 + 2^4 + 3^5 + 6^2 + 16^0 = 16 + 24 + 35 + 62 + 160 \\
 &:= 1^6 + 2^8 + 3^1 + 6^2 + 16^0 = 16 + 28 + 31 + 62 + 160 \\
 &:= 1^6 + 2^8 + 5^2 + 6^0 + 14^1 = 16 + 28 + 52 + 60 + 141 \\
 &:= 1^7 + 1^7 + 4^0 + 5^1 + 17^2 = 17 + 17 + 40 + 51 + 172 \\
 &:= 1^7 + 1^9 + 2^5 + 3^5 + 20^1 = 17 + 19 + 25 + 35 + 201 \\
 &:= 1^7 + 2^5 + 4^4 + 7^1 + 14^0 = 17 + 25 + 44 + 71 + 140 \\
 &:= 1^7 + 2^6 + 4^0 + 6^3 + 15^1 = 17 + 26 + 40 + 63 + 151 \\
 &:= 1^7 + 3^3 + 3^5 + 5^2 + 16^0 = 17 + 33 + 35 + 52 + 160 \\
 &:= 1^8 + 1^8 + 2^5 + 3^5 + 20^1 = 18 + 18 + 25 + 35 + 201 \\
 &:= 1^8 + 2^6 + 4^0 + 6^1 + 15^2 = 18 + 26 + 40 + 61 + 152 \\
 &:= 1^8 + 3^5 + 4^2 + 6^2 + 14^0 = 18 + 35 + 42 + 62 + 140 \\
 &:= 1^9 + 2^0 + 2^5 + 7^1 + 16^2 = 19 + 20 + 25 + 71 + 162 \\
 &:= 1^9 + 2^0 + 3^5 + 6^2 + 16^1 = 19 + 20 + 35 + 62 + 161 \\
 &:= 1^9 + 3^1 + 3^5 + 7^2 + 14^0 = 19 + 31 + 35 + 72 + 140 \\
 &:= 1^9 + 3^3 + 4^4 + 8^0 + 12^1 = 19 + 33 + 44 + 80 + 121
 \end{aligned}$$

$$\begin{aligned}
 &:= 2^0 + 2^0 + 4^3 + 6^3 + 15^1 = 20 + 20 + 43 + 63 + 151 \\
 &:= 2^0 + 3^1 + 4^4 + 6^2 + 14^0 = 20 + 31 + 44 + 62 + 140 \\
 &:= 2^0 + 4^0 + 4^4 + 5^2 + 14^1 = 20 + 40 + 44 + 52 + 141 \\
 &:= 2^0 + 4^0 + 5^3 + 7^2 + 11^2 = 20 + 40 + 53 + 72 + 112 \\
 &:= 2^1 + 3^0 + 4^3 + 5^1 + 15^2 = 21 + 30 + 43 + 51 + 152 \\
 &:= 2^2 + 2^2 + 2^5 + 2^8 + 20^0 = 22 + 22 + 25 + 28 + 200 \\
 &:= 2^2 + 2^6 + 2^7 + 10^2 + 12^0 = 22 + 26 + 27 + 102 + 120 \\
 &:= 2^3 + 2^4 + 2^8 + 4^2 + 18^0 = 23 + 24 + 28 + 42 + 180 \\
 &:= 2^4 + 2^4 + 2^8 + 8^1 + 14^0 = 24 + 24 + 28 + 81 + 140 \\
 &:= 2^4 + 2^5 + 2^5 + 6^3 + 16^0 = 24 + 25 + 25 + 63 + 160 \\
 &:= 2^4 + 2^7 + 3^3 + 5^3 + 16^0 = 24 + 27 + 33 + 53 + 160 \\
 &:= 2^7 + 2^7 + 4^0 + 5^2 + 15^1 = 27 + 27 + 40 + 52 + 151 \\
 &:= 2^7 + 2^7 + 4^1 + 6^2 + 14^0 = 27 + 27 + 41 + 62 + 140 \\
 &:= 3^0 + 3^0 + 4^4 + 5^2 + 14^1 = 30 + 30 + 44 + 52 + 141 \\
 &:= 3^0 + 3^0 + 5^3 + 7^2 + 11^2 = 30 + 30 + 53 + 72 + 112 \\
 &:= 3^0 + 3^1 + 4^1 + 4^3 + 15^2 = 30 + 31 + 41 + 43 + 152 \\
 &:= 3^0 + 3^1 + 4^4 + 6^2 + 13^0 = 30 + 31 + 44 + 62 + 130 \\
 &:= 3^1 + 4^0 + 4^4 + 6^2 + 12^0 = 31 + 40 + 44 + 62 + 120 \\
 &:= 3^1 + 4^4 + 5^0 + 6^2 + 11^0 = 31 + 44 + 50 + 62 + 110 \\
 &:= 3^1 + 4^4 + 6^0 + 6^2 + 10^0 = 31 + 44 + 60 + 62 + 100 \\
 &:= 3^1 + 4^4 + 6^2 + 7^0 + 9^0 = 31 + 44 + 62 + 70 + 90 \\
 &:= 3^1 + 4^4 + 6^2 + 8^0 + 8^0 = 31 + 44 + 62 + 80 + 80
 \end{aligned}$$

2.2.199 Number 298

$$\begin{aligned}
 298 &:= 1^4 + 4^0 + 10^2 + 14^2 = 14 + 40 + 102 + 142 \\
 &:= 1^5 + 4^0 + 7^1 + 17^2 = 15 + 40 + 71 + 172 \\
 &:= 1^7 + 2^5 + 3^5 + 22^1 = 17 + 25 + 35 + 221 \\
 &:= 2^0 + 2^5 + 9^1 + 16^2 = 20 + 25 + 91 + 162 \\
 &:= 2^0 + 3^5 + 6^2 + 18^1 = 20 + 35 + 62 + 181 \\
 &:= 2^3 + 4^3 + 8^0 + 15^2 = 23 + 43 + 80 + 152 \\
 &:= 2^4 + 5^2 + 6^0 + 16^2 = 24 + 52 + 60 + 162 \\
 &:= 3^3 + 4^4 + 8^0 + 14^1 = 33 + 44 + 80 + 141 \\
 &:= 3^5 + 5^1 + 7^2 + 14^0 = 35 + 51 + 72 + 140 \\
 &:= 4^2 + 4^4 + 5^2 + 16^0 = 42 + 44 + 52 + 160 \\
 &:= 4^3 + 4^3 + 8^0 + 13^2 = 43 + 43 + 80 + 132 \\
 &:= 1^0 + 1^5 + 4^0 + 6^1 + 17^2 = 10 + 15 + 40 + 61 + 172
 \end{aligned}$$

$$\begin{aligned}
 &:= 1^0 + 1^7 + 2^5 + 3^5 + 21^1 = 10 + 17 + 25 + 35 + 211 \\
 &:= 1^0 + 2^0 + 2^5 + 8^1 + 16^2 = 10 + 20 + 25 + 81 + 162 \\
 &:= 1^0 + 2^0 + 3^5 + 6^2 + 17^1 = 10 + 20 + 35 + 62 + 171 \\
 &:= 1^0 + 2^2 + 4^4 + 6^2 + 16^0 = 10 + 22 + 44 + 62 + 160 \\
 &:= 1^0 + 3^3 + 4^4 + 8^0 + 13^1 = 10 + 33 + 44 + 80 + 131 \\
 &:= 1^0 + 3^3 + 5^3 + 8^0 + 12^2 = 10 + 33 + 53 + 80 + 122 \\
 &:= 1^0 + 3^5 + 4^1 + 7^2 + 14^0 = 10 + 35 + 41 + 72 + 140 \\
 &:= 1^0 + 4^2 + 4^3 + 6^3 + 14^0 = 10 + 42 + 43 + 63 + 140 \\
 &:= 1^1 + 1^4 + 4^0 + 6^1 + 17^2 = 11 + 14 + 40 + 61 + 172 \\
 &:= 1^1 + 1^6 + 2^5 + 3^5 + 21^1 = 11 + 16 + 25 + 35 + 211 \\
 &:= 1^1 + 1^9 + 2^5 + 8^1 + 16^2 = 11 + 19 + 25 + 81 + 162 \\
 &:= 1^1 + 1^9 + 3^5 + 6^2 + 17^1 = 11 + 19 + 35 + 62 + 171
 \end{aligned}$$

$$\begin{aligned} &:= 1^1 + 2^0 + 2^3 + 12^2 + 12^2 = 11 + 20 + 23 + 122 + 122 \\ &:= 1^1 + 2^0 + 3^3 + 10^2 + 13^2 = 11 + 20 + 33 + 102 + 132 \\ &:= 1^1 + 2^0 + 4^3 + 6^3 + 16^1 = 11 + 20 + 43 + 63 + 161 \\ &:= 1^1 + 4^0 + 4^3 + 6^2 + 14^2 = 11 + 40 + 43 + 62 + 142 \\ &:= 1^1 + 4^0 + 4^4 + 5^2 + 15^1 = 11 + 40 + 44 + 52 + 151 \\ &:= 1^1 + 4^1 + 4^4 + 6^2 + 14^0 = 11 + 41 + 44 + 62 + 140 \\ &:= 1^1 + 4^2 + 6^3 + 8^2 + 10^0 = 11 + 42 + 63 + 82 + 100 \\ &:= 1^2 + 1^3 + 4^0 + 6^1 + 17^2 = 12 + 13 + 40 + 61 + 172 \\ &:= 1^2 + 1^5 + 2^5 + 3^5 + 21^1 = 12 + 15 + 25 + 35 + 211 \\ &:= 1^2 + 1^8 + 2^5 + 8^1 + 16^2 = 12 + 18 + 25 + 81 + 162 \\ &:= 1^2 + 1^8 + 3^5 + 6^2 + 17^1 = 12 + 18 + 35 + 62 + 171 \\ &:= 1^2 + 1^9 + 2^3 + 12^2 + 12^2 = 12 + 19 + 23 + 122 + 122 \\ &:= 1^2 + 1^9 + 3^3 + 10^2 + 13^2 = 12 + 19 + 33 + 102 + 132 \\ &:= 1^2 + 1^9 + 4^3 + 6^3 + 16^1 = 12 + 19 + 43 + 63 + 161 \\ &:= 1^2 + 2^0 + 4^3 + 7^1 + 15^2 = 12 + 20 + 43 + 71 + 152 \\ &:= 1^2 + 2^1 + 5^3 + 8^0 + 13^2 = 12 + 21 + 53 + 80 + 132 \\ &:= 1^2 + 2^2 + 4^0 + 6^2 + 16^2 = 12 + 22 + 40 + 62 + 162 \\ &:= 1^2 + 2^3 + 2^5 + 2^8 + 21^0 = 12 + 23 + 25 + 28 + 210 \\ &:= 1^3 + 1^4 + 2^5 + 3^5 + 21^1 = 13 + 14 + 25 + 35 + 211 \\ &:= 1^3 + 1^7 + 2^5 + 8^1 + 16^2 = 13 + 17 + 25 + 81 + 162 \\ &:= 1^3 + 1^7 + 3^5 + 6^2 + 17^1 = 13 + 17 + 35 + 62 + 171 \\ &:= 1^3 + 1^8 + 2^3 + 12^2 + 12^2 = 13 + 18 + 23 + 122 + 122 \\ &:= 1^3 + 1^8 + 3^3 + 10^2 + 13^2 = 13 + 18 + 33 + 102 + 132 \\ &:= 1^3 + 1^8 + 4^3 + 6^3 + 16^1 = 13 + 18 + 43 + 63 + 161 \\ &:= 1^3 + 1^9 + 4^3 + 7^1 + 15^2 = 13 + 19 + 43 + 71 + 152 \\ &:= 1^3 + 2^0 + 4^1 + 6^2 + 16^2 = 13 + 20 + 41 + 62 + 162 \\ &:= 1^3 + 2^2 + 2^4 + 2^8 + 21^1 = 13 + 22 + 24 + 28 + 211 \\ &:= 1^3 + 2^2 + 3^1 + 6^0 + 17^2 = 13 + 22 + 31 + 60 + 172 \\ &:= 1^4 + 1^6 + 2^5 + 8^1 + 16^2 = 14 + 16 + 25 + 81 + 162 \\ &:= 1^4 + 1^6 + 3^5 + 6^2 + 17^1 = 14 + 16 + 35 + 62 + 171 \\ &:= 1^4 + 1^7 + 2^3 + 12^2 + 12^2 = 14 + 17 + 23 + 122 + 122 \\ &:= 1^4 + 1^7 + 3^3 + 10^2 + 13^2 = 14 + 17 + 33 + 102 + 132 \\ &:= 1^4 + 1^7 + 4^3 + 6^3 + 16^1 = 14 + 17 + 43 + 63 + 161 \\ &:= 1^4 + 1^8 + 4^3 + 7^1 + 15^2 = 14 + 18 + 43 + 71 + 152 \\ &:= 1^4 + 1^9 + 4^1 + 6^2 + 16^2 = 14 + 19 + 41 + 62 + 162 \\ &:= 1^4 + 2^1 + 4^0 + 5^1 + 17^2 = 14 + 21 + 40 + 51 + 172 \\ &:= 1^4 + 2^5 + 2^5 + 6^3 + 17^1 = 14 + 25 + 25 + 63 + 171 \\ &:= 1^4 + 2^5 + 2^8 + 8^1 + 15^0 = 14 + 25 + 28 + 81 + 150 \end{aligned}$$

$$\begin{aligned} &:= 1^4 + 2^7 + 3^3 + 5^3 + 17^1 = 14 + 27 + 33 + 53 + 171 \\ &:= 1^4 + 3^1 + 4^0 + 4^1 + 17^2 = 14 + 31 + 40 + 41 + 172 \\ &:= 1^5 + 1^5 + 2^5 + 8^1 + 16^2 = 15 + 15 + 25 + 81 + 162 \\ &:= 1^5 + 1^5 + 3^5 + 6^2 + 17^1 = 15 + 15 + 35 + 62 + 171 \\ &:= 1^5 + 1^6 + 2^3 + 12^2 + 12^2 = 15 + 16 + 23 + 122 + 122 \\ &:= 1^5 + 1^6 + 3^3 + 10^2 + 13^2 = 15 + 16 + 33 + 102 + 132 \\ &:= 1^5 + 1^6 + 4^3 + 6^3 + 16^1 = 15 + 16 + 43 + 63 + 161 \\ &:= 1^5 + 1^7 + 4^3 + 7^1 + 15^2 = 15 + 17 + 43 + 71 + 152 \\ &:= 1^5 + 1^8 + 4^1 + 6^2 + 16^2 = 15 + 18 + 41 + 62 + 162 \\ &:= 1^5 + 2^0 + 3^0 + 6^1 + 17^2 = 15 + 20 + 30 + 61 + 172 \\ &:= 1^5 + 2^4 + 2^6 + 6^3 + 17^0 = 15 + 24 + 26 + 63 + 170 \\ &:= 1^5 + 2^5 + 2^5 + 8^1 + 15^2 = 15 + 25 + 25 + 81 + 152 \\ &:= 1^6 + 1^6 + 4^3 + 7^1 + 15^2 = 16 + 16 + 43 + 71 + 152 \\ &:= 1^6 + 1^7 + 4^1 + 6^2 + 16^2 = 16 + 17 + 41 + 62 + 162 \\ &:= 1^6 + 1^9 + 3^0 + 6^1 + 17^2 = 16 + 19 + 30 + 61 + 172 \\ &:= 1^6 + 2^1 + 2^5 + 3^5 + 20^1 = 16 + 21 + 25 + 35 + 201 \\ &:= 1^6 + 2^2 + 2^8 + 6^2 + 17^0 = 16 + 22 + 28 + 62 + 170 \\ &:= 1^6 + 2^3 + 2^5 + 4^4 + 19^0 = 16 + 23 + 25 + 44 + 190 \\ &:= 1^6 + 2^3 + 3^3 + 3^5 + 19^1 = 16 + 23 + 33 + 35 + 191 \\ &:= 1^6 + 2^4 + 2^4 + 11^2 + 12^2 = 16 + 24 + 24 + 112 + 122 \\ &:= 1^6 + 2^5 + 3^1 + 3^5 + 19^1 = 16 + 25 + 31 + 35 + 191 \\ &:= 1^6 + 2^5 + 3^5 + 10^1 + 12^1 = 16 + 25 + 35 + 101 + 121 \\ &:= 1^6 + 2^5 + 3^5 + 11^1 + 11^1 = 16 + 25 + 35 + 111 + 111 \\ &:= 1^6 + 2^5 + 3^5 + 4^1 + 18^1 = 16 + 25 + 35 + 41 + 181 \\ &:= 1^6 + 2^5 + 3^5 + 5^1 + 17^1 = 16 + 25 + 35 + 51 + 171 \\ &:= 1^6 + 2^5 + 3^5 + 6^1 + 16^1 = 16 + 25 + 35 + 61 + 161 \\ &:= 1^6 + 2^5 + 3^5 + 7^1 + 15^1 = 16 + 25 + 35 + 71 + 151 \\ &:= 1^6 + 2^5 + 3^5 + 8^1 + 14^1 = 16 + 25 + 35 + 81 + 141 \\ &:= 1^6 + 2^5 + 3^5 + 9^1 + 13^1 = 16 + 25 + 35 + 91 + 131 \\ &:= 1^6 + 2^5 + 5^3 + 5^3 + 15^1 = 16 + 25 + 53 + 53 + 151 \\ &:= 1^6 + 2^6 + 5^2 + 8^2 + 12^2 = 16 + 26 + 52 + 82 + 122 \\ &:= 1^6 + 2^7 + 4^2 + 9^1 + 12^2 = 16 + 27 + 42 + 91 + 122 \\ &:= 1^6 + 2^7 + 7^1 + 9^2 + 9^2 = 16 + 27 + 71 + 92 + 92 \\ &:= 1^6 + 2^8 + 3^3 + 9^0 + 13^1 = 16 + 28 + 33 + 90 + 131 \\ &:= 1^7 + 1^8 + 3^0 + 6^1 + 17^2 = 17 + 18 + 30 + 61 + 172 \\ &:= 1^7 + 2^5 + 6^2 + 6^3 + 13^1 = 17 + 25 + 62 + 63 + 131 \\ &:= 1^7 + 2^6 + 4^2 + 6^3 + 15^0 = 17 + 26 + 42 + 63 + 150 \\ &:= 1^7 + 2^8 + 4^1 + 6^2 + 15^0 = 17 + 28 + 41 + 62 + 150 \end{aligned}$$

$$\begin{aligned} &:= 1^7 + 2^8 + 5^0 + 5^2 + 15^1 = 17 + 28 + 50 + 52 + 151 \\ &:= 1^7 + 3^2 + 3^3 + 3^5 + 18^1 = 17 + 32 + 33 + 35 + 181 \\ &:= 1^8 + 2^2 + 2^4 + 9^2 + 14^2 = 18 + 22 + 24 + 92 + 142 \\ &:= 1^8 + 2^3 + 2^5 + 7^0 + 16^2 = 18 + 23 + 25 + 70 + 162 \\ &:= 1^8 + 2^3 + 4^2 + 4^4 + 17^1 = 18 + 23 + 42 + 44 + 171 \\ &:= 1^8 + 2^3 + 4^3 + 9^2 + 12^2 = 18 + 23 + 43 + 92 + 122 \\ &:= 1^8 + 2^4 + 4^3 + 6^3 + 15^0 = 18 + 24 + 43 + 63 + 150 \\ &:= 1^8 + 2^5 + 4^1 + 6^2 + 15^2 = 18 + 25 + 41 + 62 + 152 \\ &:= 1^8 + 2^5 + 4^4 + 8^1 + 13^0 = 18 + 25 + 44 + 81 + 130 \\ &:= 1^8 + 2^6 + 3^0 + 6^3 + 16^1 = 18 + 26 + 30 + 63 + 161 \\ &:= 1^8 + 2^6 + 5^0 + 6^2 + 14^2 = 18 + 26 + 50 + 62 + 142 \\ &:= 1^8 + 3^4 + 4^2 + 10^2 + 10^2 = 18 + 34 + 42 + 102 + 102 \\ &:= 1^8 + 3^4 + 4^3 + 8^1 + 12^2 = 18 + 34 + 43 + 81 + 122 \\ &:= 1^8 + 3^4 + 5^3 + 9^2 + 10^1 = 18 + 34 + 53 + 92 + 101 \\ &:= 1^8 + 3^4 + 6^2 + 6^2 + 12^2 = 18 + 34 + 62 + 62 + 122 \\ &:= 1^9 + 2^1 + 2^5 + 7^1 + 16^2 = 19 + 21 + 25 + 71 + 162 \\ &:= 1^9 + 2^1 + 3^5 + 6^2 + 16^1 = 19 + 21 + 35 + 62 + 161 \\ &:= 1^9 + 2^2 + 3^5 + 7^2 + 15^0 = 19 + 22 + 35 + 72 + 150 \\ &:= 1^9 + 2^3 + 3^3 + 6^1 + 16^2 = 19 + 23 + 33 + 61 + 162 \\ &:= 1^9 + 2^4 + 6^3 + 8^2 + 11^0 = 19 + 24 + 63 + 82 + 110 \\ &:= 1^9 + 2^5 + 3^1 + 6^1 + 16^2 = 19 + 25 + 31 + 61 + 162 \\ &:= 1^9 + 2^5 + 4^1 + 5^1 + 16^2 = 19 + 25 + 41 + 51 + 162 \\ &:= 1^9 + 2^6 + 3^0 + 7^1 + 15^2 = 19 + 26 + 30 + 71 + 152 \\ &:= 1^9 + 3^1 + 3^5 + 6^2 + 15^1 = 19 + 31 + 35 + 62 + 151 \\ &:= 1^9 + 3^2 + 3^3 + 6^2 + 15^2 = 19 + 32 + 33 + 62 + 152 \\ &:= 1^9 + 3^2 + 4^2 + 4^4 + 16^1 = 19 + 32 + 42 + 44 + 161 \\ &:= 1^9 + 3^5 + 4^1 + 6^2 + 14^1 = 19 + 35 + 41 + 62 + 141 \\ &:= 1^9 + 3^5 + 5^1 + 6^2 + 13^1 = 19 + 35 + 51 + 62 + 131 \\ &:= 1^9 + 3^5 + 6^1 + 6^2 + 12^1 = 19 + 35 + 61 + 62 + 121 \\ &:= 1^9 + 3^5 + 6^2 + 7^1 + 11^1 = 19 + 35 + 62 + 71 + 111 \\ &:= 1^9 + 3^5 + 6^2 + 8^1 + 10^1 = 19 + 35 + 62 + 81 + 101 \\ &:= 1^9 + 3^5 + 6^2 + 9^1 + 9^1 = 19 + 35 + 62 + 91 + 91 \\ &:= 1^9 + 4^3 + 5^3 + 8^1 + 10^2 = 19 + 43 + 53 + 81 + 102 \\ &:= 1^9 + 5^3 + 5^3 + 6^2 + 11^1 = 19 + 53 + 53 + 62 + 111 \\ &:= 1^9 + 5^3 + 6^2 + 6^2 + 10^2 = 19 + 53 + 62 + 62 + 102 \\ &:= 2^0 + 2^1 + 4^3 + 6^3 + 15^1 = 20 + 21 + 43 + 63 + 151 \\ &:= 2^0 + 2^2 + 2^2 + 8^2 + 15^2 = 20 + 22 + 22 + 82 + 152 \\ &:= 2^0 + 2^2 + 4^4 + 6^2 + 15^0 = 20 + 22 + 44 + 62 + 150 \end{aligned}$$

$$\begin{aligned} &:= 2^0 + 3^1 + 4^3 + 6^3 + 14^1 = 20 + 31 + 43 + 63 + 141 \\ &:= 2^0 + 3^2 + 3^3 + 5^1 + 16^2 = 20 + 32 + 33 + 51 + 162 \\ &:= 2^0 + 3^2 + 4^2 + 4^2 + 16^2 = 20 + 32 + 42 + 42 + 162 \\ &:= 2^0 + 3^3 + 4^4 + 7^0 + 13^1 = 20 + 33 + 44 + 70 + 131 \\ &:= 2^0 + 3^3 + 5^3 + 7^0 + 12^2 = 20 + 33 + 53 + 70 + 122 \\ &:= 2^0 + 3^5 + 4^1 + 7^2 + 13^0 = 20 + 35 + 41 + 72 + 130 \\ &:= 2^0 + 4^1 + 4^3 + 6^3 + 13^1 = 20 + 41 + 43 + 63 + 131 \\ &:= 2^0 + 4^2 + 4^3 + 6^3 + 13^0 = 20 + 42 + 43 + 63 + 130 \\ &:= 2^0 + 4^3 + 5^1 + 6^3 + 12^1 = 20 + 43 + 51 + 63 + 121 \\ &:= 2^0 + 4^3 + 6^1 + 6^3 + 11^1 = 20 + 43 + 61 + 63 + 111 \\ &:= 2^0 + 4^3 + 6^3 + 7^1 + 10^1 = 20 + 43 + 63 + 71 + 101 \\ &:= 2^0 + 4^3 + 6^3 + 8^1 + 9^1 = 20 + 43 + 63 + 81 + 91 \\ &:= 2^0 + 6^2 + 6^2 + 6^3 + 9^1 = 20 + 62 + 62 + 63 + 91 \\ &:= 2^1 + 3^1 + 4^4 + 6^2 + 14^0 = 21 + 31 + 44 + 62 + 140 \\ &:= 2^1 + 4^0 + 4^4 + 5^2 + 14^1 = 21 + 40 + 44 + 52 + 141 \\ &:= 2^1 + 4^0 + 5^3 + 7^2 + 11^2 = 21 + 40 + 53 + 72 + 112 \\ &:= 2^2 + 3^0 + 4^4 + 6^2 + 14^0 = 22 + 30 + 44 + 62 + 140 \\ &:= 2^2 + 4^0 + 4^1 + 4^3 + 15^2 = 22 + 40 + 41 + 43 + 152 \\ &:= 2^2 + 4^0 + 4^4 + 6^2 + 13^0 = 22 + 40 + 44 + 62 + 130 \\ &:= 2^2 + 4^4 + 5^0 + 6^2 + 12^0 = 22 + 44 + 50 + 62 + 120 \\ &:= 2^2 + 4^4 + 6^0 + 6^2 + 11^0 = 22 + 44 + 60 + 62 + 110 \\ &:= 2^2 + 4^4 + 6^2 + 7^0 + 10^0 = 22 + 44 + 62 + 70 + 100 \\ &:= 2^2 + 4^4 + 6^2 + 8^0 + 9^0 = 22 + 44 + 62 + 80 + 90 \\ &:= 2^3 + 2^7 + 3^4 + 4^3 + 17^1 = 23 + 27 + 34 + 43 + 171 \\ &:= 2^4 + 2^4 + 2^8 + 3^2 + 19^0 = 24 + 24 + 28 + 32 + 190 \\ &:= 2^4 + 2^5 + 2^7 + 11^0 + 11^2 = 24 + 25 + 27 + 110 + 112 \\ &:= 2^5 + 2^5 + 2^6 + 9^0 + 13^2 = 25 + 25 + 26 + 90 + 132 \\ &:= 2^5 + 2^7 + 3^3 + 10^2 + 11^1 = 25 + 27 + 33 + 102 + 111 \\ &:= 2^7 + 2^7 + 3^3 + 7^0 + 14^1 = 27 + 27 + 33 + 70 + 141 \\ &:= 2^7 + 2^7 + 4^2 + 5^2 + 15^0 = 27 + 27 + 42 + 52 + 150 \\ &:= 3^0 + 3^3 + 4^4 + 6^0 + 13^1 = 30 + 33 + 44 + 60 + 131 \\ &:= 3^0 + 3^3 + 5^3 + 6^0 + 12^2 = 30 + 33 + 53 + 60 + 122 \\ &:= 3^0 + 3^5 + 4^1 + 7^2 + 12^0 = 30 + 35 + 41 + 72 + 120 \\ &:= 3^0 + 4^2 + 4^3 + 6^3 + 12^0 = 30 + 42 + 43 + 63 + 120 \\ &:= 3^1 + 4^0 + 4^4 + 5^2 + 13^1 = 31 + 40 + 44 + 52 + 131 \\ &:= 3^1 + 4^0 + 5^2 + 5^3 + 12^2 = 31 + 40 + 52 + 53 + 122 \\ &:= 3^2 + 4^0 + 6^3 + 8^1 + 8^2 = 32 + 40 + 63 + 81 + 82 \\ &:= 3^3 + 4^0 + 4^4 + 5^0 + 13^1 = 33 + 40 + 44 + 50 + 131 \end{aligned}$$

$$\begin{aligned}
 &:= 3^3 + 4^0 + 5^0 + 5^3 + 12^2 = 33 + 40 + 50 + 53 + 122 \\
 &:= 3^5 + 4^0 + 4^1 + 7^2 + 11^0 = 35 + 40 + 41 + 72 + 110 \\
 &:= 3^5 + 4^1 + 5^0 + 7^2 + 10^0 = 35 + 41 + 50 + 72 + 100 \\
 &:= 3^5 + 4^1 + 6^0 + 7^2 + 9^0 = 35 + 41 + 60 + 72 + 90 \\
 &:= 3^5 + 4^1 + 7^0 + 7^2 + 8^0 = 35 + 41 + 70 + 72 + 80 \\
 &:= 4^0 + 4^1 + 4^4 + 5^2 + 12^1 = 40 + 41 + 44 + 52 + 121 \\
 &:= 4^0 + 4^2 + 4^3 + 6^3 + 11^0 = 40 + 42 + 43 + 63 + 110 \\
 &:= 4^0 + 4^4 + 5^1 + 5^2 + 11^1 = 40 + 44 + 51 + 52 + 111
 \end{aligned}$$

$$\begin{aligned}
 &:= 4^0 + 4^4 + 5^2 + 6^1 + 10^1 = 40 + 44 + 52 + 61 + 101 \\
 &:= 4^0 + 4^4 + 5^2 + 7^1 + 9^1 = 40 + 44 + 52 + 71 + 91 \\
 &:= 4^0 + 4^4 + 5^2 + 8^1 + 8^1 = 40 + 44 + 52 + 81 + 81 \\
 &:= 4^0 + 5^2 + 6^3 + 7^1 + 7^2 = 40 + 52 + 63 + 71 + 72 \\
 &:= 4^2 + 4^3 + 5^0 + 6^3 + 10^0 = 42 + 43 + 50 + 63 + 100 \\
 &:= 4^2 + 4^3 + 6^0 + 6^3 + 9^0 = 42 + 43 + 60 + 63 + 90 \\
 &:= 4^2 + 4^3 + 6^3 + 7^0 + 8^0 = 42 + 43 + 63 + 70 + 80
 \end{aligned}$$

2.2.200 Number 299

$$\begin{aligned}
 299 &:= 1^0 + 2^7 + 13^0 + 13^2 = 10 + 27 + 130 + 132 \\
 &:= 1^1 + 2^5 + 10^1 + 16^2 = 11 + 25 + 101 + 162 \\
 &:= 1^1 + 3^5 + 6^2 + 19^1 = 11 + 35 + 62 + 191 \\
 &:= 1^2 + 3^4 + 6^3 + 19^0 = 12 + 34 + 63 + 190 \\
 &:= 1^2 + 4^3 + 6^3 + 18^1 = 12 + 43 + 63 + 181 \\
 &:= 1^3 + 4^3 + 9^1 + 15^2 = 13 + 43 + 91 + 152 \\
 &:= 1^4 + 2^3 + 9^0 + 17^2 = 14 + 23 + 90 + 172 \\
 &:= 1^4 + 6^1 + 6^2 + 16^2 = 14 + 61 + 62 + 162 \\
 &:= 1^4 + 6^3 + 9^2 + 13^0 = 14 + 63 + 92 + 130 \\
 &:= 1^6 + 3^0 + 8^1 + 17^2 = 16 + 30 + 81 + 172 \\
 &:= 2^0 + 2^7 + 12^0 + 13^2 = 20 + 27 + 120 + 132 \\
 &:= 2^1 + 2^5 + 9^1 + 16^2 = 21 + 25 + 91 + 162 \\
 &:= 2^1 + 3^5 + 6^2 + 18^1 = 21 + 35 + 62 + 181 \\
 &:= 2^3 + 3^3 + 8^1 + 16^2 = 23 + 33 + 81 + 162 \\
 &:= 2^5 + 3^1 + 8^1 + 16^2 = 25 + 31 + 81 + 162 \\
 &:= 2^5 + 4^1 + 7^1 + 16^2 = 25 + 41 + 71 + 162 \\
 &:= 2^5 + 5^1 + 6^1 + 16^2 = 25 + 51 + 61 + 162 \\
 &:= 2^6 + 3^0 + 9^1 + 15^2 = 26 + 30 + 91 + 152 \\
 &:= 2^7 + 3^0 + 11^0 + 13^2 = 27 + 30 + 110 + 132 \\
 &:= 2^7 + 4^0 + 10^0 + 13^2 = 27 + 40 + 100 + 132 \\
 &:= 2^7 + 5^0 + 9^0 + 13^2 = 27 + 50 + 90 + 132 \\
 &:= 2^7 + 6^0 + 8^0 + 13^2 = 27 + 60 + 80 + 132 \\
 &:= 2^7 + 7^0 + 7^0 + 13^2 = 27 + 70 + 70 + 132 \\
 &:= 3^1 + 3^5 + 6^2 + 17^1 = 31 + 35 + 62 + 171 \\
 &:= 3^2 + 4^2 + 4^4 + 18^1 = 32 + 42 + 44 + 181 \\
 &:= 3^5 + 4^1 + 6^2 + 16^1 = 35 + 41 + 62 + 161 \\
 &:= 3^5 + 5^1 + 6^2 + 15^1 = 35 + 51 + 62 + 151
 \end{aligned}$$

$$\begin{aligned}
 &:= 3^5 + 6^1 + 6^2 + 14^1 = 35 + 61 + 62 + 141 \\
 &:= 3^5 + 6^2 + 10^1 + 10^1 = 35 + 62 + 101 + 101 \\
 &:= 3^5 + 6^2 + 7^1 + 13^1 = 35 + 62 + 71 + 131 \\
 &:= 3^5 + 6^2 + 8^1 + 12^1 = 35 + 62 + 81 + 121 \\
 &:= 3^5 + 6^2 + 9^1 + 11^1 = 35 + 62 + 91 + 111 \\
 &:= 4^3 + 5^3 + 10^1 + 10^2 = 43 + 53 + 101 + 102 \\
 &:= 5^3 + 5^3 + 6^2 + 13^1 = 53 + 53 + 62 + 131 \\
 &:= 1^0 + 1^1 + 2^5 + 9^1 + 16^2 = 10 + 11 + 25 + 91 + 162 \\
 &:= 1^0 + 1^1 + 3^5 + 6^2 + 18^1 = 10 + 11 + 35 + 62 + 181 \\
 &:= 1^0 + 1^2 + 4^3 + 6^3 + 17^1 = 10 + 12 + 43 + 63 + 171 \\
 &:= 1^0 + 1^3 + 3^2 + 12^2 + 12^2 = 10 + 13 + 32 + 122 + 122 \\
 &:= 1^0 + 1^3 + 4^3 + 8^1 + 15^2 = 10 + 13 + 43 + 81 + 152 \\
 &:= 1^0 + 1^3 + 6^2 + 6^2 + 15^2 = 10 + 13 + 62 + 62 + 152 \\
 &:= 1^0 + 1^4 + 5^1 + 6^2 + 16^2 = 10 + 14 + 51 + 62 + 162 \\
 &:= 1^0 + 1^5 + 3^0 + 10^2 + 14^2 = 10 + 15 + 30 + 102 + 142 \\
 &:= 1^0 + 1^6 + 3^0 + 7^1 + 17^2 = 10 + 16 + 30 + 71 + 172 \\
 &:= 1^0 + 2^1 + 2^5 + 8^1 + 16^2 = 10 + 21 + 25 + 81 + 162 \\
 &:= 1^0 + 2^1 + 3^5 + 6^2 + 17^1 = 10 + 21 + 35 + 62 + 171 \\
 &:= 1^0 + 2^3 + 3^3 + 7^1 + 16^2 = 10 + 23 + 33 + 71 + 162 \\
 &:= 1^0 + 2^3 + 4^2 + 7^2 + 15^2 = 10 + 23 + 42 + 72 + 152 \\
 &:= 1^0 + 2^5 + 3^0 + 11^2 + 12^2 = 10 + 25 + 30 + 112 + 122 \\
 &:= 1^0 + 2^5 + 3^1 + 7^1 + 16^2 = 10 + 25 + 31 + 71 + 162 \\
 &:= 1^0 + 2^5 + 3^2 + 7^0 + 16^2 = 10 + 25 + 32 + 70 + 162 \\
 &:= 1^0 + 2^5 + 4^1 + 6^1 + 16^2 = 10 + 25 + 41 + 61 + 162 \\
 &:= 1^0 + 2^5 + 5^1 + 5^1 + 16^2 = 10 + 25 + 51 + 51 + 162 \\
 &:= 1^0 + 2^6 + 3^0 + 8^1 + 15^2 = 10 + 26 + 30 + 81 + 152 \\
 &:= 1^0 + 3^1 + 3^5 + 6^2 + 16^1 = 10 + 31 + 35 + 62 + 161
 \end{aligned}$$

$$\begin{aligned} &:= 1^0 + 3^2 + 4^2 + 4^4 + 17^1 = 10 + 32 + 42 + 44 + 171 \\ &:= 1^0 + 3^2 + 4^3 + 9^2 + 12^2 = 10 + 32 + 43 + 92 + 122 \\ &:= 1^0 + 3^5 + 4^1 + 6^2 + 15^1 = 10 + 35 + 41 + 62 + 151 \\ &:= 1^0 + 3^5 + 5^1 + 6^2 + 14^1 = 10 + 35 + 51 + 62 + 141 \\ &:= 1^0 + 3^5 + 6^1 + 6^2 + 13^1 = 10 + 35 + 61 + 62 + 131 \\ &:= 1^0 + 3^5 + 6^2 + 7^1 + 12^1 = 10 + 35 + 62 + 71 + 121 \\ &:= 1^0 + 3^5 + 6^2 + 8^1 + 11^1 = 10 + 35 + 62 + 81 + 111 \\ &:= 1^0 + 3^5 + 6^2 + 9^1 + 10^1 = 10 + 35 + 62 + 91 + 101 \\ &:= 1^0 + 4^2 + 4^3 + 7^2 + 13^2 = 10 + 42 + 43 + 72 + 132 \\ &:= 1^0 + 4^3 + 5^3 + 9^1 + 10^2 = 10 + 43 + 53 + 91 + 102 \\ &:= 1^0 + 5^3 + 5^3 + 6^2 + 12^1 = 10 + 53 + 53 + 62 + 121 \\ &:= 1^1 + 1^1 + 4^3 + 6^3 + 17^1 = 11 + 11 + 43 + 63 + 171 \\ &:= 1^1 + 1^2 + 3^2 + 12^2 + 12^2 = 11 + 12 + 32 + 122 + 122 \\ &:= 1^1 + 1^2 + 4^3 + 8^1 + 15^2 = 11 + 12 + 43 + 81 + 152 \\ &:= 1^1 + 1^2 + 6^2 + 6^2 + 15^2 = 11 + 12 + 62 + 62 + 152 \\ &:= 1^1 + 1^3 + 5^1 + 6^2 + 16^2 = 11 + 13 + 51 + 62 + 162 \\ &:= 1^1 + 1^4 + 3^0 + 10^2 + 14^2 = 11 + 14 + 30 + 102 + 142 \\ &:= 1^1 + 1^5 + 3^0 + 7^1 + 17^2 = 11 + 15 + 30 + 71 + 172 \\ &:= 1^1 + 2^1 + 2^3 + 12^2 + 12^2 = 11 + 21 + 23 + 122 + 122 \\ &:= 1^1 + 2^1 + 3^3 + 10^2 + 13^2 = 11 + 21 + 33 + 102 + 132 \\ &:= 1^1 + 2^1 + 4^3 + 6^3 + 16^1 = 11 + 21 + 43 + 63 + 161 \\ &:= 1^1 + 2^2 + 2^2 + 11^2 + 13^2 = 11 + 22 + 22 + 112 + 132 \\ &:= 1^1 + 2^3 + 4^3 + 7^0 + 15^2 = 11 + 23 + 43 + 70 + 152 \\ &:= 1^1 + 2^4 + 5^0 + 5^2 + 16^2 = 11 + 24 + 50 + 52 + 162 \\ &:= 1^1 + 3^1 + 4^3 + 6^3 + 15^1 = 11 + 31 + 43 + 63 + 151 \\ &:= 1^1 + 3^2 + 3^3 + 6^1 + 16^2 = 11 + 32 + 33 + 61 + 162 \\ &:= 1^1 + 3^3 + 4^4 + 7^0 + 14^1 = 11 + 33 + 44 + 70 + 141 \\ &:= 1^1 + 3^5 + 5^1 + 7^2 + 13^0 = 11 + 35 + 51 + 72 + 130 \\ &:= 1^1 + 4^1 + 4^3 + 6^3 + 14^1 = 11 + 41 + 43 + 63 + 141 \\ &:= 1^1 + 4^2 + 4^4 + 5^2 + 15^0 = 11 + 42 + 44 + 52 + 150 \\ &:= 1^1 + 4^3 + 4^3 + 7^0 + 13^2 = 11 + 43 + 43 + 70 + 132 \\ &:= 1^1 + 4^3 + 5^1 + 6^3 + 13^1 = 11 + 43 + 51 + 63 + 131 \\ &:= 1^1 + 4^3 + 6^1 + 6^3 + 12^1 = 11 + 43 + 61 + 63 + 121 \\ &:= 1^1 + 4^3 + 6^3 + 7^1 + 11^1 = 11 + 43 + 63 + 71 + 111 \\ &:= 1^1 + 4^3 + 6^3 + 8^1 + 10^1 = 11 + 43 + 63 + 81 + 101 \\ &:= 1^1 + 4^3 + 6^3 + 9^1 + 9^1 = 11 + 43 + 63 + 91 + 91 \\ &:= 1^1 + 6^2 + 6^2 + 6^3 + 10^1 = 11 + 62 + 62 + 63 + 101 \\ &:= 1^2 + 1^2 + 5^1 + 6^2 + 16^2 = 12 + 12 + 51 + 62 + 162 \end{aligned}$$

$$\begin{aligned} &:= 1^2 + 1^3 + 3^0 + 10^2 + 14^2 = 12 + 13 + 30 + 102 + 142 \\ &:= 1^2 + 1^4 + 3^0 + 7^1 + 17^2 = 12 + 14 + 30 + 71 + 172 \\ &:= 1^2 + 2^1 + 4^3 + 7^1 + 15^2 = 12 + 21 + 43 + 71 + 152 \\ &:= 1^2 + 2^3 + 3^0 + 8^2 + 15^2 = 12 + 23 + 30 + 82 + 152 \\ &:= 1^2 + 3^0 + 4^3 + 8^2 + 13^2 = 12 + 30 + 43 + 82 + 132 \\ &:= 1^2 + 3^0 + 4^4 + 5^2 + 16^1 = 12 + 30 + 44 + 52 + 161 \\ &:= 1^2 + 3^1 + 4^3 + 6^1 + 15^2 = 12 + 31 + 43 + 61 + 152 \\ &:= 1^2 + 4^1 + 4^3 + 5^1 + 15^2 = 12 + 41 + 43 + 51 + 152 \\ &:= 1^2 + 4^4 + 5^1 + 6^2 + 13^0 = 12 + 44 + 51 + 62 + 130 \\ &:= 1^3 + 1^3 + 3^0 + 7^1 + 17^2 = 13 + 13 + 30 + 71 + 172 \\ &:= 1^3 + 2^1 + 4^1 + 6^2 + 16^2 = 13 + 21 + 41 + 62 + 162 \\ &:= 1^3 + 2^2 + 2^2 + 7^0 + 17^2 = 13 + 22 + 22 + 70 + 172 \\ &:= 1^3 + 3^0 + 4^2 + 5^2 + 16^2 = 13 + 30 + 42 + 52 + 162 \\ &:= 1^3 + 3^1 + 3^1 + 6^2 + 16^2 = 13 + 31 + 31 + 62 + 162 \\ &:= 1^3 + 3^1 + 5^3 + 7^0 + 13^2 = 13 + 31 + 53 + 70 + 132 \\ &:= 1^4 + 2^2 + 4^1 + 5^0 + 17^2 = 14 + 22 + 41 + 50 + 172 \\ &:= 1^4 + 2^5 + 2^8 + 3^2 + 20^0 = 14 + 25 + 28 + 32 + 200 \\ &:= 1^5 + 2^0 + 2^0 + 10^2 + 14^2 = 15 + 20 + 20 + 102 + 142 \\ &:= 1^5 + 2^1 + 3^0 + 6^1 + 17^2 = 15 + 21 + 30 + 61 + 172 \\ &:= 1^5 + 2^4 + 2^8 + 5^2 + 18^0 = 15 + 24 + 28 + 52 + 180 \\ &:= 1^5 + 2^5 + 2^8 + 9^1 + 14^0 = 15 + 25 + 28 + 91 + 140 \\ &:= 1^5 + 2^6 + 2^6 + 10^0 + 13^2 = 15 + 26 + 26 + 100 + 132 \\ &:= 1^5 + 3^0 + 3^1 + 5^1 + 17^2 = 15 + 30 + 31 + 51 + 172 \\ &:= 1^5 + 3^0 + 4^1 + 4^1 + 17^2 = 15 + 30 + 41 + 41 + 172 \\ &:= 1^6 + 1^9 + 2^0 + 10^2 + 14^2 = 16 + 19 + 20 + 102 + 142 \\ &:= 1^6 + 2^0 + 2^0 + 7^1 + 17^2 = 16 + 20 + 20 + 71 + 172 \\ &:= 1^7 + 1^8 + 2^0 + 10^2 + 14^2 = 17 + 18 + 20 + 102 + 142 \\ &:= 1^7 + 1^9 + 1^9 + 10^2 + 14^2 = 17 + 19 + 19 + 102 + 142 \\ &:= 1^7 + 1^9 + 2^0 + 7^1 + 17^2 = 17 + 19 + 20 + 71 + 172 \\ &:= 1^7 + 2^8 + 3^3 + 8^0 + 14^1 = 17 + 28 + 33 + 80 + 141 \\ &:= 1^7 + 2^8 + 4^2 + 5^2 + 16^0 = 17 + 28 + 42 + 52 + 160 \\ &:= 1^8 + 1^8 + 1^9 + 10^2 + 14^2 = 18 + 18 + 19 + 102 + 142 \\ &:= 1^8 + 1^8 + 2^0 + 7^1 + 17^2 = 18 + 18 + 20 + 71 + 172 \\ &:= 1^8 + 1^9 + 1^9 + 7^1 + 17^2 = 18 + 19 + 19 + 71 + 172 \\ &:= 1^8 + 2^3 + 2^6 + 8^0 + 15^2 = 18 + 23 + 26 + 80 + 152 \\ &:= 1^8 + 2^5 + 3^2 + 4^4 + 18^0 = 18 + 25 + 32 + 44 + 180 \\ &:= 1^8 + 2^6 + 4^3 + 8^0 + 13^2 = 18 + 26 + 43 + 80 + 132 \\ &:= 1^8 + 2^7 + 5^2 + 8^0 + 12^2 = 18 + 27 + 52 + 80 + 122 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 2^8 + 4^0 + 5^2 + 16^1 = 18 + 28 + 40 + 52 + 161 \\ &:= 1^8 + 2^8 + 5^1 + 6^2 + 14^0 = 18 + 28 + 51 + 62 + 140 \\ &:= 1^8 + 3^3 + 3^3 + 3^5 + 18^0 = 18 + 33 + 33 + 35 + 180 \\ &:= 1^9 + 2^0 + 2^6 + 6^3 + 17^1 = 19 + 20 + 26 + 63 + 171 \\ &:= 1^9 + 2^4 + 4^4 + 5^2 + 16^0 = 19 + 24 + 44 + 52 + 160 \\ &:= 1^9 + 2^5 + 4^4 + 9^1 + 12^0 = 19 + 25 + 44 + 91 + 120 \\ &:= 1^9 + 2^5 + 6^3 + 7^2 + 12^0 = 19 + 25 + 63 + 72 + 120 \\ &:= 1^9 + 2^6 + 4^0 + 8^2 + 13^2 = 19 + 26 + 40 + 82 + 132 \\ &:= 2^0 + 2^0 + 2^5 + 11^2 + 12^2 = 20 + 20 + 25 + 112 + 122 \\ &:= 2^0 + 2^0 + 2^6 + 8^1 + 15^2 = 20 + 20 + 26 + 81 + 152 \\ &:= 2^0 + 2^5 + 3^2 + 6^0 + 16^2 = 20 + 25 + 32 + 60 + 162 \\ &:= 2^1 + 2^1 + 4^3 + 6^3 + 15^1 = 21 + 21 + 43 + 63 + 151 \\ &:= 2^1 + 2^2 + 2^2 + 8^2 + 15^2 = 21 + 22 + 22 + 82 + 152 \\ &:= 2^1 + 2^2 + 4^4 + 6^2 + 15^0 = 21 + 22 + 44 + 62 + 150 \\ &:= 2^1 + 3^1 + 4^3 + 6^3 + 14^1 = 21 + 31 + 43 + 63 + 141 \\ &:= 2^1 + 3^2 + 3^3 + 5^1 + 16^2 = 21 + 32 + 33 + 51 + 162 \\ &:= 2^1 + 3^2 + 4^2 + 4^2 + 16^2 = 21 + 32 + 42 + 42 + 162 \\ &:= 2^1 + 3^3 + 4^4 + 7^0 + 13^1 = 21 + 33 + 44 + 70 + 131 \\ &:= 2^1 + 3^3 + 5^3 + 7^0 + 12^2 = 21 + 33 + 53 + 70 + 122 \\ &:= 2^1 + 3^5 + 4^1 + 7^2 + 13^0 = 21 + 35 + 41 + 72 + 130 \\ &:= 2^1 + 4^1 + 4^3 + 6^3 + 13^1 = 21 + 41 + 43 + 63 + 131 \\ &:= 2^1 + 4^2 + 4^3 + 6^3 + 13^0 = 21 + 42 + 43 + 63 + 130 \\ &:= 2^1 + 4^3 + 5^1 + 6^3 + 12^1 = 21 + 43 + 51 + 63 + 121 \\ &:= 2^1 + 4^3 + 6^1 + 6^3 + 11^1 = 21 + 43 + 61 + 63 + 111 \\ &:= 2^1 + 4^3 + 6^3 + 7^1 + 10^1 = 21 + 43 + 63 + 71 + 101 \\ &:= 2^1 + 4^3 + 6^3 + 8^1 + 9^1 = 21 + 43 + 63 + 81 + 91 \\ &:= 2^1 + 6^2 + 6^2 + 6^3 + 9^1 = 21 + 62 + 62 + 63 + 91 \\ &:= 2^2 + 3^0 + 4^3 + 6^3 + 14^1 = 22 + 30 + 43 + 63 + 141 \\ &:= 2^2 + 4^4 + 5^0 + 5^2 + 13^1 = 22 + 44 + 50 + 52 + 131 \\ &:= 2^2 + 5^0 + 5^2 + 5^3 + 12^2 = 22 + 50 + 52 + 53 + 122 \\ &:= 2^3 + 3^0 + 3^2 + 5^2 + 16^2 = 23 + 30 + 32 + 52 + 162 \\ &:= 2^3 + 3^0 + 6^3 + 8^2 + 10^1 = 23 + 30 + 63 + 82 + 101 \\ &:= 2^5 + 3^0 + 3^2 + 5^0 + 16^2 = 25 + 30 + 32 + 50 + 162 \\ &:= 2^5 + 3^2 + 4^0 + 4^0 + 16^2 = 25 + 32 + 40 + 40 + 162 \end{aligned}$$

$$\begin{aligned} &:= 2^6 + 2^7 + 3^4 + 5^2 + 16^0 = 26 + 27 + 34 + 52 + 160 \\ &:= 3^0 + 3^2 + 5^3 + 8^2 + 10^2 = 30 + 32 + 53 + 82 + 102 \\ &:= 3^0 + 3^4 + 4^2 + 5^1 + 14^2 = 30 + 34 + 42 + 51 + 142 \\ &:= 3^0 + 4^2 + 5^3 + 6^2 + 11^2 = 30 + 42 + 53 + 62 + 112 \\ &:= 3^1 + 3^1 + 3^5 + 7^2 + 13^0 = 31 + 31 + 35 + 72 + 130 \\ &:= 3^1 + 3^1 + 4^3 + 6^3 + 13^1 = 31 + 31 + 43 + 63 + 131 \\ &:= 3^1 + 3^2 + 3^3 + 4^1 + 16^2 = 31 + 32 + 33 + 41 + 162 \\ &:= 3^1 + 3^3 + 4^4 + 7^0 + 12^1 = 31 + 33 + 44 + 70 + 121 \\ &:= 3^1 + 4^1 + 4^3 + 6^3 + 12^1 = 31 + 41 + 43 + 63 + 121 \\ &:= 3^1 + 4^3 + 5^1 + 6^3 + 11^1 = 31 + 43 + 51 + 63 + 111 \\ &:= 3^1 + 4^3 + 6^1 + 6^3 + 10^1 = 31 + 43 + 61 + 63 + 101 \\ &:= 3^1 + 4^3 + 6^3 + 7^1 + 9^1 = 31 + 43 + 63 + 71 + 91 \\ &:= 3^1 + 4^3 + 6^3 + 8^1 + 8^1 = 31 + 43 + 63 + 81 + 81 \\ &:= 3^1 + 6^2 + 6^2 + 6^3 + 8^1 = 31 + 62 + 62 + 63 + 81 \\ &:= 3^2 + 3^2 + 6^3 + 8^2 + 9^0 = 32 + 32 + 63 + 82 + 90 \\ &:= 3^2 + 4^3 + 6^3 + 7^0 + 9^1 = 32 + 43 + 63 + 70 + 91 \\ &:= 3^2 + 4^4 + 5^2 + 8^1 + 9^0 = 32 + 44 + 52 + 81 + 90 \\ &:= 3^3 + 4^1 + 4^4 + 7^0 + 11^1 = 33 + 41 + 44 + 70 + 111 \\ &:= 3^3 + 4^4 + 5^1 + 7^0 + 10^1 = 33 + 44 + 51 + 70 + 101 \\ &:= 3^3 + 4^4 + 6^1 + 7^0 + 9^1 = 33 + 44 + 61 + 70 + 91 \\ &:= 3^3 + 4^4 + 7^0 + 7^1 + 8^1 = 33 + 44 + 70 + 71 + 81 \\ &:= 3^3 + 6^1 + 6^3 + 7^0 + 7^2 = 33 + 61 + 63 + 70 + 72 \\ &:= 4^1 + 4^1 + 4^3 + 6^3 + 11^1 = 41 + 41 + 43 + 63 + 111 \\ &:= 4^1 + 4^3 + 5^1 + 6^3 + 10^1 = 41 + 43 + 51 + 63 + 101 \\ &:= 4^1 + 4^3 + 6^1 + 6^3 + 9^1 = 41 + 43 + 61 + 63 + 91 \\ &:= 4^1 + 4^3 + 6^3 + 7^1 + 8^1 = 41 + 43 + 63 + 71 + 81 \\ &:= 4^1 + 6^2 + 6^2 + 6^3 + 7^1 = 41 + 62 + 62 + 63 + 71 \\ &:= 4^2 + 4^2 + 4^4 + 7^0 + 10^1 = 42 + 42 + 44 + 70 + 101 \\ &:= 4^3 + 5^1 + 5^1 + 6^3 + 9^1 = 43 + 51 + 51 + 63 + 91 \\ &:= 4^3 + 5^1 + 6^1 + 6^3 + 8^1 = 43 + 51 + 61 + 63 + 81 \\ &:= 4^3 + 5^1 + 6^3 + 7^1 + 7^1 = 43 + 51 + 63 + 71 + 71 \\ &:= 4^3 + 6^1 + 6^1 + 6^3 + 7^1 = 43 + 61 + 61 + 63 + 71 \\ &:= 5^1 + 6^1 + 6^2 + 6^2 + 6^3 = 51 + 61 + 62 + 62 + 63 \end{aligned}$$

2.2.201 Number 300

$$\begin{aligned}
 300 &:= 1^6 + 3^2 + 8^0 + 17^2 = 16 + 32 + 80 + 172 & := 1^3 + 1^4 + 2^0 + 8^1 + 17^2 = 13 + 14 + 20 + 81 + 172 \\
 &:= 1^7 + 2^0 + 9^1 + 17^2 = 17 + 20 + 91 + 172 & := 1^3 + 1^5 + 1^9 + 8^1 + 17^2 = 13 + 15 + 19 + 81 + 172 \\
 &:= 1^8 + 1^9 + 9^1 + 17^2 = 18 + 19 + 91 + 172 & := 1^3 + 1^6 + 1^8 + 8^1 + 17^2 = 13 + 16 + 18 + 81 + 172 \\
 &:= 2^0 + 2^6 + 6^3 + 19^1 = 20 + 26 + 63 + 191 & := 1^3 + 1^7 + 1^7 + 8^1 + 17^2 = 13 + 17 + 17 + 81 + 172 \\
 &:= 2^1 + 2^7 + 12^0 + 13^2 = 21 + 27 + 120 + 132 & := 1^3 + 1^7 + 2^6 + 6^3 + 18^1 = 13 + 17 + 26 + 63 + 181 \\
 &:= 2^5 + 4^4 + 11^1 + 12^0 = 25 + 44 + 111 + 120 & := 1^3 + 1^8 + 2^6 + 9^1 + 15^2 = 13 + 18 + 26 + 91 + 152 \\
 &:= 1^0 + 1^1 + 2^7 + 12^0 + 13^2 = 10 + 11 + 27 + 120 + 132 & := 1^3 + 1^8 + 2^7 + 11^0 + 13^2 = 13 + 18 + 27 + 110 + 132 \\
 &:= 1^0 + 1^3 + 3^4 + 6^3 + 18^0 = 10 + 13 + 34 + 63 + 180 & := 1^3 + 2^0 + 2^3 + 11^2 + 13^2 = 13 + 20 + 23 + 112 + 132 \\
 &:= 1^0 + 1^5 + 2^3 + 8^0 + 17^2 = 10 + 15 + 23 + 80 + 172 & := 1^3 + 2^0 + 3^4 + 6^3 + 17^0 = 13 + 20 + 34 + 63 + 170 \\
 &:= 1^0 + 1^5 + 6^3 + 9^2 + 12^0 = 10 + 15 + 63 + 92 + 120 & := 1^3 + 2^0 + 4^4 + 5^2 + 17^1 = 13 + 20 + 44 + 52 + 171 \\
 &:= 1^0 + 1^7 + 2^0 + 8^1 + 17^2 = 10 + 17 + 20 + 81 + 172 & := 1^3 + 2^2 + 5^3 + 8^0 + 13^2 = 13 + 22 + 53 + 80 + 132 \\
 &:= 1^0 + 1^8 + 1^9 + 8^1 + 17^2 = 10 + 18 + 19 + 81 + 172 & := 1^3 + 2^7 + 2^7 + 5^2 + 18^1 = 13 + 27 + 27 + 52 + 181 \\
 &:= 1^0 + 2^0 + 2^6 + 6^3 + 18^1 = 10 + 20 + 26 + 63 + 181 & := 1^3 + 3^0 + 3^4 + 6^3 + 16^0 = 13 + 30 + 34 + 63 + 160 \\
 &:= 1^0 + 2^5 + 4^4 + 10^1 + 12^0 = 10 + 25 + 44 + 101 + 120 & := 1^3 + 3^2 + 4^3 + 6^0 + 15^2 = 13 + 32 + 43 + 60 + 152 \\
 &:= 1^0 + 2^6 + 3^2 + 8^0 + 15^2 = 10 + 26 + 32 + 80 + 152 & := 1^3 + 3^4 + 4^0 + 6^3 + 15^0 = 13 + 34 + 40 + 63 + 150 \\
 &:= 1^1 + 1^2 + 3^4 + 6^3 + 18^0 = 11 + 12 + 34 + 63 + 180 & := 1^3 + 3^4 + 5^0 + 6^3 + 14^0 = 13 + 34 + 50 + 63 + 140 \\
 &:= 1^1 + 1^4 + 2^3 + 8^0 + 17^2 = 11 + 14 + 23 + 80 + 172 & := 1^3 + 3^4 + 6^0 + 6^3 + 13^0 = 13 + 34 + 60 + 63 + 130 \\
 &:= 1^1 + 1^4 + 6^3 + 9^2 + 12^0 = 11 + 14 + 63 + 92 + 120 & := 1^3 + 3^4 + 6^3 + 7^0 + 12^0 = 13 + 34 + 63 + 70 + 120 \\
 &:= 1^1 + 1^6 + 2^0 + 8^1 + 17^2 = 11 + 16 + 20 + 81 + 172 & := 1^3 + 3^4 + 6^3 + 8^0 + 11^0 = 13 + 34 + 63 + 80 + 110 \\
 &:= 1^1 + 1^7 + 1^9 + 8^1 + 17^2 = 11 + 17 + 19 + 81 + 172 & := 1^3 + 3^4 + 6^3 + 9^0 + 10^0 = 13 + 34 + 63 + 90 + 100 \\
 &:= 1^1 + 1^8 + 1^8 + 8^1 + 17^2 = 11 + 18 + 18 + 81 + 172 & := 1^3 + 4^4 + 6^1 + 6^2 + 12^0 = 13 + 44 + 61 + 62 + 120 \\
 &:= 1^1 + 1^9 + 2^6 + 6^3 + 18^1 = 11 + 19 + 26 + 63 + 181 & := 1^4 + 1^4 + 1^9 + 8^1 + 17^2 = 14 + 14 + 19 + 81 + 172 \\
 &:= 1^1 + 2^0 + 2^6 + 9^1 + 15^2 = 11 + 20 + 26 + 91 + 152 & := 1^4 + 1^5 + 1^8 + 8^1 + 17^2 = 14 + 15 + 18 + 81 + 172 \\
 &:= 1^1 + 2^0 + 2^7 + 11^0 + 13^2 = 11 + 20 + 27 + 110 + 132 & := 1^4 + 1^6 + 1^7 + 8^1 + 17^2 = 14 + 16 + 17 + 81 + 172 \\
 &:= 1^1 + 2^7 + 3^0 + 10^0 + 13^2 = 11 + 27 + 30 + 100 + 132 & := 1^4 + 1^6 + 2^6 + 6^3 + 18^1 = 14 + 16 + 26 + 63 + 181 \\
 &:= 1^1 + 2^7 + 4^0 + 9^0 + 13^2 = 11 + 27 + 40 + 90 + 132 & := 1^4 + 1^7 + 2^6 + 9^1 + 15^2 = 14 + 17 + 26 + 91 + 152 \\
 &:= 1^1 + 2^7 + 5^0 + 8^0 + 13^2 = 11 + 27 + 50 + 80 + 132 & := 1^4 + 1^7 + 2^7 + 11^0 + 13^2 = 14 + 17 + 27 + 110 + 132 \\
 &:= 1^1 + 2^7 + 6^0 + 7^0 + 13^2 = 11 + 27 + 60 + 70 + 132 & := 1^4 + 1^9 + 2^3 + 11^2 + 13^2 = 14 + 19 + 23 + 112 + 132 \\
 &:= 1^2 + 1^3 + 2^3 + 8^0 + 17^2 = 12 + 13 + 23 + 80 + 172 & := 1^4 + 1^9 + 3^4 + 6^3 + 17^0 = 14 + 19 + 34 + 63 + 170 \\
 &:= 1^2 + 1^3 + 6^3 + 9^2 + 12^0 = 12 + 13 + 63 + 92 + 120 & := 1^4 + 1^9 + 4^4 + 5^2 + 17^1 = 14 + 19 + 44 + 52 + 171 \\
 &:= 1^2 + 1^5 + 2^0 + 8^1 + 17^2 = 12 + 15 + 20 + 81 + 172 & := 1^4 + 2^0 + 3^2 + 8^2 + 15^2 = 14 + 20 + 32 + 82 + 152 \\
 &:= 1^2 + 1^6 + 1^9 + 8^1 + 17^2 = 12 + 16 + 19 + 81 + 172 & := 1^4 + 4^1 + 5^3 + 6^0 + 13^2 = 14 + 41 + 53 + 60 + 132 \\
 &:= 1^2 + 1^7 + 1^8 + 8^1 + 17^2 = 12 + 17 + 18 + 81 + 172 & := 1^5 + 1^5 + 1^7 + 8^1 + 17^2 = 15 + 15 + 17 + 81 + 172 \\
 &:= 1^2 + 1^8 + 2^6 + 6^3 + 18^1 = 12 + 18 + 26 + 63 + 181 & := 1^5 + 1^5 + 2^6 + 6^3 + 18^1 = 15 + 15 + 26 + 63 + 181 \\
 &:= 1^2 + 1^9 + 2^6 + 9^1 + 15^2 = 12 + 19 + 26 + 91 + 152 & := 1^5 + 1^6 + 1^6 + 8^1 + 17^2 = 15 + 16 + 16 + 81 + 172 \\
 &:= 1^2 + 1^9 + 2^7 + 11^0 + 13^2 = 12 + 19 + 27 + 110 + 132 & := 1^5 + 1^6 + 2^6 + 9^1 + 15^2 = 15 + 16 + 26 + 91 + 152 \\
 &:= 1^2 + 3^3 + 4^4 + 6^0 + 15^1 = 12 + 33 + 44 + 60 + 151 & := 1^5 + 1^6 + 2^7 + 11^0 + 13^2 = 15 + 16 + 27 + 110 + 132 \\
 &:= 1^2 + 3^5 + 6^1 + 7^2 + 12^0 = 12 + 35 + 61 + 72 + 120 & := 1^5 + 1^8 + 2^3 + 11^2 + 13^2 = 15 + 18 + 23 + 112 + 132
 \end{aligned}$$

$$\begin{aligned} &:= 1^5 + 1^8 + 3^4 + 6^3 + 17^0 = 15 + 18 + 34 + 63 + 170 \\ &:= 1^5 + 1^8 + 4^4 + 5^2 + 17^1 = 15 + 18 + 44 + 52 + 171 \\ &:= 1^5 + 1^9 + 3^2 + 8^2 + 15^2 = 15 + 19 + 32 + 82 + 152 \\ &:= 1^5 + 2^0 + 2^1 + 10^2 + 14^2 = 15 + 20 + 21 + 102 + 142 \\ &:= 1^5 + 2^0 + 2^3 + 7^0 + 17^2 = 15 + 20 + 23 + 70 + 172 \\ &:= 1^5 + 2^0 + 6^3 + 9^2 + 11^0 = 15 + 20 + 63 + 92 + 110 \\ &:= 1^5 + 2^2 + 4^0 + 5^1 + 17^2 = 15 + 22 + 40 + 51 + 172 \\ &:= 1^5 + 2^3 + 3^0 + 6^0 + 17^2 = 15 + 23 + 30 + 60 + 172 \\ &:= 1^5 + 2^3 + 4^0 + 5^0 + 17^2 = 15 + 23 + 40 + 50 + 172 \\ &:= 1^5 + 3^0 + 6^3 + 9^2 + 10^0 = 15 + 30 + 63 + 92 + 100 \\ &:= 1^5 + 4^0 + 6^3 + 9^0 + 9^2 = 15 + 40 + 63 + 90 + 92 \\ &:= 1^5 + 5^0 + 6^3 + 8^0 + 9^2 = 15 + 50 + 63 + 80 + 92 \\ &:= 1^5 + 6^0 + 6^3 + 7^0 + 9^2 = 15 + 60 + 63 + 70 + 92 \\ &:= 1^6 + 1^7 + 2^3 + 11^2 + 13^2 = 16 + 17 + 23 + 112 + 132 \\ &:= 1^6 + 1^7 + 3^4 + 6^3 + 17^0 = 16 + 17 + 34 + 63 + 170 \\ &:= 1^6 + 1^7 + 4^4 + 5^2 + 17^1 = 16 + 17 + 44 + 52 + 171 \\ &:= 1^6 + 1^8 + 3^2 + 8^2 + 15^2 = 16 + 18 + 32 + 82 + 152 \\ &:= 1^6 + 1^9 + 2^1 + 10^2 + 14^2 = 16 + 19 + 21 + 102 + 142 \\ &:= 1^6 + 1^9 + 2^3 + 7^0 + 17^2 = 16 + 19 + 23 + 70 + 172 \\ &:= 1^6 + 1^9 + 6^3 + 9^2 + 11^0 = 16 + 19 + 63 + 92 + 110 \\ &:= 1^6 + 2^0 + 2^1 + 7^1 + 17^2 = 16 + 20 + 21 + 71 + 172 \\ &:= 1^6 + 2^0 + 3^1 + 6^1 + 17^2 = 16 + 20 + 31 + 61 + 172 \\ &:= 1^6 + 2^0 + 4^1 + 5^1 + 17^2 = 16 + 20 + 41 + 51 + 172 \\ &:= 1^6 + 2^3 + 2^8 + 4^2 + 19^1 = 16 + 23 + 28 + 42 + 191 \\ &:= 1^6 + 2^4 + 2^7 + 11^1 + 12^2 = 16 + 24 + 27 + 111 + 122 \\ &:= 1^6 + 2^5 + 2^8 + 10^1 + 13^0 = 16 + 25 + 28 + 101 + 130 \\ &:= 1^7 + 1^7 + 3^2 + 8^2 + 15^2 = 17 + 17 + 32 + 82 + 152 \\ &:= 1^7 + 1^8 + 2^1 + 10^2 + 14^2 = 17 + 18 + 21 + 102 + 142 \\ &:= 1^7 + 1^8 + 2^3 + 7^0 + 17^2 = 17 + 18 + 23 + 70 + 172 \\ &:= 1^7 + 1^8 + 6^3 + 9^2 + 11^0 = 17 + 18 + 63 + 92 + 110 \\ &:= 1^7 + 1^9 + 2^1 + 7^1 + 17^2 = 17 + 19 + 21 + 71 + 172 \\ &:= 1^7 + 1^9 + 3^1 + 6^1 + 17^2 = 17 + 19 + 31 + 61 + 172 \\ &:= 1^7 + 1^9 + 4^1 + 5^1 + 17^2 = 17 + 19 + 41 + 51 + 172 \\ &:= 1^7 + 2^2 + 2^5 + 3^5 + 20^1 = 17 + 22 + 25 + 35 + 201 \\ &:= 1^7 + 2^6 + 3^4 + 10^1 + 12^2 = 17 + 26 + 34 + 101 + 122 \\ &:= 1^7 + 2^8 + 3^2 + 4^2 + 18^1 = 17 + 28 + 32 + 42 + 181 \\ &:= 1^8 + 1^8 + 2^1 + 7^1 + 17^2 = 18 + 18 + 21 + 71 + 172 \\ &:= 1^8 + 1^8 + 3^1 + 6^1 + 17^2 = 18 + 18 + 31 + 61 + 172 \end{aligned}$$

$$\begin{aligned} &:= 1^8 + 1^8 + 4^1 + 5^1 + 17^2 = 18 + 18 + 41 + 51 + 172 \\ &:= 1^8 + 2^3 + 2^4 + 4^4 + 19^1 = 18 + 23 + 24 + 44 + 191 \\ &:= 1^8 + 2^6 + 5^3 + 10^1 + 10^2 = 18 + 26 + 53 + 101 + 102 \\ &:= 1^8 + 2^7 + 7^1 + 8^2 + 10^2 = 18 + 27 + 71 + 82 + 102 \\ &:= 1^8 + 2^8 + 3^3 + 7^0 + 15^1 = 18 + 28 + 33 + 70 + 151 \\ &:= 1^9 + 2^1 + 2^6 + 6^3 + 17^1 = 19 + 21 + 26 + 63 + 171 \\ &:= 1^9 + 2^4 + 3^2 + 4^4 + 18^1 = 19 + 24 + 32 + 44 + 181 \\ &:= 1^9 + 2^5 + 4^3 + 7^1 + 14^2 = 19 + 25 + 43 + 71 + 142 \\ &:= 1^9 + 2^6 + 3^1 + 6^3 + 16^1 = 19 + 26 + 31 + 63 + 161 \\ &:= 1^9 + 2^6 + 4^1 + 6^3 + 15^1 = 19 + 26 + 41 + 63 + 151 \\ &:= 1^9 + 2^6 + 5^1 + 6^3 + 14^1 = 19 + 26 + 51 + 63 + 141 \\ &:= 1^9 + 2^6 + 6^1 + 6^3 + 13^1 = 19 + 26 + 61 + 63 + 131 \\ &:= 1^9 + 2^6 + 6^3 + 7^1 + 12^1 = 19 + 26 + 63 + 71 + 121 \\ &:= 1^9 + 2^6 + 6^3 + 8^1 + 11^1 = 19 + 26 + 63 + 81 + 111 \\ &:= 1^9 + 2^6 + 6^3 + 9^1 + 10^1 = 19 + 26 + 63 + 91 + 101 \\ &:= 1^9 + 2^7 + 7^0 + 7^2 + 11^2 = 19 + 27 + 70 + 72 + 112 \\ &:= 1^9 + 2^8 + 3^0 + 5^2 + 17^1 = 19 + 28 + 30 + 52 + 171 \\ &:= 1^9 + 2^8 + 6^1 + 6^2 + 13^0 = 19 + 28 + 61 + 62 + 130 \\ &:= 2^0 + 2^1 + 2^5 + 11^2 + 12^2 = 20 + 21 + 25 + 112 + 122 \\ &:= 2^0 + 2^1 + 2^6 + 8^1 + 15^2 = 20 + 21 + 26 + 81 + 152 \\ &:= 2^0 + 2^2 + 2^5 + 7^1 + 16^2 = 20 + 22 + 25 + 71 + 162 \\ &:= 2^0 + 2^2 + 3^5 + 6^2 + 16^1 = 20 + 22 + 35 + 62 + 161 \\ &:= 2^0 + 2^4 + 3^2 + 7^2 + 15^2 = 20 + 24 + 32 + 72 + 152 \\ &:= 2^0 + 2^5 + 4^4 + 10^1 + 11^0 = 20 + 25 + 44 + 101 + 110 \\ &:= 2^0 + 2^6 + 3^1 + 7^1 + 15^2 = 20 + 26 + 31 + 71 + 152 \\ &:= 2^0 + 2^6 + 3^2 + 7^0 + 15^2 = 20 + 26 + 32 + 70 + 152 \\ &:= 2^0 + 2^6 + 4^1 + 6^1 + 15^2 = 20 + 26 + 41 + 61 + 152 \\ &:= 2^0 + 2^6 + 5^1 + 5^1 + 15^2 = 20 + 26 + 51 + 51 + 152 \\ &:= 2^0 + 3^3 + 3^3 + 7^2 + 14^2 = 20 + 33 + 33 + 72 + 142 \\ &:= 2^0 + 3^3 + 4^3 + 8^2 + 12^2 = 20 + 33 + 43 + 82 + 122 \\ &:= 2^0 + 3^4 + 4^2 + 9^2 + 11^2 = 20 + 34 + 42 + 92 + 112 \\ &:= 2^0 + 3^4 + 5^2 + 7^2 + 12^2 = 20 + 34 + 52 + 72 + 122 \\ &:= 2^0 + 3^5 + 4^2 + 5^2 + 15^1 = 20 + 35 + 42 + 52 + 151 \\ &:= 2^1 + 2^5 + 3^2 + 6^0 + 16^2 = 21 + 25 + 32 + 60 + 162 \\ &:= 2^2 + 3^1 + 3^5 + 7^2 + 14^0 = 22 + 31 + 35 + 72 + 140 \\ &:= 2^2 + 3^3 + 4^4 + 8^0 + 12^1 = 22 + 33 + 44 + 80 + 121 \\ &:= 2^3 + 4^3 + 6^0 + 6^3 + 11^1 = 23 + 43 + 60 + 63 + 111 \\ &:= 2^3 + 4^4 + 5^2 + 8^0 + 10^1 = 23 + 44 + 52 + 80 + 101 \end{aligned}$$

$$\begin{aligned} &:= 2^4 + 3^1 + 6^3 + 8^2 + 10^0 = 24 + 31 + 63 + 82 + 100 \\ &:= 2^5 + 2^7 + 2^7 + 11^0 + 11^1 = 25 + 27 + 27 + 110 + 111 \\ &:= 2^5 + 3^0 + 4^4 + 10^0 + 10^1 = 25 + 30 + 44 + 100 + 101 \\ &:= 2^5 + 4^0 + 4^4 + 9^0 + 10^1 = 25 + 40 + 44 + 90 + 101 \\ &:= 2^5 + 4^4 + 5^0 + 8^0 + 10^1 = 25 + 44 + 50 + 80 + 101 \\ &:= 2^5 + 4^4 + 6^0 + 7^0 + 10^1 = 25 + 44 + 60 + 70 + 101 \\ &:= 2^6 + 2^7 + 3^2 + 3^4 + 18^1 = 26 + 27 + 32 + 34 + 181 \\ &:= 2^6 + 2^7 + 3^3 + 4^3 + 17^1 = 26 + 27 + 33 + 43 + 171 \end{aligned}$$

$$\begin{aligned} &:= 2^6 + 3^0 + 3^2 + 6^0 + 15^2 = 26 + 30 + 32 + 60 + 152 \\ &:= 2^6 + 3^2 + 4^0 + 5^0 + 15^2 = 26 + 32 + 40 + 50 + 152 \\ &:= 3^2 + 3^2 + 4^4 + 5^2 + 14^0 = 32 + 32 + 44 + 52 + 140 \\ &:= 3^2 + 3^3 + 4^4 + 7^1 + 12^0 = 32 + 33 + 44 + 71 + 120 \\ &:= 3^2 + 3^5 + 6^0 + 6^2 + 11^1 = 32 + 35 + 60 + 62 + 111 \\ &:= 3^5 + 4^1 + 4^2 + 6^2 + 12^0 = 35 + 41 + 42 + 62 + 120 \\ &:= 3^5 + 5^2 + 5^2 + 6^1 + 10^0 = 35 + 52 + 52 + 61 + 100 \end{aligned}$$

2.2.202 Number 301

$$\begin{aligned} 301 &:= 1^8 + 11^1 + 17^2 = 18 + 111 + 172 \\ 301 &:= 1^0 + 1^8 + 10^1 + 17^2 = 10 + 18 + 101 + 172 \\ 301 &:= 1^1 + 1^7 + 10^1 + 17^2 = 11 + 17 + 101 + 172 \\ 301 &:= 1^1 + 2^6 + 6^3 + 20^1 = 11 + 26 + 63 + 201 \\ 301 &:= 1^2 + 1^6 + 10^1 + 17^2 = 12 + 16 + 101 + 172 \\ 301 &:= 1^2 + 2^6 + 11^1 + 15^2 = 12 + 26 + 111 + 152 \\ 301 &:= 1^3 + 1^5 + 10^1 + 17^2 = 13 + 15 + 101 + 172 \\ 301 &:= 1^4 + 1^4 + 10^1 + 17^2 = 14 + 14 + 101 + 172 \\ 301 &:= 1^4 + 4^4 + 5^2 + 19^1 = 14 + 44 + 52 + 191 \\ 301 &:= 1^6 + 4^1 + 10^2 + 14^2 = 16 + 41 + 102 + 142 \\ 301 &:= 1^7 + 2^1 + 9^1 + 17^2 = 17 + 21 + 91 + 172 \\ 301 &:= 1^7 + 3^1 + 8^1 + 17^2 = 17 + 31 + 81 + 172 \\ 301 &:= 1^7 + 4^1 + 7^1 + 17^2 = 17 + 41 + 71 + 172 \\ 301 &:= 1^7 + 5^1 + 6^1 + 17^2 = 17 + 51 + 61 + 172 \\ 301 &:= 2^1 + 2^6 + 6^3 + 19^1 = 21 + 26 + 63 + 191 \\ 301 &:= 2^4 + 3^2 + 4^4 + 20^1 = 24 + 32 + 44 + 201 \\ 301 &:= 2^5 + 4^3 + 9^1 + 14^2 = 25 + 43 + 91 + 142 \\ 301 &:= 2^5 + 5^2 + 10^2 + 12^2 = 25 + 52 + 102 + 122 \\ 301 &:= 2^5 + 6^2 + 8^2 + 13^2 = 25 + 62 + 82 + 132 \\ 301 &:= 2^6 + 3^1 + 6^3 + 18^1 = 26 + 31 + 63 + 181 \\ 301 &:= 2^6 + 4^1 + 6^3 + 17^1 = 26 + 41 + 63 + 171 \\ 301 &:= 2^6 + 5^1 + 6^3 + 16^1 = 26 + 51 + 63 + 161 \\ 301 &:= 2^6 + 6^1 + 6^3 + 15^1 = 26 + 61 + 63 + 151 \\ 301 &:= 2^6 + 6^3 + 10^1 + 11^1 = 26 + 63 + 101 + 111 \\ 301 &:= 2^6 + 6^3 + 7^1 + 14^1 = 26 + 63 + 71 + 141 \\ 301 &:= 2^6 + 6^3 + 8^1 + 13^1 = 26 + 63 + 81 + 131 \\ 301 &:= 2^6 + 6^3 + 9^1 + 12^1 = 26 + 63 + 91 + 121 \end{aligned}$$

$$\begin{aligned} 301 &:= 2^8 + 3^0 + 5^2 + 19^1 = 28 + 30 + 52 + 191 \\ 301 &:= 2^8 + 6^2 + 8^1 + 13^0 = 28 + 62 + 81 + 130 \\ 301 &:= 1^0 + 1^0 + 1^8 + 9^1 + 17^2 = 10 + 10 + 18 + 91 + 172 \\ 301 &:= 1^0 + 1^1 + 1^7 + 9^1 + 17^2 = 10 + 11 + 17 + 91 + 172 \\ 301 &:= 1^0 + 1^1 + 2^6 + 6^3 + 19^1 = 10 + 11 + 26 + 63 + 191 \\ 301 &:= 1^0 + 1^2 + 1^6 + 9^1 + 17^2 = 10 + 12 + 16 + 91 + 172 \\ 301 &:= 1^0 + 1^2 + 2^6 + 10^1 + 15^2 = 10 + 12 + 26 + 101 + 152 \\ 301 &:= 1^0 + 1^3 + 1^5 + 9^1 + 17^2 = 10 + 13 + 15 + 91 + 172 \\ 301 &:= 1^0 + 1^4 + 1^4 + 9^1 + 17^2 = 10 + 14 + 14 + 91 + 172 \\ 301 &:= 1^0 + 1^4 + 4^4 + 5^2 + 18^1 = 10 + 14 + 44 + 52 + 181 \\ 301 &:= 1^0 + 1^5 + 3^2 + 11^2 + 13^2 = 10 + 15 + 32 + 112 + 132 \\ 301 &:= 1^0 + 1^5 + 5^2 + 7^2 + 15^2 = 10 + 15 + 52 + 72 + 152 \\ 301 &:= 1^0 + 1^6 + 3^1 + 10^2 + 14^2 = 10 + 16 + 31 + 102 + 142 \\ 301 &:= 1^0 + 1^7 + 2^1 + 8^1 + 17^2 = 10 + 17 + 21 + 81 + 172 \\ 301 &:= 1^0 + 1^7 + 3^1 + 7^1 + 17^2 = 10 + 17 + 31 + 71 + 172 \\ 301 &:= 1^0 + 1^7 + 3^2 + 7^0 + 17^2 = 10 + 17 + 32 + 70 + 172 \\ 301 &:= 1^0 + 1^7 + 4^1 + 6^1 + 17^2 = 10 + 17 + 41 + 61 + 172 \\ 301 &:= 1^0 + 1^7 + 5^1 + 5^1 + 17^2 = 10 + 17 + 51 + 51 + 172 \\ 301 &:= 1^0 + 2^1 + 2^6 + 6^3 + 18^1 = 10 + 21 + 26 + 63 + 181 \\ 301 &:= 1^0 + 2^4 + 3^2 + 4^4 + 19^1 = 10 + 24 + 32 + 44 + 191 \\ 301 &:= 1^0 + 2^4 + 3^3 + 4^4 + 19^0 = 10 + 24 + 33 + 44 + 190 \\ 301 &:= 1^0 + 2^5 + 4^3 + 8^1 + 14^2 = 10 + 25 + 43 + 81 + 142 \\ 301 &:= 1^0 + 2^5 + 6^2 + 6^2 + 14^2 = 10 + 25 + 62 + 62 + 142 \\ 301 &:= 1^0 + 2^6 + 3^1 + 6^3 + 17^1 = 10 + 26 + 31 + 63 + 171 \\ 301 &:= 1^0 + 2^6 + 4^1 + 6^3 + 16^1 = 10 + 26 + 41 + 63 + 161 \\ 301 &:= 1^0 + 2^6 + 5^1 + 6^3 + 15^1 = 10 + 26 + 51 + 63 + 151 \\ 301 &:= 1^0 + 2^6 + 6^1 + 6^3 + 14^1 = 10 + 26 + 61 + 63 + 141 \end{aligned}$$

$$\begin{aligned} 301 &:= 1^0 + 2^6 + 6^3 + 10^1 + 10^1 = 10 + 26 + 63 + 101 + 101 \\ 301 &:= 1^0 + 2^6 + 6^3 + 7^1 + 13^1 = 10 + 26 + 63 + 71 + 131 \\ 301 &:= 1^0 + 2^6 + 6^3 + 8^1 + 12^1 = 10 + 26 + 63 + 81 + 121 \\ 301 &:= 1^0 + 2^6 + 6^3 + 9^1 + 11^1 = 10 + 26 + 63 + 91 + 111 \\ 301 &:= 1^0 + 2^8 + 3^0 + 5^2 + 18^1 = 10 + 28 + 30 + 52 + 181 \\ 301 &:= 1^0 + 2^8 + 6^2 + 7^1 + 13^0 = 10 + 28 + 62 + 71 + 130 \\ 301 &:= 1^1 + 1^1 + 1^6 + 9^1 + 17^2 = 11 + 11 + 16 + 91 + 172 \\ 301 &:= 1^1 + 1^1 + 2^6 + 10^1 + 15^2 = 11 + 11 + 26 + 101 + 152 \\ 301 &:= 1^1 + 1^2 + 1^5 + 9^1 + 17^2 = 11 + 12 + 15 + 91 + 172 \\ 301 &:= 1^1 + 1^3 + 1^4 + 9^1 + 17^2 = 11 + 13 + 14 + 91 + 172 \\ 301 &:= 1^1 + 1^3 + 4^4 + 5^2 + 18^1 = 11 + 13 + 44 + 52 + 181 \\ 301 &:= 1^1 + 1^4 + 3^2 + 11^2 + 13^2 = 11 + 14 + 32 + 112 + 132 \\ 301 &:= 1^1 + 1^4 + 5^2 + 7^2 + 15^2 = 11 + 14 + 52 + 72 + 152 \\ 301 &:= 1^1 + 1^5 + 3^1 + 10^2 + 14^2 = 11 + 15 + 31 + 102 + 142 \\ 301 &:= 1^1 + 1^6 + 2^1 + 8^1 + 17^2 = 11 + 16 + 21 + 81 + 172 \\ 301 &:= 1^1 + 1^6 + 3^1 + 7^1 + 17^2 = 11 + 16 + 31 + 71 + 172 \\ 301 &:= 1^1 + 1^6 + 3^2 + 7^0 + 17^2 = 11 + 16 + 32 + 70 + 172 \\ 301 &:= 1^1 + 1^6 + 4^1 + 6^1 + 17^2 = 11 + 16 + 41 + 61 + 172 \\ 301 &:= 1^1 + 1^6 + 5^1 + 5^1 + 17^2 = 11 + 16 + 51 + 51 + 172 \\ 301 &:= 1^1 + 2^1 + 2^6 + 9^1 + 15^2 = 11 + 21 + 26 + 91 + 152 \\ 301 &:= 1^1 + 2^1 + 2^7 + 11^0 + 13^2 = 11 + 21 + 27 + 110 + 132 \\ 301 &:= 1^1 + 2^2 + 2^5 + 8^1 + 16^2 = 11 + 22 + 25 + 81 + 162 \\ 301 &:= 1^1 + 2^2 + 3^5 + 6^2 + 17^1 = 11 + 22 + 35 + 62 + 171 \\ 301 &:= 1^1 + 2^3 + 3^3 + 11^2 + 12^2 = 11 + 23 + 33 + 112 + 122 \\ 301 &:= 1^1 + 2^5 + 3^1 + 11^2 + 12^2 = 11 + 25 + 31 + 112 + 122 \\ 301 &:= 1^1 + 2^5 + 4^4 + 11^0 + 11^1 = 11 + 25 + 44 + 110 + 111 \\ 301 &:= 1^1 + 2^6 + 3^1 + 8^1 + 15^2 = 11 + 26 + 31 + 81 + 152 \\ 301 &:= 1^1 + 2^6 + 4^1 + 7^1 + 15^2 = 11 + 26 + 41 + 71 + 152 \\ 301 &:= 1^1 + 2^6 + 5^1 + 6^1 + 15^2 = 11 + 26 + 51 + 61 + 152 \\ 301 &:= 1^1 + 3^4 + 7^2 + 7^2 + 11^2 = 11 + 34 + 72 + 72 + 112 \\ 301 &:= 1^1 + 3^5 + 4^2 + 5^2 + 16^1 = 11 + 35 + 42 + 52 + 161 \\ 301 &:= 1^2 + 1^2 + 1^4 + 9^1 + 17^2 = 12 + 12 + 14 + 91 + 172 \\ 301 &:= 1^2 + 1^2 + 4^4 + 5^2 + 18^1 = 12 + 12 + 44 + 52 + 181 \\ 301 &:= 1^2 + 1^3 + 1^3 + 9^1 + 17^2 = 12 + 13 + 13 + 91 + 172 \\ 301 &:= 1^2 + 1^3 + 3^2 + 11^2 + 13^2 = 12 + 13 + 32 + 112 + 132 \\ 301 &:= 1^2 + 1^3 + 5^2 + 7^2 + 15^2 = 12 + 13 + 52 + 72 + 152 \\ 301 &:= 1^2 + 1^4 + 3^1 + 10^2 + 14^2 = 12 + 14 + 31 + 102 + 142 \\ 301 &:= 1^2 + 1^5 + 2^1 + 8^1 + 17^2 = 12 + 15 + 21 + 81 + 172 \end{aligned}$$

$$\begin{aligned} 301 &:= 1^2 + 1^5 + 3^1 + 7^1 + 17^2 = 12 + 15 + 31 + 71 + 172 \\ 301 &:= 1^2 + 1^5 + 3^2 + 7^0 + 17^2 = 12 + 15 + 32 + 70 + 172 \\ 301 &:= 1^2 + 1^5 + 4^1 + 6^1 + 17^2 = 12 + 15 + 41 + 61 + 172 \\ 301 &:= 1^2 + 1^5 + 5^1 + 5^1 + 17^2 = 12 + 15 + 51 + 51 + 172 \\ 301 &:= 1^2 + 2^2 + 2^3 + 12^2 + 12^2 = 12 + 22 + 23 + 122 + 122 \\ 301 &:= 1^2 + 2^2 + 3^3 + 10^2 + 13^2 = 12 + 22 + 33 + 102 + 132 \\ 301 &:= 1^2 + 2^2 + 4^3 + 6^3 + 16^1 = 12 + 22 + 43 + 63 + 161 \\ 301 &:= 1^2 + 2^3 + 6^3 + 8^2 + 12^1 = 12 + 23 + 63 + 82 + 121 \\ 301 &:= 1^2 + 2^4 + 3^3 + 7^0 + 16^2 = 12 + 24 + 33 + 70 + 162 \\ 301 &:= 1^2 + 3^3 + 4^2 + 4^4 + 17^0 = 12 + 33 + 42 + 44 + 170 \\ 301 &:= 1^2 + 3^4 + 4^2 + 7^1 + 14^2 = 12 + 34 + 42 + 71 + 142 \\ 301 &:= 1^3 + 1^3 + 3^1 + 10^2 + 14^2 = 13 + 13 + 31 + 102 + 142 \\ 301 &:= 1^3 + 1^4 + 2^1 + 8^1 + 17^2 = 13 + 14 + 21 + 81 + 172 \\ 301 &:= 1^3 + 1^4 + 3^1 + 7^1 + 17^2 = 13 + 14 + 31 + 71 + 172 \\ 301 &:= 1^3 + 1^4 + 3^2 + 7^0 + 17^2 = 13 + 14 + 32 + 70 + 172 \\ 301 &:= 1^3 + 1^4 + 4^1 + 6^1 + 17^2 = 13 + 14 + 41 + 61 + 172 \\ 301 &:= 1^3 + 1^4 + 5^1 + 5^1 + 17^2 = 13 + 14 + 51 + 51 + 172 \\ 301 &:= 1^3 + 2^1 + 2^3 + 11^2 + 13^2 = 13 + 21 + 23 + 112 + 132 \\ 301 &:= 1^3 + 2^1 + 3^4 + 6^3 + 17^0 = 13 + 21 + 34 + 63 + 170 \\ 301 &:= 1^3 + 2^1 + 4^4 + 5^2 + 17^1 = 13 + 21 + 44 + 52 + 171 \\ 301 &:= 1^3 + 2^2 + 4^3 + 7^1 + 15^2 = 13 + 22 + 43 + 71 + 152 \\ 301 &:= 1^3 + 2^3 + 3^1 + 8^2 + 15^2 = 13 + 23 + 31 + 82 + 152 \\ 301 &:= 1^3 + 3^1 + 4^3 + 8^2 + 13^2 = 13 + 31 + 43 + 82 + 132 \\ 301 &:= 1^3 + 3^1 + 4^4 + 5^2 + 16^1 = 13 + 31 + 44 + 52 + 161 \\ 301 &:= 1^3 + 3^2 + 6^3 + 8^2 + 11^1 = 13 + 32 + 63 + 82 + 111 \\ 301 &:= 1^3 + 3^3 + 4^4 + 5^0 + 16^1 = 13 + 33 + 44 + 50 + 161 \\ 301 &:= 1^3 + 3^4 + 5^0 + 7^2 + 13^2 = 13 + 34 + 50 + 72 + 132 \\ 301 &:= 1^3 + 3^5 + 7^1 + 7^2 + 11^0 = 13 + 35 + 71 + 72 + 110 \\ 301 &:= 1^3 + 4^1 + 4^3 + 6^2 + 14^2 = 13 + 41 + 43 + 62 + 142 \\ 301 &:= 1^3 + 4^1 + 4^4 + 5^2 + 15^1 = 13 + 41 + 44 + 52 + 151 \\ 301 &:= 1^3 + 4^4 + 5^1 + 5^2 + 14^1 = 13 + 44 + 51 + 52 + 141 \\ 301 &:= 1^3 + 4^4 + 5^2 + 6^1 + 13^1 = 13 + 44 + 52 + 61 + 131 \\ 301 &:= 1^3 + 4^4 + 5^2 + 7^1 + 12^1 = 13 + 44 + 52 + 71 + 121 \\ 301 &:= 1^3 + 4^4 + 5^2 + 8^1 + 11^1 = 13 + 44 + 52 + 81 + 111 \\ 301 &:= 1^3 + 4^4 + 5^2 + 9^1 + 10^1 = 13 + 44 + 52 + 91 + 101 \\ 301 &:= 1^3 + 5^1 + 5^3 + 7^2 + 11^2 = 13 + 51 + 53 + 72 + 112 \\ 301 &:= 1^3 + 5^2 + 5^3 + 6^1 + 12^2 = 13 + 52 + 53 + 61 + 122 \\ 301 &:= 1^3 + 5^2 + 6^3 + 7^2 + 10^1 = 13 + 52 + 63 + 72 + 101 \end{aligned}$$

$$\begin{aligned} 301 &:= 1^3 + 5^3 + 5^3 + 7^2 + 11^0 = 13 + 53 + 53 + 72 + 110 \\ 301 &:= 1^4 + 2^1 + 3^2 + 8^2 + 15^2 = 14 + 21 + 32 + 82 + 152 \\ 301 &:= 1^4 + 2^2 + 4^1 + 6^2 + 16^2 = 14 + 22 + 41 + 62 + 162 \\ 301 &:= 1^4 + 3^1 + 4^2 + 5^2 + 16^2 = 14 + 31 + 42 + 52 + 162 \\ 301 &:= 1^4 + 3^3 + 4^2 + 5^0 + 16^2 = 14 + 33 + 42 + 50 + 162 \\ 301 &:= 1^4 + 4^4 + 6^2 + 7^1 + 11^0 = 14 + 44 + 62 + 71 + 110 \\ 301 &:= 1^5 + 2^1 + 2^1 + 10^2 + 14^2 = 15 + 21 + 21 + 102 + 142 \\ 301 &:= 1^5 + 2^1 + 2^3 + 7^0 + 17^2 = 15 + 21 + 23 + 70 + 172 \\ 301 &:= 1^5 + 2^1 + 6^3 + 9^2 + 11^0 = 15 + 21 + 63 + 92 + 110 \\ 301 &:= 1^5 + 5^0 + 5^1 + 5^3 + 13^2 = 15 + 50 + 51 + 53 + 132 \\ 301 &:= 1^6 + 2^1 + 2^1 + 7^1 + 17^2 = 16 + 21 + 21 + 71 + 172 \\ 301 &:= 1^6 + 2^1 + 3^1 + 6^1 + 17^2 = 16 + 21 + 31 + 61 + 172 \\ 301 &:= 1^6 + 2^1 + 4^1 + 5^1 + 17^2 = 16 + 21 + 41 + 51 + 172 \\ 301 &:= 1^6 + 2^2 + 3^0 + 6^1 + 17^2 = 16 + 22 + 30 + 61 + 172 \\ 301 &:= 1^6 + 2^4 + 2^8 + 3^3 + 20^0 = 16 + 24 + 28 + 33 + 200 \\ 301 &:= 1^6 + 3^1 + 3^1 + 5^1 + 17^2 = 16 + 31 + 31 + 51 + 172 \\ 301 &:= 1^6 + 3^1 + 4^1 + 4^1 + 17^2 = 16 + 31 + 41 + 41 + 172 \\ 301 &:= 1^7 + 2^0 + 3^2 + 6^0 + 17^2 = 17 + 20 + 32 + 60 + 172 \\ 301 &:= 1^7 + 2^5 + 2^8 + 11^1 + 12^0 = 17 + 25 + 28 + 111 + 120 \\ 301 &:= 1^7 + 3^0 + 3^2 + 5^0 + 17^2 = 17 + 30 + 32 + 50 + 172 \\ 301 &:= 1^7 + 3^2 + 4^0 + 4^0 + 17^2 = 17 + 32 + 40 + 40 + 172 \\ 301 &:= 1^8 + 1^9 + 3^2 + 6^0 + 17^2 = 18 + 19 + 32 + 60 + 172 \\ 301 &:= 1^8 + 2^8 + 3^3 + 4^2 + 18^0 = 18 + 28 + 33 + 42 + 180 \\ 301 &:= 1^9 + 2^7 + 3^3 + 10^0 + 12^2 = 19 + 27 + 33 + 100 + 122 \\ 301 &:= 1^9 + 2^8 + 3^3 + 6^0 + 16^1 = 19 + 28 + 33 + 60 + 161 \\ 301 &:= 2^0 + 2^0 + 2^8 + 5^2 + 18^1 = 20 + 20 + 28 + 52 + 181 \\ 301 &:= 2^0 + 2^4 + 3^3 + 4^4 + 18^0 = 20 + 24 + 33 + 44 + 180 \\ 301 &:= 2^0 + 2^8 + 6^2 + 7^1 + 12^0 = 20 + 28 + 62 + 71 + 120 \\ 301 &:= 2^1 + 2^1 + 2^5 + 11^2 + 12^2 = 21 + 21 + 25 + 112 + 122 \\ 301 &:= 2^1 + 2^1 + 2^6 + 8^1 + 15^2 = 21 + 21 + 26 + 81 + 152 \\ 301 &:= 2^1 + 2^2 + 2^5 + 7^1 + 16^2 = 21 + 22 + 25 + 71 + 162 \\ 301 &:= 2^1 + 2^2 + 3^5 + 6^2 + 16^1 = 21 + 22 + 35 + 62 + 161 \\ 301 &:= 2^1 + 2^4 + 3^2 + 7^2 + 15^2 = 21 + 24 + 32 + 72 + 152 \\ 301 &:= 2^1 + 2^5 + 4^4 + 10^1 + 11^0 = 21 + 25 + 44 + 101 + 110 \\ 301 &:= 2^1 + 2^6 + 3^1 + 7^1 + 15^2 = 21 + 26 + 31 + 71 + 152 \\ 301 &:= 2^1 + 2^6 + 3^2 + 7^0 + 15^2 = 21 + 26 + 32 + 70 + 152 \\ 301 &:= 2^1 + 2^6 + 4^1 + 6^1 + 15^2 = 21 + 26 + 41 + 61 + 152 \\ 301 &:= 2^1 + 2^6 + 5^1 + 5^1 + 15^2 = 21 + 26 + 51 + 51 + 152 \end{aligned}$$

$$\begin{aligned} 301 &:= 2^1 + 3^3 + 3^3 + 7^2 + 14^2 = 21 + 33 + 33 + 72 + 142 \\ 301 &:= 2^1 + 3^3 + 4^3 + 8^2 + 12^2 = 21 + 33 + 43 + 82 + 122 \\ 301 &:= 2^1 + 3^4 + 4^2 + 9^2 + 11^2 = 21 + 34 + 42 + 92 + 112 \\ 301 &:= 2^1 + 3^4 + 5^2 + 7^2 + 12^2 = 21 + 34 + 52 + 72 + 122 \\ 301 &:= 2^1 + 3^5 + 4^2 + 5^2 + 15^1 = 21 + 35 + 42 + 52 + 151 \\ 301 &:= 2^2 + 2^2 + 3^5 + 7^2 + 15^0 = 22 + 22 + 35 + 72 + 150 \\ 301 &:= 2^2 + 2^3 + 3^3 + 6^1 + 16^2 = 22 + 23 + 33 + 61 + 162 \\ 301 &:= 2^2 + 2^4 + 6^3 + 8^2 + 11^0 = 22 + 24 + 63 + 82 + 110 \\ 301 &:= 2^2 + 2^5 + 3^1 + 6^1 + 16^2 = 22 + 25 + 31 + 61 + 162 \\ 301 &:= 2^2 + 2^5 + 4^1 + 5^1 + 16^2 = 22 + 25 + 41 + 51 + 162 \\ 301 &:= 2^2 + 2^6 + 3^0 + 7^1 + 15^2 = 22 + 26 + 30 + 71 + 152 \\ 301 &:= 2^2 + 3^1 + 3^5 + 6^2 + 15^1 = 22 + 31 + 35 + 62 + 151 \\ 301 &:= 2^2 + 3^2 + 3^3 + 6^2 + 15^2 = 22 + 32 + 33 + 62 + 152 \\ 301 &:= 2^2 + 3^2 + 4^2 + 4^4 + 16^1 = 22 + 32 + 42 + 44 + 161 \\ 301 &:= 2^2 + 3^5 + 4^1 + 6^2 + 14^1 = 22 + 35 + 41 + 62 + 141 \\ 301 &:= 2^2 + 3^5 + 5^1 + 6^2 + 13^1 = 22 + 35 + 51 + 62 + 131 \\ 301 &:= 2^2 + 3^5 + 6^1 + 6^2 + 12^1 = 22 + 35 + 61 + 62 + 121 \\ 301 &:= 2^2 + 3^5 + 6^2 + 7^1 + 11^1 = 22 + 35 + 62 + 71 + 111 \\ 301 &:= 2^2 + 3^5 + 6^2 + 8^1 + 10^1 = 22 + 35 + 62 + 81 + 101 \\ 301 &:= 2^2 + 3^5 + 6^2 + 9^1 + 9^1 = 22 + 35 + 62 + 91 + 91 \\ 301 &:= 2^2 + 4^3 + 5^3 + 8^1 + 10^2 = 22 + 43 + 53 + 81 + 102 \\ 301 &:= 2^2 + 5^3 + 5^3 + 6^2 + 11^1 = 22 + 53 + 53 + 62 + 111 \\ 301 &:= 2^2 + 5^3 + 6^2 + 6^2 + 10^2 = 22 + 53 + 62 + 62 + 102 \\ 301 &:= 2^3 + 2^3 + 4^1 + 5^2 + 16^2 = 23 + 23 + 41 + 52 + 162 \\ 301 &:= 2^3 + 2^5 + 4^1 + 5^0 + 16^2 = 23 + 25 + 41 + 50 + 162 \\ 301 &:= 2^3 + 3^3 + 4^4 + 9^1 + 11^0 = 23 + 33 + 44 + 91 + 110 \\ 301 &:= 2^3 + 3^3 + 6^3 + 7^2 + 11^0 = 23 + 33 + 63 + 72 + 110 \\ 301 &:= 2^3 + 3^5 + 5^0 + 6^2 + 13^1 = 23 + 35 + 50 + 62 + 131 \\ 301 &:= 2^3 + 4^1 + 5^3 + 8^2 + 10^2 = 23 + 41 + 53 + 82 + 102 \\ 301 &:= 2^4 + 3^0 + 3^3 + 4^4 + 17^0 = 24 + 30 + 33 + 44 + 170 \\ 301 &:= 2^4 + 3^0 + 3^4 + 7^1 + 14^2 = 24 + 30 + 34 + 71 + 142 \\ 301 &:= 2^4 + 3^1 + 4^4 + 5^2 + 15^0 = 24 + 31 + 44 + 52 + 150 \\ 301 &:= 2^4 + 3^2 + 4^1 + 4^2 + 16^2 = 24 + 32 + 41 + 42 + 162 \\ 301 &:= 2^4 + 3^3 + 4^0 + 4^4 + 16^0 = 24 + 33 + 40 + 44 + 160 \\ 301 &:= 2^4 + 3^3 + 4^4 + 10^0 + 10^0 = 24 + 33 + 44 + 100 + 100 \\ 301 &:= 2^4 + 3^3 + 4^4 + 5^0 + 15^0 = 24 + 33 + 44 + 50 + 150 \\ 301 &:= 2^4 + 3^3 + 4^4 + 6^0 + 14^0 = 24 + 33 + 44 + 60 + 140 \\ 301 &:= 2^4 + 3^3 + 4^4 + 7^0 + 13^0 = 24 + 33 + 44 + 70 + 130 \end{aligned}$$

$$\begin{aligned}
 301 &:= 2^4 + 3^3 + 4^4 + 8^0 + 12^0 = 24 + 33 + 44 + 80 + 120 \\
 301 &:= 2^4 + 3^3 + 4^4 + 9^0 + 11^0 = 24 + 33 + 44 + 90 + 110 \\
 301 &:= 2^4 + 4^1 + 4^3 + 6^3 + 13^0 = 24 + 41 + 43 + 63 + 130 \\
 301 &:= 2^4 + 4^2 + 4^4 + 7^0 + 12^1 = 24 + 42 + 44 + 70 + 121 \\
 301 &:= 2^5 + 3^1 + 4^4 + 9^1 + 11^0 = 25 + 31 + 44 + 91 + 110 \\
 301 &:= 2^5 + 3^1 + 6^3 + 7^2 + 11^0 = 25 + 31 + 63 + 72 + 110 \\
 301 &:= 2^5 + 4^1 + 4^4 + 8^1 + 11^0 = 25 + 41 + 44 + 81 + 110 \\
 301 &:= 2^5 + 4^4 + 5^1 + 7^1 + 11^0 = 25 + 44 + 51 + 71 + 110 \\
 301 &:= 2^5 + 4^4 + 6^1 + 6^1 + 11^0 = 25 + 44 + 61 + 61 + 110 \\
 301 &:= 2^6 + 3^0 + 3^1 + 8^2 + 13^2 = 26 + 30 + 31 + 82 + 132 \\
 301 &:= 2^6 + 3^0 + 4^1 + 6^2 + 14^2 = 26 + 30 + 41 + 62 + 142 \\
 301 &:= 2^6 + 3^1 + 3^1 + 6^1 + 15^2 = 26 + 31 + 31 + 61 + 152 \\
 301 &:= 2^6 + 3^1 + 4^1 + 5^1 + 15^2 = 26 + 31 + 41 + 51 + 152 \\
 301 &:= 2^6 + 4^1 + 4^1 + 4^1 + 15^2 = 26 + 41 + 41 + 41 + 152 \\
 301 &:= 2^8 + 3^0 + 6^2 + 7^1 + 11^0 = 28 + 30 + 62 + 71 + 110 \\
 301 &:= 2^8 + 4^0 + 6^2 + 7^1 + 10^0 = 28 + 40 + 62 + 71 + 100 \\
 301 &:= 2^8 + 5^0 + 6^2 + 7^1 + 9^0 = 28 + 50 + 62 + 71 + 90 \\
 301 &:= 2^8 + 6^0 + 6^2 + 7^1 + 8^0 = 28 + 60 + 62 + 71 + 80 \\
 301 &:= 2^8 + 6^2 + 7^0 + 7^0 + 7^1 = 28 + 62 + 70 + 70 + 71 \\
 301 &:= 3^1 + 3^2 + 3^4 + 8^2 + 12^2 = 31 + 32 + 34 + 82 + 122
 \end{aligned}$$

$$\begin{aligned}
 301 &:= 3^1 + 3^5 + 4^2 + 5^2 + 14^1 = 31 + 35 + 42 + 52 + 141 \\
 301 &:= 3^1 + 4^3 + 4^3 + 7^2 + 11^2 = 31 + 43 + 43 + 72 + 112 \\
 301 &:= 3^2 + 3^2 + 3^4 + 6^1 + 14^2 = 32 + 32 + 34 + 61 + 142 \\
 301 &:= 3^2 + 3^3 + 4^3 + 5^1 + 14^2 = 32 + 33 + 43 + 51 + 142 \\
 301 &:= 3^2 + 4^2 + 4^2 + 4^3 + 14^2 = 32 + 42 + 42 + 43 + 142 \\
 301 &:= 3^3 + 3^3 + 5^3 + 7^0 + 11^2 = 33 + 33 + 53 + 70 + 112 \\
 301 &:= 3^3 + 3^5 + 4^2 + 5^0 + 14^1 = 33 + 35 + 42 + 50 + 141 \\
 301 &:= 3^3 + 3^5 + 5^1 + 5^2 + 13^0 = 33 + 35 + 51 + 52 + 130 \\
 301 &:= 3^3 + 4^1 + 5^3 + 8^2 + 9^2 = 33 + 41 + 53 + 82 + 92 \\
 301 &:= 3^5 + 4^1 + 4^2 + 5^2 + 13^1 = 35 + 41 + 42 + 52 + 131 \\
 301 &:= 3^5 + 4^2 + 4^2 + 5^2 + 13^0 = 35 + 42 + 42 + 52 + 130 \\
 301 &:= 3^5 + 4^2 + 5^1 + 5^2 + 12^1 = 35 + 42 + 51 + 52 + 121 \\
 301 &:= 3^5 + 4^2 + 5^2 + 6^1 + 11^1 = 35 + 42 + 52 + 61 + 111 \\
 301 &:= 3^5 + 4^2 + 5^2 + 7^1 + 10^1 = 35 + 42 + 52 + 71 + 101 \\
 301 &:= 3^5 + 4^2 + 5^2 + 8^1 + 9^1 = 35 + 42 + 52 + 81 + 91 \\
 301 &:= 4^1 + 4^3 + 4^3 + 5^2 + 12^2 = 41 + 43 + 43 + 52 + 122 \\
 301 &:= 4^2 + 5^2 + 5^3 + 5^3 + 10^1 = 42 + 52 + 53 + 53 + 101 \\
 301 &:= 4^3 + 5^2 + 5^3 + 6^1 + 9^2 = 43 + 52 + 53 + 61 + 92
 \end{aligned}$$

2.2.203 Number 302

$$\begin{aligned}
 302 &:= 2^8 + 3^2 + 6^2 + 18^0 = 28 + 32 + 62 + 180 \\
 302 &:= 2^8 + 3^3 + 6^0 + 18^1 = 28 + 33 + 60 + 181 \\
 302 &:= 1^0 + 2^5 + 3^5 + 5^2 + 18^0 = 10 + 25 + 35 + 52 + 180 \\
 302 &:= 1^0 + 2^8 + 3^3 + 6^0 + 17^1 = 10 + 28 + 33 + 60 + 171 \\
 302 &:= 1^1 + 2^0 + 2^8 + 5^2 + 19^1 = 11 + 20 + 28 + 52 + 191 \\
 302 &:= 1^1 + 2^8 + 6^2 + 8^1 + 12^0 = 11 + 28 + 62 + 81 + 120 \\
 302 &:= 1^2 + 1^9 + 2^8 + 5^2 + 19^1 = 12 + 19 + 28 + 52 + 191 \\
 302 &:= 1^2 + 2^3 + 3^5 + 7^2 + 16^0 = 12 + 23 + 35 + 72 + 160 \\
 302 &:= 1^2 + 2^5 + 4^4 + 10^0 + 12^1 = 12 + 25 + 44 + 100 + 121 \\
 302 &:= 1^2 + 2^7 + 3^1 + 10^0 + 13^2 = 12 + 27 + 31 + 100 + 132 \\
 302 &:= 1^3 + 1^8 + 2^8 + 5^2 + 19^1 = 13 + 18 + 28 + 52 + 191 \\
 302 &:= 1^3 + 2^3 + 4^4 + 6^2 + 16^0 = 13 + 23 + 44 + 62 + 160 \\
 302 &:= 1^4 + 1^7 + 2^8 + 5^2 + 19^1 = 14 + 17 + 28 + 52 + 191 \\
 302 &:= 1^4 + 3^1 + 3^4 + 6^3 + 16^0 = 14 + 31 + 34 + 63 + 160 \\
 302 &:= 1^4 + 3^3 + 4^0 + 4^4 + 17^1 = 14 + 33 + 40 + 44 + 171 \\
 302 &:= 1^4 + 3^5 + 7^2 + 8^1 + 10^0 = 14 + 35 + 72 + 81 + 100
 \end{aligned}$$

$$\begin{aligned}
 302 &:= 1^5 + 1^6 + 2^8 + 5^2 + 19^1 = 15 + 16 + 28 + 52 + 191 \\
 302 &:= 1^5 + 2^3 + 4^0 + 6^2 + 16^2 = 15 + 23 + 40 + 62 + 162 \\
 302 &:= 1^5 + 4^4 + 6^2 + 8^1 + 10^0 = 15 + 44 + 62 + 81 + 100 \\
 302 &:= 1^6 + 2^0 + 2^2 + 10^2 + 14^2 = 16 + 20 + 22 + 102 + 142 \\
 302 &:= 1^6 + 2^3 + 2^4 + 2^8 + 21^1 = 16 + 23 + 24 + 28 + 211 \\
 302 &:= 1^6 + 2^3 + 3^1 + 6^0 + 17^2 = 16 + 23 + 31 + 60 + 172 \\
 302 &:= 1^6 + 3^1 + 6^3 + 9^2 + 10^0 = 16 + 31 + 63 + 92 + 100 \\
 302 &:= 1^6 + 4^0 + 5^3 + 6^1 + 13^2 = 16 + 40 + 53 + 61 + 132 \\
 302 &:= 1^7 + 1^9 + 2^2 + 10^2 + 14^2 = 17 + 19 + 22 + 102 + 142 \\
 302 &:= 1^7 + 2^0 + 2^2 + 7^1 + 17^2 = 17 + 20 + 22 + 71 + 172 \\
 302 &:= 1^7 + 2^1 + 3^2 + 6^0 + 17^2 = 17 + 21 + 32 + 60 + 172 \\
 302 &:= 1^7 + 2^4 + 2^8 + 3^2 + 20^1 = 17 + 24 + 28 + 32 + 201 \\
 302 &:= 1^8 + 1^8 + 2^2 + 10^2 + 14^2 = 18 + 18 + 22 + 102 + 142 \\
 302 &:= 1^8 + 1^9 + 2^2 + 7^1 + 17^2 = 18 + 19 + 22 + 71 + 172 \\
 302 &:= 1^8 + 2^5 + 2^6 + 9^1 + 14^2 = 18 + 25 + 26 + 91 + 142 \\
 302 &:= 1^8 + 2^5 + 2^8 + 11^0 + 12^1 = 18 + 25 + 28 + 110 + 121
 \end{aligned}$$

$$\begin{aligned}
 302 &:= 1^9 + 2^3 + 2^8 + 6^2 + 17^0 = 19 + 23 + 28 + 62 + 170 \\
 302 &:= 2^0 + 2^1 + 2^8 + 5^2 + 18^1 = 20 + 21 + 28 + 52 + 181 \\
 302 &:= 2^0 + 2^2 + 2^6 + 6^3 + 17^1 = 20 + 22 + 26 + 63 + 171 \\
 302 &:= 2^0 + 2^4 + 2^4 + 10^2 + 13^2 = 20 + 24 + 24 + 102 + 132 \\
 302 &:= 2^0 + 2^4 + 3^5 + 5^2 + 17^1 = 20 + 24 + 35 + 52 + 171 \\
 302 &:= 2^0 + 2^5 + 3^3 + 11^2 + 11^2 = 20 + 25 + 33 + 112 + 112 \\
 302 &:= 2^0 + 2^5 + 3^5 + 5^2 + 17^0 = 20 + 25 + 35 + 52 + 170 \\
 302 &:= 2^0 + 2^6 + 4^2 + 10^2 + 11^2 = 20 + 26 + 42 + 102 + 112 \\
 302 &:= 2^0 + 2^8 + 3^1 + 5^2 + 17^1 = 20 + 28 + 31 + 52 + 171 \\
 302 &:= 2^0 + 2^8 + 3^3 + 5^0 + 17^1 = 20 + 28 + 33 + 50 + 171 \\
 302 &:= 2^0 + 2^8 + 4^1 + 5^2 + 16^1 = 20 + 28 + 41 + 52 + 161 \\
 302 &:= 2^0 + 2^8 + 5^1 + 5^2 + 15^1 = 20 + 28 + 51 + 52 + 151 \\
 302 &:= 2^0 + 2^8 + 5^2 + 10^1 + 10^1 = 20 + 28 + 52 + 101 + 101 \\
 302 &:= 2^0 + 2^8 + 5^2 + 6^1 + 14^1 = 20 + 28 + 52 + 61 + 141 \\
 302 &:= 2^0 + 2^8 + 5^2 + 7^1 + 13^1 = 20 + 28 + 52 + 71 + 131 \\
 302 &:= 2^0 + 2^8 + 5^2 + 8^1 + 12^1 = 20 + 28 + 52 + 81 + 121 \\
 302 &:= 2^0 + 2^8 + 5^2 + 9^1 + 11^1 = 20 + 28 + 52 + 91 + 111 \\
 302 &:= 2^1 + 2^4 + 3^3 + 4^4 + 18^0 = 21 + 24 + 33 + 44 + 180 \\
 302 &:= 2^1 + 2^8 + 6^2 + 7^1 + 12^0 = 21 + 28 + 62 + 71 + 120 \\
 302 &:= 2^2 + 2^4 + 4^4 + 5^2 + 16^0 = 22 + 24 + 44 + 52 + 160 \\
 302 &:= 2^2 + 2^5 + 4^4 + 9^1 + 12^0 = 22 + 25 + 44 + 91 + 120 \\
 302 &:= 2^2 + 2^5 + 6^3 + 7^2 + 12^0 = 22 + 25 + 63 + 72 + 120 \\
 302 &:= 2^2 + 2^6 + 4^0 + 8^2 + 13^2 = 22 + 26 + 40 + 82 + 132 \\
 302 &:= 2^3 + 2^5 + 4^0 + 6^2 + 15^2 = 23 + 25 + 40 + 62 + 152 \\
 302 &:= 2^3 + 2^6 + 4^1 + 6^0 + 15^2 = 23 + 26 + 41 + 60 + 152
 \end{aligned}$$

$$\begin{aligned}
 302 &:= 2^3 + 3^5 + 5^2 + 5^2 + 14^0 = 23 + 35 + 52 + 52 + 140 \\
 302 &:= 2^4 + 3^5 + 6^1 + 6^2 + 12^0 = 24 + 35 + 61 + 62 + 120 \\
 302 &:= 2^5 + 3^0 + 3^5 + 5^2 + 16^0 = 25 + 30 + 35 + 52 + 160 \\
 302 &:= 2^5 + 3^2 + 4^1 + 4^4 + 16^0 = 25 + 32 + 41 + 44 + 160 \\
 302 &:= 2^5 + 3^2 + 4^3 + 6^0 + 14^2 = 25 + 32 + 43 + 60 + 142 \\
 302 &:= 2^5 + 3^5 + 4^0 + 5^2 + 15^0 = 25 + 35 + 40 + 52 + 150 \\
 302 &:= 2^5 + 3^5 + 5^0 + 5^2 + 14^0 = 25 + 35 + 50 + 52 + 140 \\
 302 &:= 2^5 + 3^5 + 5^2 + 6^0 + 13^0 = 25 + 35 + 52 + 60 + 130 \\
 302 &:= 2^5 + 3^5 + 5^2 + 7^0 + 12^0 = 25 + 35 + 52 + 70 + 120 \\
 302 &:= 2^5 + 3^5 + 5^2 + 8^0 + 11^0 = 25 + 35 + 52 + 80 + 110 \\
 302 &:= 2^5 + 3^5 + 5^2 + 9^0 + 10^0 = 25 + 35 + 52 + 90 + 100 \\
 302 &:= 2^5 + 4^0 + 4^3 + 6^2 + 13^2 = 25 + 40 + 43 + 62 + 132 \\
 302 &:= 2^6 + 3^2 + 6^0 + 6^3 + 12^1 = 26 + 32 + 60 + 63 + 121 \\
 302 &:= 2^6 + 4^0 + 4^2 + 5^2 + 14^2 = 26 + 40 + 42 + 52 + 142 \\
 302 &:= 2^6 + 4^1 + 4^3 + 6^0 + 13^2 = 26 + 41 + 43 + 60 + 132 \\
 302 &:= 2^6 + 4^2 + 5^1 + 6^3 + 12^0 = 26 + 42 + 51 + 63 + 120 \\
 302 &:= 2^7 + 3^1 + 6^0 + 7^2 + 11^2 = 27 + 31 + 60 + 72 + 112 \\
 302 &:= 2^7 + 4^1 + 5^2 + 6^0 + 12^2 = 27 + 41 + 52 + 60 + 122 \\
 302 &:= 2^8 + 3^0 + 3^3 + 4^0 + 17^1 = 28 + 30 + 33 + 40 + 171 \\
 302 &:= 2^8 + 3^1 + 6^1 + 6^2 + 12^0 = 28 + 31 + 61 + 62 + 120 \\
 302 &:= 2^8 + 4^1 + 5^1 + 6^2 + 12^0 = 28 + 41 + 51 + 62 + 120 \\
 302 &:= 3^3 + 3^3 + 3^5 + 4^1 + 16^0 = 33 + 33 + 35 + 41 + 160 \\
 302 &:= 3^4 + 3^4 + 4^0 + 5^3 + 14^1 = 34 + 34 + 40 + 53 + 141
 \end{aligned}$$

2.2.204 Number 303

$$\begin{aligned}
 303 &:= 1^2 + 2^8 + 5^2 + 21^1 = 12 + 28 + 52 + 211 \\
 303 &:= 1^7 + 5^2 + 9^2 + 14^2 = 17 + 52 + 92 + 142 \\
 303 &:= 1^8 + 2^2 + 9^1 + 17^2 = 18 + 22 + 91 + 172 \\
 303 &:= 2^5 + 3^3 + 3^5 + 21^0 = 25 + 33 + 35 + 210 \\
 303 &:= 1^0 + 1^2 + 2^8 + 5^2 + 20^1 = 10 + 12 + 28 + 52 + 201 \\
 303 &:= 1^0 + 1^8 + 2^2 + 8^1 + 17^2 = 10 + 18 + 22 + 81 + 172 \\
 303 &:= 1^1 + 1^1 + 2^8 + 5^2 + 20^1 = 11 + 11 + 28 + 52 + 201 \\
 303 &:= 1^1 + 1^7 + 2^2 + 8^1 + 17^2 = 11 + 17 + 22 + 81 + 172 \\
 303 &:= 1^1 + 2^1 + 2^8 + 5^2 + 19^1 = 11 + 21 + 28 + 52 + 191 \\
 303 &:= 1^1 + 2^2 + 2^6 + 6^3 + 18^1 = 11 + 22 + 26 + 63 + 181 \\
 303 &:= 1^1 + 2^4 + 3^5 + 5^2 + 18^1 = 11 + 24 + 35 + 52 + 181
 \end{aligned}$$

$$\begin{aligned}
 303 &:= 1^1 + 2^6 + 6^2 + 9^2 + 11^2 = 11 + 26 + 62 + 92 + 112 \\
 303 &:= 1^1 + 2^8 + 3^1 + 5^2 + 18^1 = 11 + 28 + 31 + 52 + 181 \\
 303 &:= 1^1 + 2^8 + 3^2 + 6^2 + 17^0 = 11 + 28 + 32 + 62 + 170 \\
 303 &:= 1^1 + 2^8 + 3^3 + 5^0 + 18^1 = 11 + 28 + 33 + 50 + 181 \\
 303 &:= 1^1 + 2^8 + 4^1 + 5^2 + 17^1 = 11 + 28 + 41 + 52 + 171 \\
 303 &:= 1^1 + 2^8 + 5^1 + 5^2 + 16^1 = 11 + 28 + 51 + 52 + 161 \\
 303 &:= 1^1 + 2^8 + 5^2 + 10^1 + 11^1 = 11 + 28 + 52 + 101 + 111 \\
 303 &:= 1^1 + 2^8 + 5^2 + 6^1 + 15^1 = 11 + 28 + 52 + 61 + 151 \\
 303 &:= 1^1 + 2^8 + 5^2 + 7^1 + 14^1 = 11 + 28 + 52 + 71 + 141 \\
 303 &:= 1^1 + 2^8 + 5^2 + 8^1 + 13^1 = 11 + 28 + 52 + 81 + 131 \\
 303 &:= 1^1 + 2^8 + 5^2 + 9^1 + 12^1 = 11 + 28 + 52 + 91 + 121
 \end{aligned}$$

$$\begin{aligned} 303 &:= 1^2 + 1^6 + 2^2 + 8^1 + 17^2 = 12 + 16 + 22 + 81 + 172 \\ 303 &:= 1^2 + 2^2 + 2^6 + 9^1 + 15^2 = 12 + 22 + 26 + 91 + 152 \\ 303 &:= 1^2 + 2^2 + 2^7 + 11^0 + 13^2 = 12 + 22 + 27 + 110 + 132 \\ 303 &:= 1^2 + 2^4 + 3^4 + 9^1 + 14^2 = 12 + 24 + 34 + 91 + 142 \\ 303 &:= 1^2 + 2^5 + 5^2 + 7^2 + 14^2 = 12 + 25 + 52 + 72 + 142 \\ 303 &:= 1^2 + 2^6 + 5^1 + 8^2 + 13^2 = 12 + 26 + 51 + 82 + 132 \\ 303 &:= 1^2 + 2^6 + 6^1 + 6^2 + 14^2 = 12 + 26 + 61 + 62 + 142 \\ 303 &:= 1^2 + 2^8 + 6^2 + 9^1 + 11^0 = 12 + 28 + 62 + 91 + 110 \\ 303 &:= 1^3 + 1^5 + 2^2 + 8^1 + 17^2 = 13 + 15 + 22 + 81 + 172 \\ 303 &:= 1^3 + 2^4 + 3^2 + 9^2 + 14^2 = 13 + 24 + 32 + 92 + 142 \\ 303 &:= 1^3 + 2^4 + 5^2 + 6^2 + 15^2 = 13 + 24 + 52 + 62 + 152 \\ 303 &:= 1^3 + 2^5 + 4^4 + 9^0 + 13^1 = 13 + 25 + 44 + 90 + 131 \\ 303 &:= 1^3 + 2^5 + 5^3 + 9^0 + 12^2 = 13 + 25 + 53 + 90 + 122 \\ 303 &:= 1^3 + 2^7 + 4^1 + 9^0 + 13^2 = 13 + 27 + 41 + 90 + 132 \\ 303 &:= 1^3 + 3^4 + 6^2 + 8^2 + 11^2 = 13 + 34 + 62 + 82 + 112 \\ 303 &:= 1^4 + 1^4 + 2^2 + 8^1 + 17^2 = 14 + 14 + 22 + 81 + 172 \\ 303 &:= 1^4 + 2^2 + 2^3 + 11^2 + 13^2 = 14 + 22 + 23 + 112 + 132 \\ 303 &:= 1^4 + 2^2 + 3^4 + 6^3 + 17^0 = 14 + 22 + 34 + 63 + 170 \\ 303 &:= 1^4 + 2^2 + 4^4 + 5^2 + 17^1 = 14 + 22 + 44 + 52 + 171 \\ 303 &:= 1^4 + 2^4 + 5^1 + 5^2 + 16^2 = 14 + 24 + 51 + 52 + 162 \\ 303 &:= 1^4 + 2^5 + 3^0 + 10^2 + 13^2 = 14 + 25 + 30 + 102 + 132 \\ 303 &:= 1^4 + 3^2 + 3^5 + 7^2 + 15^0 = 14 + 32 + 35 + 72 + 150 \\ 303 &:= 1^4 + 3^3 + 5^2 + 5^2 + 15^2 = 14 + 33 + 52 + 52 + 152 \\ 303 &:= 1^4 + 5^3 + 7^2 + 8^2 + 8^2 = 14 + 53 + 72 + 82 + 82 \\ 303 &:= 1^5 + 2^2 + 3^2 + 8^2 + 15^2 = 15 + 22 + 32 + 82 + 152 \\ 303 &:= 1^5 + 3^0 + 3^3 + 4^4 + 18^1 = 15 + 30 + 33 + 44 + 181 \\ 303 &:= 1^5 + 3^2 + 4^4 + 6^2 + 15^0 = 15 + 32 + 44 + 62 + 150 \\ 303 &:= 1^5 + 3^4 + 4^1 + 6^3 + 15^0 = 15 + 34 + 41 + 63 + 150 \\ 303 &:= 1^5 + 3^5 + 7^2 + 9^0 + 9^1 = 15 + 35 + 72 + 90 + 91 \\ 303 &:= 1^6 + 2^1 + 2^2 + 10^2 + 14^2 = 16 + 21 + 22 + 102 + 142 \\ 303 &:= 1^6 + 2^2 + 2^3 + 7^0 + 17^2 = 16 + 22 + 23 + 70 + 172 \\ 303 &:= 1^6 + 2^2 + 6^3 + 9^2 + 11^0 = 16 + 22 + 63 + 92 + 110 \\ 303 &:= 1^6 + 3^0 + 3^3 + 7^2 + 15^2 = 16 + 30 + 33 + 72 + 152 \\ 303 &:= 1^6 + 4^4 + 6^2 + 9^0 + 9^1 = 16 + 44 + 62 + 90 + 91 \\ 303 &:= 1^6 + 6^2 + 6^3 + 7^2 + 9^0 = 16 + 62 + 63 + 72 + 90 \\ 303 &:= 1^7 + 2^1 + 2^2 + 7^1 + 17^2 = 17 + 21 + 22 + 71 + 172 \\ 303 &:= 1^7 + 2^2 + 3^1 + 6^1 + 17^2 = 17 + 22 + 31 + 61 + 172 \\ 303 &:= 1^7 + 2^2 + 4^1 + 5^1 + 17^2 = 17 + 22 + 41 + 51 + 172 \end{aligned}$$

$$\begin{aligned} 303 &:= 1^7 + 2^3 + 4^1 + 5^0 + 17^2 = 17 + 23 + 41 + 50 + 172 \\ 303 &:= 1^7 + 3^0 + 3^2 + 6^2 + 16^2 = 17 + 30 + 32 + 62 + 162 \\ 303 &:= 1^7 + 3^0 + 5^3 + 7^1 + 13^2 = 17 + 30 + 53 + 71 + 132 \\ 303 &:= 1^7 + 4^1 + 6^3 + 9^0 + 9^2 = 17 + 41 + 63 + 90 + 92 \\ 303 &:= 1^8 + 3^1 + 3^2 + 5^0 + 17^2 = 18 + 31 + 32 + 50 + 172 \\ 303 &:= 1^9 + 2^5 + 2^8 + 10^0 + 13^1 = 19 + 25 + 28 + 100 + 131 \\ 303 &:= 2^1 + 2^1 + 2^8 + 5^2 + 18^1 = 21 + 21 + 28 + 52 + 181 \\ 303 &:= 2^1 + 2^2 + 2^6 + 6^3 + 17^1 = 21 + 22 + 26 + 63 + 171 \\ 303 &:= 2^1 + 2^4 + 2^4 + 10^2 + 13^2 = 21 + 24 + 24 + 102 + 132 \\ 303 &:= 2^1 + 2^4 + 3^5 + 5^2 + 17^1 = 21 + 24 + 35 + 52 + 171 \\ 303 &:= 2^1 + 2^5 + 3^3 + 11^2 + 11^2 = 21 + 25 + 33 + 112 + 112 \\ 303 &:= 2^1 + 2^5 + 3^5 + 5^2 + 17^0 = 21 + 25 + 35 + 52 + 170 \\ 303 &:= 2^1 + 2^6 + 4^2 + 10^2 + 11^2 = 21 + 26 + 42 + 102 + 112 \\ 303 &:= 2^1 + 2^8 + 3^1 + 5^2 + 17^1 = 21 + 28 + 31 + 52 + 171 \\ 303 &:= 2^1 + 2^8 + 3^3 + 5^0 + 17^1 = 21 + 28 + 33 + 50 + 171 \\ 303 &:= 2^1 + 2^8 + 4^1 + 5^2 + 16^1 = 21 + 28 + 41 + 52 + 161 \\ 303 &:= 2^1 + 2^8 + 5^1 + 5^2 + 15^1 = 21 + 28 + 51 + 52 + 151 \\ 303 &:= 2^1 + 2^8 + 5^2 + 10^1 + 10^1 = 21 + 28 + 52 + 101 + 101 \\ 303 &:= 2^1 + 2^8 + 5^2 + 6^1 + 14^1 = 21 + 28 + 52 + 61 + 141 \\ 303 &:= 2^1 + 2^8 + 5^2 + 7^1 + 13^1 = 21 + 28 + 52 + 71 + 131 \\ 303 &:= 2^1 + 2^8 + 5^2 + 8^1 + 12^1 = 21 + 28 + 52 + 81 + 121 \\ 303 &:= 2^1 + 2^8 + 5^2 + 9^1 + 11^1 = 21 + 28 + 52 + 91 + 111 \\ 303 &:= 2^2 + 2^4 + 3^2 + 4^4 + 18^1 = 22 + 24 + 32 + 44 + 181 \\ 303 &:= 2^2 + 2^5 + 4^3 + 7^1 + 14^2 = 22 + 25 + 43 + 71 + 142 \\ 303 &:= 2^2 + 2^6 + 3^1 + 6^3 + 16^1 = 22 + 26 + 31 + 63 + 161 \\ 303 &:= 2^2 + 2^6 + 4^1 + 6^3 + 15^1 = 22 + 26 + 41 + 63 + 151 \\ 303 &:= 2^2 + 2^6 + 5^1 + 6^3 + 14^1 = 22 + 26 + 51 + 63 + 141 \\ 303 &:= 2^2 + 2^6 + 6^1 + 6^3 + 13^1 = 22 + 26 + 61 + 63 + 131 \\ 303 &:= 2^2 + 2^6 + 6^3 + 7^1 + 12^1 = 22 + 26 + 63 + 71 + 121 \\ 303 &:= 2^2 + 2^6 + 6^3 + 8^1 + 11^1 = 22 + 26 + 63 + 81 + 111 \\ 303 &:= 2^2 + 2^6 + 6^3 + 9^1 + 10^1 = 22 + 26 + 63 + 91 + 101 \\ 303 &:= 2^2 + 2^7 + 7^0 + 7^2 + 11^2 = 22 + 27 + 70 + 72 + 112 \\ 303 &:= 2^2 + 2^8 + 3^0 + 5^2 + 17^1 = 22 + 28 + 30 + 52 + 171 \\ 303 &:= 2^2 + 2^8 + 6^1 + 6^2 + 13^0 = 22 + 28 + 61 + 62 + 130 \\ 303 &:= 2^3 + 2^3 + 3^3 + 8^2 + 14^2 = 23 + 23 + 33 + 82 + 142 \\ 303 &:= 2^3 + 2^5 + 3^1 + 8^2 + 14^2 = 23 + 25 + 31 + 82 + 142 \\ 303 &:= 2^3 + 2^5 + 4^4 + 6^1 + 15^0 = 23 + 25 + 44 + 61 + 150 \\ 303 &:= 2^3 + 2^6 + 5^0 + 6^3 + 14^1 = 23 + 26 + 50 + 63 + 141 \end{aligned}$$

$$\begin{aligned}
 303 &:= 2^4 + 2^4 + 3^2 + 6^1 + 16^2 = 24 + 24 + 32 + 61 + 162 \\
 303 &:= 2^4 + 2^4 + 4^4 + 7^0 + 14^1 = 24 + 24 + 44 + 70 + 141 \\
 303 &:= 2^4 + 3^1 + 3^5 + 5^2 + 16^1 = 24 + 31 + 35 + 52 + 161 \\
 303 &:= 2^4 + 3^3 + 3^5 + 5^0 + 16^1 = 24 + 33 + 35 + 50 + 161 \\
 303 &:= 2^4 + 3^4 + 4^1 + 9^2 + 11^2 = 24 + 34 + 41 + 92 + 112 \\
 303 &:= 2^4 + 3^5 + 4^1 + 5^2 + 15^1 = 24 + 35 + 41 + 52 + 151 \\
 303 &:= 2^4 + 3^5 + 5^1 + 5^2 + 14^1 = 24 + 35 + 51 + 52 + 141 \\
 303 &:= 2^4 + 3^5 + 5^2 + 6^1 + 13^1 = 24 + 35 + 52 + 61 + 131 \\
 303 &:= 2^4 + 3^5 + 5^2 + 7^1 + 12^1 = 24 + 35 + 52 + 71 + 121 \\
 303 &:= 2^4 + 3^5 + 5^2 + 8^1 + 11^1 = 24 + 35 + 52 + 81 + 111 \\
 303 &:= 2^4 + 3^5 + 5^2 + 9^1 + 10^1 = 24 + 35 + 52 + 91 + 101 \\
 303 &:= 2^4 + 5^2 + 5^3 + 5^3 + 12^1 = 24 + 52 + 53 + 53 + 121 \\
 303 &:= 2^4 + 5^3 + 7^2 + 7^2 + 8^2 = 24 + 53 + 72 + 72 + 82 \\
 303 &:= 2^5 + 3^0 + 3^2 + 3^5 + 18^1 = 25 + 30 + 32 + 35 + 181 \\
 303 &:= 2^5 + 3^5 + 4^2 + 9^0 + 11^1 = 25 + 35 + 42 + 90 + 111 \\
 303 &:= 2^5 + 4^3 + 5^3 + 9^0 + 9^2 = 25 + 43 + 53 + 90 + 92 \\
 303 &:= 2^6 + 5^3 + 7^0 + 7^2 + 8^2 = 26 + 53 + 70 + 72 + 82 \\
 303 &:= 2^7 + 3^0 + 4^3 + 10^1 + 10^2 = 27 + 30 + 43 + 101 + 102 \\
 303 &:= 2^7 + 3^0 + 5^3 + 6^2 + 13^1 = 27 + 30 + 53 + 62 + 131 \\
 303 &:= 2^7 + 3^1 + 3^3 + 9^0 + 12^2 = 27 + 31 + 33 + 90 + 122 \\
 303 &:= 2^7 + 5^0 + 5^2 + 7^2 + 10^2 = 27 + 50 + 52 + 72 + 102 \\
 303 &:= 2^8 + 3^1 + 3^1 + 5^2 + 16^1 = 28 + 31 + 31 + 52 + 161 \\
 303 &:= 2^8 + 3^1 + 3^3 + 5^0 + 16^1 = 28 + 31 + 33 + 50 + 161 \\
 303 &:= 2^8 + 3^1 + 4^1 + 5^2 + 15^1 = 28 + 31 + 41 + 52 + 151 \\
 303 &:= 2^8 + 3^1 + 5^1 + 5^2 + 14^1 = 28 + 31 + 51 + 52 + 141 \\
 303 &:= 2^8 + 3^1 + 5^2 + 6^1 + 13^1 = 28 + 31 + 52 + 61 + 131 \\
 303 &:= 2^8 + 3^1 + 5^2 + 7^1 + 12^1 = 28 + 31 + 52 + 71 + 121 \\
 303 &:= 2^8 + 3^1 + 5^2 + 8^1 + 11^1 = 28 + 31 + 52 + 81 + 111
 \end{aligned}$$

$$\begin{aligned}
 303 &:= 2^8 + 3^1 + 5^2 + 9^1 + 10^1 = 28 + 31 + 52 + 91 + 101 \\
 303 &:= 2^8 + 3^2 + 5^2 + 7^0 + 12^1 = 28 + 32 + 52 + 70 + 121 \\
 303 &:= 2^8 + 3^3 + 4^1 + 5^0 + 15^1 = 28 + 33 + 41 + 50 + 151 \\
 303 &:= 2^8 + 3^3 + 5^0 + 5^1 + 14^1 = 28 + 33 + 50 + 51 + 141 \\
 303 &:= 2^8 + 3^3 + 5^0 + 6^1 + 13^1 = 28 + 33 + 50 + 61 + 131 \\
 303 &:= 2^8 + 3^3 + 5^0 + 7^1 + 12^1 = 28 + 33 + 50 + 71 + 121 \\
 303 &:= 2^8 + 3^3 + 5^0 + 8^1 + 11^1 = 28 + 33 + 50 + 81 + 111 \\
 303 &:= 2^8 + 3^3 + 5^0 + 9^1 + 10^1 = 28 + 33 + 50 + 91 + 101 \\
 303 &:= 2^8 + 4^1 + 4^1 + 5^2 + 14^1 = 28 + 41 + 41 + 52 + 141 \\
 303 &:= 2^8 + 4^1 + 5^1 + 5^2 + 13^1 = 28 + 41 + 51 + 52 + 131 \\
 303 &:= 2^8 + 4^1 + 5^2 + 6^1 + 12^1 = 28 + 41 + 52 + 61 + 121 \\
 303 &:= 2^8 + 4^1 + 5^2 + 7^1 + 11^1 = 28 + 41 + 52 + 71 + 111 \\
 303 &:= 2^8 + 4^1 + 5^2 + 8^1 + 10^1 = 28 + 41 + 52 + 81 + 101 \\
 303 &:= 2^8 + 4^1 + 5^2 + 9^1 + 9^1 = 28 + 41 + 52 + 91 + 91 \\
 303 &:= 2^8 + 4^2 + 4^2 + 5^0 + 14^1 = 28 + 42 + 42 + 50 + 141 \\
 303 &:= 2^8 + 4^2 + 5^1 + 5^2 + 13^0 = 28 + 42 + 51 + 52 + 130 \\
 303 &:= 2^8 + 5^1 + 5^1 + 5^2 + 12^1 = 28 + 51 + 51 + 52 + 121 \\
 303 &:= 2^8 + 5^1 + 5^2 + 6^1 + 11^1 = 28 + 51 + 52 + 61 + 111 \\
 303 &:= 2^8 + 5^1 + 5^2 + 7^1 + 10^1 = 28 + 51 + 52 + 71 + 101 \\
 303 &:= 2^8 + 5^1 + 5^2 + 8^1 + 9^1 = 28 + 51 + 52 + 81 + 91 \\
 303 &:= 2^8 + 5^2 + 6^1 + 6^1 + 10^1 = 28 + 52 + 61 + 61 + 101 \\
 303 &:= 2^8 + 5^2 + 6^1 + 7^1 + 9^1 = 28 + 52 + 61 + 71 + 91 \\
 303 &:= 2^8 + 5^2 + 6^1 + 8^1 + 8^1 = 28 + 52 + 61 + 81 + 81 \\
 303 &:= 2^8 + 5^2 + 7^1 + 7^1 + 8^1 = 28 + 52 + 71 + 71 + 81 \\
 303 &:= 3^3 + 3^3 + 4^3 + 8^2 + 11^2 = 33 + 33 + 43 + 82 + 112 \\
 303 &:= 3^3 + 3^4 + 5^2 + 7^2 + 11^2 = 33 + 34 + 52 + 72 + 112
 \end{aligned}$$

2.2.205 Number 304

$$\begin{aligned}
 304 &:= 2^5 + 2^8 + 10^0 + 15^1 = 25 + 28 + 100 + 151 \\
 304 &:= 1^0 + 2^5 + 2^8 + 10^0 + 14^1 = 10 + 25 + 28 + 100 + 141 \\
 304 &:= 1^1 + 2^5 + 3^3 + 3^5 + 20^0 = 11 + 25 + 33 + 35 + 200 \\
 304 &:= 1^2 + 2^7 + 5^3 + 7^2 + 14^0 = 12 + 27 + 53 + 72 + 140 \\
 304 &:= 1^2 + 2^8 + 3^3 + 4^0 + 19^1 = 12 + 28 + 33 + 40 + 191 \\
 304 &:= 1^3 + 2^8 + 6^2 + 10^0 + 10^1 = 13 + 28 + 62 + 100 + 101 \\
 304 &:= 1^4 + 2^5 + 4^4 + 8^0 + 14^1 = 14 + 25 + 44 + 80 + 141 \\
 304 &:= 1^4 + 2^7 + 5^1 + 8^0 + 13^2 = 14 + 27 + 51 + 80 + 132
 \end{aligned}$$

$$\begin{aligned}
 304 &:= 1^6 + 2^0 + 3^3 + 4^4 + 19^1 = 16 + 20 + 33 + 44 + 191 \\
 304 &:= 1^6 + 2^3 + 5^3 + 8^0 + 13^2 = 16 + 23 + 53 + 80 + 132 \\
 304 &:= 1^6 + 2^7 + 2^7 + 3^3 + 20^1 = 16 + 27 + 27 + 33 + 201 \\
 304 &:= 1^6 + 3^4 + 4^0 + 10^2 + 11^2 = 16 + 34 + 40 + 102 + 112 \\
 304 &:= 1^6 + 3^4 + 5^1 + 6^3 + 14^0 = 16 + 34 + 51 + 63 + 140 \\
 304 &:= 1^6 + 3^4 + 5^2 + 6^0 + 14^2 = 16 + 34 + 52 + 60 + 142 \\
 304 &:= 1^6 + 3^5 + 7^2 + 8^0 + 10^1 = 16 + 35 + 72 + 80 + 101 \\
 304 &:= 1^7 + 1^9 + 3^3 + 4^4 + 19^1 = 17 + 19 + 33 + 44 + 191
 \end{aligned}$$

$$\begin{aligned}
 304 &:= 1^7 + 4^4 + 6^2 + 8^0 + 10^1 = 17 + 44 + 62 + 80 + 101 \\
 304 &:= 1^8 + 1^8 + 3^3 + 4^4 + 19^1 = 18 + 18 + 33 + 44 + 191 \\
 304 &:= 1^8 + 2^0 + 5^3 + 8^1 + 13^2 = 18 + 20 + 53 + 81 + 132 \\
 304 &:= 1^8 + 2^2 + 3^2 + 6^0 + 17^2 = 18 + 22 + 32 + 60 + 172 \\
 304 &:= 1^8 + 2^3 + 4^0 + 5^1 + 17^2 = 18 + 23 + 40 + 51 + 172 \\
 304 &:= 1^8 + 2^5 + 2^7 + 5^3 + 18^1 = 18 + 25 + 27 + 53 + 181 \\
 304 &:= 1^8 + 5^1 + 6^3 + 8^0 + 9^2 = 18 + 51 + 63 + 80 + 92 \\
 304 &:= 1^9 + 1^9 + 5^3 + 8^1 + 13^2 = 19 + 19 + 53 + 81 + 132 \\
 304 &:= 1^9 + 3^2 + 4^0 + 4^1 + 17^2 = 19 + 32 + 40 + 41 + 172 \\
 304 &:= 2^0 + 2^3 + 2^5 + 3^5 + 20^1 = 20 + 23 + 25 + 35 + 201 \\
 304 &:= 2^0 + 2^5 + 2^8 + 9^0 + 14^1 = 20 + 25 + 28 + 90 + 141 \\
 304 &:= 2^0 + 2^7 + 3^4 + 9^2 + 13^1 = 20 + 27 + 34 + 92 + 131 \\
 304 &:= 2^2 + 2^7 + 3^3 + 10^0 + 12^2 = 22 + 27 + 33 + 100 + 122
 \end{aligned}$$

$$\begin{aligned}
 304 &:= 2^2 + 2^8 + 3^3 + 6^0 + 16^1 = 22 + 28 + 33 + 60 + 161 \\
 304 &:= 2^3 + 2^4 + 3^5 + 6^2 + 16^0 = 23 + 24 + 35 + 62 + 160 \\
 304 &:= 2^3 + 2^8 + 3^1 + 6^2 + 16^0 = 23 + 28 + 31 + 62 + 160 \\
 304 &:= 2^3 + 2^8 + 5^2 + 6^0 + 14^1 = 23 + 28 + 52 + 60 + 141 \\
 304 &:= 2^4 + 2^6 + 6^3 + 7^1 + 12^0 = 24 + 26 + 63 + 71 + 120 \\
 304 &:= 2^5 + 2^8 + 3^0 + 8^0 + 14^1 = 25 + 28 + 30 + 80 + 141 \\
 304 &:= 2^5 + 2^8 + 4^0 + 7^0 + 14^1 = 25 + 28 + 40 + 70 + 141 \\
 304 &:= 2^5 + 2^8 + 5^0 + 6^0 + 14^1 = 25 + 28 + 50 + 60 + 141 \\
 304 &:= 2^7 + 5^2 + 5^2 + 5^3 + 12^0 = 27 + 52 + 52 + 53 + 120 \\
 304 &:= 2^8 + 3^2 + 3^3 + 10^0 + 11^1 = 28 + 32 + 33 + 100 + 111 \\
 304 &:= 2^8 + 3^3 + 4^1 + 4^2 + 16^0 = 28 + 33 + 41 + 42 + 160
 \end{aligned}$$

2.2.206 Number 305

$$\begin{aligned}
 305 &:= 1^7 + 3^3 + 4^4 + 21^1 = 17 + 33 + 44 + 211 \\
 305 &:= 1^9 + 4^2 + 12^2 + 12^2 = 19 + 42 + 122 + 122 \\
 305 &:= 1^9 + 5^3 + 10^1 + 13^2 = 19 + 53 + 101 + 132 \\
 305 &:= 2^5 + 2^8 + 4^2 + 21^0 = 25 + 28 + 42 + 210 \\
 305 &:= 3^2 + 4^0 + 6^1 + 17^2 = 32 + 40 + 61 + 172 \\
 305 &:= 1^0 + 1^7 + 3^3 + 4^4 + 20^1 = 10 + 17 + 33 + 44 + 201 \\
 305 &:= 1^0 + 1^9 + 5^3 + 9^1 + 13^2 = 10 + 19 + 53 + 91 + 132 \\
 305 &:= 1^0 + 3^2 + 4^0 + 5^1 + 17^2 = 10 + 32 + 40 + 51 + 172 \\
 305 &:= 1^1 + 1^6 + 3^3 + 4^4 + 20^1 = 11 + 16 + 33 + 44 + 201 \\
 305 &:= 1^1 + 1^8 + 5^3 + 9^1 + 13^2 = 11 + 18 + 53 + 91 + 132 \\
 305 &:= 1^1 + 2^3 + 2^5 + 3^5 + 21^1 = 11 + 23 + 25 + 35 + 211 \\
 305 &:= 1^1 + 2^5 + 2^8 + 9^0 + 15^1 = 11 + 25 + 28 + 90 + 151 \\
 305 &:= 1^1 + 2^7 + 3^4 + 9^2 + 14^1 = 11 + 27 + 34 + 92 + 141 \\
 305 &:= 1^2 + 1^5 + 3^3 + 4^4 + 20^1 = 12 + 15 + 33 + 44 + 201 \\
 305 &:= 1^2 + 1^7 + 5^3 + 9^1 + 13^2 = 12 + 17 + 53 + 91 + 132 \\
 305 &:= 1^2 + 2^2 + 2^8 + 5^2 + 19^1 = 12 + 22 + 28 + 52 + 191 \\
 305 &:= 1^2 + 2^5 + 3^2 + 3^5 + 20^1 = 12 + 25 + 32 + 35 + 201 \\
 305 &:= 1^2 + 2^7 + 4^3 + 10^2 + 12^1 = 12 + 27 + 43 + 102 + 121 \\
 305 &:= 1^2 + 2^7 + 5^3 + 6^2 + 15^1 = 12 + 27 + 53 + 62 + 151 \\
 305 &:= 1^3 + 1^4 + 3^3 + 4^4 + 20^1 = 13 + 14 + 33 + 44 + 201 \\
 305 &:= 1^3 + 1^6 + 5^3 + 9^1 + 13^2 = 13 + 16 + 53 + 91 + 132 \\
 305 &:= 1^3 + 2^8 + 3^0 + 3^3 + 20^1 = 13 + 28 + 30 + 33 + 201 \\
 305 &:= 1^3 + 3^4 + 3^4 + 5^3 + 17^1 = 13 + 34 + 34 + 53 + 171
 \end{aligned}$$

$$\begin{aligned}
 305 &:= 1^4 + 1^5 + 5^3 + 9^1 + 13^2 = 14 + 15 + 53 + 91 + 132 \\
 305 &:= 1^4 + 2^3 + 2^5 + 8^1 + 16^2 = 14 + 23 + 25 + 81 + 162 \\
 305 &:= 1^4 + 2^3 + 3^5 + 6^2 + 17^1 = 14 + 23 + 35 + 62 + 171 \\
 305 &:= 1^4 + 2^8 + 6^2 + 9^0 + 11^1 = 14 + 28 + 62 + 90 + 111 \\
 305 &:= 1^4 + 3^3 + 3^5 + 4^2 + 18^1 = 14 + 33 + 35 + 42 + 181 \\
 305 &:= 1^5 + 2^3 + 2^3 + 12^2 + 12^2 = 15 + 23 + 23 + 122 + 122 \\
 305 &:= 1^5 + 2^3 + 3^3 + 10^2 + 13^2 = 15 + 23 + 33 + 102 + 132 \\
 305 &:= 1^5 + 2^3 + 4^3 + 6^3 + 16^1 = 15 + 23 + 43 + 63 + 161 \\
 305 &:= 1^5 + 2^5 + 3^1 + 10^2 + 13^2 = 15 + 25 + 31 + 102 + 132 \\
 305 &:= 1^5 + 2^5 + 3^2 + 7^1 + 16^2 = 15 + 25 + 32 + 71 + 162 \\
 305 &:= 1^5 + 2^5 + 4^4 + 7^0 + 15^1 = 15 + 25 + 44 + 70 + 151 \\
 305 &:= 1^5 + 2^7 + 6^1 + 7^0 + 13^2 = 15 + 27 + 61 + 70 + 132 \\
 305 &:= 1^5 + 3^2 + 3^5 + 6^2 + 16^1 = 15 + 32 + 35 + 62 + 161 \\
 305 &:= 1^5 + 3^3 + 3^3 + 9^2 + 13^2 = 15 + 33 + 33 + 92 + 132 \\
 305 &:= 1^6 + 2^1 + 3^3 + 4^4 + 19^1 = 16 + 21 + 33 + 44 + 191 \\
 305 &:= 1^6 + 2^3 + 4^3 + 7^1 + 15^2 = 16 + 23 + 43 + 71 + 152 \\
 305 &:= 1^6 + 3^1 + 3^3 + 4^4 + 18^1 = 16 + 31 + 33 + 44 + 181 \\
 305 &:= 1^6 + 3^2 + 4^3 + 6^3 + 15^1 = 16 + 32 + 43 + 63 + 151 \\
 305 &:= 1^6 + 3^3 + 4^1 + 4^4 + 17^1 = 16 + 33 + 41 + 44 + 171 \\
 305 &:= 1^6 + 3^3 + 4^2 + 6^2 + 15^2 = 16 + 33 + 42 + 62 + 152 \\
 305 &:= 1^6 + 3^3 + 4^4 + 10^1 + 11^1 = 16 + 33 + 44 + 101 + 111 \\
 305 &:= 1^6 + 3^3 + 4^4 + 5^1 + 16^1 = 16 + 33 + 44 + 51 + 161 \\
 305 &:= 1^6 + 3^3 + 4^4 + 6^1 + 15^1 = 16 + 33 + 44 + 61 + 151
 \end{aligned}$$

$$\begin{aligned} 305 &:= 1^6 + 3^3 + 4^4 + 7^1 + 14^1 = 16 + 33 + 44 + 71 + 141 \\ 305 &:= 1^6 + 3^3 + 4^4 + 8^1 + 13^1 = 16 + 33 + 44 + 81 + 131 \\ 305 &:= 1^6 + 3^3 + 4^4 + 9^1 + 12^1 = 16 + 33 + 44 + 91 + 121 \\ 305 &:= 1^6 + 3^3 + 5^3 + 8^1 + 12^2 = 16 + 33 + 53 + 81 + 122 \\ 305 &:= 1^6 + 3^3 + 6^3 + 7^2 + 12^1 = 16 + 33 + 63 + 72 + 121 \\ 305 &:= 1^6 + 3^4 + 5^1 + 7^2 + 13^2 = 16 + 34 + 51 + 72 + 132 \\ 305 &:= 1^6 + 4^2 + 4^2 + 4^4 + 16^1 = 16 + 42 + 42 + 44 + 161 \\ 305 &:= 1^6 + 4^3 + 4^3 + 7^1 + 13^2 = 16 + 43 + 43 + 71 + 132 \\ 305 &:= 1^6 + 5^3 + 7^2 + 7^2 + 9^2 = 16 + 53 + 72 + 72 + 92 \\ 305 &:= 1^7 + 2^2 + 2^2 + 10^2 + 14^2 = 17 + 22 + 22 + 102 + 142 \\ 305 &:= 1^7 + 2^3 + 4^1 + 6^2 + 16^2 = 17 + 23 + 41 + 62 + 162 \\ 305 &:= 1^7 + 3^1 + 3^3 + 7^2 + 15^2 = 17 + 31 + 33 + 72 + 152 \\ 305 &:= 1^7 + 3^2 + 4^3 + 6^1 + 15^2 = 17 + 32 + 43 + 61 + 152 \\ 305 &:= 1^7 + 3^3 + 4^2 + 5^1 + 16^2 = 17 + 33 + 42 + 51 + 162 \\ 305 &:= 1^7 + 3^4 + 6^1 + 6^3 + 13^0 = 17 + 34 + 61 + 63 + 130 \\ 305 &:= 1^7 + 3^5 + 7^0 + 7^2 + 11^1 = 17 + 35 + 70 + 72 + 111 \\ 305 &:= 1^7 + 4^2 + 4^2 + 4^2 + 16^2 = 17 + 42 + 42 + 42 + 162 \\ 305 &:= 1^8 + 2^1 + 5^3 + 8^1 + 13^2 = 18 + 21 + 53 + 81 + 132 \\ 305 &:= 1^8 + 2^2 + 2^2 + 7^1 + 17^2 = 18 + 22 + 22 + 71 + 172 \\ 305 &:= 1^8 + 3^1 + 3^2 + 6^2 + 16^2 = 18 + 31 + 32 + 62 + 162 \\ 305 &:= 1^8 + 3^1 + 5^3 + 7^1 + 13^2 = 18 + 31 + 53 + 71 + 132 \\ 305 &:= 1^8 + 3^2 + 5^3 + 7^0 + 13^2 = 18 + 32 + 53 + 70 + 132 \\ 305 &:= 1^8 + 4^1 + 5^3 + 6^1 + 13^2 = 18 + 41 + 53 + 61 + 132 \\ 305 &:= 1^8 + 4^4 + 6^2 + 7^0 + 11^1 = 18 + 44 + 62 + 70 + 111 \\ 305 &:= 1^8 + 5^1 + 5^1 + 5^3 + 13^2 = 18 + 51 + 51 + 53 + 132 \\ 305 &:= 1^9 + 2^3 + 3^0 + 6^1 + 17^2 = 19 + 23 + 30 + 61 + 172 \\ 305 &:= 1^9 + 6^1 + 6^3 + 7^0 + 9^2 = 19 + 61 + 63 + 70 + 92 \\ 305 &:= 2^0 + 3^0 + 3^2 + 5^1 + 17^2 = 20 + 30 + 32 + 51 + 172 \\ 305 &:= 2^1 + 2^3 + 2^5 + 3^5 + 20^1 = 21 + 23 + 25 + 35 + 201 \\ 305 &:= 2^1 + 2^5 + 2^8 + 9^0 + 14^1 = 21 + 25 + 28 + 90 + 141 \\ 305 &:= 2^1 + 2^7 + 3^4 + 9^2 + 13^1 = 21 + 27 + 34 + 92 + 131 \\ 305 &:= 2^2 + 2^3 + 2^8 + 6^2 + 17^0 = 22 + 23 + 28 + 62 + 170 \\ 305 &:= 2^3 + 2^3 + 2^5 + 4^4 + 19^0 = 23 + 23 + 25 + 44 + 190 \\ 305 &:= 2^3 + 2^3 + 3^3 + 3^5 + 19^1 = 23 + 23 + 33 + 35 + 191 \\ 305 &:= 2^3 + 2^4 + 2^4 + 11^2 + 12^2 = 23 + 24 + 24 + 112 + 122 \\ 305 &:= 2^3 + 2^5 + 3^1 + 3^5 + 19^1 = 23 + 25 + 31 + 35 + 191 \\ 305 &:= 2^3 + 2^5 + 3^5 + 10^1 + 12^1 = 23 + 25 + 35 + 101 + 121 \end{aligned}$$

$$\begin{aligned} 305 &:= 2^3 + 2^5 + 3^5 + 11^1 + 11^1 = 23 + 25 + 35 + 111 + 111 \\ 305 &:= 2^3 + 2^5 + 3^5 + 4^1 + 18^1 = 23 + 25 + 35 + 41 + 181 \\ 305 &:= 2^3 + 2^5 + 3^5 + 5^1 + 17^1 = 23 + 25 + 35 + 51 + 171 \\ 305 &:= 2^3 + 2^5 + 3^5 + 6^1 + 16^1 = 23 + 25 + 35 + 61 + 161 \\ 305 &:= 2^3 + 2^5 + 3^5 + 7^1 + 15^1 = 23 + 25 + 35 + 71 + 151 \\ 305 &:= 2^3 + 2^5 + 3^5 + 8^1 + 14^1 = 23 + 25 + 35 + 81 + 141 \\ 305 &:= 2^3 + 2^5 + 3^5 + 9^1 + 13^1 = 23 + 25 + 35 + 91 + 131 \\ 305 &:= 2^3 + 2^5 + 5^3 + 5^3 + 15^1 = 23 + 25 + 53 + 53 + 151 \\ 305 &:= 2^3 + 2^6 + 5^2 + 8^2 + 12^2 = 23 + 26 + 52 + 82 + 122 \\ 305 &:= 2^3 + 2^7 + 4^2 + 9^1 + 12^2 = 23 + 27 + 42 + 91 + 122 \\ 305 &:= 2^3 + 2^7 + 7^1 + 9^2 + 9^2 = 23 + 27 + 71 + 92 + 92 \\ 305 &:= 2^3 + 2^8 + 3^3 + 9^0 + 13^1 = 23 + 28 + 33 + 90 + 131 \\ 305 &:= 2^4 + 2^5 + 3^5 + 9^0 + 13^1 = 24 + 25 + 35 + 90 + 131 \\ 305 &:= 2^4 + 2^5 + 5^2 + 6^2 + 14^2 = 24 + 25 + 52 + 62 + 142 \\ 305 &:= 2^4 + 2^6 + 4^1 + 10^2 + 11^2 = 24 + 26 + 41 + 102 + 112 \\ 305 &:= 2^4 + 2^7 + 4^2 + 9^0 + 12^2 = 24 + 27 + 42 + 90 + 122 \\ 305 &:= 2^4 + 2^8 + 4^2 + 5^0 + 16^1 = 24 + 28 + 42 + 50 + 161 \\ 305 &:= 2^4 + 2^8 + 5^2 + 7^1 + 13^0 = 24 + 28 + 52 + 71 + 130 \\ 305 &:= 2^5 + 2^5 + 3^2 + 7^1 + 15^2 = 25 + 25 + 32 + 71 + 152 \\ 305 &:= 2^5 + 2^6 + 5^0 + 8^2 + 12^2 = 25 + 26 + 50 + 82 + 122 \\ 305 &:= 2^5 + 2^8 + 3^1 + 9^0 + 13^1 = 25 + 28 + 31 + 90 + 131 \\ 305 &:= 2^5 + 2^8 + 4^1 + 9^0 + 12^1 = 25 + 28 + 41 + 90 + 121 \\ 305 &:= 2^5 + 2^8 + 5^1 + 9^0 + 11^1 = 25 + 28 + 51 + 90 + 111 \\ 305 &:= 2^5 + 2^8 + 6^1 + 9^0 + 10^1 = 25 + 28 + 61 + 90 + 101 \\ 305 &:= 2^5 + 2^8 + 7^1 + 9^0 + 9^1 = 25 + 28 + 71 + 90 + 91 \\ 305 &:= 2^5 + 2^8 + 8^1 + 8^1 + 9^0 = 25 + 28 + 81 + 81 + 90 \\ 305 &:= 2^5 + 3^4 + 8^2 + 8^2 + 8^2 = 25 + 34 + 82 + 82 + 82 \\ 305 &:= 2^6 + 2^6 + 5^0 + 7^1 + 13^2 = 26 + 26 + 50 + 71 + 132 \\ 305 &:= 2^6 + 4^3 + 7^2 + 8^2 + 8^2 = 26 + 43 + 72 + 82 + 82 \\ 305 &:= 2^7 + 3^1 + 3^4 + 9^2 + 12^1 = 27 + 31 + 34 + 92 + 121 \\ 305 &:= 2^7 + 3^4 + 4^1 + 9^2 + 11^1 = 27 + 34 + 41 + 92 + 111 \\ 305 &:= 2^7 + 3^4 + 5^1 + 9^2 + 10^1 = 27 + 34 + 51 + 92 + 101 \\ 305 &:= 2^7 + 3^4 + 6^1 + 9^1 + 9^2 = 27 + 34 + 61 + 91 + 92 \\ 305 &:= 2^7 + 3^4 + 7^1 + 8^1 + 9^2 = 27 + 34 + 71 + 81 + 92 \\ 305 &:= 3^4 + 3^4 + 3^4 + 7^2 + 13^1 = 34 + 34 + 34 + 72 + 131 \\ 305 &:= 3^4 + 3^4 + 4^3 + 4^3 + 15^1 = 34 + 34 + 43 + 43 + 151 \end{aligned}$$

2.2.207 Number 306

$$\begin{aligned}
 306 &:= 2^4 + 11^0 + 17^2 &= 24 + 110 + 172 \\
 306 &:= 4^4 + 7^2 + 19^0 &= 44 + 72 + 190 \\
 306 &:= 5^3 + 12^1 + 13^2 &= 53 + 121 + 132 \\
 306 &:= 8^2 + 11^2 + 11^2 &= 82 + 112 + 112 \\
 306 &:= 9^2 + 9^2 + 12^2 &= 92 + 92 + 122 \\
 306 &:= 1^0 + 5^3 + 11^1 + 13^2 &= 10 + 53 + 111 + 132 \\
 306 &:= 1^0 + 6^2 + 10^2 + 13^2 &= 10 + 62 + 102 + 132 \\
 306 &:= 2^3 + 3^0 + 8^1 + 17^2 &= 23 + 30 + 81 + 172 \\
 306 &:= 2^7 + 2^7 + 7^2 + 18^0 &= 27 + 27 + 72 + 180 \\
 306 &:= 3^0 + 3^2 + 10^2 + 14^2 &= 30 + 32 + 102 + 142 \\
 306 &:= 3^0 + 4^2 + 8^2 + 15^2 &= 30 + 42 + 82 + 152 \\
 306 &:= 6^3 + 7^0 + 8^1 + 9^2 &= 63 + 70 + 81 + 92 \\
 306 &:= 1^0 + 1^0 + 4^2 + 12^2 + 12^2 &= 10 + 10 + 42 + 122 + 122 \\
 306 &:= 1^0 + 1^0 + 5^3 + 10^1 + 13^2 &= 10 + 10 + 53 + 101 + 132 \\
 306 &:= 1^0 + 2^3 + 3^0 + 7^1 + 17^2 &= 10 + 23 + 30 + 71 + 172 \\
 306 &:= 1^0 + 6^3 + 7^0 + 7^1 + 9^2 &= 10 + 63 + 70 + 71 + 92 \\
 306 &:= 1^1 + 2^5 + 2^8 + 4^2 + 20^0 &= 11 + 25 + 28 + 42 + 200 \\
 306 &:= 1^1 + 3^0 + 3^2 + 6^1 + 17^2 &= 11 + 30 + 32 + 61 + 172 \\
 306 &:= 1^2 + 2^5 + 2^7 + 12^0 + 12^2 &= 12 + 25 + 27 + 120 + 122 \\
 306 &:= 1^2 + 2^5 + 2^8 + 8^0 + 16^1 &= 12 + 25 + 28 + 80 + 161 \\
 306 &:= 1^3 + 2^4 + 2^5 + 4^4 + 20^0 &= 13 + 24 + 25 + 44 + 200 \\
 306 &:= 1^4 + 2^0 + 2^8 + 3^3 + 21^1 &= 14 + 20 + 28 + 33 + 211 \\
 306 &:= 1^5 + 1^9 + 2^8 + 3^3 + 21^1 &= 15 + 19 + 28 + 33 + 211 \\
 306 &:= 1^5 + 2^4 + 2^5 + 8^0 + 16^2 &= 15 + 24 + 25 + 80 + 162 \\
 306 &:= 1^5 + 2^5 + 4^2 + 4^4 + 18^0 &= 15 + 25 + 42 + 44 + 180 \\
 306 &:= 1^5 + 2^8 + 6^2 + 8^0 + 12^1 &= 15 + 28 + 62 + 80 + 121 \\
 306 &:= 1^6 + 1^8 + 2^8 + 3^3 + 21^1 &= 16 + 18 + 28 + 33 + 211 \\
 306 &:= 1^6 + 2^5 + 4^4 + 6^0 + 16^1 &= 16 + 25 + 44 + 60 + 161 \\
 306 &:= 1^6 + 2^7 + 6^0 + 7^1 + 13^2 &= 16 + 27 + 60 + 71 + 132
 \end{aligned}$$

$$\begin{aligned}
 306 &:= 1^7 + 1^7 + 2^8 + 3^3 + 21^1 &= 17 + 17 + 28 + 33 + 211 \\
 306 &:= 1^7 + 2^5 + 4^2 + 6^0 + 16^2 &= 17 + 25 + 42 + 60 + 162 \\
 306 &:= 1^7 + 3^3 + 3^4 + 8^0 + 14^2 &= 17 + 33 + 34 + 80 + 142 \\
 306 &:= 1^7 + 3^5 + 5^2 + 6^2 + 14^0 &= 17 + 35 + 52 + 62 + 140 \\
 306 &:= 1^8 + 2^0 + 2^4 + 12^2 + 12^2 &= 18 + 20 + 24 + 122 + 122 \\
 306 &:= 1^8 + 3^4 + 6^3 + 7^1 + 12^0 &= 18 + 34 + 63 + 71 + 120 \\
 306 &:= 1^8 + 3^5 + 6^0 + 7^2 + 12^1 &= 18 + 35 + 60 + 72 + 121 \\
 306 &:= 1^9 + 1^9 + 2^4 + 12^2 + 12^2 &= 19 + 19 + 24 + 122 + 122 \\
 306 &:= 1^9 + 2^0 + 2^3 + 10^2 + 14^2 &= 19 + 20 + 23 + 102 + 142 \\
 306 &:= 1^9 + 2^0 + 3^3 + 9^2 + 14^2 &= 19 + 20 + 33 + 92 + 142 \\
 306 &:= 1^9 + 2^4 + 2^5 + 2^8 + 21^0 &= 19 + 24 + 25 + 28 + 210 \\
 306 &:= 1^9 + 4^4 + 6^0 + 6^2 + 12^1 &= 19 + 44 + 60 + 62 + 121 \\
 306 &:= 2^0 + 2^0 + 2^3 + 7^1 + 17^2 &= 20 + 20 + 23 + 71 + 172 \\
 306 &:= 2^0 + 2^6 + 2^7 + 10^2 + 13^1 &= 20 + 26 + 27 + 102 + 131 \\
 306 &:= 2^0 + 6^0 + 6^3 + 7^1 + 9^2 &= 20 + 60 + 63 + 71 + 92 \\
 306 &:= 2^1 + 3^0 + 3^2 + 5^1 + 17^2 &= 21 + 30 + 32 + 51 + 172 \\
 306 &:= 2^2 + 2^5 + 2^8 + 10^0 + 13^1 &= 22 + 25 + 28 + 100 + 131 \\
 306 &:= 2^4 + 2^5 + 2^5 + 8^0 + 15^2 &= 24 + 25 + 25 + 80 + 152 \\
 306 &:= 2^4 + 2^6 + 3^4 + 10^0 + 12^2 &= 24 + 26 + 34 + 100 + 122 \\
 306 &:= 2^4 + 2^7 + 5^3 + 6^2 + 14^0 &= 24 + 27 + 53 + 62 + 140 \\
 306 &:= 2^4 + 2^8 + 3^3 + 6^1 + 16^0 &= 24 + 28 + 33 + 61 + 160 \\
 306 &:= 2^5 + 2^7 + 8^0 + 8^2 + 9^2 &= 25 + 27 + 80 + 82 + 92 \\
 306 &:= 2^5 + 2^8 + 3^2 + 8^1 + 14^0 &= 25 + 28 + 32 + 81 + 140 \\
 306 &:= 2^7 + 3^4 + 3^4 + 6^0 + 15^1 &= 27 + 34 + 34 + 60 + 151 \\
 306 &:= 3^0 + 3^1 + 3^2 + 4^1 + 17^2 &= 30 + 31 + 32 + 41 + 172 \\
 306 &:= 3^0 + 5^0 + 6^3 + 7^1 + 9^2 &= 30 + 50 + 63 + 71 + 92 \\
 306 &:= 4^0 + 4^0 + 6^3 + 7^1 + 9^2 &= 40 + 40 + 63 + 71 + 92
 \end{aligned}$$

2.2.208 Number 307

$$\begin{aligned}
 307 &:= 1^1 + 2^4 + 10^0 + 17^2 &= 11 + 24 + 100 + 172 \\
 307 &:= 1^1 + 4^4 + 7^2 + 18^0 &= 11 + 44 + 72 + 180 \\
 307 &:= 1^3 + 4^2 + 8^0 + 17^2 &= 13 + 42 + 80 + 172 \\
 307 &:= 1^3 + 6^0 + 7^2 + 16^2 &= 13 + 60 + 72 + 162 \\
 307 &:= 1^5 + 2^8 + 3^3 + 23^1 &= 15 + 28 + 33 + 231
 \end{aligned}$$

$$\begin{aligned}
 307 &:= 1^7 + 2^8 + 7^2 + 19^0 &= 17 + 28 + 72 + 190 \\
 307 &:= 2^3 + 3^2 + 8^0 + 17^2 &= 23 + 32 + 80 + 172 \\
 307 &:= 3^2 + 6^3 + 9^2 + 12^0 &= 32 + 63 + 92 + 120 \\
 307 &:= 4^0 + 4^3 + 11^2 + 11^2 &= 40 + 43 + 112 + 112 \\
 307 &:= 4^4 + 6^0 + 6^2 + 14^1 &= 44 + 60 + 62 + 141
 \end{aligned}$$

$$\begin{aligned} 307 &:= 5^3 + 6^0 + 9^2 + 10^2 = 53 + 60 + 92 + 102 \\ 307 &:= 1^0 + 1^5 + 2^8 + 3^3 + 22^1 = 10 + 15 + 28 + 33 + 221 \\ 307 &:= 1^0 + 4^2 + 4^3 + 6^0 + 15^2 = 10 + 42 + 43 + 60 + 152 \\ 307 &:= 1^0 + 4^4 + 6^0 + 6^2 + 13^1 = 10 + 44 + 60 + 62 + 131 \\ 307 &:= 1^0 + 5^2 + 6^3 + 8^2 + 10^0 = 10 + 52 + 63 + 82 + 100 \\ 307 &:= 1^0 + 5^3 + 6^0 + 6^2 + 12^2 = 10 + 53 + 60 + 62 + 122 \\ 307 &:= 1^1 + 1^4 + 2^8 + 3^3 + 22^1 = 11 + 14 + 28 + 33 + 221 \\ 307 &:= 1^1 + 2^0 + 2^3 + 8^1 + 17^2 = 11 + 20 + 23 + 81 + 172 \\ 307 &:= 1^1 + 2^0 + 3^2 + 10^2 + 14^2 = 11 + 20 + 32 + 102 + 142 \\ 307 &:= 1^1 + 2^0 + 4^2 + 8^2 + 15^2 = 11 + 20 + 42 + 82 + 152 \\ 307 &:= 1^1 + 2^6 + 2^7 + 10^2 + 14^1 = 11 + 26 + 27 + 102 + 141 \\ 307 &:= 1^1 + 2^7 + 2^7 + 7^2 + 17^0 = 11 + 27 + 27 + 72 + 170 \\ 307 &:= 1^1 + 6^0 + 6^3 + 8^1 + 9^2 = 11 + 60 + 63 + 81 + 92 \\ 307 &:= 1^2 + 1^3 + 2^8 + 3^3 + 22^1 = 12 + 13 + 28 + 33 + 221 \\ 307 &:= 1^2 + 1^9 + 2^3 + 8^1 + 17^2 = 12 + 19 + 23 + 81 + 172 \\ 307 &:= 1^2 + 1^9 + 3^2 + 10^2 + 14^2 = 12 + 19 + 32 + 102 + 142 \\ 307 &:= 1^2 + 1^9 + 4^2 + 8^2 + 15^2 = 12 + 19 + 42 + 82 + 152 \\ 307 &:= 1^2 + 2^0 + 3^2 + 7^1 + 17^2 = 12 + 20 + 32 + 71 + 172 \\ 307 &:= 1^3 + 1^8 + 2^3 + 8^1 + 17^2 = 13 + 18 + 23 + 81 + 172 \\ 307 &:= 1^3 + 1^8 + 3^2 + 10^2 + 14^2 = 13 + 18 + 32 + 102 + 142 \\ 307 &:= 1^3 + 1^8 + 4^2 + 8^2 + 15^2 = 13 + 18 + 42 + 82 + 152 \\ 307 &:= 1^3 + 1^9 + 3^2 + 7^1 + 17^2 = 13 + 19 + 32 + 71 + 172 \\ 307 &:= 1^3 + 2^5 + 2^8 + 7^0 + 17^1 = 13 + 25 + 28 + 70 + 171 \\ 307 &:= 1^4 + 1^7 + 2^3 + 8^1 + 17^2 = 14 + 17 + 23 + 81 + 172 \\ 307 &:= 1^4 + 1^7 + 3^2 + 10^2 + 14^2 = 14 + 17 + 32 + 102 + 142 \\ 307 &:= 1^4 + 1^7 + 4^2 + 8^2 + 15^2 = 14 + 17 + 42 + 82 + 152 \\ 307 &:= 1^4 + 1^8 + 3^2 + 7^1 + 17^2 = 14 + 18 + 32 + 71 + 172 \\ 307 &:= 1^4 + 2^1 + 2^8 + 3^3 + 21^1 = 14 + 21 + 28 + 33 + 211 \\ 307 &:= 1^4 + 2^3 + 2^6 + 6^3 + 18^1 = 14 + 23 + 26 + 63 + 181 \\ 307 &:= 1^4 + 2^4 + 3^3 + 3^5 + 20^1 = 14 + 24 + 33 + 35 + 201 \\ 307 &:= 1^4 + 2^8 + 3^1 + 3^3 + 20^1 = 14 + 28 + 31 + 33 + 201 \\ 307 &:= 1^4 + 2^8 + 3^3 + 10^1 + 13^1 = 14 + 28 + 33 + 101 + 131 \\ 307 &:= 1^4 + 2^8 + 3^3 + 11^1 + 12^1 = 14 + 28 + 33 + 111 + 121 \\ 307 &:= 1^4 + 2^8 + 3^3 + 4^1 + 19^1 = 14 + 28 + 33 + 41 + 191 \\ 307 &:= 1^4 + 2^8 + 3^3 + 5^1 + 18^1 = 14 + 28 + 33 + 51 + 181 \\ 307 &:= 1^4 + 2^8 + 3^3 + 6^1 + 17^1 = 14 + 28 + 33 + 61 + 171 \\ 307 &:= 1^4 + 2^8 + 3^3 + 7^1 + 16^1 = 14 + 28 + 33 + 71 + 161 \\ 307 &:= 1^4 + 2^8 + 3^3 + 8^1 + 15^1 = 14 + 28 + 33 + 81 + 151 \end{aligned}$$

$$\begin{aligned} 307 &:= 1^4 + 2^8 + 3^3 + 9^1 + 14^1 = 14 + 28 + 33 + 91 + 141 \\ 307 &:= 1^4 + 2^8 + 4^2 + 4^2 + 18^1 = 14 + 28 + 42 + 42 + 181 \\ 307 &:= 1^5 + 1^6 + 2^3 + 8^1 + 17^2 = 15 + 16 + 23 + 81 + 172 \\ 307 &:= 1^5 + 1^6 + 3^2 + 10^2 + 14^2 = 15 + 16 + 32 + 102 + 142 \\ 307 &:= 1^5 + 1^6 + 4^2 + 8^2 + 15^2 = 15 + 16 + 42 + 82 + 152 \\ 307 &:= 1^5 + 1^7 + 3^2 + 7^1 + 17^2 = 15 + 17 + 32 + 71 + 172 \\ 307 &:= 1^5 + 2^3 + 2^6 + 9^1 + 15^2 = 15 + 23 + 26 + 91 + 152 \\ 307 &:= 1^5 + 2^3 + 2^7 + 11^0 + 13^2 = 15 + 23 + 27 + 110 + 132 \\ 307 &:= 1^5 + 2^4 + 2^6 + 9^0 + 15^2 = 15 + 24 + 26 + 90 + 152 \\ 307 &:= 1^5 + 2^6 + 3^2 + 6^3 + 17^1 = 15 + 26 + 32 + 63 + 171 \\ 307 &:= 1^5 + 2^6 + 4^3 + 9^1 + 13^2 = 15 + 26 + 43 + 91 + 132 \\ 307 &:= 1^5 + 2^6 + 7^2 + 7^2 + 12^2 = 15 + 26 + 72 + 72 + 122 \\ 307 &:= 1^5 + 2^7 + 5^2 + 9^1 + 12^2 = 15 + 27 + 52 + 91 + 122 \\ 307 &:= 1^5 + 2^7 + 7^2 + 8^1 + 11^2 = 15 + 27 + 72 + 81 + 112 \\ 307 &:= 1^6 + 1^6 + 3^2 + 7^1 + 17^2 = 16 + 16 + 32 + 71 + 172 \\ 307 &:= 1^6 + 2^4 + 4^2 + 4^4 + 18^1 = 16 + 24 + 42 + 44 + 181 \\ 307 &:= 1^6 + 2^5 + 3^2 + 11^2 + 12^2 = 16 + 25 + 32 + 112 + 122 \\ 307 &:= 1^6 + 2^6 + 3^2 + 8^1 + 15^2 = 16 + 26 + 32 + 81 + 152 \\ 307 &:= 1^6 + 2^6 + 5^2 + 6^3 + 15^0 = 16 + 26 + 52 + 63 + 150 \\ 307 &:= 1^6 + 2^8 + 6^2 + 7^0 + 13^1 = 16 + 28 + 62 + 70 + 131 \\ 307 &:= 1^7 + 2^2 + 3^3 + 4^4 + 19^1 = 17 + 22 + 33 + 44 + 191 \\ 307 &:= 1^7 + 2^3 + 2^3 + 11^2 + 13^2 = 17 + 23 + 23 + 112 + 132 \\ 307 &:= 1^7 + 2^3 + 3^4 + 6^3 + 17^0 = 17 + 23 + 34 + 63 + 170 \\ 307 &:= 1^7 + 2^3 + 4^4 + 5^2 + 17^1 = 17 + 23 + 44 + 52 + 171 \\ 307 &:= 1^7 + 2^4 + 3^3 + 7^1 + 16^2 = 17 + 24 + 33 + 71 + 162 \\ 307 &:= 1^7 + 2^4 + 4^2 + 7^2 + 15^2 = 17 + 24 + 42 + 72 + 152 \\ 307 &:= 1^7 + 2^5 + 4^4 + 5^0 + 17^1 = 17 + 25 + 44 + 50 + 171 \\ 307 &:= 1^7 + 2^6 + 4^2 + 7^0 + 15^2 = 17 + 26 + 42 + 70 + 152 \\ 307 &:= 1^7 + 2^7 + 5^0 + 8^1 + 13^2 = 17 + 27 + 50 + 81 + 132 \\ 307 &:= 1^7 + 3^4 + 5^2 + 10^2 + 10^2 = 17 + 34 + 52 + 102 + 102 \\ 307 &:= 1^8 + 2^1 + 2^4 + 12^2 + 12^2 = 18 + 21 + 24 + 122 + 122 \\ 307 &:= 1^8 + 2^3 + 3^2 + 8^2 + 15^2 = 18 + 23 + 32 + 82 + 152 \\ 307 &:= 1^8 + 2^4 + 4^3 + 7^0 + 15^2 = 18 + 24 + 43 + 70 + 152 \\ 307 &:= 1^8 + 3^2 + 4^3 + 8^2 + 13^2 = 18 + 32 + 43 + 82 + 132 \\ 307 &:= 1^8 + 3^2 + 4^4 + 5^2 + 16^1 = 18 + 32 + 44 + 52 + 161 \\ 307 &:= 1^8 + 3^4 + 4^1 + 10^2 + 11^2 = 18 + 34 + 41 + 102 + 112 \\ 307 &:= 1^8 + 5^3 + 6^2 + 8^2 + 9^2 = 18 + 53 + 62 + 82 + 92 \\ 307 &:= 1^9 + 2^1 + 2^3 + 10^2 + 14^2 = 19 + 21 + 23 + 102 + 142 \end{aligned}$$

$$\begin{aligned}
 307 &:= 1^9 + 2^1 + 3^3 + 9^2 + 14^2 = 19 + 21 + 33 + 92 + 142 \\
 307 &:= 1^9 + 2^2 + 5^3 + 8^1 + 13^2 = 19 + 22 + 53 + 81 + 132 \\
 307 &:= 1^9 + 2^3 + 2^3 + 7^0 + 17^2 = 19 + 23 + 23 + 70 + 172 \\
 307 &:= 1^9 + 2^3 + 6^3 + 9^2 + 11^0 = 19 + 23 + 63 + 92 + 110 \\
 307 &:= 1^9 + 2^4 + 3^0 + 8^2 + 15^2 = 19 + 24 + 30 + 82 + 152 \\
 307 &:= 1^9 + 3^2 + 4^2 + 5^2 + 16^2 = 19 + 32 + 42 + 52 + 162 \\
 307 &:= 1^9 + 3^4 + 6^3 + 8^1 + 11^0 = 19 + 34 + 63 + 81 + 110 \\
 307 &:= 1^9 + 3^5 + 5^0 + 7^2 + 13^1 = 19 + 35 + 50 + 72 + 131 \\
 307 &:= 1^9 + 4^2 + 6^3 + 8^2 + 10^1 = 19 + 42 + 63 + 82 + 101 \\
 307 &:= 1^9 + 4^3 + 5^2 + 6^3 + 13^0 = 19 + 43 + 52 + 63 + 130 \\
 307 &:= 2^0 + 2^1 + 2^3 + 7^1 + 17^2 = 20 + 21 + 23 + 71 + 172 \\
 307 &:= 2^0 + 2^3 + 3^1 + 6^1 + 17^2 = 20 + 23 + 31 + 61 + 172 \\
 307 &:= 2^0 + 2^3 + 4^1 + 5^1 + 17^2 = 20 + 23 + 41 + 51 + 172 \\
 307 &:= 2^0 + 4^2 + 4^3 + 5^0 + 15^2 = 20 + 42 + 43 + 50 + 152 \\
 307 &:= 2^0 + 4^4 + 5^0 + 6^2 + 13^1 = 20 + 44 + 50 + 62 + 131 \\
 307 &:= 2^0 + 5^0 + 5^3 + 6^2 + 12^2 = 20 + 50 + 53 + 62 + 122 \\
 307 &:= 2^0 + 5^2 + 6^3 + 8^2 + 9^0 = 20 + 52 + 63 + 82 + 90 \\
 307 &:= 2^1 + 2^6 + 2^7 + 10^2 + 13^1 = 21 + 26 + 27 + 102 + 131 \\
 307 &:= 2^1 + 6^0 + 6^3 + 7^1 + 9^2 = 21 + 60 + 63 + 71 + 92 \\
 307 &:= 2^2 + 3^2 + 4^0 + 4^1 + 17^2 = 22 + 32 + 40 + 41 + 172 \\
 307 &:= 2^3 + 2^3 + 2^8 + 4^2 + 19^1 = 23 + 23 + 28 + 42 + 191 \\
 307 &:= 2^3 + 2^4 + 2^7 + 11^1 + 12^2 = 23 + 24 + 27 + 111 + 122
 \end{aligned}$$

$$\begin{aligned}
 307 &:= 2^3 + 2^5 + 2^8 + 10^1 + 13^0 = 23 + 25 + 28 + 101 + 130 \\
 307 &:= 2^4 + 2^4 + 2^8 + 5^0 + 18^1 = 24 + 24 + 28 + 50 + 181 \\
 307 &:= 2^4 + 2^7 + 3^4 + 9^2 + 13^0 = 24 + 27 + 34 + 92 + 130 \\
 307 &:= 2^5 + 2^6 + 7^2 + 9^2 + 9^2 = 25 + 26 + 72 + 92 + 92 \\
 307 &:= 2^5 + 2^7 + 4^2 + 10^1 + 11^2 = 25 + 27 + 42 + 101 + 112 \\
 307 &:= 2^5 + 2^8 + 3^2 + 3^2 + 19^0 = 25 + 28 + 32 + 32 + 190 \\
 307 &:= 2^6 + 2^7 + 3^1 + 10^2 + 12^1 = 26 + 27 + 31 + 102 + 121 \\
 307 &:= 2^6 + 2^7 + 4^1 + 10^2 + 11^1 = 26 + 27 + 41 + 102 + 111 \\
 307 &:= 2^6 + 2^7 + 5^1 + 10^1 + 10^2 = 26 + 27 + 51 + 101 + 102 \\
 307 &:= 2^6 + 2^7 + 6^1 + 9^1 + 10^2 = 26 + 27 + 61 + 91 + 102 \\
 307 &:= 2^6 + 2^7 + 7^1 + 8^1 + 10^2 = 26 + 27 + 71 + 81 + 102 \\
 307 &:= 2^7 + 2^7 + 5^0 + 6^2 + 14^1 = 27 + 27 + 50 + 62 + 141 \\
 307 &:= 2^7 + 3^4 + 3^4 + 4^2 + 17^0 = 27 + 34 + 34 + 42 + 170 \\
 307 &:= 3^0 + 4^0 + 4^2 + 4^3 + 15^2 = 30 + 40 + 42 + 43 + 152 \\
 307 &:= 3^0 + 4^0 + 4^4 + 6^2 + 13^1 = 30 + 40 + 44 + 62 + 131 \\
 307 &:= 3^0 + 4^0 + 5^3 + 6^2 + 12^2 = 30 + 40 + 53 + 62 + 122 \\
 307 &:= 3^0 + 5^2 + 6^3 + 8^0 + 8^2 = 30 + 52 + 63 + 80 + 82 \\
 307 &:= 3^1 + 6^0 + 6^1 + 6^3 + 9^2 = 31 + 60 + 61 + 63 + 92 \\
 307 &:= 4^0 + 5^2 + 6^3 + 7^0 + 8^2 = 40 + 52 + 63 + 70 + 82 \\
 307 &:= 4^1 + 5^1 + 6^0 + 6^3 + 9^2 = 41 + 51 + 60 + 63 + 92 \\
 307 &:= 5^0 + 5^2 + 6^0 + 6^3 + 8^2 = 50 + 52 + 60 + 63 + 82
 \end{aligned}$$

2.2.209 Number 308

$$\begin{aligned}
 308 &:= 3^5 + 4^3 + 23^0 = 35 + 43 + 230 \\
 308 &:= 1^2 + 2^3 + 10^1 + 17^2 = 12 + 23 + 101 + 172 \\
 308 &:= 1^2 + 3^4 + 11^0 + 15^2 = 12 + 34 + 110 + 152 \\
 308 &:= 1^3 + 3^2 + 9^1 + 17^2 = 13 + 32 + 91 + 172 \\
 308 &:= 1^4 + 5^0 + 9^2 + 15^2 = 14 + 50 + 92 + 152 \\
 308 &:= 2^2 + 4^2 + 12^2 + 12^2 = 22 + 42 + 122 + 122 \\
 308 &:= 2^2 + 5^3 + 10^1 + 13^2 = 22 + 53 + 101 + 132 \\
 308 &:= 2^3 + 4^1 + 10^2 + 14^2 = 23 + 41 + 102 + 142 \\
 308 &:= 3^2 + 3^2 + 11^2 + 13^2 = 32 + 32 + 112 + 132 \\
 308 &:= 3^2 + 5^2 + 7^2 + 15^2 = 32 + 52 + 72 + 152 \\
 308 &:= 3^3 + 4^1 + 9^2 + 14^2 = 33 + 41 + 92 + 142 \\
 308 &:= 3^3 + 6^3 + 8^2 + 13^0 = 33 + 63 + 82 + 130 \\
 308 &:= 3^4 + 6^3 + 10^1 + 11^0 = 34 + 63 + 101 + 110
 \end{aligned}$$

$$\begin{aligned}
 308 &:= 3^5 + 5^0 + 7^2 + 15^1 = 35 + 50 + 72 + 151 \\
 308 &:= 4^2 + 6^3 + 8^2 + 12^1 = 42 + 63 + 82 + 121 \\
 308 &:= 1^0 + 1^2 + 2^3 + 9^1 + 17^2 = 10 + 12 + 23 + 91 + 172 \\
 308 &:= 1^0 + 1^2 + 2^4 + 9^0 + 17^2 = 10 + 12 + 24 + 90 + 172 \\
 308 &:= 1^0 + 1^2 + 4^2 + 11^2 + 13^2 = 10 + 12 + 42 + 112 + 132 \\
 308 &:= 1^0 + 1^2 + 4^4 + 7^2 + 17^0 = 10 + 12 + 44 + 72 + 170 \\
 308 &:= 1^0 + 1^3 + 3^2 + 8^1 + 17^2 = 10 + 13 + 32 + 81 + 172 \\
 308 &:= 1^0 + 1^4 + 4^2 + 7^0 + 17^2 = 10 + 14 + 42 + 70 + 172 \\
 308 &:= 1^0 + 1^4 + 5^0 + 7^2 + 16^2 = 10 + 14 + 50 + 72 + 162 \\
 308 &:= 1^0 + 1^8 + 2^8 + 7^2 + 18^0 = 10 + 18 + 28 + 72 + 180 \\
 308 &:= 1^0 + 2^2 + 5^3 + 9^1 + 13^2 = 10 + 22 + 53 + 91 + 132 \\
 308 &:= 1^0 + 2^3 + 3^1 + 10^2 + 14^2 = 10 + 23 + 31 + 102 + 142 \\
 308 &:= 1^0 + 2^4 + 3^0 + 11^2 + 13^2 = 10 + 24 + 30 + 112 + 132
 \end{aligned}$$

$$\begin{aligned} 308 &:= 1^0 + 3^1 + 3^3 + 9^2 + 14^2 = 10 + 31 + 33 + 92 + 142 \\ 308 &:= 1^0 + 3^2 + 3^2 + 8^2 + 15^2 = 10 + 32 + 32 + 82 + 152 \\ 308 &:= 1^0 + 3^4 + 5^0 + 9^2 + 12^2 = 10 + 34 + 50 + 92 + 122 \\ 308 &:= 1^0 + 3^4 + 6^3 + 9^1 + 11^0 = 10 + 34 + 63 + 91 + 110 \\ 308 &:= 1^0 + 3^5 + 5^0 + 7^2 + 14^1 = 10 + 35 + 50 + 72 + 141 \\ 308 &:= 1^0 + 4^2 + 6^3 + 8^2 + 11^1 = 10 + 42 + 63 + 82 + 111 \\ 308 &:= 1^0 + 4^4 + 5^2 + 5^2 + 15^0 = 10 + 44 + 52 + 52 + 150 \\ 308 &:= 1^1 + 1^1 + 2^3 + 9^1 + 17^2 = 11 + 11 + 23 + 91 + 172 \\ 308 &:= 1^1 + 1^1 + 2^4 + 9^0 + 17^2 = 11 + 11 + 24 + 90 + 172 \\ 308 &:= 1^1 + 1^1 + 4^2 + 11^2 + 13^2 = 11 + 11 + 42 + 112 + 132 \\ 308 &:= 1^1 + 1^1 + 4^4 + 7^2 + 17^0 = 11 + 11 + 44 + 72 + 170 \\ 308 &:= 1^1 + 1^2 + 3^2 + 8^1 + 17^2 = 11 + 12 + 32 + 81 + 172 \\ 308 &:= 1^1 + 1^3 + 4^2 + 7^0 + 17^2 = 11 + 13 + 42 + 70 + 172 \\ 308 &:= 1^1 + 1^3 + 5^0 + 7^2 + 16^2 = 11 + 13 + 50 + 72 + 162 \\ 308 &:= 1^1 + 1^7 + 2^8 + 7^2 + 18^0 = 11 + 17 + 28 + 72 + 180 \\ 308 &:= 1^1 + 2^1 + 2^3 + 8^1 + 17^2 = 11 + 21 + 23 + 81 + 172 \\ 308 &:= 1^1 + 2^1 + 3^2 + 10^2 + 14^2 = 11 + 21 + 32 + 102 + 142 \\ 308 &:= 1^1 + 2^1 + 4^2 + 8^2 + 15^2 = 11 + 21 + 42 + 82 + 152 \\ 308 &:= 1^1 + 2^3 + 3^1 + 7^1 + 17^2 = 11 + 23 + 31 + 71 + 172 \\ 308 &:= 1^1 + 2^3 + 3^2 + 7^0 + 17^2 = 11 + 23 + 32 + 70 + 172 \\ 308 &:= 1^1 + 2^3 + 4^1 + 6^1 + 17^2 = 11 + 23 + 41 + 61 + 172 \\ 308 &:= 1^1 + 2^3 + 5^1 + 5^1 + 17^2 = 11 + 23 + 51 + 51 + 172 \\ 308 &:= 1^1 + 3^0 + 4^3 + 11^2 + 11^2 = 11 + 30 + 43 + 112 + 112 \\ 308 &:= 1^1 + 3^2 + 6^3 + 9^2 + 11^0 = 11 + 32 + 63 + 92 + 110 \\ 308 &:= 1^1 + 4^4 + 5^0 + 6^2 + 14^1 = 11 + 44 + 50 + 62 + 141 \\ 308 &:= 1^1 + 5^0 + 5^3 + 9^2 + 10^2 = 11 + 50 + 53 + 92 + 102 \\ 308 &:= 1^2 + 1^2 + 4^2 + 7^0 + 17^2 = 12 + 12 + 42 + 70 + 172 \\ 308 &:= 1^2 + 1^2 + 5^0 + 7^2 + 16^2 = 12 + 12 + 50 + 72 + 162 \\ 308 &:= 1^2 + 1^6 + 2^8 + 7^2 + 18^0 = 12 + 16 + 28 + 72 + 180 \\ 308 &:= 1^2 + 2^0 + 2^4 + 8^0 + 17^2 = 12 + 20 + 24 + 80 + 172 \\ 308 &:= 1^2 + 2^0 + 4^4 + 7^2 + 16^0 = 12 + 20 + 44 + 72 + 160 \\ 308 &:= 1^2 + 2^1 + 3^2 + 7^1 + 17^2 = 12 + 21 + 32 + 71 + 172 \\ 308 &:= 1^2 + 2^4 + 3^0 + 7^0 + 17^2 = 12 + 24 + 30 + 70 + 172 \\ 308 &:= 1^2 + 2^4 + 4^0 + 6^0 + 17^2 = 12 + 24 + 40 + 60 + 172 \\ 308 &:= 1^2 + 2^4 + 5^0 + 5^0 + 17^2 = 12 + 24 + 50 + 50 + 172 \\ 308 &:= 1^2 + 3^0 + 4^4 + 7^2 + 15^0 = 12 + 30 + 44 + 72 + 150 \\ 308 &:= 1^2 + 3^0 + 5^2 + 5^2 + 16^2 = 12 + 30 + 52 + 52 + 162 \\ 308 &:= 1^2 + 3^1 + 3^2 + 6^1 + 17^2 = 12 + 31 + 32 + 61 + 172 \end{aligned}$$

$$\begin{aligned} 308 &:= 1^2 + 3^2 + 4^1 + 5^1 + 17^2 = 12 + 32 + 41 + 51 + 172 \\ 308 &:= 1^2 + 4^0 + 4^4 + 7^2 + 14^0 = 12 + 40 + 44 + 72 + 140 \\ 308 &:= 1^2 + 4^4 + 5^0 + 7^2 + 13^0 = 12 + 44 + 50 + 72 + 130 \\ 308 &:= 1^2 + 4^4 + 6^0 + 7^2 + 12^0 = 12 + 44 + 60 + 72 + 120 \\ 308 &:= 1^2 + 4^4 + 7^0 + 7^2 + 11^0 = 12 + 44 + 70 + 72 + 110 \\ 308 &:= 1^2 + 4^4 + 7^2 + 8^0 + 10^0 = 12 + 44 + 72 + 80 + 100 \\ 308 &:= 1^2 + 4^4 + 7^2 + 9^0 + 9^0 = 12 + 44 + 72 + 90 + 90 \\ 308 &:= 1^2 + 5^0 + 6^3 + 9^1 + 9^2 = 12 + 50 + 63 + 91 + 92 \\ 308 &:= 1^3 + 1^5 + 2^8 + 7^2 + 18^0 = 13 + 15 + 28 + 72 + 180 \\ 308 &:= 1^3 + 1^9 + 2^4 + 8^0 + 17^2 = 13 + 19 + 24 + 80 + 172 \\ 308 &:= 1^3 + 1^9 + 4^4 + 7^2 + 16^0 = 13 + 19 + 44 + 72 + 160 \\ 308 &:= 1^4 + 1^4 + 2^8 + 7^2 + 18^0 = 14 + 14 + 28 + 72 + 180 \\ 308 &:= 1^4 + 1^8 + 2^4 + 8^0 + 17^2 = 14 + 18 + 24 + 80 + 172 \\ 308 &:= 1^4 + 1^8 + 4^4 + 7^2 + 16^0 = 14 + 18 + 44 + 72 + 160 \\ 308 &:= 1^4 + 2^0 + 4^0 + 7^2 + 16^2 = 14 + 20 + 40 + 72 + 162 \\ 308 &:= 1^4 + 2^0 + 4^2 + 6^0 + 17^2 = 14 + 20 + 42 + 60 + 172 \\ 308 &:= 1^4 + 2^5 + 2^8 + 6^0 + 18^1 = 14 + 25 + 28 + 60 + 181 \\ 308 &:= 1^4 + 3^0 + 3^0 + 7^2 + 16^2 = 14 + 30 + 30 + 72 + 162 \\ 308 &:= 1^4 + 3^0 + 4^2 + 5^0 + 17^2 = 14 + 30 + 42 + 50 + 172 \\ 308 &:= 1^4 + 4^0 + 4^0 + 4^2 + 17^2 = 14 + 40 + 40 + 42 + 172 \\ 308 &:= 1^5 + 1^7 + 2^4 + 8^0 + 17^2 = 15 + 17 + 24 + 80 + 172 \\ 308 &:= 1^5 + 1^7 + 4^4 + 7^2 + 16^0 = 15 + 17 + 44 + 72 + 160 \\ 308 &:= 1^5 + 1^9 + 4^0 + 7^2 + 16^2 = 15 + 19 + 40 + 72 + 162 \\ 308 &:= 1^5 + 1^9 + 4^2 + 6^0 + 17^2 = 15 + 19 + 42 + 60 + 172 \\ 308 &:= 1^6 + 1^6 + 2^4 + 8^0 + 17^2 = 16 + 16 + 24 + 80 + 172 \\ 308 &:= 1^6 + 1^6 + 4^4 + 7^2 + 16^0 = 16 + 16 + 44 + 72 + 160 \\ 308 &:= 1^6 + 1^8 + 4^0 + 7^2 + 16^2 = 16 + 18 + 40 + 72 + 162 \\ 308 &:= 1^6 + 1^8 + 4^2 + 6^0 + 17^2 = 16 + 18 + 42 + 60 + 172 \\ 308 &:= 1^6 + 2^8 + 5^2 + 5^2 + 16^0 = 16 + 28 + 52 + 52 + 160 \\ 308 &:= 1^7 + 1^7 + 4^0 + 7^2 + 16^2 = 17 + 17 + 40 + 72 + 162 \\ 308 &:= 1^7 + 1^7 + 4^2 + 6^0 + 17^2 = 17 + 17 + 42 + 60 + 172 \\ 308 &:= 1^7 + 2^7 + 3^2 + 10^0 + 13^2 = 17 + 27 + 32 + 100 + 132 \\ 308 &:= 1^7 + 2^8 + 6^0 + 6^2 + 14^1 = 17 + 28 + 60 + 62 + 141 \\ 308 &:= 1^8 + 2^0 + 2^8 + 7^2 + 17^0 = 18 + 20 + 28 + 72 + 170 \\ 308 &:= 1^8 + 2^5 + 4^0 + 4^4 + 18^1 = 18 + 25 + 40 + 44 + 181 \\ 308 &:= 1^8 + 2^6 + 4^0 + 11^2 + 11^2 = 18 + 26 + 40 + 112 + 112 \\ 308 &:= 1^8 + 2^7 + 4^0 + 9^1 + 13^2 = 18 + 27 + 40 + 91 + 132 \\ 308 &:= 1^8 + 2^8 + 3^0 + 7^2 + 16^0 = 18 + 28 + 30 + 72 + 160 \end{aligned}$$

$$\begin{aligned}
 308 &:= 1^8 + 2^8 + 4^0 + 7^2 + 15^0 = 18 + 28 + 40 + 72 + 150 \\
 308 &:= 1^8 + 2^8 + 5^0 + 7^2 + 14^0 = 18 + 28 + 50 + 72 + 140 \\
 308 &:= 1^8 + 2^8 + 6^0 + 7^2 + 13^0 = 18 + 28 + 60 + 72 + 130 \\
 308 &:= 1^8 + 2^8 + 7^0 + 7^2 + 12^0 = 18 + 28 + 70 + 72 + 120 \\
 308 &:= 1^8 + 2^8 + 7^2 + 8^0 + 11^0 = 18 + 28 + 72 + 80 + 110 \\
 308 &:= 1^8 + 2^8 + 7^2 + 9^0 + 10^0 = 18 + 28 + 72 + 90 + 100 \\
 308 &:= 1^8 + 3^3 + 3^5 + 6^2 + 16^0 = 18 + 33 + 35 + 62 + 160 \\
 308 &:= 1^8 + 3^4 + 3^4 + 10^0 + 12^2 = 18 + 34 + 34 + 100 + 122 \\
 308 &:= 1^9 + 1^9 + 2^8 + 7^2 + 17^0 = 19 + 19 + 28 + 72 + 170 \\
 308 &:= 1^9 + 2^5 + 4^0 + 7^2 + 15^2 = 19 + 25 + 40 + 72 + 152 \\
 308 &:= 1^9 + 3^2 + 3^4 + 6^3 + 16^0 = 19 + 32 + 34 + 63 + 160 \\
 308 &:= 1^9 + 3^4 + 5^3 + 10^0 + 10^2 = 19 + 34 + 53 + 100 + 102 \\
 308 &:= 2^0 + 2^0 + 2^4 + 11^2 + 13^2 = 20 + 20 + 24 + 112 + 132 \\
 308 &:= 2^0 + 3^4 + 4^0 + 9^2 + 12^2 = 20 + 34 + 40 + 92 + 122 \\
 308 &:= 2^0 + 3^4 + 6^3 + 9^1 + 10^0 = 20 + 34 + 63 + 91 + 100 \\
 308 &:= 2^0 + 3^5 + 4^0 + 7^2 + 14^1 = 20 + 35 + 40 + 72 + 141 \\
 308 &:= 2^0 + 4^4 + 5^2 + 5^2 + 14^0 = 20 + 44 + 52 + 52 + 140 \\
 308 &:= 2^1 + 2^1 + 2^3 + 7^1 + 17^2 = 21 + 21 + 23 + 71 + 172 \\
 308 &:= 2^1 + 2^3 + 3^1 + 6^1 + 17^2 = 21 + 23 + 31 + 61 + 172 \\
 308 &:= 2^1 + 2^3 + 4^1 + 5^1 + 17^2 = 21 + 23 + 41 + 51 + 172 \\
 308 &:= 2^1 + 4^2 + 4^3 + 5^0 + 15^2 = 21 + 42 + 43 + 50 + 152 \\
 308 &:= 2^1 + 4^4 + 5^0 + 6^2 + 13^1 = 21 + 44 + 50 + 62 + 131 \\
 308 &:= 2^1 + 5^0 + 5^3 + 6^2 + 12^2 = 21 + 50 + 53 + 62 + 122 \\
 308 &:= 2^1 + 5^2 + 6^3 + 8^2 + 9^0 = 21 + 52 + 63 + 82 + 90 \\
 308 &:= 2^2 + 2^3 + 3^0 + 6^1 + 17^2 = 22 + 23 + 30 + 61 + 172 \\
 308 &:= 2^2 + 6^1 + 6^3 + 7^0 + 9^2 = 22 + 61 + 63 + 70 + 92
 \end{aligned}$$

$$\begin{aligned}
 308 &:= 2^3 + 2^4 + 2^8 + 3^3 + 20^0 = 23 + 24 + 28 + 33 + 200 \\
 308 &:= 2^3 + 3^1 + 3^1 + 5^1 + 17^2 = 23 + 31 + 31 + 51 + 172 \\
 308 &:= 2^3 + 3^1 + 4^1 + 4^1 + 17^2 = 23 + 31 + 41 + 41 + 172 \\
 308 &:= 2^4 + 2^4 + 2^5 + 3^5 + 20^0 = 24 + 24 + 25 + 35 + 200 \\
 308 &:= 2^4 + 2^5 + 2^8 + 3^1 + 20^0 = 24 + 25 + 28 + 31 + 200 \\
 308 &:= 2^6 + 3^4 + 3^4 + 3^4 + 18^0 = 26 + 34 + 34 + 34 + 180 \\
 308 &:= 3^0 + 3^0 + 3^4 + 9^2 + 12^2 = 30 + 30 + 34 + 92 + 122 \\
 308 &:= 3^0 + 3^0 + 3^5 + 7^2 + 14^1 = 30 + 30 + 35 + 72 + 141 \\
 308 &:= 3^0 + 3^4 + 6^3 + 9^0 + 9^1 = 30 + 34 + 63 + 90 + 91 \\
 308 &:= 3^0 + 4^4 + 5^2 + 5^2 + 13^0 = 30 + 44 + 52 + 52 + 130 \\
 308 &:= 3^1 + 4^4 + 5^0 + 6^2 + 12^1 = 31 + 44 + 50 + 62 + 121 \\
 308 &:= 3^2 + 4^1 + 5^0 + 5^3 + 13^2 = 32 + 41 + 50 + 53 + 132 \\
 308 &:= 3^4 + 4^0 + 6^3 + 8^0 + 9^1 = 34 + 40 + 63 + 80 + 91 \\
 308 &:= 3^4 + 5^0 + 6^3 + 7^0 + 9^1 = 34 + 50 + 63 + 70 + 91 \\
 308 &:= 3^4 + 6^0 + 6^0 + 6^3 + 9^1 = 34 + 60 + 60 + 63 + 91 \\
 308 &:= 4^0 + 4^4 + 5^2 + 5^2 + 12^0 = 40 + 44 + 52 + 52 + 120 \\
 308 &:= 4^1 + 4^4 + 5^0 + 6^2 + 11^1 = 41 + 44 + 50 + 62 + 111 \\
 308 &:= 4^4 + 5^0 + 5^1 + 6^2 + 10^1 = 44 + 50 + 51 + 62 + 101 \\
 308 &:= 4^4 + 5^0 + 5^2 + 5^2 + 11^0 = 44 + 50 + 52 + 52 + 110 \\
 308 &:= 4^4 + 5^0 + 6^1 + 6^2 + 9^1 = 44 + 50 + 61 + 62 + 91 \\
 308 &:= 4^4 + 5^0 + 6^2 + 7^1 + 8^1 = 44 + 50 + 62 + 71 + 81 \\
 308 &:= 4^4 + 5^2 + 5^2 + 6^0 + 10^0 = 44 + 52 + 52 + 60 + 100 \\
 308 &:= 4^4 + 5^2 + 5^2 + 7^0 + 9^0 = 44 + 52 + 52 + 70 + 90 \\
 308 &:= 4^4 + 5^2 + 5^2 + 8^0 + 8^0 = 44 + 52 + 52 + 80 + 80 \\
 308 &:= 5^0 + 6^1 + 6^2 + 6^3 + 7^2 = 50 + 61 + 62 + 63 + 72
 \end{aligned}$$

2.2.210 Number 309

$$\begin{aligned}
 309 &:= 1^1 + 3^5 + 4^3 + 22^0 = 11 + 35 + 43 + 220 \\
 309 &:= 1^2 + 3^5 + 8^2 + 18^0 = 12 + 35 + 82 + 180 \\
 309 &:= 1^8 + 2^6 + 3^5 + 23^0 = 18 + 26 + 35 + 230 \\
 309 &:= 3^3 + 4^4 + 5^2 + 18^0 = 33 + 44 + 52 + 180 \\
 309 &:= 3^5 + 4^2 + 7^2 + 16^0 = 35 + 42 + 72 + 160 \\
 309 &:= 1^0 + 1^3 + 3^4 + 10^0 + 15^2 = 10 + 13 + 34 + 100 + 152 \\
 309 &:= 1^0 + 1^5 + 4^0 + 9^2 + 15^2 = 10 + 15 + 40 + 92 + 152 \\
 309 &:= 1^0 + 3^3 + 4^3 + 6^3 + 16^0 = 10 + 33 + 43 + 63 + 160 \\
 309 &:= 1^1 + 1^2 + 3^4 + 10^0 + 15^2 = 11 + 12 + 34 + 100 + 152
 \end{aligned}$$

$$\begin{aligned}
 309 &:= 1^1 + 1^4 + 4^0 + 9^2 + 15^2 = 11 + 14 + 40 + 92 + 152 \\
 309 &:= 1^1 + 3^3 + 6^3 + 8^2 + 12^0 = 11 + 33 + 63 + 82 + 120 \\
 309 &:= 1^1 + 3^4 + 6^3 + 10^0 + 10^1 = 11 + 34 + 63 + 100 + 101 \\
 309 &:= 1^1 + 3^5 + 4^0 + 7^2 + 15^1 = 11 + 35 + 40 + 72 + 151 \\
 309 &:= 1^2 + 1^3 + 4^0 + 9^2 + 15^2 = 12 + 13 + 40 + 92 + 152 \\
 309 &:= 1^2 + 2^1 + 2^4 + 8^0 + 17^2 = 12 + 21 + 24 + 80 + 172 \\
 309 &:= 1^2 + 2^1 + 4^4 + 7^2 + 16^0 = 12 + 21 + 44 + 72 + 160 \\
 309 &:= 1^2 + 4^0 + 4^4 + 6^2 + 15^1 = 12 + 40 + 44 + 62 + 151 \\
 309 &:= 1^3 + 2^0 + 3^4 + 9^0 + 15^2 = 13 + 20 + 34 + 90 + 152
 \end{aligned}$$

$$\begin{aligned} 309 &:= 1^3 + 3^0 + 3^4 + 8^0 + 15^2 = 13 + 30 + 34 + 80 + 152 \\ 309 &:= 1^3 + 3^2 + 3^2 + 6^0 + 17^2 = 13 + 32 + 32 + 60 + 172 \\ 309 &:= 1^3 + 3^4 + 4^0 + 7^0 + 15^2 = 13 + 34 + 40 + 70 + 152 \\ 309 &:= 1^3 + 3^4 + 5^0 + 6^0 + 15^2 = 13 + 34 + 50 + 60 + 152 \\ 309 &:= 1^3 + 4^0 + 6^3 + 9^2 + 10^1 = 13 + 40 + 63 + 92 + 101 \\ 309 &:= 1^4 + 1^9 + 3^4 + 9^0 + 15^2 = 14 + 19 + 34 + 90 + 152 \\ 309 &:= 1^4 + 2^1 + 4^0 + 7^2 + 16^2 = 14 + 21 + 40 + 72 + 162 \\ 309 &:= 1^4 + 2^1 + 4^2 + 6^0 + 17^2 = 14 + 21 + 42 + 60 + 172 \\ 309 &:= 1^4 + 2^4 + 2^8 + 4^2 + 20^1 = 14 + 24 + 28 + 42 + 201 \\ 309 &:= 1^4 + 2^5 + 2^5 + 3^5 + 21^0 = 14 + 25 + 25 + 35 + 210 \\ 309 &:= 1^4 + 2^6 + 2^6 + 11^1 + 13^2 = 14 + 26 + 26 + 111 + 132 \\ 309 &:= 1^5 + 1^8 + 3^4 + 9^0 + 15^2 = 15 + 18 + 34 + 90 + 152 \\ 309 &:= 1^5 + 2^0 + 3^0 + 9^2 + 15^2 = 15 + 20 + 30 + 92 + 152 \\ 309 &:= 1^5 + 2^2 + 2^8 + 3^3 + 21^1 = 15 + 22 + 28 + 33 + 211 \\ 309 &:= 1^5 + 2^3 + 2^8 + 5^2 + 19^1 = 15 + 23 + 28 + 52 + 191 \\ 309 &:= 1^5 + 2^5 + 2^8 + 5^0 + 19^1 = 15 + 25 + 28 + 50 + 191 \\ 309 &:= 1^6 + 1^7 + 3^4 + 9^0 + 15^2 = 16 + 17 + 34 + 90 + 152 \\ 309 &:= 1^6 + 1^9 + 3^0 + 9^2 + 15^2 = 16 + 19 + 30 + 92 + 152 \\ 309 &:= 1^6 + 2^4 + 2^4 + 4^4 + 20^1 = 16 + 24 + 24 + 44 + 201 \\ 309 &:= 1^6 + 2^8 + 3^2 + 5^2 + 18^1 = 16 + 28 + 32 + 52 + 181 \\ 309 &:= 1^7 + 1^8 + 3^0 + 9^2 + 15^2 = 17 + 18 + 30 + 92 + 152 \\ 309 &:= 1^7 + 2^6 + 3^3 + 6^3 + 17^0 = 17 + 26 + 33 + 63 + 170 \\ 309 &:= 1^7 + 2^6 + 6^2 + 8^2 + 12^2 = 17 + 26 + 62 + 82 + 122 \\ 309 &:= 1^8 + 2^1 + 2^8 + 7^2 + 17^0 = 18 + 21 + 28 + 72 + 170 \\ 309 &:= 1^8 + 2^4 + 3^3 + 11^2 + 12^2 = 18 + 24 + 33 + 112 + 122 \\ 309 &:= 1^8 + 2^5 + 4^2 + 8^2 + 14^2 = 18 + 25 + 42 + 82 + 142 \\ 309 &:= 1^8 + 2^8 + 5^0 + 6^2 + 15^1 = 18 + 28 + 50 + 62 + 151 \\ 309 &:= 1^9 + 2^2 + 2^4 + 12^2 + 12^2 = 19 + 22 + 24 + 122 + 122 \\ 309 &:= 1^9 + 2^4 + 6^3 + 8^2 + 12^1 = 19 + 24 + 63 + 82 + 121 \\ 309 &:= 1^9 + 2^5 + 3^0 + 4^4 + 19^1 = 19 + 25 + 30 + 44 + 191 \\ 309 &:= 1^9 + 2^7 + 3^0 + 10^1 + 13^2 = 19 + 27 + 30 + 101 + 132 \\ 309 &:= 1^9 + 3^4 + 5^2 + 9^2 + 11^2 = 19 + 34 + 52 + 92 + 112 \\ 309 &:= 1^9 + 3^5 + 5^2 + 5^2 + 15^1 = 19 + 35 + 52 + 52 + 151 \\ 309 &:= 2^0 + 2^1 + 2^4 + 11^2 + 13^2 = 20 + 21 + 24 + 112 + 132 \\ 309 &:= 2^0 + 2^2 + 2^3 + 10^2 + 14^2 = 20 + 22 + 23 + 102 + 142 \\ 309 &:= 2^0 + 2^2 + 3^3 + 9^2 + 14^2 = 20 + 22 + 33 + 92 + 142 \\ 309 &:= 2^0 + 2^4 + 3^1 + 8^2 + 15^2 = 20 + 24 + 31 + 82 + 152 \end{aligned}$$

$$\begin{aligned} 309 &:= 2^0 + 3^3 + 4^3 + 6^3 + 15^0 = 20 + 33 + 43 + 63 + 150 \\ 309 &:= 2^0 + 3^4 + 5^2 + 6^1 + 14^2 = 20 + 34 + 52 + 61 + 142 \\ 309 &:= 2^1 + 3^4 + 4^0 + 9^2 + 12^2 = 21 + 34 + 40 + 92 + 122 \\ 309 &:= 2^1 + 3^4 + 6^3 + 9^1 + 10^0 = 21 + 34 + 63 + 91 + 100 \\ 309 &:= 2^1 + 3^5 + 4^0 + 7^2 + 14^1 = 21 + 35 + 40 + 72 + 141 \\ 309 &:= 2^1 + 4^4 + 5^2 + 5^2 + 14^0 = 21 + 44 + 52 + 52 + 140 \\ 309 &:= 2^2 + 2^4 + 2^5 + 2^8 + 21^0 = 22 + 24 + 25 + 28 + 210 \\ 309 &:= 2^2 + 4^4 + 6^0 + 6^2 + 12^1 = 22 + 44 + 60 + 62 + 121 \\ 309 &:= 2^3 + 2^3 + 2^4 + 2^8 + 21^1 = 23 + 23 + 24 + 28 + 211 \\ 309 &:= 2^3 + 2^3 + 3^1 + 6^0 + 17^2 = 23 + 23 + 31 + 60 + 172 \\ 309 &:= 2^3 + 3^1 + 6^3 + 9^2 + 10^0 = 23 + 31 + 63 + 92 + 100 \\ 309 &:= 2^3 + 4^0 + 5^3 + 6^1 + 13^2 = 23 + 40 + 53 + 61 + 132 \\ 309 &:= 2^4 + 2^5 + 2^7 + 11^2 + 12^1 = 24 + 25 + 27 + 112 + 121 \\ 309 &:= 2^4 + 2^6 + 2^7 + 10^2 + 13^0 = 24 + 26 + 27 + 102 + 130 \\ 309 &:= 2^7 + 2^7 + 3^3 + 5^2 + 17^0 = 27 + 27 + 33 + 52 + 170 \\ 309 &:= 3^0 + 3^3 + 4^3 + 6^3 + 14^0 = 30 + 33 + 43 + 63 + 140 \\ 309 &:= 3^1 + 3^4 + 6^3 + 8^1 + 10^0 = 31 + 34 + 63 + 81 + 100 \\ 309 &:= 3^1 + 3^5 + 4^0 + 7^2 + 13^1 = 31 + 35 + 40 + 72 + 131 \\ 309 &:= 3^1 + 4^3 + 5^2 + 6^3 + 12^0 = 31 + 43 + 52 + 63 + 120 \\ 309 &:= 3^2 + 3^3 + 4^0 + 4^2 + 16^2 = 32 + 33 + 40 + 42 + 162 \\ 309 &:= 3^2 + 4^4 + 6^2 + 7^1 + 10^0 = 32 + 44 + 62 + 71 + 100 \\ 309 &:= 3^3 + 4^0 + 4^3 + 6^3 + 13^0 = 33 + 40 + 43 + 63 + 130 \\ 309 &:= 3^3 + 4^3 + 5^0 + 6^3 + 12^0 = 33 + 43 + 50 + 63 + 120 \\ 309 &:= 3^3 + 4^3 + 6^0 + 6^3 + 11^0 = 33 + 43 + 60 + 63 + 110 \\ 309 &:= 3^3 + 4^3 + 6^3 + 7^0 + 10^0 = 33 + 43 + 63 + 70 + 100 \\ 309 &:= 3^3 + 4^3 + 6^3 + 8^0 + 9^0 = 33 + 43 + 63 + 80 + 90 \\ 309 &:= 3^4 + 4^1 + 6^3 + 7^1 + 10^0 = 34 + 41 + 63 + 71 + 100 \\ 309 &:= 3^4 + 5^1 + 6^1 + 6^3 + 10^0 = 34 + 51 + 61 + 63 + 100 \\ 309 &:= 3^5 + 4^0 + 4^1 + 7^2 + 12^1 = 35 + 40 + 41 + 72 + 121 \\ 309 &:= 3^5 + 4^0 + 5^1 + 7^2 + 11^1 = 35 + 40 + 51 + 72 + 111 \\ 309 &:= 3^5 + 4^0 + 6^1 + 7^2 + 10^1 = 35 + 40 + 61 + 72 + 101 \\ 309 &:= 3^5 + 4^0 + 7^1 + 7^2 + 9^1 = 35 + 40 + 71 + 72 + 91 \\ 309 &:= 3^5 + 4^0 + 7^2 + 8^1 + 8^1 = 35 + 40 + 72 + 81 + 81 \\ 309 &:= 4^0 + 4^2 + 4^3 + 6^3 + 12^1 = 40 + 42 + 43 + 63 + 121 \\ 309 &:= 4^0 + 5^3 + 5^3 + 7^2 + 9^1 = 40 + 53 + 53 + 72 + 91 \\ 309 &:= 4^2 + 4^4 + 5^2 + 6^0 + 11^1 = 42 + 44 + 52 + 60 + 111 \end{aligned}$$

2.2.211 Number 310

$$\begin{aligned} 310 &:= 1^4 + 7^2 + 8^2 + 14^2 &= 14 + 72 + 82 + 142 \\ 310 &:= 2^4 + 5^2 + 10^2 + 13^2 &= 24 + 52 + 102 + 132 \\ 310 &:= 2^4 + 6^3 + 8^2 + 14^1 &= 24 + 63 + 82 + 141 \\ 310 &:= 2^4 + 7^2 + 7^2 + 14^2 &= 24 + 72 + 72 + 142 \\ 310 &:= 2^5 + 3^0 + 4^4 + 21^1 &= 25 + 30 + 44 + 211 \\ 310 &:= 2^6 + 7^0 + 7^2 + 14^2 &= 26 + 70 + 72 + 142 \\ 310 &:= 2^7 + 3^0 + 12^1 + 13^2 &= 27 + 30 + 121 + 132 \\ 310 &:= 3^5 + 5^2 + 5^2 + 17^1 &= 35 + 52 + 52 + 171 \\ 310 &:= 1^0 + 1^2 + 3^5 + 4^3 + 21^0 &= 10 + 12 + 35 + 43 + 210 \\ 310 &:= 1^0 + 1^3 + 3^5 + 8^2 + 17^0 &= 10 + 13 + 35 + 82 + 170 \\ 310 &:= 1^0 + 1^9 + 2^6 + 3^5 + 22^0 &= 10 + 19 + 26 + 35 + 220 \\ 310 &:= 1^0 + 2^4 + 4^2 + 9^2 + 14^2 &= 10 + 24 + 42 + 92 + 142 \\ 310 &:= 1^0 + 2^4 + 4^4 + 6^2 + 17^0 &= 10 + 24 + 44 + 62 + 170 \\ 310 &:= 1^0 + 2^4 + 6^3 + 8^2 + 13^1 &= 10 + 24 + 63 + 82 + 131 \\ 310 &:= 1^0 + 2^5 + 3^0 + 4^4 + 20^1 &= 10 + 25 + 30 + 44 + 201 \\ 310 &:= 1^0 + 2^6 + 5^0 + 10^2 + 12^2 &= 10 + 26 + 50 + 102 + 122 \\ 310 &:= 1^0 + 2^7 + 3^0 + 11^1 + 13^2 &= 10 + 27 + 30 + 111 + 132 \\ 310 &:= 1^0 + 3^4 + 8^2 + 8^2 + 10^2 &= 10 + 34 + 82 + 82 + 102 \\ 310 &:= 1^0 + 3^5 + 5^2 + 5^2 + 16^1 &= 10 + 35 + 52 + 52 + 161 \\ 310 &:= 1^1 + 1^1 + 3^5 + 4^3 + 21^0 &= 11 + 11 + 35 + 43 + 210 \\ 310 &:= 1^1 + 1^2 + 3^5 + 8^2 + 17^0 &= 11 + 12 + 35 + 82 + 170 \\ 310 &:= 1^1 + 1^8 + 2^6 + 3^5 + 22^0 &= 11 + 18 + 26 + 35 + 220 \\ 310 &:= 1^1 + 2^4 + 3^1 + 11^2 + 13^2 &= 11 + 24 + 31 + 112 + 132 \\ 310 &:= 1^1 + 2^4 + 4^1 + 8^2 + 15^2 &= 11 + 24 + 41 + 82 + 152 \\ 310 &:= 1^1 + 3^3 + 4^4 + 5^2 + 17^0 &= 11 + 33 + 44 + 52 + 170 \\ 310 &:= 1^1 + 3^4 + 5^2 + 7^1 + 14^2 &= 11 + 34 + 52 + 71 + 142 \\ 310 &:= 1^1 + 3^5 + 4^2 + 7^2 + 15^0 &= 11 + 35 + 42 + 72 + 150 \\ 310 &:= 1^2 + 1^7 + 2^6 + 3^5 + 22^0 &= 12 + 17 + 26 + 35 + 220 \\ 310 &:= 1^2 + 2^0 + 3^5 + 4^3 + 20^0 &= 12 + 20 + 35 + 43 + 200 \\ 310 &:= 1^2 + 2^2 + 2^3 + 8^1 + 17^2 &= 12 + 22 + 23 + 81 + 172 \\ 310 &:= 1^2 + 2^2 + 3^2 + 10^2 + 14^2 &= 12 + 22 + 32 + 102 + 142 \\ 310 &:= 1^2 + 2^2 + 4^2 + 8^2 + 15^2 &= 12 + 22 + 42 + 82 + 152 \\ 310 &:= 1^2 + 2^4 + 5^0 + 6^2 + 16^2 &= 12 + 24 + 50 + 62 + 162 \\ 310 &:= 1^2 + 3^0 + 3^5 + 4^3 + 19^0 &= 12 + 30 + 35 + 43 + 190 \\ 310 &:= 1^2 + 3^0 + 3^5 + 7^2 + 16^1 &= 12 + 30 + 35 + 72 + 161 \\ 310 &:= 1^2 + 3^1 + 4^3 + 11^2 + 11^2 &= 12 + 31 + 43 + 112 + 112 \end{aligned}$$

$$\begin{aligned} 310 &:= 1^2 + 3^4 + 6^3 + 9^0 + 11^1 &= 12 + 34 + 63 + 90 + 111 \\ 310 &:= 1^2 + 3^5 + 4^0 + 4^3 + 18^0 &= 12 + 35 + 40 + 43 + 180 \\ 310 &:= 1^2 + 3^5 + 4^3 + 10^0 + 12^0 &= 12 + 35 + 43 + 100 + 120 \\ 310 &:= 1^2 + 3^5 + 4^3 + 11^0 + 11^0 &= 12 + 35 + 43 + 110 + 110 \\ 310 &:= 1^2 + 3^5 + 4^3 + 5^0 + 17^0 &= 12 + 35 + 43 + 50 + 170 \\ 310 &:= 1^2 + 3^5 + 4^3 + 6^0 + 16^0 &= 12 + 35 + 43 + 60 + 160 \\ 310 &:= 1^2 + 3^5 + 4^3 + 7^0 + 15^0 &= 12 + 35 + 43 + 70 + 150 \\ 310 &:= 1^2 + 3^5 + 4^3 + 8^0 + 14^0 &= 12 + 35 + 43 + 80 + 140 \\ 310 &:= 1^2 + 3^5 + 4^3 + 9^0 + 13^0 &= 12 + 35 + 43 + 90 + 130 \\ 310 &:= 1^2 + 4^2 + 4^4 + 6^2 + 15^0 &= 12 + 42 + 44 + 62 + 150 \\ 310 &:= 1^3 + 1^6 + 2^6 + 3^5 + 22^0 &= 13 + 16 + 26 + 35 + 220 \\ 310 &:= 1^3 + 1^9 + 3^5 + 4^3 + 20^0 &= 13 + 19 + 35 + 43 + 200 \\ 310 &:= 1^3 + 2^0 + 3^5 + 8^2 + 16^0 &= 13 + 20 + 35 + 82 + 160 \\ 310 &:= 1^3 + 2^1 + 3^4 + 9^0 + 15^2 &= 13 + 21 + 34 + 90 + 152 \\ 310 &:= 1^3 + 2^2 + 3^2 + 7^1 + 17^2 &= 13 + 22 + 32 + 71 + 172 \\ 310 &:= 1^3 + 2^4 + 3^1 + 7^0 + 17^2 &= 13 + 24 + 31 + 70 + 172 \\ 310 &:= 1^3 + 3^0 + 3^5 + 8^2 + 15^0 &= 13 + 30 + 35 + 82 + 150 \\ 310 &:= 1^3 + 3^0 + 4^3 + 10^2 + 12^2 &= 13 + 30 + 43 + 102 + 122 \\ 310 &:= 1^3 + 3^0 + 4^4 + 6^2 + 16^1 &= 13 + 30 + 44 + 62 + 161 \\ 310 &:= 1^3 + 3^1 + 4^4 + 7^2 + 15^0 &= 13 + 31 + 44 + 72 + 150 \\ 310 &:= 1^3 + 3^1 + 5^2 + 5^2 + 16^2 &= 13 + 31 + 52 + 52 + 162 \\ 310 &:= 1^3 + 3^3 + 5^0 + 5^2 + 16^2 &= 13 + 33 + 50 + 52 + 162 \\ 310 &:= 1^3 + 3^5 + 4^0 + 8^2 + 14^0 &= 13 + 35 + 40 + 82 + 140 \\ 310 &:= 1^3 + 3^5 + 5^0 + 8^2 + 13^0 &= 13 + 35 + 50 + 82 + 130 \\ 310 &:= 1^3 + 3^5 + 6^0 + 8^2 + 12^0 &= 13 + 35 + 60 + 82 + 120 \\ 310 &:= 1^3 + 3^5 + 7^0 + 8^2 + 11^0 &= 13 + 35 + 70 + 82 + 110 \\ 310 &:= 1^3 + 3^5 + 8^0 + 8^2 + 10^0 &= 13 + 35 + 80 + 82 + 100 \\ 310 &:= 1^3 + 3^5 + 8^2 + 9^0 + 9^0 &= 13 + 35 + 82 + 90 + 90 \\ 310 &:= 1^4 + 1^5 + 2^6 + 3^5 + 22^0 &= 14 + 15 + 26 + 35 + 220 \\ 310 &:= 1^4 + 1^8 + 3^5 + 4^3 + 20^0 &= 14 + 18 + 35 + 43 + 200 \\ 310 &:= 1^4 + 1^9 + 3^5 + 8^2 + 16^0 &= 14 + 19 + 35 + 82 + 160 \\ 310 &:= 1^4 + 3^0 + 4^2 + 6^2 + 16^2 &= 14 + 30 + 42 + 62 + 162 \\ 310 &:= 1^4 + 3^0 + 6^3 + 9^2 + 11^1 &= 14 + 30 + 63 + 92 + 111 \\ 310 &:= 1^5 + 1^7 + 3^5 + 4^3 + 20^0 &= 15 + 17 + 35 + 43 + 200 \\ 310 &:= 1^5 + 1^8 + 3^5 + 8^2 + 16^0 &= 15 + 18 + 35 + 82 + 160 \\ 310 &:= 1^5 + 2^1 + 3^0 + 9^2 + 15^2 &= 15 + 21 + 30 + 92 + 152 \end{aligned}$$

$$\begin{aligned} 310 &:= 1^5 + 3^0 + 3^1 + 7^2 + 16^2 = 15 + 30 + 31 + 72 + 162 \\ 310 &:= 1^5 + 3^1 + 4^2 + 5^0 + 17^2 = 15 + 31 + 42 + 50 + 172 \\ 310 &:= 1^6 + 1^6 + 3^5 + 4^3 + 20^0 = 16 + 16 + 35 + 43 + 200 \\ 310 &:= 1^6 + 1^7 + 3^5 + 8^2 + 16^0 = 16 + 17 + 35 + 82 + 160 \\ 310 &:= 1^6 + 2^4 + 2^8 + 6^2 + 18^0 = 16 + 24 + 28 + 62 + 180 \\ 310 &:= 1^6 + 2^5 + 2^8 + 4^0 + 20^1 = 16 + 25 + 28 + 40 + 201 \\ 310 &:= 1^7 + 2^8 + 3^3 + 5^2 + 18^0 = 17 + 28 + 33 + 52 + 180 \\ 310 &:= 1^8 + 2^8 + 4^2 + 6^2 + 16^0 = 18 + 28 + 42 + 62 + 160 \\ 310 &:= 1^9 + 2^0 + 2^6 + 3^5 + 21^0 = 19 + 20 + 26 + 35 + 210 \\ 310 &:= 1^9 + 2^4 + 3^5 + 7^2 + 16^0 = 19 + 24 + 35 + 72 + 160 \\ 310 &:= 1^9 + 2^6 + 3^0 + 3^5 + 20^0 = 19 + 26 + 30 + 35 + 200 \\ 310 &:= 1^9 + 2^6 + 3^5 + 10^0 + 13^0 = 19 + 26 + 35 + 100 + 130 \\ 310 &:= 1^9 + 2^6 + 3^5 + 11^0 + 12^0 = 19 + 26 + 35 + 110 + 120 \\ 310 &:= 1^9 + 2^6 + 3^5 + 4^0 + 19^0 = 19 + 26 + 35 + 40 + 190 \\ 310 &:= 1^9 + 2^6 + 3^5 + 5^0 + 18^0 = 19 + 26 + 35 + 50 + 180 \\ 310 &:= 1^9 + 2^6 + 3^5 + 6^0 + 17^0 = 19 + 26 + 35 + 60 + 170 \\ 310 &:= 1^9 + 2^6 + 3^5 + 7^0 + 16^0 = 19 + 26 + 35 + 70 + 160 \\ 310 &:= 1^9 + 2^6 + 3^5 + 8^0 + 15^0 = 19 + 26 + 35 + 80 + 150 \\ 310 &:= 1^9 + 2^6 + 3^5 + 9^0 + 14^0 = 19 + 26 + 35 + 90 + 140 \\ 310 &:= 1^9 + 2^7 + 6^2 + 8^0 + 12^2 = 19 + 27 + 62 + 80 + 122 \\ 310 &:= 1^9 + 2^8 + 3^1 + 7^2 + 16^0 = 19 + 28 + 31 + 72 + 160 \\ 310 &:= 1^9 + 2^8 + 4^0 + 6^2 + 16^1 = 19 + 28 + 40 + 62 + 161 \\ 310 &:= 2^0 + 2^0 + 2^5 + 4^4 + 20^1 = 20 + 20 + 25 + 44 + 201 \\ 310 &:= 2^0 + 2^0 + 2^7 + 11^1 + 13^2 = 20 + 20 + 27 + 111 + 132 \\ 310 &:= 2^0 + 2^4 + 4^4 + 6^2 + 16^0 = 20 + 24 + 44 + 62 + 160 \\ 310 &:= 2^0 + 2^5 + 2^7 + 2^7 + 21^1 = 20 + 25 + 27 + 27 + 211 \\ 310 &:= 2^0 + 2^6 + 4^0 + 10^2 + 12^2 = 20 + 26 + 40 + 102 + 122 \\ 310 &:= 2^1 + 2^1 + 2^4 + 11^2 + 13^2 = 21 + 21 + 24 + 112 + 132 \\ 310 &:= 2^1 + 2^2 + 2^3 + 10^2 + 14^2 = 21 + 22 + 23 + 102 + 142 \\ 310 &:= 2^1 + 2^2 + 3^3 + 9^2 + 14^2 = 21 + 22 + 33 + 92 + 142 \\ 310 &:= 2^1 + 2^4 + 3^1 + 8^2 + 15^2 = 21 + 24 + 31 + 82 + 152 \\ 310 &:= 2^1 + 3^3 + 4^3 + 6^3 + 15^0 = 21 + 33 + 43 + 63 + 150 \\ 310 &:= 2^1 + 3^4 + 5^2 + 6^1 + 14^2 = 21 + 34 + 52 + 61 + 142 \\ 310 &:= 2^2 + 2^2 + 5^3 + 8^1 + 13^2 = 22 + 22 + 53 + 81 + 132 \\ 310 &:= 2^2 + 2^3 + 2^3 + 7^0 + 17^2 = 22 + 23 + 23 + 70 + 172 \\ 310 &:= 2^2 + 2^3 + 6^3 + 9^2 + 11^0 = 22 + 23 + 63 + 92 + 110 \\ 310 &:= 2^2 + 2^4 + 3^0 + 8^2 + 15^2 = 22 + 24 + 30 + 82 + 152 \end{aligned}$$

$$\begin{aligned} 310 &:= 2^2 + 3^2 + 4^2 + 5^2 + 16^2 = 22 + 32 + 42 + 52 + 162 \\ 310 &:= 2^2 + 3^4 + 6^3 + 8^1 + 11^0 = 22 + 34 + 63 + 81 + 110 \\ 310 &:= 2^2 + 3^5 + 5^0 + 7^2 + 13^1 = 22 + 35 + 50 + 72 + 131 \\ 310 &:= 2^2 + 4^2 + 6^3 + 8^2 + 10^1 = 22 + 42 + 63 + 82 + 101 \\ 310 &:= 2^2 + 4^3 + 5^2 + 6^3 + 13^0 = 22 + 43 + 52 + 63 + 130 \\ 310 &:= 2^3 + 3^0 + 3^3 + 7^2 + 15^2 = 23 + 30 + 33 + 72 + 152 \\ 310 &:= 2^3 + 4^4 + 6^2 + 9^0 + 9^1 = 23 + 44 + 62 + 90 + 91 \\ 310 &:= 2^3 + 6^2 + 6^3 + 7^2 + 9^0 = 23 + 62 + 63 + 72 + 90 \\ 310 &:= 2^4 + 3^0 + 4^4 + 6^2 + 15^0 = 24 + 30 + 44 + 62 + 150 \\ 310 &:= 2^4 + 4^0 + 4^4 + 6^2 + 14^0 = 24 + 40 + 44 + 62 + 140 \\ 310 &:= 2^4 + 4^1 + 4^3 + 5^0 + 15^2 = 24 + 41 + 43 + 50 + 152 \\ 310 &:= 2^4 + 4^4 + 5^0 + 6^2 + 13^0 = 24 + 44 + 50 + 62 + 130 \\ 310 &:= 2^4 + 4^4 + 6^0 + 6^2 + 12^0 = 24 + 44 + 60 + 62 + 120 \\ 310 &:= 2^4 + 4^4 + 6^2 + 7^0 + 11^0 = 24 + 44 + 62 + 70 + 110 \\ 310 &:= 2^4 + 4^4 + 6^2 + 8^0 + 10^0 = 24 + 44 + 62 + 80 + 100 \\ 310 &:= 2^4 + 4^4 + 6^2 + 9^0 + 9^0 = 24 + 44 + 62 + 90 + 90 \\ 310 &:= 2^5 + 3^0 + 3^1 + 7^2 + 15^2 = 25 + 30 + 31 + 72 + 152 \\ 310 &:= 2^5 + 3^0 + 4^2 + 5^1 + 16^2 = 25 + 30 + 42 + 51 + 162 \\ 310 &:= 2^6 + 3^0 + 3^0 + 10^2 + 12^2 = 26 + 30 + 30 + 102 + 122 \\ 310 &:= 3^0 + 3^2 + 3^3 + 4^4 + 17^1 = 30 + 32 + 33 + 44 + 171 \\ 310 &:= 3^0 + 3^3 + 4^3 + 7^2 + 13^2 = 30 + 33 + 43 + 72 + 132 \\ 310 &:= 3^0 + 3^5 + 4^2 + 6^2 + 14^1 = 30 + 35 + 42 + 62 + 141 \\ 310 &:= 3^0 + 4^3 + 4^3 + 9^2 + 10^2 = 30 + 43 + 43 + 92 + 102 \\ 310 &:= 3^1 + 3^2 + 3^4 + 6^3 + 15^0 = 31 + 32 + 34 + 63 + 150 \\ 310 &:= 3^1 + 3^4 + 5^1 + 5^2 + 14^2 = 31 + 34 + 51 + 52 + 142 \\ 310 &:= 3^1 + 3^4 + 5^3 + 9^0 + 10^2 = 31 + 34 + 53 + 90 + 102 \\ 310 &:= 3^1 + 5^2 + 5^3 + 6^2 + 11^2 = 31 + 52 + 53 + 62 + 112 \\ 310 &:= 3^2 + 3^5 + 7^2 + 8^1 + 9^0 = 32 + 35 + 72 + 81 + 90 \\ 310 &:= 3^3 + 3^4 + 5^0 + 5^1 + 14^2 = 33 + 34 + 50 + 51 + 142 \\ 310 &:= 3^3 + 4^2 + 4^4 + 9^0 + 10^1 = 33 + 42 + 44 + 90 + 101 \\ 310 &:= 3^3 + 5^0 + 5^3 + 6^2 + 11^2 = 33 + 50 + 53 + 62 + 112 \\ 310 &:= 3^4 + 4^1 + 4^1 + 5^2 + 14^2 = 34 + 41 + 41 + 52 + 142 \\ 310 &:= 3^4 + 4^2 + 4^2 + 5^0 + 14^2 = 34 + 42 + 42 + 50 + 142 \\ 310 &:= 3^5 + 5^1 + 5^2 + 6^2 + 11^0 = 35 + 51 + 52 + 62 + 110 \\ 310 &:= 5^2 + 5^2 + 6^2 + 6^3 + 8^1 = 52 + 52 + 62 + 63 + 81 \end{aligned}$$

2.2.212 Number 311

$$\begin{aligned} 311 &:= 2^6 + 5^3 + 11^2 + 12^0 = 26 + 53 + 112 + 120 \\ 311 &:= 2^8 + 4^0 + 6^2 + 18^1 = 28 + 40 + 62 + 181 \\ 311 &:= 2^8 + 5^1 + 7^2 + 16^0 = 28 + 51 + 72 + 160 \\ 311 &:= 1^0 + 2^5 + 3^4 + 10^0 + 14^2 = 10 + 25 + 34 + 100 + 142 \\ 311 &:= 1^0 + 2^7 + 8^0 + 9^2 + 10^2 = 10 + 27 + 80 + 92 + 102 \\ 311 &:= 1^0 + 2^8 + 4^0 + 6^2 + 17^1 = 10 + 28 + 40 + 62 + 171 \\ 311 &:= 1^0 + 2^8 + 4^1 + 7^2 + 16^0 = 10 + 28 + 41 + 72 + 160 \\ 311 &:= 1^1 + 2^0 + 2^5 + 4^4 + 21^1 = 11 + 20 + 25 + 44 + 211 \\ 311 &:= 1^1 + 2^0 + 2^7 + 12^1 + 13^2 = 11 + 20 + 27 + 121 + 132 \\ 311 &:= 1^1 + 2^5 + 2^7 + 2^7 + 22^1 = 11 + 25 + 27 + 27 + 221 \\ 311 &:= 1^1 + 2^6 + 6^0 + 7^2 + 14^2 = 11 + 26 + 60 + 72 + 142 \\ 311 &:= 1^2 + 1^9 + 2^5 + 4^4 + 21^1 = 12 + 19 + 25 + 44 + 211 \\ 311 &:= 1^2 + 1^9 + 2^7 + 12^1 + 13^2 = 12 + 19 + 27 + 121 + 132 \\ 311 &:= 1^2 + 2^1 + 3^5 + 4^3 + 20^0 = 12 + 21 + 35 + 43 + 200 \\ 311 &:= 1^2 + 2^5 + 4^0 + 9^2 + 14^2 = 12 + 25 + 40 + 92 + 142 \\ 311 &:= 1^3 + 1^8 + 2^5 + 4^4 + 21^1 = 13 + 18 + 25 + 44 + 211 \\ 311 &:= 1^3 + 1^8 + 2^7 + 12^1 + 13^2 = 13 + 18 + 27 + 121 + 132 \\ 311 &:= 1^3 + 2^0 + 3^5 + 7^2 + 17^1 = 13 + 20 + 35 + 72 + 171 \\ 311 &:= 1^3 + 2^1 + 3^5 + 8^2 + 16^0 = 13 + 21 + 35 + 82 + 160 \\ 311 &:= 1^3 + 2^2 + 2^4 + 8^0 + 17^2 = 13 + 22 + 24 + 80 + 172 \\ 311 &:= 1^3 + 2^2 + 4^4 + 7^2 + 16^0 = 13 + 22 + 44 + 72 + 160 \\ 311 &:= 1^3 + 3^4 + 6^3 + 8^0 + 12^1 = 13 + 34 + 63 + 80 + 121 \\ 311 &:= 1^4 + 1^7 + 2^5 + 4^4 + 21^1 = 14 + 17 + 25 + 44 + 211 \\ 311 &:= 1^4 + 1^7 + 2^7 + 12^1 + 13^2 = 14 + 17 + 27 + 121 + 132 \\ 311 &:= 1^4 + 1^9 + 3^5 + 7^2 + 17^1 = 14 + 19 + 35 + 72 + 171 \\ 311 &:= 1^4 + 2^0 + 4^4 + 6^2 + 17^1 = 14 + 20 + 44 + 62 + 171 \\ 311 &:= 1^4 + 2^4 + 2^4 + 2^8 + 22^1 = 14 + 24 + 24 + 28 + 221 \\ 311 &:= 1^4 + 2^4 + 4^1 + 6^0 + 17^2 = 14 + 24 + 41 + 60 + 172 \\ 311 &:= 1^4 + 2^7 + 2^7 + 6^2 + 18^1 = 14 + 27 + 27 + 62 + 181 \\ 311 &:= 1^4 + 3^1 + 3^4 + 8^0 + 15^2 = 14 + 31 + 34 + 80 + 152 \\ 311 &:= 1^4 + 4^0 + 4^3 + 7^2 + 14^2 = 14 + 40 + 43 + 72 + 142 \\ 311 &:= 1^4 + 4^1 + 4^4 + 7^2 + 14^0 = 14 + 41 + 44 + 72 + 140 \\ 311 &:= 1^5 + 1^6 + 2^5 + 4^4 + 21^1 = 15 + 16 + 25 + 44 + 211 \\ 311 &:= 1^5 + 1^6 + 2^7 + 12^1 + 13^2 = 15 + 16 + 27 + 121 + 132 \\ 311 &:= 1^5 + 1^8 + 3^5 + 7^2 + 17^1 = 15 + 18 + 35 + 72 + 171 \\ 311 &:= 1^5 + 1^9 + 4^4 + 6^2 + 17^1 = 15 + 19 + 44 + 62 + 171 \end{aligned}$$

$$\begin{aligned} 311 &:= 1^5 + 2^0 + 6^3 + 9^2 + 12^1 = 15 + 20 + 63 + 92 + 121 \\ 311 &:= 1^5 + 2^2 + 4^0 + 7^2 + 16^2 = 15 + 22 + 40 + 72 + 162 \\ 311 &:= 1^5 + 2^2 + 4^2 + 6^0 + 17^2 = 15 + 22 + 42 + 60 + 172 \\ 311 &:= 1^5 + 2^7 + 3^4 + 3^4 + 20^1 = 15 + 27 + 34 + 34 + 201 \\ 311 &:= 1^6 + 1^7 + 3^5 + 7^2 + 17^1 = 16 + 17 + 35 + 72 + 171 \\ 311 &:= 1^6 + 1^8 + 4^4 + 6^2 + 17^1 = 16 + 18 + 44 + 62 + 171 \\ 311 &:= 1^6 + 1^9 + 6^3 + 9^2 + 12^1 = 16 + 19 + 63 + 92 + 121 \\ 311 &:= 1^6 + 2^0 + 3^1 + 9^2 + 15^2 = 16 + 20 + 31 + 92 + 152 \\ 311 &:= 1^6 + 2^0 + 4^1 + 7^2 + 16^2 = 16 + 20 + 41 + 72 + 162 \\ 311 &:= 1^6 + 4^0 + 4^1 + 4^2 + 17^2 = 16 + 40 + 41 + 42 + 172 \\ 311 &:= 1^7 + 1^7 + 4^4 + 6^2 + 17^1 = 17 + 17 + 44 + 62 + 171 \\ 311 &:= 1^7 + 1^8 + 6^3 + 9^2 + 12^1 = 17 + 18 + 63 + 92 + 121 \\ 311 &:= 1^7 + 1^9 + 3^1 + 9^2 + 15^2 = 17 + 19 + 31 + 92 + 152 \\ 311 &:= 1^7 + 1^9 + 4^1 + 7^2 + 16^2 = 17 + 19 + 41 + 72 + 162 \\ 311 &:= 1^7 + 2^5 + 2^8 + 3^0 + 21^1 = 17 + 25 + 28 + 30 + 211 \\ 311 &:= 1^8 + 1^8 + 3^1 + 9^2 + 15^2 = 18 + 18 + 31 + 92 + 152 \\ 311 &:= 1^8 + 1^8 + 4^1 + 7^2 + 16^2 = 18 + 18 + 41 + 72 + 162 \\ 311 &:= 1^8 + 2^5 + 3^5 + 4^2 + 19^1 = 18 + 25 + 35 + 42 + 191 \\ 311 &:= 1^8 + 2^7 + 3^3 + 11^1 + 12^2 = 18 + 27 + 33 + 111 + 122 \\ 311 &:= 1^8 + 2^7 + 3^4 + 10^2 + 13^0 = 18 + 27 + 34 + 102 + 130 \\ 311 &:= 1^9 + 2^1 + 2^6 + 3^5 + 21^0 = 19 + 21 + 26 + 35 + 210 \\ 311 &:= 1^9 + 2^2 + 2^8 + 7^2 + 17^0 = 19 + 22 + 28 + 72 + 170 \\ 311 &:= 1^9 + 2^6 + 5^2 + 10^2 + 11^2 = 19 + 26 + 52 + 102 + 112 \\ 311 &:= 2^0 + 2^1 + 2^5 + 4^4 + 20^1 = 20 + 21 + 25 + 44 + 201 \\ 311 &:= 2^0 + 2^1 + 2^7 + 11^1 + 13^2 = 20 + 21 + 27 + 111 + 132 \\ 311 &:= 2^0 + 2^3 + 3^3 + 4^4 + 19^1 = 20 + 23 + 33 + 44 + 191 \\ 311 &:= 2^0 + 2^5 + 3^1 + 4^4 + 19^1 = 20 + 25 + 31 + 44 + 191 \\ 311 &:= 2^0 + 2^5 + 3^2 + 10^2 + 13^2 = 20 + 25 + 32 + 102 + 132 \\ 311 &:= 2^0 + 2^5 + 3^4 + 9^0 + 14^2 = 20 + 25 + 34 + 90 + 142 \\ 311 &:= 2^0 + 2^5 + 4^1 + 4^4 + 18^1 = 20 + 25 + 41 + 44 + 181 \\ 311 &:= 2^0 + 2^5 + 4^4 + 10^1 + 12^1 = 20 + 25 + 44 + 101 + 121 \\ 311 &:= 2^0 + 2^5 + 4^4 + 11^1 + 11^1 = 20 + 25 + 44 + 111 + 111 \\ 311 &:= 2^0 + 2^5 + 4^4 + 5^1 + 17^1 = 20 + 25 + 44 + 51 + 171 \\ 311 &:= 2^0 + 2^5 + 4^4 + 6^1 + 16^1 = 20 + 25 + 44 + 61 + 161 \\ 311 &:= 2^0 + 2^5 + 4^4 + 7^1 + 15^1 = 20 + 25 + 44 + 71 + 151 \\ 311 &:= 2^0 + 2^5 + 4^4 + 8^1 + 14^1 = 20 + 25 + 44 + 81 + 141 \end{aligned}$$

$$\begin{aligned}
 311 &:= 2^0 + 2^5 + 4^4 + 9^1 + 13^1 = 20 + 25 + 44 + 91 + 131 \\
 311 &:= 2^0 + 2^5 + 5^3 + 9^1 + 12^2 = 20 + 25 + 53 + 91 + 122 \\
 311 &:= 2^0 + 2^5 + 6^3 + 7^2 + 13^1 = 20 + 25 + 63 + 72 + 131 \\
 311 &:= 2^0 + 2^6 + 4^1 + 11^2 + 11^2 = 20 + 26 + 41 + 112 + 112 \\
 311 &:= 2^0 + 2^7 + 3^1 + 10^1 + 13^2 = 20 + 27 + 31 + 101 + 132 \\
 311 &:= 2^0 + 2^7 + 4^1 + 9^1 + 13^2 = 20 + 27 + 41 + 91 + 132 \\
 311 &:= 2^0 + 2^7 + 5^1 + 8^1 + 13^2 = 20 + 27 + 51 + 81 + 132 \\
 311 &:= 2^0 + 2^7 + 6^1 + 7^1 + 13^2 = 20 + 27 + 61 + 71 + 132 \\
 311 &:= 2^0 + 2^7 + 7^0 + 9^2 + 10^2 = 20 + 27 + 70 + 92 + 102 \\
 311 &:= 2^0 + 2^8 + 3^0 + 6^2 + 17^1 = 20 + 28 + 30 + 62 + 171 \\
 311 &:= 2^0 + 2^8 + 4^1 + 7^2 + 15^0 = 20 + 28 + 41 + 72 + 150 \\
 311 &:= 2^1 + 2^4 + 4^4 + 6^2 + 16^0 = 21 + 24 + 44 + 62 + 160 \\
 311 &:= 2^1 + 2^5 + 2^7 + 2^7 + 21^1 = 21 + 25 + 27 + 27 + 211 \\
 311 &:= 2^1 + 2^6 + 4^0 + 10^2 + 12^2 = 21 + 26 + 40 + 102 + 122 \\
 311 &:= 2^2 + 2^5 + 4^0 + 7^2 + 15^2 = 22 + 25 + 40 + 72 + 152 \\
 311 &:= 2^2 + 3^2 + 3^4 + 6^3 + 16^0 = 22 + 32 + 34 + 63 + 160 \\
 311 &:= 2^2 + 3^4 + 5^3 + 10^0 + 10^2 = 22 + 34 + 53 + 100 + 102 \\
 311 &:= 2^3 + 2^3 + 5^3 + 8^0 + 13^2 = 23 + 23 + 53 + 80 + 132 \\
 311 &:= 2^3 + 2^7 + 2^7 + 3^3 + 20^1 = 23 + 27 + 27 + 33 + 201 \\
 311 &:= 2^3 + 3^4 + 4^0 + 10^2 + 11^2 = 23 + 34 + 40 + 102 + 112 \\
 311 &:= 2^3 + 3^4 + 5^1 + 6^3 + 14^0 = 23 + 34 + 51 + 63 + 140 \\
 311 &:= 2^3 + 3^4 + 5^2 + 6^0 + 14^2 = 23 + 34 + 52 + 60 + 142 \\
 311 &:= 2^3 + 3^5 + 7^2 + 8^0 + 10^1 = 23 + 35 + 72 + 80 + 101 \\
 311 &:= 2^4 + 4^0 + 4^3 + 6^3 + 14^1 = 24 + 40 + 43 + 63 + 141 \\
 311 &:= 2^4 + 4^4 + 5^2 + 6^0 + 13^1 = 24 + 44 + 52 + 60 + 131 \\
 311 &:= 2^4 + 5^2 + 5^3 + 6^0 + 12^2 = 24 + 52 + 53 + 60 + 122 \\
 311 &:= 2^5 + 2^7 + 2^7 + 10^1 + 13^1 = 25 + 27 + 27 + 101 + 131
 \end{aligned}$$

$$\begin{aligned}
 311 &:= 2^5 + 2^7 + 2^7 + 11^1 + 12^1 = 25 + 27 + 27 + 111 + 121 \\
 311 &:= 2^5 + 2^7 + 2^7 + 3^1 + 20^1 = 25 + 27 + 27 + 31 + 201 \\
 311 &:= 2^5 + 2^7 + 2^7 + 4^1 + 19^1 = 25 + 27 + 27 + 41 + 191 \\
 311 &:= 2^5 + 2^7 + 2^7 + 5^1 + 18^1 = 25 + 27 + 27 + 51 + 181 \\
 311 &:= 2^5 + 2^7 + 2^7 + 6^1 + 17^1 = 25 + 27 + 27 + 61 + 171 \\
 311 &:= 2^5 + 2^7 + 2^7 + 7^1 + 16^1 = 25 + 27 + 27 + 71 + 161 \\
 311 &:= 2^5 + 2^7 + 2^7 + 8^1 + 15^1 = 25 + 27 + 27 + 81 + 151 \\
 311 &:= 2^5 + 2^7 + 2^7 + 9^1 + 14^1 = 25 + 27 + 27 + 91 + 141 \\
 311 &:= 2^5 + 3^0 + 3^4 + 8^0 + 14^2 = 25 + 30 + 34 + 80 + 142 \\
 311 &:= 2^5 + 3^4 + 4^0 + 7^0 + 14^2 = 25 + 34 + 40 + 70 + 142 \\
 311 &:= 2^5 + 3^4 + 5^0 + 6^0 + 14^2 = 25 + 34 + 50 + 60 + 142 \\
 311 &:= 2^6 + 4^0 + 4^2 + 5^1 + 15^2 = 26 + 40 + 42 + 51 + 152 \\
 311 &:= 2^7 + 3^0 + 6^0 + 9^2 + 10^2 = 27 + 30 + 60 + 92 + 102 \\
 311 &:= 2^7 + 4^0 + 5^0 + 9^2 + 10^2 = 27 + 40 + 50 + 92 + 102 \\
 311 &:= 2^8 + 3^0 + 4^1 + 7^2 + 14^0 = 28 + 30 + 41 + 72 + 140 \\
 311 &:= 2^8 + 4^0 + 4^1 + 7^2 + 13^0 = 28 + 40 + 41 + 72 + 130 \\
 311 &:= 2^8 + 4^1 + 5^0 + 7^2 + 12^0 = 28 + 41 + 50 + 72 + 120 \\
 311 &:= 2^8 + 4^1 + 6^0 + 7^2 + 11^0 = 28 + 41 + 60 + 72 + 110 \\
 311 &:= 2^8 + 4^1 + 7^0 + 7^2 + 10^0 = 28 + 41 + 70 + 72 + 100 \\
 311 &:= 2^8 + 4^1 + 7^2 + 8^0 + 9^0 = 28 + 41 + 72 + 80 + 90 \\
 311 &:= 3^2 + 3^2 + 3^5 + 7^2 + 14^0 = 32 + 32 + 35 + 72 + 140 \\
 311 &:= 3^3 + 3^4 + 4^0 + 9^2 + 11^2 = 33 + 34 + 40 + 92 + 112 \\
 311 &:= 3^3 + 3^5 + 4^0 + 5^2 + 15^1 = 33 + 35 + 40 + 52 + 151 \\
 311 &:= 3^3 + 3^5 + 4^1 + 6^2 + 14^0 = 33 + 35 + 41 + 62 + 140 \\
 311 &:= 3^4 + 3^4 + 4^1 + 8^0 + 12^2 = 34 + 34 + 41 + 80 + 122
 \end{aligned}$$

2.2.213 Number 312

$$\begin{aligned}
 312 &:= 1^2 + 2^5 + 4^4 + 23^1 = 12 + 25 + 44 + 231 \\
 312 &:= 1^2 + 2^7 + 13^2 + 14^1 = 12 + 27 + 132 + 141 \\
 312 &:= 1^4 + 3^5 + 7^2 + 19^1 = 14 + 35 + 72 + 191 \\
 312 &:= 1^5 + 4^4 + 6^2 + 19^1 = 15 + 44 + 62 + 191 \\
 312 &:= 1^6 + 6^3 + 9^2 + 14^1 = 16 + 63 + 92 + 141 \\
 312 &:= 1^7 + 5^1 + 9^2 + 15^2 = 17 + 51 + 92 + 152 \\
 312 &:= 1^7 + 6^1 + 7^2 + 16^2 = 17 + 61 + 72 + 162 \\
 312 &:= 2^5 + 3^5 + 6^2 + 19^0 = 25 + 35 + 62 + 190 \\
 312 &:= 2^6 + 3^5 + 4^1 + 21^0 = 26 + 35 + 41 + 210
 \end{aligned}$$

$$\begin{aligned}
 312 &:= 1^0 + 1^2 + 2^5 + 4^4 + 22^1 = 10 + 12 + 25 + 44 + 221 \\
 312 &:= 1^0 + 1^2 + 2^7 + 13^1 + 13^2 = 10 + 12 + 27 + 131 + 132 \\
 312 &:= 1^0 + 1^4 + 3^5 + 7^2 + 18^1 = 10 + 14 + 35 + 72 + 181 \\
 312 &:= 1^0 + 1^5 + 4^4 + 6^2 + 18^1 = 10 + 15 + 44 + 62 + 181 \\
 312 &:= 1^0 + 1^6 + 6^2 + 7^2 + 15^2 = 10 + 16 + 62 + 72 + 152 \\
 312 &:= 1^0 + 1^6 + 6^3 + 9^2 + 13^1 = 10 + 16 + 63 + 92 + 131 \\
 312 &:= 1^0 + 1^7 + 4^1 + 9^2 + 15^2 = 10 + 17 + 41 + 92 + 152 \\
 312 &:= 1^0 + 1^7 + 5^1 + 7^2 + 16^2 = 10 + 17 + 51 + 72 + 162 \\
 312 &:= 1^0 + 2^6 + 3^1 + 3^5 + 21^0 = 10 + 26 + 31 + 35 + 210
 \end{aligned}$$

$$\begin{aligned} 312 &:= 1^1 + 1^1 + 2^5 + 4^4 + 22^1 = 11 + 11 + 25 + 44 + 221 \\ 312 &:= 1^1 + 1^1 + 2^7 + 13^1 + 13^2 = 11 + 11 + 27 + 131 + 132 \\ 312 &:= 1^1 + 1^3 + 3^5 + 7^2 + 18^1 = 11 + 13 + 35 + 72 + 181 \\ 312 &:= 1^1 + 1^4 + 4^4 + 6^2 + 18^1 = 11 + 14 + 44 + 62 + 181 \\ 312 &:= 1^1 + 1^5 + 6^2 + 7^2 + 15^2 = 11 + 15 + 62 + 72 + 152 \\ 312 &:= 1^1 + 1^5 + 6^3 + 9^2 + 13^1 = 11 + 15 + 63 + 92 + 131 \\ 312 &:= 1^1 + 1^6 + 4^1 + 9^2 + 15^2 = 11 + 16 + 41 + 92 + 152 \\ 312 &:= 1^1 + 1^6 + 5^1 + 7^2 + 16^2 = 11 + 16 + 51 + 72 + 162 \\ 312 &:= 1^1 + 2^1 + 2^5 + 4^4 + 21^1 = 11 + 21 + 25 + 44 + 211 \\ 312 &:= 1^1 + 2^1 + 2^7 + 12^1 + 13^2 = 11 + 21 + 27 + 121 + 132 \\ 312 &:= 1^1 + 2^3 + 3^3 + 4^4 + 20^1 = 11 + 23 + 33 + 44 + 201 \\ 312 &:= 1^1 + 2^5 + 3^1 + 4^4 + 20^1 = 11 + 25 + 31 + 44 + 201 \\ 312 &:= 1^1 + 2^5 + 4^1 + 4^4 + 19^1 = 11 + 25 + 41 + 44 + 191 \\ 312 &:= 1^1 + 2^5 + 4^4 + 10^1 + 13^1 = 11 + 25 + 44 + 101 + 131 \\ 312 &:= 1^1 + 2^5 + 4^4 + 11^1 + 12^1 = 11 + 25 + 44 + 111 + 121 \\ 312 &:= 1^1 + 2^5 + 4^4 + 5^1 + 18^1 = 11 + 25 + 44 + 51 + 181 \\ 312 &:= 1^1 + 2^5 + 4^4 + 6^1 + 17^1 = 11 + 25 + 44 + 61 + 171 \\ 312 &:= 1^1 + 2^5 + 4^4 + 7^1 + 16^1 = 11 + 25 + 44 + 71 + 161 \\ 312 &:= 1^1 + 2^5 + 4^4 + 8^1 + 15^1 = 11 + 25 + 44 + 81 + 151 \\ 312 &:= 1^1 + 2^5 + 4^4 + 9^1 + 14^1 = 11 + 25 + 44 + 91 + 141 \\ 312 &:= 1^1 + 2^5 + 5^3 + 10^1 + 12^2 = 11 + 25 + 53 + 101 + 122 \\ 312 &:= 1^1 + 2^5 + 6^3 + 7^2 + 14^1 = 11 + 25 + 63 + 72 + 141 \\ 312 &:= 1^1 + 2^6 + 5^1 + 11^2 + 11^2 = 11 + 26 + 51 + 112 + 112 \\ 312 &:= 1^1 + 2^6 + 5^3 + 11^0 + 11^2 = 11 + 26 + 53 + 110 + 112 \\ 312 &:= 1^1 + 2^7 + 3^1 + 11^1 + 13^2 = 11 + 27 + 31 + 111 + 132 \\ 312 &:= 1^1 + 2^7 + 4^1 + 10^1 + 13^2 = 11 + 27 + 41 + 101 + 132 \\ 312 &:= 1^1 + 2^7 + 5^1 + 9^1 + 13^2 = 11 + 27 + 51 + 91 + 132 \\ 312 &:= 1^1 + 2^7 + 6^1 + 8^1 + 13^2 = 11 + 27 + 61 + 81 + 132 \\ 312 &:= 1^1 + 2^7 + 7^1 + 7^1 + 13^2 = 11 + 27 + 71 + 71 + 132 \\ 312 &:= 1^1 + 2^8 + 3^0 + 6^2 + 18^1 = 11 + 28 + 30 + 62 + 181 \\ 312 &:= 1^1 + 2^8 + 5^1 + 7^2 + 15^0 = 11 + 28 + 51 + 72 + 150 \\ 312 &:= 1^2 + 1^2 + 3^5 + 7^2 + 18^1 = 12 + 12 + 35 + 72 + 181 \\ 312 &:= 1^2 + 1^3 + 4^4 + 6^2 + 18^1 = 12 + 13 + 44 + 62 + 181 \\ 312 &:= 1^2 + 1^4 + 6^2 + 7^2 + 15^2 = 12 + 14 + 62 + 72 + 152 \\ 312 &:= 1^2 + 1^4 + 6^3 + 9^2 + 13^1 = 12 + 14 + 63 + 92 + 131 \\ 312 &:= 1^2 + 1^5 + 4^1 + 9^2 + 15^2 = 12 + 15 + 41 + 92 + 152 \\ 312 &:= 1^2 + 1^5 + 5^1 + 7^2 + 16^2 = 12 + 15 + 51 + 72 + 162 \\ 312 &:= 1^2 + 2^5 + 4^2 + 7^1 + 16^2 = 12 + 25 + 42 + 71 + 162 \end{aligned}$$

$$\begin{aligned} 312 &:= 1^2 + 2^5 + 5^1 + 7^2 + 15^2 = 12 + 25 + 51 + 72 + 152 \\ 312 &:= 1^2 + 3^2 + 3^3 + 4^4 + 19^1 = 12 + 32 + 33 + 44 + 191 \\ 312 &:= 1^2 + 3^3 + 3^3 + 4^4 + 19^0 = 12 + 33 + 33 + 44 + 190 \\ 312 &:= 1^2 + 3^4 + 7^2 + 9^2 + 10^2 = 12 + 34 + 72 + 92 + 102 \\ 312 &:= 1^2 + 3^5 + 4^2 + 6^2 + 16^1 = 12 + 35 + 42 + 62 + 161 \\ 312 &:= 1^3 + 1^3 + 6^2 + 7^2 + 15^2 = 13 + 13 + 62 + 72 + 152 \\ 312 &:= 1^3 + 1^3 + 6^3 + 9^2 + 13^1 = 13 + 13 + 63 + 92 + 131 \\ 312 &:= 1^3 + 1^4 + 4^1 + 9^2 + 15^2 = 13 + 14 + 41 + 92 + 152 \\ 312 &:= 1^3 + 1^4 + 5^1 + 7^2 + 16^2 = 13 + 14 + 51 + 72 + 162 \\ 312 &:= 1^3 + 2^1 + 3^5 + 7^2 + 17^1 = 13 + 21 + 35 + 72 + 171 \\ 312 &:= 1^3 + 2^3 + 5^3 + 9^1 + 13^2 = 13 + 23 + 53 + 91 + 132 \\ 312 &:= 1^3 + 2^4 + 5^3 + 9^0 + 13^2 = 13 + 24 + 53 + 90 + 132 \\ 312 &:= 1^3 + 3^1 + 3^5 + 4^3 + 19^0 = 13 + 31 + 35 + 43 + 190 \\ 312 &:= 1^3 + 3^1 + 3^5 + 7^2 + 16^1 = 13 + 31 + 35 + 72 + 161 \\ 312 &:= 1^3 + 3^4 + 5^1 + 9^2 + 12^2 = 13 + 34 + 51 + 92 + 122 \\ 312 &:= 1^3 + 3^5 + 4^1 + 7^2 + 15^1 = 13 + 35 + 41 + 72 + 151 \\ 312 &:= 1^3 + 3^5 + 5^1 + 7^2 + 14^1 = 13 + 35 + 51 + 72 + 141 \\ 312 &:= 1^3 + 3^5 + 6^1 + 7^2 + 13^1 = 13 + 35 + 61 + 72 + 131 \\ 312 &:= 1^3 + 3^5 + 7^1 + 7^2 + 12^1 = 13 + 35 + 71 + 72 + 121 \\ 312 &:= 1^3 + 3^5 + 7^2 + 8^1 + 11^1 = 13 + 35 + 72 + 81 + 111 \\ 312 &:= 1^3 + 3^5 + 7^2 + 9^1 + 10^1 = 13 + 35 + 72 + 91 + 101 \\ 312 &:= 1^3 + 4^2 + 4^3 + 6^3 + 15^1 = 13 + 42 + 43 + 63 + 151 \\ 312 &:= 1^3 + 5^3 + 5^3 + 7^2 + 12^1 = 13 + 53 + 53 + 72 + 121 \\ 312 &:= 1^4 + 2^1 + 4^4 + 6^2 + 17^1 = 14 + 21 + 44 + 62 + 171 \\ 312 &:= 1^4 + 2^2 + 3^4 + 9^0 + 15^2 = 14 + 22 + 34 + 90 + 152 \\ 312 &:= 1^4 + 3^1 + 3^5 + 8^2 + 15^0 = 14 + 31 + 35 + 82 + 150 \\ 312 &:= 1^4 + 3^1 + 4^3 + 10^2 + 12^2 = 14 + 31 + 43 + 102 + 122 \\ 312 &:= 1^4 + 3^1 + 4^4 + 6^2 + 16^1 = 14 + 31 + 44 + 62 + 161 \\ 312 &:= 1^4 + 3^2 + 5^3 + 8^1 + 13^2 = 14 + 32 + 53 + 81 + 132 \\ 312 &:= 1^4 + 3^3 + 3^3 + 7^0 + 16^2 = 14 + 33 + 33 + 70 + 162 \\ 312 &:= 1^4 + 3^4 + 6^3 + 7^0 + 13^1 = 14 + 34 + 63 + 70 + 131 \\ 312 &:= 1^4 + 4^1 + 4^4 + 6^2 + 15^1 = 14 + 41 + 44 + 62 + 151 \\ 312 &:= 1^4 + 4^2 + 4^3 + 6^1 + 15^2 = 14 + 42 + 43 + 61 + 152 \\ 312 &:= 1^4 + 4^3 + 5^3 + 9^0 + 11^2 = 14 + 43 + 53 + 90 + 112 \\ 312 &:= 1^4 + 4^4 + 5^1 + 6^2 + 14^1 = 14 + 44 + 51 + 62 + 141 \\ 312 &:= 1^4 + 4^4 + 6^1 + 6^2 + 13^1 = 14 + 44 + 61 + 62 + 131 \\ 312 &:= 1^4 + 4^4 + 6^2 + 7^1 + 12^1 = 14 + 44 + 62 + 71 + 121 \\ 312 &:= 1^4 + 4^4 + 6^2 + 8^1 + 11^1 = 14 + 44 + 62 + 81 + 111 \end{aligned}$$

$$\begin{aligned} 312 &:= 1^4 + 4^4 + 6^2 + 9^1 + 10^1 = 14 + 44 + 62 + 91 + 101 \\ 312 &:= 1^4 + 5^1 + 5^3 + 9^2 + 10^2 = 14 + 51 + 53 + 92 + 102 \\ 312 &:= 1^4 + 5^3 + 6^1 + 6^2 + 12^2 = 14 + 53 + 61 + 62 + 122 \\ 312 &:= 1^4 + 6^2 + 6^3 + 7^2 + 10^1 = 14 + 62 + 63 + 72 + 101 \\ 312 &:= 1^5 + 2^1 + 6^3 + 9^2 + 12^1 = 15 + 21 + 63 + 92 + 121 \\ 312 &:= 1^5 + 2^4 + 5^0 + 5^1 + 17^2 = 15 + 24 + 50 + 51 + 172 \\ 312 &:= 1^5 + 3^1 + 4^2 + 6^2 + 16^2 = 15 + 31 + 42 + 62 + 162 \\ 312 &:= 1^5 + 3^1 + 6^3 + 9^2 + 11^1 = 15 + 31 + 63 + 92 + 111 \\ 312 &:= 1^5 + 3^4 + 4^1 + 7^0 + 15^2 = 15 + 34 + 41 + 70 + 152 \\ 312 &:= 1^5 + 4^1 + 6^3 + 9^2 + 10^1 = 15 + 41 + 63 + 92 + 101 \\ 312 &:= 1^5 + 4^2 + 5^3 + 7^0 + 13^2 = 15 + 42 + 53 + 70 + 132 \\ 312 &:= 1^5 + 4^4 + 5^1 + 7^2 + 13^0 = 15 + 44 + 51 + 72 + 130 \\ 312 &:= 1^5 + 5^0 + 5^3 + 8^2 + 11^2 = 15 + 50 + 53 + 82 + 112 \\ 312 &:= 1^5 + 5^1 + 6^3 + 9^1 + 9^2 = 15 + 51 + 63 + 91 + 92 \\ 312 &:= 1^5 + 6^1 + 6^3 + 8^1 + 9^2 = 15 + 61 + 63 + 81 + 92 \\ 312 &:= 1^5 + 6^3 + 7^1 + 7^1 + 9^2 = 15 + 63 + 71 + 71 + 92 \\ 312 &:= 1^6 + 2^1 + 3^1 + 9^2 + 15^2 = 16 + 21 + 31 + 92 + 152 \\ 312 &:= 1^6 + 2^1 + 4^1 + 7^2 + 16^2 = 16 + 21 + 41 + 72 + 162 \\ 312 &:= 1^6 + 2^2 + 3^0 + 9^2 + 15^2 = 16 + 22 + 30 + 92 + 152 \\ 312 &:= 1^6 + 3^1 + 3^1 + 7^2 + 16^2 = 16 + 31 + 31 + 72 + 162 \\ 312 &:= 1^7 + 3^0 + 4^2 + 5^1 + 17^2 = 17 + 30 + 42 + 51 + 172 \\ 312 &:= 1^8 + 2^0 + 2^5 + 2^8 + 22^1 = 18 + 20 + 25 + 28 + 221 \\ 312 &:= 1^8 + 2^8 + 3^3 + 3^3 + 20^0 = 18 + 28 + 33 + 33 + 200 \\ 312 &:= 1^9 + 1^9 + 2^5 + 2^8 + 22^1 = 19 + 19 + 25 + 28 + 221 \\ 312 &:= 2^0 + 2^6 + 3^1 + 3^5 + 20^0 = 20 + 26 + 31 + 35 + 200 \\ 312 &:= 2^1 + 2^1 + 2^5 + 4^4 + 20^1 = 21 + 21 + 25 + 44 + 201 \\ 312 &:= 2^1 + 2^1 + 2^7 + 11^1 + 13^2 = 21 + 21 + 27 + 111 + 132 \\ 312 &:= 2^1 + 2^3 + 3^3 + 4^4 + 19^1 = 21 + 23 + 33 + 44 + 191 \\ 312 &:= 2^1 + 2^5 + 3^1 + 4^4 + 19^1 = 21 + 25 + 31 + 44 + 191 \\ 312 &:= 2^1 + 2^5 + 3^2 + 10^2 + 13^2 = 21 + 25 + 32 + 102 + 132 \\ 312 &:= 2^1 + 2^5 + 3^4 + 9^0 + 14^2 = 21 + 25 + 34 + 90 + 142 \\ 312 &:= 2^1 + 2^5 + 4^1 + 4^4 + 18^1 = 21 + 25 + 41 + 44 + 181 \\ 312 &:= 2^1 + 2^5 + 4^4 + 10^1 + 12^1 = 21 + 25 + 44 + 101 + 121 \\ 312 &:= 2^1 + 2^5 + 4^4 + 11^1 + 11^1 = 21 + 25 + 44 + 111 + 111 \\ 312 &:= 2^1 + 2^5 + 4^4 + 5^1 + 17^1 = 21 + 25 + 44 + 51 + 171 \\ 312 &:= 2^1 + 2^5 + 4^4 + 6^1 + 16^1 = 21 + 25 + 44 + 61 + 161 \\ 312 &:= 2^1 + 2^5 + 4^4 + 7^1 + 15^1 = 21 + 25 + 44 + 71 + 151 \\ 312 &:= 2^1 + 2^5 + 4^4 + 8^1 + 14^1 = 21 + 25 + 44 + 81 + 141 \end{aligned}$$

$$\begin{aligned} 312 &:= 2^1 + 2^5 + 4^4 + 9^1 + 13^1 = 21 + 25 + 44 + 91 + 131 \\ 312 &:= 2^1 + 2^5 + 5^3 + 9^1 + 12^2 = 21 + 25 + 53 + 91 + 122 \\ 312 &:= 2^1 + 2^5 + 6^3 + 7^2 + 13^1 = 21 + 25 + 63 + 72 + 131 \\ 312 &:= 2^1 + 2^6 + 4^1 + 11^2 + 11^2 = 21 + 26 + 41 + 112 + 112 \\ 312 &:= 2^1 + 2^7 + 3^1 + 10^1 + 13^2 = 21 + 27 + 31 + 101 + 132 \\ 312 &:= 2^1 + 2^7 + 4^1 + 9^1 + 13^2 = 21 + 27 + 41 + 91 + 132 \\ 312 &:= 2^1 + 2^7 + 5^1 + 8^1 + 13^2 = 21 + 27 + 51 + 81 + 132 \\ 312 &:= 2^1 + 2^7 + 6^1 + 7^1 + 13^2 = 21 + 27 + 61 + 71 + 132 \\ 312 &:= 2^1 + 2^7 + 7^0 + 9^2 + 10^2 = 21 + 27 + 70 + 92 + 102 \\ 312 &:= 2^1 + 2^8 + 3^0 + 6^2 + 17^1 = 21 + 28 + 30 + 62 + 171 \\ 312 &:= 2^1 + 2^8 + 4^1 + 7^2 + 15^0 = 21 + 28 + 41 + 72 + 150 \\ 312 &:= 2^2 + 2^2 + 2^4 + 12^2 + 12^2 = 22 + 22 + 24 + 122 + 122 \\ 312 &:= 2^2 + 2^4 + 6^3 + 8^2 + 12^1 = 22 + 24 + 63 + 82 + 121 \\ 312 &:= 2^2 + 2^5 + 3^0 + 4^4 + 19^1 = 22 + 25 + 30 + 44 + 191 \\ 312 &:= 2^2 + 2^7 + 3^0 + 10^1 + 13^2 = 22 + 27 + 30 + 101 + 132 \\ 312 &:= 2^2 + 3^4 + 5^2 + 9^2 + 11^2 = 22 + 34 + 52 + 92 + 112 \\ 312 &:= 2^2 + 3^5 + 5^2 + 5^2 + 15^1 = 22 + 35 + 52 + 52 + 151 \\ 312 &:= 2^3 + 2^3 + 4^3 + 7^1 + 15^2 = 23 + 23 + 43 + 71 + 152 \\ 312 &:= 2^3 + 3^1 + 3^3 + 4^4 + 18^1 = 23 + 31 + 33 + 44 + 181 \\ 312 &:= 2^3 + 3^2 + 4^3 + 6^3 + 15^1 = 23 + 32 + 43 + 63 + 151 \\ 312 &:= 2^3 + 3^3 + 4^1 + 4^4 + 17^1 = 23 + 33 + 41 + 44 + 171 \\ 312 &:= 2^3 + 3^3 + 4^2 + 6^2 + 15^2 = 23 + 33 + 42 + 62 + 152 \\ 312 &:= 2^3 + 3^3 + 4^4 + 10^1 + 11^1 = 23 + 33 + 44 + 101 + 111 \\ 312 &:= 2^3 + 3^3 + 4^4 + 5^1 + 16^1 = 23 + 33 + 44 + 51 + 161 \\ 312 &:= 2^3 + 3^3 + 4^4 + 6^1 + 15^1 = 23 + 33 + 44 + 61 + 151 \\ 312 &:= 2^3 + 3^3 + 4^4 + 7^1 + 14^1 = 23 + 33 + 44 + 71 + 141 \\ 312 &:= 2^3 + 3^3 + 4^4 + 8^1 + 13^1 = 23 + 33 + 44 + 81 + 131 \\ 312 &:= 2^3 + 3^3 + 4^4 + 9^1 + 12^1 = 23 + 33 + 44 + 91 + 121 \\ 312 &:= 2^3 + 3^3 + 5^3 + 8^1 + 12^2 = 23 + 33 + 53 + 81 + 122 \\ 312 &:= 2^3 + 3^3 + 6^3 + 7^2 + 12^1 = 23 + 33 + 63 + 72 + 121 \\ 312 &:= 2^3 + 3^4 + 5^1 + 7^2 + 13^2 = 23 + 34 + 51 + 72 + 132 \\ 312 &:= 2^3 + 4^2 + 4^2 + 4^4 + 16^1 = 23 + 42 + 42 + 44 + 161 \\ 312 &:= 2^3 + 4^3 + 4^3 + 7^1 + 13^2 = 23 + 43 + 43 + 71 + 132 \\ 312 &:= 2^3 + 5^3 + 7^2 + 7^2 + 9^2 = 23 + 53 + 72 + 72 + 92 \\ 312 &:= 2^4 + 2^5 + 3^0 + 7^1 + 16^2 = 24 + 25 + 30 + 71 + 162 \\ 312 &:= 2^4 + 3^0 + 3^5 + 6^2 + 16^1 = 24 + 30 + 35 + 62 + 161 \\ 312 &:= 2^4 + 3^1 + 3^5 + 7^2 + 15^0 = 24 + 31 + 35 + 72 + 150 \\ 312 &:= 2^4 + 3^3 + 4^4 + 9^0 + 12^1 = 24 + 33 + 44 + 90 + 121 \end{aligned}$$

$$\begin{aligned} 312 &:= 2^5 + 3^1 + 3^1 + 4^4 + 18^1 = 25 + 31 + 31 + 44 + 181 \\ 312 &:= 2^5 + 3^1 + 4^1 + 4^4 + 17^1 = 25 + 31 + 41 + 44 + 171 \\ 312 &:= 2^5 + 3^1 + 4^2 + 6^2 + 15^2 = 25 + 31 + 42 + 62 + 152 \\ 312 &:= 2^5 + 3^1 + 4^4 + 10^1 + 11^1 = 25 + 31 + 44 + 101 + 111 \\ 312 &:= 2^5 + 3^1 + 4^4 + 5^1 + 16^1 = 25 + 31 + 44 + 51 + 161 \\ 312 &:= 2^5 + 3^1 + 4^4 + 6^1 + 15^1 = 25 + 31 + 44 + 61 + 151 \\ 312 &:= 2^5 + 3^1 + 4^4 + 7^1 + 14^1 = 25 + 31 + 44 + 71 + 141 \\ 312 &:= 2^5 + 3^1 + 4^4 + 8^1 + 13^1 = 25 + 31 + 44 + 81 + 131 \\ 312 &:= 2^5 + 3^1 + 4^4 + 9^1 + 12^1 = 25 + 31 + 44 + 91 + 121 \\ 312 &:= 2^5 + 3^1 + 5^3 + 8^1 + 12^2 = 25 + 31 + 53 + 81 + 122 \\ 312 &:= 2^5 + 3^1 + 6^3 + 7^2 + 12^1 = 25 + 31 + 63 + 72 + 121 \\ 312 &:= 2^5 + 3^2 + 3^2 + 6^1 + 16^2 = 25 + 32 + 32 + 61 + 162 \\ 312 &:= 2^5 + 3^2 + 4^4 + 7^0 + 14^1 = 25 + 32 + 44 + 70 + 141 \\ 312 &:= 2^5 + 4^1 + 4^1 + 4^4 + 16^1 = 25 + 41 + 41 + 44 + 161 \\ 312 &:= 2^5 + 4^1 + 4^4 + 10^1 + 10^1 = 25 + 41 + 44 + 101 + 101 \\ 312 &:= 2^5 + 4^1 + 4^4 + 5^1 + 15^1 = 25 + 41 + 44 + 51 + 151 \\ 312 &:= 2^5 + 4^1 + 4^4 + 6^1 + 14^1 = 25 + 41 + 44 + 61 + 141 \\ 312 &:= 2^5 + 4^1 + 4^4 + 7^1 + 13^1 = 25 + 41 + 44 + 71 + 131 \\ 312 &:= 2^5 + 4^1 + 4^4 + 8^1 + 12^1 = 25 + 41 + 44 + 81 + 121 \\ 312 &:= 2^5 + 4^1 + 4^4 + 9^1 + 11^1 = 25 + 41 + 44 + 91 + 111 \\ 312 &:= 2^5 + 4^1 + 5^3 + 7^1 + 12^2 = 25 + 41 + 53 + 71 + 122 \\ 312 &:= 2^5 + 4^1 + 6^3 + 7^2 + 11^1 = 25 + 41 + 63 + 72 + 111 \\ 312 &:= 2^5 + 4^2 + 4^4 + 7^1 + 13^0 = 25 + 42 + 44 + 71 + 130 \\ 312 &:= 2^5 + 4^4 + 5^1 + 5^1 + 14^1 = 25 + 44 + 51 + 51 + 141 \\ 312 &:= 2^5 + 4^4 + 5^1 + 6^1 + 13^1 = 25 + 44 + 51 + 61 + 131 \\ 312 &:= 2^5 + 4^4 + 5^1 + 7^1 + 12^1 = 25 + 44 + 51 + 71 + 121 \\ 312 &:= 2^5 + 4^4 + 5^1 + 8^1 + 11^1 = 25 + 44 + 51 + 81 + 111 \\ 312 &:= 2^5 + 4^4 + 5^1 + 9^1 + 10^1 = 25 + 44 + 51 + 91 + 101 \\ 312 &:= 2^5 + 4^4 + 6^1 + 6^1 + 12^1 = 25 + 44 + 61 + 61 + 121 \\ 312 &:= 2^5 + 4^4 + 6^1 + 7^1 + 11^1 = 25 + 44 + 61 + 71 + 111 \\ 312 &:= 2^5 + 4^4 + 6^1 + 8^1 + 10^1 = 25 + 44 + 61 + 81 + 101 \\ 312 &:= 2^5 + 4^4 + 6^1 + 9^1 + 9^1 = 25 + 44 + 61 + 91 + 91 \\ 312 &:= 2^5 + 4^4 + 7^1 + 7^1 + 10^1 = 25 + 44 + 71 + 71 + 101 \\ 312 &:= 2^5 + 4^4 + 7^1 + 8^1 + 9^1 = 25 + 44 + 71 + 81 + 91 \\ 312 &:= 2^5 + 4^4 + 8^1 + 8^1 + 8^1 = 25 + 44 + 81 + 81 + 81 \\ 312 &:= 2^5 + 5^1 + 5^3 + 6^1 + 12^2 = 25 + 51 + 53 + 61 + 122 \\ 312 &:= 2^5 + 5^1 + 6^3 + 7^2 + 10^1 = 25 + 51 + 63 + 72 + 101 \\ 312 &:= 2^5 + 6^1 + 6^3 + 7^2 + 9^1 = 25 + 61 + 63 + 72 + 91 \end{aligned}$$

$$\begin{aligned} 312 &:= 2^5 + 6^3 + 7^1 + 7^2 + 8^1 = 25 + 63 + 71 + 72 + 81 \\ 312 &:= 2^6 + 3^0 + 3^1 + 3^5 + 19^0 = 26 + 30 + 31 + 35 + 190 \\ 312 &:= 2^6 + 3^0 + 4^2 + 6^3 + 15^1 = 26 + 30 + 42 + 63 + 151 \\ 312 &:= 2^6 + 3^1 + 3^1 + 11^2 + 11^2 = 26 + 31 + 31 + 112 + 112 \\ 312 &:= 2^6 + 3^1 + 3^5 + 10^0 + 12^0 = 26 + 31 + 35 + 100 + 120 \\ 312 &:= 2^6 + 3^1 + 3^5 + 11^0 + 11^0 = 26 + 31 + 35 + 110 + 110 \\ 312 &:= 2^6 + 3^1 + 3^5 + 4^0 + 18^0 = 26 + 31 + 35 + 40 + 180 \\ 312 &:= 2^6 + 3^1 + 3^5 + 5^0 + 17^0 = 26 + 31 + 35 + 50 + 170 \\ 312 &:= 2^6 + 3^1 + 3^5 + 6^0 + 16^0 = 26 + 31 + 35 + 60 + 160 \\ 312 &:= 2^6 + 3^1 + 3^5 + 7^0 + 15^0 = 26 + 31 + 35 + 70 + 150 \\ 312 &:= 2^6 + 3^1 + 3^5 + 8^0 + 14^0 = 26 + 31 + 35 + 80 + 140 \\ 312 &:= 2^6 + 3^1 + 3^5 + 9^0 + 13^0 = 26 + 31 + 35 + 90 + 130 \\ 312 &:= 2^6 + 5^2 + 6^1 + 6^3 + 11^0 = 26 + 52 + 61 + 63 + 110 \\ 312 &:= 2^7 + 3^1 + 3^1 + 9^1 + 13^2 = 27 + 31 + 31 + 91 + 132 \\ 312 &:= 2^7 + 3^1 + 4^1 + 8^1 + 13^2 = 27 + 31 + 41 + 81 + 132 \\ 312 &:= 2^7 + 3^1 + 5^1 + 7^1 + 13^2 = 27 + 31 + 51 + 71 + 132 \\ 312 &:= 2^7 + 3^1 + 6^1 + 6^1 + 13^2 = 27 + 31 + 61 + 61 + 132 \\ 312 &:= 2^7 + 3^1 + 6^2 + 7^0 + 12^2 = 27 + 31 + 62 + 70 + 122 \\ 312 &:= 2^7 + 3^2 + 5^1 + 7^0 + 13^2 = 27 + 32 + 51 + 70 + 132 \\ 312 &:= 2^7 + 4^1 + 4^1 + 7^1 + 13^2 = 27 + 41 + 41 + 71 + 132 \\ 312 &:= 2^7 + 4^1 + 5^1 + 6^1 + 13^2 = 27 + 41 + 51 + 61 + 132 \\ 312 &:= 2^7 + 5^1 + 5^1 + 5^1 + 13^2 = 27 + 51 + 51 + 51 + 132 \\ 312 &:= 2^8 + 3^0 + 3^1 + 6^2 + 16^1 = 28 + 30 + 31 + 62 + 161 \\ 312 &:= 2^8 + 3^0 + 4^1 + 6^2 + 15^1 = 28 + 30 + 41 + 62 + 151 \\ 312 &:= 2^8 + 3^0 + 5^1 + 6^2 + 14^1 = 28 + 30 + 51 + 62 + 141 \\ 312 &:= 2^8 + 3^0 + 6^1 + 6^2 + 13^1 = 28 + 30 + 61 + 62 + 131 \\ 312 &:= 2^8 + 3^0 + 6^2 + 7^1 + 12^1 = 28 + 30 + 62 + 71 + 121 \\ 312 &:= 2^8 + 3^0 + 6^2 + 8^1 + 11^1 = 28 + 30 + 62 + 81 + 111 \\ 312 &:= 2^8 + 3^0 + 6^2 + 9^1 + 10^1 = 28 + 30 + 62 + 91 + 101 \\ 312 &:= 2^8 + 3^1 + 3^1 + 7^2 + 15^0 = 28 + 31 + 31 + 72 + 150 \\ 312 &:= 3^2 + 3^2 + 3^5 + 6^2 + 15^1 = 32 + 32 + 35 + 62 + 151 \\ 312 &:= 3^3 + 3^3 + 3^3 + 6^1 + 15^2 = 33 + 33 + 33 + 61 + 152 \\ 312 &:= 3^3 + 3^3 + 3^5 + 7^0 + 14^1 = 33 + 33 + 35 + 70 + 141 \\ 312 &:= 3^3 + 3^4 + 4^1 + 10^2 + 10^2 = 33 + 34 + 41 + 102 + 102 \\ 312 &:= 3^3 + 3^5 + 4^2 + 5^2 + 15^0 = 33 + 35 + 42 + 52 + 150 \\ 312 &:= 3^3 + 4^2 + 4^3 + 6^2 + 13^2 = 33 + 42 + 43 + 62 + 132 \\ 312 &:= 3^4 + 3^4 + 7^0 + 7^2 + 10^2 = 34 + 34 + 70 + 72 + 102 \\ 312 &:= 3^4 + 4^2 + 4^3 + 7^1 + 12^2 = 34 + 42 + 43 + 71 + 122 \end{aligned}$$

$$\begin{aligned}312 &:= 3^4 + 4^2 + 5^3 + 9^1 + 9^2 = 34 + 42 + 53 + 91 + 92 \\312 &:= 3^4 + 4^3 + 5^1 + 9^2 + 9^2 = 34 + 43 + 51 + 92 + 92 \\312 &:= 3^4 + 5^3 + 7^2 + 7^2 + 8^1 = 34 + 53 + 72 + 72 + 81\end{aligned}$$

$$312 := 4^3 + 4^3 + 5^3 + 7^2 + 10^1 = 43 + 43 + 53 + 72 + 101$$

2.2.214 Number 313

$$\begin{aligned}313 &:= 1^9 + 2^5 + 2^8 + 24^1 = 19 + 25 + 28 + 241 \\313 &:= 1^0 + 1^9 + 2^5 + 2^8 + 23^1 = 10 + 19 + 25 + 28 + 231 \\313 &:= 1^0 + 2^2 + 2^6 + 3^5 + 22^0 = 10 + 22 + 26 + 35 + 220 \\313 &:= 1^1 + 1^8 + 2^5 + 2^8 + 23^1 = 11 + 18 + 25 + 28 + 231 \\313 &:= 1^1 + 2^5 + 3^5 + 6^2 + 18^0 = 11 + 25 + 35 + 62 + 180 \\313 &:= 1^1 + 2^6 + 3^5 + 4^1 + 20^0 = 11 + 26 + 35 + 41 + 200 \\313 &:= 1^2 + 1^7 + 2^5 + 2^8 + 23^1 = 12 + 17 + 25 + 28 + 231 \\313 &:= 1^2 + 2^0 + 2^8 + 6^2 + 19^1 = 12 + 20 + 28 + 62 + 191 \\313 &:= 1^2 + 2^8 + 6^1 + 7^2 + 14^0 = 12 + 28 + 61 + 72 + 140 \\313 &:= 1^3 + 1^6 + 2^5 + 2^8 + 23^1 = 13 + 16 + 25 + 28 + 231 \\313 &:= 1^3 + 1^9 + 2^8 + 6^2 + 19^1 = 13 + 19 + 28 + 62 + 191 \\313 &:= 1^3 + 2^2 + 3^5 + 4^3 + 20^0 = 13 + 22 + 35 + 43 + 200 \\313 &:= 1^4 + 1^5 + 2^5 + 2^8 + 23^1 = 14 + 15 + 25 + 28 + 231 \\313 &:= 1^4 + 1^8 + 2^8 + 6^2 + 19^1 = 14 + 18 + 28 + 62 + 191 \\313 &:= 1^4 + 2^2 + 3^5 + 8^2 + 16^0 = 14 + 22 + 35 + 82 + 160 \\313 &:= 1^4 + 3^5 + 4^1 + 4^3 + 18^0 = 14 + 35 + 41 + 43 + 180 \\313 &:= 1^5 + 1^7 + 2^8 + 6^2 + 19^1 = 15 + 17 + 28 + 62 + 191 \\313 &:= 1^5 + 3^4 + 6^0 + 6^3 + 14^1 = 15 + 34 + 60 + 63 + 141 \\313 &:= 1^5 + 3^5 + 4^1 + 8^2 + 14^0 = 15 + 35 + 41 + 82 + 140 \\313 &:= 1^6 + 1^6 + 2^8 + 6^2 + 19^1 = 16 + 16 + 28 + 62 + 191 \\313 &:= 1^6 + 2^4 + 4^0 + 6^1 + 17^2 = 16 + 24 + 40 + 61 + 172 \\313 &:= 1^6 + 3^4 + 5^1 + 6^0 + 15^2 = 16 + 34 + 51 + 60 + 152 \\313 &:= 1^6 + 4^4 + 6^1 + 7^2 + 12^0 = 16 + 44 + 61 + 72 + 120 \\313 &:= 1^8 + 2^0 + 4^2 + 6^1 + 17^2 = 18 + 20 + 42 + 61 + 172 \\313 &:= 1^8 + 2^1 + 2^5 + 2^8 + 22^1 = 18 + 21 + 25 + 28 + 221 \\313 &:= 1^8 + 2^3 + 2^8 + 3^3 + 21^1 = 18 + 23 + 28 + 33 + 211 \\313 &:= 1^8 + 2^4 + 2^5 + 3^5 + 21^1 = 18 + 24 + 25 + 35 + 211 \\313 &:= 1^8 + 2^5 + 2^8 + 10^1 + 14^1 = 18 + 25 + 28 + 101 + 141 \\313 &:= 1^8 + 2^5 + 2^8 + 11^1 + 13^1 = 18 + 25 + 28 + 111 + 131 \\313 &:= 1^8 + 2^5 + 2^8 + 12^1 + 12^1 = 18 + 25 + 28 + 121 + 121 \\313 &:= 1^8 + 2^5 + 2^8 + 3^1 + 21^1 = 18 + 25 + 28 + 31 + 211 \\313 &:= 1^8 + 2^5 + 2^8 + 4^1 + 20^1 = 18 + 25 + 28 + 41 + 201 \\313 &:= 1^8 + 2^5 + 2^8 + 5^1 + 19^1 = 18 + 25 + 28 + 51 + 191\end{aligned}$$

$$\begin{aligned}313 &:= 1^8 + 2^5 + 2^8 + 6^1 + 18^1 = 18 + 25 + 28 + 61 + 181 \\313 &:= 1^8 + 2^5 + 2^8 + 7^1 + 17^1 = 18 + 25 + 28 + 71 + 171 \\313 &:= 1^8 + 2^5 + 2^8 + 8^1 + 16^1 = 18 + 25 + 28 + 81 + 161 \\313 &:= 1^8 + 2^5 + 2^8 + 9^1 + 15^1 = 18 + 25 + 28 + 91 + 151 \\313 &:= 1^9 + 1^9 + 4^2 + 6^1 + 17^2 = 19 + 19 + 42 + 61 + 172 \\313 &:= 1^9 + 2^8 + 3^2 + 3^3 + 20^1 = 19 + 28 + 32 + 33 + 201 \\313 &:= 2^0 + 2^2 + 2^6 + 3^5 + 21^0 = 20 + 22 + 26 + 35 + 210 \\313 &:= 2^1 + 2^6 + 3^1 + 3^5 + 20^0 = 21 + 26 + 31 + 35 + 200 \\313 &:= 2^2 + 2^4 + 3^5 + 7^2 + 16^0 = 22 + 24 + 35 + 72 + 160 \\313 &:= 2^2 + 2^6 + 3^0 + 3^5 + 20^0 = 22 + 26 + 30 + 35 + 200 \\313 &:= 2^2 + 2^6 + 3^5 + 10^0 + 13^0 = 22 + 26 + 35 + 100 + 130 \\313 &:= 2^2 + 2^6 + 3^5 + 11^0 + 12^0 = 22 + 26 + 35 + 110 + 120 \\313 &:= 2^2 + 2^6 + 3^5 + 4^0 + 19^0 = 22 + 26 + 35 + 40 + 190 \\313 &:= 2^2 + 2^6 + 3^5 + 5^0 + 18^0 = 22 + 26 + 35 + 50 + 180 \\313 &:= 2^2 + 2^6 + 3^5 + 6^0 + 17^0 = 22 + 26 + 35 + 60 + 170 \\313 &:= 2^2 + 2^6 + 3^5 + 7^0 + 16^0 = 22 + 26 + 35 + 70 + 160 \\313 &:= 2^2 + 2^6 + 3^5 + 8^0 + 15^0 = 22 + 26 + 35 + 80 + 150 \\313 &:= 2^2 + 2^6 + 3^5 + 9^0 + 14^0 = 22 + 26 + 35 + 90 + 140 \\313 &:= 2^2 + 2^7 + 6^2 + 8^0 + 12^2 = 22 + 27 + 62 + 80 + 122 \\313 &:= 2^2 + 2^8 + 3^1 + 7^2 + 16^0 = 22 + 28 + 31 + 72 + 160 \\313 &:= 2^2 + 2^8 + 4^0 + 6^2 + 16^1 = 22 + 28 + 40 + 62 + 161 \\313 &:= 2^3 + 2^5 + 4^4 + 6^0 + 16^1 = 23 + 25 + 44 + 60 + 161 \\313 &:= 2^3 + 2^7 + 6^0 + 7^1 + 13^2 = 23 + 27 + 60 + 71 + 132 \\313 &:= 2^4 + 2^4 + 6^3 + 8^2 + 12^0 = 24 + 24 + 63 + 82 + 120 \\313 &:= 2^4 + 2^6 + 4^0 + 7^1 + 15^2 = 24 + 26 + 40 + 71 + 152 \\313 &:= 2^5 + 3^5 + 5^2 + 8^0 + 12^1 = 25 + 35 + 52 + 80 + 121 \\313 &:= 2^6 + 3^3 + 4^0 + 10^2 + 11^2 = 26 + 33 + 40 + 102 + 112 \\313 &:= 2^6 + 3^3 + 5^1 + 6^3 + 14^0 = 26 + 33 + 51 + 63 + 140 \\313 &:= 2^6 + 3^3 + 5^2 + 6^0 + 14^2 = 26 + 33 + 52 + 60 + 142 \\313 &:= 2^6 + 4^2 + 4^2 + 6^3 + 14^0 = 26 + 42 + 42 + 63 + 140 \\313 &:= 2^7 + 5^3 + 6^0 + 7^2 + 10^1 = 27 + 53 + 60 + 72 + 101 \\313 &:= 2^8 + 3^2 + 6^2 + 8^0 + 11^1 = 28 + 32 + 62 + 80 + 111 \\313 &:= 2^8 + 4^0 + 4^2 + 5^2 + 15^1 = 28 + 40 + 42 + 52 + 151\end{aligned}$$

$$313 := 2^8 + 4^1 + 4^2 + 6^2 + 14^0 = 28 + 41 + 42 + 62 + 140$$

$$313 := 2^8 + 5^2 + 5^2 + 6^1 + 12^0 = 28 + 52 + 52 + 61 + 120$$

$$313 := 3^4 + 3^4 + 5^2 + 5^3 + 14^0 = 34 + 34 + 52 + 53 + 140$$

2.2.215 Number 314

$$314 := 2^5 + 2^8 + 26^1 = 25 + 28 + 261$$

$$314 := 6^0 + 12^2 + 13^2 = 60 + 122 + 132$$

$$314 := 1^0 + 2^5 + 2^8 + 25^1 = 10 + 25 + 28 + 251$$

$$314 := 1^3 + 2^8 + 6^2 + 21^1 = 13 + 28 + 62 + 211$$

$$314 := 1^8 + 5^2 + 12^2 + 12^2 = 18 + 52 + 122 + 122$$

$$314 := 1^8 + 6^2 + 9^2 + 14^2 = 18 + 62 + 92 + 142$$

$$314 := 1^9 + 4^2 + 8^1 + 17^2 = 19 + 42 + 81 + 172$$

$$314 := 2^8 + 3^2 + 3^3 + 22^1 = 28 + 32 + 33 + 221$$

$$314 := 1^0 + 1^0 + 2^5 + 2^8 + 24^1 = 10 + 10 + 25 + 28 + 241$$

$$314 := 1^0 + 1^3 + 2^8 + 6^2 + 20^1 = 10 + 13 + 28 + 62 + 201$$

$$314 := 1^0 + 1^8 + 4^2 + 10^2 + 14^2 = 10 + 18 + 42 + 102 + 142$$

$$314 := 1^0 + 1^9 + 4^2 + 7^1 + 17^2 = 10 + 19 + 42 + 71 + 172$$

$$314 := 1^0 + 2^5 + 2^6 + 6^3 + 19^0 = 10 + 25 + 26 + 63 + 190$$

$$314 := 1^0 + 2^8 + 3^2 + 3^3 + 21^1 = 10 + 28 + 32 + 33 + 211$$

$$314 := 1^1 + 1^2 + 2^8 + 6^2 + 20^1 = 11 + 12 + 28 + 62 + 201$$

$$314 := 1^1 + 1^7 + 4^2 + 10^2 + 14^2 = 11 + 17 + 42 + 102 + 142$$

$$314 := 1^1 + 1^8 + 4^2 + 7^1 + 17^2 = 11 + 18 + 42 + 71 + 172$$

$$314 := 1^2 + 1^6 + 4^2 + 10^2 + 14^2 = 12 + 16 + 42 + 102 + 142$$

$$314 := 1^2 + 1^7 + 4^2 + 7^1 + 17^2 = 12 + 17 + 42 + 71 + 172$$

$$314 := 1^2 + 2^1 + 2^8 + 6^2 + 19^1 = 12 + 21 + 28 + 62 + 191$$

$$314 := 1^2 + 2^2 + 2^5 + 4^4 + 21^1 = 12 + 22 + 25 + 44 + 211$$

$$314 := 1^2 + 2^2 + 2^7 + 12^1 + 13^2 = 12 + 22 + 27 + 121 + 132$$

$$314 := 1^2 + 2^4 + 2^5 + 9^1 + 16^2 = 12 + 24 + 25 + 91 + 162$$

$$314 := 1^2 + 2^4 + 3^5 + 6^2 + 18^1 = 12 + 24 + 35 + 62 + 181$$

$$314 := 1^2 + 2^6 + 3^5 + 5^1 + 19^0 = 12 + 26 + 35 + 51 + 190$$

$$314 := 1^2 + 2^6 + 4^2 + 6^3 + 17^1 = 12 + 26 + 42 + 63 + 171$$

$$314 := 1^2 + 2^6 + 7^2 + 10^2 + 10^2 = 12 + 26 + 72 + 102 + 102$$

$$314 := 1^2 + 2^6 + 8^2 + 8^2 + 11^2 = 12 + 26 + 82 + 82 + 112$$

$$314 := 1^2 + 2^8 + 3^1 + 6^2 + 18^1 = 12 + 28 + 31 + 62 + 181$$

$$314 := 1^2 + 2^8 + 4^1 + 6^2 + 17^1 = 12 + 28 + 41 + 62 + 171$$

$$314 := 1^2 + 2^8 + 5^1 + 6^2 + 16^1 = 12 + 28 + 51 + 62 + 161$$

$$314 := 1^2 + 2^8 + 6^1 + 6^2 + 15^1 = 12 + 28 + 61 + 62 + 151$$

$$314 := 1^2 + 2^8 + 6^2 + 10^1 + 11^1 = 12 + 28 + 62 + 101 + 111$$

$$314 := 1^2 + 2^8 + 6^2 + 7^1 + 14^1 = 12 + 28 + 62 + 71 + 141$$

$$314 := 1^2 + 2^8 + 6^2 + 8^1 + 13^1 = 12 + 28 + 62 + 81 + 131$$

$$314 := 1^2 + 2^8 + 6^2 + 9^1 + 12^1 = 12 + 28 + 62 + 91 + 121$$

$$314 := 1^3 + 1^5 + 4^2 + 10^2 + 14^2 = 13 + 15 + 42 + 102 + 142$$

$$314 := 1^3 + 1^6 + 4^2 + 7^1 + 17^2 = 13 + 16 + 42 + 71 + 172$$

$$314 := 1^3 + 2^4 + 4^3 + 6^3 + 17^1 = 13 + 24 + 43 + 63 + 171$$

$$314 := 1^3 + 2^5 + 4^2 + 11^2 + 12^2 = 13 + 25 + 42 + 112 + 122$$

$$314 := 1^3 + 2^5 + 4^3 + 6^3 + 17^0 = 13 + 25 + 43 + 63 + 170$$

$$314 := 1^3 + 2^5 + 6^2 + 7^2 + 14^2 = 13 + 25 + 62 + 72 + 142$$

$$314 := 1^3 + 2^6 + 4^2 + 8^1 + 15^2 = 13 + 26 + 42 + 81 + 152$$

$$314 := 1^3 + 2^6 + 5^1 + 10^2 + 12^2 = 13 + 26 + 51 + 102 + 122$$

$$314 := 1^3 + 2^8 + 7^1 + 7^2 + 13^0 = 13 + 28 + 71 + 72 + 130$$

$$314 := 1^3 + 3^3 + 3^5 + 5^2 + 18^1 = 13 + 33 + 35 + 52 + 181$$

$$314 := 1^4 + 1^4 + 4^2 + 10^2 + 14^2 = 14 + 14 + 42 + 102 + 142$$

$$314 := 1^4 + 1^5 + 4^2 + 7^1 + 17^2 = 14 + 15 + 42 + 71 + 172$$

$$314 := 1^4 + 2^2 + 3^5 + 7^2 + 17^1 = 14 + 22 + 35 + 72 + 171$$

$$314 := 1^4 + 2^4 + 3^2 + 12^2 + 12^2 = 14 + 24 + 32 + 122 + 122$$

$$314 := 1^4 + 2^4 + 4^3 + 8^1 + 15^2 = 14 + 24 + 43 + 81 + 152$$

$$314 := 1^4 + 2^4 + 6^2 + 6^2 + 15^2 = 14 + 24 + 62 + 62 + 152$$

$$314 := 1^4 + 2^5 + 4^1 + 9^2 + 14^2 = 14 + 25 + 41 + 92 + 142$$

$$314 := 1^4 + 2^5 + 6^3 + 8^2 + 13^0 = 14 + 25 + 63 + 82 + 130$$

$$314 := 1^4 + 3^3 + 3^4 + 9^1 + 14^2 = 14 + 33 + 34 + 91 + 142$$

$$314 := 1^5 + 2^2 + 4^4 + 6^2 + 17^1 = 15 + 22 + 44 + 62 + 171$$

$$314 := 1^5 + 2^3 + 2^3 + 8^1 + 17^2 = 15 + 23 + 23 + 81 + 172$$

$$314 := 1^5 + 2^3 + 3^2 + 10^2 + 14^2 = 15 + 23 + 32 + 102 + 142$$

$$314 := 1^5 + 2^3 + 4^2 + 8^2 + 15^2 = 15 + 23 + 42 + 82 + 152$$

$$314 := 1^5 + 2^4 + 5^1 + 6^2 + 16^2 = 15 + 24 + 51 + 62 + 162$$

$$314 := 1^5 + 3^2 + 3^3 + 9^2 + 14^2 = 15 + 32 + 33 + 92 + 142$$

$$314 := 1^5 + 3^3 + 5^2 + 6^2 + 15^2 = 15 + 33 + 52 + 62 + 152$$

$$314 := 1^5 + 3^5 + 4^3 + 5^1 + 17^0 = 15 + 35 + 43 + 51 + 170$$

$$314 := 1^5 + 4^2 + 4^3 + 8^2 + 13^2 = 15 + 42 + 43 + 82 + 132$$

$$314 := 1^5 + 4^2 + 4^4 + 5^2 + 16^1 = 15 + 42 + 44 + 52 + 161$$

$$314 := 1^6 + 2^2 + 6^3 + 9^2 + 12^1 = 16 + 22 + 63 + 92 + 121$$

$$\begin{aligned} 314 &:= 1^6 + 2^3 + 3^2 + 7^1 + 17^2 = 16 + 23 + 32 + 71 + 172 \\ 314 &:= 1^6 + 2^4 + 3^0 + 10^2 + 14^2 = 16 + 24 + 30 + 102 + 142 \\ 314 &:= 1^6 + 3^3 + 5^1 + 5^2 + 16^2 = 16 + 33 + 51 + 52 + 162 \\ 314 &:= 1^6 + 3^4 + 5^0 + 6^3 + 15^1 = 16 + 34 + 50 + 63 + 151 \\ 314 &:= 1^6 + 3^5 + 5^1 + 8^2 + 13^0 = 16 + 35 + 51 + 82 + 130 \\ 314 &:= 1^6 + 4^1 + 4^3 + 7^2 + 14^2 = 16 + 41 + 43 + 72 + 142 \\ 314 &:= 1^6 + 4^2 + 4^2 + 5^2 + 16^2 = 16 + 42 + 42 + 52 + 162 \\ 314 &:= 1^7 + 2^2 + 3^1 + 9^2 + 15^2 = 17 + 22 + 31 + 92 + 152 \\ 314 &:= 1^7 + 2^2 + 4^1 + 7^2 + 16^2 = 17 + 22 + 41 + 72 + 162 \\ 314 &:= 1^7 + 2^4 + 3^0 + 7^1 + 17^2 = 17 + 24 + 30 + 71 + 172 \\ 314 &:= 1^7 + 3^2 + 3^2 + 6^1 + 17^2 = 17 + 32 + 32 + 61 + 172 \\ 314 &:= 1^7 + 3^4 + 5^0 + 6^1 + 15^2 = 17 + 34 + 50 + 61 + 152 \\ 314 &:= 1^7 + 4^4 + 7^1 + 7^2 + 11^0 = 17 + 44 + 71 + 72 + 110 \\ 314 &:= 1^8 + 2^1 + 4^2 + 6^1 + 17^2 = 18 + 21 + 42 + 61 + 172 \\ 314 &:= 1^8 + 3^1 + 4^2 + 5^1 + 17^2 = 18 + 31 + 42 + 51 + 172 \\ 314 &:= 1^8 + 4^1 + 4^1 + 4^2 + 17^2 = 18 + 41 + 41 + 42 + 172 \\ 314 &:= 2^0 + 2^5 + 2^6 + 6^3 + 18^0 = 20 + 25 + 26 + 63 + 180 \\ 314 &:= 2^1 + 2^2 + 2^6 + 3^5 + 21^0 = 21 + 22 + 26 + 35 + 210 \\ 314 &:= 2^2 + 2^2 + 2^8 + 7^2 + 17^0 = 22 + 22 + 28 + 72 + 170 \\ 314 &:= 2^2 + 2^6 + 5^2 + 10^2 + 11^2 = 22 + 26 + 52 + 102 + 112 \\ 314 &:= 2^3 + 2^4 + 4^2 + 4^4 + 18^1 = 23 + 24 + 42 + 44 + 181 \\ 314 &:= 2^3 + 2^5 + 3^2 + 11^2 + 12^2 = 23 + 25 + 32 + 112 + 122 \\ 314 &:= 2^3 + 2^6 + 3^2 + 8^1 + 15^2 = 23 + 26 + 32 + 81 + 152 \\ 314 &:= 2^3 + 2^6 + 5^2 + 6^3 + 15^0 = 23 + 26 + 52 + 63 + 150 \\ 314 &:= 2^3 + 2^8 + 6^2 + 7^0 + 13^1 = 23 + 28 + 62 + 70 + 131 \\ 314 &:= 2^4 + 2^4 + 4^4 + 5^2 + 17^0 = 24 + 24 + 44 + 52 + 170 \\ 314 &:= 2^4 + 2^5 + 4^4 + 9^1 + 13^0 = 24 + 25 + 44 + 91 + 130 \\ 314 &:= 2^4 + 2^5 + 5^1 + 6^2 + 15^2 = 24 + 25 + 51 + 62 + 152 \\ 314 &:= 2^4 + 2^5 + 6^3 + 7^2 + 13^0 = 24 + 25 + 63 + 72 + 130 \\ 314 &:= 2^4 + 2^6 + 3^0 + 6^3 + 17^1 = 24 + 26 + 30 + 63 + 171 \\ 314 &:= 2^4 + 2^6 + 5^0 + 8^2 + 13^2 = 24 + 26 + 50 + 82 + 132 \\ 314 &:= 2^4 + 3^3 + 3^3 + 10^2 + 12^2 = 24 + 33 + 33 + 102 + 122 \\ 314 &:= 2^4 + 3^4 + 4^3 + 9^1 + 12^2 = 24 + 34 + 43 + 91 + 122 \\ 314 &:= 2^4 + 3^4 + 5^3 + 9^2 + 11^1 = 24 + 34 + 53 + 92 + 111 \\ 314 &:= 2^4 + 3^4 + 6^2 + 9^2 + 10^2 = 24 + 34 + 62 + 92 + 102 \end{aligned}$$

$$\begin{aligned} 314 &:= 2^5 + 2^6 + 3^0 + 6^3 + 17^0 = 25 + 26 + 30 + 63 + 170 \\ 314 &:= 2^5 + 2^6 + 4^0 + 6^3 + 16^0 = 25 + 26 + 40 + 63 + 160 \\ 314 &:= 2^5 + 2^6 + 5^0 + 6^3 + 15^0 = 25 + 26 + 50 + 63 + 150 \\ 314 &:= 2^5 + 2^6 + 6^0 + 6^3 + 14^0 = 25 + 26 + 60 + 63 + 140 \\ 314 &:= 2^5 + 2^6 + 6^3 + 10^0 + 10^0 = 25 + 26 + 63 + 100 + 100 \\ 314 &:= 2^5 + 2^6 + 6^3 + 7^0 + 13^0 = 25 + 26 + 63 + 70 + 130 \\ 314 &:= 2^5 + 2^6 + 6^3 + 8^0 + 12^0 = 25 + 26 + 63 + 80 + 120 \\ 314 &:= 2^5 + 2^6 + 6^3 + 9^0 + 11^0 = 25 + 26 + 63 + 90 + 110 \\ 314 &:= 2^5 + 3^3 + 3^5 + 11^0 + 11^1 = 25 + 33 + 35 + 110 + 111 \\ 314 &:= 2^5 + 3^3 + 5^2 + 6^3 + 14^1 = 25 + 33 + 52 + 63 + 141 \\ 314 &:= 2^5 + 3^3 + 5^3 + 9^1 + 11^2 = 25 + 33 + 53 + 91 + 112 \\ 314 &:= 2^5 + 3^4 + 5^2 + 7^1 + 13^2 = 25 + 34 + 52 + 71 + 132 \\ 314 &:= 2^5 + 4^2 + 4^3 + 9^2 + 11^2 = 25 + 42 + 43 + 92 + 112 \\ 314 &:= 2^5 + 4^3 + 5^2 + 7^2 + 12^2 = 25 + 43 + 52 + 72 + 122 \\ 314 &:= 2^6 + 3^2 + 3^2 + 6^3 + 16^1 = 26 + 32 + 32 + 63 + 161 \\ 314 &:= 2^6 + 3^2 + 4^2 + 9^2 + 12^2 = 26 + 32 + 42 + 92 + 122 \\ 314 &:= 2^6 + 3^2 + 4^3 + 8^1 + 13^2 = 26 + 32 + 43 + 81 + 132 \\ 314 &:= 2^6 + 3^2 + 6^2 + 6^2 + 13^2 = 26 + 32 + 62 + 62 + 132 \\ 314 &:= 2^6 + 3^3 + 5^1 + 7^2 + 13^2 = 26 + 33 + 51 + 72 + 132 \\ 314 &:= 2^6 + 4^2 + 4^2 + 7^2 + 13^2 = 26 + 42 + 42 + 72 + 132 \\ 314 &:= 2^6 + 4^2 + 5^3 + 9^1 + 10^2 = 26 + 42 + 53 + 91 + 102 \\ 314 &:= 2^6 + 4^3 + 4^3 + 9^0 + 11^2 = 26 + 43 + 43 + 90 + 112 \\ 314 &:= 2^6 + 4^3 + 5^1 + 9^2 + 10^2 = 26 + 43 + 51 + 92 + 102 \\ 314 &:= 2^6 + 4^3 + 6^1 + 6^2 + 12^2 = 26 + 43 + 61 + 62 + 122 \\ 314 &:= 2^6 + 5^3 + 6^2 + 8^1 + 9^2 = 26 + 53 + 62 + 81 + 92 \\ 314 &:= 2^7 + 3^2 + 5^2 + 8^1 + 12^2 = 27 + 32 + 52 + 81 + 122 \\ 314 &:= 2^7 + 3^2 + 7^1 + 7^2 + 11^2 = 27 + 32 + 71 + 72 + 112 \\ 314 &:= 2^7 + 3^4 + 4^1 + 10^2 + 11^0 = 27 + 34 + 41 + 102 + 110 \\ 314 &:= 2^7 + 4^2 + 6^1 + 8^2 + 10^2 = 27 + 42 + 61 + 82 + 102 \\ 314 &:= 2^7 + 5^1 + 6^2 + 8^2 + 9^2 = 27 + 51 + 62 + 82 + 92 \\ 314 &:= 2^8 + 3^3 + 4^2 + 7^0 + 14^1 = 28 + 33 + 42 + 70 + 141 \\ 314 &:= 2^8 + 3^3 + 5^1 + 5^2 + 15^0 = 28 + 33 + 51 + 52 + 150 \\ 314 &:= 2^8 + 4^2 + 4^2 + 5^2 + 15^0 = 28 + 42 + 42 + 52 + 150 \end{aligned}$$

2.2.216 Number 315

$$\begin{aligned}
 315 &:= 4^2 + 10^1 + 17^2 &= 42 + 101 + 172 \\
 315 &:= 1^0 + 4^2 + 9^1 + 17^2 &= 10 + 42 + 91 + 172 \\
 315 &:= 1^1 + 5^0 + 12^2 + 13^2 &= 11 + 50 + 122 + 132 \\
 315 &:= 1^0 + 1^0 + 4^2 + 8^1 + 17^2 &= 10 + 10 + 42 + 81 + 172 \\
 315 &:= 1^0 + 2^5 + 2^8 + 5^2 + 20^0 &= 10 + 25 + 28 + 52 + 200 \\
 315 &:= 1^0 + 2^6 + 2^7 + 11^2 + 14^0 &= 10 + 26 + 27 + 112 + 140 \\
 315 &:= 1^2 + 2^3 + 2^8 + 7^2 + 18^0 &= 12 + 23 + 28 + 72 + 180 \\
 315 &:= 1^2 + 2^4 + 2^7 + 12^0 + 13^2 &= 12 + 24 + 27 + 120 + 132 \\
 315 &:= 1^3 + 2^6 + 3^5 + 6^1 + 18^0 &= 13 + 26 + 35 + 61 + 180 \\
 315 &:= 1^3 + 2^7 + 4^3 + 11^2 + 12^0 &= 13 + 27 + 43 + 112 + 120 \\
 315 &:= 1^4 + 2^4 + 3^4 + 6^3 + 18^0 &= 14 + 24 + 34 + 63 + 180 \\
 315 &:= 1^4 + 2^5 + 4^4 + 5^2 + 18^0 &= 14 + 25 + 44 + 52 + 180 \\
 315 &:= 1^4 + 2^7 + 4^2 + 10^0 + 13^2 &= 14 + 27 + 42 + 100 + 132 \\
 315 &:= 1^4 + 2^7 + 8^0 + 8^2 + 11^2 &= 14 + 27 + 80 + 82 + 112 \\
 315 &:= 1^4 + 2^8 + 7^2 + 8^1 + 12^0 &= 14 + 28 + 72 + 81 + 120 \\
 315 &:= 1^6 + 2^3 + 2^4 + 8^0 + 17^2 &= 16 + 23 + 24 + 80 + 172 \\
 315 &:= 1^6 + 2^3 + 4^4 + 7^2 + 16^0 &= 16 + 23 + 44 + 72 + 160 \\
 315 &:= 1^6 + 2^4 + 6^3 + 9^2 + 12^0 &= 16 + 24 + 63 + 92 + 120 \\
 315 &:= 1^6 + 2^5 + 5^2 + 6^0 + 16^2 &= 16 + 25 + 52 + 60 + 162 \\
 315 &:= 1^6 + 3^4 + 4^2 + 6^3 + 16^0 &= 16 + 34 + 42 + 63 + 160 \\
 315 &:= 1^6 + 3^5 + 4^3 + 6^1 + 16^0 &= 16 + 35 + 43 + 61 + 160 \\
 315 &:= 1^7 + 3^4 + 4^0 + 6^3 + 16^1 &= 17 + 34 + 40 + 63 + 161 \\
 315 &:= 1^7 + 3^4 + 6^0 + 6^2 + 14^2 &= 17 + 34 + 60 + 62 + 142 \\
 315 &:= 1^7 + 3^5 + 6^1 + 8^2 + 12^0 &= 17 + 35 + 61 + 82 + 120 \\
 315 &:= 1^8 + 2^0 + 2^4 + 8^1 + 17^2 &= 18 + 20 + 24 + 81 + 172 \\
 315 &:= 1^8 + 2^3 + 4^0 + 7^2 + 16^2 &= 18 + 23 + 40 + 72 + 162 \\
 315 &:= 1^8 + 2^3 + 4^2 + 6^0 + 17^2 &= 18 + 23 + 42 + 60 + 172 \\
 315 &:= 1^8 + 3^4 + 4^0 + 7^1 + 15^2 &= 18 + 34 + 40 + 71 + 152
 \end{aligned}$$

$$\begin{aligned}
 315 &:= 1^8 + 4^2 + 6^3 + 9^2 + 10^0 &= 18 + 42 + 63 + 92 + 100 \\
 315 &:= 1^8 + 4^4 + 7^2 + 8^1 + 10^0 &= 18 + 44 + 72 + 81 + 100 \\
 315 &:= 1^9 + 1^9 + 2^4 + 8^1 + 17^2 &= 19 + 19 + 24 + 81 + 172 \\
 315 &:= 1^9 + 2^2 + 2^5 + 2^8 + 22^1 &= 19 + 22 + 25 + 28 + 221 \\
 315 &:= 2^0 + 2^5 + 2^8 + 5^2 + 19^0 &= 20 + 25 + 28 + 52 + 190 \\
 315 &:= 2^0 + 2^6 + 2^7 + 11^2 + 13^0 &= 20 + 26 + 27 + 112 + 130 \\
 315 &:= 2^1 + 2^5 + 2^6 + 6^3 + 18^0 &= 21 + 25 + 26 + 63 + 180 \\
 315 &:= 2^3 + 2^8 + 5^2 + 5^2 + 16^0 &= 23 + 28 + 52 + 52 + 160 \\
 315 &:= 2^4 + 2^7 + 7^2 + 8^0 + 11^2 &= 24 + 27 + 72 + 80 + 112 \\
 315 &:= 2^4 + 2^8 + 4^0 + 5^2 + 17^1 &= 24 + 28 + 40 + 52 + 171 \\
 315 &:= 2^4 + 2^8 + 6^1 + 6^2 + 14^0 &= 24 + 28 + 61 + 62 + 140 \\
 315 &:= 2^5 + 2^6 + 6^0 + 7^2 + 13^2 &= 25 + 26 + 60 + 72 + 132 \\
 315 &:= 2^5 + 2^7 + 4^0 + 10^1 + 12^2 &= 25 + 27 + 40 + 101 + 122 \\
 315 &:= 2^5 + 2^8 + 3^0 + 5^2 + 18^0 &= 25 + 28 + 30 + 52 + 180 \\
 315 &:= 2^5 + 2^8 + 4^0 + 5^2 + 17^0 &= 25 + 28 + 40 + 52 + 170 \\
 315 &:= 2^5 + 2^8 + 5^0 + 5^2 + 16^0 &= 25 + 28 + 50 + 52 + 160 \\
 315 &:= 2^5 + 2^8 + 5^2 + 10^0 + 11^0 &= 25 + 28 + 52 + 100 + 110 \\
 315 &:= 2^5 + 2^8 + 5^2 + 6^0 + 15^0 &= 25 + 28 + 52 + 60 + 150 \\
 315 &:= 2^5 + 2^8 + 5^2 + 7^0 + 14^0 &= 25 + 28 + 52 + 70 + 140 \\
 315 &:= 2^5 + 2^8 + 5^2 + 8^0 + 13^0 &= 25 + 28 + 52 + 80 + 130 \\
 315 &:= 2^5 + 2^8 + 5^2 + 9^0 + 12^0 &= 25 + 28 + 52 + 90 + 120 \\
 315 &:= 2^6 + 2^7 + 3^0 + 11^2 + 12^0 &= 26 + 27 + 30 + 112 + 120 \\
 315 &:= 2^6 + 2^7 + 4^0 + 11^0 + 11^2 &= 26 + 27 + 40 + 110 + 112 \\
 315 &:= 2^6 + 2^7 + 5^0 + 10^0 + 11^2 &= 26 + 27 + 50 + 100 + 112 \\
 315 &:= 2^6 + 2^7 + 6^0 + 9^0 + 11^2 &= 26 + 27 + 60 + 90 + 112 \\
 315 &:= 2^6 + 2^7 + 7^0 + 8^0 + 11^2 &= 26 + 27 + 70 + 80 + 112 \\
 315 &:= 2^8 + 3^3 + 3^3 + 4^1 + 18^0 &= 28 + 33 + 33 + 41 + 180
 \end{aligned}$$

2.2.217 Number 316

$$\begin{aligned}
 316 &:= 1^2 + 5^2 + 8^0 + 17^2 &= 12 + 52 + 80 + 172 \\
 316 &:= 1^9 + 2^4 + 10^1 + 17^2 &= 19 + 24 + 101 + 172 \\
 316 &:= 2^0 + 5^2 + 11^2 + 13^2 &= 20 + 52 + 112 + 132 \\
 316 &:= 2^2 + 2^5 + 2^8 + 24^1 &= 22 + 25 + 28 + 241 \\
 316 &:= 2^5 + 2^8 + 3^3 + 23^0 &= 25 + 28 + 33 + 230 \\
 316 &:= 3^2 + 4^0 + 9^2 + 15^2 &= 32 + 40 + 92 + 152 \\
 316 &:= 1^0 + 1^2 + 4^0 + 12^2 + 13^2 &= 10 + 12 + 40 + 122 + 132
 \end{aligned}$$

$$\begin{aligned}
 316 &:= 1^0 + 1^9 + 2^4 + 9^1 + 17^2 &= 10 + 19 + 24 + 91 + 172 \\
 316 &:= 1^0 + 2^0 + 5^2 + 8^2 + 15^2 &= 10 + 20 + 52 + 82 + 152 \\
 316 &:= 1^0 + 2^2 + 2^5 + 2^8 + 23^1 &= 10 + 22 + 25 + 28 + 231 \\
 316 &:= 1^0 + 3^2 + 4^0 + 7^2 + 16^2 &= 10 + 32 + 40 + 72 + 162 \\
 316 &:= 1^0 + 3^2 + 4^2 + 6^0 + 17^2 &= 10 + 32 + 42 + 60 + 172 \\
 316 &:= 1^1 + 1^1 + 4^0 + 12^2 + 13^2 &= 11 + 11 + 40 + 122 + 132 \\
 316 &:= 1^1 + 1^8 + 2^4 + 9^1 + 17^2 &= 11 + 18 + 24 + 91 + 172
 \end{aligned}$$

$$\begin{aligned} 316 &:= 1^1 + 1^9 + 5^2 + 8^2 + 15^2 = 11 + 19 + 52 + 82 + 152 \\ 316 &:= 1^2 + 1^7 + 2^4 + 9^1 + 17^2 = 12 + 17 + 24 + 91 + 172 \\ 316 &:= 1^2 + 1^8 + 5^2 + 8^2 + 15^2 = 12 + 18 + 52 + 82 + 152 \\ 316 &:= 1^2 + 2^0 + 3^0 + 12^2 + 13^2 = 12 + 20 + 30 + 122 + 132 \\ 316 &:= 1^2 + 2^4 + 2^6 + 6^3 + 19^1 = 12 + 24 + 26 + 63 + 191 \\ 316 &:= 1^3 + 1^6 + 2^4 + 9^1 + 17^2 = 13 + 16 + 24 + 91 + 172 \\ 316 &:= 1^3 + 1^7 + 5^2 + 8^2 + 15^2 = 13 + 17 + 52 + 82 + 152 \\ 316 &:= 1^3 + 1^9 + 3^0 + 12^2 + 13^2 = 13 + 19 + 30 + 122 + 132 \\ 316 &:= 1^3 + 2^2 + 2^8 + 6^2 + 19^1 = 13 + 22 + 28 + 62 + 191 \\ 316 &:= 1^3 + 2^4 + 2^6 + 10^1 + 15^2 = 13 + 24 + 26 + 101 + 152 \\ 316 &:= 1^3 + 2^8 + 4^2 + 5^2 + 18^1 = 13 + 28 + 42 + 52 + 181 \\ 316 &:= 1^4 + 1^5 + 2^4 + 9^1 + 17^2 = 14 + 15 + 24 + 91 + 172 \\ 316 &:= 1^4 + 1^6 + 5^2 + 8^2 + 15^2 = 14 + 16 + 52 + 82 + 152 \\ 316 &:= 1^4 + 1^8 + 3^0 + 12^2 + 13^2 = 14 + 18 + 30 + 122 + 132 \\ 316 &:= 1^4 + 2^6 + 3^4 + 11^0 + 13^2 = 14 + 26 + 34 + 110 + 132 \\ 316 &:= 1^4 + 2^6 + 3^5 + 7^1 + 17^0 = 14 + 26 + 35 + 71 + 170 \\ 316 &:= 1^4 + 2^6 + 5^3 + 5^3 + 17^0 = 14 + 26 + 53 + 53 + 170 \\ 316 &:= 1^4 + 2^6 + 7^2 + 9^2 + 11^2 = 14 + 26 + 72 + 92 + 112 \\ 316 &:= 1^4 + 2^8 + 3^2 + 7^2 + 17^0 = 14 + 28 + 32 + 72 + 170 \\ 316 &:= 1^5 + 1^5 + 5^2 + 8^2 + 15^2 = 15 + 15 + 52 + 82 + 152 \\ 316 &:= 1^5 + 1^7 + 3^0 + 12^2 + 13^2 = 15 + 17 + 30 + 122 + 132 \\ 316 &:= 1^5 + 2^4 + 4^4 + 5^2 + 18^1 = 15 + 24 + 44 + 52 + 181 \\ 316 &:= 1^5 + 2^6 + 6^1 + 7^2 + 14^2 = 15 + 26 + 61 + 72 + 142 \\ 316 &:= 1^5 + 2^8 + 7^2 + 9^1 + 11^0 = 15 + 28 + 72 + 91 + 110 \\ 316 &:= 1^6 + 1^6 + 3^0 + 12^2 + 13^2 = 16 + 16 + 30 + 122 + 132 \\ 316 &:= 1^6 + 2^4 + 3^2 + 11^2 + 13^2 = 16 + 24 + 32 + 112 + 132 \\ 316 &:= 1^6 + 2^4 + 5^2 + 7^2 + 15^2 = 16 + 24 + 52 + 72 + 152 \\ 316 &:= 1^6 + 2^6 + 5^0 + 9^2 + 13^2 = 16 + 26 + 50 + 92 + 132 \\ 316 &:= 1^6 + 2^6 + 5^2 + 7^0 + 15^2 = 16 + 26 + 52 + 70 + 152 \\ 316 &:= 1^6 + 3^4 + 7^2 + 8^2 + 11^2 = 16 + 34 + 72 + 82 + 112 \\ 316 &:= 1^7 + 2^3 + 3^4 + 9^0 + 15^2 = 17 + 23 + 34 + 90 + 152 \\ 316 &:= 1^7 + 2^4 + 3^1 + 10^2 + 14^2 = 17 + 24 + 31 + 102 + 142 \\ 316 &:= 1^7 + 3^2 + 4^3 + 11^2 + 11^2 = 17 + 32 + 43 + 112 + 112 \\ 316 &:= 1^7 + 3^4 + 4^3 + 9^0 + 13^2 = 17 + 34 + 43 + 90 + 132 \\ 316 &:= 1^7 + 3^5 + 4^3 + 7^1 + 15^0 = 17 + 35 + 43 + 71 + 150 \\ 316 &:= 1^7 + 4^3 + 5^3 + 5^3 + 15^0 = 17 + 43 + 53 + 53 + 150 \\ 316 &:= 1^8 + 2^1 + 2^4 + 8^1 + 17^2 = 18 + 21 + 24 + 81 + 172 \end{aligned}$$

$$\begin{aligned} 316 &:= 1^8 + 2^4 + 3^1 + 7^1 + 17^2 = 18 + 24 + 31 + 71 + 172 \\ 316 &:= 1^8 + 2^4 + 3^2 + 7^0 + 17^2 = 18 + 24 + 32 + 70 + 172 \\ 316 &:= 1^8 + 2^4 + 4^1 + 6^1 + 17^2 = 18 + 24 + 41 + 61 + 172 \\ 316 &:= 1^8 + 2^4 + 5^1 + 5^1 + 17^2 = 18 + 24 + 51 + 51 + 172 \\ 316 &:= 1^8 + 3^0 + 3^4 + 6^3 + 17^1 = 18 + 30 + 34 + 63 + 171 \\ 316 &:= 1^8 + 3^2 + 4^4 + 7^2 + 15^0 = 18 + 32 + 44 + 72 + 150 \\ 316 &:= 1^8 + 3^2 + 5^2 + 5^2 + 16^2 = 18 + 32 + 52 + 52 + 162 \\ 316 &:= 1^8 + 3^4 + 5^0 + 8^2 + 13^2 = 18 + 34 + 50 + 82 + 132 \\ 316 &:= 1^8 + 3^5 + 7^1 + 8^2 + 11^0 = 18 + 35 + 71 + 82 + 110 \\ 316 &:= 1^8 + 5^1 + 5^3 + 8^2 + 11^2 = 18 + 51 + 53 + 82 + 112 \\ 316 &:= 1^8 + 5^2 + 6^3 + 8^2 + 10^1 = 18 + 52 + 63 + 82 + 101 \\ 316 &:= 1^8 + 5^3 + 5^3 + 8^2 + 11^0 = 18 + 53 + 53 + 82 + 110 \\ 316 &:= 1^9 + 2^2 + 4^2 + 6^1 + 17^2 = 19 + 22 + 42 + 61 + 172 \\ 316 &:= 1^9 + 2^3 + 3^0 + 9^2 + 15^2 = 19 + 23 + 30 + 92 + 152 \\ 316 &:= 1^9 + 3^0 + 3^4 + 8^1 + 15^2 = 19 + 30 + 34 + 81 + 152 \\ 316 &:= 1^9 + 3^0 + 4^3 + 9^2 + 13^2 = 19 + 30 + 43 + 92 + 132 \\ 316 &:= 1^9 + 4^3 + 5^0 + 5^2 + 15^2 = 19 + 43 + 50 + 52 + 152 \\ 316 &:= 1^9 + 4^4 + 7^2 + 9^0 + 9^1 = 19 + 44 + 72 + 90 + 91 \\ 316 &:= 1^9 + 6^3 + 7^2 + 7^2 + 9^0 = 19 + 63 + 72 + 72 + 90 \\ 316 &:= 2^0 + 3^0 + 3^2 + 7^2 + 16^2 = 20 + 30 + 32 + 72 + 162 \\ 316 &:= 2^0 + 3^2 + 4^2 + 5^0 + 17^2 = 20 + 32 + 42 + 50 + 172 \\ 316 &:= 2^1 + 2^5 + 2^8 + 5^2 + 19^0 = 21 + 25 + 28 + 52 + 190 \\ 316 &:= 2^1 + 2^6 + 2^7 + 11^2 + 13^0 = 21 + 26 + 27 + 112 + 130 \\ 316 &:= 2^2 + 2^8 + 3^2 + 3^3 + 20^1 = 22 + 28 + 32 + 33 + 201 \\ 316 &:= 2^3 + 2^4 + 2^4 + 4^4 + 20^1 = 23 + 24 + 24 + 44 + 201 \\ 316 &:= 2^3 + 2^8 + 3^2 + 5^2 + 18^1 = 23 + 28 + 32 + 52 + 181 \\ 316 &:= 2^4 + 2^6 + 5^3 + 10^2 + 11^1 = 24 + 26 + 53 + 102 + 111 \\ 316 &:= 2^4 + 2^6 + 6^2 + 10^2 + 10^2 = 24 + 26 + 62 + 102 + 102 \\ 316 &:= 2^4 + 2^7 + 3^3 + 11^0 + 12^2 = 24 + 27 + 33 + 110 + 122 \\ 316 &:= 2^4 + 2^7 + 8^1 + 8^2 + 10^2 = 24 + 27 + 81 + 82 + 102 \\ 316 &:= 2^4 + 2^8 + 3^3 + 7^0 + 16^1 = 24 + 28 + 33 + 70 + 161 \\ 316 &:= 2^5 + 2^5 + 3^5 + 8^1 + 15^0 = 25 + 25 + 35 + 81 + 150 \\ 316 &:= 2^5 + 2^6 + 4^2 + 8^1 + 14^2 = 25 + 26 + 42 + 81 + 142 \\ 316 &:= 2^5 + 2^8 + 3^2 + 5^0 + 18^1 = 25 + 28 + 32 + 50 + 181 \\ 316 &:= 2^5 + 2^8 + 4^2 + 11^0 + 11^1 = 25 + 28 + 42 + 110 + 111 \\ 316 &:= 3^0 + 3^2 + 4^0 + 4^2 + 17^2 = 30 + 32 + 40 + 42 + 172 \end{aligned}$$

2.2.218 Number 317

$$\begin{aligned}
 317 &:= 2^4 + 12^1 + 17^2 &= 24 + 121 + 172 \\
 317 &:= 1^0 + 2^4 + 11^1 + 17^2 &= 10 + 24 + 111 + 172 \\
 317 &:= 2^1 + 5^2 + 11^2 + 13^2 &= 21 + 52 + 112 + 132 \\
 317 &:= 2^2 + 4^2 + 8^1 + 17^2 &= 22 + 42 + 81 + 172 \\
 317 &:= 3^0 + 3^4 + 10^1 + 15^2 &= 30 + 34 + 101 + 152 \\
 317 &:= 3^1 + 5^2 + 8^2 + 15^2 &= 31 + 52 + 82 + 152 \\
 317 &:= 3^3 + 5^0 + 8^2 + 15^2 &= 33 + 50 + 82 + 152 \\
 317 &:= 4^4 + 7^2 + 9^0 + 11^1 &= 44 + 72 + 90 + 111 \\
 317 &:= 6^2 + 6^3 + 8^2 + 11^0 &= 62 + 63 + 82 + 110 \\
 317 &:= 1^0 + 1^0 + 2^4 + 10^1 + 17^2 &= 10 + 10 + 24 + 101 + 172 \\
 317 &:= 1^0 + 1^1 + 5^2 + 11^2 + 13^2 &= 10 + 11 + 52 + 112 + 132 \\
 317 &:= 1^0 + 1^3 + 5^2 + 7^0 + 17^2 &= 10 + 13 + 52 + 70 + 172 \\
 317 &:= 1^0 + 2^1 + 5^2 + 8^2 + 15^2 &= 10 + 21 + 52 + 82 + 152 \\
 317 &:= 1^0 + 2^2 + 4^2 + 7^1 + 17^2 &= 10 + 22 + 42 + 71 + 172 \\
 317 &:= 1^0 + 3^0 + 3^3 + 12^2 + 12^2 &= 10 + 30 + 33 + 122 + 122 \\
 317 &:= 1^0 + 3^0 + 3^4 + 9^1 + 15^2 &= 10 + 30 + 34 + 91 + 152 \\
 317 &:= 1^0 + 4^4 + 7^2 + 9^0 + 10^1 &= 10 + 44 + 72 + 90 + 101 \\
 317 &:= 1^1 + 1^2 + 5^2 + 7^0 + 17^2 &= 11 + 12 + 52 + 70 + 172 \\
 317 &:= 1^1 + 2^5 + 2^8 + 3^3 + 22^0 &= 11 + 25 + 28 + 33 + 220 \\
 317 &:= 1^1 + 3^0 + 3^2 + 9^2 + 15^2 &= 11 + 30 + 32 + 92 + 152 \\
 317 &:= 1^2 + 2^1 + 3^0 + 12^2 + 13^2 &= 12 + 21 + 30 + 122 + 132 \\
 317 &:= 1^3 + 2^0 + 5^2 + 6^0 + 17^2 &= 13 + 20 + 52 + 60 + 172 \\
 317 &:= 1^3 + 2^3 + 2^6 + 3^5 + 22^0 &= 13 + 23 + 26 + 35 + 220 \\
 317 &:= 1^3 + 3^0 + 5^0 + 5^2 + 17^2 &= 13 + 30 + 50 + 52 + 172 \\
 317 &:= 1^3 + 4^0 + 4^0 + 5^2 + 17^2 &= 13 + 40 + 40 + 52 + 172 \\
 317 &:= 1^4 + 1^9 + 5^2 + 6^0 + 17^2 &= 14 + 19 + 52 + 60 + 172
 \end{aligned}$$

$$\begin{aligned}
 317 &:= 1^5 + 1^8 + 5^2 + 6^0 + 17^2 &= 15 + 18 + 52 + 60 + 172 \\
 317 &:= 1^5 + 2^5 + 3^3 + 4^4 + 20^0 &= 15 + 25 + 33 + 44 + 200 \\
 317 &:= 1^5 + 2^6 + 3^5 + 8^1 + 16^0 &= 15 + 26 + 35 + 81 + 160 \\
 317 &:= 1^6 + 1^7 + 5^2 + 6^0 + 17^2 &= 16 + 17 + 52 + 60 + 172 \\
 317 &:= 1^6 + 2^3 + 3^5 + 4^3 + 20^0 &= 16 + 23 + 35 + 43 + 200 \\
 317 &:= 1^6 + 2^8 + 7^2 + 10^0 + 10^1 &= 16 + 28 + 72 + 100 + 101 \\
 317 &:= 1^7 + 2^3 + 3^5 + 8^2 + 16^0 &= 17 + 23 + 35 + 82 + 160 \\
 317 &:= 1^7 + 2^5 + 3^3 + 8^0 + 16^2 &= 17 + 25 + 33 + 80 + 162 \\
 317 &:= 1^8 + 3^5 + 4^3 + 8^1 + 14^0 &= 18 + 35 + 43 + 81 + 140 \\
 317 &:= 1^8 + 3^5 + 6^2 + 6^2 + 14^0 &= 18 + 35 + 62 + 62 + 140 \\
 317 &:= 1^9 + 2^0 + 3^4 + 6^3 + 18^1 &= 19 + 20 + 34 + 63 + 181 \\
 317 &:= 1^9 + 3^2 + 3^4 + 8^0 + 15^2 &= 19 + 32 + 34 + 80 + 152 \\
 317 &:= 1^9 + 3^5 + 8^1 + 8^2 + 10^0 &= 19 + 35 + 81 + 82 + 100 \\
 317 &:= 2^0 + 2^0 + 3^3 + 12^2 + 12^2 &= 20 + 20 + 33 + 122 + 122 \\
 317 &:= 2^0 + 2^0 + 3^4 + 9^1 + 15^2 &= 20 + 20 + 34 + 91 + 152 \\
 317 &:= 2^0 + 4^4 + 7^2 + 8^0 + 10^1 &= 20 + 44 + 72 + 80 + 101 \\
 317 &:= 2^1 + 3^0 + 3^2 + 7^2 + 16^2 &= 21 + 30 + 32 + 72 + 162 \\
 317 &:= 2^1 + 3^2 + 4^2 + 5^0 + 17^2 &= 21 + 32 + 42 + 50 + 172 \\
 317 &:= 2^3 + 2^4 + 2^8 + 6^2 + 18^0 &= 23 + 24 + 28 + 62 + 180 \\
 317 &:= 2^3 + 2^5 + 2^8 + 4^0 + 20^1 &= 23 + 25 + 28 + 40 + 201 \\
 317 &:= 2^5 + 2^5 + 3^2 + 3^5 + 20^0 &= 25 + 25 + 32 + 35 + 200 \\
 317 &:= 2^7 + 2^7 + 7^2 + 8^0 + 11^1 &= 27 + 27 + 72 + 80 + 111 \\
 317 &:= 3^0 + 4^4 + 7^0 + 7^2 + 10^1 &= 30 + 44 + 70 + 72 + 101 \\
 317 &:= 4^0 + 4^4 + 6^0 + 7^2 + 10^1 &= 40 + 44 + 60 + 72 + 101 \\
 317 &:= 4^4 + 5^0 + 5^0 + 7^2 + 10^1 &= 44 + 50 + 50 + 72 + 101
 \end{aligned}$$

2.2.219 Number 318

$$\begin{aligned}
 318 &:= 1^3 + 3^3 + 10^0 + 17^2 &= 13 + 33 + 100 + 172 \\
 318 &:= 1^3 + 6^3 + 10^2 + 14^0 &= 13 + 63 + 102 + 140 \\
 318 &:= 2^0 + 3^4 + 6^3 + 20^1 &= 20 + 34 + 63 + 201 \\
 318 &:= 3^5 + 8^2 + 10^0 + 10^1 &= 35 + 82 + 100 + 101 \\
 318 &:= 4^4 + 5^2 + 6^2 + 16^0 &= 44 + 52 + 62 + 160 \\
 318 &:= 1^0 + 2^0 + 3^4 + 6^3 + 19^1 &= 10 + 20 + 34 + 63 + 191 \\
 318 &:= 1^0 + 3^3 + 4^3 + 8^0 + 15^2 &= 10 + 33 + 43 + 80 + 152 \\
 318 &:= 1^0 + 3^5 + 8^2 + 9^1 + 10^0 &= 10 + 35 + 82 + 91 + 100
 \end{aligned}$$

$$\begin{aligned}
 318 &:= 1^0 + 4^3 + 6^2 + 6^3 + 14^0 &= 10 + 43 + 62 + 63 + 140 \\
 318 &:= 1^1 + 1^9 + 3^4 + 6^3 + 19^1 &= 11 + 19 + 34 + 63 + 191 \\
 318 &:= 1^1 + 2^0 + 3^4 + 10^1 + 15^2 &= 11 + 20 + 34 + 101 + 152 \\
 318 &:= 1^1 + 3^3 + 4^0 + 8^2 + 15^2 &= 11 + 33 + 40 + 82 + 152 \\
 318 &:= 1^1 + 4^4 + 7^2 + 8^0 + 11^1 &= 11 + 44 + 72 + 80 + 111 \\
 318 &:= 1^1 + 6^2 + 6^3 + 8^2 + 10^0 &= 11 + 62 + 63 + 82 + 100 \\
 318 &:= 1^2 + 1^8 + 3^4 + 6^3 + 19^1 &= 12 + 18 + 34 + 63 + 191 \\
 318 &:= 1^2 + 1^9 + 3^4 + 10^1 + 15^2 &= 12 + 19 + 34 + 101 + 152
 \end{aligned}$$

$$\begin{aligned} 318 &:= 1^3 + 1^7 + 3^4 + 6^3 + 19^1 = 13 + 17 + 34 + 63 + 191 \\ 318 &:= 1^3 + 1^8 + 3^4 + 10^1 + 15^2 = 13 + 18 + 34 + 101 + 152 \\ 318 &:= 1^3 + 2^0 + 3^1 + 12^2 + 13^2 = 13 + 20 + 31 + 122 + 132 \\ 318 &:= 1^3 + 2^1 + 5^2 + 6^0 + 17^2 = 13 + 21 + 52 + 60 + 172 \\ 318 &:= 1^3 + 2^4 + 2^8 + 5^2 + 20^1 = 13 + 24 + 28 + 52 + 201 \\ 318 &:= 1^3 + 2^5 + 2^7 + 12^2 + 13^1 = 13 + 25 + 27 + 122 + 131 \\ 318 &:= 1^4 + 1^6 + 3^4 + 6^3 + 19^1 = 14 + 16 + 34 + 63 + 191 \\ 318 &:= 1^4 + 1^7 + 3^4 + 10^1 + 15^2 = 14 + 17 + 34 + 101 + 152 \\ 318 &:= 1^4 + 1^9 + 3^1 + 12^2 + 13^2 = 14 + 19 + 31 + 122 + 132 \\ 318 &:= 1^5 + 1^5 + 3^4 + 6^3 + 19^1 = 15 + 15 + 34 + 63 + 191 \\ 318 &:= 1^5 + 1^6 + 3^4 + 10^1 + 15^2 = 15 + 16 + 34 + 101 + 152 \\ 318 &:= 1^5 + 1^8 + 3^1 + 12^2 + 13^2 = 15 + 18 + 31 + 122 + 132 \\ 318 &:= 1^5 + 2^3 + 2^5 + 4^4 + 21^1 = 15 + 23 + 25 + 44 + 211 \\ 318 &:= 1^5 + 2^3 + 2^7 + 12^1 + 13^2 = 15 + 23 + 27 + 121 + 132 \\ 318 &:= 1^5 + 2^6 + 3^2 + 3^5 + 21^0 = 15 + 26 + 32 + 35 + 210 \\ 318 &:= 1^5 + 2^7 + 5^3 + 7^2 + 15^1 = 15 + 27 + 53 + 72 + 151 \\ 318 &:= 1^6 + 1^7 + 3^1 + 12^2 + 13^2 = 16 + 17 + 31 + 122 + 132 \\ 318 &:= 1^6 + 2^5 + 3^2 + 4^4 + 20^1 = 16 + 25 + 32 + 44 + 201 \\ 318 &:= 1^6 + 2^6 + 3^5 + 9^1 + 15^0 = 16 + 26 + 35 + 91 + 150 \\ 318 &:= 1^6 + 2^7 + 3^2 + 11^1 + 13^2 = 16 + 27 + 32 + 111 + 132 \\ 318 &:= 1^6 + 2^7 + 6^2 + 9^1 + 12^2 = 16 + 27 + 62 + 91 + 122 \\ 318 &:= 1^6 + 2^7 + 8^1 + 9^2 + 10^2 = 16 + 27 + 81 + 92 + 102 \\ 318 &:= 1^6 + 3^3 + 3^3 + 3^5 + 20^1 = 16 + 33 + 33 + 35 + 201 \\ 318 &:= 1^7 + 2^3 + 3^5 + 7^2 + 17^1 = 17 + 23 + 35 + 72 + 171 \\ 318 &:= 1^7 + 2^5 + 4^2 + 10^2 + 13^2 = 17 + 25 + 42 + 102 + 132 \\ 318 &:= 1^7 + 2^5 + 5^2 + 8^2 + 14^2 = 17 + 25 + 52 + 82 + 142 \\ 318 &:= 1^7 + 2^6 + 3^3 + 9^0 + 15^2 = 17 + 26 + 33 + 90 + 152 \\ 318 &:= 1^7 + 2^6 + 6^2 + 6^3 + 15^0 = 17 + 26 + 62 + 63 + 150 \\ 318 &:= 1^7 + 2^8 + 7^2 + 9^0 + 11^1 = 17 + 28 + 72 + 90 + 111 \\ 318 &:= 1^7 + 3^4 + 3^4 + 11^1 + 12^2 = 17 + 34 + 34 + 111 + 122 \\ 318 &:= 1^8 + 2^3 + 4^4 + 6^2 + 17^1 = 18 + 23 + 44 + 62 + 171 \\ 318 &:= 1^8 + 3^2 + 3^5 + 4^3 + 19^0 = 18 + 32 + 35 + 43 + 190 \\ 318 &:= 1^8 + 3^2 + 3^5 + 7^2 + 16^1 = 18 + 32 + 35 + 72 + 161 \\ 318 &:= 1^8 + 3^3 + 4^2 + 4^4 + 18^1 = 18 + 33 + 42 + 44 + 181 \\ 318 &:= 1^8 + 3^4 + 5^3 + 10^2 + 11^1 = 18 + 34 + 53 + 102 + 111 \\ 318 &:= 1^8 + 3^4 + 6^2 + 10^2 + 10^2 = 18 + 34 + 62 + 102 + 102 \\ 318 &:= 1^9 + 2^1 + 3^4 + 6^3 + 18^1 = 19 + 21 + 34 + 63 + 181 \\ 318 &:= 1^9 + 2^2 + 2^4 + 8^1 + 17^2 = 19 + 22 + 24 + 81 + 172 \end{aligned}$$

$$\begin{aligned} 318 &:= 1^9 + 2^3 + 6^3 + 9^2 + 12^1 = 19 + 23 + 63 + 92 + 121 \\ 318 &:= 1^9 + 3^1 + 3^4 + 6^3 + 17^1 = 19 + 31 + 34 + 63 + 171 \\ 318 &:= 1^9 + 3^2 + 3^5 + 8^2 + 15^0 = 19 + 32 + 35 + 82 + 150 \\ 318 &:= 1^9 + 3^2 + 4^3 + 10^2 + 12^2 = 19 + 32 + 43 + 102 + 122 \\ 318 &:= 1^9 + 3^2 + 4^4 + 6^2 + 16^1 = 19 + 32 + 44 + 62 + 161 \\ 318 &:= 1^9 + 3^3 + 3^3 + 7^1 + 16^2 = 19 + 33 + 33 + 71 + 162 \\ 318 &:= 1^9 + 3^3 + 4^2 + 7^2 + 15^2 = 19 + 33 + 42 + 72 + 152 \\ 318 &:= 1^9 + 3^4 + 4^1 + 6^3 + 16^1 = 19 + 34 + 41 + 63 + 161 \\ 318 &:= 1^9 + 3^4 + 5^1 + 6^3 + 15^1 = 19 + 34 + 51 + 63 + 151 \\ 318 &:= 1^9 + 3^4 + 6^1 + 6^3 + 14^1 = 19 + 34 + 61 + 63 + 141 \\ 318 &:= 1^9 + 3^4 + 6^3 + 10^1 + 10^1 = 19 + 34 + 63 + 101 + 101 \\ 318 &:= 1^9 + 3^4 + 6^3 + 7^1 + 13^1 = 19 + 34 + 63 + 71 + 131 \\ 318 &:= 1^9 + 3^4 + 6^3 + 8^1 + 12^1 = 19 + 34 + 63 + 81 + 121 \\ 318 &:= 1^9 + 3^4 + 6^3 + 9^1 + 11^1 = 19 + 34 + 63 + 91 + 111 \\ 318 &:= 1^9 + 3^5 + 4^3 + 9^1 + 13^0 = 19 + 35 + 43 + 91 + 130 \\ 318 &:= 1^9 + 5^3 + 8^2 + 8^2 + 8^2 = 19 + 53 + 82 + 82 + 82 \\ 318 &:= 2^0 + 2^1 + 3^3 + 12^2 + 12^2 = 20 + 21 + 33 + 122 + 122 \\ 318 &:= 2^0 + 2^1 + 3^4 + 9^1 + 15^2 = 20 + 21 + 34 + 91 + 152 \\ 318 &:= 2^0 + 2^3 + 3^1 + 9^2 + 15^2 = 20 + 23 + 31 + 92 + 152 \\ 318 &:= 2^0 + 2^3 + 4^1 + 7^2 + 16^2 = 20 + 23 + 41 + 72 + 162 \\ 318 &:= 2^0 + 3^1 + 3^4 + 8^1 + 15^2 = 20 + 31 + 34 + 81 + 152 \\ 318 &:= 2^0 + 3^1 + 4^3 + 9^2 + 13^2 = 20 + 31 + 43 + 92 + 132 \\ 318 &:= 2^0 + 3^2 + 4^2 + 6^2 + 16^2 = 20 + 32 + 42 + 62 + 162 \\ 318 &:= 2^0 + 3^2 + 6^3 + 9^2 + 11^1 = 20 + 32 + 63 + 92 + 111 \\ 318 &:= 2^0 + 3^3 + 4^3 + 7^0 + 15^2 = 20 + 33 + 43 + 70 + 152 \\ 318 &:= 2^0 + 3^4 + 4^1 + 7^1 + 15^2 = 20 + 34 + 41 + 71 + 152 \\ 318 &:= 2^0 + 3^4 + 5^1 + 6^1 + 15^2 = 20 + 34 + 51 + 61 + 152 \\ 318 &:= 2^0 + 3^5 + 8^2 + 9^0 + 9^1 = 20 + 35 + 82 + 90 + 91 \\ 318 &:= 2^0 + 4^2 + 5^3 + 7^1 + 13^2 = 20 + 42 + 53 + 71 + 132 \\ 318 &:= 2^0 + 4^3 + 6^2 + 6^3 + 13^0 = 20 + 43 + 62 + 63 + 130 \\ 318 &:= 2^1 + 4^4 + 7^2 + 8^0 + 10^1 = 21 + 44 + 72 + 80 + 101 \\ 318 &:= 2^2 + 2^2 + 2^5 + 2^8 + 22^1 = 22 + 22 + 25 + 28 + 221 \\ 318 &:= 2^3 + 4^0 + 4^1 + 4^2 + 17^2 = 23 + 40 + 41 + 42 + 172 \\ 318 &:= 2^4 + 2^5 + 2^6 + 10^1 + 14^2 = 24 + 25 + 26 + 101 + 142 \\ 318 &:= 2^4 + 2^5 + 2^8 + 11^0 + 13^1 = 24 + 25 + 28 + 110 + 131 \\ 318 &:= 2^5 + 2^7 + 4^2 + 5^3 + 17^1 = 25 + 27 + 42 + 53 + 171 \\ 318 &:= 2^5 + 2^7 + 4^3 + 9^2 + 13^1 = 25 + 27 + 43 + 92 + 131 \\ 318 &:= 2^6 + 2^6 + 4^3 + 5^3 + 17^0 = 26 + 26 + 43 + 53 + 170 \end{aligned}$$

$$\begin{aligned}
 318 &:= 2^7 + 2^7 + 5^2 + 6^2 + 15^0 = 27 + 27 + 52 + 62 + 150 \\
 318 &:= 2^7 + 3^2 + 3^4 + 3^4 + 19^1 = 27 + 32 + 34 + 34 + 191 \\
 318 &:= 2^7 + 3^3 + 3^4 + 3^4 + 19^0 = 27 + 33 + 34 + 34 + 190 \\
 318 &:= 2^7 + 3^3 + 3^4 + 4^3 + 18^1 = 27 + 33 + 34 + 43 + 181 \\
 318 &:= 3^0 + 3^3 + 4^3 + 6^0 + 15^2 = 30 + 33 + 43 + 60 + 152 \\
 318 &:= 3^0 + 3^5 + 8^0 + 8^2 + 9^1 = 30 + 35 + 80 + 82 + 91 \\
 318 &:= 3^0 + 4^3 + 6^2 + 6^3 + 12^0 = 30 + 43 + 62 + 63 + 120 \\
 318 &:= 3^1 + 4^0 + 4^3 + 5^2 + 15^2 = 31 + 40 + 43 + 52 + 152 \\
 318 &:= 3^1 + 4^4 + 7^2 + 8^0 + 9^1 = 31 + 44 + 72 + 80 + 91 \\
 318 &:= 3^1 + 6^3 + 7^2 + 7^2 + 8^0 = 31 + 63 + 72 + 72 + 80 \\
 318 &:= 3^3 + 4^0 + 4^3 + 5^0 + 15^2 = 33 + 40 + 43 + 50 + 152
 \end{aligned}$$

$$\begin{aligned}
 318 &:= 3^5 + 4^0 + 7^0 + 8^2 + 9^1 = 35 + 40 + 70 + 82 + 91 \\
 318 &:= 3^5 + 5^0 + 6^0 + 8^2 + 9^1 = 35 + 50 + 60 + 82 + 91 \\
 318 &:= 4^0 + 4^3 + 6^2 + 6^3 + 11^0 = 40 + 43 + 62 + 63 + 110 \\
 318 &:= 4^1 + 4^2 + 6^3 + 8^0 + 9^2 = 41 + 42 + 63 + 80 + 92 \\
 318 &:= 4^1 + 4^4 + 7^2 + 8^0 + 8^1 = 41 + 44 + 72 + 80 + 81 \\
 318 &:= 4^3 + 5^0 + 6^2 + 6^3 + 10^0 = 43 + 50 + 62 + 63 + 100 \\
 318 &:= 4^3 + 6^0 + 6^2 + 6^3 + 9^0 = 43 + 60 + 62 + 63 + 90 \\
 318 &:= 4^3 + 6^2 + 6^3 + 7^0 + 8^0 = 43 + 62 + 63 + 70 + 80 \\
 318 &:= 4^4 + 5^1 + 7^1 + 7^2 + 8^0 = 44 + 51 + 71 + 72 + 80 \\
 318 &:= 4^4 + 6^1 + 6^1 + 7^2 + 8^0 = 44 + 61 + 61 + 72 + 80
 \end{aligned}$$

2.2.220 Number 319

$$\begin{aligned}
 319 &:= 1^1 + 3^4 + 6^3 + 21^1 = 11 + 34 + 63 + 211 \\
 319 &:= 1^2 + 3^4 + 12^1 + 15^2 = 12 + 34 + 121 + 152 \\
 319 &:= 1^3 + 7^2 + 10^2 + 13^2 = 13 + 72 + 102 + 132 \\
 319 &:= 1^4 + 5^1 + 12^2 + 13^2 = 14 + 51 + 122 + 132 \\
 319 &:= 1^5 + 5^0 + 11^2 + 14^2 = 15 + 50 + 112 + 142 \\
 319 &:= 2^1 + 3^4 + 6^3 + 20^1 = 21 + 34 + 63 + 201 \\
 319 &:= 2^2 + 2^4 + 10^1 + 17^2 = 22 + 24 + 101 + 172 \\
 319 &:= 2^3 + 6^3 + 9^2 + 14^1 = 23 + 63 + 92 + 141 \\
 319 &:= 3^1 + 3^4 + 6^3 + 19^1 = 31 + 34 + 63 + 191 \\
 319 &:= 3^2 + 4^4 + 6^2 + 18^1 = 32 + 44 + 62 + 181 \\
 319 &:= 3^3 + 3^3 + 9^1 + 16^2 = 33 + 33 + 91 + 162 \\
 319 &:= 3^4 + 4^1 + 6^3 + 18^1 = 34 + 41 + 63 + 181 \\
 319 &:= 3^4 + 5^1 + 6^3 + 17^1 = 34 + 51 + 63 + 171 \\
 319 &:= 3^4 + 6^1 + 6^3 + 16^1 = 34 + 61 + 63 + 161 \\
 319 &:= 3^4 + 6^3 + 10^1 + 12^1 = 34 + 63 + 101 + 121 \\
 319 &:= 3^4 + 6^3 + 11^1 + 11^1 = 34 + 63 + 111 + 111 \\
 319 &:= 3^4 + 6^3 + 7^1 + 15^1 = 34 + 63 + 71 + 151 \\
 319 &:= 3^4 + 6^3 + 8^1 + 14^1 = 34 + 63 + 81 + 141 \\
 319 &:= 3^4 + 6^3 + 9^1 + 13^1 = 34 + 63 + 91 + 131 \\
 319 &:= 3^5 + 4^3 + 11^1 + 13^0 = 35 + 43 + 111 + 130 \\
 319 &:= 1^0 + 1^1 + 3^4 + 6^3 + 20^1 = 10 + 11 + 34 + 63 + 201 \\
 319 &:= 1^0 + 1^2 + 3^4 + 11^1 + 15^2 = 10 + 12 + 34 + 111 + 152 \\
 319 &:= 1^0 + 1^4 + 3^3 + 9^0 + 17^2 = 10 + 14 + 33 + 90 + 172 \\
 319 &:= 1^0 + 1^4 + 4^1 + 12^2 + 13^2 = 10 + 14 + 41 + 122 + 132
 \end{aligned}$$

$$\begin{aligned}
 319 &:= 1^0 + 1^4 + 6^3 + 10^2 + 13^0 = 10 + 14 + 63 + 102 + 130 \\
 319 &:= 1^0 + 2^1 + 3^4 + 6^3 + 19^1 = 10 + 21 + 34 + 63 + 191 \\
 319 &:= 1^0 + 2^2 + 2^4 + 9^1 + 17^2 = 10 + 22 + 24 + 91 + 172 \\
 319 &:= 1^0 + 2^3 + 6^2 + 7^2 + 15^2 = 10 + 23 + 62 + 72 + 152 \\
 319 &:= 1^0 + 2^3 + 6^3 + 9^2 + 13^1 = 10 + 23 + 63 + 92 + 131 \\
 319 &:= 1^0 + 3^1 + 3^4 + 6^3 + 18^1 = 10 + 31 + 34 + 63 + 181 \\
 319 &:= 1^0 + 3^2 + 4^4 + 6^2 + 17^1 = 10 + 32 + 44 + 62 + 171 \\
 319 &:= 1^0 + 3^3 + 3^3 + 8^1 + 16^2 = 10 + 33 + 33 + 81 + 162 \\
 319 &:= 1^0 + 3^4 + 4^1 + 6^3 + 17^1 = 10 + 34 + 41 + 63 + 171 \\
 319 &:= 1^0 + 3^4 + 5^1 + 6^3 + 16^1 = 10 + 34 + 51 + 63 + 161 \\
 319 &:= 1^0 + 3^4 + 6^1 + 6^3 + 15^1 = 10 + 34 + 61 + 63 + 151 \\
 319 &:= 1^0 + 3^4 + 6^3 + 10^1 + 11^1 = 10 + 34 + 63 + 101 + 111 \\
 319 &:= 1^0 + 3^4 + 6^3 + 7^1 + 14^1 = 10 + 34 + 63 + 71 + 141 \\
 319 &:= 1^0 + 3^4 + 6^3 + 8^1 + 13^1 = 10 + 34 + 63 + 81 + 131 \\
 319 &:= 1^0 + 3^4 + 6^3 + 9^1 + 12^1 = 10 + 34 + 63 + 91 + 121 \\
 319 &:= 1^0 + 3^5 + 4^3 + 10^1 + 13^0 = 10 + 35 + 43 + 101 + 130 \\
 319 &:= 1^0 + 3^5 + 5^2 + 7^2 + 15^0 = 10 + 35 + 52 + 72 + 150 \\
 319 &:= 1^0 + 4^3 + 6^2 + 7^2 + 13^2 = 10 + 43 + 62 + 72 + 132 \\
 319 &:= 1^1 + 1^1 + 3^4 + 11^1 + 15^2 = 11 + 11 + 34 + 111 + 152 \\
 319 &:= 1^1 + 1^3 + 3^3 + 9^0 + 17^2 = 11 + 13 + 33 + 90 + 172 \\
 319 &:= 1^1 + 1^3 + 4^1 + 12^2 + 13^2 = 11 + 13 + 41 + 122 + 132 \\
 319 &:= 1^1 + 1^3 + 6^3 + 10^2 + 13^0 = 11 + 13 + 63 + 102 + 130 \\
 319 &:= 1^1 + 2^1 + 3^4 + 10^1 + 15^2 = 11 + 21 + 34 + 101 + 152 \\
 319 &:= 1^1 + 2^2 + 5^2 + 8^2 + 15^2 = 11 + 22 + 52 + 82 + 152
 \end{aligned}$$

$$\begin{aligned} 319 &:= 1^1 + 2^3 + 4^1 + 9^2 + 15^2 = 11 + 23 + 41 + 92 + 152 \\ 319 &:= 1^1 + 2^3 + 5^1 + 7^2 + 16^2 = 11 + 23 + 51 + 72 + 162 \\ 319 &:= 1^1 + 3^1 + 3^3 + 12^2 + 12^2 = 11 + 31 + 33 + 122 + 122 \\ 319 &:= 1^1 + 3^1 + 3^4 + 9^1 + 15^2 = 11 + 31 + 34 + 91 + 152 \\ 319 &:= 1^1 + 3^2 + 6^3 + 9^2 + 12^1 = 11 + 32 + 63 + 92 + 121 \\ 319 &:= 1^1 + 3^4 + 4^1 + 8^1 + 15^2 = 11 + 34 + 41 + 81 + 152 \\ 319 &:= 1^1 + 3^4 + 5^1 + 7^1 + 15^2 = 11 + 34 + 51 + 71 + 152 \\ 319 &:= 1^1 + 3^4 + 6^1 + 6^1 + 15^2 = 11 + 34 + 61 + 61 + 152 \\ 319 &:= 1^1 + 3^5 + 8^2 + 9^0 + 10^1 = 11 + 35 + 82 + 90 + 101 \\ 319 &:= 1^1 + 4^1 + 4^3 + 9^2 + 13^2 = 11 + 41 + 43 + 92 + 132 \\ 319 &:= 1^1 + 4^2 + 5^3 + 8^1 + 13^2 = 11 + 42 + 53 + 81 + 132 \\ 319 &:= 1^1 + 4^4 + 5^2 + 6^2 + 15^0 = 11 + 44 + 52 + 62 + 150 \\ 319 &:= 1^2 + 1^2 + 3^3 + 9^0 + 17^2 = 12 + 12 + 33 + 90 + 172 \\ 319 &:= 1^2 + 1^2 + 4^1 + 12^2 + 13^2 = 12 + 12 + 41 + 122 + 132 \\ 319 &:= 1^2 + 1^2 + 6^3 + 10^2 + 13^0 = 12 + 12 + 63 + 102 + 130 \\ 319 &:= 1^2 + 3^0 + 3^3 + 11^2 + 13^2 = 12 + 30 + 33 + 112 + 132 \\ 319 &:= 1^2 + 3^1 + 3^2 + 9^2 + 15^2 = 12 + 31 + 32 + 92 + 152 \\ 319 &:= 1^2 + 3^2 + 4^1 + 7^2 + 16^2 = 12 + 32 + 41 + 72 + 162 \\ 319 &:= 1^2 + 4^4 + 7^0 + 7^2 + 12^1 = 12 + 44 + 70 + 72 + 121 \\ 319 &:= 1^3 + 2^1 + 3^1 + 12^2 + 13^2 = 13 + 21 + 31 + 122 + 132 \\ 319 &:= 1^3 + 2^2 + 3^0 + 12^2 + 13^2 = 13 + 22 + 30 + 122 + 132 \\ 319 &:= 1^3 + 2^6 + 2^7 + 5^3 + 20^0 = 13 + 26 + 27 + 53 + 200 \\ 319 &:= 1^3 + 3^0 + 5^2 + 6^2 + 16^2 = 13 + 30 + 52 + 62 + 162 \\ 319 &:= 1^4 + 2^0 + 3^3 + 8^0 + 17^2 = 14 + 20 + 33 + 80 + 172 \\ 319 &:= 1^4 + 2^0 + 6^3 + 10^2 + 12^0 = 14 + 20 + 63 + 102 + 120 \\ 319 &:= 1^4 + 3^0 + 3^3 + 7^0 + 17^2 = 14 + 30 + 33 + 70 + 172 \\ 319 &:= 1^4 + 3^0 + 6^3 + 10^2 + 11^0 = 14 + 30 + 63 + 102 + 110 \\ 319 &:= 1^4 + 3^1 + 5^0 + 5^2 + 17^2 = 14 + 31 + 50 + 52 + 172 \\ 319 &:= 1^4 + 3^3 + 4^0 + 6^0 + 17^2 = 14 + 33 + 40 + 60 + 172 \\ 319 &:= 1^4 + 3^3 + 5^0 + 5^0 + 17^2 = 14 + 33 + 50 + 50 + 172 \\ 319 &:= 1^4 + 4^0 + 6^3 + 10^0 + 10^2 = 14 + 40 + 63 + 100 + 102 \\ 319 &:= 1^4 + 5^0 + 6^3 + 9^0 + 10^2 = 14 + 50 + 63 + 90 + 102 \\ 319 &:= 1^4 + 6^0 + 6^3 + 8^0 + 10^2 = 14 + 60 + 63 + 80 + 102 \\ 319 &:= 1^4 + 6^3 + 7^0 + 7^0 + 10^2 = 14 + 63 + 70 + 70 + 102 \\ 319 &:= 1^5 + 1^9 + 3^3 + 8^0 + 17^2 = 15 + 19 + 33 + 80 + 172 \\ 319 &:= 1^5 + 1^9 + 6^3 + 10^2 + 12^0 = 15 + 19 + 63 + 102 + 120 \\ 319 &:= 1^6 + 1^8 + 3^3 + 8^0 + 17^2 = 16 + 18 + 33 + 80 + 172 \\ 319 &:= 1^6 + 1^8 + 6^3 + 10^2 + 12^0 = 16 + 18 + 63 + 102 + 120 \end{aligned}$$

$$\begin{aligned} 319 &:= 1^6 + 2^7 + 4^3 + 5^3 + 18^0 = 16 + 27 + 43 + 53 + 180 \\ 319 &:= 1^7 + 1^7 + 3^3 + 8^0 + 17^2 = 17 + 17 + 33 + 80 + 172 \\ 319 &:= 1^7 + 1^7 + 6^3 + 10^2 + 12^0 = 17 + 17 + 63 + 102 + 120 \\ 319 &:= 1^7 + 2^6 + 3^5 + 10^1 + 14^0 = 17 + 26 + 35 + 101 + 140 \\ 319 &:= 1^7 + 2^7 + 5^3 + 8^2 + 14^0 = 17 + 27 + 53 + 82 + 140 \\ 319 &:= 1^7 + 2^8 + 5^2 + 6^2 + 16^0 = 17 + 28 + 52 + 62 + 160 \\ 319 &:= 1^8 + 2^8 + 7^2 + 8^0 + 12^1 = 18 + 28 + 72 + 80 + 121 \\ 319 &:= 2^0 + 3^5 + 4^3 + 10^1 + 12^0 = 20 + 35 + 43 + 101 + 120 \\ 319 &:= 2^0 + 3^5 + 5^2 + 7^2 + 14^0 = 20 + 35 + 52 + 72 + 140 \\ 319 &:= 2^1 + 2^1 + 3^3 + 12^2 + 12^2 = 21 + 21 + 33 + 122 + 122 \\ 319 &:= 2^1 + 2^1 + 3^4 + 9^1 + 15^2 = 21 + 21 + 34 + 91 + 152 \\ 319 &:= 2^1 + 2^3 + 3^1 + 9^2 + 15^2 = 21 + 23 + 31 + 92 + 152 \\ 319 &:= 2^1 + 2^3 + 4^1 + 7^2 + 16^2 = 21 + 23 + 41 + 72 + 162 \\ 319 &:= 2^1 + 3^1 + 3^4 + 8^1 + 15^2 = 21 + 31 + 34 + 81 + 152 \\ 319 &:= 2^1 + 3^1 + 4^3 + 9^2 + 13^2 = 21 + 31 + 43 + 92 + 132 \\ 319 &:= 2^1 + 3^2 + 4^2 + 6^2 + 16^2 = 21 + 32 + 42 + 62 + 162 \\ 319 &:= 2^1 + 3^2 + 6^3 + 9^2 + 11^1 = 21 + 32 + 63 + 92 + 111 \\ 319 &:= 2^1 + 3^3 + 4^3 + 7^0 + 15^2 = 21 + 33 + 43 + 70 + 152 \\ 319 &:= 2^1 + 3^4 + 4^1 + 7^1 + 15^2 = 21 + 34 + 41 + 71 + 152 \\ 319 &:= 2^1 + 3^4 + 5^1 + 6^1 + 15^2 = 21 + 34 + 51 + 61 + 152 \\ 319 &:= 2^1 + 3^5 + 8^2 + 9^0 + 9^1 = 21 + 35 + 82 + 90 + 91 \\ 319 &:= 2^1 + 4^2 + 5^3 + 7^1 + 13^2 = 21 + 42 + 53 + 71 + 132 \\ 319 &:= 2^1 + 4^3 + 6^2 + 6^3 + 13^0 = 21 + 43 + 62 + 63 + 130 \\ 319 &:= 2^2 + 2^2 + 4^2 + 6^1 + 17^2 = 22 + 22 + 42 + 61 + 172 \\ 319 &:= 2^2 + 2^3 + 3^0 + 9^2 + 15^2 = 22 + 23 + 30 + 92 + 152 \\ 319 &:= 2^2 + 3^0 + 3^4 + 8^1 + 15^2 = 22 + 30 + 34 + 81 + 152 \\ 319 &:= 2^2 + 3^0 + 4^3 + 9^2 + 13^2 = 22 + 30 + 43 + 92 + 132 \\ 319 &:= 2^2 + 4^3 + 5^0 + 5^2 + 15^2 = 22 + 43 + 50 + 52 + 152 \\ 319 &:= 2^2 + 4^4 + 7^2 + 9^0 + 9^1 = 22 + 44 + 72 + 90 + 91 \\ 319 &:= 2^2 + 6^3 + 7^2 + 7^2 + 9^0 = 22 + 63 + 72 + 72 + 90 \\ 319 &:= 2^3 + 3^1 + 3^1 + 7^2 + 16^2 = 23 + 31 + 31 + 72 + 162 \\ 319 &:= 2^4 + 3^2 + 4^1 + 5^0 + 17^2 = 24 + 32 + 41 + 50 + 172 \\ 319 &:= 3^0 + 3^2 + 4^3 + 7^2 + 14^2 = 30 + 32 + 43 + 72 + 142 \\ 319 &:= 3^0 + 3^3 + 6^3 + 8^2 + 11^1 = 30 + 33 + 63 + 82 + 111 \\ 319 &:= 3^0 + 3^4 + 4^1 + 8^2 + 13^2 = 30 + 34 + 41 + 82 + 132 \\ 319 &:= 3^0 + 3^4 + 5^1 + 6^2 + 14^2 = 30 + 34 + 51 + 62 + 142 \\ 319 &:= 3^0 + 3^5 + 4^3 + 10^1 + 11^0 = 30 + 35 + 43 + 101 + 110 \\ 319 &:= 3^0 + 3^5 + 5^2 + 7^2 + 13^0 = 30 + 35 + 52 + 72 + 130 \end{aligned}$$

$$\begin{aligned}
 319 &:= 3^0 + 4^3 + 5^2 + 6^3 + 13^1 = 30 + 43 + 52 + 63 + 131 \\
 319 &:= 3^0 + 4^3 + 5^3 + 8^1 + 11^2 = 30 + 43 + 53 + 81 + 112 \\
 319 &:= 3^0 + 5^3 + 6^2 + 6^2 + 11^2 = 30 + 53 + 62 + 62 + 112 \\
 319 &:= 3^1 + 3^1 + 3^4 + 7^1 + 15^2 = 31 + 31 + 34 + 71 + 152 \\
 319 &:= 3^1 + 3^2 + 3^4 + 7^0 + 15^2 = 31 + 32 + 34 + 70 + 152 \\
 319 &:= 3^1 + 3^2 + 6^3 + 9^2 + 10^1 = 31 + 32 + 63 + 92 + 101 \\
 319 &:= 3^1 + 3^4 + 4^1 + 6^1 + 15^2 = 31 + 34 + 41 + 61 + 152 \\
 319 &:= 3^1 + 3^4 + 5^1 + 5^1 + 15^2 = 31 + 34 + 51 + 51 + 152 \\
 319 &:= 3^1 + 3^5 + 8^1 + 8^2 + 9^0 = 31 + 35 + 81 + 82 + 90 \\
 319 &:= 3^1 + 4^2 + 5^3 + 6^1 + 13^2 = 31 + 42 + 53 + 61 + 132 \\
 319 &:= 3^2 + 4^1 + 4^4 + 7^2 + 13^0 = 32 + 41 + 44 + 72 + 130 \\
 319 &:= 3^2 + 4^1 + 6^3 + 9^1 + 9^2 = 32 + 41 + 63 + 91 + 92 \\
 319 &:= 3^2 + 5^1 + 6^3 + 8^1 + 9^2 = 32 + 51 + 63 + 81 + 92 \\
 319 &:= 3^2 + 6^1 + 6^3 + 7^1 + 9^2 = 32 + 61 + 63 + 71 + 92 \\
 319 &:= 3^4 + 4^1 + 4^1 + 5^1 + 15^2 = 34 + 41 + 41 + 51 + 152 \\
 319 &:= 3^5 + 4^0 + 4^3 + 10^0 + 10^1 = 35 + 40 + 43 + 100 + 101
 \end{aligned}$$

$$\begin{aligned}
 319 &:= 3^5 + 4^0 + 5^2 + 7^2 + 12^0 = 35 + 40 + 52 + 72 + 120 \\
 319 &:= 3^5 + 4^1 + 7^1 + 8^2 + 9^0 = 35 + 41 + 71 + 82 + 90 \\
 319 &:= 3^5 + 4^3 + 5^0 + 9^0 + 10^1 = 35 + 43 + 50 + 90 + 101 \\
 319 &:= 3^5 + 4^3 + 6^0 + 8^0 + 10^1 = 35 + 43 + 60 + 80 + 101 \\
 319 &:= 3^5 + 4^3 + 7^0 + 7^0 + 10^1 = 35 + 43 + 70 + 70 + 101 \\
 319 &:= 3^5 + 5^0 + 5^2 + 7^2 + 11^0 = 35 + 50 + 52 + 72 + 110 \\
 319 &:= 3^5 + 5^1 + 6^1 + 8^2 + 9^0 = 35 + 51 + 61 + 82 + 90 \\
 319 &:= 3^5 + 5^2 + 6^0 + 7^2 + 10^0 = 35 + 52 + 60 + 72 + 100 \\
 319 &:= 3^5 + 5^2 + 7^0 + 7^2 + 9^0 = 35 + 52 + 70 + 72 + 90 \\
 319 &:= 3^5 + 5^2 + 7^2 + 8^0 + 8^0 = 35 + 52 + 72 + 80 + 80 \\
 319 &:= 4^1 + 4^2 + 5^1 + 5^3 + 13^2 = 41 + 42 + 51 + 53 + 132 \\
 319 &:= 4^1 + 5^3 + 5^3 + 8^2 + 9^0 = 41 + 53 + 53 + 82 + 90 \\
 319 &:= 4^2 + 4^4 + 6^2 + 7^0 + 10^1 = 42 + 44 + 62 + 70 + 101 \\
 319 &:= 4^4 + 5^0 + 5^2 + 5^2 + 12^1 = 44 + 50 + 52 + 52 + 121
 \end{aligned}$$

2.2.221 Number 320

$$\begin{aligned}
 320 &:= 3^3 + 3^5 + 7^2 + 18^0 = 33 + 35 + 72 + 180 \\
 320 &:= 1^0 + 1^6 + 4^0 + 11^2 + 14^2 = 10 + 16 + 40 + 112 + 142 \\
 320 &:= 1^1 + 1^5 + 4^0 + 11^2 + 14^2 = 11 + 15 + 40 + 112 + 142 \\
 320 &:= 1^1 + 3^5 + 4^3 + 11^1 + 12^0 = 11 + 35 + 43 + 111 + 120 \\
 320 &:= 1^2 + 1^4 + 4^0 + 11^2 + 14^2 = 12 + 14 + 40 + 112 + 142 \\
 320 &:= 1^2 + 3^5 + 8^0 + 8^2 + 11^1 = 12 + 35 + 80 + 82 + 111 \\
 320 &:= 1^3 + 1^3 + 4^0 + 11^2 + 14^2 = 13 + 13 + 40 + 112 + 142 \\
 320 &:= 1^3 + 2^3 + 2^5 + 2^8 + 23^1 = 13 + 23 + 25 + 28 + 231 \\
 320 &:= 1^3 + 4^4 + 6^0 + 7^2 + 13^1 = 13 + 44 + 60 + 72 + 131 \\
 320 &:= 1^3 + 5^3 + 6^0 + 7^2 + 12^2 = 13 + 53 + 60 + 72 + 122 \\
 320 &:= 1^4 + 2^1 + 3^3 + 8^0 + 17^2 = 14 + 21 + 33 + 80 + 172 \\
 320 &:= 1^4 + 2^1 + 6^3 + 10^2 + 12^0 = 14 + 21 + 63 + 102 + 120 \\
 320 &:= 1^4 + 2^2 + 5^2 + 6^0 + 17^2 = 14 + 22 + 52 + 60 + 172 \\
 320 &:= 1^4 + 2^5 + 2^8 + 3^2 + 22^1 = 14 + 25 + 28 + 32 + 221 \\
 320 &:= 1^5 + 4^0 + 4^1 + 5^2 + 17^2 = 15 + 40 + 41 + 52 + 172 \\
 320 &:= 1^6 + 2^0 + 3^0 + 11^2 + 14^2 = 16 + 20 + 30 + 112 + 142 \\
 320 &:= 1^6 + 2^3 + 2^8 + 6^2 + 19^1 = 16 + 23 + 28 + 62 + 191 \\
 320 &:= 1^6 + 2^8 + 3^3 + 4^2 + 20^1 = 16 + 28 + 33 + 42 + 201 \\
 320 &:= 1^7 + 1^9 + 3^0 + 11^2 + 14^2 = 17 + 19 + 30 + 112 + 142 \\
 320 &:= 1^7 + 2^5 + 3^5 + 5^2 + 19^1 = 17 + 25 + 35 + 52 + 191
 \end{aligned}$$

$$\begin{aligned}
 320 &:= 1^7 + 2^8 + 3^2 + 6^2 + 18^1 = 17 + 28 + 32 + 62 + 181 \\
 320 &:= 1^8 + 1^8 + 3^0 + 11^2 + 14^2 = 18 + 18 + 30 + 112 + 142 \\
 320 &:= 1^8 + 2^4 + 3^3 + 4^4 + 20^1 = 18 + 24 + 33 + 44 + 201 \\
 320 &:= 1^8 + 2^5 + 3^4 + 10^1 + 14^2 = 18 + 25 + 34 + 101 + 142 \\
 320 &:= 1^8 + 2^6 + 3^5 + 11^1 + 13^0 = 18 + 26 + 35 + 111 + 130 \\
 320 &:= 1^9 + 2^6 + 5^1 + 9^2 + 13^2 = 19 + 26 + 51 + 92 + 132 \\
 320 &:= 1^9 + 2^8 + 7^0 + 7^2 + 13^1 = 19 + 28 + 70 + 72 + 131 \\
 320 &:= 2^0 + 2^2 + 3^4 + 6^3 + 18^1 = 20 + 22 + 34 + 63 + 181 \\
 320 &:= 2^0 + 2^4 + 5^3 + 9^1 + 13^2 = 20 + 24 + 53 + 91 + 132 \\
 320 &:= 2^0 + 2^5 + 5^2 + 6^1 + 16^2 = 20 + 25 + 52 + 61 + 162 \\
 320 &:= 2^0 + 3^3 + 3^3 + 11^2 + 12^2 = 20 + 33 + 33 + 112 + 122 \\
 320 &:= 2^0 + 3^4 + 6^2 + 9^2 + 11^2 = 20 + 34 + 62 + 92 + 112 \\
 320 &:= 2^0 + 3^5 + 5^2 + 6^2 + 15^1 = 20 + 35 + 52 + 62 + 151 \\
 320 &:= 2^1 + 3^5 + 4^3 + 10^1 + 12^0 = 21 + 35 + 43 + 101 + 120 \\
 320 &:= 2^1 + 3^5 + 5^2 + 7^2 + 14^0 = 21 + 35 + 52 + 72 + 140 \\
 320 &:= 2^2 + 3^2 + 3^4 + 8^0 + 15^2 = 22 + 32 + 34 + 80 + 152 \\
 320 &:= 2^2 + 3^5 + 8^1 + 8^2 + 10^0 = 22 + 35 + 81 + 82 + 100 \\
 320 &:= 2^3 + 2^4 + 4^0 + 6^1 + 17^2 = 23 + 24 + 40 + 61 + 172 \\
 320 &:= 2^3 + 3^4 + 5^1 + 6^0 + 15^2 = 23 + 34 + 51 + 60 + 152 \\
 320 &:= 2^3 + 4^4 + 6^1 + 7^2 + 12^0 = 23 + 44 + 61 + 72 + 120
 \end{aligned}$$

$$\begin{aligned}
 320 &:= 2^4 + 2^5 + 2^7 + 5^3 + 19^1 = 24 + 25 + 27 + 53 + 191 \\
 320 &:= 2^4 + 6^1 + 6^3 + 8^0 + 9^2 = 24 + 61 + 63 + 80 + 92 \\
 320 &:= 3^1 + 3^2 + 3^5 + 8^2 + 14^0 = 31 + 32 + 35 + 82 + 140 \\
 320 &:= 3^1 + 3^5 + 4^3 + 9^1 + 12^0 = 31 + 35 + 43 + 91 + 120 \\
 320 &:= 3^2 + 3^3 + 3^3 + 6^0 + 16^2 = 32 + 33 + 33 + 60 + 162 \\
 320 &:= 3^2 + 3^4 + 6^0 + 6^3 + 13^1 = 32 + 34 + 60 + 63 + 131 \\
 320 &:= 3^2 + 4^3 + 5^3 + 8^0 + 11^2 = 32 + 43 + 53 + 80 + 112 \\
 320 &:= 3^3 + 4^3 + 6^0 + 6^3 + 12^1 = 33 + 43 + 60 + 63 + 121 \\
 320 &:= 3^3 + 4^4 + 5^2 + 8^0 + 11^1 = 33 + 44 + 52 + 80 + 111 \\
 320 &:= 3^4 + 4^2 + 6^1 + 6^3 + 12^0 = 34 + 42 + 61 + 63 + 120
 \end{aligned}$$

$$\begin{aligned}
 320 &:= 3^4 + 4^3 + 5^1 + 6^0 + 13^2 = 34 + 43 + 51 + 60 + 132 \\
 320 &:= 3^5 + 4^1 + 4^3 + 8^1 + 12^0 = 35 + 41 + 43 + 81 + 120 \\
 320 &:= 3^5 + 4^1 + 6^2 + 6^2 + 12^0 = 35 + 41 + 62 + 62 + 120 \\
 320 &:= 3^5 + 4^2 + 6^0 + 7^2 + 11^1 = 35 + 42 + 60 + 72 + 111 \\
 320 &:= 3^5 + 4^3 + 5^1 + 7^1 + 12^0 = 35 + 43 + 51 + 71 + 120 \\
 320 &:= 3^5 + 4^3 + 6^1 + 6^1 + 12^0 = 35 + 43 + 61 + 61 + 120 \\
 320 &:= 4^3 + 5^1 + 5^3 + 5^3 + 12^0 = 43 + 51 + 53 + 53 + 120 \\
 320 &:= 4^3 + 5^3 + 6^0 + 7^2 + 9^2 = 43 + 53 + 60 + 72 + 92
 \end{aligned}$$

2.2.222 Number 321

$$\begin{aligned}
 321 &:= 2^8 + 4^3 + 25^0 = 28 + 43 + 250 \\
 321 &:= 2^5 + 8^2 + 9^2 + 12^2 = 25 + 82 + 92 + 122 \\
 321 &:= 2^6 + 7^1 + 9^2 + 13^2 = 26 + 71 + 92 + 132 \\
 321 &:= 2^8 + 7^0 + 7^2 + 15^1 = 28 + 70 + 72 + 151 \\
 321 &:= 1^0 + 2^6 + 6^1 + 9^2 + 13^2 = 10 + 26 + 61 + 92 + 132 \\
 321 &:= 1^0 + 2^8 + 7^0 + 7^2 + 14^1 = 10 + 28 + 70 + 72 + 141 \\
 321 &:= 1^1 + 2^2 + 3^4 + 6^3 + 19^1 = 11 + 22 + 34 + 63 + 191 \\
 321 &:= 1^1 + 2^4 + 4^2 + 12^2 + 12^2 = 11 + 24 + 42 + 122 + 122 \\
 321 &:= 1^1 + 2^4 + 5^3 + 10^1 + 13^2 = 11 + 24 + 53 + 101 + 132 \\
 321 &:= 1^1 + 2^5 + 5^2 + 7^1 + 16^2 = 11 + 25 + 52 + 71 + 162 \\
 321 &:= 1^1 + 3^3 + 3^5 + 7^2 + 17^0 = 11 + 33 + 35 + 72 + 170 \\
 321 &:= 1^1 + 3^5 + 5^2 + 6^2 + 16^1 = 11 + 35 + 52 + 62 + 161 \\
 321 &:= 1^2 + 2^2 + 3^4 + 10^1 + 15^2 = 12 + 22 + 34 + 101 + 152 \\
 321 &:= 1^2 + 2^3 + 4^2 + 10^2 + 14^2 = 12 + 23 + 42 + 102 + 142 \\
 321 &:= 1^2 + 3^3 + 4^2 + 9^2 + 14^2 = 12 + 33 + 42 + 92 + 142 \\
 321 &:= 1^2 + 3^3 + 4^4 + 6^2 + 17^0 = 12 + 33 + 44 + 62 + 170 \\
 321 &:= 1^2 + 3^3 + 6^3 + 8^2 + 13^1 = 12 + 33 + 63 + 82 + 131 \\
 321 &:= 1^2 + 3^4 + 6^1 + 8^2 + 13^2 = 12 + 34 + 61 + 82 + 132 \\
 321 &:= 1^2 + 3^4 + 6^2 + 7^1 + 14^2 = 12 + 34 + 62 + 71 + 142 \\
 321 &:= 1^2 + 3^5 + 4^3 + 11^0 + 12^1 = 12 + 35 + 43 + 110 + 121 \\
 321 &:= 1^2 + 4^3 + 5^2 + 6^3 + 15^1 = 12 + 43 + 52 + 63 + 151 \\
 321 &:= 1^2 + 4^3 + 5^3 + 10^1 + 11^2 = 12 + 43 + 53 + 101 + 112 \\
 321 &:= 1^3 + 2^3 + 4^2 + 7^1 + 17^2 = 13 + 23 + 42 + 71 + 172 \\
 321 &:= 1^3 + 3^1 + 3^3 + 11^2 + 13^2 = 13 + 31 + 33 + 112 + 132 \\
 321 &:= 1^3 + 3^3 + 4^1 + 8^2 + 15^2 = 13 + 33 + 41 + 82 + 152 \\
 321 &:= 1^3 + 3^5 + 7^0 + 8^2 + 12^1 = 13 + 35 + 70 + 82 + 121
 \end{aligned}$$

$$\begin{aligned}
 321 &:= 1^3 + 4^3 + 5^2 + 6^1 + 15^2 = 13 + 43 + 52 + 61 + 152 \\
 321 &:= 1^4 + 2^2 + 3^1 + 12^2 + 13^2 = 14 + 22 + 31 + 122 + 132 \\
 321 &:= 1^4 + 3^1 + 5^2 + 6^2 + 16^2 = 14 + 31 + 52 + 62 + 162 \\
 321 &:= 1^4 + 3^2 + 4^2 + 6^1 + 17^2 = 14 + 32 + 42 + 61 + 172 \\
 321 &:= 1^4 + 3^3 + 5^0 + 6^2 + 16^2 = 14 + 33 + 50 + 62 + 162 \\
 321 &:= 1^4 + 4^4 + 5^0 + 7^2 + 14^1 = 14 + 44 + 50 + 72 + 141 \\
 321 &:= 1^4 + 5^2 + 5^3 + 7^0 + 13^2 = 14 + 52 + 53 + 70 + 132 \\
 321 &:= 1^5 + 3^1 + 3^3 + 7^0 + 17^2 = 15 + 31 + 33 + 70 + 172 \\
 321 &:= 1^5 + 3^1 + 6^3 + 10^2 + 11^0 = 15 + 31 + 63 + 102 + 110 \\
 321 &:= 1^6 + 2^1 + 3^0 + 11^2 + 14^2 = 16 + 21 + 30 + 112 + 142 \\
 321 &:= 1^6 + 3^0 + 5^1 + 5^2 + 17^2 = 16 + 30 + 51 + 52 + 172 \\
 321 &:= 1^8 + 2^8 + 3^3 + 6^2 + 18^0 = 18 + 28 + 33 + 62 + 180 \\
 321 &:= 1^9 + 2^6 + 3^5 + 12^0 + 12^1 = 19 + 26 + 35 + 120 + 121 \\
 321 &:= 2^0 + 2^8 + 6^0 + 7^2 + 14^1 = 20 + 28 + 60 + 72 + 141 \\
 321 &:= 2^1 + 2^2 + 3^4 + 6^3 + 18^1 = 21 + 22 + 34 + 63 + 181 \\
 321 &:= 2^1 + 2^4 + 5^3 + 9^1 + 13^2 = 21 + 24 + 53 + 91 + 132 \\
 321 &:= 2^1 + 2^5 + 5^2 + 6^1 + 16^2 = 21 + 25 + 52 + 61 + 162 \\
 321 &:= 2^1 + 3^3 + 3^3 + 11^2 + 12^2 = 21 + 33 + 33 + 112 + 122 \\
 321 &:= 2^1 + 3^4 + 6^2 + 9^2 + 11^2 = 21 + 34 + 62 + 92 + 112 \\
 321 &:= 2^1 + 3^5 + 5^2 + 6^2 + 15^1 = 21 + 35 + 52 + 62 + 151 \\
 321 &:= 2^2 + 2^2 + 2^4 + 8^1 + 17^2 = 22 + 22 + 24 + 81 + 172 \\
 321 &:= 2^2 + 2^3 + 6^3 + 9^2 + 12^1 = 22 + 23 + 63 + 92 + 121 \\
 321 &:= 2^2 + 3^1 + 3^4 + 6^3 + 17^1 = 22 + 31 + 34 + 63 + 171 \\
 321 &:= 2^2 + 3^2 + 3^5 + 8^2 + 15^0 = 22 + 32 + 35 + 82 + 150 \\
 321 &:= 2^2 + 3^2 + 4^3 + 10^2 + 12^2 = 22 + 32 + 43 + 102 + 122 \\
 321 &:= 2^2 + 3^2 + 4^4 + 6^2 + 16^1 = 22 + 32 + 44 + 62 + 161
 \end{aligned}$$

$$\begin{aligned}
 321 &:= 2^2 + 3^3 + 3^3 + 7^1 + 16^2 = 22 + 33 + 33 + 71 + 162 \\
 321 &:= 2^2 + 3^3 + 4^2 + 7^2 + 15^2 = 22 + 33 + 42 + 72 + 152 \\
 321 &:= 2^2 + 3^4 + 4^1 + 6^3 + 16^1 = 22 + 34 + 41 + 63 + 161 \\
 321 &:= 2^2 + 3^4 + 5^1 + 6^3 + 15^1 = 22 + 34 + 51 + 63 + 151 \\
 321 &:= 2^2 + 3^4 + 6^1 + 6^3 + 14^1 = 22 + 34 + 61 + 63 + 141 \\
 321 &:= 2^2 + 3^4 + 6^3 + 10^1 + 10^1 = 22 + 34 + 63 + 101 + 101 \\
 321 &:= 2^2 + 3^4 + 6^3 + 7^1 + 13^1 = 22 + 34 + 63 + 71 + 131 \\
 321 &:= 2^2 + 3^4 + 6^3 + 8^1 + 12^1 = 22 + 34 + 63 + 81 + 121 \\
 321 &:= 2^2 + 3^4 + 6^3 + 9^1 + 11^1 = 22 + 34 + 63 + 91 + 111 \\
 321 &:= 2^2 + 3^5 + 4^3 + 9^1 + 13^0 = 22 + 35 + 43 + 91 + 130 \\
 321 &:= 2^2 + 5^3 + 8^2 + 8^2 + 8^2 = 22 + 53 + 82 + 82 + 82 \\
 321 &:= 2^3 + 2^3 + 3^2 + 7^1 + 17^2 = 23 + 23 + 32 + 71 + 172 \\
 321 &:= 2^3 + 2^4 + 3^0 + 10^2 + 14^2 = 23 + 24 + 30 + 102 + 142 \\
 321 &:= 2^3 + 3^3 + 5^1 + 5^2 + 16^2 = 23 + 33 + 51 + 52 + 162 \\
 321 &:= 2^3 + 3^4 + 5^0 + 6^3 + 15^1 = 23 + 34 + 50 + 63 + 151 \\
 321 &:= 2^3 + 3^5 + 5^1 + 8^2 + 13^0 = 23 + 35 + 51 + 82 + 130 \\
 321 &:= 2^3 + 4^1 + 4^3 + 7^2 + 14^2 = 23 + 41 + 43 + 72 + 142 \\
 321 &:= 2^3 + 4^2 + 4^2 + 5^2 + 16^2 = 23 + 42 + 42 + 52 + 162 \\
 321 &:= 2^4 + 2^4 + 2^5 + 2^8 + 22^0 = 24 + 24 + 25 + 28 + 220 \\
 321 &:= 2^4 + 3^0 + 3^3 + 9^2 + 14^2 = 24 + 30 + 33 + 92 + 142 \\
 321 &:= 2^4 + 3^1 + 5^3 + 8^1 + 13^2 = 24 + 31 + 53 + 81 + 132 \\
 321 &:= 2^4 + 3^2 + 4^1 + 6^2 + 16^2 = 24 + 32 + 41 + 62 + 162 \\
 321 &:= 2^4 + 4^1 + 5^3 + 7^1 + 13^2 = 24 + 41 + 53 + 71 + 132 \\
 321 &:= 2^4 + 4^4 + 6^2 + 7^0 + 12^1 = 24 + 44 + 62 + 70 + 121 \\
 321 &:= 2^4 + 5^1 + 5^3 + 6^1 + 13^2 = 24 + 51 + 53 + 61 + 132 \\
 321 &:= 2^5 + 3^1 + 5^1 + 5^2 + 16^2 = 25 + 31 + 51 + 52 + 162 \\
 321 &:= 2^5 + 3^3 + 5^0 + 5^1 + 16^2 = 25 + 33 + 50 + 51 + 162 \\
 321 &:= 2^5 + 4^1 + 4^1 + 5^2 + 16^2 = 25 + 41 + 41 + 52 + 162
 \end{aligned}$$

$$\begin{aligned}
 321 &:= 2^5 + 4^2 + 4^2 + 5^0 + 16^2 = 25 + 42 + 42 + 50 + 162 \\
 321 &:= 2^5 + 6^3 + 7^0 + 8^1 + 8^2 = 25 + 63 + 70 + 81 + 82 \\
 321 &:= 2^6 + 2^6 + 2^7 + 8^2 + 16^0 = 26 + 26 + 27 + 82 + 160 \\
 321 &:= 2^6 + 3^0 + 5^2 + 6^1 + 15^2 = 26 + 30 + 52 + 61 + 152 \\
 321 &:= 2^8 + 3^0 + 5^0 + 7^2 + 14^1 = 28 + 30 + 50 + 72 + 141 \\
 321 &:= 2^8 + 4^0 + 4^0 + 7^2 + 14^1 = 28 + 40 + 40 + 72 + 141 \\
 321 &:= 3^1 + 3^4 + 4^2 + 10^2 + 11^2 = 31 + 34 + 42 + 102 + 112 \\
 321 &:= 3^1 + 3^5 + 5^2 + 6^2 + 14^1 = 31 + 35 + 52 + 62 + 141 \\
 321 &:= 3^2 + 3^5 + 4^1 + 4^3 + 17^0 = 32 + 35 + 41 + 43 + 170 \\
 321 &:= 3^2 + 4^2 + 4^3 + 6^2 + 14^2 = 32 + 42 + 43 + 62 + 142 \\
 321 &:= 3^2 + 4^2 + 4^4 + 5^2 + 15^1 = 32 + 42 + 44 + 52 + 151 \\
 321 &:= 3^2 + 5^2 + 5^3 + 9^2 + 9^2 = 32 + 52 + 53 + 92 + 92 \\
 321 &:= 3^3 + 3^3 + 4^4 + 10^1 + 11^0 = 33 + 33 + 44 + 101 + 110 \\
 321 &:= 3^3 + 3^4 + 4^2 + 7^0 + 14^2 = 33 + 34 + 42 + 70 + 142 \\
 321 &:= 3^3 + 3^5 + 5^0 + 6^2 + 14^1 = 33 + 35 + 50 + 62 + 141 \\
 321 &:= 3^3 + 5^1 + 5^3 + 8^2 + 10^2 = 33 + 51 + 53 + 82 + 102 \\
 321 &:= 3^5 + 4^1 + 5^2 + 6^2 + 13^1 = 35 + 41 + 52 + 62 + 131 \\
 321 &:= 3^5 + 4^2 + 5^2 + 6^2 + 13^0 = 35 + 42 + 52 + 62 + 130 \\
 321 &:= 3^5 + 5^1 + 5^2 + 6^2 + 12^1 = 35 + 51 + 52 + 62 + 121 \\
 321 &:= 3^5 + 5^2 + 6^1 + 6^2 + 11^1 = 35 + 52 + 61 + 62 + 111 \\
 321 &:= 3^5 + 5^2 + 6^2 + 7^1 + 10^1 = 35 + 52 + 62 + 71 + 101 \\
 321 &:= 3^5 + 5^2 + 6^2 + 8^1 + 9^1 = 35 + 52 + 62 + 81 + 91 \\
 321 &:= 4^2 + 4^2 + 5^3 + 8^2 + 10^2 = 42 + 42 + 53 + 82 + 102 \\
 321 &:= 4^3 + 5^2 + 5^3 + 7^1 + 10^2 = 43 + 52 + 53 + 71 + 102 \\
 321 &:= 5^2 + 5^2 + 5^2 + 5^3 + 11^2 = 52 + 52 + 52 + 53 + 112 \\
 321 &:= 5^2 + 5^3 + 5^3 + 6^2 + 10^1 = 52 + 53 + 53 + 62 + 101
 \end{aligned}$$

2.2.223 Number 322

$$\begin{aligned}
 322 &:= 1^1 + 2^8 + 4^3 + 24^0 = 11 + 28 + 43 + 240 \\
 322 &:= 1^2 + 2^6 + 4^4 + 24^0 = 12 + 26 + 44 + 240 \\
 322 &:= 1^2 + 2^8 + 8^2 + 20^0 = 12 + 28 + 82 + 200 \\
 322 &:= 1^4 + 2^6 + 12^0 + 16^2 = 14 + 26 + 120 + 162 \\
 322 &:= 1^5 + 4^3 + 4^4 + 22^0 = 15 + 43 + 44 + 220 \\
 322 &:= 1^6 + 4^4 + 8^2 + 18^0 = 16 + 44 + 82 + 180 \\
 322 &:= 1^7 + 4^3 + 10^0 + 16^2 = 17 + 43 + 100 + 162 \\
 322 &:= 1^8 + 2^6 + 2^8 + 25^0 = 18 + 26 + 28 + 250
 \end{aligned}$$

$$\begin{aligned}
 322 &:= 1^8 + 6^0 + 8^2 + 16^2 = 18 + 60 + 82 + 162 \\
 322 &:= 2^6 + 3^5 + 12^0 + 14^1 = 26 + 35 + 120 + 141 \\
 322 &:= 2^8 + 4^2 + 7^2 + 18^0 = 28 + 42 + 72 + 180 \\
 322 &:= 1^0 + 2^5 + 2^5 + 10^0 + 16^2 = 10 + 25 + 25 + 100 + 162 \\
 322 &:= 1^0 + 2^6 + 3^5 + 12^0 + 13^1 = 10 + 26 + 35 + 120 + 131 \\
 322 &:= 1^1 + 2^8 + 6^0 + 7^2 + 15^1 = 11 + 28 + 60 + 72 + 151 \\
 322 &:= 1^2 + 2^6 + 2^7 + 2^7 + 23^0 = 12 + 26 + 27 + 27 + 230 \\
 322 &:= 1^3 + 2^5 + 4^0 + 12^2 + 12^2 = 13 + 25 + 40 + 122 + 122
 \end{aligned}$$

$$\begin{aligned}
 322 &:= 1^3 + 3^5 + 4^3 + 10^0 + 13^1 = 13 + 35 + 43 + 100 + 131 \\
 322 &:= 1^4 + 2^5 + 2^5 + 2^8 + 23^0 = 14 + 25 + 25 + 28 + 230 \\
 322 &:= 1^4 + 3^5 + 6^0 + 8^2 + 13^1 = 14 + 35 + 60 + 82 + 131 \\
 322 &:= 1^5 + 2^2 + 3^3 + 8^0 + 17^2 = 15 + 22 + 33 + 80 + 172 \\
 322 &:= 1^5 + 2^2 + 6^3 + 10^2 + 12^0 = 15 + 22 + 63 + 102 + 120 \\
 322 &:= 1^5 + 2^7 + 2^7 + 4^3 + 21^0 = 15 + 27 + 27 + 43 + 210 \\
 322 &:= 1^5 + 4^0 + 4^4 + 7^2 + 15^1 = 15 + 40 + 44 + 72 + 151 \\
 322 &:= 1^6 + 2^4 + 2^8 + 3^3 + 22^1 = 16 + 24 + 28 + 33 + 221 \\
 322 &:= 1^6 + 2^7 + 2^7 + 8^2 + 17^0 = 16 + 27 + 27 + 82 + 170 \\
 322 &:= 1^6 + 3^3 + 4^1 + 6^0 + 17^2 = 16 + 33 + 41 + 60 + 172 \\
 322 &:= 1^6 + 4^1 + 6^3 + 10^0 + 10^2 = 16 + 41 + 63 + 100 + 102 \\
 322 &:= 1^7 + 2^0 + 3^1 + 11^2 + 14^2 = 17 + 20 + 31 + 112 + 142 \\
 322 &:= 1^7 + 2^0 + 5^2 + 6^1 + 17^2 = 17 + 20 + 52 + 61 + 172 \\
 322 &:= 1^8 + 1^9 + 3^1 + 11^2 + 14^2 = 18 + 19 + 31 + 112 + 142 \\
 322 &:= 1^8 + 1^9 + 5^2 + 6^1 + 17^2 = 18 + 19 + 52 + 61 + 172 \\
 322 &:= 1^8 + 2^5 + 2^5 + 4^4 + 21^0 = 18 + 25 + 25 + 44 + 210 \\
 322 &:= 2^0 + 2^5 + 2^5 + 9^0 + 16^2 = 20 + 25 + 25 + 90 + 162 \\
 322 &:= 2^0 + 2^6 + 3^5 + 11^0 + 13^1 = 20 + 26 + 35 + 110 + 131 \\
 322 &:= 2^0 + 2^6 + 5^2 + 6^3 + 16^1 = 20 + 26 + 52 + 63 + 161 \\
 322 &:= 2^0 + 2^6 + 5^3 + 11^1 + 11^2 = 20 + 26 + 53 + 111 + 112 \\
 322 &:= 2^0 + 2^6 + 6^2 + 10^2 + 11^2 = 20 + 26 + 62 + 102 + 112 \\
 322 &:= 2^0 + 2^6 + 7^2 + 8^2 + 12^2 = 20 + 26 + 72 + 82 + 122 \\
 322 &:= 2^0 + 2^7 + 8^1 + 8^2 + 11^2 = 20 + 27 + 81 + 82 + 112 \\
 322 &:= 2^1 + 2^8 + 6^0 + 7^2 + 14^1 = 21 + 28 + 60 + 72 + 141 \\
 322 &:= 2^3 + 2^3 + 2^4 + 8^0 + 17^2 = 23 + 23 + 24 + 80 + 172 \\
 322 &:= 2^3 + 2^3 + 4^4 + 7^2 + 16^0 = 23 + 23 + 44 + 72 + 160 \\
 322 &:= 2^3 + 2^4 + 6^3 + 9^2 + 12^0 = 23 + 24 + 63 + 92 + 120 \\
 322 &:= 2^3 + 2^5 + 5^2 + 6^0 + 16^2 = 23 + 25 + 52 + 60 + 162 \\
 322 &:= 2^3 + 3^4 + 4^2 + 6^3 + 16^0 = 23 + 34 + 42 + 63 + 160 \\
 322 &:= 2^3 + 3^5 + 4^3 + 6^1 + 16^0 = 23 + 35 + 43 + 61 + 160
 \end{aligned}$$

$$\begin{aligned}
 322 &:= 2^4 + 2^4 + 4^0 + 8^2 + 15^2 = 24 + 24 + 40 + 82 + 152 \\
 322 &:= 2^4 + 3^4 + 6^3 + 8^1 + 12^0 = 24 + 34 + 63 + 81 + 120 \\
 322 &:= 2^4 + 3^5 + 6^0 + 7^2 + 13^1 = 24 + 35 + 60 + 72 + 131 \\
 322 &:= 2^4 + 4^3 + 5^2 + 6^3 + 14^0 = 24 + 43 + 52 + 63 + 140 \\
 322 &:= 2^5 + 2^5 + 3^0 + 8^0 + 16^2 = 25 + 25 + 30 + 80 + 162 \\
 322 &:= 2^5 + 2^5 + 4^0 + 7^0 + 16^2 = 25 + 25 + 40 + 70 + 162 \\
 322 &:= 2^5 + 2^5 + 5^0 + 6^0 + 16^2 = 25 + 25 + 50 + 60 + 162 \\
 322 &:= 2^5 + 3^2 + 6^3 + 8^2 + 12^0 = 25 + 32 + 63 + 82 + 120 \\
 322 &:= 2^5 + 4^0 + 4^2 + 4^4 + 17^1 = 25 + 40 + 42 + 44 + 171 \\
 322 &:= 2^5 + 4^0 + 4^3 + 9^2 + 12^2 = 25 + 40 + 43 + 92 + 122 \\
 322 &:= 2^5 + 4^3 + 6^3 + 9^1 + 10^0 = 25 + 43 + 63 + 91 + 100 \\
 322 &:= 2^5 + 4^4 + 5^2 + 8^1 + 12^0 = 25 + 44 + 52 + 81 + 120 \\
 322 &:= 2^5 + 5^3 + 6^0 + 8^2 + 10^2 = 25 + 53 + 60 + 82 + 102 \\
 322 &:= 2^6 + 2^6 + 2^7 + 7^2 + 17^1 = 26 + 26 + 27 + 72 + 171 \\
 322 &:= 2^6 + 3^0 + 3^5 + 10^0 + 13^1 = 26 + 30 + 35 + 100 + 131 \\
 322 &:= 2^6 + 3^3 + 5^1 + 6^0 + 15^2 = 26 + 33 + 51 + 60 + 152 \\
 322 &:= 2^6 + 3^5 + 4^0 + 9^0 + 13^1 = 26 + 35 + 40 + 90 + 131 \\
 322 &:= 2^6 + 3^5 + 5^0 + 8^0 + 13^1 = 26 + 35 + 50 + 80 + 131 \\
 322 &:= 2^6 + 3^5 + 6^0 + 7^0 + 13^1 = 26 + 35 + 60 + 70 + 131 \\
 322 &:= 2^6 + 4^0 + 5^2 + 6^2 + 14^2 = 26 + 40 + 52 + 62 + 142 \\
 322 &:= 2^6 + 4^2 + 4^2 + 6^0 + 15^2 = 26 + 42 + 42 + 60 + 152 \\
 322 &:= 2^6 + 5^1 + 6^2 + 6^3 + 12^0 = 26 + 51 + 62 + 63 + 120 \\
 322 &:= 2^7 + 4^0 + 4^2 + 8^1 + 13^2 = 27 + 40 + 42 + 81 + 132 \\
 322 &:= 2^8 + 3^1 + 6^0 + 7^2 + 13^1 = 28 + 31 + 60 + 72 + 131 \\
 322 &:= 2^8 + 4^1 + 6^0 + 7^2 + 12^1 = 28 + 41 + 60 + 72 + 121 \\
 322 &:= 2^8 + 5^1 + 6^0 + 7^2 + 11^1 = 28 + 51 + 60 + 72 + 111 \\
 322 &:= 2^8 + 6^0 + 6^1 + 7^2 + 10^1 = 28 + 60 + 61 + 72 + 101 \\
 322 &:= 2^8 + 6^0 + 7^1 + 7^2 + 9^1 = 28 + 60 + 71 + 72 + 91 \\
 322 &:= 2^8 + 6^0 + 7^2 + 8^1 + 8^1 = 28 + 60 + 72 + 81 + 81
 \end{aligned}$$

2.2.224 Number 323

$$\begin{aligned}
 323 &:= 1^6 + 2^5 + 11^0 + 17^2 = 16 + 25 + 110 + 172 \\
 323 &:= 1^8 + 5^1 + 11^2 + 14^2 = 18 + 51 + 112 + 142 \\
 323 &:= 1^8 + 5^2 + 8^1 + 17^2 = 18 + 52 + 81 + 172 \\
 323 &:= 1^8 + 5^3 + 11^0 + 14^2 = 18 + 53 + 110 + 142 \\
 323 &:= 1^0 + 1^2 + 2^8 + 4^3 + 23^0 = 10 + 12 + 28 + 43 + 230
 \end{aligned}$$

$$\begin{aligned}
 323 &:= 1^0 + 1^3 + 2^6 + 4^4 + 23^0 = 10 + 13 + 26 + 44 + 230 \\
 323 &:= 1^0 + 1^3 + 2^8 + 8^2 + 19^0 = 10 + 13 + 28 + 82 + 190 \\
 323 &:= 1^0 + 1^5 + 2^6 + 11^0 + 16^2 = 10 + 15 + 26 + 110 + 162 \\
 323 &:= 1^0 + 1^6 + 4^3 + 4^4 + 21^0 = 10 + 16 + 43 + 44 + 210 \\
 323 &:= 1^0 + 1^7 + 4^4 + 8^2 + 17^0 = 10 + 17 + 44 + 82 + 170
 \end{aligned}$$

$$\begin{aligned} 323 &:= 1^0 + 1^7 + 5^2 + 10^2 + 14^2 = 10 + 17 + 52 + 102 + 142 \\ 323 &:= 1^0 + 1^8 + 4^1 + 11^2 + 14^2 = 10 + 18 + 41 + 112 + 142 \\ 323 &:= 1^0 + 1^8 + 4^3 + 9^0 + 16^2 = 10 + 18 + 43 + 90 + 162 \\ 323 &:= 1^0 + 1^8 + 5^2 + 7^1 + 17^2 = 10 + 18 + 52 + 71 + 172 \\ 323 &:= 1^0 + 1^9 + 2^6 + 2^8 + 24^0 = 10 + 19 + 26 + 28 + 240 \\ 323 &:= 1^0 + 1^9 + 5^0 + 8^2 + 16^2 = 10 + 19 + 50 + 82 + 162 \\ 323 &:= 1^0 + 2^5 + 2^6 + 11^0 + 15^2 = 10 + 25 + 26 + 110 + 152 \\ 323 &:= 1^1 + 1^1 + 2^8 + 4^3 + 23^0 = 11 + 11 + 28 + 43 + 230 \\ 323 &:= 1^1 + 1^2 + 2^6 + 4^4 + 23^0 = 11 + 12 + 26 + 44 + 230 \\ 323 &:= 1^1 + 1^2 + 2^8 + 8^2 + 19^0 = 11 + 12 + 28 + 82 + 190 \\ 323 &:= 1^1 + 1^4 + 2^6 + 11^0 + 16^2 = 11 + 14 + 26 + 110 + 162 \\ 323 &:= 1^1 + 1^5 + 4^3 + 4^4 + 21^0 = 11 + 15 + 43 + 44 + 210 \\ 323 &:= 1^1 + 1^6 + 4^4 + 8^2 + 17^0 = 11 + 16 + 44 + 82 + 170 \\ 323 &:= 1^1 + 1^6 + 5^2 + 10^2 + 14^2 = 11 + 16 + 52 + 102 + 142 \\ 323 &:= 1^1 + 1^7 + 4^1 + 11^2 + 14^2 = 11 + 17 + 41 + 112 + 142 \\ 323 &:= 1^1 + 1^7 + 4^3 + 9^0 + 16^2 = 11 + 17 + 43 + 90 + 162 \\ 323 &:= 1^1 + 1^7 + 5^2 + 7^1 + 17^2 = 11 + 17 + 52 + 71 + 172 \\ 323 &:= 1^1 + 1^8 + 2^6 + 2^8 + 24^0 = 11 + 18 + 26 + 28 + 240 \\ 323 &:= 1^1 + 1^8 + 5^0 + 8^2 + 16^2 = 11 + 18 + 50 + 82 + 162 \\ 323 &:= 1^1 + 2^6 + 3^5 + 11^0 + 14^1 = 11 + 26 + 35 + 110 + 141 \\ 323 &:= 1^1 + 2^6 + 5^2 + 6^3 + 17^1 = 11 + 26 + 52 + 63 + 171 \\ 323 &:= 1^1 + 2^6 + 5^3 + 11^2 + 12^1 = 11 + 26 + 53 + 112 + 121 \\ 323 &:= 1^1 + 2^7 + 8^2 + 9^1 + 11^2 = 11 + 27 + 82 + 91 + 112 \\ 323 &:= 1^1 + 2^8 + 4^2 + 7^2 + 17^0 = 11 + 28 + 42 + 72 + 170 \\ 323 &:= 1^2 + 1^3 + 2^6 + 11^0 + 16^2 = 12 + 13 + 26 + 110 + 162 \\ 323 &:= 1^2 + 1^4 + 4^3 + 4^4 + 21^0 = 12 + 14 + 43 + 44 + 210 \\ 323 &:= 1^2 + 1^5 + 4^4 + 8^2 + 17^0 = 12 + 15 + 44 + 82 + 170 \\ 323 &:= 1^2 + 1^5 + 5^2 + 10^2 + 14^2 = 12 + 15 + 52 + 102 + 142 \\ 323 &:= 1^2 + 1^6 + 4^1 + 11^2 + 14^2 = 12 + 16 + 41 + 112 + 142 \\ 323 &:= 1^2 + 1^6 + 4^3 + 9^0 + 16^2 = 12 + 16 + 43 + 90 + 162 \\ 323 &:= 1^2 + 1^6 + 5^2 + 7^1 + 17^2 = 12 + 16 + 52 + 71 + 172 \\ 323 &:= 1^2 + 1^7 + 2^6 + 2^8 + 24^0 = 12 + 17 + 26 + 28 + 240 \\ 323 &:= 1^2 + 1^7 + 5^0 + 8^2 + 16^2 = 12 + 17 + 50 + 82 + 162 \\ 323 &:= 1^2 + 2^0 + 2^8 + 4^3 + 22^0 = 12 + 20 + 28 + 43 + 220 \\ 323 &:= 1^2 + 2^5 + 5^2 + 11^2 + 12^2 = 12 + 25 + 52 + 112 + 122 \\ 323 &:= 1^2 + 2^6 + 5^2 + 8^1 + 15^2 = 12 + 26 + 52 + 81 + 152 \\ 323 &:= 1^2 + 2^7 + 7^2 + 9^0 + 12^2 = 12 + 27 + 72 + 90 + 122 \\ 323 &:= 1^2 + 2^8 + 3^0 + 4^3 + 21^0 = 12 + 28 + 30 + 43 + 210 \end{aligned}$$

$$\begin{aligned} 323 &:= 1^2 + 2^8 + 4^0 + 4^3 + 20^0 = 12 + 28 + 40 + 43 + 200 \\ 323 &:= 1^2 + 2^8 + 4^3 + 10^0 + 14^0 = 12 + 28 + 43 + 100 + 140 \\ 323 &:= 1^2 + 2^8 + 4^3 + 11^0 + 13^0 = 12 + 28 + 43 + 110 + 130 \\ 323 &:= 1^2 + 2^8 + 4^3 + 12^0 + 12^0 = 12 + 28 + 43 + 120 + 120 \\ 323 &:= 1^2 + 2^8 + 4^3 + 5^0 + 19^0 = 12 + 28 + 43 + 50 + 190 \\ 323 &:= 1^2 + 2^8 + 4^3 + 6^0 + 18^0 = 12 + 28 + 43 + 60 + 180 \\ 323 &:= 1^2 + 2^8 + 4^3 + 7^0 + 17^0 = 12 + 28 + 43 + 70 + 170 \\ 323 &:= 1^2 + 2^8 + 4^3 + 8^0 + 16^0 = 12 + 28 + 43 + 80 + 160 \\ 323 &:= 1^2 + 2^8 + 4^3 + 9^0 + 15^0 = 12 + 28 + 43 + 90 + 150 \\ 323 &:= 1^2 + 2^8 + 5^0 + 7^2 + 16^1 = 12 + 28 + 50 + 72 + 161 \\ 323 &:= 1^3 + 1^3 + 4^3 + 4^4 + 21^0 = 13 + 13 + 43 + 44 + 210 \\ 323 &:= 1^3 + 1^4 + 4^4 + 8^2 + 17^0 = 13 + 14 + 44 + 82 + 170 \\ 323 &:= 1^3 + 1^4 + 5^2 + 10^2 + 14^2 = 13 + 14 + 52 + 102 + 142 \\ 323 &:= 1^3 + 1^5 + 4^1 + 11^2 + 14^2 = 13 + 15 + 41 + 112 + 142 \\ 323 &:= 1^3 + 1^5 + 4^3 + 9^0 + 16^2 = 13 + 15 + 43 + 90 + 162 \\ 323 &:= 1^3 + 1^5 + 5^2 + 7^1 + 17^2 = 13 + 15 + 52 + 71 + 172 \\ 323 &:= 1^3 + 1^6 + 2^6 + 2^8 + 24^0 = 13 + 16 + 26 + 28 + 240 \\ 323 &:= 1^3 + 1^6 + 5^0 + 8^2 + 16^2 = 13 + 16 + 50 + 82 + 162 \\ 323 &:= 1^3 + 1^9 + 2^8 + 4^3 + 22^0 = 13 + 19 + 28 + 43 + 220 \\ 323 &:= 1^3 + 2^0 + 2^6 + 4^4 + 22^0 = 13 + 20 + 26 + 44 + 220 \\ 323 &:= 1^3 + 2^0 + 2^8 + 8^2 + 18^0 = 13 + 20 + 28 + 82 + 180 \\ 323 &:= 1^3 + 2^3 + 2^4 + 9^1 + 17^2 = 13 + 23 + 24 + 91 + 172 \\ 323 &:= 1^3 + 2^4 + 2^4 + 9^0 + 17^2 = 13 + 24 + 24 + 90 + 172 \\ 323 &:= 1^3 + 2^4 + 4^2 + 11^2 + 13^2 = 13 + 24 + 42 + 112 + 132 \\ 323 &:= 1^3 + 2^4 + 4^4 + 7^2 + 17^0 = 13 + 24 + 44 + 72 + 170 \\ 323 &:= 1^3 + 2^5 + 4^3 + 9^0 + 15^2 = 13 + 25 + 43 + 90 + 152 \\ 323 &:= 1^3 + 2^6 + 3^0 + 4^4 + 21^0 = 13 + 26 + 30 + 44 + 210 \\ 323 &:= 1^3 + 2^6 + 4^0 + 4^4 + 20^0 = 13 + 26 + 40 + 44 + 200 \\ 323 &:= 1^3 + 2^6 + 4^4 + 10^0 + 14^0 = 13 + 26 + 44 + 100 + 140 \\ 323 &:= 1^3 + 2^6 + 4^4 + 11^0 + 13^0 = 13 + 26 + 44 + 110 + 130 \\ 323 &:= 1^3 + 2^6 + 4^4 + 12^0 + 12^0 = 13 + 26 + 44 + 120 + 120 \\ 323 &:= 1^3 + 2^6 + 4^4 + 5^0 + 19^0 = 13 + 26 + 44 + 50 + 190 \\ 323 &:= 1^3 + 2^6 + 4^4 + 6^0 + 18^0 = 13 + 26 + 44 + 60 + 180 \\ 323 &:= 1^3 + 2^6 + 4^4 + 7^0 + 17^0 = 13 + 26 + 44 + 70 + 170 \\ 323 &:= 1^3 + 2^6 + 4^4 + 8^0 + 16^0 = 13 + 26 + 44 + 80 + 160 \\ 323 &:= 1^3 + 2^6 + 4^4 + 9^0 + 15^0 = 13 + 26 + 44 + 90 + 150 \\ 323 &:= 1^3 + 2^8 + 3^0 + 8^2 + 17^0 = 13 + 28 + 30 + 82 + 170 \\ 323 &:= 1^3 + 2^8 + 4^0 + 8^2 + 16^0 = 13 + 28 + 40 + 82 + 160 \end{aligned}$$

$$\begin{aligned} 323 &:= 1^3 + 2^8 + 5^0 + 8^2 + 15^0 = 13 + 28 + 50 + 82 + 150 \\ 323 &:= 1^3 + 2^8 + 6^0 + 8^2 + 14^0 = 13 + 28 + 60 + 82 + 140 \\ 323 &:= 1^3 + 2^8 + 7^0 + 8^2 + 13^0 = 13 + 28 + 70 + 82 + 130 \\ 323 &:= 1^3 + 2^8 + 8^0 + 8^2 + 12^0 = 13 + 28 + 80 + 82 + 120 \\ 323 &:= 1^3 + 2^8 + 8^2 + 10^0 + 10^0 = 13 + 28 + 82 + 100 + 100 \\ 323 &:= 1^3 + 2^8 + 8^2 + 9^0 + 11^0 = 13 + 28 + 82 + 90 + 110 \\ 323 &:= 1^4 + 1^4 + 4^1 + 11^2 + 14^2 = 14 + 14 + 41 + 112 + 142 \\ 323 &:= 1^4 + 1^4 + 4^3 + 9^0 + 16^2 = 14 + 14 + 43 + 90 + 162 \\ 323 &:= 1^4 + 1^4 + 5^2 + 7^1 + 17^2 = 14 + 14 + 52 + 71 + 172 \\ 323 &:= 1^4 + 1^5 + 2^6 + 2^8 + 24^0 = 14 + 15 + 26 + 28 + 240 \\ 323 &:= 1^4 + 1^5 + 5^0 + 8^2 + 16^2 = 14 + 15 + 50 + 82 + 162 \\ 323 &:= 1^4 + 1^8 + 2^8 + 4^3 + 22^0 = 14 + 18 + 28 + 43 + 220 \\ 323 &:= 1^4 + 1^9 + 2^6 + 4^4 + 22^0 = 14 + 19 + 26 + 44 + 220 \\ 323 &:= 1^4 + 1^9 + 2^8 + 8^2 + 18^0 = 14 + 19 + 28 + 82 + 180 \\ 323 &:= 1^4 + 2^3 + 5^2 + 8^2 + 15^2 = 14 + 23 + 52 + 82 + 152 \\ 323 &:= 1^4 + 2^4 + 3^2 + 8^1 + 17^2 = 14 + 24 + 32 + 81 + 172 \\ 323 &:= 1^4 + 2^5 + 5^0 + 8^2 + 15^2 = 14 + 25 + 50 + 82 + 152 \\ 323 &:= 1^4 + 3^5 + 4^3 + 9^0 + 14^1 = 14 + 35 + 43 + 90 + 141 \\ 323 &:= 1^4 + 4^2 + 4^3 + 11^2 + 11^2 = 14 + 42 + 43 + 112 + 112 \\ 323 &:= 1^4 + 4^3 + 5^2 + 8^2 + 13^2 = 14 + 43 + 52 + 82 + 132 \\ 323 &:= 1^4 + 4^4 + 5^2 + 5^2 + 16^1 = 14 + 44 + 52 + 52 + 161 \\ 323 &:= 1^5 + 1^7 + 2^8 + 4^3 + 22^0 = 15 + 17 + 28 + 43 + 220 \\ 323 &:= 1^5 + 1^8 + 2^6 + 4^4 + 22^0 = 15 + 18 + 26 + 44 + 220 \\ 323 &:= 1^5 + 1^8 + 2^8 + 8^2 + 18^0 = 15 + 18 + 28 + 82 + 180 \\ 323 &:= 1^5 + 2^0 + 2^6 + 10^0 + 16^2 = 15 + 20 + 26 + 100 + 162 \\ 323 &:= 1^5 + 2^4 + 4^2 + 7^0 + 17^2 = 15 + 24 + 42 + 70 + 172 \\ 323 &:= 1^5 + 2^4 + 5^0 + 7^2 + 16^2 = 15 + 24 + 50 + 72 + 162 \\ 323 &:= 1^5 + 2^6 + 3^0 + 9^0 + 16^2 = 15 + 26 + 30 + 90 + 162 \\ 323 &:= 1^5 + 2^6 + 4^0 + 8^0 + 16^2 = 15 + 26 + 40 + 80 + 162 \\ 323 &:= 1^5 + 2^6 + 5^0 + 7^0 + 16^2 = 15 + 26 + 50 + 70 + 162 \\ 323 &:= 1^5 + 2^6 + 6^0 + 6^0 + 16^2 = 15 + 26 + 60 + 60 + 162 \\ 323 &:= 1^5 + 3^3 + 5^3 + 9^0 + 13^2 = 15 + 33 + 53 + 90 + 132 \\ 323 &:= 1^5 + 3^5 + 5^0 + 8^2 + 14^1 = 15 + 35 + 50 + 82 + 141 \\ 323 &:= 1^5 + 4^2 + 4^4 + 7^2 + 15^0 = 15 + 42 + 44 + 72 + 150 \\ 323 &:= 1^5 + 4^2 + 5^2 + 5^2 + 16^2 = 15 + 42 + 52 + 52 + 162 \\ 323 &:= 1^6 + 1^6 + 2^8 + 4^3 + 22^0 = 16 + 16 + 28 + 43 + 220 \\ 323 &:= 1^6 + 1^7 + 2^6 + 4^4 + 22^0 = 16 + 17 + 26 + 44 + 220 \\ 323 &:= 1^6 + 1^7 + 2^8 + 8^2 + 18^0 = 16 + 17 + 28 + 82 + 180 \end{aligned}$$

$$\begin{aligned} 323 &:= 1^6 + 1^9 + 2^6 + 10^0 + 16^2 = 16 + 19 + 26 + 100 + 162 \\ 323 &:= 1^6 + 2^0 + 4^3 + 4^4 + 20^0 = 16 + 20 + 43 + 44 + 200 \\ 323 &:= 1^6 + 2^3 + 3^0 + 12^2 + 13^2 = 16 + 23 + 30 + 122 + 132 \\ 323 &:= 1^6 + 3^0 + 4^3 + 4^4 + 19^0 = 16 + 30 + 43 + 44 + 190 \\ 323 &:= 1^6 + 3^0 + 4^4 + 7^2 + 16^1 = 16 + 30 + 44 + 72 + 161 \\ 323 &:= 1^6 + 4^0 + 4^3 + 4^4 + 18^0 = 16 + 40 + 43 + 44 + 180 \\ 323 &:= 1^6 + 4^3 + 4^4 + 10^0 + 12^0 = 16 + 43 + 44 + 100 + 120 \\ 323 &:= 1^6 + 4^3 + 4^4 + 11^0 + 11^0 = 16 + 43 + 44 + 110 + 110 \\ 323 &:= 1^6 + 4^3 + 4^4 + 5^0 + 17^0 = 16 + 43 + 44 + 50 + 170 \\ 323 &:= 1^6 + 4^3 + 4^4 + 6^0 + 16^0 = 16 + 43 + 44 + 60 + 160 \\ 323 &:= 1^6 + 4^3 + 4^4 + 7^0 + 15^0 = 16 + 43 + 44 + 70 + 150 \\ 323 &:= 1^6 + 4^3 + 4^4 + 8^0 + 14^0 = 16 + 43 + 44 + 80 + 140 \\ 323 &:= 1^6 + 4^3 + 4^4 + 9^0 + 13^0 = 16 + 43 + 44 + 90 + 130 \\ 323 &:= 1^7 + 1^8 + 2^6 + 10^0 + 16^2 = 17 + 18 + 26 + 100 + 162 \\ 323 &:= 1^7 + 1^9 + 4^3 + 4^4 + 20^0 = 17 + 19 + 43 + 44 + 200 \\ 323 &:= 1^7 + 2^0 + 4^4 + 8^2 + 16^0 = 17 + 20 + 44 + 82 + 160 \\ 323 &:= 1^7 + 2^1 + 3^1 + 11^2 + 14^2 = 17 + 21 + 31 + 112 + 142 \\ 323 &:= 1^7 + 2^1 + 5^2 + 6^1 + 17^2 = 17 + 21 + 52 + 61 + 172 \\ 323 &:= 1^7 + 2^2 + 3^0 + 11^2 + 14^2 = 17 + 22 + 30 + 112 + 142 \\ 323 &:= 1^7 + 3^0 + 4^2 + 7^2 + 16^2 = 17 + 30 + 42 + 72 + 162 \\ 323 &:= 1^7 + 3^0 + 4^4 + 8^2 + 15^0 = 17 + 30 + 44 + 82 + 150 \\ 323 &:= 1^7 + 3^1 + 5^1 + 5^2 + 17^2 = 17 + 31 + 51 + 52 + 172 \\ 323 &:= 1^7 + 3^3 + 5^0 + 5^1 + 17^2 = 17 + 33 + 50 + 51 + 172 \\ 323 &:= 1^7 + 4^0 + 4^4 + 8^2 + 14^0 = 17 + 40 + 44 + 82 + 140 \\ 323 &:= 1^7 + 4^1 + 4^1 + 5^2 + 17^2 = 17 + 41 + 41 + 52 + 172 \\ 323 &:= 1^7 + 4^2 + 4^2 + 5^0 + 17^2 = 17 + 42 + 42 + 50 + 172 \\ 323 &:= 1^7 + 4^4 + 5^0 + 8^2 + 13^0 = 17 + 44 + 50 + 82 + 130 \\ 323 &:= 1^7 + 4^4 + 6^0 + 8^2 + 12^0 = 17 + 44 + 60 + 82 + 120 \\ 323 &:= 1^7 + 4^4 + 7^0 + 8^2 + 11^0 = 17 + 44 + 70 + 82 + 110 \\ 323 &:= 1^7 + 4^4 + 8^0 + 8^2 + 10^0 = 17 + 44 + 80 + 82 + 100 \\ 323 &:= 1^7 + 4^4 + 8^2 + 9^0 + 9^0 = 17 + 44 + 82 + 90 + 90 \\ 323 &:= 1^7 + 5^1 + 6^3 + 9^0 + 10^2 = 17 + 51 + 63 + 90 + 102 \\ 323 &:= 1^8 + 1^8 + 4^3 + 4^4 + 20^0 = 18 + 18 + 43 + 44 + 200 \\ 323 &:= 1^8 + 1^9 + 4^4 + 8^2 + 16^0 = 18 + 19 + 44 + 82 + 160 \\ 323 &:= 1^8 + 2^0 + 4^3 + 8^0 + 16^2 = 18 + 20 + 43 + 80 + 162 \\ 323 &:= 1^8 + 3^0 + 4^3 + 7^0 + 16^2 = 18 + 30 + 43 + 70 + 162 \\ 323 &:= 1^8 + 4^0 + 4^3 + 6^0 + 16^2 = 18 + 40 + 43 + 60 + 162 \\ 323 &:= 1^8 + 4^3 + 5^0 + 5^0 + 16^2 = 18 + 43 + 50 + 50 + 162 \end{aligned}$$

$$\begin{aligned} 323 &:= 1^9 + 1^9 + 4^3 + 8^0 + 16^2 = 19 + 19 + 43 + 80 + 162 \\ 323 &:= 1^9 + 2^0 + 2^6 + 2^8 + 23^0 = 19 + 20 + 26 + 28 + 230 \\ 323 &:= 1^9 + 2^0 + 4^0 + 8^2 + 16^2 = 19 + 20 + 40 + 82 + 162 \\ 323 &:= 1^9 + 2^4 + 2^8 + 7^2 + 18^0 = 19 + 24 + 28 + 72 + 180 \\ 323 &:= 1^9 + 2^6 + 2^8 + 10^0 + 15^0 = 19 + 26 + 28 + 100 + 150 \\ 323 &:= 1^9 + 2^6 + 2^8 + 11^0 + 14^0 = 19 + 26 + 28 + 110 + 140 \\ 323 &:= 1^9 + 2^6 + 2^8 + 12^0 + 13^0 = 19 + 26 + 28 + 120 + 130 \\ 323 &:= 1^9 + 2^6 + 2^8 + 3^0 + 22^0 = 19 + 26 + 28 + 30 + 220 \\ 323 &:= 1^9 + 2^6 + 2^8 + 4^0 + 21^0 = 19 + 26 + 28 + 40 + 210 \\ 323 &:= 1^9 + 2^6 + 2^8 + 5^0 + 20^0 = 19 + 26 + 28 + 50 + 200 \\ 323 &:= 1^9 + 2^6 + 2^8 + 6^0 + 19^0 = 19 + 26 + 28 + 60 + 190 \\ 323 &:= 1^9 + 2^6 + 2^8 + 7^0 + 18^0 = 19 + 26 + 28 + 70 + 180 \\ 323 &:= 1^9 + 2^6 + 2^8 + 8^0 + 17^0 = 19 + 26 + 28 + 80 + 170 \\ 323 &:= 1^9 + 2^6 + 2^8 + 9^0 + 16^0 = 19 + 26 + 28 + 90 + 160 \\ 323 &:= 1^9 + 3^0 + 3^0 + 8^2 + 16^2 = 19 + 30 + 30 + 82 + 162 \\ 323 &:= 2^0 + 2^5 + 2^6 + 10^0 + 15^2 = 20 + 25 + 26 + 100 + 152 \\ 323 &:= 2^1 + 2^5 + 2^5 + 9^0 + 16^2 = 21 + 25 + 25 + 90 + 162 \\ 323 &:= 2^1 + 2^6 + 3^5 + 11^0 + 13^1 = 21 + 26 + 35 + 110 + 131 \\ 323 &:= 2^1 + 2^6 + 5^2 + 6^3 + 16^1 = 21 + 26 + 52 + 63 + 161 \\ 323 &:= 2^1 + 2^6 + 5^3 + 11^1 + 11^2 = 21 + 26 + 53 + 111 + 112 \\ 323 &:= 2^1 + 2^6 + 6^2 + 10^2 + 11^2 = 21 + 26 + 62 + 102 + 112 \\ 323 &:= 2^1 + 2^6 + 7^2 + 8^2 + 12^2 = 21 + 26 + 72 + 82 + 122 \\ 323 &:= 2^1 + 2^7 + 8^1 + 8^2 + 11^2 = 21 + 27 + 81 + 82 + 112 \\ 323 &:= 2^2 + 2^6 + 5^1 + 9^2 + 13^2 = 22 + 26 + 51 + 92 + 132 \\ 323 &:= 2^2 + 2^8 + 7^0 + 7^2 + 13^1 = 22 + 28 + 70 + 72 + 131 \\ 323 &:= 2^3 + 2^4 + 3^2 + 11^2 + 13^2 = 23 + 24 + 32 + 112 + 132 \\ 323 &:= 2^3 + 2^4 + 5^2 + 7^2 + 15^2 = 23 + 24 + 52 + 72 + 152 \\ 323 &:= 2^3 + 2^6 + 5^0 + 9^2 + 13^2 = 23 + 26 + 50 + 92 + 132 \\ 323 &:= 2^3 + 2^6 + 5^2 + 7^0 + 15^2 = 23 + 26 + 52 + 70 + 152 \\ 323 &:= 2^3 + 3^4 + 7^2 + 8^2 + 11^2 = 23 + 34 + 72 + 82 + 112 \\ 323 &:= 2^4 + 2^4 + 3^1 + 12^2 + 12^2 = 24 + 24 + 31 + 122 + 122 \\ 323 &:= 2^4 + 2^5 + 5^0 + 7^2 + 15^2 = 24 + 25 + 50 + 72 + 152 \\ 323 &:= 2^4 + 3^2 + 3^4 + 6^3 + 17^0 = 24 + 32 + 34 + 63 + 170 \\ 323 &:= 2^4 + 3^2 + 4^4 + 5^2 + 17^1 = 24 + 32 + 44 + 52 + 171 \\ 323 &:= 2^4 + 3^4 + 5^1 + 10^2 + 11^2 = 24 + 34 + 51 + 102 + 112 \\ 323 &:= 2^4 + 3^4 + 5^3 + 10^2 + 11^0 = 24 + 34 + 53 + 102 + 110 \\ 323 &:= 2^4 + 4^3 + 5^2 + 7^2 + 13^2 = 24 + 43 + 52 + 72 + 132 \\ 323 &:= 2^5 + 2^6 + 3^0 + 9^0 + 15^2 = 25 + 26 + 30 + 90 + 152 \end{aligned}$$

$$\begin{aligned} 323 &:= 2^5 + 2^6 + 4^0 + 8^0 + 15^2 = 25 + 26 + 40 + 80 + 152 \\ 323 &:= 2^5 + 2^6 + 5^0 + 7^0 + 15^2 = 25 + 26 + 50 + 70 + 152 \\ 323 &:= 2^5 + 2^6 + 6^0 + 6^0 + 15^2 = 25 + 26 + 60 + 60 + 152 \\ 323 &:= 2^5 + 3^2 + 4^4 + 5^2 + 17^0 = 25 + 32 + 44 + 52 + 170 \\ 323 &:= 2^5 + 3^3 + 4^1 + 8^2 + 14^2 = 25 + 33 + 41 + 82 + 142 \\ 323 &:= 2^5 + 3^3 + 4^4 + 7^1 + 15^0 = 25 + 33 + 44 + 71 + 150 \\ 323 &:= 2^5 + 3^5 + 6^2 + 9^0 + 11^1 = 25 + 35 + 62 + 90 + 111 \\ 323 &:= 2^5 + 4^2 + 5^2 + 5^2 + 15^2 = 25 + 42 + 52 + 52 + 152 \\ 323 &:= 2^5 + 4^3 + 5^2 + 6^1 + 14^2 = 25 + 43 + 52 + 61 + 142 \\ 323 &:= 2^6 + 3^1 + 3^5 + 11^0 + 12^1 = 26 + 31 + 35 + 110 + 121 \\ 323 &:= 2^6 + 3^1 + 5^2 + 6^3 + 15^1 = 26 + 31 + 52 + 63 + 151 \\ 323 &:= 2^6 + 3^1 + 5^3 + 10^1 + 11^2 = 26 + 31 + 53 + 101 + 112 \\ 323 &:= 2^6 + 3^2 + 5^1 + 7^2 + 14^2 = 26 + 32 + 51 + 72 + 142 \\ 323 &:= 2^6 + 3^3 + 5^0 + 6^3 + 15^1 = 26 + 33 + 50 + 63 + 151 \\ 323 &:= 2^6 + 3^4 + 5^0 + 8^1 + 13^2 = 26 + 34 + 50 + 81 + 132 \\ 323 &:= 2^6 + 3^5 + 4^1 + 11^0 + 11^1 = 26 + 35 + 41 + 110 + 111 \\ 323 &:= 2^6 + 3^5 + 5^1 + 10^1 + 11^0 = 26 + 35 + 51 + 101 + 110 \\ 323 &:= 2^6 + 3^5 + 6^1 + 9^1 + 11^0 = 26 + 35 + 61 + 91 + 110 \\ 323 &:= 2^6 + 3^5 + 7^1 + 8^1 + 11^0 = 26 + 35 + 71 + 81 + 110 \\ 323 &:= 2^6 + 4^1 + 5^2 + 6^3 + 14^1 = 26 + 41 + 52 + 63 + 141 \\ 323 &:= 2^6 + 4^1 + 5^3 + 9^1 + 11^2 = 26 + 41 + 53 + 91 + 112 \\ 323 &:= 2^6 + 4^3 + 5^2 + 7^0 + 13^2 = 26 + 43 + 52 + 70 + 132 \\ 323 &:= 2^6 + 5^1 + 5^2 + 6^3 + 13^1 = 26 + 51 + 52 + 63 + 131 \\ 323 &:= 2^6 + 5^1 + 5^3 + 8^1 + 11^2 = 26 + 51 + 53 + 81 + 112 \\ 323 &:= 2^6 + 5^2 + 6^1 + 6^3 + 12^1 = 26 + 52 + 61 + 63 + 121 \\ 323 &:= 2^6 + 5^2 + 6^3 + 7^1 + 11^1 = 26 + 52 + 63 + 71 + 111 \\ 323 &:= 2^6 + 5^2 + 6^3 + 8^1 + 10^1 = 26 + 52 + 63 + 81 + 101 \\ 323 &:= 2^6 + 5^2 + 6^3 + 9^1 + 9^1 = 26 + 52 + 63 + 91 + 91 \\ 323 &:= 2^6 + 5^3 + 5^3 + 8^1 + 11^0 = 26 + 53 + 53 + 81 + 110 \\ 323 &:= 2^6 + 5^3 + 6^1 + 7^1 + 11^2 = 26 + 53 + 61 + 71 + 112 \\ 323 &:= 2^7 + 3^1 + 7^1 + 8^2 + 11^2 = 27 + 31 + 71 + 82 + 112 \\ 323 &:= 2^7 + 3^2 + 4^2 + 9^0 + 13^2 = 27 + 32 + 42 + 90 + 132 \\ 323 &:= 2^7 + 3^2 + 7^0 + 8^2 + 11^2 = 27 + 32 + 70 + 82 + 112 \\ 323 &:= 2^7 + 4^1 + 6^1 + 8^2 + 11^2 = 27 + 41 + 61 + 82 + 112 \\ 323 &:= 2^7 + 4^3 + 5^0 + 9^1 + 11^2 = 27 + 43 + 50 + 91 + 112 \\ 323 &:= 2^7 + 5^0 + 7^2 + 8^2 + 9^2 = 27 + 50 + 72 + 82 + 92 \\ 323 &:= 2^7 + 5^1 + 5^1 + 8^2 + 11^2 = 27 + 51 + 51 + 82 + 112 \\ 323 &:= 2^7 + 5^1 + 5^3 + 8^2 + 11^0 = 27 + 51 + 53 + 82 + 110 \end{aligned}$$

$$\begin{aligned}323 &:= 2^7 + 5^2 + 5^2 + 7^0 + 12^2 = 27 + 52 + 52 + 70 + 122 \\323 &:= 2^8 + 3^0 + 5^2 + 5^2 + 16^1 = 28 + 30 + 52 + 52 + 161 \\323 &:= 2^8 + 3^2 + 7^2 + 8^1 + 11^0 = 28 + 32 + 72 + 81 + 110 \\323 &:= 2^8 + 4^2 + 5^0 + 6^2 + 14^1 = 28 + 42 + 50 + 62 + 141\end{aligned}$$

$$\begin{aligned}323 &:= 2^8 + 5^1 + 5^2 + 6^2 + 13^0 = 28 + 51 + 52 + 62 + 130 \\323 &:= 3^3 + 3^3 + 3^3 + 11^2 + 11^2 = 33 + 33 + 33 + 112 + 112 \\323 &:= 3^3 + 3^3 + 3^5 + 5^2 + 17^0 = 33 + 33 + 35 + 52 + 170\end{aligned}$$

2.2.225 Number 324

$$\begin{aligned}324 &:= 1^0 + 1^7 + 2^5 + 10^0 + 17^2 = 10 + 17 + 25 + 100 + 172 \\324 &:= 1^0 + 1^9 + 5^3 + 10^0 + 14^2 = 10 + 19 + 53 + 100 + 142 \\324 &:= 1^1 + 1^6 + 2^5 + 10^0 + 17^2 = 11 + 16 + 25 + 100 + 172 \\324 &:= 1^1 + 1^8 + 5^3 + 10^0 + 14^2 = 11 + 18 + 53 + 100 + 142 \\324 &:= 1^2 + 1^5 + 2^5 + 10^0 + 17^2 = 12 + 15 + 25 + 100 + 172 \\324 &:= 1^2 + 1^7 + 5^3 + 10^0 + 14^2 = 12 + 17 + 53 + 100 + 142 \\324 &:= 1^2 + 2^1 + 2^8 + 4^3 + 22^0 = 12 + 21 + 28 + 43 + 220 \\324 &:= 1^2 + 2^6 + 3^5 + 10^0 + 15^1 = 12 + 26 + 35 + 100 + 151 \\324 &:= 1^3 + 1^4 + 2^5 + 10^0 + 17^2 = 13 + 14 + 25 + 100 + 172 \\324 &:= 1^3 + 1^6 + 5^3 + 10^0 + 14^2 = 13 + 16 + 53 + 100 + 142 \\324 &:= 1^3 + 2^1 + 2^6 + 4^4 + 22^0 = 13 + 21 + 26 + 44 + 220 \\324 &:= 1^3 + 2^1 + 2^8 + 8^2 + 18^0 = 13 + 21 + 28 + 82 + 180 \\324 &:= 1^3 + 2^7 + 5^2 + 10^0 + 13^2 = 13 + 27 + 52 + 100 + 132 \\324 &:= 1^3 + 2^8 + 4^0 + 7^2 + 17^1 = 13 + 28 + 40 + 72 + 171 \\324 &:= 1^4 + 1^5 + 5^3 + 10^0 + 14^2 = 14 + 15 + 53 + 100 + 142 \\324 &:= 1^4 + 2^4 + 3^4 + 10^0 + 15^2 = 14 + 24 + 34 + 100 + 152 \\324 &:= 1^5 + 2^1 + 2^6 + 10^0 + 16^2 = 15 + 21 + 26 + 100 + 162 \\324 &:= 1^5 + 2^5 + 4^0 + 11^2 + 13^2 = 15 + 25 + 40 + 112 + 132 \\324 &:= 1^5 + 3^4 + 5^2 + 6^3 + 16^0 = 15 + 34 + 52 + 63 + 160 \\324 &:= 1^5 + 3^5 + 4^3 + 8^0 + 15^1 = 15 + 35 + 43 + 80 + 151 \\324 &:= 1^6 + 2^1 + 4^3 + 4^4 + 20^0 = 16 + 21 + 43 + 44 + 200 \\324 &:= 1^6 + 2^4 + 4^0 + 9^2 + 15^2 = 16 + 24 + 40 + 92 + 152 \\324 &:= 1^6 + 3^4 + 4^2 + 8^0 + 15^2 = 16 + 34 + 42 + 80 + 152 \\324 &:= 1^6 + 3^5 + 4^0 + 8^2 + 15^1 = 16 + 35 + 40 + 82 + 151 \\324 &:= 1^7 + 2^0 + 2^5 + 9^0 + 17^2 = 17 + 20 + 25 + 90 + 172 \\324 &:= 1^7 + 2^0 + 4^4 + 7^2 + 17^1 = 17 + 20 + 44 + 72 + 171 \\324 &:= 1^7 + 2^1 + 4^4 + 8^2 + 16^0 = 17 + 21 + 44 + 82 + 160 \\324 &:= 1^7 + 2^3 + 5^2 + 6^0 + 17^2 = 17 + 23 + 52 + 60 + 172 \\324 &:= 1^7 + 2^5 + 3^0 + 8^0 + 17^2 = 17 + 25 + 30 + 80 + 172 \\324 &:= 1^7 + 2^5 + 4^0 + 7^0 + 17^2 = 17 + 25 + 40 + 70 + 172 \\324 &:= 1^7 + 2^5 + 5^0 + 6^0 + 17^2 = 17 + 25 + 50 + 60 + 172\end{aligned}$$

$$\begin{aligned}324 &:= 1^7 + 2^7 + 2^7 + 7^2 + 18^1 = 17 + 27 + 27 + 72 + 181 \\324 &:= 1^7 + 5^2 + 6^3 + 9^2 + 10^0 = 17 + 52 + 63 + 92 + 100 \\324 &:= 1^8 + 1^9 + 2^5 + 9^0 + 17^2 = 18 + 19 + 25 + 90 + 172 \\324 &:= 1^8 + 1^9 + 4^4 + 7^2 + 17^1 = 18 + 19 + 44 + 72 + 171 \\324 &:= 1^8 + 2^0 + 3^2 + 12^2 + 13^2 = 18 + 20 + 32 + 122 + 132 \\324 &:= 1^8 + 2^0 + 4^2 + 9^2 + 15^2 = 18 + 20 + 42 + 92 + 152 \\324 &:= 1^8 + 2^1 + 4^3 + 8^0 + 16^2 = 18 + 21 + 43 + 80 + 162 \\324 &:= 1^8 + 3^3 + 4^0 + 6^1 + 17^2 = 18 + 33 + 40 + 61 + 172 \\324 &:= 1^8 + 6^1 + 6^3 + 8^0 + 10^2 = 18 + 61 + 63 + 80 + 102 \\324 &:= 1^9 + 1^9 + 3^2 + 12^2 + 13^2 = 19 + 19 + 32 + 122 + 132 \\324 &:= 1^9 + 1^9 + 4^2 + 9^2 + 15^2 = 19 + 19 + 42 + 92 + 152 \\324 &:= 1^9 + 2^0 + 5^3 + 9^0 + 14^2 = 19 + 20 + 53 + 90 + 142 \\324 &:= 1^9 + 2^1 + 2^6 + 2^8 + 23^0 = 19 + 21 + 26 + 28 + 230 \\324 &:= 1^9 + 2^1 + 4^0 + 8^2 + 16^2 = 19 + 21 + 40 + 82 + 162 \\324 &:= 1^9 + 3^0 + 5^3 + 8^0 + 14^2 = 19 + 30 + 53 + 80 + 142 \\324 &:= 1^9 + 4^0 + 5^3 + 7^0 + 14^2 = 19 + 40 + 53 + 70 + 142 \\324 &:= 1^9 + 5^0 + 5^3 + 6^0 + 14^2 = 19 + 50 + 53 + 60 + 142 \\324 &:= 2^0 + 2^5 + 3^3 + 3^5 + 21^1 = 20 + 25 + 33 + 35 + 211 \\324 &:= 2^0 + 2^7 + 3^4 + 10^2 + 14^1 = 20 + 27 + 34 + 102 + 141 \\324 &:= 2^1 + 2^5 + 2^6 + 10^0 + 15^2 = 21 + 25 + 26 + 100 + 152 \\324 &:= 2^2 + 2^6 + 3^5 + 12^0 + 12^1 = 22 + 26 + 35 + 120 + 121 \\324 &:= 2^3 + 2^3 + 3^5 + 4^3 + 20^0 = 23 + 23 + 35 + 43 + 200 \\324 &:= 2^3 + 2^8 + 7^2 + 10^0 + 10^1 = 23 + 28 + 72 + 100 + 101 \\324 &:= 2^4 + 2^5 + 4^0 + 4^4 + 19^1 = 24 + 25 + 40 + 44 + 191 \\324 &:= 2^4 + 2^7 + 4^0 + 10^1 + 13^2 = 24 + 27 + 40 + 101 + 132 \\324 &:= 2^6 + 3^2 + 3^4 + 10^0 + 13^2 = 26 + 32 + 34 + 100 + 132 \\324 &:= 2^6 + 3^2 + 3^5 + 7^1 + 16^0 = 26 + 32 + 35 + 71 + 160 \\324 &:= 2^6 + 3^2 + 5^3 + 5^3 + 16^0 = 26 + 32 + 53 + 53 + 160 \\324 &:= 2^6 + 3^3 + 4^2 + 6^3 + 16^0 = 26 + 33 + 42 + 63 + 160 \\324 &:= 2^7 + 4^3 + 5^3 + 6^1 + 14^0 = 27 + 43 + 53 + 61 + 140 \\324 &:= 2^8 + 3^2 + 3^2 + 7^2 + 16^0 = 28 + 32 + 32 + 72 + 160\end{aligned}$$

$$324 := 2^8 + 3^3 + 4^1 + 6^2 + 16^0 = 28 + 33 + 41 + 62 + 160$$
$$324 := 2^8 + 3^3 + 5^2 + 6^0 + 15^1 = 28 + 33 + 52 + 60 + 151$$

2.2.226 Number 325

$$325 := 1^8 + 4^4 + 7^2 + 19^1 = 18 + 44 + 72 + 191$$
$$325 := 1^9 + 6^2 + 12^2 + 12^2 = 19 + 62 + 122 + 122$$
$$325 := 1^9 + 8^2 + 8^2 + 14^2 = 19 + 82 + 82 + 142$$
$$325 := 2^5 + 2^8 + 6^2 + 21^0 = 25 + 28 + 62 + 210$$
$$325 := 2^6 + 2^8 + 4^1 + 23^0 = 26 + 28 + 41 + 230$$
$$325 := 4^0 + 4^1 + 8^2 + 16^2 = 40 + 41 + 82 + 162$$
$$325 := 1^0 + 1^8 + 4^4 + 7^2 + 18^1 = 10 + 18 + 44 + 72 + 181$$
$$325 := 1^0 + 1^9 + 7^2 + 7^2 + 15^2 = 10 + 19 + 72 + 72 + 152$$
$$325 := 1^0 + 2^4 + 2^6 + 3^5 + 23^0 = 10 + 24 + 26 + 35 + 230$$
$$325 := 1^0 + 2^6 + 2^8 + 3^1 + 23^0 = 10 + 26 + 28 + 31 + 230$$
$$325 := 1^0 + 3^1 + 4^0 + 8^2 + 16^2 = 10 + 31 + 40 + 82 + 162$$
$$325 := 1^1 + 1^7 + 4^4 + 7^2 + 18^1 = 11 + 17 + 44 + 72 + 181$$
$$325 := 1^1 + 1^8 + 7^2 + 7^2 + 15^2 = 11 + 18 + 72 + 72 + 152$$
$$325 := 1^1 + 2^5 + 3^3 + 3^5 + 22^1 = 11 + 25 + 33 + 35 + 221$$
$$325 := 1^1 + 2^7 + 3^4 + 10^2 + 15^1 = 11 + 27 + 34 + 102 + 151$$
$$325 := 1^2 + 1^6 + 4^4 + 7^2 + 18^1 = 12 + 16 + 44 + 72 + 181$$
$$325 := 1^2 + 1^7 + 7^2 + 7^2 + 15^2 = 12 + 17 + 72 + 72 + 152$$
$$325 := 1^2 + 2^6 + 3^5 + 4^2 + 21^0 = 12 + 26 + 35 + 42 + 210$$
$$325 := 1^2 + 2^8 + 5^2 + 5^2 + 18^1 = 12 + 28 + 52 + 52 + 181$$
$$325 := 1^3 + 1^5 + 4^4 + 7^2 + 18^1 = 13 + 15 + 44 + 72 + 181$$
$$325 := 1^3 + 1^6 + 7^2 + 7^2 + 15^2 = 13 + 16 + 72 + 72 + 152$$
$$325 := 1^3 + 2^4 + 3^5 + 4^3 + 21^0 = 13 + 24 + 35 + 43 + 210$$
$$325 := 1^3 + 2^5 + 4^2 + 4^4 + 20^1 = 13 + 25 + 42 + 44 + 201$$
$$325 := 1^3 + 2^6 + 3^5 + 9^0 + 16^1 = 13 + 26 + 35 + 90 + 161$$
$$325 := 1^3 + 2^7 + 4^2 + 11^1 + 13^2 = 13 + 27 + 42 + 111 + 132$$
$$325 := 1^3 + 2^8 + 3^1 + 4^3 + 21^0 = 13 + 28 + 31 + 43 + 210$$
$$325 := 1^4 + 1^4 + 4^4 + 7^2 + 18^1 = 14 + 14 + 44 + 72 + 181$$
$$325 := 1^4 + 1^5 + 7^2 + 7^2 + 15^2 = 14 + 15 + 72 + 72 + 152$$
$$325 := 1^4 + 2^3 + 3^4 + 6^3 + 19^1 = 14 + 23 + 34 + 63 + 191$$
$$325 := 1^4 + 2^4 + 3^5 + 8^2 + 17^0 = 14 + 24 + 35 + 82 + 170$$
$$325 := 1^4 + 2^5 + 3^3 + 9^1 + 16^2 = 14 + 25 + 33 + 91 + 162$$
$$325 := 1^4 + 2^6 + 3^1 + 4^4 + 21^0 = 14 + 26 + 31 + 44 + 210$$
$$325 := 1^4 + 2^8 + 3^0 + 7^2 + 18^1 = 14 + 28 + 30 + 72 + 181$$
$$325 := 1^4 + 2^8 + 3^1 + 8^2 + 17^0 = 14 + 28 + 31 + 82 + 170$$

$$325 := 1^4 + 3^3 + 3^5 + 6^2 + 18^1 = 14 + 33 + 35 + 62 + 181$$
$$325 := 1^5 + 2^3 + 3^4 + 10^1 + 15^2 = 15 + 23 + 34 + 101 + 152$$
$$325 := 1^5 + 2^5 + 4^1 + 12^2 + 12^2 = 15 + 25 + 41 + 122 + 122$$
$$325 := 1^5 + 3^2 + 3^4 + 6^3 + 18^1 = 15 + 32 + 34 + 63 + 181$$
$$325 := 1^5 + 3^3 + 4^3 + 6^3 + 17^1 = 15 + 33 + 43 + 63 + 171$$
$$325 := 1^5 + 3^4 + 4^3 + 10^1 + 13^2 = 15 + 34 + 43 + 101 + 132$$
$$325 := 1^5 + 3^4 + 9^2 + 9^2 + 9^2 = 15 + 34 + 92 + 92 + 92$$
$$325 := 1^5 + 3^5 + 4^2 + 4^3 + 19^0 = 15 + 35 + 42 + 43 + 190$$
$$325 := 1^5 + 3^5 + 4^2 + 7^2 + 16^1 = 15 + 35 + 42 + 72 + 161$$
$$325 := 1^6 + 2^6 + 3^1 + 9^0 + 16^2 = 16 + 26 + 31 + 90 + 162$$
$$325 := 1^6 + 3^2 + 3^3 + 12^2 + 12^2 = 16 + 32 + 33 + 122 + 122$$
$$325 := 1^6 + 3^2 + 3^4 + 9^1 + 15^2 = 16 + 32 + 34 + 91 + 152$$
$$325 := 1^6 + 3^3 + 4^3 + 8^1 + 15^2 = 16 + 33 + 43 + 81 + 152$$
$$325 := 1^6 + 3^3 + 6^2 + 6^2 + 15^2 = 16 + 33 + 62 + 62 + 152$$
$$325 := 1^6 + 3^5 + 4^2 + 8^2 + 15^0 = 16 + 35 + 42 + 82 + 150$$
$$325 := 1^6 + 3^5 + 4^3 + 7^0 + 16^1 = 16 + 35 + 43 + 70 + 161$$
$$325 := 1^6 + 4^2 + 4^3 + 10^2 + 12^2 = 16 + 42 + 43 + 102 + 122$$
$$325 := 1^6 + 4^2 + 4^4 + 6^2 + 16^1 = 16 + 42 + 44 + 62 + 161$$
$$325 := 1^7 + 2^1 + 2^5 + 9^0 + 17^2 = 17 + 21 + 25 + 90 + 172$$
$$325 := 1^7 + 2^1 + 4^4 + 7^2 + 17^1 = 17 + 21 + 44 + 72 + 171$$
$$325 := 1^7 + 2^3 + 3^1 + 12^2 + 13^2 = 17 + 23 + 31 + 122 + 132$$
$$325 := 1^7 + 3^0 + 3^5 + 8^2 + 16^1 = 17 + 30 + 35 + 82 + 161$$
$$325 := 1^7 + 3^1 + 4^3 + 4^4 + 19^0 = 17 + 31 + 43 + 44 + 190$$
$$325 := 1^7 + 3^1 + 4^4 + 7^2 + 16^1 = 17 + 31 + 44 + 72 + 161$$
$$325 := 1^7 + 3^2 + 3^2 + 9^2 + 15^2 = 17 + 32 + 32 + 92 + 152$$
$$325 := 1^7 + 3^3 + 5^1 + 6^2 + 16^2 = 17 + 33 + 51 + 62 + 162$$
$$325 := 1^7 + 3^4 + 5^0 + 11^2 + 11^2 = 17 + 34 + 50 + 112 + 112$$
$$325 := 1^7 + 4^1 + 4^4 + 7^2 + 15^1 = 17 + 41 + 44 + 72 + 151$$
$$325 := 1^7 + 4^2 + 4^2 + 6^2 + 16^2 = 17 + 42 + 42 + 62 + 162$$
$$325 := 1^7 + 4^2 + 6^3 + 9^2 + 11^1 = 17 + 42 + 63 + 92 + 111$$
$$325 := 1^7 + 4^4 + 5^1 + 7^2 + 14^1 = 17 + 44 + 51 + 72 + 141$$
$$325 := 1^7 + 4^4 + 6^1 + 7^2 + 13^1 = 17 + 44 + 61 + 72 + 131$$
$$325 := 1^7 + 4^4 + 7^1 + 7^2 + 12^1 = 17 + 44 + 71 + 72 + 121$$
$$325 := 1^7 + 4^4 + 7^2 + 8^1 + 11^1 = 17 + 44 + 72 + 81 + 111$$

$$\begin{aligned} 325 &:= 1^7 + 4^4 + 7^2 + 9^1 + 10^1 = 17 + 44 + 72 + 91 + 101 \\ 325 &:= 1^7 + 5^3 + 6^1 + 7^2 + 12^2 = 17 + 53 + 61 + 72 + 122 \\ 325 &:= 1^7 + 6^3 + 7^2 + 7^2 + 10^1 = 17 + 63 + 72 + 72 + 101 \\ 325 &:= 1^8 + 2^1 + 3^2 + 12^2 + 13^2 = 18 + 21 + 32 + 122 + 132 \\ 325 &:= 1^8 + 2^1 + 4^2 + 9^2 + 15^2 = 18 + 21 + 42 + 92 + 152 \\ 325 &:= 1^8 + 2^2 + 3^1 + 11^2 + 14^2 = 18 + 22 + 31 + 112 + 142 \\ 325 &:= 1^8 + 2^2 + 5^2 + 6^1 + 17^2 = 18 + 22 + 52 + 61 + 172 \\ 325 &:= 1^8 + 3^0 + 3^3 + 10^2 + 14^2 = 18 + 30 + 33 + 102 + 142 \\ 325 &:= 1^8 + 3^1 + 4^2 + 7^2 + 16^2 = 18 + 31 + 42 + 72 + 162 \\ 325 &:= 1^8 + 3^1 + 4^4 + 8^2 + 15^0 = 18 + 31 + 44 + 82 + 150 \\ 325 &:= 1^9 + 2^1 + 5^3 + 9^0 + 14^2 = 19 + 21 + 53 + 90 + 142 \\ 325 &:= 1^9 + 3^0 + 3^3 + 7^1 + 17^2 = 19 + 30 + 33 + 71 + 172 \\ 325 &:= 1^9 + 3^1 + 4^3 + 7^0 + 16^2 = 19 + 31 + 43 + 70 + 162 \\ 325 &:= 1^9 + 3^2 + 5^0 + 5^2 + 17^2 = 19 + 32 + 50 + 52 + 172 \\ 325 &:= 1^9 + 6^3 + 7^0 + 7^1 + 10^2 = 19 + 63 + 70 + 71 + 102 \\ 325 &:= 2^0 + 2^4 + 2^6 + 3^5 + 22^0 = 20 + 24 + 26 + 35 + 220 \\ 325 &:= 2^0 + 2^6 + 2^8 + 3^1 + 22^0 = 20 + 26 + 28 + 31 + 220 \\ 325 &:= 2^0 + 3^0 + 3^1 + 8^2 + 16^2 = 20 + 30 + 31 + 82 + 162 \\ 325 &:= 2^1 + 2^5 + 3^3 + 3^5 + 21^1 = 21 + 25 + 33 + 35 + 211 \\ 325 &:= 2^1 + 2^7 + 3^4 + 10^2 + 14^1 = 21 + 27 + 34 + 102 + 141 \\ 325 &:= 2^3 + 2^5 + 3^2 + 4^4 + 20^1 = 23 + 25 + 32 + 44 + 201 \\ 325 &:= 2^3 + 2^6 + 3^5 + 9^1 + 15^0 = 23 + 26 + 35 + 91 + 150 \\ 325 &:= 2^3 + 2^7 + 3^2 + 11^1 + 13^2 = 23 + 27 + 32 + 111 + 132 \\ 325 &:= 2^3 + 2^7 + 6^2 + 9^1 + 12^2 = 23 + 27 + 62 + 91 + 122 \\ 325 &:= 2^3 + 2^7 + 8^1 + 9^2 + 10^2 = 23 + 27 + 81 + 92 + 102 \\ 325 &:= 2^3 + 3^3 + 3^3 + 3^5 + 20^1 = 23 + 33 + 33 + 35 + 201 \\ 325 &:= 2^4 + 2^4 + 3^5 + 7^2 + 17^0 = 24 + 24 + 35 + 72 + 170 \\ 325 &:= 2^4 + 2^6 + 3^0 + 3^5 + 21^0 = 24 + 26 + 30 + 35 + 210 \\ 325 &:= 2^4 + 2^6 + 3^5 + 10^0 + 14^0 = 24 + 26 + 35 + 100 + 140 \\ 325 &:= 2^4 + 2^6 + 3^5 + 11^0 + 13^0 = 24 + 26 + 35 + 110 + 130 \\ 325 &:= 2^4 + 2^6 + 3^5 + 12^0 + 12^0 = 24 + 26 + 35 + 120 + 120 \\ 325 &:= 2^4 + 2^6 + 3^5 + 4^0 + 20^0 = 24 + 26 + 35 + 40 + 200 \\ 325 &:= 2^4 + 2^6 + 3^5 + 5^0 + 19^0 = 24 + 26 + 35 + 50 + 190 \\ 325 &:= 2^4 + 2^6 + 3^5 + 6^0 + 18^0 = 24 + 26 + 35 + 60 + 180 \\ 325 &:= 2^4 + 2^6 + 3^5 + 7^0 + 17^0 = 24 + 26 + 35 + 70 + 170 \\ 325 &:= 2^4 + 2^6 + 3^5 + 8^0 + 16^0 = 24 + 26 + 35 + 80 + 160 \\ 325 &:= 2^4 + 2^6 + 3^5 + 9^0 + 15^0 = 24 + 26 + 35 + 90 + 150 \\ 325 &:= 2^4 + 2^7 + 6^2 + 9^0 + 12^2 = 24 + 27 + 62 + 90 + 122 \end{aligned}$$

$$\begin{aligned} 325 &:= 2^4 + 2^8 + 3^1 + 7^2 + 17^0 = 24 + 28 + 31 + 72 + 170 \\ 325 &:= 2^4 + 2^8 + 5^0 + 6^2 + 16^1 = 24 + 28 + 50 + 62 + 161 \\ 325 &:= 2^5 + 2^5 + 4^1 + 4^4 + 19^0 = 25 + 25 + 41 + 44 + 190 \\ 325 &:= 2^5 + 2^5 + 4^3 + 9^0 + 14^2 = 25 + 25 + 43 + 90 + 142 \\ 325 &:= 2^5 + 2^6 + 6^3 + 9^0 + 12^1 = 25 + 26 + 63 + 90 + 121 \\ 325 &:= 2^5 + 3^1 + 3^3 + 3^5 + 20^1 = 25 + 31 + 33 + 35 + 201 \\ 325 &:= 2^5 + 3^3 + 3^5 + 10^1 + 13^1 = 25 + 33 + 35 + 101 + 131 \\ 325 &:= 2^5 + 3^3 + 3^5 + 11^1 + 12^1 = 25 + 33 + 35 + 111 + 121 \\ 325 &:= 2^5 + 3^3 + 3^5 + 4^1 + 19^1 = 25 + 33 + 35 + 41 + 191 \\ 325 &:= 2^5 + 3^3 + 3^5 + 5^1 + 18^1 = 25 + 33 + 35 + 51 + 181 \\ 325 &:= 2^5 + 3^3 + 3^5 + 6^1 + 17^1 = 25 + 33 + 35 + 61 + 171 \\ 325 &:= 2^5 + 3^3 + 3^5 + 7^1 + 16^1 = 25 + 33 + 35 + 71 + 161 \\ 325 &:= 2^5 + 3^3 + 3^5 + 8^1 + 15^1 = 25 + 33 + 35 + 81 + 151 \\ 325 &:= 2^5 + 3^3 + 3^5 + 9^1 + 14^1 = 25 + 33 + 35 + 91 + 141 \\ 325 &:= 2^5 + 3^3 + 5^3 + 5^3 + 16^1 = 25 + 33 + 53 + 53 + 161 \\ 325 &:= 2^5 + 3^5 + 4^2 + 4^2 + 18^1 = 25 + 35 + 42 + 42 + 181 \\ 325 &:= 2^6 + 2^8 + 3^0 + 3^1 + 21^0 = 26 + 28 + 30 + 31 + 210 \\ 325 &:= 2^6 + 2^8 + 3^1 + 10^0 + 14^0 = 26 + 28 + 31 + 100 + 140 \\ 325 &:= 2^6 + 2^8 + 3^1 + 11^0 + 13^0 = 26 + 28 + 31 + 110 + 130 \\ 325 &:= 2^6 + 2^8 + 3^1 + 12^0 + 12^0 = 26 + 28 + 31 + 120 + 120 \\ 325 &:= 2^6 + 2^8 + 3^1 + 4^0 + 20^0 = 26 + 28 + 31 + 40 + 200 \\ 325 &:= 2^6 + 2^8 + 3^1 + 5^0 + 19^0 = 26 + 28 + 31 + 50 + 190 \\ 325 &:= 2^6 + 2^8 + 3^1 + 6^0 + 18^0 = 26 + 28 + 31 + 60 + 180 \\ 325 &:= 2^6 + 2^8 + 3^1 + 7^0 + 17^0 = 26 + 28 + 31 + 70 + 170 \\ 325 &:= 2^6 + 2^8 + 3^1 + 8^0 + 16^0 = 26 + 28 + 31 + 80 + 160 \\ 325 &:= 2^6 + 2^8 + 3^1 + 9^0 + 15^0 = 26 + 28 + 31 + 90 + 150 \\ 325 &:= 2^6 + 3^3 + 7^2 + 8^2 + 11^2 = 26 + 33 + 72 + 82 + 112 \\ 325 &:= 2^7 + 3^1 + 3^4 + 10^2 + 13^1 = 27 + 31 + 34 + 102 + 131 \\ 325 &:= 2^7 + 3^2 + 5^3 + 7^2 + 14^1 = 27 + 32 + 53 + 72 + 141 \\ 325 &:= 2^7 + 3^3 + 4^2 + 10^1 + 12^2 = 27 + 33 + 42 + 101 + 122 \\ 325 &:= 2^7 + 3^3 + 8^1 + 9^2 + 9^2 = 27 + 33 + 81 + 92 + 92 \\ 325 &:= 2^7 + 3^4 + 4^1 + 10^2 + 12^1 = 27 + 34 + 41 + 102 + 121 \\ 325 &:= 2^7 + 3^4 + 5^1 + 10^2 + 11^1 = 27 + 34 + 51 + 102 + 111 \\ 325 &:= 2^7 + 3^4 + 6^1 + 10^1 + 10^2 = 27 + 34 + 61 + 101 + 102 \\ 325 &:= 2^7 + 3^4 + 7^1 + 9^1 + 10^2 = 27 + 34 + 71 + 91 + 102 \\ 325 &:= 2^7 + 3^4 + 8^1 + 8^1 + 10^2 = 27 + 34 + 81 + 81 + 102 \\ 325 &:= 2^8 + 3^3 + 3^3 + 9^0 + 14^1 = 28 + 33 + 33 + 90 + 141 \\ 325 &:= 2^8 + 3^3 + 4^2 + 5^2 + 17^0 = 28 + 33 + 42 + 52 + 170 \end{aligned}$$

2.2.227 Number 326

$326 := 1^4 + 13^0 + 18^2$	$= 14 + 130 + 182$	$326 := 1^6 + 2^2 + 2^6 + 10^0 + 16^2$	$= 16 + 22 + 26 + 100 + 162$
$326 := 1^0 + 9^2 + 10^2 + 12^2$	$= 10 + 92 + 102 + 122$	$326 := 1^6 + 2^6 + 6^0 + 8^2 + 14^2$	$= 16 + 26 + 60 + 82 + 142$
$326 := 1^7 + 2^7 + 14^0 + 14^2$	$= 17 + 27 + 140 + 142$	$326 := 1^6 + 3^3 + 3^4 + 6^3 + 18^0$	$= 16 + 33 + 34 + 63 + 180$
$326 := 1^7 + 3^4 + 3^5 + 24^0$	$= 17 + 34 + 35 + 240$	$326 := 1^7 + 1^8 + 2^8 + 7^2 + 19^1$	$= 17 + 18 + 28 + 72 + 191$
$326 := 1^9 + 3^5 + 9^2 + 18^0$	$= 19 + 35 + 92 + 180$	$326 := 1^7 + 2^2 + 4^3 + 4^4 + 20^0$	$= 17 + 22 + 43 + 44 + 200$
$326 := 3^0 + 3^3 + 9^1 + 17^2$	$= 30 + 33 + 91 + 172$	$326 := 1^7 + 2^5 + 6^0 + 6^2 + 16^2$	$= 17 + 25 + 60 + 62 + 162$
$326 := 3^0 + 6^2 + 8^2 + 15^2$	$= 30 + 62 + 82 + 152$	$326 := 1^7 + 2^6 + 4^1 + 8^0 + 16^2$	$= 17 + 26 + 41 + 80 + 162$
$326 := 4^1 + 5^3 + 9^0 + 14^2$	$= 41 + 53 + 90 + 142$	$326 := 1^7 + 3^5 + 4^3 + 6^0 + 17^1$	$= 17 + 35 + 43 + 60 + 171$
$326 := 4^3 + 5^1 + 7^0 + 16^2$	$= 43 + 51 + 70 + 162$	$326 := 1^8 + 2^0 + 3^5 + 8^2 + 17^1$	$= 18 + 20 + 35 + 82 + 171$
$326 := 6^3 + 7^0 + 9^1 + 10^2$	$= 63 + 70 + 91 + 102$	$326 := 1^8 + 2^2 + 4^4 + 8^2 + 16^0$	$= 18 + 22 + 44 + 82 + 160$
$326 := 1^0 + 1^0 + 6^2 + 12^2 + 12^2$	$= 10 + 10 + 62 + 122 + 122$	$326 := 1^8 + 2^3 + 3^3 + 8^0 + 17^2$	$= 18 + 23 + 33 + 80 + 172$
$326 := 1^0 + 1^0 + 8^2 + 8^2 + 14^2$	$= 10 + 10 + 82 + 82 + 142$	$326 := 1^8 + 2^3 + 6^3 + 10^2 + 12^0$	$= 18 + 23 + 63 + 102 + 120$
$326 := 1^0 + 2^2 + 2^6 + 2^8 + 24^0$	$= 10 + 22 + 26 + 28 + 240$	$326 := 1^8 + 2^5 + 3^1 + 8^0 + 17^2$	$= 18 + 25 + 31 + 80 + 172$
$326 := 1^0 + 2^2 + 5^0 + 8^2 + 16^2$	$= 10 + 22 + 50 + 82 + 162$	$326 := 1^8 + 3^3 + 6^3 + 9^2 + 12^0$	$= 18 + 33 + 63 + 92 + 120$
$326 := 1^0 + 3^0 + 3^3 + 8^1 + 17^2$	$= 10 + 30 + 33 + 81 + 172$	$326 := 1^8 + 4^1 + 4^3 + 4^4 + 18^0$	$= 18 + 41 + 43 + 44 + 180$
$326 := 1^0 + 3^1 + 5^3 + 9^0 + 14^2$	$= 10 + 31 + 53 + 90 + 142$	$326 := 1^8 + 4^3 + 4^3 + 8^0 + 14^2$	$= 18 + 43 + 43 + 80 + 142$
$326 := 1^0 + 4^1 + 4^3 + 7^0 + 16^2$	$= 10 + 41 + 43 + 70 + 162$	$326 := 1^9 + 1^9 + 3^5 + 8^2 + 17^1$	$= 19 + 19 + 35 + 82 + 171$
$326 := 1^0 + 6^3 + 7^0 + 8^1 + 10^2$	$= 10 + 63 + 70 + 81 + 102$	$326 := 1^9 + 2^2 + 4^3 + 8^0 + 16^2$	$= 19 + 22 + 43 + 80 + 162$
$326 := 1^1 + 2^5 + 2^8 + 6^2 + 20^0$	$= 11 + 25 + 28 + 62 + 200$	$326 := 1^9 + 4^0 + 4^3 + 8^2 + 14^2$	$= 19 + 40 + 43 + 82 + 142$
$326 := 1^1 + 2^6 + 2^8 + 4^1 + 22^0$	$= 11 + 26 + 28 + 41 + 220$	$326 := 1^9 + 4^1 + 4^4 + 8^2 + 14^0$	$= 19 + 41 + 44 + 82 + 140$
$326 := 1^1 + 3^0 + 4^1 + 8^2 + 16^2$	$= 11 + 30 + 41 + 82 + 162$	$326 := 2^0 + 2^0 + 3^3 + 8^1 + 17^2$	$= 20 + 20 + 33 + 81 + 172$
$326 := 1^2 + 2^6 + 2^6 + 12^0 + 14^2$	$= 12 + 26 + 26 + 120 + 142$	$326 := 2^0 + 2^2 + 2^6 + 2^8 + 23^0$	$= 20 + 22 + 26 + 28 + 230$
$326 := 1^3 + 2^2 + 2^8 + 4^3 + 22^0$	$= 13 + 22 + 28 + 43 + 220$	$326 := 2^0 + 2^2 + 4^0 + 8^2 + 16^2$	$= 20 + 22 + 40 + 82 + 162$
$326 := 1^4 + 2^2 + 2^6 + 4^4 + 22^0$	$= 14 + 22 + 26 + 44 + 220$	$326 := 2^0 + 2^5 + 2^8 + 4^2 + 21^1$	$= 20 + 25 + 28 + 42 + 211$
$326 := 1^4 + 2^2 + 2^8 + 8^2 + 18^0$	$= 14 + 22 + 28 + 82 + 180$	$326 := 2^0 + 3^1 + 5^3 + 8^0 + 14^2$	$= 20 + 31 + 53 + 80 + 142$
$326 := 1^4 + 2^5 + 3^5 + 7^2 + 18^0$	$= 14 + 25 + 35 + 72 + 180$	$326 := 2^0 + 4^1 + 4^3 + 6^0 + 16^2$	$= 20 + 41 + 43 + 60 + 162$
$326 := 1^4 + 2^6 + 3^5 + 8^0 + 17^1$	$= 14 + 26 + 35 + 80 + 171$	$326 := 2^0 + 6^0 + 6^3 + 8^1 + 10^2$	$= 20 + 60 + 63 + 81 + 102$
$326 := 1^4 + 2^7 + 3^3 + 12^0 + 13^2$	$= 14 + 27 + 33 + 120 + 132$	$326 := 2^1 + 2^4 + 2^6 + 3^5 + 22^0$	$= 21 + 24 + 26 + 35 + 220$
$326 := 1^4 + 2^8 + 4^1 + 4^3 + 20^0$	$= 14 + 28 + 41 + 43 + 200$	$326 := 2^1 + 2^6 + 2^8 + 3^1 + 22^0$	$= 21 + 26 + 28 + 31 + 220$
$326 := 1^5 + 2^0 + 2^8 + 7^2 + 19^1$	$= 15 + 20 + 28 + 72 + 191$	$326 := 2^1 + 3^0 + 3^1 + 8^2 + 16^2$	$= 21 + 30 + 31 + 82 + 162$
$326 := 1^5 + 2^5 + 4^4 + 6^2 + 18^0$	$= 15 + 25 + 44 + 62 + 180$	$326 := 2^2 + 2^4 + 2^8 + 7^2 + 18^0$	$= 22 + 24 + 28 + 72 + 180$
$326 := 1^5 + 2^6 + 4^1 + 4^4 + 20^0$	$= 15 + 26 + 41 + 44 + 200$	$326 := 2^2 + 2^6 + 2^8 + 10^0 + 15^0$	$= 22 + 26 + 28 + 100 + 150$
$326 := 1^5 + 2^6 + 4^3 + 10^0 + 14^2$	$= 15 + 26 + 43 + 100 + 142$	$326 := 2^2 + 2^6 + 2^8 + 11^0 + 14^0$	$= 22 + 26 + 28 + 110 + 140$
$326 := 1^5 + 2^8 + 4^1 + 8^2 + 16^0$	$= 15 + 28 + 41 + 82 + 160$	$326 := 2^2 + 2^6 + 2^8 + 12^0 + 13^0$	$= 22 + 26 + 28 + 120 + 130$
$326 := 1^6 + 1^9 + 2^8 + 7^2 + 19^1$	$= 16 + 19 + 28 + 72 + 191$	$326 := 2^2 + 2^6 + 2^8 + 3^0 + 22^0$	$= 22 + 26 + 28 + 30 + 220$

$$\begin{aligned}
 326 &:= 2^2 + 2^6 + 2^8 + 4^0 + 21^0 = 22 + 26 + 28 + 40 + 210 \\
 326 &:= 2^2 + 2^6 + 2^8 + 5^0 + 20^0 = 22 + 26 + 28 + 50 + 200 \\
 326 &:= 2^2 + 2^6 + 2^8 + 6^0 + 19^0 = 22 + 26 + 28 + 60 + 190 \\
 326 &:= 2^2 + 2^6 + 2^8 + 7^0 + 18^0 = 22 + 26 + 28 + 70 + 180 \\
 326 &:= 2^2 + 2^6 + 2^8 + 8^0 + 17^0 = 22 + 26 + 28 + 80 + 170 \\
 326 &:= 2^2 + 2^6 + 2^8 + 9^0 + 16^0 = 22 + 26 + 28 + 90 + 160 \\
 326 &:= 2^2 + 3^0 + 3^0 + 8^2 + 16^2 = 22 + 30 + 30 + 82 + 162 \\
 326 &:= 2^3 + 2^7 + 4^3 + 5^3 + 18^0 = 23 + 27 + 43 + 53 + 180 \\
 326 &:= 2^5 + 2^5 + 3^5 + 6^0 + 18^1 = 25 + 25 + 35 + 60 + 181 \\
 326 &:= 2^5 + 2^8 + 5^2 + 10^0 + 12^1 = 25 + 28 + 52 + 100 + 121
 \end{aligned}$$

$$\begin{aligned}
 326 &:= 2^6 + 2^7 + 4^0 + 11^2 + 12^1 = 26 + 27 + 40 + 112 + 121 \\
 326 &:= 3^0 + 3^1 + 5^3 + 7^0 + 14^2 = 30 + 31 + 53 + 70 + 142 \\
 326 &:= 3^0 + 4^1 + 4^3 + 5^0 + 16^2 = 30 + 41 + 43 + 50 + 162 \\
 326 &:= 3^0 + 5^0 + 6^3 + 8^1 + 10^2 = 30 + 50 + 63 + 81 + 102 \\
 326 &:= 3^1 + 4^0 + 5^3 + 6^0 + 14^2 = 31 + 40 + 53 + 60 + 142 \\
 326 &:= 3^1 + 5^0 + 5^0 + 5^3 + 14^2 = 31 + 50 + 50 + 53 + 142 \\
 326 &:= 4^0 + 4^0 + 4^1 + 4^3 + 16^2 = 40 + 40 + 41 + 43 + 162 \\
 326 &:= 4^0 + 4^0 + 6^3 + 8^1 + 10^2 = 40 + 40 + 63 + 81 + 102
 \end{aligned}$$

2.2.228 Number 327

$$\begin{aligned}
 327 &:= 1^0 + 1^5 + 12^0 + 18^2 = 10 + 15 + 120 + 182 \\
 327 &:= 1^1 + 1^4 + 12^0 + 18^2 = 11 + 14 + 120 + 182 \\
 327 &:= 1^2 + 1^3 + 12^0 + 18^2 = 12 + 13 + 120 + 182 \\
 327 &:= 1^3 + 6^0 + 10^2 + 15^2 = 13 + 60 + 102 + 152 \\
 327 &:= 1^3 + 6^2 + 8^0 + 17^2 = 13 + 62 + 80 + 172 \\
 327 &:= 1^5 + 2^0 + 11^0 + 18^2 = 15 + 20 + 110 + 182 \\
 327 &:= 1^5 + 3^0 + 10^0 + 18^2 = 15 + 30 + 100 + 182 \\
 327 &:= 1^5 + 4^0 + 9^0 + 18^2 = 15 + 40 + 90 + 182 \\
 327 &:= 1^5 + 5^0 + 8^0 + 18^2 = 15 + 50 + 80 + 182 \\
 327 &:= 1^5 + 6^0 + 7^0 + 18^2 = 15 + 60 + 70 + 182 \\
 327 &:= 1^6 + 1^9 + 11^0 + 18^2 = 16 + 19 + 110 + 182 \\
 327 &:= 1^6 + 2^8 + 7^2 + 21^1 = 16 + 28 + 72 + 211 \\
 327 &:= 1^7 + 1^8 + 11^0 + 18^2 = 17 + 18 + 110 + 182 \\
 327 &:= 1^9 + 3^5 + 8^2 + 19^1 = 19 + 35 + 82 + 191 \\
 327 &:= 4^4 + 6^1 + 8^2 + 14^0 = 44 + 61 + 82 + 140 \\
 327 &:= 1^0 + 1^0 + 3^5 + 9^2 + 18^0 = 10 + 10 + 35 + 92 + 180 \\
 327 &:= 1^0 + 1^6 + 2^8 + 7^2 + 20^1 = 10 + 16 + 28 + 72 + 201 \\
 327 &:= 1^0 + 1^8 + 2^7 + 13^0 + 14^2 = 10 + 18 + 27 + 130 + 142 \\
 327 &:= 1^0 + 1^8 + 3^4 + 3^5 + 23^0 = 10 + 18 + 34 + 35 + 230 \\
 327 &:= 1^0 + 1^9 + 3^5 + 8^2 + 18^1 = 10 + 19 + 35 + 82 + 181 \\
 327 &:= 1^0 + 2^0 + 3^5 + 9^2 + 17^0 = 10 + 20 + 35 + 92 + 170 \\
 327 &:= 1^0 + 2^2 + 5^3 + 10^0 + 14^2 = 10 + 22 + 53 + 100 + 142 \\
 327 &:= 1^0 + 2^3 + 4^0 + 11^2 + 14^2 = 10 + 23 + 40 + 112 + 142 \\
 327 &:= 1^0 + 3^0 + 3^5 + 9^2 + 16^0 = 10 + 30 + 35 + 92 + 160 \\
 327 &:= 1^0 + 3^2 + 3^3 + 8^0 + 17^2 = 10 + 32 + 33 + 80 + 172 \\
 327 &:= 1^0 + 3^2 + 6^3 + 10^2 + 12^0 = 10 + 32 + 63 + 102 + 120
 \end{aligned}$$

$$\begin{aligned}
 327 &:= 1^0 + 3^5 + 4^0 + 9^2 + 15^0 = 10 + 35 + 40 + 92 + 150 \\
 327 &:= 1^0 + 3^5 + 5^0 + 9^2 + 14^0 = 10 + 35 + 50 + 92 + 140 \\
 327 &:= 1^0 + 3^5 + 6^0 + 9^2 + 13^0 = 10 + 35 + 60 + 92 + 130 \\
 327 &:= 1^0 + 3^5 + 7^0 + 9^2 + 12^0 = 10 + 35 + 70 + 92 + 120 \\
 327 &:= 1^0 + 3^5 + 8^0 + 9^2 + 11^0 = 10 + 35 + 80 + 92 + 110 \\
 327 &:= 1^0 + 3^5 + 9^0 + 9^2 + 10^0 = 10 + 35 + 90 + 92 + 100 \\
 327 &:= 1^0 + 4^3 + 6^0 + 6^2 + 15^2 = 10 + 43 + 60 + 62 + 152 \\
 327 &:= 1^0 + 4^4 + 5^1 + 8^2 + 14^0 = 10 + 44 + 51 + 82 + 140 \\
 327 &:= 1^0 + 5^3 + 6^0 + 10^2 + 10^2 = 10 + 53 + 60 + 102 + 102 \\
 327 &:= 1^1 + 1^5 + 2^8 + 7^2 + 20^1 = 11 + 15 + 28 + 72 + 201 \\
 327 &:= 1^1 + 1^7 + 2^7 + 13^0 + 14^2 = 11 + 17 + 27 + 130 + 142 \\
 327 &:= 1^1 + 1^7 + 3^4 + 3^5 + 23^0 = 11 + 17 + 34 + 35 + 230 \\
 327 &:= 1^1 + 1^8 + 3^5 + 8^2 + 18^1 = 11 + 18 + 35 + 82 + 181 \\
 327 &:= 1^1 + 1^9 + 3^5 + 9^2 + 17^0 = 11 + 19 + 35 + 92 + 170 \\
 327 &:= 1^1 + 2^0 + 3^3 + 9^1 + 17^2 = 11 + 20 + 33 + 91 + 172 \\
 327 &:= 1^1 + 2^0 + 6^2 + 8^2 + 15^2 = 11 + 20 + 62 + 82 + 152 \\
 327 &:= 1^1 + 2^5 + 2^8 + 4^2 + 22^1 = 11 + 25 + 28 + 42 + 221 \\
 327 &:= 1^1 + 4^1 + 5^3 + 8^0 + 14^2 = 11 + 41 + 53 + 80 + 142 \\
 327 &:= 1^1 + 4^3 + 5^1 + 6^0 + 16^2 = 11 + 43 + 51 + 60 + 162 \\
 327 &:= 1^1 + 6^0 + 6^3 + 9^1 + 10^2 = 11 + 60 + 63 + 91 + 102 \\
 327 &:= 1^2 + 1^4 + 2^8 + 7^2 + 20^1 = 12 + 14 + 28 + 72 + 201 \\
 327 &:= 1^2 + 1^6 + 2^7 + 13^0 + 14^2 = 12 + 16 + 27 + 130 + 142 \\
 327 &:= 1^2 + 1^6 + 3^4 + 3^5 + 23^0 = 12 + 16 + 34 + 35 + 230 \\
 327 &:= 1^2 + 1^7 + 3^5 + 8^2 + 18^1 = 12 + 17 + 35 + 82 + 181 \\
 327 &:= 1^2 + 1^8 + 3^5 + 9^2 + 17^0 = 12 + 18 + 35 + 92 + 170 \\
 327 &:= 1^2 + 1^9 + 3^3 + 9^1 + 17^2 = 12 + 19 + 33 + 91 + 172
 \end{aligned}$$

$$\begin{aligned} 327 &:= 1^2 + 1^9 + 6^2 + 8^2 + 15^2 = 12 + 19 + 62 + 82 + 152 \\ 327 &:= 1^2 + 2^0 + 5^1 + 8^2 + 16^2 = 12 + 20 + 51 + 82 + 162 \\ 327 &:= 1^2 + 2^6 + 2^8 + 5^1 + 21^0 = 12 + 26 + 28 + 51 + 210 \\ 327 &:= 1^3 + 1^3 + 2^8 + 7^2 + 20^1 = 13 + 13 + 28 + 72 + 201 \\ 327 &:= 1^3 + 1^5 + 2^7 + 13^0 + 14^2 = 13 + 15 + 27 + 130 + 142 \\ 327 &:= 1^3 + 1^5 + 3^4 + 3^5 + 23^0 = 13 + 15 + 34 + 35 + 230 \\ 327 &:= 1^3 + 1^6 + 3^5 + 8^2 + 18^1 = 13 + 16 + 35 + 82 + 181 \\ 327 &:= 1^3 + 1^7 + 3^5 + 9^2 + 17^0 = 13 + 17 + 35 + 92 + 170 \\ 327 &:= 1^3 + 1^8 + 3^3 + 9^1 + 17^2 = 13 + 18 + 33 + 91 + 172 \\ 327 &:= 1^3 + 1^8 + 6^2 + 8^2 + 15^2 = 13 + 18 + 62 + 82 + 152 \\ 327 &:= 1^3 + 1^9 + 5^1 + 8^2 + 16^2 = 13 + 19 + 51 + 82 + 162 \\ 327 &:= 1^3 + 2^4 + 2^5 + 4^4 + 22^1 = 13 + 24 + 25 + 44 + 221 \\ 327 &:= 1^3 + 2^4 + 2^7 + 13^1 + 13^2 = 13 + 24 + 27 + 131 + 132 \\ 327 &:= 1^4 + 1^4 + 2^7 + 13^0 + 14^2 = 14 + 14 + 27 + 130 + 142 \\ 327 &:= 1^4 + 1^4 + 3^4 + 3^5 + 23^0 = 14 + 14 + 34 + 35 + 230 \\ 327 &:= 1^4 + 1^5 + 3^5 + 8^2 + 18^1 = 14 + 15 + 35 + 82 + 181 \\ 327 &:= 1^4 + 1^6 + 3^5 + 9^2 + 17^0 = 14 + 16 + 35 + 92 + 170 \\ 327 &:= 1^4 + 1^7 + 3^3 + 9^1 + 17^2 = 14 + 17 + 33 + 91 + 172 \\ 327 &:= 1^4 + 1^7 + 6^2 + 8^2 + 15^2 = 14 + 17 + 62 + 82 + 152 \\ 327 &:= 1^4 + 1^8 + 5^1 + 8^2 + 16^2 = 14 + 18 + 51 + 82 + 162 \\ 327 &:= 1^4 + 2^6 + 3^3 + 6^3 + 19^1 = 14 + 26 + 33 + 63 + 191 \\ 327 &:= 1^4 + 2^6 + 3^4 + 12^1 + 13^2 = 14 + 26 + 34 + 121 + 132 \\ 327 &:= 1^4 + 2^7 + 4^3 + 11^2 + 13^1 = 14 + 27 + 43 + 112 + 131 \\ 327 &:= 1^4 + 2^8 + 4^2 + 6^2 + 18^1 = 14 + 28 + 42 + 62 + 181 \\ 327 &:= 1^5 + 1^5 + 3^5 + 9^2 + 17^0 = 15 + 15 + 35 + 92 + 170 \\ 327 &:= 1^5 + 1^6 + 3^3 + 9^1 + 17^2 = 15 + 16 + 33 + 91 + 172 \\ 327 &:= 1^5 + 1^6 + 6^2 + 8^2 + 15^2 = 15 + 16 + 62 + 82 + 152 \\ 327 &:= 1^5 + 1^7 + 5^1 + 8^2 + 16^2 = 15 + 17 + 51 + 82 + 162 \\ 327 &:= 1^5 + 2^1 + 2^8 + 7^2 + 19^1 = 15 + 21 + 28 + 72 + 191 \\ 327 &:= 1^5 + 2^4 + 3^5 + 7^2 + 18^1 = 15 + 24 + 35 + 72 + 181 \\ 327 &:= 1^5 + 2^6 + 3^3 + 10^1 + 15^2 = 15 + 26 + 33 + 101 + 152 \\ 327 &:= 1^5 + 2^6 + 3^5 + 7^0 + 18^1 = 15 + 26 + 35 + 70 + 181 \\ 327 &:= 1^5 + 2^6 + 9^2 + 9^2 + 10^2 = 15 + 26 + 92 + 92 + 102 \\ 327 &:= 1^5 + 2^8 + 3^1 + 7^2 + 18^1 = 15 + 28 + 31 + 72 + 181 \\ 327 &:= 1^5 + 2^8 + 4^1 + 7^2 + 17^1 = 15 + 28 + 41 + 72 + 171 \\ 327 &:= 1^5 + 2^8 + 4^3 + 5^1 + 19^0 = 15 + 28 + 43 + 51 + 190 \\ 327 &:= 1^5 + 2^8 + 5^1 + 7^2 + 16^1 = 15 + 28 + 51 + 72 + 161 \\ 327 &:= 1^5 + 2^8 + 6^1 + 7^2 + 15^1 = 15 + 28 + 61 + 72 + 151 \end{aligned}$$

$$\begin{aligned} 327 &:= 1^5 + 2^8 + 7^1 + 7^2 + 14^1 = 15 + 28 + 71 + 72 + 141 \\ 327 &:= 1^5 + 2^8 + 7^2 + 10^1 + 11^1 = 15 + 28 + 72 + 101 + 111 \\ 327 &:= 1^5 + 2^8 + 7^2 + 8^1 + 13^1 = 15 + 28 + 72 + 81 + 131 \\ 327 &:= 1^5 + 2^8 + 7^2 + 9^1 + 12^1 = 15 + 28 + 72 + 91 + 121 \\ 327 &:= 1^6 + 1^6 + 5^1 + 8^2 + 16^2 = 16 + 16 + 51 + 82 + 162 \\ 327 &:= 1^6 + 2^4 + 4^4 + 6^2 + 18^1 = 16 + 24 + 44 + 62 + 181 \\ 327 &:= 1^6 + 2^5 + 5^2 + 10^2 + 13^2 = 16 + 25 + 52 + 102 + 132 \\ 327 &:= 1^6 + 2^5 + 6^3 + 8^2 + 14^1 = 16 + 25 + 63 + 82 + 141 \\ 327 &:= 1^6 + 2^5 + 7^2 + 7^2 + 14^2 = 16 + 25 + 72 + 72 + 142 \\ 327 &:= 1^6 + 2^6 + 4^4 + 5^1 + 19^0 = 16 + 26 + 44 + 51 + 190 \\ 327 &:= 1^6 + 2^8 + 5^1 + 8^2 + 15^0 = 16 + 28 + 51 + 82 + 150 \\ 327 &:= 1^7 + 2^4 + 6^2 + 7^2 + 15^2 = 17 + 24 + 62 + 72 + 152 \\ 327 &:= 1^7 + 2^4 + 6^3 + 9^2 + 13^1 = 17 + 24 + 63 + 92 + 131 \\ 327 &:= 1^7 + 2^5 + 4^1 + 11^2 + 13^2 = 17 + 25 + 41 + 112 + 132 \\ 327 &:= 1^7 + 2^5 + 5^1 + 8^2 + 15^2 = 17 + 25 + 51 + 82 + 152 \\ 327 &:= 1^7 + 2^6 + 6^2 + 7^0 + 15^2 = 17 + 26 + 62 + 70 + 152 \\ 327 &:= 1^7 + 3^3 + 4^4 + 5^2 + 18^1 = 17 + 33 + 44 + 52 + 181 \\ 327 &:= 1^7 + 3^4 + 8^2 + 9^2 + 10^2 = 17 + 34 + 82 + 92 + 102 \\ 327 &:= 1^8 + 2^0 + 2^7 + 12^0 + 14^2 = 18 + 20 + 27 + 120 + 142 \\ 327 &:= 1^8 + 2^0 + 3^4 + 3^5 + 22^0 = 18 + 20 + 34 + 35 + 220 \\ 327 &:= 1^8 + 2^1 + 3^5 + 8^2 + 17^1 = 18 + 21 + 35 + 82 + 171 \\ 327 &:= 1^8 + 2^2 + 2^5 + 9^0 + 17^2 = 18 + 22 + 25 + 90 + 172 \\ 327 &:= 1^8 + 2^2 + 4^4 + 7^2 + 17^1 = 18 + 22 + 44 + 72 + 171 \\ 327 &:= 1^8 + 2^4 + 4^1 + 9^2 + 15^2 = 18 + 24 + 41 + 92 + 152 \\ 327 &:= 1^8 + 2^4 + 5^1 + 7^2 + 16^2 = 18 + 24 + 51 + 72 + 162 \\ 327 &:= 1^8 + 2^6 + 5^1 + 7^0 + 16^2 = 18 + 26 + 51 + 70 + 162 \\ 327 &:= 1^8 + 2^7 + 3^0 + 11^0 + 14^2 = 18 + 27 + 30 + 110 + 142 \\ 327 &:= 1^8 + 2^7 + 4^0 + 10^0 + 14^2 = 18 + 27 + 40 + 100 + 142 \\ 327 &:= 1^8 + 2^7 + 5^0 + 9^0 + 14^2 = 18 + 27 + 50 + 90 + 142 \\ 327 &:= 1^8 + 2^7 + 6^0 + 8^0 + 14^2 = 18 + 27 + 60 + 80 + 142 \\ 327 &:= 1^8 + 2^7 + 7^0 + 7^0 + 14^2 = 18 + 27 + 70 + 70 + 142 \\ 327 &:= 1^8 + 3^0 + 3^4 + 3^5 + 21^0 = 18 + 30 + 34 + 35 + 210 \\ 327 &:= 1^8 + 3^1 + 3^5 + 8^2 + 16^1 = 18 + 31 + 35 + 82 + 161 \\ 327 &:= 1^8 + 3^2 + 3^3 + 11^2 + 13^2 = 18 + 32 + 33 + 112 + 132 \\ 327 &:= 1^8 + 3^3 + 5^2 + 7^2 + 15^2 = 18 + 33 + 52 + 72 + 152 \\ 327 &:= 1^8 + 3^4 + 3^5 + 10^0 + 14^0 = 18 + 34 + 35 + 100 + 140 \\ 327 &:= 1^8 + 3^4 + 3^5 + 11^0 + 13^0 = 18 + 34 + 35 + 110 + 130 \\ 327 &:= 1^8 + 3^4 + 3^5 + 12^0 + 12^0 = 18 + 34 + 35 + 120 + 120 \end{aligned}$$

$$\begin{aligned} 327 &:= 1^8 + 3^4 + 3^5 + 4^0 + 20^0 = 18 + 34 + 35 + 40 + 200 \\ 327 &:= 1^8 + 3^4 + 3^5 + 5^0 + 19^0 = 18 + 34 + 35 + 50 + 190 \\ 327 &:= 1^8 + 3^4 + 3^5 + 6^0 + 18^0 = 18 + 34 + 35 + 60 + 180 \\ 327 &:= 1^8 + 3^4 + 3^5 + 7^0 + 17^0 = 18 + 34 + 35 + 70 + 170 \\ 327 &:= 1^8 + 3^4 + 3^5 + 8^0 + 16^0 = 18 + 34 + 35 + 80 + 160 \\ 327 &:= 1^8 + 3^4 + 3^5 + 9^0 + 15^0 = 18 + 34 + 35 + 90 + 150 \\ 327 &:= 1^8 + 3^5 + 4^1 + 8^2 + 15^1 = 18 + 35 + 41 + 82 + 151 \\ 327 &:= 1^8 + 3^5 + 4^3 + 5^0 + 18^1 = 18 + 35 + 43 + 50 + 181 \\ 327 &:= 1^8 + 3^5 + 5^1 + 8^2 + 14^1 = 18 + 35 + 51 + 82 + 141 \\ 327 &:= 1^8 + 3^5 + 6^1 + 8^2 + 13^1 = 18 + 35 + 61 + 82 + 131 \\ 327 &:= 1^8 + 3^5 + 7^1 + 8^2 + 12^1 = 18 + 35 + 71 + 82 + 121 \\ 327 &:= 1^8 + 3^5 + 8^1 + 8^2 + 11^1 = 18 + 35 + 81 + 82 + 111 \\ 327 &:= 1^8 + 3^5 + 8^2 + 9^1 + 10^1 = 18 + 35 + 82 + 91 + 101 \\ 327 &:= 1^8 + 5^3 + 5^3 + 8^2 + 12^1 = 18 + 53 + 53 + 82 + 121 \\ 327 &:= 1^9 + 1^9 + 2^7 + 12^0 + 14^2 = 19 + 19 + 27 + 120 + 142 \\ 327 &:= 1^9 + 1^9 + 3^4 + 3^5 + 22^0 = 19 + 19 + 34 + 35 + 220 \\ 327 &:= 1^9 + 2^2 + 3^2 + 12^2 + 13^2 = 19 + 22 + 32 + 122 + 132 \\ 327 &:= 1^9 + 2^2 + 4^2 + 9^2 + 15^2 = 19 + 22 + 42 + 92 + 152 \\ 327 &:= 1^9 + 2^5 + 4^1 + 7^0 + 17^2 = 19 + 25 + 41 + 70 + 172 \\ 327 &:= 1^9 + 3^1 + 3^3 + 10^2 + 14^2 = 19 + 31 + 33 + 102 + 142 \\ 327 &:= 1^9 + 3^2 + 5^2 + 6^2 + 16^2 = 19 + 32 + 52 + 62 + 162 \\ 327 &:= 1^9 + 3^4 + 5^0 + 10^2 + 12^2 = 19 + 34 + 50 + 102 + 122 \\ 327 &:= 1^9 + 4^3 + 4^4 + 5^1 + 17^0 = 19 + 43 + 44 + 51 + 170 \\ 327 &:= 1^9 + 5^2 + 5^3 + 7^1 + 13^2 = 19 + 52 + 53 + 71 + 132 \\ 327 &:= 1^9 + 6^2 + 6^3 + 8^2 + 10^1 = 19 + 62 + 63 + 82 + 101 \\ 327 &:= 2^0 + 2^0 + 3^5 + 9^2 + 16^0 = 20 + 20 + 35 + 92 + 160 \\ 327 &:= 2^0 + 2^1 + 3^3 + 8^1 + 17^2 = 20 + 21 + 33 + 81 + 172 \\ 327 &:= 2^0 + 2^2 + 5^3 + 9^0 + 14^2 = 20 + 22 + 53 + 90 + 142 \\ 327 &:= 2^0 + 2^3 + 3^0 + 11^2 + 14^2 = 20 + 23 + 30 + 112 + 142 \\ 327 &:= 2^0 + 3^0 + 3^5 + 9^2 + 15^0 = 20 + 30 + 35 + 92 + 150 \\ 327 &:= 2^0 + 3^1 + 3^3 + 7^1 + 17^2 = 20 + 31 + 33 + 71 + 172 \\ 327 &:= 2^0 + 3^2 + 3^3 + 7^0 + 17^2 = 20 + 32 + 33 + 70 + 172 \\ 327 &:= 2^0 + 3^2 + 6^3 + 10^2 + 11^0 = 20 + 32 + 63 + 102 + 110 \\ 327 &:= 2^0 + 3^3 + 4^1 + 6^1 + 17^2 = 20 + 33 + 41 + 61 + 172 \\ 327 &:= 2^0 + 3^3 + 5^1 + 5^1 + 17^2 = 20 + 33 + 51 + 51 + 172 \\ 327 &:= 2^0 + 3^5 + 4^0 + 9^2 + 14^0 = 20 + 35 + 40 + 92 + 140 \\ 327 &:= 2^0 + 3^5 + 5^0 + 9^2 + 13^0 = 20 + 35 + 50 + 92 + 130 \\ 327 &:= 2^0 + 3^5 + 6^0 + 9^2 + 12^0 = 20 + 35 + 60 + 92 + 120 \end{aligned}$$

$$\begin{aligned} 327 &:= 2^0 + 3^5 + 7^0 + 9^2 + 11^0 = 20 + 35 + 70 + 92 + 110 \\ 327 &:= 2^0 + 3^5 + 8^0 + 9^2 + 10^0 = 20 + 35 + 80 + 92 + 100 \\ 327 &:= 2^0 + 3^5 + 9^0 + 9^0 + 9^2 = 20 + 35 + 90 + 90 + 92 \\ 327 &:= 2^0 + 4^2 + 4^2 + 5^1 + 17^2 = 20 + 42 + 42 + 51 + 172 \\ 327 &:= 2^0 + 4^3 + 5^0 + 6^2 + 15^2 = 20 + 43 + 50 + 62 + 152 \\ 327 &:= 2^0 + 4^4 + 5^1 + 8^2 + 13^0 = 20 + 44 + 51 + 82 + 130 \\ 327 &:= 2^0 + 5^0 + 5^3 + 10^2 + 10^2 = 20 + 50 + 53 + 102 + 102 \\ 327 &:= 2^1 + 2^2 + 2^6 + 2^8 + 23^0 = 21 + 22 + 26 + 28 + 230 \\ 327 &:= 2^1 + 2^2 + 4^0 + 8^2 + 16^2 = 21 + 22 + 40 + 82 + 162 \\ 327 &:= 2^1 + 2^5 + 2^8 + 4^2 + 21^1 = 21 + 25 + 28 + 42 + 211 \\ 327 &:= 2^1 + 3^1 + 5^3 + 8^0 + 14^2 = 21 + 31 + 53 + 80 + 142 \\ 327 &:= 2^1 + 4^1 + 4^3 + 6^0 + 16^2 = 21 + 41 + 43 + 60 + 162 \\ 327 &:= 2^1 + 6^0 + 6^3 + 8^1 + 10^2 = 21 + 60 + 63 + 81 + 102 \\ 327 &:= 2^2 + 3^0 + 5^3 + 8^0 + 14^2 = 22 + 30 + 53 + 80 + 142 \\ 327 &:= 2^2 + 4^0 + 5^3 + 7^0 + 14^2 = 22 + 40 + 53 + 70 + 142 \\ 327 &:= 2^2 + 5^0 + 5^3 + 6^0 + 14^2 = 22 + 50 + 53 + 60 + 142 \\ 327 &:= 2^3 + 2^3 + 2^8 + 6^2 + 19^1 = 23 + 23 + 28 + 62 + 191 \\ 327 &:= 2^3 + 2^8 + 3^3 + 4^2 + 20^1 = 23 + 28 + 33 + 42 + 201 \\ 327 &:= 2^4 + 2^5 + 3^5 + 4^2 + 20^1 = 24 + 25 + 35 + 42 + 201 \\ 327 &:= 2^4 + 2^7 + 3^3 + 12^1 + 12^2 = 24 + 27 + 33 + 121 + 122 \\ 327 &:= 2^5 + 2^7 + 6^2 + 10^1 + 11^2 = 25 + 27 + 62 + 101 + 112 \\ 327 &:= 2^5 + 2^8 + 3^1 + 4^2 + 20^1 = 25 + 28 + 31 + 42 + 201 \\ 327 &:= 2^5 + 2^8 + 3^3 + 11^1 + 13^0 = 25 + 28 + 33 + 111 + 130 \\ 327 &:= 2^5 + 2^8 + 4^1 + 4^2 + 19^1 = 25 + 28 + 41 + 42 + 191 \\ 327 &:= 2^5 + 2^8 + 4^2 + 10^1 + 13^1 = 25 + 28 + 42 + 101 + 131 \\ 327 &:= 2^5 + 2^8 + 4^2 + 11^1 + 12^1 = 25 + 28 + 42 + 111 + 121 \\ 327 &:= 2^5 + 2^8 + 4^2 + 5^1 + 18^1 = 25 + 28 + 42 + 51 + 181 \\ 327 &:= 2^5 + 2^8 + 4^2 + 6^1 + 17^1 = 25 + 28 + 42 + 61 + 171 \\ 327 &:= 2^5 + 2^8 + 4^2 + 7^1 + 16^1 = 25 + 28 + 42 + 71 + 161 \\ 327 &:= 2^5 + 2^8 + 4^2 + 8^1 + 15^1 = 25 + 28 + 42 + 81 + 151 \\ 327 &:= 2^5 + 2^8 + 4^2 + 9^1 + 14^1 = 25 + 28 + 42 + 91 + 141 \\ 327 &:= 2^6 + 2^7 + 5^3 + 9^1 + 13^0 = 26 + 27 + 53 + 91 + 130 \\ 327 &:= 2^7 + 2^7 + 6^1 + 8^2 + 13^0 = 27 + 27 + 61 + 82 + 130 \\ 327 &:= 2^7 + 3^4 + 3^4 + 6^2 + 17^0 = 27 + 34 + 34 + 62 + 170 \\ 327 &:= 3^0 + 3^0 + 3^5 + 9^2 + 14^0 = 30 + 30 + 35 + 92 + 140 \\ 327 &:= 3^0 + 3^2 + 3^3 + 6^0 + 17^2 = 30 + 32 + 33 + 60 + 172 \\ 327 &:= 3^0 + 3^2 + 6^3 + 10^0 + 10^2 = 30 + 32 + 63 + 100 + 102 \\ 327 &:= 3^0 + 3^5 + 4^0 + 9^2 + 13^0 = 30 + 35 + 40 + 92 + 130 \end{aligned}$$

$$\begin{aligned}
 327 &:= 3^0 + 3^5 + 5^0 + 9^2 + 12^0 = 30 + 35 + 50 + 92 + 120 \\
 327 &:= 3^0 + 3^5 + 6^0 + 9^2 + 11^0 = 30 + 35 + 60 + 92 + 110 \\
 327 &:= 3^0 + 3^5 + 7^0 + 9^2 + 10^0 = 30 + 35 + 70 + 92 + 100 \\
 327 &:= 3^0 + 3^5 + 8^0 + 9^0 + 9^2 = 30 + 35 + 80 + 90 + 92 \\
 327 &:= 3^0 + 4^0 + 4^3 + 6^2 + 15^2 = 30 + 40 + 43 + 62 + 152 \\
 327 &:= 3^0 + 4^0 + 5^3 + 10^2 + 10^2 = 30 + 40 + 53 + 102 + 102 \\
 327 &:= 3^0 + 4^4 + 5^1 + 8^2 + 12^0 = 30 + 44 + 51 + 82 + 120 \\
 327 &:= 3^1 + 3^1 + 4^3 + 6^0 + 16^2 = 31 + 31 + 43 + 60 + 162 \\
 327 &:= 3^1 + 3^2 + 4^0 + 5^2 + 17^2 = 31 + 32 + 40 + 52 + 172 \\
 327 &:= 3^1 + 6^0 + 6^3 + 7^1 + 10^2 = 31 + 60 + 63 + 71 + 102 \\
 327 &:= 3^2 + 3^3 + 4^0 + 5^0 + 17^2 = 32 + 33 + 40 + 50 + 172 \\
 327 &:= 3^2 + 4^0 + 6^3 + 9^0 + 10^2 = 32 + 40 + 63 + 90 + 102 \\
 327 &:= 3^2 + 5^0 + 6^3 + 8^0 + 10^2 = 32 + 50 + 63 + 80 + 102 \\
 327 &:= 3^2 + 6^0 + 6^3 + 7^0 + 10^2 = 32 + 60 + 63 + 70 + 102 \\
 327 &:= 3^5 + 4^0 + 4^0 + 9^2 + 12^0 = 35 + 40 + 40 + 92 + 120 \\
 327 &:= 3^5 + 4^0 + 5^0 + 9^2 + 11^0 = 35 + 40 + 50 + 92 + 110
 \end{aligned}$$

$$\begin{aligned}
 327 &:= 3^5 + 4^0 + 6^0 + 9^2 + 10^0 = 35 + 40 + 60 + 92 + 100 \\
 327 &:= 3^5 + 4^0 + 7^0 + 9^0 + 9^2 = 35 + 40 + 70 + 90 + 92 \\
 327 &:= 3^5 + 4^0 + 8^0 + 8^0 + 9^2 = 35 + 40 + 80 + 80 + 92 \\
 327 &:= 3^5 + 5^0 + 5^0 + 9^2 + 10^0 = 35 + 50 + 50 + 92 + 100 \\
 327 &:= 3^5 + 5^0 + 6^0 + 9^0 + 9^2 = 35 + 50 + 60 + 90 + 92 \\
 327 &:= 3^5 + 5^0 + 7^0 + 8^0 + 9^2 = 35 + 50 + 70 + 80 + 92 \\
 327 &:= 3^5 + 6^0 + 6^0 + 8^0 + 9^2 = 35 + 60 + 60 + 80 + 92 \\
 327 &:= 3^5 + 6^0 + 7^0 + 7^0 + 9^2 = 35 + 60 + 70 + 70 + 92 \\
 327 &:= 4^0 + 4^4 + 5^1 + 8^2 + 11^0 = 40 + 44 + 51 + 82 + 110 \\
 327 &:= 4^1 + 6^0 + 6^1 + 6^3 + 10^2 = 41 + 60 + 61 + 63 + 102 \\
 327 &:= 4^4 + 5^0 + 5^1 + 8^2 + 10^0 = 44 + 50 + 51 + 82 + 100 \\
 327 &:= 4^4 + 5^1 + 6^0 + 8^2 + 9^0 = 44 + 51 + 60 + 82 + 90 \\
 327 &:= 4^4 + 5^1 + 7^0 + 8^0 + 8^2 = 44 + 51 + 70 + 80 + 82 \\
 327 &:= 5^1 + 5^1 + 6^0 + 6^3 + 10^2 = 51 + 51 + 60 + 63 + 102
 \end{aligned}$$

2.2.229 Number 328

$$\begin{aligned}
 328 &:= 3^5 + 8^2 + 21^1 = 35 + 82 + 211 \\
 328 &:= 1^0 + 3^5 + 8^2 + 20^1 = 10 + 35 + 82 + 201 \\
 328 &:= 1^2 + 3^3 + 11^1 + 17^2 = 12 + 33 + 111 + 172 \\
 328 &:= 1^3 + 7^1 + 8^2 + 16^2 = 13 + 71 + 82 + 162 \\
 328 &:= 1^5 + 2^1 + 11^0 + 18^2 = 15 + 21 + 110 + 182 \\
 328 &:= 2^2 + 6^2 + 12^2 + 12^2 = 22 + 62 + 122 + 122 \\
 328 &:= 2^2 + 8^2 + 8^2 + 14^2 = 22 + 82 + 82 + 142 \\
 328 &:= 2^5 + 6^1 + 7^0 + 17^2 = 25 + 61 + 70 + 172 \\
 328 &:= 3^1 + 3^5 + 9^2 + 17^0 = 31 + 35 + 92 + 170 \\
 328 &:= 3^3 + 5^1 + 10^2 + 14^2 = 33 + 51 + 102 + 142 \\
 328 &:= 4^2 + 4^2 + 10^2 + 14^2 = 42 + 42 + 102 + 142 \\
 328 &:= 4^3 + 4^4 + 7^1 + 17^0 = 43 + 44 + 71 + 170 \\
 328 &:= 5^2 + 5^3 + 9^1 + 13^2 = 52 + 53 + 91 + 132 \\
 328 &:= 6^2 + 6^3 + 8^2 + 12^1 = 62 + 63 + 82 + 121 \\
 328 &:= 1^0 + 1^0 + 1^6 + 11^0 + 18^2 = 10 + 10 + 16 + 110 + 182 \\
 328 &:= 1^0 + 1^0 + 3^5 + 8^2 + 19^1 = 10 + 10 + 35 + 82 + 191 \\
 328 &:= 1^0 + 1^1 + 1^5 + 11^0 + 18^2 = 10 + 11 + 15 + 110 + 182 \\
 328 &:= 1^0 + 1^2 + 1^4 + 11^0 + 18^2 = 10 + 12 + 14 + 110 + 182 \\
 328 &:= 1^0 + 1^2 + 3^3 + 10^1 + 17^2 = 10 + 12 + 33 + 101 + 172 \\
 328 &:= 1^0 + 1^2 + 6^2 + 11^2 + 13^2 = 10 + 12 + 62 + 112 + 132
 \end{aligned}$$

$$\begin{aligned}
 328 &:= 1^0 + 1^2 + 7^2 + 9^2 + 14^2 = 10 + 12 + 72 + 92 + 142 \\
 328 &:= 1^0 + 1^3 + 1^3 + 11^0 + 18^2 = 10 + 13 + 13 + 110 + 182 \\
 328 &:= 1^0 + 1^3 + 6^1 + 8^2 + 16^2 = 10 + 13 + 61 + 82 + 162 \\
 328 &:= 1^0 + 1^4 + 5^0 + 10^2 + 15^2 = 10 + 14 + 50 + 102 + 152 \\
 328 &:= 1^0 + 1^4 + 6^2 + 7^0 + 17^2 = 10 + 14 + 62 + 70 + 172 \\
 328 &:= 1^0 + 1^6 + 2^0 + 10^0 + 18^2 = 10 + 16 + 20 + 100 + 182 \\
 328 &:= 1^0 + 1^6 + 3^0 + 9^0 + 18^2 = 10 + 16 + 30 + 90 + 182 \\
 328 &:= 1^0 + 1^6 + 4^0 + 8^0 + 18^2 = 10 + 16 + 40 + 80 + 182 \\
 328 &:= 1^0 + 1^6 + 5^0 + 7^0 + 18^2 = 10 + 16 + 50 + 70 + 182 \\
 328 &:= 1^0 + 1^6 + 6^0 + 6^0 + 18^2 = 10 + 16 + 60 + 60 + 182 \\
 328 &:= 1^0 + 1^7 + 1^9 + 10^0 + 18^2 = 10 + 17 + 19 + 100 + 182 \\
 328 &:= 1^0 + 1^8 + 1^8 + 10^0 + 18^2 = 10 + 18 + 18 + 100 + 182 \\
 328 &:= 1^0 + 2^1 + 3^5 + 9^2 + 17^0 = 10 + 21 + 35 + 92 + 170 \\
 328 &:= 1^0 + 2^2 + 7^2 + 7^2 + 15^2 = 10 + 22 + 72 + 72 + 152 \\
 328 &:= 1^0 + 2^5 + 5^1 + 7^0 + 17^2 = 10 + 25 + 51 + 70 + 172 \\
 328 &:= 1^0 + 3^3 + 4^1 + 10^2 + 14^2 = 10 + 33 + 41 + 102 + 142 \\
 328 &:= 1^0 + 3^4 + 7^0 + 7^2 + 14^2 = 10 + 34 + 70 + 72 + 142 \\
 328 &:= 1^0 + 4^3 + 4^4 + 6^1 + 17^0 = 10 + 43 + 44 + 61 + 170 \\
 328 &:= 1^0 + 5^2 + 5^3 + 8^1 + 13^2 = 10 + 52 + 53 + 81 + 132 \\
 328 &:= 1^0 + 6^2 + 6^3 + 8^2 + 11^1 = 10 + 62 + 63 + 82 + 111
 \end{aligned}$$

$$\begin{aligned} 328 &:= 1^1 + 1^1 + 1^4 + 11^0 + 18^2 = 11 + 11 + 14 + 110 + 182 \\ 328 &:= 1^1 + 1^1 + 3^3 + 10^1 + 17^2 = 11 + 11 + 33 + 101 + 172 \\ 328 &:= 1^1 + 1^1 + 6^2 + 11^2 + 13^2 = 11 + 11 + 62 + 112 + 132 \\ 328 &:= 1^1 + 1^1 + 7^2 + 9^2 + 14^2 = 11 + 11 + 72 + 92 + 142 \\ 328 &:= 1^1 + 1^2 + 1^3 + 11^0 + 18^2 = 11 + 12 + 13 + 110 + 182 \\ 328 &:= 1^1 + 1^2 + 6^1 + 8^2 + 16^2 = 11 + 12 + 61 + 82 + 162 \\ 328 &:= 1^1 + 1^3 + 5^0 + 10^2 + 15^2 = 11 + 13 + 50 + 102 + 152 \\ 328 &:= 1^1 + 1^3 + 6^2 + 7^0 + 17^2 = 11 + 13 + 62 + 70 + 172 \\ 328 &:= 1^1 + 1^5 + 2^0 + 10^0 + 18^2 = 11 + 15 + 20 + 100 + 182 \\ 328 &:= 1^1 + 1^5 + 3^0 + 9^0 + 18^2 = 11 + 15 + 30 + 90 + 182 \\ 328 &:= 1^1 + 1^5 + 4^0 + 8^0 + 18^2 = 11 + 15 + 40 + 80 + 182 \\ 328 &:= 1^1 + 1^5 + 5^0 + 7^0 + 18^2 = 11 + 15 + 50 + 70 + 182 \\ 328 &:= 1^1 + 1^5 + 6^0 + 6^0 + 18^2 = 11 + 15 + 60 + 60 + 182 \\ 328 &:= 1^1 + 1^6 + 1^9 + 10^0 + 18^2 = 11 + 16 + 19 + 100 + 182 \\ 328 &:= 1^1 + 1^7 + 1^8 + 10^0 + 18^2 = 11 + 17 + 18 + 100 + 182 \\ 328 &:= 1^1 + 2^1 + 3^3 + 9^1 + 17^2 = 11 + 21 + 33 + 91 + 172 \\ 328 &:= 1^1 + 2^1 + 6^2 + 8^2 + 15^2 = 11 + 21 + 62 + 82 + 152 \\ 328 &:= 1^1 + 3^1 + 3^3 + 8^1 + 17^2 = 11 + 31 + 33 + 81 + 172 \\ 328 &:= 1^1 + 3^3 + 4^1 + 7^1 + 17^2 = 11 + 33 + 41 + 71 + 172 \\ 328 &:= 1^1 + 3^3 + 5^1 + 6^1 + 17^2 = 11 + 33 + 51 + 61 + 172 \\ 328 &:= 1^1 + 4^2 + 4^2 + 6^1 + 17^2 = 11 + 42 + 42 + 61 + 172 \\ 328 &:= 1^1 + 4^4 + 6^1 + 8^2 + 13^0 = 11 + 44 + 61 + 82 + 130 \\ 328 &:= 1^2 + 1^2 + 1^2 + 11^0 + 18^2 = 12 + 12 + 12 + 110 + 182 \\ 328 &:= 1^2 + 1^2 + 5^0 + 10^2 + 15^2 = 12 + 12 + 50 + 102 + 152 \\ 328 &:= 1^2 + 1^2 + 6^2 + 7^0 + 17^2 = 12 + 12 + 62 + 70 + 172 \\ 328 &:= 1^2 + 1^4 + 2^0 + 10^0 + 18^2 = 12 + 14 + 20 + 100 + 182 \\ 328 &:= 1^2 + 1^4 + 3^0 + 9^0 + 18^2 = 12 + 14 + 30 + 90 + 182 \\ 328 &:= 1^2 + 1^4 + 4^0 + 8^0 + 18^2 = 12 + 14 + 40 + 80 + 182 \\ 328 &:= 1^2 + 1^4 + 5^0 + 7^0 + 18^2 = 12 + 14 + 50 + 70 + 182 \\ 328 &:= 1^2 + 1^4 + 6^0 + 6^0 + 18^2 = 12 + 14 + 60 + 60 + 182 \\ 328 &:= 1^2 + 1^5 + 1^9 + 10^0 + 18^2 = 12 + 15 + 19 + 100 + 182 \\ 328 &:= 1^2 + 1^6 + 1^8 + 10^0 + 18^2 = 12 + 16 + 18 + 100 + 182 \\ 328 &:= 1^2 + 1^7 + 1^7 + 10^0 + 18^2 = 12 + 17 + 17 + 100 + 182 \\ 328 &:= 1^2 + 2^1 + 5^1 + 8^2 + 16^2 = 12 + 21 + 51 + 82 + 162 \\ 328 &:= 1^2 + 3^0 + 3^2 + 11^2 + 14^2 = 12 + 30 + 32 + 112 + 142 \\ 328 &:= 1^2 + 3^1 + 4^1 + 8^2 + 16^2 = 12 + 31 + 41 + 82 + 162 \\ 328 &:= 1^2 + 4^3 + 5^0 + 6^1 + 16^2 = 12 + 43 + 50 + 61 + 162 \\ 328 &:= 1^2 + 5^0 + 6^3 + 10^1 + 10^2 = 12 + 50 + 63 + 101 + 102 \end{aligned}$$

$$\begin{aligned} 328 &:= 1^2 + 5^1 + 5^3 + 7^0 + 14^2 = 12 + 51 + 53 + 70 + 142 \\ 328 &:= 1^3 + 1^3 + 2^0 + 10^0 + 18^2 = 13 + 13 + 20 + 100 + 182 \\ 328 &:= 1^3 + 1^3 + 3^0 + 9^0 + 18^2 = 13 + 13 + 30 + 90 + 182 \\ 328 &:= 1^3 + 1^3 + 4^0 + 8^0 + 18^2 = 13 + 13 + 40 + 80 + 182 \\ 328 &:= 1^3 + 1^3 + 5^0 + 7^0 + 18^2 = 13 + 13 + 50 + 70 + 182 \\ 328 &:= 1^3 + 1^3 + 6^0 + 6^0 + 18^2 = 13 + 13 + 60 + 60 + 182 \\ 328 &:= 1^3 + 1^4 + 1^9 + 10^0 + 18^2 = 13 + 14 + 19 + 100 + 182 \\ 328 &:= 1^3 + 1^5 + 1^8 + 10^0 + 18^2 = 13 + 15 + 18 + 100 + 182 \\ 328 &:= 1^3 + 1^6 + 1^7 + 10^0 + 18^2 = 13 + 16 + 17 + 100 + 182 \\ 328 &:= 1^3 + 2^6 + 2^8 + 6^1 + 20^0 = 13 + 26 + 28 + 61 + 200 \\ 328 &:= 1^4 + 1^4 + 1^8 + 10^0 + 18^2 = 14 + 14 + 18 + 100 + 182 \\ 328 &:= 1^4 + 1^5 + 1^7 + 10^0 + 18^2 = 14 + 15 + 17 + 100 + 182 \\ 328 &:= 1^4 + 1^6 + 1^6 + 10^0 + 18^2 = 14 + 16 + 16 + 100 + 182 \\ 328 &:= 1^4 + 2^0 + 4^0 + 10^2 + 15^2 = 14 + 20 + 40 + 102 + 152 \\ 328 &:= 1^4 + 2^0 + 6^0 + 6^2 + 17^2 = 14 + 20 + 60 + 62 + 172 \\ 328 &:= 1^4 + 3^0 + 3^0 + 10^2 + 15^2 = 14 + 30 + 30 + 102 + 152 \\ 328 &:= 1^4 + 3^0 + 5^0 + 6^2 + 17^2 = 14 + 30 + 50 + 62 + 172 \\ 328 &:= 1^4 + 4^0 + 4^0 + 6^2 + 17^2 = 14 + 40 + 40 + 62 + 172 \\ 328 &:= 1^5 + 1^5 + 1^6 + 10^0 + 18^2 = 15 + 15 + 16 + 100 + 182 \\ 328 &:= 1^5 + 1^9 + 4^0 + 10^2 + 15^2 = 15 + 19 + 40 + 102 + 152 \\ 328 &:= 1^5 + 1^9 + 6^0 + 6^2 + 17^2 = 15 + 19 + 60 + 62 + 172 \\ 328 &:= 1^6 + 1^8 + 4^0 + 10^2 + 15^2 = 16 + 18 + 40 + 102 + 152 \\ 328 &:= 1^6 + 1^8 + 6^0 + 6^2 + 17^2 = 16 + 18 + 60 + 62 + 172 \\ 328 &:= 1^6 + 2^0 + 2^0 + 9^0 + 18^2 = 16 + 20 + 20 + 90 + 182 \\ 328 &:= 1^6 + 2^0 + 3^0 + 8^0 + 18^2 = 16 + 20 + 30 + 80 + 182 \\ 328 &:= 1^6 + 2^0 + 4^0 + 7^0 + 18^2 = 16 + 20 + 40 + 70 + 182 \\ 328 &:= 1^6 + 2^0 + 5^0 + 6^0 + 18^2 = 16 + 20 + 50 + 60 + 182 \\ 328 &:= 1^6 + 2^6 + 3^5 + 6^0 + 19^1 = 16 + 26 + 35 + 60 + 191 \\ 328 &:= 1^6 + 2^8 + 4^3 + 6^1 + 18^0 = 16 + 28 + 43 + 61 + 180 \\ 328 &:= 1^6 + 3^0 + 3^0 + 7^0 + 18^2 = 16 + 30 + 30 + 70 + 182 \\ 328 &:= 1^6 + 3^0 + 4^0 + 6^0 + 18^2 = 16 + 30 + 40 + 60 + 182 \\ 328 &:= 1^6 + 3^0 + 5^0 + 5^0 + 18^2 = 16 + 30 + 50 + 50 + 182 \\ 328 &:= 1^6 + 4^0 + 4^0 + 5^0 + 18^2 = 16 + 40 + 40 + 50 + 182 \\ 328 &:= 1^7 + 1^7 + 4^0 + 10^2 + 15^2 = 17 + 17 + 40 + 102 + 152 \\ 328 &:= 1^7 + 1^7 + 6^0 + 6^2 + 17^2 = 17 + 17 + 60 + 62 + 172 \\ 328 &:= 1^7 + 1^9 + 2^0 + 9^0 + 18^2 = 17 + 19 + 20 + 90 + 182 \\ 328 &:= 1^7 + 1^9 + 3^0 + 8^0 + 18^2 = 17 + 19 + 30 + 80 + 182 \\ 328 &:= 1^7 + 1^9 + 4^0 + 7^0 + 18^2 = 17 + 19 + 40 + 70 + 182 \end{aligned}$$

$$\begin{aligned}
 328 &:= 1^7 + 1^9 + 5^0 + 6^0 + 18^2 = 17 + 19 + 50 + 60 + 182 \\
 328 &:= 1^7 + 2^6 + 4^4 + 6^1 + 18^0 = 17 + 26 + 44 + 61 + 180 \\
 328 &:= 1^7 + 2^8 + 6^1 + 8^2 + 14^0 = 17 + 28 + 61 + 82 + 140 \\
 328 &:= 1^8 + 1^8 + 2^0 + 9^0 + 18^2 = 18 + 18 + 20 + 90 + 182 \\
 328 &:= 1^8 + 1^8 + 3^0 + 8^0 + 18^2 = 18 + 18 + 30 + 80 + 182 \\
 328 &:= 1^8 + 1^8 + 4^0 + 7^0 + 18^2 = 18 + 18 + 40 + 70 + 182 \\
 328 &:= 1^8 + 1^8 + 5^0 + 6^0 + 18^2 = 18 + 18 + 50 + 60 + 182 \\
 328 &:= 1^8 + 1^9 + 1^9 + 9^0 + 18^2 = 18 + 19 + 19 + 90 + 182 \\
 328 &:= 1^8 + 2^1 + 2^7 + 12^0 + 14^2 = 18 + 21 + 27 + 120 + 142 \\
 328 &:= 1^8 + 2^1 + 3^4 + 3^5 + 22^0 = 18 + 21 + 34 + 35 + 220 \\
 328 &:= 1^8 + 2^5 + 5^3 + 10^0 + 13^2 = 18 + 25 + 53 + 100 + 132 \\
 328 &:= 1^9 + 2^6 + 6^0 + 6^1 + 16^2 = 19 + 26 + 60 + 61 + 162 \\
 328 &:= 1^9 + 3^5 + 4^0 + 4^3 + 19^1 = 19 + 35 + 40 + 43 + 191 \\
 328 &:= 2^0 + 2^1 + 3^5 + 9^2 + 16^0 = 20 + 21 + 35 + 92 + 160 \\
 328 &:= 2^0 + 2^4 + 2^5 + 2^8 + 23^1 = 20 + 24 + 25 + 28 + 231 \\
 328 &:= 2^0 + 2^5 + 5^1 + 6^0 + 17^2 = 20 + 25 + 51 + 60 + 172 \\
 328 &:= 2^0 + 3^4 + 6^0 + 7^2 + 14^2 = 20 + 34 + 60 + 72 + 142 \\
 328 &:= 2^0 + 4^3 + 4^4 + 6^1 + 16^0 = 20 + 43 + 44 + 61 + 160 \\
 328 &:= 2^1 + 2^1 + 3^3 + 8^1 + 17^2 = 21 + 21 + 33 + 81 + 172 \\
 328 &:= 2^1 + 2^2 + 5^3 + 9^0 + 14^2 = 21 + 22 + 53 + 90 + 142 \\
 328 &:= 2^1 + 2^3 + 3^0 + 11^2 + 14^2 = 21 + 23 + 30 + 112 + 142 \\
 328 &:= 2^1 + 3^0 + 3^5 + 9^2 + 15^0 = 21 + 30 + 35 + 92 + 150 \\
 328 &:= 2^1 + 3^1 + 3^3 + 7^1 + 17^2 = 21 + 31 + 33 + 71 + 172 \\
 328 &:= 2^1 + 3^2 + 3^3 + 7^0 + 17^2 = 21 + 32 + 33 + 70 + 172 \\
 328 &:= 2^1 + 3^2 + 6^3 + 10^2 + 11^0 = 21 + 32 + 63 + 102 + 110 \\
 328 &:= 2^1 + 3^3 + 4^1 + 6^1 + 17^2 = 21 + 33 + 41 + 61 + 172 \\
 328 &:= 2^1 + 3^3 + 5^1 + 5^1 + 17^2 = 21 + 33 + 51 + 51 + 172 \\
 328 &:= 2^1 + 3^5 + 4^0 + 9^2 + 14^0 = 21 + 35 + 40 + 92 + 140 \\
 328 &:= 2^1 + 3^5 + 5^0 + 9^2 + 13^0 = 21 + 35 + 50 + 92 + 130 \\
 328 &:= 2^1 + 3^5 + 6^0 + 9^2 + 12^0 = 21 + 35 + 60 + 92 + 120 \\
 328 &:= 2^1 + 3^5 + 7^0 + 9^2 + 11^0 = 21 + 35 + 70 + 92 + 110
 \end{aligned}$$

$$\begin{aligned}
 328 &:= 2^1 + 3^5 + 8^0 + 9^2 + 10^0 = 21 + 35 + 80 + 92 + 100 \\
 328 &:= 2^1 + 3^5 + 9^0 + 9^0 + 9^2 = 21 + 35 + 90 + 90 + 92 \\
 328 &:= 2^1 + 4^2 + 4^2 + 5^1 + 17^2 = 21 + 42 + 42 + 51 + 172 \\
 328 &:= 2^1 + 4^3 + 5^0 + 6^2 + 15^2 = 21 + 43 + 50 + 62 + 152 \\
 328 &:= 2^1 + 4^4 + 5^1 + 8^2 + 13^0 = 21 + 44 + 51 + 82 + 130 \\
 328 &:= 2^1 + 5^0 + 5^3 + 10^2 + 10^2 = 21 + 50 + 53 + 102 + 102 \\
 328 &:= 2^2 + 3^0 + 3^3 + 7^1 + 17^2 = 22 + 30 + 33 + 71 + 172 \\
 328 &:= 2^2 + 3^1 + 4^3 + 7^0 + 16^2 = 22 + 31 + 43 + 70 + 162 \\
 328 &:= 2^2 + 3^2 + 5^0 + 5^2 + 17^2 = 22 + 32 + 50 + 52 + 172 \\
 328 &:= 2^2 + 6^3 + 7^0 + 7^1 + 10^2 = 22 + 63 + 70 + 71 + 102 \\
 328 &:= 2^3 + 3^0 + 5^1 + 5^2 + 17^2 = 23 + 30 + 51 + 52 + 172 \\
 328 &:= 2^5 + 3^0 + 5^0 + 5^1 + 17^2 = 25 + 30 + 50 + 51 + 172 \\
 328 &:= 2^5 + 4^0 + 4^0 + 5^1 + 17^2 = 25 + 40 + 40 + 51 + 172 \\
 328 &:= 2^7 + 2^7 + 4^3 + 7^1 + 16^0 = 27 + 27 + 43 + 71 + 160 \\
 328 &:= 3^0 + 3^1 + 4^3 + 8^2 + 14^2 = 30 + 31 + 43 + 82 + 142 \\
 328 &:= 3^0 + 3^4 + 5^0 + 7^2 + 14^2 = 30 + 34 + 50 + 72 + 142 \\
 328 &:= 3^0 + 4^3 + 4^4 + 6^1 + 15^0 = 30 + 43 + 44 + 61 + 150 \\
 328 &:= 3^1 + 3^1 + 3^3 + 6^1 + 17^2 = 31 + 31 + 33 + 61 + 172 \\
 328 &:= 3^1 + 3^3 + 4^1 + 5^1 + 17^2 = 31 + 33 + 41 + 51 + 172 \\
 328 &:= 3^1 + 4^1 + 4^2 + 4^2 + 17^2 = 31 + 41 + 42 + 42 + 172 \\
 328 &:= 3^1 + 4^1 + 4^4 + 8^2 + 13^0 = 31 + 41 + 44 + 82 + 130 \\
 328 &:= 3^3 + 4^1 + 4^1 + 4^1 + 17^2 = 33 + 41 + 41 + 41 + 172 \\
 328 &:= 3^4 + 4^0 + 4^0 + 7^2 + 14^2 = 34 + 40 + 40 + 72 + 142 \\
 328 &:= 4^0 + 4^3 + 4^4 + 6^1 + 14^0 = 40 + 43 + 44 + 61 + 140 \\
 328 &:= 4^3 + 4^4 + 5^0 + 6^1 + 13^0 = 43 + 44 + 50 + 61 + 130 \\
 328 &:= 4^3 + 4^4 + 6^0 + 6^1 + 12^0 = 43 + 44 + 60 + 61 + 120 \\
 328 &:= 4^3 + 4^4 + 6^1 + 7^0 + 11^0 = 43 + 44 + 61 + 70 + 110 \\
 328 &:= 4^3 + 4^4 + 6^1 + 8^0 + 10^0 = 43 + 44 + 61 + 80 + 100 \\
 328 &:= 4^3 + 4^4 + 6^1 + 9^0 + 9^0 = 43 + 44 + 61 + 90 + 90 \\
 328 &:= 5^1 + 5^2 + 6^3 + 7^0 + 9^2 = 51 + 52 + 63 + 70 + 92
 \end{aligned}$$

2.2.230 Number 329

$$\begin{aligned}
 329 &:= 1^6 + 3^1 + 10^0 + 18^2 = 16 + 31 + 100 + 182 \\
 329 &:= 2^2 + 3^5 + 9^2 + 18^0 = 22 + 35 + 92 + 180 \\
 329 &:= 2^3 + 4^4 + 8^2 + 18^0 = 23 + 44 + 82 + 180 \\
 329 &:= 2^5 + 6^0 + 10^2 + 14^2 = 25 + 60 + 102 + 142
 \end{aligned}$$

$$\begin{aligned}
 329 &:= 2^6 + 6^0 + 8^1 + 16^2 = 26 + 60 + 81 + 162 \\
 329 &:= 3^5 + 4^0 + 4^3 + 21^1 = 35 + 40 + 43 + 211 \\
 329 &:= 3^5 + 6^2 + 7^2 + 16^0 = 35 + 62 + 72 + 160 \\
 329 &:= 1^0 + 1^6 + 2^1 + 10^0 + 18^2 = 10 + 16 + 21 + 100 + 182
 \end{aligned}$$

$$\begin{aligned} 329 &:= 1^0 + 2^6 + 6^0 + 7^1 + 16^2 = 10 + 26 + 60 + 71 + 162 \\ 329 &:= 1^0 + 3^4 + 5^3 + 11^2 + 12^0 = 10 + 34 + 53 + 112 + 120 \\ 329 &:= 1^0 + 3^5 + 4^0 + 4^3 + 20^1 = 10 + 35 + 40 + 43 + 201 \\ 329 &:= 1^1 + 1^5 + 2^1 + 10^0 + 18^2 = 11 + 15 + 21 + 100 + 182 \\ 329 &:= 1^1 + 2^4 + 2^5 + 2^8 + 24^1 = 11 + 24 + 25 + 28 + 241 \\ 329 &:= 1^1 + 2^5 + 6^0 + 6^1 + 17^2 = 11 + 25 + 60 + 61 + 172 \\ 329 &:= 1^1 + 3^1 + 3^5 + 9^2 + 16^0 = 11 + 31 + 35 + 92 + 160 \\ 329 &:= 1^1 + 4^3 + 4^4 + 7^1 + 16^0 = 11 + 43 + 44 + 71 + 160 \\ 329 &:= 1^2 + 1^4 + 2^1 + 10^0 + 18^2 = 12 + 14 + 21 + 100 + 182 \\ 329 &:= 1^2 + 4^4 + 7^1 + 8^2 + 12^0 = 12 + 44 + 71 + 82 + 120 \\ 329 &:= 1^2 + 5^3 + 6^0 + 9^2 + 11^2 = 12 + 53 + 60 + 92 + 112 \\ 329 &:= 1^3 + 1^3 + 2^1 + 10^0 + 18^2 = 13 + 13 + 21 + 100 + 182 \\ 329 &:= 1^3 + 2^6 + 2^7 + 11^2 + 15^1 = 13 + 26 + 27 + 112 + 151 \\ 329 &:= 1^3 + 4^0 + 4^3 + 7^1 + 16^2 = 13 + 40 + 43 + 71 + 162 \\ 329 &:= 1^3 + 4^0 + 6^3 + 10^2 + 11^1 = 13 + 40 + 63 + 102 + 111 \\ 329 &:= 1^3 + 5^3 + 6^0 + 6^1 + 14^2 = 13 + 53 + 60 + 61 + 142 \\ 329 &:= 1^4 + 2^1 + 4^0 + 10^2 + 15^2 = 14 + 21 + 40 + 102 + 152 \\ 329 &:= 1^4 + 2^1 + 6^0 + 6^2 + 17^2 = 14 + 21 + 60 + 62 + 172 \\ 329 &:= 1^4 + 2^4 + 2^8 + 6^2 + 20^1 = 14 + 24 + 28 + 62 + 201 \\ 329 &:= 1^4 + 2^6 + 2^8 + 7^1 + 19^0 = 14 + 26 + 28 + 71 + 190 \\ 329 &:= 1^5 + 2^8 + 3^3 + 5^2 + 20^1 = 15 + 28 + 33 + 52 + 201 \\ 329 &:= 1^6 + 2^0 + 2^1 + 9^0 + 18^2 = 16 + 20 + 21 + 90 + 182 \\ 329 &:= 1^6 + 2^1 + 3^0 + 8^0 + 18^2 = 16 + 21 + 30 + 80 + 182 \\ 329 &:= 1^6 + 2^1 + 4^0 + 7^0 + 18^2 = 16 + 21 + 40 + 70 + 182 \\ 329 &:= 1^6 + 2^1 + 5^0 + 6^0 + 18^2 = 16 + 21 + 50 + 60 + 182 \\ 329 &:= 1^6 + 2^2 + 2^8 + 7^2 + 19^1 = 16 + 22 + 28 + 72 + 191 \\ 329 &:= 1^7 + 1^9 + 2^1 + 9^0 + 18^2 = 17 + 19 + 21 + 90 + 182 \\ 329 &:= 1^7 + 2^6 + 3^5 + 5^0 + 20^1 = 17 + 26 + 35 + 50 + 201 \\ 329 &:= 1^7 + 2^6 + 8^2 + 10^2 + 10^2 = 17 + 26 + 82 + 102 + 102 \\ 329 &:= 1^7 + 2^8 + 4^3 + 7^1 + 17^0 = 17 + 28 + 43 + 71 + 170 \\ 329 &:= 1^8 + 1^8 + 2^1 + 9^0 + 18^2 = 18 + 18 + 21 + 90 + 182 \\ 329 &:= 1^8 + 2^5 + 6^2 + 8^2 + 14^2 = 18 + 25 + 62 + 82 + 142 \\ 329 &:= 1^8 + 2^6 + 4^4 + 7^1 + 17^0 = 18 + 26 + 44 + 71 + 170 \\ 329 &:= 1^8 + 2^8 + 7^1 + 8^2 + 13^0 = 18 + 28 + 71 + 82 + 130 \\ 329 &:= 1^9 + 2^2 + 3^5 + 8^2 + 17^1 = 19 + 22 + 35 + 82 + 171 \\ 329 &:= 1^9 + 2^4 + 4^2 + 10^2 + 14^2 = 19 + 24 + 42 + 102 + 142 \\ 329 &:= 1^9 + 2^7 + 3^1 + 11^0 + 14^2 = 19 + 27 + 31 + 110 + 142 \\ 329 &:= 1^9 + 3^1 + 3^4 + 3^5 + 21^0 = 19 + 31 + 34 + 35 + 210 \end{aligned}$$

$$\begin{aligned} 329 &:= 2^0 + 2^4 + 4^2 + 7^1 + 17^2 = 20 + 24 + 42 + 71 + 172 \\ 329 &:= 2^0 + 2^6 + 5^0 + 7^1 + 16^2 = 20 + 26 + 50 + 71 + 162 \\ 329 &:= 2^0 + 3^0 + 3^5 + 4^3 + 20^1 = 20 + 30 + 35 + 43 + 201 \\ 329 &:= 2^0 + 3^4 + 5^1 + 11^2 + 11^2 = 20 + 34 + 51 + 112 + 112 \\ 329 &:= 2^0 + 3^4 + 5^3 + 11^0 + 11^2 = 20 + 34 + 53 + 110 + 112 \\ 329 &:= 2^1 + 2^1 + 3^5 + 9^2 + 16^0 = 21 + 21 + 35 + 92 + 160 \\ 329 &:= 2^1 + 2^4 + 2^5 + 2^8 + 23^1 = 21 + 24 + 25 + 28 + 231 \\ 329 &:= 2^1 + 2^5 + 5^1 + 6^0 + 17^2 = 21 + 25 + 51 + 60 + 172 \\ 329 &:= 2^1 + 3^4 + 6^0 + 7^2 + 14^2 = 21 + 34 + 60 + 72 + 142 \\ 329 &:= 2^1 + 4^3 + 4^4 + 6^1 + 16^0 = 21 + 43 + 44 + 61 + 160 \\ 329 &:= 2^2 + 2^2 + 4^3 + 8^0 + 16^2 = 22 + 22 + 43 + 80 + 162 \\ 329 &:= 2^2 + 4^0 + 4^3 + 8^2 + 14^2 = 22 + 40 + 43 + 82 + 142 \\ 329 &:= 2^2 + 4^1 + 4^4 + 8^2 + 14^0 = 22 + 41 + 44 + 82 + 140 \\ 329 &:= 2^3 + 2^4 + 2^8 + 3^3 + 22^1 = 23 + 24 + 28 + 33 + 221 \\ 329 &:= 2^3 + 2^7 + 2^7 + 8^2 + 17^0 = 23 + 27 + 27 + 82 + 170 \\ 329 &:= 2^3 + 3^3 + 4^1 + 6^0 + 17^2 = 23 + 33 + 41 + 60 + 172 \\ 329 &:= 2^3 + 4^1 + 6^3 + 10^0 + 10^2 = 23 + 41 + 63 + 100 + 102 \\ 329 &:= 2^4 + 2^4 + 2^5 + 3^5 + 22^1 = 24 + 24 + 25 + 35 + 221 \\ 329 &:= 2^4 + 2^5 + 2^8 + 10^1 + 15^1 = 24 + 25 + 28 + 101 + 151 \\ 329 &:= 2^4 + 2^5 + 2^8 + 11^1 + 14^1 = 24 + 25 + 28 + 111 + 141 \\ 329 &:= 2^4 + 2^5 + 2^8 + 12^1 + 13^1 = 24 + 25 + 28 + 121 + 131 \\ 329 &:= 2^4 + 2^5 + 2^8 + 3^1 + 22^1 = 24 + 25 + 28 + 31 + 221 \\ 329 &:= 2^4 + 2^5 + 2^8 + 4^1 + 21^1 = 24 + 25 + 28 + 41 + 211 \\ 329 &:= 2^4 + 2^5 + 2^8 + 5^1 + 20^1 = 24 + 25 + 28 + 51 + 201 \\ 329 &:= 2^4 + 2^5 + 2^8 + 6^1 + 19^1 = 24 + 25 + 28 + 61 + 191 \\ 329 &:= 2^4 + 2^5 + 2^8 + 7^1 + 18^1 = 24 + 25 + 28 + 71 + 181 \\ 329 &:= 2^4 + 2^5 + 2^8 + 8^1 + 17^1 = 24 + 25 + 28 + 81 + 171 \\ 329 &:= 2^4 + 2^5 + 2^8 + 9^1 + 16^1 = 24 + 25 + 28 + 91 + 161 \\ 329 &:= 2^5 + 2^5 + 2^8 + 8^1 + 17^0 = 25 + 25 + 28 + 81 + 170 \\ 329 &:= 2^5 + 3^1 + 4^1 + 6^0 + 17^2 = 25 + 31 + 41 + 60 + 172 \\ 329 &:= 2^6 + 3^0 + 4^0 + 7^1 + 16^2 = 26 + 30 + 40 + 71 + 162 \\ 329 &:= 3^0 + 3^4 + 5^3 + 10^0 + 11^2 = 30 + 34 + 53 + 100 + 112 \\ 329 &:= 3^1 + 3^4 + 4^0 + 10^2 + 12^2 = 31 + 34 + 40 + 102 + 122 \\ 329 &:= 3^1 + 4^3 + 4^4 + 5^1 + 16^0 = 31 + 43 + 44 + 51 + 160 \\ 329 &:= 3^2 + 3^3 + 4^0 + 6^2 + 16^2 = 32 + 33 + 40 + 62 + 162 \\ 329 &:= 3^2 + 4^0 + 4^4 + 7^2 + 14^1 = 32 + 40 + 44 + 72 + 141 \\ 329 &:= 3^2 + 5^2 + 5^3 + 6^0 + 13^2 = 32 + 52 + 53 + 60 + 132 \\ 329 &:= 3^3 + 4^0 + 5^3 + 7^1 + 13^2 = 33 + 40 + 53 + 71 + 132 \end{aligned}$$

$$\begin{aligned} 329 &:= 3^3 + 4^1 + 6^3 + 9^2 + 10^0 = 33 + 41 + 63 + 92 + 100 \\ 329 &:= 3^4 + 4^0 + 4^2 + 6^1 + 15^2 = 34 + 40 + 42 + 61 + 152 \\ 329 &:= 3^4 + 4^0 + 5^3 + 9^0 + 11^2 = 34 + 40 + 53 + 90 + 112 \\ 329 &:= 3^4 + 5^0 + 5^3 + 8^0 + 11^2 = 34 + 50 + 53 + 80 + 112 \\ 329 &:= 3^4 + 5^3 + 6^0 + 7^0 + 11^2 = 34 + 53 + 60 + 70 + 112 \\ 329 &:= 4^0 + 4^3 + 6^2 + 6^3 + 12^1 = 40 + 43 + 62 + 63 + 121 \end{aligned}$$

$$\begin{aligned} 329 &:= 4^1 + 4^1 + 4^3 + 4^4 + 16^0 = 41 + 41 + 43 + 44 + 160 \\ 329 &:= 4^1 + 4^3 + 4^3 + 6^0 + 14^2 = 41 + 43 + 43 + 60 + 142 \\ 329 &:= 4^2 + 4^4 + 7^1 + 7^2 + 10^0 = 42 + 44 + 71 + 72 + 100 \\ 329 &:= 4^4 + 5^2 + 6^0 + 6^2 + 11^1 = 44 + 52 + 60 + 62 + 111 \end{aligned}$$

2.2.231 Number 330

$$\begin{aligned} 330 &:= 1^4 + 8^2 + 11^2 + 12^2 = 14 + 82 + 112 + 122 \\ 330 &:= 1^6 + 2^2 + 11^0 + 18^2 = 16 + 22 + 110 + 182 \\ 330 &:= 1^7 + 4^1 + 9^0 + 18^2 = 17 + 41 + 90 + 182 \\ 330 &:= 2^2 + 3^5 + 8^2 + 19^1 = 22 + 35 + 82 + 191 \\ 330 &:= 2^3 + 2^5 + 11^0 + 17^2 = 23 + 25 + 110 + 172 \\ 330 &:= 2^4 + 7^2 + 11^2 + 12^2 = 24 + 72 + 112 + 122 \\ 330 &:= 2^4 + 8^2 + 9^2 + 13^2 = 24 + 82 + 92 + 132 \\ 330 &:= 2^5 + 6^3 + 9^2 + 15^0 = 25 + 63 + 92 + 150 \\ 330 &:= 2^6 + 3^2 + 11^0 + 16^2 = 26 + 32 + 110 + 162 \\ 330 &:= 2^6 + 7^0 + 11^2 + 12^2 = 26 + 70 + 112 + 122 \\ 330 &:= 2^7 + 5^1 + 11^0 + 14^2 = 27 + 51 + 110 + 142 \\ 330 &:= 3^4 + 3^5 + 5^1 + 21^0 = 34 + 35 + 51 + 210 \\ 330 &:= 1^0 + 1^7 + 3^1 + 9^0 + 18^2 = 10 + 17 + 31 + 90 + 182 \\ 330 &:= 1^0 + 2^2 + 3^5 + 8^2 + 18^1 = 10 + 22 + 35 + 82 + 181 \\ 330 &:= 1^0 + 2^3 + 4^3 + 4^4 + 21^0 = 10 + 23 + 43 + 44 + 210 \\ 330 &:= 1^0 + 2^4 + 5^2 + 12^2 + 12^2 = 10 + 24 + 52 + 122 + 122 \\ 330 &:= 1^0 + 2^4 + 6^2 + 9^2 + 14^2 = 10 + 24 + 62 + 92 + 142 \\ 330 &:= 1^0 + 2^7 + 4^1 + 11^0 + 14^2 = 10 + 27 + 41 + 110 + 142 \\ 330 &:= 1^0 + 3^4 + 3^5 + 4^1 + 21^0 = 10 + 34 + 35 + 41 + 210 \\ 330 &:= 1^1 + 1^6 + 3^1 + 9^0 + 18^2 = 11 + 16 + 31 + 90 + 182 \\ 330 &:= 1^1 + 2^2 + 3^5 + 9^2 + 17^0 = 11 + 22 + 35 + 92 + 170 \\ 330 &:= 1^1 + 2^3 + 4^4 + 8^2 + 17^0 = 11 + 23 + 44 + 82 + 170 \\ 330 &:= 1^1 + 2^3 + 5^2 + 10^2 + 14^2 = 11 + 23 + 52 + 102 + 142 \\ 330 &:= 1^1 + 2^4 + 4^2 + 8^1 + 17^2 = 11 + 24 + 42 + 81 + 172 \\ 330 &:= 1^1 + 2^5 + 5^0 + 10^2 + 14^2 = 11 + 25 + 50 + 102 + 142 \\ 330 &:= 1^1 + 2^6 + 5^0 + 8^1 + 16^2 = 11 + 26 + 50 + 81 + 162 \\ 330 &:= 1^1 + 3^0 + 3^5 + 4^3 + 21^1 = 11 + 30 + 35 + 43 + 211 \\ 330 &:= 1^1 + 3^3 + 5^2 + 9^2 + 14^2 = 11 + 33 + 52 + 92 + 142 \\ 330 &:= 1^1 + 3^4 + 6^1 + 11^2 + 11^2 = 11 + 34 + 61 + 112 + 112 \\ 330 &:= 1^1 + 3^5 + 6^2 + 7^2 + 15^0 = 11 + 35 + 62 + 72 + 150 \end{aligned}$$

$$\begin{aligned} 330 &:= 1^2 + 1^5 + 3^1 + 9^0 + 18^2 = 12 + 15 + 31 + 90 + 182 \\ 330 &:= 1^2 + 2^2 + 3^3 + 9^1 + 17^2 = 12 + 22 + 33 + 91 + 172 \\ 330 &:= 1^2 + 2^2 + 6^2 + 8^2 + 15^2 = 12 + 22 + 62 + 82 + 152 \\ 330 &:= 1^2 + 2^3 + 4^1 + 11^2 + 14^2 = 12 + 23 + 41 + 112 + 142 \\ 330 &:= 1^2 + 2^3 + 4^3 + 9^0 + 16^2 = 12 + 23 + 43 + 90 + 162 \\ 330 &:= 1^2 + 2^3 + 5^2 + 7^1 + 17^2 = 12 + 23 + 52 + 71 + 172 \\ 330 &:= 1^2 + 2^5 + 5^0 + 7^1 + 17^2 = 12 + 25 + 50 + 71 + 172 \\ 330 &:= 1^2 + 3^5 + 4^1 + 9^2 + 15^0 = 12 + 35 + 41 + 92 + 150 \\ 330 &:= 1^2 + 4^3 + 4^4 + 8^1 + 15^0 = 12 + 43 + 44 + 81 + 150 \\ 330 &:= 1^2 + 4^3 + 5^1 + 8^2 + 14^2 = 12 + 43 + 51 + 82 + 142 \\ 330 &:= 1^2 + 4^4 + 6^2 + 6^2 + 15^0 = 12 + 44 + 62 + 62 + 150 \\ 330 &:= 1^3 + 1^4 + 3^1 + 9^0 + 18^2 = 13 + 14 + 31 + 90 + 182 \\ 330 &:= 1^3 + 2^2 + 5^1 + 8^2 + 16^2 = 13 + 22 + 51 + 82 + 162 \\ 330 &:= 1^3 + 2^3 + 2^6 + 2^8 + 24^0 = 13 + 23 + 26 + 28 + 240 \\ 330 &:= 1^3 + 2^3 + 5^0 + 8^2 + 16^2 = 13 + 23 + 50 + 82 + 162 \\ 330 &:= 1^3 + 3^1 + 3^2 + 11^2 + 14^2 = 13 + 31 + 32 + 112 + 142 \\ 330 &:= 1^3 + 3^2 + 5^2 + 6^1 + 17^2 = 13 + 32 + 52 + 61 + 172 \\ 330 &:= 1^3 + 4^4 + 8^1 + 8^2 + 11^0 = 13 + 44 + 81 + 82 + 110 \\ 330 &:= 1^4 + 3^0 + 4^3 + 8^1 + 16^2 = 14 + 30 + 43 + 81 + 162 \\ 330 &:= 1^4 + 3^0 + 6^2 + 6^2 + 16^2 = 14 + 30 + 62 + 62 + 162 \\ 330 &:= 1^4 + 3^0 + 6^3 + 10^2 + 12^1 = 14 + 30 + 63 + 102 + 121 \\ 330 &:= 1^4 + 5^0 + 5^3 + 7^1 + 14^2 = 14 + 50 + 53 + 71 + 142 \\ 330 &:= 1^5 + 2^6 + 2^8 + 8^1 + 18^0 = 15 + 26 + 28 + 81 + 180 \\ 330 &:= 1^5 + 3^0 + 3^1 + 10^2 + 15^2 = 15 + 30 + 31 + 102 + 152 \\ 330 &:= 1^5 + 3^1 + 5^0 + 6^2 + 17^2 = 15 + 31 + 50 + 62 + 172 \\ 330 &:= 1^6 + 2^1 + 2^1 + 9^0 + 18^2 = 16 + 21 + 21 + 90 + 182 \\ 330 &:= 1^6 + 2^3 + 2^8 + 4^3 + 22^0 = 16 + 23 + 28 + 43 + 220 \\ 330 &:= 1^7 + 2^0 + 3^1 + 8^0 + 18^2 = 17 + 20 + 31 + 80 + 182 \\ 330 &:= 1^7 + 2^3 + 2^6 + 4^4 + 22^0 = 17 + 23 + 26 + 44 + 220 \\ 330 &:= 1^7 + 2^3 + 2^8 + 8^2 + 18^0 = 17 + 23 + 28 + 82 + 180 \end{aligned}$$

$$\begin{aligned} 330 &:= 1^7 + 3^0 + 3^1 + 7^0 + 18^2 = 17 + 30 + 31 + 70 + 182 \\ 330 &:= 1^7 + 3^1 + 4^0 + 6^0 + 18^2 = 17 + 31 + 40 + 60 + 182 \\ 330 &:= 1^7 + 3^1 + 5^0 + 5^0 + 18^2 = 17 + 31 + 50 + 50 + 182 \\ 330 &:= 1^8 + 1^9 + 3^1 + 8^0 + 18^2 = 18 + 19 + 31 + 80 + 182 \\ 330 &:= 1^8 + 2^6 + 3^5 + 4^0 + 21^1 = 18 + 26 + 35 + 40 + 211 \\ 330 &:= 1^8 + 2^8 + 4^3 + 8^1 + 16^0 = 18 + 28 + 43 + 81 + 160 \\ 330 &:= 1^8 + 2^8 + 6^2 + 6^2 + 16^0 = 18 + 28 + 62 + 62 + 160 \\ 330 &:= 1^9 + 2^2 + 2^7 + 12^0 + 14^2 = 19 + 22 + 27 + 120 + 142 \\ 330 &:= 1^9 + 2^2 + 3^4 + 3^5 + 22^0 = 19 + 22 + 34 + 35 + 220 \\ 330 &:= 1^9 + 2^3 + 2^6 + 10^0 + 16^2 = 19 + 23 + 26 + 100 + 162 \\ 330 &:= 1^9 + 2^6 + 4^4 + 8^1 + 16^0 = 19 + 26 + 44 + 81 + 160 \\ 330 &:= 1^9 + 2^7 + 8^0 + 10^2 + 10^2 = 19 + 27 + 80 + 102 + 102 \\ 330 &:= 1^9 + 2^8 + 8^1 + 8^2 + 12^0 = 19 + 28 + 81 + 82 + 120 \\ 330 &:= 2^0 + 2^3 + 4^3 + 4^4 + 20^0 = 20 + 23 + 43 + 44 + 200 \\ 330 &:= 2^0 + 2^7 + 4^1 + 10^0 + 14^2 = 20 + 27 + 41 + 100 + 142 \\ 330 &:= 2^0 + 3^4 + 3^5 + 4^1 + 20^0 = 20 + 34 + 35 + 41 + 200 \\ 330 &:= 2^1 + 2^4 + 4^2 + 7^1 + 17^2 = 21 + 24 + 42 + 71 + 172 \\ 330 &:= 2^1 + 2^6 + 5^0 + 7^1 + 16^2 = 21 + 26 + 50 + 71 + 162 \\ 330 &:= 2^1 + 3^0 + 3^5 + 4^3 + 20^1 = 21 + 30 + 35 + 43 + 201 \\ 330 &:= 2^1 + 3^4 + 5^1 + 11^2 + 11^2 = 21 + 34 + 51 + 112 + 112 \\ 330 &:= 2^1 + 3^4 + 5^3 + 11^0 + 11^2 = 21 + 34 + 53 + 110 + 112 \\ 330 &:= 2^2 + 2^2 + 3^2 + 12^2 + 13^2 = 22 + 22 + 32 + 122 + 132 \\ 330 &:= 2^2 + 2^2 + 4^2 + 9^2 + 15^2 = 22 + 22 + 42 + 92 + 152 \\ 330 &:= 2^2 + 2^5 + 4^1 + 7^0 + 17^2 = 22 + 25 + 41 + 70 + 172 \\ 330 &:= 2^2 + 3^1 + 3^3 + 10^2 + 14^2 = 22 + 31 + 33 + 102 + 142 \\ 330 &:= 2^2 + 3^2 + 5^2 + 6^2 + 16^2 = 22 + 32 + 52 + 62 + 162 \\ 330 &:= 2^2 + 3^4 + 5^0 + 10^2 + 12^2 = 22 + 34 + 50 + 102 + 122 \\ 330 &:= 2^2 + 4^3 + 4^4 + 5^1 + 17^0 = 22 + 43 + 44 + 51 + 170 \\ 330 &:= 2^2 + 5^2 + 5^3 + 7^1 + 13^2 = 22 + 52 + 53 + 71 + 132 \\ 330 &:= 2^2 + 6^2 + 6^3 + 8^2 + 10^1 = 22 + 62 + 63 + 82 + 101 \\ 330 &:= 2^3 + 2^3 + 3^0 + 12^2 + 13^2 = 23 + 23 + 30 + 122 + 132 \\ 330 &:= 2^3 + 3^0 + 4^3 + 4^4 + 19^0 = 23 + 30 + 43 + 44 + 190 \\ 330 &:= 2^3 + 3^0 + 4^4 + 7^2 + 16^1 = 23 + 30 + 44 + 72 + 161 \\ 330 &:= 2^3 + 4^0 + 4^3 + 4^4 + 18^0 = 23 + 40 + 43 + 44 + 180 \\ 330 &:= 2^3 + 4^3 + 4^4 + 10^0 + 12^0 = 23 + 43 + 44 + 100 + 120 \\ 330 &:= 2^3 + 4^3 + 4^4 + 11^0 + 11^0 = 23 + 43 + 44 + 110 + 110 \\ 330 &:= 2^3 + 4^3 + 4^4 + 5^0 + 17^0 = 23 + 43 + 44 + 50 + 170 \\ 330 &:= 2^3 + 4^3 + 4^4 + 6^0 + 16^0 = 23 + 43 + 44 + 60 + 160 \end{aligned}$$

$$\begin{aligned} 330 &:= 2^3 + 4^3 + 4^4 + 7^0 + 15^0 = 23 + 43 + 44 + 70 + 150 \\ 330 &:= 2^3 + 4^3 + 4^4 + 8^0 + 14^0 = 23 + 43 + 44 + 80 + 140 \\ 330 &:= 2^3 + 4^3 + 4^4 + 9^0 + 13^0 = 23 + 43 + 44 + 90 + 130 \\ 330 &:= 2^4 + 3^1 + 4^2 + 6^1 + 17^2 = 24 + 31 + 42 + 61 + 172 \\ 330 &:= 2^4 + 4^1 + 4^2 + 5^1 + 17^2 = 24 + 41 + 42 + 51 + 172 \\ 330 &:= 2^5 + 2^5 + 2^8 + 3^2 + 22^0 = 25 + 25 + 28 + 32 + 220 \\ 330 &:= 2^5 + 3^0 + 5^1 + 6^2 + 16^2 = 25 + 30 + 51 + 62 + 162 \\ 330 &:= 2^6 + 3^1 + 5^0 + 6^1 + 16^2 = 26 + 31 + 50 + 61 + 162 \\ 330 &:= 2^6 + 4^1 + 5^0 + 5^1 + 16^2 = 26 + 41 + 50 + 51 + 162 \\ 330 &:= 2^7 + 3^0 + 4^1 + 9^0 + 14^2 = 27 + 30 + 41 + 90 + 142 \\ 330 &:= 2^7 + 4^0 + 4^1 + 8^0 + 14^2 = 27 + 40 + 41 + 80 + 142 \\ 330 &:= 2^7 + 4^1 + 5^0 + 7^0 + 14^2 = 27 + 41 + 50 + 70 + 142 \\ 330 &:= 2^7 + 4^1 + 6^0 + 6^0 + 14^2 = 27 + 41 + 60 + 60 + 142 \\ 330 &:= 3^0 + 3^1 + 3^5 + 4^3 + 19^1 = 30 + 31 + 35 + 43 + 191 \\ 330 &:= 3^0 + 3^4 + 3^5 + 4^1 + 19^0 = 30 + 34 + 35 + 41 + 190 \\ 330 &:= 3^0 + 3^4 + 4^2 + 6^3 + 16^1 = 30 + 34 + 42 + 63 + 161 \\ 330 &:= 3^0 + 3^5 + 4^1 + 4^3 + 18^1 = 30 + 35 + 41 + 43 + 181 \\ 330 &:= 3^0 + 3^5 + 4^3 + 10^1 + 12^1 = 30 + 35 + 43 + 101 + 121 \\ 330 &:= 3^0 + 3^5 + 4^3 + 11^1 + 11^1 = 30 + 35 + 43 + 111 + 111 \\ 330 &:= 3^0 + 3^5 + 4^3 + 5^1 + 17^1 = 30 + 35 + 43 + 51 + 171 \\ 330 &:= 3^0 + 3^5 + 4^3 + 6^1 + 16^1 = 30 + 35 + 43 + 61 + 161 \\ 330 &:= 3^0 + 3^5 + 4^3 + 7^1 + 15^1 = 30 + 35 + 43 + 71 + 151 \\ 330 &:= 3^0 + 3^5 + 4^3 + 8^1 + 14^1 = 30 + 35 + 43 + 81 + 141 \\ 330 &:= 3^0 + 3^5 + 4^3 + 9^1 + 13^1 = 30 + 35 + 43 + 91 + 131 \\ 330 &:= 3^0 + 3^5 + 6^2 + 6^2 + 14^1 = 30 + 35 + 62 + 62 + 141 \\ 330 &:= 3^0 + 4^3 + 5^3 + 5^3 + 15^1 = 30 + 43 + 53 + 53 + 151 \\ 330 &:= 3^1 + 3^4 + 4^1 + 11^2 + 11^2 = 31 + 34 + 41 + 112 + 112 \\ 330 &:= 3^2 + 3^5 + 5^0 + 8^2 + 13^1 = 32 + 35 + 50 + 82 + 131 \\ 330 &:= 3^3 + 4^4 + 6^2 + 9^0 + 10^1 = 33 + 44 + 62 + 90 + 101 \\ 330 &:= 3^4 + 3^5 + 4^0 + 4^1 + 18^0 = 34 + 35 + 40 + 41 + 180 \\ 330 &:= 3^4 + 3^5 + 4^1 + 10^0 + 12^0 = 34 + 35 + 41 + 100 + 120 \\ 330 &:= 3^4 + 3^5 + 4^1 + 11^0 + 11^0 = 34 + 35 + 41 + 110 + 110 \\ 330 &:= 3^4 + 3^5 + 4^1 + 5^0 + 17^0 = 34 + 35 + 41 + 50 + 170 \\ 330 &:= 3^4 + 3^5 + 4^1 + 6^0 + 16^0 = 34 + 35 + 41 + 60 + 160 \\ 330 &:= 3^4 + 3^5 + 4^1 + 7^0 + 15^0 = 34 + 35 + 41 + 70 + 150 \\ 330 &:= 3^4 + 3^5 + 4^1 + 8^0 + 14^0 = 34 + 35 + 41 + 80 + 140 \\ 330 &:= 3^4 + 3^5 + 4^1 + 9^0 + 13^0 = 34 + 35 + 41 + 90 + 130 \\ 330 &:= 3^4 + 4^2 + 5^0 + 6^2 + 14^2 = 34 + 42 + 50 + 62 + 142 \end{aligned}$$

$$\begin{aligned} 330 &:= 3^4 + 5^2 + 6^3 + 7^1 + 11^0 = 34 + 52 + 63 + 71 + 110 \\ 330 &:= 3^5 + 4^2 + 6^1 + 8^2 + 11^0 = 35 + 42 + 61 + 82 + 110 \\ 330 &:= 3^5 + 5^0 + 5^2 + 7^2 + 12^1 = 35 + 50 + 52 + 72 + 121 \end{aligned}$$

$$\begin{aligned} 330 &:= 4^1 + 4^2 + 5^3 + 8^2 + 11^2 = 41 + 42 + 53 + 82 + 112 \\ 330 &:= 4^2 + 5^2 + 6^3 + 8^2 + 9^1 = 42 + 52 + 63 + 82 + 91 \end{aligned}$$

2.2.232 Number 331

$$\begin{aligned} 331 &:= 1^8 + 5^1 + 8^0 + 18^2 = 18 + 51 + 80 + 182 \\ 331 &:= 2^6 + 4^4 + 10^1 + 16^0 = 26 + 44 + 101 + 160 \\ 331 &:= 2^7 + 9^2 + 10^0 + 11^2 = 27 + 92 + 100 + 112 \\ 331 &:= 2^8 + 8^2 + 10^1 + 12^0 = 28 + 82 + 101 + 120 \\ 331 &:= 1^0 + 1^7 + 2^2 + 10^0 + 18^2 = 10 + 17 + 22 + 100 + 182 \\ 331 &:= 1^0 + 1^8 + 4^1 + 8^0 + 18^2 = 10 + 18 + 41 + 80 + 182 \\ 331 &:= 1^0 + 2^6 + 4^4 + 9^1 + 16^0 = 10 + 26 + 44 + 91 + 160 \\ 331 &:= 1^0 + 2^6 + 6^3 + 7^2 + 16^0 = 10 + 26 + 63 + 72 + 160 \\ 331 &:= 1^0 + 2^8 + 8^2 + 9^1 + 12^0 = 10 + 28 + 82 + 91 + 120 \\ 331 &:= 1^1 + 1^6 + 2^2 + 10^0 + 18^2 = 11 + 16 + 22 + 100 + 182 \\ 331 &:= 1^1 + 1^7 + 4^1 + 8^0 + 18^2 = 11 + 17 + 41 + 80 + 182 \\ 331 &:= 1^1 + 2^3 + 2^5 + 10^0 + 17^2 = 11 + 23 + 25 + 100 + 172 \\ 331 &:= 1^1 + 2^5 + 6^3 + 9^2 + 14^0 = 11 + 25 + 63 + 92 + 140 \\ 331 &:= 1^1 + 2^6 + 3^2 + 10^0 + 16^2 = 11 + 26 + 32 + 100 + 162 \\ 331 &:= 1^1 + 2^6 + 6^0 + 11^2 + 12^2 = 11 + 26 + 60 + 112 + 122 \\ 331 &:= 1^1 + 2^7 + 5^1 + 10^0 + 14^2 = 11 + 27 + 51 + 100 + 142 \\ 331 &:= 1^1 + 3^4 + 3^5 + 5^1 + 20^0 = 11 + 34 + 35 + 51 + 200 \\ 331 &:= 1^2 + 1^5 + 2^2 + 10^0 + 18^2 = 12 + 15 + 22 + 100 + 182 \\ 331 &:= 1^2 + 1^6 + 4^1 + 8^0 + 18^2 = 12 + 16 + 41 + 80 + 182 \\ 331 &:= 1^2 + 2^0 + 3^5 + 4^3 + 22^1 = 12 + 20 + 35 + 43 + 221 \\ 331 &:= 1^2 + 2^6 + 4^0 + 9^1 + 16^2 = 12 + 26 + 40 + 91 + 162 \\ 331 &:= 1^2 + 3^2 + 4^3 + 4^4 + 20^0 = 12 + 32 + 43 + 44 + 200 \\ 331 &:= 1^3 + 1^4 + 2^2 + 10^0 + 18^2 = 13 + 14 + 22 + 100 + 182 \\ 331 &:= 1^3 + 1^5 + 4^1 + 8^0 + 18^2 = 13 + 15 + 41 + 80 + 182 \\ 331 &:= 1^3 + 1^9 + 3^5 + 4^3 + 22^1 = 13 + 19 + 35 + 43 + 221 \\ 331 &:= 1^3 + 2^3 + 5^3 + 10^0 + 14^2 = 13 + 23 + 53 + 100 + 142 \\ 331 &:= 1^3 + 2^4 + 4^0 + 12^2 + 13^2 = 13 + 24 + 40 + 122 + 132 \\ 331 &:= 1^3 + 2^5 + 4^0 + 8^1 + 17^2 = 13 + 25 + 40 + 81 + 172 \\ 331 &:= 1^3 + 3^2 + 4^4 + 8^2 + 16^0 = 13 + 32 + 44 + 82 + 160 \\ 331 &:= 1^3 + 3^5 + 5^1 + 9^2 + 14^0 = 13 + 35 + 51 + 92 + 140 \\ 331 &:= 1^3 + 4^3 + 4^4 + 9^1 + 14^0 = 13 + 43 + 44 + 91 + 140 \\ 331 &:= 1^3 + 4^3 + 6^3 + 7^2 + 14^0 = 13 + 43 + 63 + 72 + 140 \end{aligned}$$

$$\begin{aligned} 331 &:= 1^4 + 1^4 + 4^1 + 8^0 + 18^2 = 14 + 14 + 41 + 80 + 182 \\ 331 &:= 1^4 + 1^8 + 3^5 + 4^3 + 22^1 = 14 + 18 + 35 + 43 + 221 \\ 331 &:= 1^4 + 3^2 + 4^3 + 8^0 + 16^2 = 14 + 32 + 43 + 80 + 162 \\ 331 &:= 1^4 + 4^0 + 4^3 + 11^2 + 12^2 = 14 + 40 + 43 + 112 + 122 \\ 331 &:= 1^4 + 4^4 + 8^2 + 9^1 + 10^0 = 14 + 44 + 82 + 91 + 100 \\ 331 &:= 1^4 + 6^3 + 7^2 + 8^2 + 10^0 = 14 + 63 + 72 + 82 + 100 \\ 331 &:= 1^5 + 1^7 + 3^5 + 4^3 + 22^1 = 15 + 17 + 35 + 43 + 221 \\ 331 &:= 1^5 + 2^0 + 4^2 + 12^2 + 13^2 = 15 + 20 + 42 + 122 + 132 \\ 331 &:= 1^5 + 2^0 + 4^3 + 9^1 + 16^2 = 15 + 20 + 43 + 91 + 162 \\ 331 &:= 1^5 + 2^0 + 6^3 + 10^2 + 13^1 = 15 + 20 + 63 + 102 + 131 \\ 331 &:= 1^5 + 2^2 + 4^0 + 10^2 + 15^2 = 15 + 22 + 40 + 102 + 152 \\ 331 &:= 1^5 + 2^2 + 6^0 + 6^2 + 17^2 = 15 + 22 + 60 + 62 + 172 \\ 331 &:= 1^5 + 2^5 + 2^5 + 3^5 + 23^1 = 15 + 25 + 25 + 35 + 231 \\ 331 &:= 1^5 + 2^6 + 2^8 + 3^2 + 23^0 = 15 + 26 + 28 + 32 + 230 \\ 331 &:= 1^5 + 3^2 + 4^0 + 8^2 + 16^2 = 15 + 32 + 40 + 82 + 162 \\ 331 &:= 1^5 + 4^0 + 5^3 + 8^1 + 14^2 = 15 + 40 + 53 + 81 + 142 \\ 331 &:= 1^6 + 1^6 + 3^5 + 4^3 + 22^1 = 16 + 16 + 35 + 43 + 221 \\ 331 &:= 1^6 + 1^9 + 4^2 + 12^2 + 13^2 = 16 + 19 + 42 + 122 + 132 \\ 331 &:= 1^6 + 1^9 + 4^3 + 9^1 + 16^2 = 16 + 19 + 43 + 91 + 162 \\ 331 &:= 1^6 + 1^9 + 6^3 + 10^2 + 13^1 = 16 + 19 + 63 + 102 + 131 \\ 331 &:= 1^6 + 2^0 + 4^1 + 10^2 + 15^2 = 16 + 20 + 41 + 102 + 152 \\ 331 &:= 1^6 + 2^6 + 2^8 + 9^1 + 17^0 = 16 + 26 + 28 + 91 + 170 \\ 331 &:= 1^6 + 4^0 + 4^1 + 6^2 + 17^2 = 16 + 40 + 41 + 62 + 172 \\ 331 &:= 1^7 + 1^8 + 4^2 + 12^2 + 13^2 = 17 + 18 + 42 + 122 + 132 \\ 331 &:= 1^7 + 1^8 + 4^3 + 9^1 + 16^2 = 17 + 18 + 43 + 91 + 162 \\ 331 &:= 1^7 + 1^8 + 6^3 + 10^2 + 13^1 = 17 + 18 + 63 + 102 + 131 \\ 331 &:= 1^7 + 1^9 + 4^1 + 10^2 + 15^2 = 17 + 19 + 41 + 102 + 152 \\ 331 &:= 1^7 + 2^0 + 2^2 + 9^0 + 18^2 = 17 + 20 + 22 + 90 + 182 \\ 331 &:= 1^7 + 2^1 + 3^1 + 8^0 + 18^2 = 17 + 21 + 31 + 80 + 182 \\ 331 &:= 1^7 + 2^2 + 3^0 + 8^0 + 18^2 = 17 + 22 + 30 + 80 + 182 \\ 331 &:= 1^7 + 2^2 + 4^0 + 7^0 + 18^2 = 17 + 22 + 40 + 70 + 182 \\ 331 &:= 1^7 + 2^2 + 5^0 + 6^0 + 18^2 = 17 + 22 + 50 + 60 + 182 \end{aligned}$$

$$\begin{aligned} 331 &:= 1^7 + 2^5 + 2^7 + 13^0 + 13^2 = 17 + 25 + 27 + 130 + 132 \\ 331 &:= 1^8 + 1^8 + 4^1 + 10^2 + 15^2 = 18 + 18 + 41 + 102 + 152 \\ 331 &:= 1^8 + 1^9 + 2^2 + 9^0 + 18^2 = 18 + 19 + 22 + 90 + 182 \\ 331 &:= 1^8 + 2^0 + 4^1 + 7^0 + 18^2 = 18 + 20 + 41 + 70 + 182 \\ 331 &:= 1^8 + 2^5 + 2^5 + 10^1 + 16^2 = 18 + 25 + 25 + 101 + 162 \\ 331 &:= 1^8 + 2^5 + 3^5 + 6^2 + 19^1 = 18 + 25 + 35 + 62 + 191 \\ 331 &:= 1^8 + 2^8 + 3^2 + 4^3 + 21^0 = 18 + 28 + 32 + 43 + 210 \\ 331 &:= 1^8 + 3^0 + 4^1 + 6^0 + 18^2 = 18 + 30 + 41 + 60 + 182 \\ 331 &:= 1^8 + 4^0 + 4^1 + 5^0 + 18^2 = 18 + 40 + 41 + 50 + 182 \\ 331 &:= 1^9 + 1^9 + 4^1 + 7^0 + 18^2 = 19 + 19 + 41 + 70 + 182 \\ 331 &:= 1^9 + 2^5 + 3^4 + 6^3 + 19^0 = 19 + 25 + 34 + 63 + 190 \\ 331 &:= 1^9 + 2^5 + 4^3 + 6^3 + 18^1 = 19 + 25 + 43 + 63 + 181 \\ 331 &:= 1^9 + 2^6 + 3^0 + 3^5 + 22^1 = 19 + 26 + 30 + 35 + 221 \\ 331 &:= 1^9 + 2^6 + 3^2 + 4^4 + 21^0 = 19 + 26 + 32 + 44 + 210 \\ 331 &:= 1^9 + 2^6 + 8^2 + 9^2 + 11^2 = 19 + 26 + 82 + 92 + 112 \\ 331 &:= 1^9 + 2^7 + 7^2 + 9^1 + 12^2 = 19 + 27 + 72 + 91 + 122 \\ 331 &:= 1^9 + 2^8 + 3^2 + 8^2 + 17^0 = 19 + 28 + 32 + 82 + 170 \\ 331 &:= 1^9 + 2^8 + 4^3 + 9^1 + 15^0 = 19 + 28 + 43 + 91 + 150 \\ 331 &:= 2^0 + 2^4 + 2^4 + 9^1 + 17^2 = 20 + 24 + 24 + 91 + 172 \\ 331 &:= 2^0 + 2^5 + 4^3 + 9^1 + 15^2 = 20 + 25 + 43 + 91 + 152 \\ 331 &:= 2^0 + 2^6 + 4^4 + 9^1 + 15^0 = 20 + 26 + 44 + 91 + 150 \\ 331 &:= 2^0 + 2^6 + 6^1 + 8^2 + 14^2 = 20 + 26 + 61 + 82 + 142 \\ 331 &:= 2^0 + 2^6 + 6^3 + 7^2 + 15^0 = 20 + 26 + 63 + 72 + 150 \\ 331 &:= 2^0 + 2^8 + 8^2 + 9^1 + 11^0 = 20 + 28 + 82 + 91 + 110 \\ 331 &:= 2^0 + 3^3 + 3^3 + 4^4 + 20^1 = 20 + 33 + 33 + 44 + 201 \\ 331 &:= 2^1 + 2^3 + 4^3 + 4^4 + 20^0 = 21 + 23 + 43 + 44 + 200 \\ 331 &:= 2^1 + 2^7 + 4^1 + 10^0 + 14^2 = 21 + 27 + 41 + 100 + 142 \\ 331 &:= 2^1 + 3^4 + 3^5 + 4^1 + 20^0 = 21 + 34 + 35 + 41 + 200 \\ 331 &:= 2^2 + 2^6 + 6^0 + 6^1 + 16^2 = 22 + 26 + 60 + 61 + 162 \\ 331 &:= 2^2 + 3^5 + 4^0 + 4^3 + 19^1 = 22 + 35 + 40 + 43 + 191 \\ 331 &:= 2^3 + 2^4 + 4^0 + 9^2 + 15^2 = 23 + 24 + 40 + 92 + 152 \\ 331 &:= 2^3 + 3^4 + 4^2 + 8^0 + 15^2 = 23 + 34 + 42 + 80 + 152 \\ 331 &:= 2^3 + 3^5 + 4^0 + 8^2 + 15^1 = 23 + 35 + 40 + 82 + 151 \\ 331 &:= 2^4 + 3^4 + 4^0 + 8^1 + 15^2 = 24 + 34 + 40 + 81 + 152 \\ 331 &:= 2^4 + 4^0 + 4^3 + 9^2 + 13^2 = 24 + 40 + 43 + 92 + 132 \end{aligned}$$

$$\begin{aligned} 331 &:= 2^4 + 4^3 + 5^2 + 6^0 + 15^2 = 24 + 43 + 52 + 60 + 152 \\ 331 &:= 2^4 + 4^4 + 7^2 + 9^1 + 10^0 = 24 + 44 + 72 + 91 + 100 \\ 331 &:= 2^4 + 6^3 + 7^2 + 7^2 + 10^0 = 24 + 63 + 72 + 72 + 100 \\ 331 &:= 2^5 + 3^2 + 4^0 + 8^2 + 15^2 = 25 + 32 + 40 + 82 + 152 \\ 331 &:= 2^5 + 4^1 + 5^3 + 8^0 + 13^2 = 25 + 41 + 53 + 80 + 132 \\ 331 &:= 2^6 + 2^7 + 2^7 + 10^1 + 15^0 = 26 + 27 + 27 + 101 + 150 \\ 331 &:= 2^6 + 3^0 + 4^4 + 9^1 + 14^0 = 26 + 30 + 44 + 91 + 140 \\ 331 &:= 2^6 + 3^0 + 6^3 + 7^2 + 14^0 = 26 + 30 + 63 + 72 + 140 \\ 331 &:= 2^6 + 4^0 + 4^4 + 9^1 + 13^0 = 26 + 40 + 44 + 91 + 130 \\ 331 &:= 2^6 + 4^0 + 5^1 + 6^2 + 15^2 = 26 + 40 + 51 + 62 + 152 \\ 331 &:= 2^6 + 4^0 + 6^3 + 7^2 + 13^0 = 26 + 40 + 63 + 72 + 130 \\ 331 &:= 2^6 + 4^4 + 5^0 + 9^1 + 12^0 = 26 + 44 + 50 + 91 + 120 \\ 331 &:= 2^6 + 4^4 + 6^0 + 9^1 + 11^0 = 26 + 44 + 60 + 91 + 110 \\ 331 &:= 2^6 + 4^4 + 7^0 + 9^1 + 10^0 = 26 + 44 + 70 + 91 + 100 \\ 331 &:= 2^6 + 4^4 + 8^0 + 9^0 + 9^1 = 26 + 44 + 80 + 90 + 91 \\ 331 &:= 2^6 + 5^0 + 6^3 + 7^2 + 12^0 = 26 + 50 + 63 + 72 + 120 \\ 331 &:= 2^6 + 6^0 + 6^3 + 7^2 + 11^0 = 26 + 60 + 63 + 72 + 110 \\ 331 &:= 2^6 + 6^3 + 7^0 + 7^2 + 10^0 = 26 + 63 + 70 + 72 + 100 \\ 331 &:= 2^6 + 6^3 + 7^2 + 8^0 + 9^0 = 26 + 63 + 72 + 80 + 90 \\ 331 &:= 2^7 + 2^7 + 3^3 + 3^3 + 21^1 = 27 + 27 + 33 + 33 + 211 \\ 331 &:= 2^7 + 3^1 + 3^1 + 10^0 + 14^2 = 27 + 31 + 31 + 100 + 142 \\ 331 &:= 2^8 + 3^0 + 8^2 + 9^1 + 10^0 = 28 + 30 + 82 + 91 + 100 \\ 331 &:= 2^8 + 4^0 + 8^2 + 9^0 + 9^1 = 28 + 40 + 82 + 90 + 91 \\ 331 &:= 2^8 + 5^0 + 8^0 + 8^2 + 9^1 = 28 + 50 + 80 + 82 + 91 \\ 331 &:= 2^8 + 6^0 + 7^0 + 8^2 + 9^1 = 28 + 60 + 70 + 82 + 91 \\ 331 &:= 3^1 + 3^1 + 3^4 + 3^5 + 20^0 = 31 + 31 + 34 + 35 + 200 \\ 331 &:= 3^2 + 3^5 + 4^3 + 8^0 + 14^1 = 32 + 35 + 43 + 80 + 141 \\ 331 &:= 3^3 + 3^4 + 6^1 + 6^3 + 14^0 = 33 + 34 + 61 + 63 + 140 \\ 331 &:= 3^3 + 3^5 + 7^2 + 8^0 + 11^1 = 33 + 35 + 72 + 80 + 111 \\ 331 &:= 3^4 + 4^2 + 4^3 + 8^0 + 13^2 = 34 + 42 + 43 + 80 + 132 \\ 331 &:= 3^4 + 4^3 + 6^0 + 8^2 + 11^2 = 34 + 43 + 60 + 82 + 112 \\ 331 &:= 3^5 + 4^2 + 4^3 + 7^1 + 14^0 = 35 + 42 + 43 + 71 + 140 \\ 331 &:= 4^2 + 4^3 + 5^3 + 5^3 + 14^0 = 42 + 43 + 53 + 53 + 140 \end{aligned}$$

2.2.233 Number 332

$$\begin{aligned}
 332 &:= 1^3 + 3^5 + 4^3 + 24^1 &= 13 + 35 + 43 + 241 \\
 332 &:= 1^6 + 4^3 + 11^1 + 16^2 &= 16 + 43 + 111 + 162 \\
 332 &:= 1^6 + 6^3 + 10^2 + 15^1 &= 16 + 63 + 102 + 151 \\
 332 &:= 1^6 + 9^2 + 9^2 + 13^2 &= 16 + 92 + 92 + 132 \\
 332 &:= 1^7 + 6^1 + 10^2 + 15^2 &= 17 + 61 + 102 + 152 \\
 332 &:= 1^9 + 6^1 + 7^0 + 18^2 &= 19 + 61 + 70 + 182 \\
 332 &:= 2^5 + 4^3 + 6^3 + 20^1 &= 25 + 43 + 63 + 201 \\
 332 &:= 2^6 + 3^0 + 3^5 + 24^1 &= 26 + 30 + 35 + 241 \\
 332 &:= 2^7 + 7^2 + 11^1 + 12^2 &= 27 + 72 + 111 + 122 \\
 332 &:= 2^8 + 4^3 + 11^1 + 15^0 &= 28 + 43 + 111 + 150 \\
 332 &:= 1^0 + 1^3 + 3^5 + 4^3 + 23^1 &= 10 + 13 + 35 + 43 + 231 \\
 332 &:= 1^0 + 1^6 + 4^3 + 10^1 + 16^2 &= 10 + 16 + 43 + 101 + 162 \\
 332 &:= 1^0 + 1^6 + 6^3 + 10^2 + 14^1 &= 10 + 16 + 63 + 102 + 141 \\
 332 &:= 1^0 + 1^7 + 5^1 + 10^2 + 15^2 &= 10 + 17 + 51 + 102 + 152 \\
 332 &:= 1^0 + 1^9 + 5^1 + 7^0 + 18^2 &= 10 + 19 + 51 + 70 + 182 \\
 332 &:= 1^0 + 2^5 + 4^3 + 6^3 + 19^1 &= 10 + 25 + 43 + 63 + 191 \\
 332 &:= 1^0 + 2^6 + 3^0 + 3^5 + 23^1 &= 10 + 26 + 30 + 35 + 231 \\
 332 &:= 1^0 + 2^7 + 7^2 + 10^1 + 12^2 &= 10 + 27 + 72 + 101 + 122 \\
 332 &:= 1^0 + 2^8 + 4^3 + 10^1 + 15^0 &= 10 + 28 + 43 + 101 + 150 \\
 332 &:= 1^0 + 2^8 + 5^2 + 7^2 + 17^0 &= 10 + 28 + 52 + 72 + 170 \\
 332 &:= 1^1 + 1^2 + 3^5 + 4^3 + 23^1 &= 11 + 12 + 35 + 43 + 231 \\
 332 &:= 1^1 + 1^5 + 4^3 + 10^1 + 16^2 &= 11 + 15 + 43 + 101 + 162 \\
 332 &:= 1^1 + 1^5 + 6^3 + 10^2 + 14^1 &= 11 + 15 + 63 + 102 + 141 \\
 332 &:= 1^1 + 1^6 + 5^1 + 10^2 + 15^2 &= 11 + 16 + 51 + 102 + 152 \\
 332 &:= 1^1 + 1^8 + 5^1 + 7^0 + 18^2 &= 11 + 18 + 51 + 70 + 182 \\
 332 &:= 1^1 + 2^4 + 2^4 + 10^1 + 17^2 &= 11 + 24 + 24 + 101 + 172 \\
 332 &:= 1^1 + 2^5 + 4^3 + 10^1 + 15^2 &= 11 + 25 + 43 + 101 + 152 \\
 332 &:= 1^1 + 2^5 + 7^2 + 9^2 + 13^2 &= 11 + 25 + 72 + 92 + 132 \\
 332 &:= 1^1 + 2^6 + 4^4 + 10^1 + 15^0 &= 11 + 26 + 44 + 101 + 150 \\
 332 &:= 1^1 + 2^6 + 7^1 + 8^2 + 14^2 &= 11 + 26 + 71 + 82 + 142 \\
 332 &:= 1^1 + 2^7 + 9^0 + 9^2 + 11^2 &= 11 + 27 + 90 + 92 + 112 \\
 332 &:= 1^1 + 2^8 + 8^2 + 10^1 + 11^0 &= 11 + 28 + 82 + 101 + 110 \\
 332 &:= 1^1 + 3^3 + 3^3 + 4^4 + 21^1 &= 11 + 33 + 33 + 44 + 211 \\
 332 &:= 1^2 + 1^4 + 4^3 + 10^1 + 16^2 &= 12 + 14 + 43 + 101 + 162 \\
 332 &:= 1^2 + 1^4 + 6^3 + 10^2 + 14^1 &= 12 + 14 + 63 + 102 + 141 \\
 332 &:= 1^2 + 1^5 + 5^1 + 10^2 + 15^2 &= 12 + 15 + 51 + 102 + 152 \\
 332 &:= 1^2 + 1^7 + 5^1 + 7^0 + 18^2 &= 12 + 17 + 51 + 70 + 182 \\
 332 &:= 1^2 + 2^1 + 3^5 + 4^3 + 22^1 &= 12 + 21 + 35 + 43 + 221
 \end{aligned}$$

$$\begin{aligned}
 332 &:= 1^2 + 2^3 + 4^4 + 7^2 + 18^1 &= 12 + 23 + 44 + 72 + 181 \\
 332 &:= 1^2 + 2^4 + 5^2 + 11^2 + 13^2 &= 12 + 24 + 52 + 112 + 132 \\
 332 &:= 1^2 + 2^5 + 6^2 + 7^1 + 16^2 &= 12 + 25 + 62 + 71 + 162 \\
 332 &:= 1^2 + 2^7 + 6^1 + 9^0 + 14^2 &= 12 + 27 + 61 + 90 + 142 \\
 332 &:= 1^2 + 3^1 + 3^5 + 4^3 + 21^1 &= 12 + 31 + 35 + 43 + 211 \\
 332 &:= 1^2 + 3^4 + 3^5 + 6^1 + 19^0 &= 12 + 34 + 35 + 61 + 190 \\
 332 &:= 1^2 + 3^4 + 4^2 + 6^3 + 18^1 &= 12 + 34 + 42 + 63 + 181 \\
 332 &:= 1^2 + 3^5 + 4^1 + 4^3 + 20^1 &= 12 + 35 + 41 + 43 + 201 \\
 332 &:= 1^2 + 3^5 + 4^3 + 10^1 + 14^1 &= 12 + 35 + 43 + 101 + 141 \\
 332 &:= 1^2 + 3^5 + 4^3 + 11^1 + 13^1 &= 12 + 35 + 43 + 111 + 131 \\
 332 &:= 1^2 + 3^5 + 4^3 + 12^1 + 12^1 &= 12 + 35 + 43 + 121 + 121 \\
 332 &:= 1^2 + 3^5 + 4^3 + 5^1 + 19^1 &= 12 + 35 + 43 + 51 + 191 \\
 332 &:= 1^2 + 3^5 + 4^3 + 6^1 + 18^1 &= 12 + 35 + 43 + 61 + 181 \\
 332 &:= 1^2 + 3^5 + 4^3 + 7^1 + 17^1 &= 12 + 35 + 43 + 71 + 171 \\
 332 &:= 1^2 + 3^5 + 4^3 + 8^1 + 16^1 &= 12 + 35 + 43 + 81 + 161 \\
 332 &:= 1^2 + 3^5 + 4^3 + 9^1 + 15^1 &= 12 + 35 + 43 + 91 + 151 \\
 332 &:= 1^2 + 3^5 + 6^2 + 6^2 + 16^1 &= 12 + 35 + 62 + 62 + 161 \\
 332 &:= 1^2 + 4^3 + 5^3 + 5^3 + 17^1 &= 12 + 43 + 53 + 53 + 171 \\
 332 &:= 1^3 + 1^3 + 4^3 + 10^1 + 16^2 &= 13 + 13 + 43 + 101 + 162 \\
 332 &:= 1^3 + 1^3 + 6^3 + 10^2 + 14^1 &= 13 + 13 + 63 + 102 + 141 \\
 332 &:= 1^3 + 1^4 + 5^1 + 10^2 + 15^2 &= 13 + 14 + 51 + 102 + 152 \\
 332 &:= 1^3 + 1^6 + 5^1 + 7^0 + 18^2 &= 13 + 16 + 51 + 70 + 182 \\
 332 &:= 1^3 + 2^3 + 7^2 + 7^2 + 15^2 &= 13 + 23 + 72 + 72 + 152 \\
 332 &:= 1^3 + 2^5 + 3^2 + 9^0 + 17^2 &= 13 + 25 + 32 + 90 + 172 \\
 332 &:= 1^3 + 2^6 + 3^0 + 10^1 + 16^2 &= 13 + 26 + 30 + 101 + 162 \\
 332 &:= 1^3 + 3^2 + 4^4 + 7^2 + 17^1 &= 13 + 32 + 44 + 72 + 171 \\
 332 &:= 1^3 + 3^3 + 4^2 + 12^2 + 12^2 &= 13 + 33 + 42 + 122 + 122 \\
 332 &:= 1^3 + 3^3 + 5^3 + 10^1 + 13^2 &= 13 + 33 + 53 + 101 + 132 \\
 332 &:= 1^3 + 3^4 + 4^2 + 9^1 + 15^2 &= 13 + 34 + 42 + 91 + 152 \\
 332 &:= 1^3 + 3^4 + 6^1 + 10^2 + 12^2 &= 13 + 34 + 61 + 102 + 122 \\
 332 &:= 1^3 + 4^3 + 5^2 + 11^2 + 11^2 &= 13 + 43 + 52 + 112 + 112 \\
 332 &:= 1^3 + 4^3 + 6^2 + 6^3 + 15^1 &= 13 + 43 + 62 + 63 + 151 \\
 332 &:= 1^3 + 4^3 + 7^2 + 7^2 + 13^2 &= 13 + 43 + 72 + 72 + 132 \\
 332 &:= 1^4 + 1^5 + 5^1 + 7^0 + 18^2 &= 14 + 15 + 51 + 70 + 182 \\
 332 &:= 1^4 + 2^4 + 5^2 + 7^0 + 17^2 &= 14 + 24 + 52 + 70 + 172 \\
 332 &:= 1^4 + 2^5 + 3^0 + 9^1 + 17^2 &= 14 + 25 + 30 + 91 + 172 \\
 332 &:= 1^4 + 3^2 + 3^2 + 12^2 + 13^2 &= 14 + 32 + 32 + 122 + 132 \\
 332 &:= 1^4 + 3^2 + 4^2 + 9^2 + 15^2 &= 14 + 32 + 42 + 92 + 152
 \end{aligned}$$

$$\begin{aligned} 332 &:= 1^4 + 3^5 + 6^1 + 9^2 + 13^0 = 14 + 35 + 61 + 92 + 130 \\ 332 &:= 1^4 + 4^3 + 4^4 + 10^1 + 13^0 = 14 + 43 + 44 + 101 + 130 \\ 332 &:= 1^4 + 4^3 + 6^1 + 6^2 + 15^2 = 14 + 43 + 61 + 62 + 152 \\ 332 &:= 1^4 + 4^4 + 5^2 + 7^2 + 15^0 = 14 + 44 + 52 + 72 + 150 \\ 332 &:= 1^4 + 5^2 + 5^2 + 5^2 + 16^2 = 14 + 52 + 52 + 52 + 162 \\ 332 &:= 1^4 + 5^3 + 6^1 + 10^2 + 10^2 = 14 + 53 + 61 + 102 + 102 \\ 332 &:= 1^5 + 2^1 + 4^2 + 12^2 + 13^2 = 15 + 21 + 42 + 122 + 132 \\ 332 &:= 1^5 + 2^1 + 4^3 + 9^1 + 16^2 = 15 + 21 + 43 + 91 + 162 \\ 332 &:= 1^5 + 2^1 + 6^3 + 10^2 + 13^1 = 15 + 21 + 63 + 102 + 131 \\ 332 &:= 1^5 + 3^1 + 4^3 + 8^1 + 16^2 = 15 + 31 + 43 + 81 + 162 \\ 332 &:= 1^5 + 3^1 + 6^2 + 6^2 + 16^2 = 15 + 31 + 62 + 62 + 162 \\ 332 &:= 1^5 + 3^1 + 6^3 + 10^2 + 12^1 = 15 + 31 + 63 + 102 + 121 \\ 332 &:= 1^5 + 3^2 + 5^3 + 9^0 + 14^2 = 15 + 32 + 53 + 90 + 142 \\ 332 &:= 1^5 + 4^1 + 4^3 + 7^1 + 16^2 = 15 + 41 + 43 + 71 + 162 \\ 332 &:= 1^5 + 4^1 + 6^3 + 10^2 + 11^1 = 15 + 41 + 63 + 102 + 111 \\ 332 &:= 1^5 + 4^3 + 5^1 + 6^1 + 16^2 = 15 + 43 + 51 + 61 + 162 \\ 332 &:= 1^5 + 4^4 + 8^2 + 9^0 + 10^1 = 15 + 44 + 82 + 90 + 101 \\ 332 &:= 1^5 + 5^1 + 6^3 + 10^1 + 10^2 = 15 + 51 + 63 + 101 + 102 \\ 332 &:= 1^5 + 5^3 + 6^2 + 7^0 + 13^2 = 15 + 53 + 62 + 70 + 132 \\ 332 &:= 1^5 + 6^1 + 6^3 + 9^1 + 10^2 = 15 + 61 + 63 + 91 + 102 \\ 332 &:= 1^5 + 6^3 + 7^1 + 8^1 + 10^2 = 15 + 63 + 71 + 81 + 102 \\ 332 &:= 1^6 + 2^1 + 4^1 + 10^2 + 15^2 = 16 + 21 + 41 + 102 + 152 \\ 332 &:= 1^6 + 3^0 + 5^2 + 7^2 + 16^2 = 16 + 30 + 52 + 72 + 162 \\ 332 &:= 1^6 + 3^0 + 5^3 + 9^1 + 14^2 = 16 + 30 + 53 + 91 + 142 \\ 332 &:= 1^6 + 3^1 + 3^1 + 10^2 + 15^2 = 16 + 31 + 31 + 102 + 152 \\ 332 &:= 1^6 + 4^2 + 5^0 + 5^2 + 17^2 = 16 + 42 + 50 + 52 + 172 \\ 332 &:= 1^7 + 2^1 + 2^2 + 9^0 + 18^2 = 17 + 21 + 22 + 90 + 182 \\ 332 &:= 1^7 + 2^6 + 2^8 + 10^1 + 16^0 = 17 + 26 + 28 + 101 + 160 \\ 332 &:= 1^7 + 3^0 + 5^1 + 6^2 + 17^2 = 17 + 30 + 51 + 62 + 172 \\ 332 &:= 1^8 + 2^1 + 4^1 + 7^0 + 18^2 = 18 + 21 + 41 + 70 + 182 \\ 332 &:= 1^8 + 3^1 + 3^1 + 7^0 + 18^2 = 18 + 31 + 31 + 70 + 182 \\ 332 &:= 1^9 + 2^0 + 5^1 + 6^0 + 18^2 = 19 + 20 + 51 + 60 + 182 \\ 332 &:= 1^9 + 2^7 + 3^4 + 11^2 + 14^0 = 19 + 27 + 34 + 112 + 140 \\ 332 &:= 1^9 + 3^0 + 5^0 + 5^1 + 18^2 = 19 + 30 + 50 + 51 + 182 \\ 332 &:= 1^9 + 4^0 + 4^0 + 5^1 + 18^2 = 19 + 40 + 40 + 51 + 182 \\ 332 &:= 2^0 + 2^0 + 2^6 + 3^5 + 23^1 = 20 + 20 + 26 + 35 + 231 \\ 332 &:= 2^0 + 2^8 + 4^3 + 10^1 + 14^0 = 20 + 28 + 43 + 101 + 140 \\ 332 &:= 2^0 + 2^8 + 5^2 + 7^2 + 16^0 = 20 + 28 + 52 + 72 + 160 \end{aligned}$$

$$\begin{aligned} 332 &:= 2^1 + 2^4 + 2^4 + 9^1 + 17^2 = 21 + 24 + 24 + 91 + 172 \\ 332 &:= 2^1 + 2^5 + 4^3 + 9^1 + 15^2 = 21 + 25 + 43 + 91 + 152 \\ 332 &:= 2^1 + 2^6 + 4^4 + 9^1 + 15^0 = 21 + 26 + 44 + 91 + 150 \\ 332 &:= 2^1 + 2^6 + 6^1 + 8^2 + 14^2 = 21 + 26 + 61 + 82 + 142 \\ 332 &:= 2^1 + 2^6 + 6^3 + 7^2 + 15^0 = 21 + 26 + 63 + 72 + 150 \\ 332 &:= 2^1 + 2^8 + 8^2 + 9^1 + 11^0 = 21 + 28 + 82 + 91 + 110 \\ 332 &:= 2^1 + 3^3 + 3^3 + 4^4 + 20^1 = 21 + 33 + 33 + 44 + 201 \\ 332 &:= 2^2 + 2^2 + 3^5 + 8^2 + 17^1 = 22 + 22 + 35 + 82 + 171 \\ 332 &:= 2^2 + 2^4 + 4^2 + 10^2 + 14^2 = 22 + 24 + 42 + 102 + 142 \\ 332 &:= 2^2 + 2^7 + 3^1 + 11^0 + 14^2 = 22 + 27 + 31 + 110 + 142 \\ 332 &:= 2^2 + 3^1 + 3^4 + 3^5 + 21^0 = 22 + 31 + 34 + 35 + 210 \\ 332 &:= 2^3 + 2^6 + 3^1 + 9^0 + 16^2 = 23 + 26 + 31 + 90 + 162 \\ 332 &:= 2^3 + 3^2 + 3^3 + 12^2 + 12^2 = 23 + 32 + 33 + 122 + 122 \\ 332 &:= 2^3 + 3^2 + 3^4 + 9^1 + 15^2 = 23 + 32 + 34 + 91 + 152 \\ 332 &:= 2^3 + 3^3 + 4^3 + 8^1 + 15^2 = 23 + 33 + 43 + 81 + 152 \\ 332 &:= 2^3 + 3^3 + 6^2 + 6^2 + 15^2 = 23 + 33 + 62 + 62 + 152 \\ 332 &:= 2^3 + 3^5 + 4^2 + 8^2 + 15^0 = 23 + 35 + 42 + 82 + 150 \\ 332 &:= 2^3 + 3^5 + 4^3 + 7^0 + 16^1 = 23 + 35 + 43 + 70 + 161 \\ 332 &:= 2^3 + 4^2 + 4^3 + 10^2 + 12^2 = 23 + 42 + 43 + 102 + 122 \\ 332 &:= 2^3 + 4^2 + 4^4 + 6^2 + 16^1 = 23 + 42 + 44 + 62 + 161 \\ 332 &:= 2^4 + 2^4 + 3^1 + 8^1 + 17^2 = 24 + 24 + 31 + 81 + 172 \\ 332 &:= 2^4 + 2^4 + 4^1 + 7^1 + 17^2 = 24 + 24 + 41 + 71 + 172 \\ 332 &:= 2^4 + 2^4 + 5^1 + 6^1 + 17^2 = 24 + 24 + 51 + 61 + 172 \\ 332 &:= 2^4 + 3^0 + 3^4 + 6^3 + 18^1 = 24 + 30 + 34 + 63 + 181 \\ 332 &:= 2^4 + 3^2 + 3^4 + 9^0 + 15^2 = 24 + 32 + 34 + 90 + 152 \\ 332 &:= 2^4 + 3^5 + 8^1 + 8^2 + 11^0 = 24 + 35 + 81 + 82 + 110 \\ 332 &:= 2^4 + 5^2 + 6^3 + 8^2 + 11^1 = 24 + 52 + 63 + 82 + 111 \\ 332 &:= 2^4 + 5^3 + 6^1 + 8^2 + 11^2 = 24 + 53 + 61 + 82 + 112 \\ 332 &:= 2^5 + 3^0 + 4^4 + 5^2 + 18^1 = 25 + 30 + 44 + 52 + 181 \\ 332 &:= 2^5 + 3^1 + 3^2 + 12^2 + 12^2 = 25 + 31 + 32 + 122 + 122 \\ 332 &:= 2^5 + 3^1 + 4^3 + 8^1 + 15^2 = 25 + 31 + 43 + 81 + 152 \\ 332 &:= 2^5 + 3^1 + 6^2 + 6^2 + 15^2 = 25 + 31 + 62 + 62 + 152 \\ 332 &:= 2^5 + 3^3 + 4^2 + 7^0 + 16^2 = 25 + 33 + 42 + 70 + 162 \\ 332 &:= 2^5 + 4^1 + 4^3 + 7^1 + 15^2 = 25 + 41 + 43 + 71 + 152 \\ 332 &:= 2^5 + 4^3 + 5^1 + 6^1 + 15^2 = 25 + 43 + 51 + 61 + 152 \\ 332 &:= 2^5 + 4^4 + 6^2 + 7^1 + 13^0 = 25 + 44 + 62 + 71 + 130 \\ 332 &:= 2^6 + 3^0 + 5^2 + 11^2 + 11^2 = 26 + 30 + 52 + 112 + 112 \\ 332 &:= 2^6 + 3^0 + 6^2 + 6^3 + 15^1 = 26 + 30 + 62 + 63 + 151 \end{aligned}$$

$$\begin{aligned}
 332 &:= 2^6 + 3^0 + 7^2 + 7^2 + 13^2 = 26 + 30 + 72 + 72 + 132 \\
 332 &:= 2^6 + 3^1 + 4^4 + 8^1 + 15^0 = 26 + 31 + 44 + 81 + 150 \\
 332 &:= 2^6 + 3^1 + 5^1 + 8^2 + 14^2 = 26 + 31 + 51 + 82 + 142 \\
 332 &:= 2^6 + 4^1 + 4^1 + 8^2 + 14^2 = 26 + 41 + 41 + 82 + 142 \\
 332 &:= 2^6 + 4^1 + 4^4 + 7^1 + 15^0 = 26 + 41 + 44 + 71 + 150 \\
 332 &:= 2^6 + 4^3 + 5^0 + 7^1 + 14^2 = 26 + 43 + 50 + 71 + 142 \\
 332 &:= 2^6 + 4^4 + 5^1 + 6^1 + 15^0 = 26 + 44 + 51 + 61 + 150 \\
 332 &:= 2^7 + 3^0 + 5^2 + 9^1 + 13^2 = 27 + 30 + 52 + 91 + 132 \\
 332 &:= 2^7 + 3^1 + 7^0 + 10^2 + 10^2 = 27 + 31 + 70 + 102 + 102 \\
 332 &:= 2^8 + 3^0 + 4^3 + 10^1 + 13^0 = 28 + 30 + 43 + 101 + 130 \\
 332 &:= 2^8 + 3^0 + 5^2 + 7^2 + 15^0 = 28 + 30 + 52 + 72 + 150 \\
 332 &:= 2^8 + 3^1 + 8^1 + 8^2 + 11^0 = 28 + 31 + 81 + 82 + 110 \\
 332 &:= 2^8 + 4^0 + 4^3 + 10^1 + 12^0 = 28 + 40 + 43 + 101 + 120 \\
 332 &:= 2^8 + 4^0 + 5^2 + 7^2 + 14^0 = 28 + 40 + 52 + 72 + 140 \\
 332 &:= 2^8 + 4^1 + 7^1 + 8^2 + 11^0 = 28 + 41 + 71 + 82 + 110 \\
 332 &:= 2^8 + 4^3 + 5^0 + 10^1 + 11^0 = 28 + 43 + 50 + 101 + 110 \\
 332 &:= 2^8 + 4^3 + 6^0 + 10^0 + 10^1 = 28 + 43 + 60 + 100 + 101 \\
 332 &:= 2^8 + 4^3 + 7^0 + 9^0 + 10^1 = 28 + 43 + 70 + 90 + 101 \\
 332 &:= 2^8 + 4^3 + 8^0 + 8^0 + 10^1 = 28 + 43 + 80 + 80 + 101 \\
 332 &:= 2^8 + 5^0 + 5^2 + 7^2 + 13^0 = 28 + 50 + 52 + 72 + 130 \\
 332 &:= 2^8 + 5^1 + 6^1 + 8^2 + 11^0 = 28 + 51 + 61 + 82 + 110 \\
 332 &:= 2^8 + 5^2 + 6^0 + 7^2 + 12^0 = 28 + 52 + 60 + 72 + 120 \\
 332 &:= 2^8 + 5^2 + 7^0 + 7^2 + 11^0 = 28 + 52 + 70 + 72 + 110 \\
 332 &:= 2^8 + 5^2 + 7^2 + 8^0 + 10^0 = 28 + 52 + 72 + 80 + 100 \\
 332 &:= 2^8 + 5^2 + 7^2 + 9^0 + 9^0 = 28 + 52 + 72 + 90 + 90 \\
 332 &:= 3^1 + 3^3 + 3^3 + 4^4 + 19^1 = 31 + 33 + 33 + 44 + 191 \\
 332 &:= 3^2 + 3^2 + 3^4 + 6^3 + 17^1 = 32 + 32 + 34 + 63 + 171 \\
 332 &:= 3^2 + 3^3 + 3^3 + 10^2 + 13^2 = 32 + 33 + 33 + 102 + 132
 \end{aligned}$$

$$\begin{aligned}
 332 &:= 3^2 + 3^3 + 4^3 + 6^3 + 16^1 = 32 + 33 + 43 + 63 + 161 \\
 332 &:= 3^2 + 3^4 + 4^3 + 9^1 + 13^2 = 32 + 34 + 43 + 91 + 132 \\
 332 &:= 3^2 + 3^4 + 7^2 + 7^2 + 12^2 = 32 + 34 + 72 + 72 + 122 \\
 332 &:= 3^2 + 3^5 + 4^2 + 7^2 + 15^1 = 32 + 35 + 42 + 72 + 151 \\
 332 &:= 3^3 + 3^3 + 3^4 + 9^0 + 14^2 = 33 + 33 + 34 + 90 + 142 \\
 332 &:= 3^3 + 3^3 + 4^1 + 4^4 + 18^1 = 33 + 33 + 41 + 44 + 181 \\
 332 &:= 3^3 + 3^3 + 4^4 + 10^1 + 12^1 = 33 + 33 + 44 + 101 + 121 \\
 332 &:= 3^3 + 3^3 + 4^4 + 11^1 + 11^1 = 33 + 33 + 44 + 111 + 111 \\
 332 &:= 3^3 + 3^3 + 4^4 + 5^1 + 17^1 = 33 + 33 + 44 + 51 + 171 \\
 332 &:= 3^3 + 3^3 + 4^4 + 6^1 + 16^1 = 33 + 33 + 44 + 61 + 161 \\
 332 &:= 3^3 + 3^3 + 4^4 + 7^1 + 15^1 = 33 + 33 + 44 + 71 + 151 \\
 332 &:= 3^3 + 3^3 + 4^4 + 8^1 + 14^1 = 33 + 33 + 44 + 81 + 141 \\
 332 &:= 3^3 + 3^3 + 4^4 + 9^1 + 13^1 = 33 + 33 + 44 + 91 + 131 \\
 332 &:= 3^3 + 3^3 + 5^3 + 9^1 + 12^2 = 33 + 33 + 53 + 91 + 122 \\
 332 &:= 3^3 + 3^3 + 6^3 + 7^2 + 13^1 = 33 + 33 + 63 + 72 + 131 \\
 332 &:= 3^3 + 3^4 + 6^1 + 7^2 + 13^2 = 33 + 34 + 61 + 72 + 132 \\
 332 &:= 3^3 + 3^5 + 5^2 + 6^2 + 15^0 = 33 + 35 + 52 + 62 + 150 \\
 332 &:= 3^3 + 4^2 + 4^2 + 4^4 + 17^1 = 33 + 42 + 42 + 44 + 171 \\
 332 &:= 3^3 + 4^2 + 4^3 + 9^2 + 12^2 = 33 + 42 + 43 + 92 + 122 \\
 332 &:= 3^3 + 4^3 + 4^3 + 8^1 + 13^2 = 33 + 43 + 43 + 81 + 132 \\
 332 &:= 3^3 + 4^3 + 6^2 + 6^2 + 13^2 = 33 + 43 + 62 + 62 + 132 \\
 332 &:= 3^4 + 3^4 + 5^2 + 9^0 + 12^2 = 34 + 34 + 52 + 90 + 122 \\
 332 &:= 3^4 + 4^2 + 5^3 + 10^1 + 10^2 = 34 + 42 + 53 + 101 + 102 \\
 332 &:= 3^4 + 4^3 + 6^1 + 9^2 + 10^2 = 34 + 43 + 61 + 92 + 102 \\
 332 &:= 3^4 + 4^3 + 6^2 + 7^1 + 12^2 = 34 + 43 + 62 + 71 + 122 \\
 332 &:= 3^4 + 5^3 + 6^2 + 9^1 + 9^2 = 34 + 53 + 62 + 91 + 92 \\
 332 &:= 3^5 + 5^2 + 5^2 + 5^2 + 14^1 = 35 + 52 + 52 + 52 + 141
 \end{aligned}$$

2.2.234 Number 333

$$\begin{aligned}
 333 &:= 7^0 + 8^1 + 18^2 = 70 + 81 + 182 \\
 333 &:= 1^0 + 7^0 + 7^1 + 18^2 = 10 + 70 + 71 + 182 \\
 333 &:= 2^0 + 6^0 + 7^1 + 18^2 = 20 + 60 + 71 + 182 \\
 333 &:= 2^6 + 3^5 + 5^2 + 22^0 = 26 + 35 + 52 + 220 \\
 333 &:= 2^8 + 3^3 + 7^2 + 20^0 = 28 + 33 + 72 + 200 \\
 333 &:= 3^0 + 5^0 + 7^1 + 18^2 = 30 + 50 + 71 + 182 \\
 333 &:= 4^0 + 4^0 + 7^1 + 18^2 = 40 + 40 + 71 + 182
 \end{aligned}$$

$$\begin{aligned}
 333 &:= 1^0 + 1^0 + 6^1 + 7^0 + 18^2 = 10 + 10 + 61 + 70 + 182 \\
 333 &:= 1^0 + 2^0 + 6^0 + 6^1 + 18^2 = 10 + 20 + 60 + 61 + 182 \\
 333 &:= 1^0 + 3^0 + 5^0 + 6^1 + 18^2 = 10 + 30 + 50 + 61 + 182 \\
 333 &:= 1^0 + 4^0 + 4^0 + 6^1 + 18^2 = 10 + 40 + 40 + 61 + 182 \\
 333 &:= 1^1 + 1^9 + 6^0 + 6^1 + 18^2 = 11 + 19 + 60 + 61 + 182 \\
 333 &:= 1^1 + 2^0 + 2^6 + 3^5 + 24^1 = 11 + 20 + 26 + 35 + 241 \\
 333 &:= 1^1 + 2^8 + 4^3 + 11^1 + 14^0 = 11 + 28 + 43 + 111 + 140
 \end{aligned}$$

$$\begin{aligned} 333 &:= 1^2 + 1^8 + 6^0 + 6^1 + 18^2 = 12 + 18 + 60 + 61 + 182 \\ 333 &:= 1^2 + 1^9 + 2^6 + 3^5 + 24^1 = 12 + 19 + 26 + 35 + 241 \\ 333 &:= 1^2 + 2^6 + 4^4 + 11^1 + 14^0 = 12 + 26 + 44 + 111 + 140 \\ 333 &:= 1^2 + 2^8 + 8^2 + 10^0 + 11^1 = 12 + 28 + 82 + 100 + 111 \\ 333 &:= 1^3 + 1^7 + 6^0 + 6^1 + 18^2 = 13 + 17 + 60 + 61 + 182 \\ 333 &:= 1^3 + 1^8 + 2^6 + 3^5 + 24^1 = 13 + 18 + 26 + 35 + 241 \\ 333 &:= 1^3 + 2^7 + 7^1 + 8^0 + 14^2 = 13 + 27 + 71 + 80 + 142 \\ 333 &:= 1^3 + 3^4 + 3^4 + 12^0 + 13^2 = 13 + 34 + 34 + 120 + 132 \\ 333 &:= 1^3 + 3^4 + 3^5 + 7^1 + 18^0 = 13 + 34 + 35 + 71 + 180 \\ 333 &:= 1^3 + 3^4 + 5^3 + 5^3 + 18^0 = 13 + 34 + 53 + 53 + 180 \\ 333 &:= 1^4 + 1^6 + 6^0 + 6^1 + 18^2 = 14 + 16 + 60 + 61 + 182 \\ 333 &:= 1^4 + 1^7 + 2^6 + 3^5 + 24^1 = 14 + 17 + 26 + 35 + 241 \\ 333 &:= 1^4 + 2^0 + 2^6 + 11^1 + 16^2 = 14 + 20 + 26 + 111 + 162 \\ 333 &:= 1^5 + 1^5 + 6^0 + 6^1 + 18^2 = 15 + 15 + 60 + 61 + 182 \\ 333 &:= 1^5 + 1^6 + 2^6 + 3^5 + 24^1 = 15 + 16 + 26 + 35 + 241 \\ 333 &:= 1^5 + 1^9 + 2^6 + 11^1 + 16^2 = 15 + 19 + 26 + 111 + 162 \\ 333 &:= 1^5 + 2^0 + 2^5 + 10^1 + 17^2 = 15 + 20 + 25 + 101 + 172 \\ 333 &:= 1^5 + 3^4 + 5^2 + 8^0 + 15^2 = 15 + 34 + 52 + 80 + 152 \\ 333 &:= 1^5 + 3^4 + 6^0 + 9^2 + 13^2 = 15 + 34 + 60 + 92 + 132 \\ 333 &:= 1^5 + 3^5 + 7^1 + 9^2 + 12^0 = 15 + 35 + 71 + 92 + 120 \\ 333 &:= 1^5 + 4^3 + 4^4 + 11^1 + 12^0 = 15 + 43 + 44 + 111 + 120 \\ 333 &:= 1^5 + 5^3 + 5^3 + 9^2 + 12^0 = 15 + 53 + 53 + 92 + 120 \\ 333 &:= 1^6 + 1^8 + 2^6 + 11^1 + 16^2 = 16 + 18 + 26 + 111 + 162 \\ 333 &:= 1^6 + 1^9 + 2^5 + 10^1 + 17^2 = 16 + 19 + 25 + 101 + 172 \\ 333 &:= 1^6 + 4^4 + 8^0 + 8^2 + 11^1 = 16 + 44 + 80 + 82 + 111 \\ 333 &:= 1^7 + 1^7 + 2^6 + 11^1 + 16^2 = 17 + 17 + 26 + 111 + 162 \\ 333 &:= 1^7 + 1^8 + 2^5 + 10^1 + 17^2 = 17 + 18 + 25 + 101 + 172 \\ 333 &:= 1^7 + 2^0 + 5^2 + 9^2 + 15^2 = 17 + 20 + 52 + 92 + 152 \\ 333 &:= 1^7 + 2^0 + 5^3 + 10^1 + 14^2 = 17 + 20 + 53 + 101 + 142 \\ 333 &:= 1^8 + 1^9 + 5^2 + 9^2 + 15^2 = 18 + 19 + 52 + 92 + 152 \\ 333 &:= 1^8 + 1^9 + 5^3 + 10^1 + 14^2 = 18 + 19 + 53 + 101 + 142 \\ 333 &:= 1^8 + 2^0 + 6^1 + 6^2 + 17^2 = 18 + 20 + 61 + 62 + 172 \\ 333 &:= 1^8 + 2^2 + 3^1 + 8^0 + 18^2 = 18 + 22 + 31 + 80 + 182 \\ 333 &:= 1^8 + 2^5 + 2^6 + 6^3 + 20^1 = 18 + 25 + 26 + 63 + 201 \\ 333 &:= 1^8 + 2^6 + 2^8 + 11^1 + 15^0 = 18 + 26 + 28 + 111 + 150 \\ 333 &:= 1^8 + 2^8 + 3^3 + 3^3 + 22^1 = 18 + 28 + 33 + 33 + 221 \\ 333 &:= 1^9 + 1^9 + 6^1 + 6^2 + 17^2 = 19 + 19 + 61 + 62 + 172 \\ 333 &:= 1^9 + 2^1 + 5^1 + 6^0 + 18^2 = 19 + 21 + 51 + 60 + 182 \end{aligned}$$

$$\begin{aligned} 333 &:= 1^9 + 2^3 + 2^8 + 7^2 + 19^1 = 19 + 23 + 28 + 72 + 191 \\ 333 &:= 1^9 + 2^5 + 2^6 + 11^1 + 15^2 = 19 + 25 + 26 + 111 + 152 \\ 333 &:= 1^9 + 3^1 + 4^1 + 6^0 + 18^2 = 19 + 31 + 41 + 60 + 182 \\ 333 &:= 2^0 + 2^0 + 5^0 + 6^1 + 18^2 = 20 + 20 + 50 + 61 + 182 \\ 333 &:= 2^0 + 2^1 + 2^6 + 3^5 + 23^1 = 20 + 21 + 26 + 35 + 231 \\ 333 &:= 2^0 + 2^6 + 3^1 + 3^5 + 22^1 = 20 + 26 + 31 + 35 + 221 \\ 333 &:= 2^0 + 2^6 + 3^5 + 10^1 + 15^1 = 20 + 26 + 35 + 101 + 151 \\ 333 &:= 2^0 + 2^6 + 3^5 + 11^1 + 14^1 = 20 + 26 + 35 + 111 + 141 \\ 333 &:= 2^0 + 2^6 + 3^5 + 12^1 + 13^1 = 20 + 26 + 35 + 121 + 131 \\ 333 &:= 2^0 + 2^6 + 3^5 + 4^1 + 21^1 = 20 + 26 + 35 + 41 + 211 \\ 333 &:= 2^0 + 2^6 + 3^5 + 5^1 + 20^1 = 20 + 26 + 35 + 51 + 201 \\ 333 &:= 2^0 + 2^6 + 3^5 + 6^1 + 19^1 = 20 + 26 + 35 + 61 + 191 \\ 333 &:= 2^0 + 2^6 + 3^5 + 7^1 + 18^1 = 20 + 26 + 35 + 71 + 181 \\ 333 &:= 2^0 + 2^6 + 3^5 + 8^1 + 17^1 = 20 + 26 + 35 + 81 + 171 \\ 333 &:= 2^0 + 2^6 + 3^5 + 9^1 + 16^1 = 20 + 26 + 35 + 91 + 161 \\ 333 &:= 2^0 + 2^6 + 5^3 + 5^3 + 18^1 = 20 + 26 + 53 + 53 + 181 \\ 333 &:= 2^0 + 2^7 + 5^3 + 8^2 + 15^1 = 20 + 27 + 53 + 82 + 151 \\ 333 &:= 2^0 + 2^8 + 3^2 + 7^2 + 18^1 = 20 + 28 + 32 + 72 + 181 \\ 333 &:= 2^0 + 3^0 + 4^0 + 6^1 + 18^2 = 20 + 30 + 40 + 61 + 182 \\ 333 &:= 2^1 + 2^8 + 4^3 + 10^1 + 14^0 = 21 + 28 + 43 + 101 + 140 \\ 333 &:= 2^1 + 2^8 + 5^2 + 7^2 + 16^0 = 21 + 28 + 52 + 72 + 160 \\ 333 &:= 2^2 + 2^2 + 2^7 + 12^0 + 14^2 = 22 + 22 + 27 + 120 + 142 \\ 333 &:= 2^2 + 2^2 + 3^4 + 3^5 + 22^0 = 22 + 22 + 34 + 35 + 220 \\ 333 &:= 2^2 + 2^3 + 2^6 + 10^0 + 16^2 = 22 + 23 + 26 + 100 + 162 \\ 333 &:= 2^2 + 2^6 + 4^4 + 8^1 + 16^0 = 22 + 26 + 44 + 81 + 160 \\ 333 &:= 2^2 + 2^7 + 8^0 + 10^2 + 10^2 = 22 + 27 + 80 + 102 + 102 \\ 333 &:= 2^2 + 2^8 + 8^1 + 8^2 + 12^0 = 22 + 28 + 81 + 82 + 120 \\ 333 &:= 2^3 + 2^6 + 6^0 + 8^2 + 14^2 = 23 + 26 + 60 + 82 + 142 \\ 333 &:= 2^3 + 3^3 + 3^4 + 6^3 + 18^0 = 23 + 33 + 34 + 63 + 180 \\ 333 &:= 2^4 + 3^2 + 3^5 + 8^2 + 16^0 = 24 + 32 + 35 + 82 + 160 \\ 333 &:= 2^4 + 3^5 + 4^3 + 9^1 + 14^0 = 24 + 35 + 43 + 91 + 140 \\ 333 &:= 2^5 + 3^1 + 3^4 + 6^3 + 18^0 = 25 + 31 + 34 + 63 + 180 \\ 333 &:= 2^5 + 3^3 + 4^4 + 6^0 + 17^1 = 25 + 33 + 44 + 60 + 171 \\ 333 &:= 2^5 + 3^5 + 7^2 + 8^1 + 12^0 = 25 + 35 + 72 + 81 + 120 \\ 333 &:= 2^6 + 3^1 + 3^2 + 4^4 + 20^0 = 26 + 31 + 32 + 44 + 200 \\ 333 &:= 2^6 + 3^3 + 4^2 + 8^0 + 15^2 = 26 + 33 + 42 + 80 + 152 \\ 333 &:= 2^6 + 4^2 + 6^2 + 6^3 + 14^0 = 26 + 42 + 62 + 63 + 140 \\ 333 &:= 2^7 + 3^3 + 6^0 + 8^1 + 13^2 = 27 + 33 + 60 + 81 + 132 \end{aligned}$$

$$\begin{aligned}
 333 &:= 2^8 + 3^1 + 3^2 + 8^2 + 16^0 = 28 + 31 + 32 + 82 + 160 \\
 333 &:= 2^8 + 3^1 + 4^3 + 9^1 + 14^0 = 28 + 31 + 43 + 91 + 140 \\
 333 &:= 2^8 + 4^0 + 5^2 + 6^2 + 15^1 = 28 + 40 + 52 + 62 + 151 \\
 333 &:= 2^8 + 4^1 + 4^3 + 8^1 + 14^0 = 28 + 41 + 43 + 81 + 140 \\
 333 &:= 2^8 + 4^1 + 6^2 + 6^2 + 14^0 = 28 + 41 + 62 + 62 + 140
 \end{aligned}$$

$$\begin{aligned}
 333 &:= 2^8 + 4^2 + 7^2 + 8^0 + 11^1 = 28 + 42 + 72 + 80 + 111 \\
 333 &:= 2^8 + 4^3 + 5^1 + 7^1 + 14^0 = 28 + 43 + 51 + 71 + 140 \\
 333 &:= 2^8 + 4^3 + 6^1 + 6^1 + 14^0 = 28 + 43 + 61 + 61 + 140 \\
 333 &:= 3^0 + 3^0 + 3^0 + 6^1 + 18^2 = 30 + 30 + 30 + 61 + 182
 \end{aligned}$$

2.2.235 Number 334

$$\begin{aligned}
 334 &:= 3^2 + 12^0 + 18^2 = 32 + 120 + 182 \\
 334 &:= 1^1 + 6^0 + 8^1 + 18^2 = 11 + 60 + 81 + 182 \\
 334 &:= 1^2 + 2^6 + 3^5 + 26^1 = 12 + 26 + 35 + 261 \\
 334 &:= 1^5 + 2^6 + 13^1 + 16^2 = 15 + 26 + 131 + 162 \\
 334 &:= 1^6 + 2^5 + 12^1 + 17^2 = 16 + 25 + 121 + 172 \\
 334 &:= 1^8 + 5^3 + 12^1 + 14^2 = 18 + 53 + 121 + 142 \\
 334 &:= 1^8 + 8^2 + 10^2 + 13^2 = 18 + 82 + 102 + 132 \\
 334 &:= 1^9 + 2^3 + 11^0 + 18^2 = 19 + 23 + 110 + 182 \\
 334 &:= 1^9 + 6^2 + 8^1 + 17^2 = 19 + 62 + 81 + 172 \\
 334 &:= 2^1 + 6^0 + 7^1 + 18^2 = 21 + 60 + 71 + 182 \\
 334 &:= 2^3 + 2^8 + 7^2 + 21^1 = 23 + 28 + 72 + 211 \\
 334 &:= 2^5 + 2^6 + 13^1 + 15^2 = 25 + 26 + 131 + 152 \\
 334 &:= 3^1 + 6^0 + 6^1 + 18^2 = 31 + 60 + 61 + 182 \\
 334 &:= 4^1 + 5^1 + 6^0 + 18^2 = 41 + 51 + 60 + 182 \\
 334 &:= 1^0 + 1^1 + 6^0 + 7^1 + 18^2 = 10 + 11 + 60 + 71 + 182 \\
 334 &:= 1^0 + 1^2 + 2^6 + 3^5 + 25^1 = 10 + 12 + 26 + 35 + 251 \\
 334 &:= 1^0 + 1^5 + 2^6 + 12^1 + 16^2 = 10 + 15 + 26 + 121 + 162 \\
 334 &:= 1^0 + 1^6 + 2^5 + 11^1 + 17^2 = 10 + 16 + 25 + 111 + 172 \\
 334 &:= 1^0 + 1^8 + 5^3 + 11^1 + 14^2 = 10 + 18 + 53 + 111 + 142 \\
 334 &:= 1^0 + 1^8 + 6^2 + 10^2 + 14^2 = 10 + 18 + 62 + 102 + 142 \\
 334 &:= 1^0 + 1^9 + 6^2 + 7^1 + 17^2 = 10 + 19 + 62 + 71 + 172 \\
 334 &:= 1^0 + 2^1 + 6^0 + 6^1 + 18^2 = 10 + 21 + 60 + 61 + 182 \\
 334 &:= 1^0 + 2^3 + 2^8 + 7^2 + 20^1 = 10 + 23 + 28 + 72 + 201 \\
 334 &:= 1^0 + 2^5 + 2^6 + 12^1 + 15^2 = 10 + 25 + 26 + 121 + 152 \\
 334 &:= 1^0 + 3^1 + 5^1 + 6^0 + 18^2 = 10 + 31 + 51 + 60 + 182 \\
 334 &:= 1^0 + 4^1 + 4^1 + 6^0 + 18^2 = 10 + 41 + 41 + 60 + 182 \\
 334 &:= 1^1 + 1^1 + 2^6 + 3^5 + 25^1 = 11 + 11 + 26 + 35 + 251 \\
 334 &:= 1^1 + 1^4 + 2^6 + 12^1 + 16^2 = 11 + 14 + 26 + 121 + 162 \\
 334 &:= 1^1 + 1^5 + 2^5 + 11^1 + 17^2 = 11 + 15 + 25 + 111 + 172 \\
 334 &:= 1^1 + 1^7 + 5^3 + 11^1 + 14^2 = 11 + 17 + 53 + 111 + 142
 \end{aligned}$$

$$\begin{aligned}
 334 &:= 1^1 + 1^7 + 6^2 + 10^2 + 14^2 = 11 + 17 + 62 + 102 + 142 \\
 334 &:= 1^1 + 1^8 + 6^2 + 7^1 + 17^2 = 11 + 18 + 62 + 71 + 172 \\
 334 &:= 1^1 + 2^0 + 5^0 + 7^1 + 18^2 = 11 + 20 + 50 + 71 + 182 \\
 334 &:= 1^1 + 2^1 + 2^6 + 3^5 + 24^1 = 11 + 21 + 26 + 35 + 241 \\
 334 &:= 1^1 + 2^6 + 3^1 + 3^5 + 23^1 = 11 + 26 + 31 + 35 + 231 \\
 334 &:= 1^1 + 2^6 + 3^5 + 10^1 + 16^1 = 11 + 26 + 35 + 101 + 161 \\
 334 &:= 1^1 + 2^6 + 3^5 + 11^1 + 15^1 = 11 + 26 + 35 + 111 + 151 \\
 334 &:= 1^1 + 2^6 + 3^5 + 12^1 + 14^1 = 11 + 26 + 35 + 121 + 141 \\
 334 &:= 1^1 + 2^6 + 3^5 + 13^1 + 13^1 = 11 + 26 + 35 + 131 + 131 \\
 334 &:= 1^1 + 2^6 + 3^5 + 4^1 + 22^1 = 11 + 26 + 35 + 41 + 221 \\
 334 &:= 1^1 + 2^6 + 3^5 + 5^1 + 21^1 = 11 + 26 + 35 + 51 + 211 \\
 334 &:= 1^1 + 2^6 + 3^5 + 5^2 + 21^0 = 11 + 26 + 35 + 52 + 210 \\
 334 &:= 1^1 + 2^6 + 3^5 + 6^1 + 20^1 = 11 + 26 + 35 + 61 + 201 \\
 334 &:= 1^1 + 2^6 + 3^5 + 7^1 + 19^1 = 11 + 26 + 35 + 71 + 191 \\
 334 &:= 1^1 + 2^6 + 3^5 + 8^1 + 18^1 = 11 + 26 + 35 + 81 + 181 \\
 334 &:= 1^1 + 2^6 + 3^5 + 9^1 + 17^1 = 11 + 26 + 35 + 91 + 171 \\
 334 &:= 1^1 + 2^6 + 5^3 + 5^3 + 19^1 = 11 + 26 + 53 + 53 + 191 \\
 334 &:= 1^1 + 2^7 + 5^3 + 8^2 + 16^1 = 11 + 27 + 53 + 82 + 161 \\
 334 &:= 1^1 + 2^8 + 3^2 + 7^2 + 19^1 = 11 + 28 + 32 + 72 + 191 \\
 334 &:= 1^1 + 2^8 + 3^3 + 7^2 + 19^0 = 11 + 28 + 33 + 72 + 190 \\
 334 &:= 1^1 + 3^0 + 4^0 + 7^1 + 18^2 = 11 + 30 + 40 + 71 + 182 \\
 334 &:= 1^2 + 1^3 + 2^6 + 12^1 + 16^2 = 12 + 13 + 26 + 121 + 162 \\
 334 &:= 1^2 + 1^4 + 2^5 + 11^1 + 17^2 = 12 + 14 + 25 + 111 + 172 \\
 334 &:= 1^2 + 1^6 + 5^3 + 11^1 + 14^2 = 12 + 16 + 53 + 111 + 142 \\
 334 &:= 1^2 + 1^6 + 6^2 + 10^2 + 14^2 = 12 + 16 + 62 + 102 + 142 \\
 334 &:= 1^2 + 1^7 + 6^2 + 7^1 + 17^2 = 12 + 17 + 62 + 71 + 172 \\
 334 &:= 1^2 + 1^9 + 5^0 + 7^1 + 18^2 = 12 + 19 + 50 + 71 + 182 \\
 334 &:= 1^2 + 2^3 + 2^7 + 13^0 + 14^2 = 12 + 23 + 27 + 130 + 142 \\
 334 &:= 1^2 + 2^3 + 3^4 + 3^5 + 23^0 = 12 + 23 + 34 + 35 + 230 \\
 334 &:= 1^2 + 2^4 + 3^4 + 6^3 + 20^1 = 12 + 24 + 34 + 63 + 201
 \end{aligned}$$

$$\begin{aligned} 334 &:= 1^2 + 2^5 + 4^4 + 5^2 + 20^1 = 12 + 25 + 44 + 52 + 201 \\ 334 &:= 1^2 + 2^6 + 6^2 + 6^3 + 17^1 = 12 + 26 + 62 + 63 + 171 \\ 334 &:= 1^2 + 2^7 + 5^2 + 11^1 + 13^2 = 12 + 27 + 52 + 111 + 132 \\ 334 &:= 1^2 + 2^8 + 4^3 + 12^1 + 13^0 = 12 + 28 + 43 + 121 + 130 \\ 334 &:= 1^3 + 1^3 + 2^5 + 11^1 + 17^2 = 13 + 13 + 25 + 111 + 172 \\ 334 &:= 1^3 + 1^5 + 5^3 + 11^1 + 14^2 = 13 + 15 + 53 + 111 + 142 \\ 334 &:= 1^3 + 1^5 + 6^2 + 10^2 + 14^2 = 13 + 15 + 62 + 102 + 142 \\ 334 &:= 1^3 + 1^6 + 6^2 + 7^1 + 17^2 = 13 + 16 + 62 + 71 + 172 \\ 334 &:= 1^3 + 1^8 + 5^0 + 7^1 + 18^2 = 13 + 18 + 50 + 71 + 182 \\ 334 &:= 1^3 + 2^2 + 3^5 + 4^3 + 22^1 = 13 + 22 + 35 + 43 + 221 \\ 334 &:= 1^3 + 2^3 + 3^5 + 8^2 + 18^1 = 13 + 23 + 35 + 82 + 181 \\ 334 &:= 1^3 + 2^4 + 3^4 + 11^1 + 15^2 = 13 + 24 + 34 + 111 + 152 \\ 334 &:= 1^3 + 2^5 + 6^2 + 11^2 + 12^2 = 13 + 25 + 62 + 112 + 122 \\ 334 &:= 1^3 + 2^6 + 4^4 + 12^1 + 13^0 = 13 + 26 + 44 + 121 + 130 \\ 334 &:= 1^3 + 2^6 + 6^2 + 8^1 + 15^2 = 13 + 26 + 62 + 81 + 152 \\ 334 &:= 1^3 + 2^8 + 8^2 + 9^0 + 12^1 = 13 + 28 + 82 + 90 + 121 \\ 334 &:= 1^4 + 1^4 + 5^3 + 11^1 + 14^2 = 14 + 14 + 53 + 111 + 142 \\ 334 &:= 1^4 + 1^4 + 6^2 + 10^2 + 14^2 = 14 + 14 + 62 + 102 + 142 \\ 334 &:= 1^4 + 1^5 + 6^2 + 7^1 + 17^2 = 14 + 15 + 62 + 71 + 172 \\ 334 &:= 1^4 + 1^7 + 5^0 + 7^1 + 18^2 = 14 + 17 + 50 + 71 + 182 \\ 334 &:= 1^4 + 2^1 + 2^6 + 11^1 + 16^2 = 14 + 21 + 26 + 111 + 162 \\ 334 &:= 1^4 + 2^3 + 3^5 + 9^2 + 17^0 = 14 + 23 + 35 + 92 + 170 \\ 334 &:= 1^4 + 2^5 + 5^1 + 10^2 + 14^2 = 14 + 25 + 51 + 102 + 142 \\ 334 &:= 1^4 + 2^6 + 3^1 + 10^1 + 16^2 = 14 + 26 + 31 + 101 + 162 \\ 334 &:= 1^4 + 2^6 + 4^1 + 9^1 + 16^2 = 14 + 26 + 41 + 91 + 162 \\ 334 &:= 1^4 + 2^6 + 5^1 + 8^1 + 16^2 = 14 + 26 + 51 + 81 + 162 \\ 334 &:= 1^4 + 2^6 + 6^1 + 7^1 + 16^2 = 14 + 26 + 61 + 71 + 162 \\ 334 &:= 1^4 + 2^7 + 7^0 + 8^1 + 14^2 = 14 + 27 + 70 + 81 + 142 \\ 334 &:= 1^4 + 3^2 + 3^5 + 8^2 + 17^1 = 14 + 32 + 35 + 82 + 171 \\ 334 &:= 1^4 + 3^4 + 3^5 + 8^1 + 17^0 = 14 + 34 + 35 + 81 + 170 \\ 334 &:= 1^4 + 3^5 + 4^3 + 5^2 + 19^0 = 14 + 35 + 43 + 52 + 190 \\ 334 &:= 1^4 + 3^5 + 5^2 + 7^2 + 16^1 = 14 + 35 + 52 + 72 + 161 \\ 334 &:= 1^5 + 1^6 + 5^0 + 7^1 + 18^2 = 15 + 16 + 50 + 71 + 182 \\ 334 &:= 1^5 + 2^1 + 2^5 + 10^1 + 17^2 = 15 + 21 + 25 + 101 + 172 \\ 334 &:= 1^5 + 2^3 + 3^3 + 9^1 + 17^2 = 15 + 23 + 33 + 91 + 172 \\ 334 &:= 1^5 + 2^3 + 6^2 + 8^2 + 15^2 = 15 + 23 + 62 + 82 + 152 \\ 334 &:= 1^5 + 2^4 + 3^3 + 9^0 + 17^2 = 15 + 24 + 33 + 90 + 172 \\ 334 &:= 1^5 + 2^4 + 4^1 + 12^2 + 13^2 = 15 + 24 + 41 + 122 + 132 \end{aligned}$$

$$\begin{aligned} 334 &:= 1^5 + 2^4 + 6^3 + 10^2 + 13^0 = 15 + 24 + 63 + 102 + 130 \\ 334 &:= 1^5 + 2^5 + 3^1 + 9^1 + 17^2 = 15 + 25 + 31 + 91 + 172 \\ 334 &:= 1^5 + 2^5 + 4^1 + 8^1 + 17^2 = 15 + 25 + 41 + 81 + 172 \\ 334 &:= 1^5 + 2^5 + 5^1 + 7^1 + 17^2 = 15 + 25 + 51 + 71 + 172 \\ 334 &:= 1^5 + 2^5 + 6^1 + 6^1 + 17^2 = 15 + 25 + 61 + 61 + 172 \\ 334 &:= 1^5 + 3^3 + 4^2 + 11^2 + 13^2 = 15 + 33 + 42 + 112 + 132 \\ 334 &:= 1^5 + 3^3 + 4^4 + 7^2 + 17^0 = 15 + 33 + 44 + 72 + 170 \\ 334 &:= 1^5 + 3^4 + 7^1 + 7^2 + 14^2 = 15 + 34 + 71 + 72 + 142 \\ 334 &:= 1^5 + 3^5 + 5^2 + 8^2 + 15^0 = 15 + 35 + 52 + 82 + 150 \\ 334 &:= 1^5 + 4^3 + 4^3 + 9^1 + 14^2 = 15 + 43 + 43 + 91 + 142 \\ 334 &:= 1^5 + 4^3 + 5^2 + 10^2 + 12^2 = 15 + 43 + 52 + 102 + 122 \\ 334 &:= 1^5 + 4^3 + 6^2 + 8^2 + 13^2 = 15 + 43 + 62 + 82 + 132 \\ 334 &:= 1^5 + 4^4 + 5^2 + 6^2 + 16^1 = 15 + 44 + 52 + 62 + 161 \\ 334 &:= 1^6 + 2^2 + 4^2 + 12^2 + 13^2 = 16 + 22 + 42 + 122 + 132 \\ 334 &:= 1^6 + 2^2 + 4^3 + 9^1 + 16^2 = 16 + 22 + 43 + 91 + 162 \\ 334 &:= 1^6 + 2^2 + 6^3 + 10^2 + 13^1 = 16 + 22 + 63 + 102 + 131 \\ 334 &:= 1^6 + 2^3 + 5^1 + 8^2 + 16^2 = 16 + 23 + 51 + 82 + 162 \\ 334 &:= 1^6 + 3^2 + 3^3 + 8^1 + 17^2 = 16 + 32 + 33 + 81 + 172 \\ 334 &:= 1^6 + 3^5 + 8^1 + 9^2 + 11^0 = 16 + 35 + 81 + 92 + 110 \\ 334 &:= 1^6 + 4^1 + 4^3 + 11^2 + 12^2 = 16 + 41 + 43 + 112 + 122 \\ 334 &:= 1^6 + 4^2 + 5^2 + 6^2 + 16^2 = 16 + 42 + 52 + 62 + 162 \\ 334 &:= 1^6 + 4^3 + 4^4 + 11^0 + 12^1 = 16 + 43 + 44 + 110 + 121 \\ 334 &:= 1^6 + 5^2 + 6^3 + 9^2 + 11^1 = 16 + 52 + 63 + 92 + 111 \\ 334 &:= 1^6 + 5^3 + 6^1 + 9^2 + 11^2 = 16 + 53 + 61 + 92 + 112 \\ 334 &:= 1^7 + 2^1 + 5^2 + 9^2 + 15^2 = 17 + 21 + 52 + 92 + 152 \\ 334 &:= 1^7 + 2^1 + 5^3 + 10^1 + 14^2 = 17 + 21 + 53 + 101 + 142 \\ 334 &:= 1^7 + 2^2 + 4^1 + 10^2 + 15^2 = 17 + 22 + 41 + 102 + 152 \\ 334 &:= 1^7 + 3^1 + 5^2 + 7^2 + 16^2 = 17 + 31 + 52 + 72 + 162 \\ 334 &:= 1^7 + 3^1 + 5^3 + 9^1 + 14^2 = 17 + 31 + 53 + 91 + 142 \\ 334 &:= 1^7 + 3^2 + 4^1 + 8^2 + 16^2 = 17 + 32 + 41 + 82 + 162 \\ 334 &:= 1^7 + 3^3 + 4^2 + 7^0 + 17^2 = 17 + 33 + 42 + 70 + 172 \\ 334 &:= 1^7 + 3^3 + 5^0 + 7^2 + 16^2 = 17 + 33 + 50 + 72 + 162 \\ 334 &:= 1^7 + 4^1 + 5^3 + 8^1 + 14^2 = 17 + 41 + 53 + 81 + 142 \\ 334 &:= 1^7 + 4^2 + 6^3 + 10^2 + 11^0 = 17 + 42 + 63 + 102 + 110 \\ 334 &:= 1^7 + 4^4 + 7^0 + 8^2 + 12^1 = 17 + 44 + 70 + 82 + 121 \\ 334 &:= 1^7 + 5^1 + 5^3 + 7^1 + 14^2 = 17 + 51 + 53 + 71 + 142 \\ 334 &:= 1^7 + 5^3 + 6^1 + 6^1 + 14^2 = 17 + 53 + 61 + 61 + 142 \\ 334 &:= 1^8 + 2^1 + 6^1 + 6^2 + 17^2 = 18 + 21 + 61 + 62 + 172 \end{aligned}$$

$$\begin{aligned} 334 &:= 1^8 + 2^2 + 2^2 + 9^0 + 18^2 = 18 + 22 + 22 + 90 + 182 \\ 334 &:= 1^8 + 3^1 + 5^1 + 6^2 + 17^2 = 18 + 31 + 51 + 62 + 172 \\ 334 &:= 1^8 + 4^1 + 4^1 + 6^2 + 17^2 = 18 + 41 + 41 + 62 + 172 \\ 334 &:= 1^9 + 2^2 + 4^1 + 7^0 + 18^2 = 19 + 22 + 41 + 70 + 182 \\ 334 &:= 1^9 + 2^6 + 2^8 + 12^1 + 14^0 = 19 + 26 + 28 + 121 + 140 \\ 334 &:= 2^0 + 2^1 + 5^0 + 6^1 + 18^2 = 20 + 21 + 50 + 61 + 182 \\ 334 &:= 2^0 + 3^1 + 5^0 + 5^1 + 18^2 = 20 + 31 + 50 + 51 + 182 \\ 334 &:= 2^0 + 4^1 + 4^1 + 5^0 + 18^2 = 20 + 41 + 41 + 50 + 182 \\ 334 &:= 2^1 + 2^1 + 2^6 + 3^5 + 23^1 = 21 + 21 + 26 + 35 + 231 \\ 334 &:= 2^1 + 2^6 + 3^1 + 3^5 + 22^1 = 21 + 26 + 31 + 35 + 221 \\ 334 &:= 2^1 + 2^6 + 3^5 + 10^1 + 15^1 = 21 + 26 + 35 + 101 + 151 \\ 334 &:= 2^1 + 2^6 + 3^5 + 11^1 + 14^1 = 21 + 26 + 35 + 111 + 141 \\ 334 &:= 2^1 + 2^6 + 3^5 + 12^1 + 13^1 = 21 + 26 + 35 + 121 + 131 \\ 334 &:= 2^1 + 2^6 + 3^5 + 4^1 + 21^1 = 21 + 26 + 35 + 41 + 211 \\ 334 &:= 2^1 + 2^6 + 3^5 + 5^1 + 20^1 = 21 + 26 + 35 + 51 + 201 \\ 334 &:= 2^1 + 2^6 + 3^5 + 6^1 + 19^1 = 21 + 26 + 35 + 61 + 191 \\ 334 &:= 2^1 + 2^6 + 3^5 + 7^1 + 18^1 = 21 + 26 + 35 + 71 + 181 \\ 334 &:= 2^1 + 2^6 + 3^5 + 8^1 + 17^1 = 21 + 26 + 35 + 81 + 171 \\ 334 &:= 2^1 + 2^6 + 3^5 + 9^1 + 16^1 = 21 + 26 + 35 + 91 + 161 \\ 334 &:= 2^1 + 2^6 + 5^3 + 5^3 + 18^1 = 21 + 26 + 53 + 53 + 181 \\ 334 &:= 2^1 + 2^7 + 5^3 + 8^2 + 15^1 = 21 + 27 + 53 + 82 + 151 \\ 334 &:= 2^1 + 2^8 + 3^2 + 7^2 + 18^1 = 21 + 28 + 32 + 72 + 181 \\ 334 &:= 2^1 + 3^0 + 4^0 + 6^1 + 18^2 = 21 + 30 + 40 + 61 + 182 \\ 334 &:= 2^2 + 2^5 + 3^4 + 6^3 + 19^0 = 22 + 25 + 34 + 63 + 190 \\ 334 &:= 2^2 + 2^5 + 4^3 + 6^3 + 18^1 = 22 + 25 + 43 + 63 + 181 \\ 334 &:= 2^2 + 2^6 + 3^0 + 3^5 + 22^1 = 22 + 26 + 30 + 35 + 221 \\ 334 &:= 2^2 + 2^6 + 3^2 + 4^4 + 21^0 = 22 + 26 + 32 + 44 + 210 \\ 334 &:= 2^2 + 2^6 + 8^2 + 9^2 + 11^2 = 22 + 26 + 82 + 92 + 112 \\ 334 &:= 2^2 + 2^7 + 7^2 + 9^1 + 12^2 = 22 + 27 + 72 + 91 + 122 \\ 334 &:= 2^2 + 2^8 + 3^2 + 8^2 + 17^0 = 22 + 28 + 32 + 82 + 170 \\ 334 &:= 2^2 + 2^8 + 4^3 + 9^1 + 15^0 = 22 + 28 + 43 + 91 + 150 \\ 334 &:= 2^3 + 2^4 + 4^4 + 6^2 + 18^1 = 23 + 24 + 44 + 62 + 181 \\ 334 &:= 2^3 + 2^5 + 5^2 + 10^2 + 13^2 = 23 + 25 + 52 + 102 + 132 \\ 334 &:= 2^3 + 2^5 + 6^3 + 8^2 + 14^1 = 23 + 25 + 63 + 82 + 141 \\ 334 &:= 2^3 + 2^5 + 7^2 + 7^2 + 14^2 = 23 + 25 + 72 + 72 + 142 \\ 334 &:= 2^3 + 2^6 + 4^4 + 5^1 + 19^0 = 23 + 26 + 44 + 51 + 190 \\ 334 &:= 2^3 + 2^8 + 5^1 + 8^2 + 15^0 = 23 + 28 + 51 + 82 + 150 \\ 334 &:= 2^4 + 2^4 + 5^2 + 9^2 + 14^2 = 24 + 24 + 52 + 92 + 142 \end{aligned}$$

$$\begin{aligned} 334 &:= 2^4 + 3^2 + 3^5 + 7^2 + 17^1 = 24 + 32 + 35 + 72 + 171 \\ 334 &:= 2^4 + 3^3 + 4^2 + 4^4 + 19^1 = 24 + 33 + 42 + 44 + 191 \\ 334 &:= 2^4 + 3^4 + 5^3 + 10^2 + 12^1 = 24 + 34 + 53 + 102 + 121 \\ 334 &:= 2^5 + 2^5 + 5^0 + 10^2 + 13^2 = 25 + 25 + 50 + 102 + 132 \\ 334 &:= 2^5 + 3^2 + 3^5 + 7^2 + 17^0 = 25 + 32 + 35 + 72 + 170 \\ 334 &:= 2^5 + 3^3 + 5^2 + 9^2 + 13^2 = 25 + 33 + 52 + 92 + 132 \\ 334 &:= 2^5 + 3^4 + 4^2 + 9^1 + 14^2 = 25 + 34 + 42 + 91 + 142 \\ 334 &:= 2^5 + 4^3 + 6^2 + 9^2 + 11^2 = 25 + 43 + 62 + 92 + 112 \\ 334 &:= 2^6 + 3^1 + 3^1 + 3^5 + 21^1 = 26 + 31 + 31 + 35 + 211 \\ 334 &:= 2^6 + 3^1 + 3^5 + 10^1 + 14^1 = 26 + 31 + 35 + 101 + 141 \\ 334 &:= 2^6 + 3^1 + 3^5 + 11^1 + 13^1 = 26 + 31 + 35 + 111 + 131 \\ 334 &:= 2^6 + 3^1 + 3^5 + 12^1 + 12^1 = 26 + 31 + 35 + 121 + 121 \\ 334 &:= 2^6 + 3^1 + 3^5 + 4^1 + 20^1 = 26 + 31 + 35 + 41 + 201 \\ 334 &:= 2^6 + 3^1 + 3^5 + 5^1 + 19^1 = 26 + 31 + 35 + 51 + 191 \\ 334 &:= 2^6 + 3^1 + 3^5 + 6^1 + 18^1 = 26 + 31 + 35 + 61 + 181 \\ 334 &:= 2^6 + 3^1 + 3^5 + 7^1 + 17^1 = 26 + 31 + 35 + 71 + 171 \\ 334 &:= 2^6 + 3^1 + 3^5 + 8^1 + 16^1 = 26 + 31 + 35 + 81 + 161 \\ 334 &:= 2^6 + 3^1 + 3^5 + 9^1 + 15^1 = 26 + 31 + 35 + 91 + 151 \\ 334 &:= 2^6 + 3^1 + 5^3 + 5^3 + 17^1 = 26 + 31 + 53 + 53 + 171 \\ 334 &:= 2^6 + 3^2 + 3^3 + 9^1 + 15^2 = 26 + 32 + 33 + 91 + 152 \\ 334 &:= 2^6 + 3^2 + 3^5 + 7^0 + 17^1 = 26 + 32 + 35 + 70 + 171 \\ 334 &:= 2^6 + 3^2 + 6^2 + 9^2 + 12^2 = 26 + 32 + 62 + 92 + 122 \\ 334 &:= 2^6 + 3^5 + 4^1 + 10^1 + 13^1 = 26 + 35 + 41 + 101 + 131 \\ 334 &:= 2^6 + 3^5 + 4^1 + 11^1 + 12^1 = 26 + 35 + 41 + 111 + 121 \\ 334 &:= 2^6 + 3^5 + 4^1 + 4^1 + 19^1 = 26 + 35 + 41 + 41 + 191 \\ 334 &:= 2^6 + 3^5 + 4^1 + 5^1 + 18^1 = 26 + 35 + 41 + 51 + 181 \\ 334 &:= 2^6 + 3^5 + 4^1 + 6^1 + 17^1 = 26 + 35 + 41 + 61 + 171 \\ 334 &:= 2^6 + 3^5 + 4^1 + 7^1 + 16^1 = 26 + 35 + 41 + 71 + 161 \\ 334 &:= 2^6 + 3^5 + 4^1 + 8^1 + 15^1 = 26 + 35 + 41 + 81 + 151 \\ 334 &:= 2^6 + 3^5 + 4^1 + 9^1 + 14^1 = 26 + 35 + 41 + 91 + 141 \\ 334 &:= 2^6 + 3^5 + 4^2 + 10^1 + 13^0 = 26 + 35 + 42 + 101 + 130 \\ 334 &:= 2^6 + 3^5 + 5^1 + 10^1 + 12^1 = 26 + 35 + 51 + 101 + 121 \\ 334 &:= 2^6 + 3^5 + 5^1 + 11^1 + 11^1 = 26 + 35 + 51 + 111 + 111 \\ 334 &:= 2^6 + 3^5 + 5^1 + 5^1 + 17^1 = 26 + 35 + 51 + 51 + 171 \\ 334 &:= 2^6 + 3^5 + 5^1 + 6^1 + 16^1 = 26 + 35 + 51 + 61 + 161 \\ 334 &:= 2^6 + 3^5 + 5^1 + 7^1 + 15^1 = 26 + 35 + 51 + 71 + 151 \\ 334 &:= 2^6 + 3^5 + 5^1 + 8^1 + 14^1 = 26 + 35 + 51 + 81 + 141 \\ 334 &:= 2^6 + 3^5 + 5^1 + 9^1 + 13^1 = 26 + 35 + 51 + 91 + 131 \end{aligned}$$

$$\begin{aligned}
 334 &:= 2^6 + 3^5 + 6^1 + 10^1 + 11^1 = 26 + 35 + 61 + 101 + 111 \\
 334 &:= 2^6 + 3^5 + 6^1 + 6^1 + 15^1 = 26 + 35 + 61 + 61 + 151 \\
 334 &:= 2^6 + 3^5 + 6^1 + 7^1 + 14^1 = 26 + 35 + 61 + 71 + 141 \\
 334 &:= 2^6 + 3^5 + 6^1 + 8^1 + 13^1 = 26 + 35 + 61 + 81 + 131 \\
 334 &:= 2^6 + 3^5 + 6^1 + 9^1 + 12^1 = 26 + 35 + 61 + 91 + 121 \\
 334 &:= 2^6 + 3^5 + 7^1 + 10^1 + 10^1 = 26 + 35 + 71 + 101 + 101 \\
 334 &:= 2^6 + 3^5 + 7^1 + 7^1 + 13^1 = 26 + 35 + 71 + 71 + 131 \\
 334 &:= 2^6 + 3^5 + 7^1 + 8^1 + 12^1 = 26 + 35 + 71 + 81 + 121 \\
 334 &:= 2^6 + 3^5 + 7^1 + 9^1 + 11^1 = 26 + 35 + 71 + 91 + 111 \\
 334 &:= 2^6 + 3^5 + 8^1 + 8^1 + 11^1 = 26 + 35 + 81 + 81 + 111 \\
 334 &:= 2^6 + 3^5 + 8^1 + 9^1 + 10^1 = 26 + 35 + 81 + 91 + 101 \\
 334 &:= 2^6 + 3^5 + 9^1 + 9^1 + 9^1 = 26 + 35 + 91 + 91 + 91 \\
 334 &:= 2^6 + 4^1 + 5^3 + 5^3 + 16^1 = 26 + 41 + 53 + 53 + 161 \\
 334 &:= 2^6 + 4^2 + 6^2 + 7^2 + 13^2 = 26 + 42 + 62 + 72 + 132 \\
 334 &:= 2^6 + 4^3 + 6^1 + 10^2 + 10^2 = 26 + 43 + 61 + 102 + 102 \\
 334 &:= 2^6 + 5^1 + 5^3 + 5^3 + 15^1 = 26 + 51 + 53 + 53 + 151 \\
 334 &:= 2^6 + 5^3 + 5^3 + 10^1 + 10^1 = 26 + 53 + 53 + 101 + 101 \\
 334 &:= 2^6 + 5^3 + 5^3 + 6^1 + 14^1 = 26 + 53 + 53 + 61 + 141 \\
 334 &:= 2^6 + 5^3 + 5^3 + 7^1 + 13^1 = 26 + 53 + 53 + 71 + 131 \\
 334 &:= 2^6 + 5^3 + 5^3 + 8^1 + 12^1 = 26 + 53 + 53 + 81 + 121 \\
 334 &:= 2^6 + 5^3 + 5^3 + 9^1 + 11^1 = 26 + 53 + 53 + 91 + 111 \\
 334 &:= 2^6 + 5^3 + 6^2 + 9^1 + 10^2 = 26 + 53 + 62 + 91 + 102 \\
 334 &:= 2^7 + 3^1 + 3^4 + 11^2 + 13^0 = 27 + 31 + 34 + 112 + 130 \\
 334 &:= 2^7 + 3^1 + 5^3 + 8^2 + 14^1 = 27 + 31 + 53 + 82 + 141
 \end{aligned}$$

$$\begin{aligned}
 334 &:= 2^7 + 3^2 + 3^3 + 11^0 + 13^2 = 27 + 32 + 33 + 110 + 132 \\
 334 &:= 2^7 + 4^1 + 5^3 + 8^2 + 13^1 = 27 + 41 + 53 + 82 + 131 \\
 334 &:= 2^7 + 4^2 + 5^3 + 8^2 + 13^0 = 27 + 42 + 53 + 82 + 130 \\
 334 &:= 2^7 + 4^3 + 5^0 + 5^3 + 16^1 = 27 + 43 + 50 + 53 + 161 \\
 334 &:= 2^7 + 5^1 + 5^3 + 8^2 + 12^1 = 27 + 51 + 53 + 82 + 121 \\
 334 &:= 2^7 + 5^3 + 6^1 + 8^2 + 11^1 = 27 + 53 + 61 + 82 + 111 \\
 334 &:= 2^7 + 5^3 + 7^1 + 8^2 + 10^1 = 27 + 53 + 71 + 82 + 101 \\
 334 &:= 2^7 + 5^3 + 8^1 + 8^2 + 9^1 = 27 + 53 + 81 + 82 + 91 \\
 334 &:= 2^7 + 6^1 + 6^2 + 8^2 + 10^2 = 27 + 61 + 62 + 82 + 102 \\
 334 &:= 2^8 + 3^1 + 3^2 + 7^2 + 17^1 = 28 + 31 + 32 + 72 + 171 \\
 334 &:= 2^8 + 3^2 + 4^1 + 4^3 + 19^0 = 28 + 32 + 41 + 43 + 190 \\
 334 &:= 2^8 + 3^2 + 4^1 + 7^2 + 16^1 = 28 + 32 + 41 + 72 + 161 \\
 334 &:= 2^8 + 3^2 + 5^1 + 7^2 + 15^1 = 28 + 32 + 51 + 72 + 151 \\
 334 &:= 2^8 + 3^2 + 6^1 + 7^2 + 14^1 = 28 + 32 + 61 + 72 + 141 \\
 334 &:= 2^8 + 3^2 + 7^1 + 7^2 + 13^1 = 28 + 32 + 71 + 72 + 131 \\
 334 &:= 2^8 + 3^2 + 7^2 + 10^1 + 10^1 = 28 + 32 + 72 + 101 + 101 \\
 334 &:= 2^8 + 3^2 + 7^2 + 8^1 + 12^1 = 28 + 32 + 72 + 81 + 121 \\
 334 &:= 2^8 + 3^2 + 7^2 + 9^1 + 11^1 = 28 + 32 + 72 + 91 + 111 \\
 334 &:= 2^8 + 3^3 + 6^2 + 7^0 + 14^1 = 28 + 33 + 62 + 70 + 141 \\
 334 &:= 2^8 + 4^2 + 5^2 + 6^2 + 15^0 = 28 + 42 + 52 + 62 + 150 \\
 334 &:= 3^0 + 3^1 + 4^0 + 5^1 + 18^2 = 30 + 31 + 40 + 51 + 182 \\
 334 &:= 3^0 + 4^0 + 4^1 + 4^1 + 18^2 = 30 + 40 + 41 + 41 + 182
 \end{aligned}$$

2.2.236 Number 335

$$\begin{aligned}
 335 &:= 6^2 + 10^1 + 17^2 = 62 + 101 + 172 \\
 335 &:= 1^0 + 6^2 + 9^1 + 17^2 = 10 + 62 + 91 + 172 \\
 335 &:= 1^1 + 3^2 + 11^0 + 18^2 = 11 + 32 + 110 + 182 \\
 335 &:= 1^2 + 5^0 + 9^1 + 18^2 = 12 + 50 + 91 + 182 \\
 335 &:= 2^2 + 6^1 + 7^0 + 18^2 = 22 + 61 + 70 + 182 \\
 335 &:= 2^6 + 2^8 + 14^0 + 14^1 = 26 + 28 + 140 + 141 \\
 335 &:= 1^0 + 1^0 + 2^3 + 11^0 + 18^2 = 10 + 10 + 23 + 110 + 182 \\
 335 &:= 1^0 + 1^0 + 6^2 + 8^1 + 17^2 = 10 + 10 + 62 + 81 + 172 \\
 335 &:= 1^0 + 1^2 + 5^0 + 8^1 + 18^2 = 10 + 12 + 50 + 81 + 182 \\
 335 &:= 1^0 + 2^0 + 2^3 + 10^0 + 18^2 = 10 + 20 + 23 + 100 + 182 \\
 335 &:= 1^0 + 2^2 + 5^1 + 7^0 + 18^2 = 10 + 22 + 51 + 70 + 182 \\
 335 &:= 1^0 + 2^3 + 3^0 + 9^0 + 18^2 = 10 + 23 + 30 + 90 + 182
 \end{aligned}$$

$$\begin{aligned}
 335 &:= 1^0 + 2^3 + 4^0 + 8^0 + 18^2 = 10 + 23 + 40 + 80 + 182 \\
 335 &:= 1^0 + 2^3 + 5^0 + 7^0 + 18^2 = 10 + 23 + 50 + 70 + 182 \\
 335 &:= 1^0 + 2^3 + 6^0 + 6^0 + 18^2 = 10 + 23 + 60 + 60 + 182 \\
 335 &:= 1^0 + 2^6 + 2^8 + 13^1 + 14^0 = 10 + 26 + 28 + 131 + 140 \\
 335 &:= 1^1 + 1^1 + 5^0 + 8^1 + 18^2 = 11 + 11 + 50 + 81 + 182 \\
 335 &:= 1^1 + 1^9 + 2^3 + 10^0 + 18^2 = 11 + 19 + 23 + 100 + 182 \\
 335 &:= 1^1 + 2^1 + 5^0 + 7^1 + 18^2 = 11 + 21 + 50 + 71 + 182 \\
 335 &:= 1^1 + 3^1 + 5^0 + 6^1 + 18^2 = 11 + 31 + 50 + 61 + 182 \\
 335 &:= 1^1 + 4^1 + 5^0 + 5^1 + 18^2 = 11 + 41 + 50 + 51 + 182 \\
 335 &:= 1^2 + 1^8 + 2^3 + 10^0 + 18^2 = 12 + 18 + 23 + 100 + 182 \\
 335 &:= 1^2 + 2^0 + 4^0 + 8^1 + 18^2 = 12 + 20 + 40 + 81 + 182 \\
 335 &:= 1^2 + 3^0 + 3^0 + 8^1 + 18^2 = 12 + 30 + 30 + 81 + 182
 \end{aligned}$$

$$\begin{aligned}
 335 &:= 1^3 + 1^7 + 2^3 + 10^0 + 18^2 = 13 + 17 + 23 + 100 + 182 \\
 335 &:= 1^3 + 1^9 + 4^0 + 8^1 + 18^2 = 13 + 19 + 40 + 81 + 182 \\
 335 &:= 1^3 + 2^8 + 4^3 + 12^0 + 13^1 = 13 + 28 + 43 + 120 + 131 \\
 335 &:= 1^4 + 1^6 + 2^3 + 10^0 + 18^2 = 14 + 16 + 23 + 100 + 182 \\
 335 &:= 1^4 + 1^8 + 4^0 + 8^1 + 18^2 = 14 + 18 + 40 + 81 + 182 \\
 335 &:= 1^4 + 2^6 + 4^4 + 12^0 + 13^1 = 14 + 26 + 44 + 120 + 131 \\
 335 &:= 1^4 + 2^6 + 5^3 + 12^0 + 12^2 = 14 + 26 + 53 + 120 + 122 \\
 335 &:= 1^4 + 2^7 + 3^2 + 12^0 + 14^2 = 14 + 27 + 32 + 120 + 142 \\
 335 &:= 1^4 + 2^7 + 6^2 + 10^0 + 13^2 = 14 + 27 + 62 + 100 + 132 \\
 335 &:= 1^4 + 2^8 + 8^0 + 8^2 + 13^1 = 14 + 28 + 80 + 82 + 131 \\
 335 &:= 1^4 + 3^2 + 3^4 + 3^5 + 22^0 = 14 + 32 + 34 + 35 + 220 \\
 335 &:= 1^5 + 1^5 + 2^3 + 10^0 + 18^2 = 15 + 15 + 23 + 100 + 182 \\
 335 &:= 1^5 + 1^7 + 4^0 + 8^1 + 18^2 = 15 + 17 + 40 + 81 + 182 \\
 335 &:= 1^5 + 2^6 + 6^0 + 10^2 + 13^2 = 15 + 26 + 60 + 102 + 132 \\
 335 &:= 1^5 + 2^7 + 6^0 + 9^1 + 14^2 = 15 + 27 + 60 + 91 + 142 \\
 335 &:= 1^5 + 3^4 + 3^5 + 9^1 + 16^0 = 15 + 34 + 35 + 91 + 160 \\
 335 &:= 1^6 + 1^6 + 4^0 + 8^1 + 18^2 = 16 + 16 + 40 + 81 + 182 \\
 335 &:= 1^6 + 3^2 + 3^5 + 9^2 + 16^0 = 16 + 32 + 35 + 92 + 160 \\
 335 &:= 1^6 + 3^3 + 3^4 + 10^0 + 15^2 = 16 + 33 + 34 + 100 + 152 \\
 335 &:= 1^6 + 3^4 + 6^2 + 6^3 + 16^0 = 16 + 34 + 62 + 63 + 160 \\
 335 &:= 1^7 + 2^4 + 4^0 + 11^2 + 14^2 = 17 + 24 + 40 + 112 + 142 \\
 335 &:= 1^7 + 3^5 + 9^1 + 9^2 + 10^0 = 17 + 35 + 91 + 92 + 100 \\
 335 &:= 1^7 + 4^3 + 4^4 + 10^0 + 13^1 = 17 + 43 + 44 + 100 + 131 \\
 335 &:= 1^7 + 4^3 + 5^3 + 10^0 + 12^2 = 17 + 43 + 53 + 100 + 122 \\
 335 &:= 1^8 + 2^3 + 4^0 + 10^2 + 15^2 = 18 + 23 + 40 + 102 + 152 \\
 335 &:= 1^8 + 2^3 + 6^0 + 6^2 + 17^2 = 18 + 23 + 60 + 62 + 172 \\
 335 &:= 1^8 + 3^3 + 4^0 + 9^2 + 15^2 = 18 + 33 + 40 + 92 + 152 \\
 335 &:= 1^8 + 4^0 + 4^3 + 10^2 + 13^2 = 18 + 40 + 43 + 102 + 132 \\
 335 &:= 1^8 + 4^4 + 6^0 + 8^2 + 13^1 = 18 + 44 + 60 + 82 + 131 \\
 335 &:= 1^8 + 5^3 + 6^0 + 8^2 + 12^2 = 18 + 53 + 60 + 82 + 122 \\
 335 &:= 1^8 + 6^2 + 6^3 + 9^2 + 10^0 = 18 + 62 + 63 + 92 + 100 \\
 335 &:= 1^9 + 2^0 + 4^2 + 11^2 + 14^2 = 19 + 20 + 42 + 112 + 142 \\
 335 &:= 1^9 + 2^5 + 2^8 + 5^2 + 21^1 = 19 + 25 + 28 + 52 + 211
 \end{aligned}$$

$$\begin{aligned}
 335 &:= 2^0 + 2^0 + 2^3 + 9^0 + 18^2 = 20 + 20 + 23 + 90 + 182 \\
 335 &:= 2^0 + 2^2 + 5^1 + 6^0 + 18^2 = 20 + 22 + 51 + 60 + 182 \\
 335 &:= 2^0 + 2^3 + 3^0 + 8^0 + 18^2 = 20 + 23 + 30 + 80 + 182 \\
 335 &:= 2^0 + 2^3 + 4^0 + 7^0 + 18^2 = 20 + 23 + 40 + 70 + 182 \\
 335 &:= 2^0 + 2^3 + 5^0 + 6^0 + 18^2 = 20 + 23 + 50 + 60 + 182 \\
 335 &:= 2^0 + 2^6 + 2^8 + 13^0 + 13^1 = 20 + 26 + 28 + 130 + 131 \\
 335 &:= 2^1 + 2^1 + 5^0 + 6^1 + 18^2 = 21 + 21 + 50 + 61 + 182 \\
 335 &:= 2^1 + 3^1 + 5^0 + 5^1 + 18^2 = 21 + 31 + 50 + 51 + 182 \\
 335 &:= 2^1 + 4^1 + 4^1 + 5^0 + 18^2 = 21 + 41 + 41 + 50 + 182 \\
 335 &:= 2^2 + 2^7 + 3^4 + 11^2 + 14^0 = 22 + 27 + 34 + 112 + 140 \\
 335 &:= 2^2 + 3^0 + 5^0 + 5^1 + 18^2 = 22 + 30 + 50 + 51 + 182 \\
 335 &:= 2^2 + 4^0 + 4^0 + 5^1 + 18^2 = 22 + 40 + 40 + 51 + 182 \\
 335 &:= 2^3 + 2^6 + 3^5 + 6^0 + 19^1 = 23 + 26 + 35 + 60 + 191 \\
 335 &:= 2^3 + 2^8 + 4^3 + 6^1 + 18^0 = 23 + 28 + 43 + 61 + 180 \\
 335 &:= 2^3 + 3^0 + 3^0 + 7^0 + 18^2 = 23 + 30 + 30 + 70 + 182 \\
 335 &:= 2^3 + 3^0 + 4^0 + 6^0 + 18^2 = 23 + 30 + 40 + 60 + 182 \\
 335 &:= 2^3 + 3^0 + 5^0 + 5^0 + 18^2 = 23 + 30 + 50 + 50 + 182 \\
 335 &:= 2^3 + 4^0 + 4^0 + 5^0 + 18^2 = 23 + 40 + 40 + 50 + 182 \\
 335 &:= 2^4 + 2^8 + 7^2 + 8^0 + 13^1 = 24 + 28 + 72 + 80 + 131 \\
 335 &:= 2^5 + 2^5 + 4^4 + 10^0 + 14^1 = 25 + 25 + 44 + 100 + 141 \\
 335 &:= 2^5 + 2^7 + 5^1 + 10^0 + 13^2 = 25 + 27 + 51 + 100 + 132 \\
 335 &:= 2^6 + 2^6 + 4^0 + 10^1 + 14^2 = 26 + 26 + 40 + 101 + 142 \\
 335 &:= 2^6 + 2^8 + 3^0 + 12^0 + 13^1 = 26 + 28 + 30 + 120 + 131 \\
 335 &:= 2^6 + 2^8 + 4^0 + 11^0 + 13^1 = 26 + 28 + 40 + 110 + 131 \\
 335 &:= 2^6 + 2^8 + 5^0 + 10^0 + 13^1 = 26 + 28 + 50 + 100 + 131 \\
 335 &:= 2^6 + 2^8 + 6^0 + 9^0 + 13^1 = 26 + 28 + 60 + 90 + 131 \\
 335 &:= 2^6 + 2^8 + 7^0 + 8^0 + 13^1 = 26 + 28 + 70 + 80 + 131 \\
 335 &:= 2^6 + 3^3 + 3^3 + 6^3 + 18^0 = 26 + 33 + 33 + 63 + 180 \\
 335 &:= 2^6 + 3^4 + 5^3 + 8^2 + 14^0 = 26 + 34 + 53 + 82 + 140 \\
 335 &:= 2^7 + 3^4 + 5^2 + 10^2 + 12^0 = 27 + 34 + 52 + 102 + 120 \\
 335 &:= 3^1 + 3^1 + 4^1 + 5^0 + 18^2 = 31 + 31 + 41 + 50 + 182
 \end{aligned}$$

2.2.237 Number 336

$$\begin{aligned}
 336 &:= 1^3 + 4^0 + 10^1 + 18^2 = 13 + 40 + 101 + 182 \\
 336 &:= 2^3 + 3^1 + 10^0 + 18^2 = 23 + 31 + 100 + 182 \\
 336 &:= 2^5 + 2^8 + 5^2 + 23^1 = 25 + 28 + 52 + 231
 \end{aligned}$$

$$\begin{aligned}
 336 &:= 1^0 + 1^2 + 3^2 + 10^0 + 18^2 = 10 + 12 + 32 + 100 + 182 \\
 336 &:= 1^0 + 1^3 + 4^0 + 9^1 + 18^2 = 10 + 13 + 40 + 91 + 182 \\
 336 &:= 1^0 + 2^1 + 2^3 + 10^0 + 18^2 = 10 + 21 + 23 + 100 + 182
 \end{aligned}$$

$$\begin{aligned} 336 &:= 1^0 + 2^5 + 2^8 + 5^2 + 22^1 = 10 + 25 + 28 + 52 + 221 \\ 336 &:= 1^0 + 3^2 + 4^0 + 10^2 + 15^2 = 10 + 32 + 40 + 102 + 152 \\ 336 &:= 1^0 + 3^2 + 6^0 + 6^2 + 17^2 = 10 + 32 + 60 + 62 + 172 \\ 336 &:= 1^1 + 1^1 + 3^2 + 10^0 + 18^2 = 11 + 11 + 32 + 100 + 182 \\ 336 &:= 1^1 + 1^2 + 4^0 + 9^1 + 18^2 = 11 + 12 + 40 + 91 + 182 \\ 336 &:= 1^1 + 2^2 + 6^0 + 6^1 + 18^2 = 11 + 22 + 60 + 61 + 182 \\ 336 &:= 1^1 + 2^6 + 2^8 + 13^0 + 14^1 = 11 + 26 + 28 + 130 + 141 \\ 336 &:= 1^2 + 2^0 + 3^2 + 9^0 + 18^2 = 12 + 20 + 32 + 90 + 182 \\ 336 &:= 1^2 + 2^1 + 4^0 + 8^1 + 18^2 = 12 + 21 + 40 + 81 + 182 \\ 336 &:= 1^2 + 2^2 + 2^6 + 3^5 + 24^1 = 12 + 22 + 26 + 35 + 241 \\ 336 &:= 1^2 + 2^6 + 3^3 + 3^5 + 23^0 = 12 + 26 + 33 + 35 + 230 \\ 336 &:= 1^2 + 2^7 + 3^4 + 5^3 + 21^0 = 12 + 27 + 34 + 53 + 210 \\ 336 &:= 1^2 + 3^0 + 3^2 + 8^0 + 18^2 = 12 + 30 + 32 + 80 + 182 \\ 336 &:= 1^2 + 3^1 + 4^0 + 7^1 + 18^2 = 12 + 31 + 40 + 71 + 182 \\ 336 &:= 1^2 + 3^2 + 4^0 + 7^0 + 18^2 = 12 + 32 + 40 + 70 + 182 \\ 336 &:= 1^2 + 3^2 + 5^0 + 6^0 + 18^2 = 12 + 32 + 50 + 60 + 182 \\ 336 &:= 1^2 + 4^0 + 4^1 + 6^1 + 18^2 = 12 + 40 + 41 + 61 + 182 \\ 336 &:= 1^2 + 4^0 + 5^1 + 5^1 + 18^2 = 12 + 40 + 51 + 51 + 182 \\ 336 &:= 1^3 + 1^9 + 3^2 + 9^0 + 18^2 = 13 + 19 + 32 + 90 + 182 \\ 336 &:= 1^3 + 2^0 + 3^0 + 9^1 + 18^2 = 13 + 20 + 30 + 91 + 182 \\ 336 &:= 1^3 + 2^8 + 5^2 + 6^2 + 18^1 = 13 + 28 + 52 + 62 + 181 \\ 336 &:= 1^4 + 1^8 + 3^2 + 9^0 + 18^2 = 14 + 18 + 32 + 90 + 182 \\ 336 &:= 1^4 + 1^9 + 3^0 + 9^1 + 18^2 = 14 + 19 + 30 + 91 + 182 \\ 336 &:= 1^4 + 2^6 + 4^3 + 11^1 + 14^2 = 14 + 26 + 43 + 111 + 142 \\ 336 &:= 1^4 + 2^7 + 5^3 + 9^2 + 15^0 = 14 + 27 + 53 + 92 + 150 \\ 336 &:= 1^4 + 2^8 + 4^3 + 11^0 + 14^1 = 14 + 28 + 43 + 110 + 141 \\ 336 &:= 1^5 + 1^7 + 3^2 + 9^0 + 18^2 = 15 + 17 + 32 + 90 + 182 \\ 336 &:= 1^5 + 1^8 + 3^0 + 9^1 + 18^2 = 15 + 18 + 30 + 91 + 182 \\ 336 &:= 1^5 + 2^2 + 2^6 + 11^1 + 16^2 = 15 + 22 + 26 + 111 + 162 \\ 336 &:= 1^5 + 2^6 + 4^4 + 11^0 + 14^1 = 15 + 26 + 44 + 110 + 141 \\ 336 &:= 1^5 + 2^6 + 6^1 + 11^2 + 12^2 = 15 + 26 + 61 + 112 + 122 \\ 336 &:= 1^5 + 2^8 + 7^0 + 8^2 + 14^1 = 15 + 28 + 70 + 82 + 141 \\ 336 &:= 1^5 + 3^3 + 3^5 + 4^3 + 21^0 = 15 + 33 + 35 + 43 + 210 \\ 336 &:= 1^6 + 1^6 + 3^2 + 9^0 + 18^2 = 16 + 16 + 32 + 90 + 182 \\ 336 &:= 1^6 + 1^7 + 3^0 + 9^1 + 18^2 = 16 + 17 + 30 + 91 + 182 \\ 336 &:= 1^6 + 2^2 + 2^5 + 10^1 + 17^2 = 16 + 22 + 25 + 101 + 172 \\ 336 &:= 1^6 + 2^7 + 5^0 + 10^1 + 14^2 = 16 + 27 + 50 + 101 + 142 \\ 336 &:= 1^6 + 3^3 + 3^5 + 8^2 + 17^0 = 16 + 33 + 35 + 82 + 170 \end{aligned}$$

$$\begin{aligned} 336 &:= 1^6 + 3^4 + 3^5 + 10^1 + 15^0 = 16 + 34 + 35 + 101 + 150 \\ 336 &:= 1^8 + 2^2 + 5^2 + 9^2 + 15^2 = 18 + 22 + 52 + 92 + 152 \\ 336 &:= 1^8 + 2^2 + 5^3 + 10^1 + 14^2 = 18 + 22 + 53 + 101 + 142 \\ 336 &:= 1^8 + 3^2 + 3^2 + 11^2 + 14^2 = 18 + 32 + 32 + 112 + 142 \\ 336 &:= 1^8 + 3^5 + 9^0 + 9^2 + 10^1 = 18 + 35 + 90 + 92 + 101 \\ 336 &:= 1^8 + 4^3 + 4^4 + 9^0 + 14^1 = 18 + 43 + 44 + 90 + 141 \\ 336 &:= 1^9 + 2^1 + 4^2 + 11^2 + 14^2 = 19 + 21 + 42 + 112 + 142 \\ 336 &:= 1^9 + 2^2 + 6^1 + 6^2 + 17^2 = 19 + 22 + 61 + 62 + 172 \\ 336 &:= 1^9 + 4^2 + 5^1 + 5^2 + 17^2 = 19 + 42 + 51 + 52 + 172 \\ 336 &:= 1^9 + 4^4 + 5^0 + 8^2 + 14^1 = 19 + 44 + 50 + 82 + 141 \\ 336 &:= 2^0 + 2^1 + 2^3 + 9^0 + 18^2 = 20 + 21 + 23 + 90 + 182 \\ 336 &:= 2^0 + 3^0 + 3^2 + 10^2 + 15^2 = 20 + 30 + 32 + 102 + 152 \\ 336 &:= 2^0 + 3^2 + 5^0 + 6^2 + 17^2 = 20 + 32 + 50 + 62 + 172 \\ 336 &:= 2^1 + 2^2 + 5^1 + 6^0 + 18^2 = 21 + 22 + 51 + 60 + 182 \\ 336 &:= 2^1 + 2^3 + 3^0 + 8^0 + 18^2 = 21 + 23 + 30 + 80 + 182 \\ 336 &:= 2^1 + 2^3 + 4^0 + 7^0 + 18^2 = 21 + 23 + 40 + 70 + 182 \\ 336 &:= 2^1 + 2^3 + 5^0 + 6^0 + 18^2 = 21 + 23 + 50 + 60 + 182 \\ 336 &:= 2^1 + 2^6 + 2^8 + 13^0 + 13^1 = 21 + 26 + 28 + 130 + 131 \\ 336 &:= 2^2 + 2^3 + 2^8 + 7^2 + 19^1 = 22 + 23 + 28 + 72 + 191 \\ 336 &:= 2^2 + 2^5 + 2^6 + 11^1 + 15^2 = 22 + 25 + 26 + 111 + 152 \\ 336 &:= 2^2 + 3^1 + 4^1 + 6^0 + 18^2 = 22 + 31 + 41 + 60 + 182 \\ 336 &:= 2^4 + 2^4 + 3^3 + 4^4 + 21^1 = 24 + 24 + 33 + 44 + 211 \\ 336 &:= 2^4 + 2^5 + 3^4 + 11^1 + 14^2 = 24 + 25 + 34 + 111 + 142 \\ 336 &:= 2^4 + 2^6 + 3^5 + 12^1 + 13^0 = 24 + 26 + 35 + 121 + 130 \\ 336 &:= 2^5 + 2^5 + 8^2 + 8^2 + 12^2 = 25 + 25 + 82 + 82 + 122 \\ 336 &:= 2^5 + 2^6 + 6^2 + 8^1 + 14^2 = 25 + 26 + 62 + 81 + 142 \\ 336 &:= 2^5 + 2^6 + 7^1 + 8^2 + 13^2 = 25 + 26 + 71 + 82 + 132 \\ 336 &:= 2^5 + 2^8 + 6^2 + 11^0 + 11^1 = 25 + 28 + 62 + 110 + 111 \\ 336 &:= 2^6 + 2^8 + 3^1 + 12^1 + 13^0 = 26 + 28 + 31 + 121 + 130 \\ 336 &:= 2^6 + 2^8 + 4^1 + 11^1 + 13^0 = 26 + 28 + 41 + 111 + 130 \\ 336 &:= 2^6 + 2^8 + 5^1 + 10^1 + 13^0 = 26 + 28 + 51 + 101 + 130 \\ 336 &:= 2^6 + 2^8 + 6^1 + 9^1 + 13^0 = 26 + 28 + 61 + 91 + 130 \\ 336 &:= 2^6 + 2^8 + 7^1 + 8^1 + 13^0 = 26 + 28 + 71 + 81 + 130 \\ 336 &:= 2^8 + 3^2 + 3^3 + 5^2 + 19^1 = 28 + 32 + 33 + 52 + 191 \\ 336 &:= 2^8 + 3^3 + 3^3 + 5^2 + 19^0 = 28 + 33 + 33 + 52 + 190 \\ 336 &:= 3^0 + 3^2 + 4^0 + 6^2 + 17^2 = 30 + 32 + 40 + 62 + 172 \end{aligned}$$

2.2.238 Number 337

$$\begin{aligned} 337 &:= 1^4 + 3^0 + 11^1 + 18^2 = 14 + 30 + 111 + 182 \\ 337 &:= 2^2 + 2^3 + 11^0 + 18^2 = 22 + 23 + 110 + 182 \\ 337 &:= 2^2 + 6^2 + 8^1 + 17^2 = 22 + 62 + 81 + 172 \\ 337 &:= 4^1 + 4^2 + 11^2 + 14^2 = 41 + 42 + 112 + 142 \\ 337 &:= 4^2 + 4^3 + 9^0 + 16^2 = 42 + 43 + 90 + 162 \\ 337 &:= 4^2 + 5^2 + 7^1 + 17^2 = 42 + 52 + 71 + 172 \\ 337 &:= 4^4 + 5^0 + 8^2 + 16^1 = 44 + 50 + 82 + 161 \\ 337 &:= 1^0 + 1^4 + 3^0 + 10^1 + 18^2 = 10 + 14 + 30 + 101 + 182 \\ 337 &:= 1^0 + 2^2 + 6^2 + 7^1 + 17^2 = 10 + 22 + 62 + 71 + 172 \\ 337 &:= 1^0 + 3^1 + 4^2 + 11^2 + 14^2 = 10 + 31 + 42 + 112 + 142 \\ 337 &:= 1^0 + 4^2 + 5^2 + 6^1 + 17^2 = 10 + 42 + 52 + 61 + 172 \\ 337 &:= 1^0 + 4^4 + 5^0 + 8^2 + 15^1 = 10 + 44 + 50 + 82 + 151 \\ 337 &:= 1^1 + 1^3 + 3^0 + 10^1 + 18^2 = 11 + 13 + 30 + 101 + 182 \\ 337 &:= 1^1 + 2^3 + 3^1 + 9^0 + 18^2 = 11 + 23 + 31 + 90 + 182 \\ 337 &:= 1^2 + 1^2 + 3^0 + 10^1 + 18^2 = 12 + 12 + 30 + 101 + 182 \\ 337 &:= 1^2 + 2^1 + 3^2 + 9^0 + 18^2 = 12 + 21 + 32 + 90 + 182 \\ 337 &:= 1^2 + 2^2 + 5^0 + 7^1 + 18^2 = 12 + 22 + 50 + 71 + 182 \\ 337 &:= 1^2 + 2^6 + 2^8 + 12^0 + 15^1 = 12 + 26 + 28 + 120 + 151 \\ 337 &:= 1^3 + 2^1 + 3^0 + 9^1 + 18^2 = 13 + 21 + 30 + 91 + 182 \\ 337 &:= 1^3 + 3^0 + 3^1 + 8^1 + 18^2 = 13 + 30 + 31 + 81 + 182 \\ 337 &:= 1^3 + 3^0 + 4^1 + 7^1 + 18^2 = 13 + 30 + 41 + 71 + 182 \\ 337 &:= 1^3 + 3^0 + 5^1 + 6^1 + 18^2 = 13 + 30 + 51 + 61 + 182 \\ 337 &:= 1^4 + 2^0 + 2^0 + 10^1 + 18^2 = 14 + 20 + 20 + 101 + 182 \\ 337 &:= 1^5 + 1^9 + 2^0 + 10^1 + 18^2 = 15 + 19 + 20 + 101 + 182 \\ 337 &:= 1^5 + 2^8 + 4^3 + 10^0 + 15^1 = 15 + 28 + 43 + 100 + 151 \end{aligned}$$

$$\begin{aligned} 337 &:= 1^6 + 1^8 + 2^0 + 10^1 + 18^2 = 16 + 18 + 20 + 101 + 182 \\ 337 &:= 1^6 + 1^9 + 1^9 + 10^1 + 18^2 = 16 + 19 + 19 + 101 + 182 \\ 337 &:= 1^6 + 2^6 + 4^4 + 10^0 + 15^1 = 16 + 26 + 44 + 100 + 151 \\ 337 &:= 1^6 + 2^8 + 6^0 + 8^2 + 15^1 = 16 + 28 + 60 + 82 + 151 \\ 337 &:= 1^7 + 1^7 + 2^0 + 10^1 + 18^2 = 17 + 17 + 20 + 101 + 182 \\ 337 &:= 1^7 + 1^8 + 1^9 + 10^1 + 18^2 = 17 + 18 + 19 + 101 + 182 \\ 337 &:= 1^7 + 2^7 + 4^0 + 11^1 + 14^2 = 17 + 27 + 40 + 111 + 142 \\ 337 &:= 1^7 + 3^4 + 3^5 + 11^1 + 14^0 = 17 + 34 + 35 + 111 + 140 \\ 337 &:= 1^8 + 1^8 + 1^8 + 10^1 + 18^2 = 18 + 18 + 18 + 101 + 182 \\ 337 &:= 1^9 + 3^5 + 8^0 + 9^2 + 11^1 = 19 + 35 + 80 + 92 + 111 \\ 337 &:= 1^9 + 4^3 + 4^4 + 8^0 + 15^1 = 19 + 43 + 44 + 80 + 151 \\ 337 &:= 2^0 + 4^0 + 4^4 + 8^2 + 15^1 = 20 + 40 + 44 + 82 + 151 \\ 337 &:= 2^1 + 2^1 + 2^3 + 9^0 + 18^2 = 21 + 21 + 23 + 90 + 182 \\ 337 &:= 2^1 + 3^0 + 3^2 + 10^2 + 15^2 = 21 + 30 + 32 + 102 + 152 \\ 337 &:= 2^1 + 3^2 + 5^0 + 6^2 + 17^2 = 21 + 32 + 50 + 62 + 172 \\ 337 &:= 2^2 + 2^2 + 4^1 + 7^0 + 18^2 = 22 + 22 + 41 + 70 + 182 \\ 337 &:= 2^2 + 2^6 + 2^8 + 12^1 + 14^0 = 22 + 26 + 28 + 121 + 140 \\ 337 &:= 2^3 + 2^3 + 2^8 + 4^3 + 22^0 = 23 + 23 + 28 + 43 + 220 \\ 337 &:= 2^5 + 2^8 + 3^3 + 4^0 + 21^1 = 25 + 28 + 33 + 40 + 211 \\ 337 &:= 2^6 + 2^6 + 4^3 + 12^0 + 12^2 = 26 + 26 + 43 + 120 + 122 \\ 337 &:= 2^6 + 2^7 + 4^0 + 5^3 + 19^1 = 26 + 27 + 40 + 53 + 191 \\ 337 &:= 2^6 + 2^8 + 3^2 + 7^1 + 18^0 = 26 + 28 + 32 + 71 + 180 \\ 337 &:= 2^7 + 2^7 + 4^0 + 8^2 + 16^1 = 27 + 27 + 40 + 82 + 161 \\ 337 &:= 3^0 + 3^0 + 4^4 + 8^2 + 15^1 = 30 + 30 + 44 + 82 + 151 \end{aligned}$$

2.2.239 Number 338

$$\begin{aligned} 338 &:= 3^4 + 4^4 + 26^0 = 34 + 44 + 260 \\ 338 &:= 1^5 + 2^0 + 12^1 + 18^2 = 15 + 20 + 121 + 182 \\ 338 &:= 1^6 + 1^9 + 12^1 + 18^2 = 16 + 19 + 121 + 182 \\ 338 &:= 1^7 + 1^8 + 12^1 + 18^2 = 17 + 18 + 121 + 182 \\ 338 &:= 2^7 + 2^7 + 3^4 + 25^0 = 27 + 27 + 34 + 250 \\ 338 &:= 3^5 + 8^0 + 9^2 + 13^1 = 35 + 80 + 92 + 131 \\ 338 &:= 4^3 + 4^4 + 8^0 + 17^1 = 43 + 44 + 80 + 171 \\ 338 &:= 1^0 + 1^5 + 2^0 + 11^1 + 18^2 = 10 + 15 + 20 + 111 + 182 \\ 338 &:= 1^0 + 1^6 + 1^9 + 11^1 + 18^2 = 10 + 16 + 19 + 111 + 182 \end{aligned}$$

$$\begin{aligned} 338 &:= 1^0 + 1^7 + 1^8 + 11^1 + 18^2 = 10 + 17 + 18 + 111 + 182 \\ 338 &:= 1^0 + 2^4 + 2^6 + 2^8 + 25^0 = 10 + 24 + 26 + 28 + 250 \\ 338 &:= 1^0 + 2^4 + 6^0 + 8^2 + 16^2 = 10 + 24 + 60 + 82 + 162 \\ 338 &:= 1^0 + 3^5 + 8^0 + 9^2 + 12^1 = 10 + 35 + 80 + 92 + 121 \\ 338 &:= 1^0 + 4^2 + 4^4 + 8^2 + 16^0 = 10 + 42 + 44 + 82 + 160 \\ 338 &:= 1^0 + 4^3 + 4^4 + 8^0 + 16^1 = 10 + 43 + 44 + 80 + 161 \\ 338 &:= 1^1 + 1^4 + 2^0 + 11^1 + 18^2 = 11 + 14 + 20 + 111 + 182 \\ 338 &:= 1^1 + 1^5 + 1^9 + 11^1 + 18^2 = 11 + 15 + 19 + 111 + 182 \\ 338 &:= 1^1 + 1^6 + 1^8 + 11^1 + 18^2 = 11 + 16 + 18 + 111 + 182 \end{aligned}$$

$$\begin{aligned} 338 &:= 1^1 + 1^7 + 1^7 + 11^1 + 18^2 = 11 + 17 + 17 + 111 + 182 \\ 338 &:= 1^1 + 2^2 + 2^3 + 10^0 + 18^2 = 11 + 22 + 23 + 100 + 182 \\ 338 &:= 1^1 + 4^0 + 4^4 + 8^2 + 16^1 = 11 + 40 + 44 + 82 + 161 \\ 338 &:= 1^1 + 4^2 + 4^3 + 8^0 + 16^2 = 11 + 42 + 43 + 80 + 162 \\ 338 &:= 1^2 + 1^3 + 2^0 + 11^1 + 18^2 = 12 + 13 + 20 + 111 + 182 \\ 338 &:= 1^2 + 1^4 + 1^9 + 11^1 + 18^2 = 12 + 14 + 19 + 111 + 182 \\ 338 &:= 1^2 + 1^5 + 1^8 + 11^1 + 18^2 = 12 + 15 + 18 + 111 + 182 \\ 338 &:= 1^2 + 1^6 + 1^7 + 11^1 + 18^2 = 12 + 16 + 17 + 111 + 182 \\ 338 &:= 1^2 + 2^3 + 4^1 + 8^0 + 18^2 = 12 + 23 + 41 + 80 + 182 \\ 338 &:= 1^2 + 2^6 + 2^8 + 4^2 + 23^0 = 12 + 26 + 28 + 42 + 230 \\ 338 &:= 1^2 + 4^0 + 4^2 + 8^2 + 16^2 = 12 + 40 + 42 + 82 + 162 \\ 338 &:= 1^3 + 1^3 + 1^9 + 11^1 + 18^2 = 13 + 13 + 19 + 111 + 182 \\ 338 &:= 1^3 + 1^4 + 1^8 + 11^1 + 18^2 = 13 + 14 + 18 + 111 + 182 \\ 338 &:= 1^3 + 1^5 + 1^7 + 11^1 + 18^2 = 13 + 15 + 17 + 111 + 182 \\ 338 &:= 1^3 + 1^6 + 1^6 + 11^1 + 18^2 = 13 + 16 + 16 + 111 + 182 \\ 338 &:= 1^3 + 2^2 + 4^0 + 8^1 + 18^2 = 13 + 22 + 40 + 81 + 182 \\ 338 &:= 1^3 + 2^4 + 2^8 + 4^3 + 23^0 = 13 + 24 + 28 + 43 + 230 \\ 338 &:= 1^3 + 2^6 + 2^6 + 13^1 + 14^2 = 13 + 26 + 26 + 131 + 142 \\ 338 &:= 1^3 + 2^6 + 2^7 + 12^2 + 15^0 = 13 + 26 + 27 + 122 + 150 \\ 338 &:= 1^3 + 2^6 + 2^8 + 11^0 + 16^1 = 13 + 26 + 28 + 110 + 161 \\ 338 &:= 1^3 + 3^1 + 3^2 + 8^0 + 18^2 = 13 + 31 + 32 + 80 + 182 \\ 338 &:= 1^4 + 1^4 + 1^7 + 11^1 + 18^2 = 14 + 14 + 17 + 111 + 182 \\ 338 &:= 1^4 + 1^5 + 1^6 + 11^1 + 18^2 = 14 + 15 + 16 + 111 + 182 \\ 338 &:= 1^4 + 2^0 + 2^1 + 10^1 + 18^2 = 14 + 20 + 21 + 101 + 182 \\ 338 &:= 1^4 + 2^0 + 3^1 + 9^1 + 18^2 = 14 + 20 + 31 + 91 + 182 \\ 338 &:= 1^4 + 2^0 + 4^1 + 8^1 + 18^2 = 14 + 20 + 41 + 81 + 182 \\ 338 &:= 1^4 + 2^0 + 5^1 + 7^1 + 18^2 = 14 + 20 + 51 + 71 + 182 \\ 338 &:= 1^4 + 2^0 + 6^1 + 6^1 + 18^2 = 14 + 20 + 61 + 61 + 182 \\ 338 &:= 1^4 + 2^4 + 2^6 + 4^4 + 23^0 = 14 + 24 + 26 + 44 + 230 \\ 338 &:= 1^4 + 2^4 + 2^8 + 8^2 + 19^0 = 14 + 24 + 28 + 82 + 190 \\ 338 &:= 1^4 + 2^7 + 4^3 + 5^3 + 20^1 = 14 + 27 + 43 + 53 + 201 \\ 338 &:= 1^5 + 1^5 + 1^5 + 11^1 + 18^2 = 15 + 15 + 15 + 111 + 182 \\ 338 &:= 1^5 + 1^9 + 2^1 + 10^1 + 18^2 = 15 + 19 + 21 + 101 + 182 \\ 338 &:= 1^5 + 1^9 + 3^1 + 9^1 + 18^2 = 15 + 19 + 31 + 91 + 182 \\ 338 &:= 1^5 + 1^9 + 4^1 + 8^1 + 18^2 = 15 + 19 + 41 + 81 + 182 \\ 338 &:= 1^5 + 1^9 + 5^1 + 7^1 + 18^2 = 15 + 19 + 51 + 71 + 182 \\ 338 &:= 1^5 + 1^9 + 6^1 + 6^1 + 18^2 = 15 + 19 + 61 + 61 + 182 \\ 338 &:= 1^5 + 2^5 + 3^3 + 4^4 + 22^1 = 15 + 25 + 33 + 44 + 221 \end{aligned}$$

$$\begin{aligned} 338 &:= 1^5 + 2^7 + 3^3 + 13^1 + 13^2 = 15 + 27 + 33 + 131 + 132 \\ 338 &:= 1^5 + 2^8 + 4^2 + 4^3 + 21^0 = 15 + 28 + 42 + 43 + 210 \\ 338 &:= 1^6 + 1^8 + 2^1 + 10^1 + 18^2 = 16 + 18 + 21 + 101 + 182 \\ 338 &:= 1^6 + 1^8 + 3^1 + 9^1 + 18^2 = 16 + 18 + 31 + 91 + 182 \\ 338 &:= 1^6 + 1^8 + 4^1 + 8^1 + 18^2 = 16 + 18 + 41 + 81 + 182 \\ 338 &:= 1^6 + 1^8 + 5^1 + 7^1 + 18^2 = 16 + 18 + 51 + 71 + 182 \\ 338 &:= 1^6 + 1^8 + 6^1 + 6^1 + 18^2 = 16 + 18 + 61 + 61 + 182 \\ 338 &:= 1^6 + 2^3 + 3^5 + 4^3 + 22^1 = 16 + 23 + 35 + 43 + 221 \\ 338 &:= 1^6 + 2^4 + 2^6 + 11^0 + 16^2 = 16 + 24 + 26 + 110 + 162 \\ 338 &:= 1^6 + 2^6 + 4^2 + 4^4 + 21^0 = 16 + 26 + 42 + 44 + 210 \\ 338 &:= 1^6 + 2^7 + 4^3 + 12^2 + 13^0 = 16 + 27 + 43 + 122 + 130 \\ 338 &:= 1^6 + 2^7 + 9^1 + 10^2 + 10^2 = 16 + 27 + 91 + 102 + 102 \\ 338 &:= 1^6 + 2^8 + 4^2 + 8^2 + 17^0 = 16 + 28 + 42 + 82 + 170 \\ 338 &:= 1^6 + 2^8 + 4^3 + 9^0 + 16^1 = 16 + 28 + 43 + 90 + 161 \\ 338 &:= 1^7 + 1^7 + 2^1 + 10^1 + 18^2 = 17 + 17 + 21 + 101 + 182 \\ 338 &:= 1^7 + 1^7 + 3^1 + 9^1 + 18^2 = 17 + 17 + 31 + 91 + 182 \\ 338 &:= 1^7 + 1^7 + 4^1 + 8^1 + 18^2 = 17 + 17 + 41 + 81 + 182 \\ 338 &:= 1^7 + 1^7 + 5^1 + 7^1 + 18^2 = 17 + 17 + 51 + 71 + 182 \\ 338 &:= 1^7 + 1^7 + 6^1 + 6^1 + 18^2 = 17 + 17 + 61 + 61 + 182 \\ 338 &:= 1^7 + 2^4 + 4^3 + 4^4 + 21^0 = 17 + 24 + 43 + 44 + 210 \\ 338 &:= 1^7 + 2^5 + 5^3 + 11^1 + 13^2 = 17 + 25 + 53 + 111 + 132 \\ 338 &:= 1^7 + 2^5 + 6^2 + 10^2 + 13^2 = 17 + 25 + 62 + 102 + 132 \\ 338 &:= 1^7 + 2^6 + 4^4 + 9^0 + 16^1 = 17 + 26 + 44 + 90 + 161 \\ 338 &:= 1^7 + 2^7 + 8^2 + 9^0 + 12^2 = 17 + 27 + 82 + 90 + 122 \\ 338 &:= 1^7 + 2^8 + 5^0 + 8^2 + 16^1 = 17 + 28 + 50 + 82 + 161 \\ 338 &:= 1^7 + 3^2 + 3^5 + 4^3 + 21^1 = 17 + 32 + 35 + 43 + 211 \\ 338 &:= 1^7 + 3^3 + 3^5 + 7^2 + 18^1 = 17 + 33 + 35 + 72 + 181 \\ 338 &:= 1^8 + 2^4 + 4^4 + 8^2 + 17^0 = 18 + 24 + 44 + 82 + 170 \\ 338 &:= 1^8 + 2^4 + 5^2 + 10^2 + 14^2 = 18 + 24 + 52 + 102 + 142 \\ 338 &:= 1^8 + 2^6 + 4^2 + 9^0 + 16^2 = 18 + 26 + 42 + 90 + 162 \\ 338 &:= 1^8 + 2^7 + 3^0 + 12^1 + 14^2 = 18 + 27 + 30 + 121 + 142 \\ 338 &:= 1^8 + 3^3 + 4^4 + 6^2 + 18^1 = 18 + 33 + 44 + 62 + 181 \\ 338 &:= 1^8 + 3^4 + 3^5 + 12^1 + 13^0 = 18 + 34 + 35 + 121 + 130 \\ 338 &:= 1^9 + 2^3 + 4^2 + 12^2 + 13^2 = 19 + 23 + 42 + 122 + 132 \\ 338 &:= 1^9 + 2^3 + 4^3 + 9^1 + 16^2 = 19 + 23 + 43 + 91 + 162 \\ 338 &:= 1^9 + 2^3 + 6^3 + 10^2 + 13^1 = 19 + 23 + 63 + 102 + 131 \\ 338 &:= 1^9 + 2^4 + 4^1 + 11^2 + 14^2 = 19 + 24 + 41 + 112 + 142 \\ 338 &:= 1^9 + 2^4 + 4^3 + 9^0 + 16^2 = 19 + 24 + 43 + 90 + 162 \end{aligned}$$

$$\begin{aligned} 338 &:= 1^9 + 2^4 + 5^2 + 7^1 + 17^2 = 19 + 24 + 52 + 71 + 172 \\ 338 &:= 1^9 + 3^3 + 6^2 + 7^2 + 15^2 = 19 + 33 + 62 + 72 + 152 \\ 338 &:= 1^9 + 3^3 + 6^3 + 9^2 + 13^1 = 19 + 33 + 63 + 92 + 131 \\ 338 &:= 1^9 + 3^4 + 6^1 + 9^2 + 13^2 = 19 + 34 + 61 + 92 + 132 \\ 338 &:= 1^9 + 4^2 + 4^3 + 4^4 + 19^0 = 19 + 42 + 43 + 44 + 190 \\ 338 &:= 1^9 + 4^2 + 4^4 + 7^2 + 16^1 = 19 + 42 + 44 + 72 + 161 \\ 338 &:= 2^0 + 2^2 + 4^2 + 11^2 + 14^2 = 20 + 22 + 42 + 112 + 142 \\ 338 &:= 2^0 + 2^3 + 4^1 + 10^2 + 15^2 = 20 + 23 + 41 + 102 + 152 \\ 338 &:= 2^0 + 2^4 + 2^6 + 2^8 + 24^0 = 20 + 24 + 26 + 28 + 240 \\ 338 &:= 2^0 + 2^4 + 5^0 + 8^2 + 16^2 = 20 + 24 + 50 + 82 + 162 \\ 338 &:= 2^0 + 3^2 + 4^3 + 8^1 + 16^2 = 20 + 32 + 43 + 81 + 162 \\ 338 &:= 2^0 + 3^2 + 6^2 + 6^2 + 16^2 = 20 + 32 + 62 + 62 + 162 \\ 338 &:= 2^0 + 3^2 + 6^3 + 10^2 + 12^1 = 20 + 32 + 63 + 102 + 121 \\ 338 &:= 2^0 + 3^3 + 4^1 + 9^2 + 15^2 = 20 + 33 + 41 + 92 + 152 \\ 338 &:= 2^0 + 3^3 + 5^1 + 7^2 + 16^2 = 20 + 33 + 51 + 72 + 162 \\ 338 &:= 2^0 + 3^5 + 7^0 + 9^2 + 12^1 = 20 + 35 + 70 + 92 + 121 \\ 338 &:= 2^0 + 4^1 + 4^3 + 10^2 + 13^2 = 20 + 41 + 43 + 102 + 132 \\ 338 &:= 2^0 + 4^2 + 4^2 + 7^2 + 16^2 = 20 + 42 + 42 + 72 + 162 \\ 338 &:= 2^0 + 4^2 + 4^4 + 8^2 + 15^0 = 20 + 42 + 44 + 82 + 150 \\ 338 &:= 2^0 + 4^3 + 4^4 + 7^0 + 16^1 = 20 + 43 + 44 + 70 + 161 \\ 338 &:= 2^0 + 5^3 + 6^2 + 7^1 + 13^2 = 20 + 53 + 62 + 71 + 132 \\ 338 &:= 2^1 + 4^0 + 4^4 + 8^2 + 15^1 = 21 + 40 + 44 + 82 + 151 \\ 338 &:= 2^2 + 2^5 + 2^8 + 5^2 + 21^1 = 22 + 25 + 28 + 52 + 211 \\ 338 &:= 2^3 + 2^6 + 2^8 + 9^1 + 17^0 = 23 + 26 + 28 + 91 + 170 \\ 338 &:= 2^3 + 4^0 + 4^1 + 6^2 + 17^2 = 23 + 40 + 41 + 62 + 172 \\ 338 &:= 2^4 + 2^4 + 2^8 + 7^2 + 19^0 = 24 + 24 + 28 + 72 + 190 \\ 338 &:= 2^4 + 2^6 + 2^8 + 10^0 + 16^0 = 24 + 26 + 28 + 100 + 160 \\ 338 &:= 2^4 + 2^6 + 2^8 + 11^0 + 15^0 = 24 + 26 + 28 + 110 + 150 \\ 338 &:= 2^4 + 2^6 + 2^8 + 12^0 + 14^0 = 24 + 26 + 28 + 120 + 140 \\ 338 &:= 2^4 + 2^6 + 2^8 + 13^0 + 13^0 = 24 + 26 + 28 + 130 + 130 \\ 338 &:= 2^4 + 2^6 + 2^8 + 3^0 + 23^0 = 24 + 26 + 28 + 30 + 230 \\ 338 &:= 2^4 + 2^6 + 2^8 + 4^0 + 22^0 = 24 + 26 + 28 + 40 + 220 \\ 338 &:= 2^4 + 2^6 + 2^8 + 5^0 + 21^0 = 24 + 26 + 28 + 50 + 210 \\ 338 &:= 2^4 + 2^6 + 2^8 + 6^0 + 20^0 = 24 + 26 + 28 + 60 + 200 \end{aligned}$$

$$\begin{aligned} 338 &:= 2^4 + 2^6 + 2^8 + 7^0 + 19^0 = 24 + 26 + 28 + 70 + 190 \\ 338 &:= 2^4 + 2^6 + 2^8 + 8^0 + 18^0 = 24 + 26 + 28 + 80 + 180 \\ 338 &:= 2^4 + 2^6 + 2^8 + 9^0 + 17^0 = 24 + 26 + 28 + 90 + 170 \\ 338 &:= 2^4 + 3^0 + 4^0 + 8^2 + 16^2 = 24 + 30 + 40 + 82 + 162 \\ 338 &:= 2^5 + 2^5 + 3^2 + 3^5 + 22^1 = 25 + 25 + 32 + 35 + 221 \\ 338 &:= 2^5 + 2^7 + 4^3 + 10^2 + 14^1 = 25 + 27 + 43 + 102 + 141 \\ 338 &:= 2^5 + 2^7 + 5^3 + 6^2 + 17^1 = 25 + 27 + 53 + 62 + 171 \\ 338 &:= 2^6 + 2^7 + 4^3 + 9^2 + 15^0 = 26 + 27 + 43 + 92 + 150 \\ 338 &:= 2^7 + 2^7 + 4^3 + 7^0 + 17^1 = 27 + 27 + 43 + 70 + 171 \\ 338 &:= 3^0 + 3^5 + 6^0 + 9^2 + 12^1 = 30 + 35 + 60 + 92 + 121 \\ 338 &:= 3^0 + 4^2 + 4^4 + 8^2 + 14^0 = 30 + 42 + 44 + 82 + 140 \\ 338 &:= 3^0 + 4^3 + 4^4 + 6^0 + 16^1 = 30 + 43 + 44 + 60 + 161 \\ 338 &:= 3^1 + 4^0 + 4^4 + 8^2 + 14^1 = 31 + 40 + 44 + 82 + 141 \\ 338 &:= 3^2 + 4^0 + 5^3 + 7^1 + 14^2 = 32 + 40 + 53 + 71 + 142 \\ 338 &:= 3^3 + 4^0 + 4^2 + 5^1 + 17^2 = 33 + 40 + 42 + 51 + 172 \\ 338 &:= 3^5 + 4^0 + 5^0 + 9^2 + 12^1 = 35 + 40 + 50 + 92 + 121 \\ 338 &:= 4^0 + 4^1 + 4^4 + 8^2 + 13^1 = 40 + 41 + 44 + 82 + 131 \\ 338 &:= 4^0 + 4^1 + 5^3 + 8^2 + 12^2 = 40 + 41 + 53 + 82 + 122 \\ 338 &:= 4^0 + 4^2 + 4^2 + 4^2 + 17^2 = 40 + 42 + 42 + 42 + 172 \\ 338 &:= 4^0 + 4^2 + 4^4 + 8^2 + 13^0 = 40 + 42 + 44 + 82 + 130 \\ 338 &:= 4^0 + 4^3 + 4^4 + 5^0 + 16^1 = 40 + 43 + 44 + 50 + 161 \\ 338 &:= 4^0 + 4^4 + 5^1 + 8^2 + 12^1 = 40 + 44 + 51 + 82 + 121 \\ 338 &:= 4^0 + 4^4 + 6^1 + 8^2 + 11^1 = 40 + 44 + 61 + 82 + 111 \\ 338 &:= 4^0 + 4^4 + 7^1 + 8^2 + 10^1 = 40 + 44 + 71 + 82 + 101 \\ 338 &:= 4^0 + 4^4 + 8^1 + 8^2 + 9^1 = 40 + 44 + 81 + 82 + 91 \\ 338 &:= 4^0 + 6^3 + 7^2 + 8^1 + 8^2 = 40 + 63 + 72 + 81 + 82 \\ 338 &:= 4^1 + 6^2 + 6^3 + 8^0 + 9^2 = 41 + 62 + 63 + 80 + 92 \\ 338 &:= 4^2 + 4^4 + 5^0 + 8^2 + 12^0 = 42 + 44 + 50 + 82 + 120 \\ 338 &:= 4^2 + 4^4 + 6^0 + 8^2 + 11^0 = 42 + 44 + 60 + 82 + 110 \\ 338 &:= 4^2 + 4^4 + 7^0 + 8^2 + 10^0 = 42 + 44 + 70 + 82 + 100 \\ 338 &:= 4^2 + 4^4 + 8^0 + 8^2 + 9^0 = 42 + 44 + 80 + 82 + 90 \\ 338 &:= 4^2 + 5^1 + 6^3 + 8^0 + 10^2 = 42 + 51 + 63 + 80 + 102 \end{aligned}$$

2.2.240 Number 339

$$\begin{aligned}
 339 &:= 1^6 + 14^1 + 18^2 &= 16 + 141 + 182 \\
 339 &:= 1^0 + 1^6 + 13^1 + 18^2 &= 10 + 16 + 131 + 182 \\
 339 &:= 1^1 + 1^5 + 13^1 + 18^2 &= 11 + 15 + 131 + 182 \\
 339 &:= 1^1 + 3^4 + 4^4 + 25^0 &= 11 + 34 + 44 + 250 \\
 339 &:= 1^2 + 1^4 + 13^1 + 18^2 &= 12 + 14 + 131 + 182 \\
 339 &:= 1^3 + 1^3 + 13^1 + 18^2 &= 13 + 13 + 131 + 182 \\
 339 &:= 1^3 + 3^4 + 13^0 + 16^2 &= 13 + 34 + 130 + 162 \\
 339 &:= 1^3 + 4^4 + 9^2 + 19^0 &= 13 + 44 + 92 + 190 \\
 339 &:= 1^4 + 6^3 + 11^2 + 15^0 &= 14 + 63 + 112 + 150 \\
 339 &:= 1^5 + 2^1 + 12^1 + 18^2 &= 15 + 21 + 121 + 182 \\
 339 &:= 1^5 + 3^1 + 11^1 + 18^2 &= 15 + 31 + 111 + 182 \\
 339 &:= 1^5 + 4^1 + 10^1 + 18^2 &= 15 + 41 + 101 + 182 \\
 339 &:= 1^5 + 5^1 + 9^1 + 18^2 &= 15 + 51 + 91 + 182 \\
 339 &:= 1^5 + 6^1 + 8^1 + 18^2 &= 15 + 61 + 81 + 182 \\
 339 &:= 1^5 + 7^0 + 9^2 + 16^2 &= 15 + 70 + 92 + 162 \\
 339 &:= 1^5 + 7^1 + 7^1 + 18^2 &= 15 + 71 + 71 + 182 \\
 339 &:= 1^7 + 2^8 + 3^4 + 26^0 &= 17 + 28 + 34 + 260 \\
 339 &:= 1^9 + 2^8 + 9^2 + 20^0 &= 19 + 28 + 92 + 200 \\
 339 &:= 2^3 + 4^3 + 11^1 + 16^2 &= 23 + 43 + 111 + 162 \\
 339 &:= 2^3 + 6^3 + 10^2 + 15^1 &= 23 + 63 + 102 + 151 \\
 339 &:= 2^3 + 9^2 + 9^2 + 13^2 &= 23 + 92 + 92 + 132 \\
 339 &:= 2^4 + 5^2 + 9^1 + 17^2 &= 24 + 52 + 91 + 172 \\
 339 &:= 2^4 + 6^1 + 11^2 + 14^2 &= 24 + 61 + 112 + 142 \\
 339 &:= 2^5 + 7^0 + 9^2 + 15^2 &= 25 + 70 + 92 + 152 \\
 339 &:= 3^3 + 6^3 + 9^2 + 15^1 &= 33 + 63 + 92 + 151 \\
 339 &:= 3^4 + 8^1 + 9^2 + 13^2 &= 34 + 81 + 92 + 132 \\
 339 &:= 4^2 + 4^4 + 7^2 + 18^1 &= 42 + 44 + 72 + 181 \\
 339 &:= 1^0 + 1^0 + 1^6 + 12^1 + 18^2 &= 10 + 10 + 16 + 121 + 182 \\
 339 &:= 1^0 + 1^1 + 1^5 + 12^1 + 18^2 &= 10 + 11 + 15 + 121 + 182 \\
 339 &:= 1^0 + 1^2 + 1^4 + 12^1 + 18^2 &= 10 + 12 + 14 + 121 + 182 \\
 339 &:= 1^0 + 1^3 + 1^3 + 12^1 + 18^2 &= 10 + 13 + 13 + 121 + 182 \\
 339 &:= 1^0 + 1^3 + 7^2 + 12^2 + 12^2 &= 10 + 13 + 72 + 122 + 122 \\
 339 &:= 1^0 + 1^5 + 2^1 + 11^1 + 18^2 &= 10 + 15 + 21 + 111 + 182 \\
 339 &:= 1^0 + 1^5 + 3^1 + 10^1 + 18^2 &= 10 + 15 + 31 + 101 + 182 \\
 339 &:= 1^0 + 1^5 + 4^1 + 9^1 + 18^2 &= 10 + 15 + 41 + 91 + 182 \\
 339 &:= 1^0 + 1^5 + 5^1 + 8^1 + 18^2 &= 10 + 15 + 51 + 81 + 182 \\
 339 &:= 1^0 + 1^5 + 6^1 + 7^1 + 18^2 &= 10 + 15 + 61 + 71 + 182 \\
 339 &:= 1^0 + 2^3 + 4^3 + 10^1 + 16^2 &= 10 + 23 + 43 + 101 + 162
 \end{aligned}$$

$$\begin{aligned}
 339 &:= 1^0 + 2^3 + 6^3 + 10^2 + 14^1 &= 10 + 23 + 63 + 102 + 141 \\
 339 &:= 1^0 + 2^4 + 5^1 + 11^2 + 14^2 &= 10 + 24 + 51 + 112 + 142 \\
 339 &:= 1^0 + 2^4 + 5^2 + 8^1 + 17^2 &= 10 + 24 + 52 + 81 + 172 \\
 339 &:= 1^0 + 2^4 + 5^3 + 11^0 + 14^2 &= 10 + 24 + 53 + 110 + 142 \\
 339 &:= 1^0 + 2^5 + 4^2 + 9^0 + 17^2 &= 10 + 25 + 42 + 90 + 172 \\
 339 &:= 1^0 + 2^5 + 7^0 + 7^2 + 16^2 &= 10 + 25 + 70 + 72 + 162 \\
 339 &:= 1^0 + 3^3 + 6^3 + 9^2 + 14^1 &= 10 + 33 + 63 + 92 + 141 \\
 339 &:= 1^0 + 3^4 + 7^1 + 9^2 + 13^2 &= 10 + 34 + 71 + 92 + 132 \\
 339 &:= 1^0 + 4^2 + 4^4 + 7^2 + 17^1 &= 10 + 42 + 44 + 72 + 171 \\
 339 &:= 1^0 + 4^3 + 7^2 + 9^2 + 12^2 &= 10 + 43 + 72 + 92 + 122 \\
 339 &:= 1^1 + 1^1 + 1^4 + 12^1 + 18^2 &= 11 + 11 + 14 + 121 + 182 \\
 339 &:= 1^1 + 1^2 + 1^3 + 12^1 + 18^2 &= 11 + 12 + 13 + 121 + 182 \\
 339 &:= 1^1 + 1^2 + 7^2 + 12^2 + 12^2 &= 11 + 12 + 72 + 122 + 122 \\
 339 &:= 1^1 + 1^4 + 2^1 + 11^1 + 18^2 &= 11 + 14 + 21 + 111 + 182 \\
 339 &:= 1^1 + 1^4 + 3^1 + 10^1 + 18^2 &= 11 + 14 + 31 + 101 + 182 \\
 339 &:= 1^1 + 1^4 + 4^1 + 9^1 + 18^2 &= 11 + 14 + 41 + 91 + 182 \\
 339 &:= 1^1 + 1^4 + 5^1 + 8^1 + 18^2 &= 11 + 14 + 51 + 81 + 182 \\
 339 &:= 1^1 + 1^4 + 6^1 + 7^1 + 18^2 &= 11 + 14 + 61 + 71 + 182 \\
 339 &:= 1^1 + 2^3 + 5^1 + 10^2 + 15^2 &= 11 + 23 + 51 + 102 + 152 \\
 339 &:= 1^1 + 2^7 + 2^7 + 3^4 + 24^0 &= 11 + 27 + 27 + 34 + 240 \\
 339 &:= 1^1 + 3^2 + 4^2 + 12^2 + 13^2 &= 11 + 32 + 42 + 122 + 132 \\
 339 &:= 1^1 + 3^2 + 4^3 + 9^1 + 16^2 &= 11 + 32 + 43 + 91 + 162 \\
 339 &:= 1^1 + 3^2 + 6^3 + 10^2 + 13^1 &= 11 + 32 + 63 + 102 + 131 \\
 339 &:= 1^1 + 3^3 + 5^1 + 9^2 + 15^2 &= 11 + 33 + 51 + 92 + 152 \\
 339 &:= 1^1 + 3^3 + 6^1 + 7^2 + 16^2 &= 11 + 33 + 61 + 72 + 162 \\
 339 &:= 1^1 + 3^5 + 7^0 + 9^2 + 13^1 &= 11 + 35 + 70 + 92 + 131 \\
 339 &:= 1^1 + 4^2 + 4^2 + 9^2 + 15^2 &= 11 + 42 + 42 + 92 + 152 \\
 339 &:= 1^1 + 4^3 + 4^4 + 7^0 + 17^1 &= 11 + 43 + 44 + 70 + 171 \\
 339 &:= 1^1 + 4^3 + 5^1 + 10^2 + 13^2 &= 11 + 43 + 51 + 102 + 132 \\
 339 &:= 1^1 + 5^3 + 6^2 + 8^1 + 13^2 &= 11 + 53 + 62 + 81 + 132 \\
 339 &:= 1^2 + 1^2 + 1^2 + 12^1 + 18^2 &= 12 + 12 + 12 + 121 + 182 \\
 339 &:= 1^2 + 1^3 + 2^1 + 11^1 + 18^2 &= 12 + 13 + 21 + 111 + 182 \\
 339 &:= 1^2 + 1^3 + 3^1 + 10^1 + 18^2 &= 12 + 13 + 31 + 101 + 182 \\
 339 &:= 1^2 + 1^3 + 4^1 + 9^1 + 18^2 &= 12 + 13 + 41 + 91 + 182 \\
 339 &:= 1^2 + 1^3 + 5^1 + 8^1 + 18^2 &= 12 + 13 + 51 + 81 + 182 \\
 339 &:= 1^2 + 1^3 + 6^1 + 7^1 + 18^2 &= 12 + 13 + 61 + 71 + 182 \\
 339 &:= 1^2 + 3^0 + 4^4 + 8^2 + 17^1 &= 12 + 30 + 44 + 82 + 171 \\
 339 &:= 1^2 + 3^2 + 4^1 + 10^2 + 15^2 &= 12 + 32 + 41 + 102 + 152
 \end{aligned}$$

$$\begin{aligned} 339 &:= 1^2 + 4^2 + 5^3 + 9^0 + 14^2 = 12 + 42 + 53 + 90 + 142 \\ 339 &:= 1^3 + 2^2 + 3^2 + 9^0 + 18^2 = 13 + 22 + 32 + 90 + 182 \\ 339 &:= 1^3 + 2^3 + 5^1 + 7^0 + 18^2 = 13 + 23 + 51 + 70 + 182 \\ 339 &:= 1^3 + 2^7 + 2^7 + 9^2 + 18^0 = 13 + 27 + 27 + 92 + 180 \\ 339 &:= 1^4 + 2^1 + 2^1 + 10^1 + 18^2 = 14 + 21 + 21 + 101 + 182 \\ 339 &:= 1^4 + 2^1 + 3^1 + 9^1 + 18^2 = 14 + 21 + 31 + 91 + 182 \\ 339 &:= 1^4 + 2^1 + 4^1 + 8^1 + 18^2 = 14 + 21 + 41 + 81 + 182 \\ 339 &:= 1^4 + 2^1 + 5^1 + 7^1 + 18^2 = 14 + 21 + 51 + 71 + 182 \\ 339 &:= 1^4 + 2^1 + 6^1 + 6^1 + 18^2 = 14 + 21 + 61 + 61 + 182 \\ 339 &:= 1^4 + 2^2 + 3^0 + 9^1 + 18^2 = 14 + 22 + 30 + 91 + 182 \\ 339 &:= 1^4 + 2^5 + 2^8 + 7^2 + 20^0 = 14 + 25 + 28 + 72 + 200 \\ 339 &:= 1^4 + 2^6 + 2^8 + 10^0 + 17^1 = 14 + 26 + 28 + 100 + 171 \\ 339 &:= 1^4 + 3^1 + 3^1 + 8^1 + 18^2 = 14 + 31 + 31 + 81 + 182 \\ 339 &:= 1^4 + 3^1 + 4^1 + 7^1 + 18^2 = 14 + 31 + 41 + 71 + 182 \\ 339 &:= 1^4 + 3^1 + 5^1 + 6^1 + 18^2 = 14 + 31 + 51 + 61 + 182 \\ 339 &:= 1^4 + 3^2 + 4^1 + 7^0 + 18^2 = 14 + 32 + 41 + 70 + 182 \\ 339 &:= 1^4 + 4^1 + 4^1 + 6^1 + 18^2 = 14 + 41 + 41 + 61 + 182 \\ 339 &:= 1^4 + 4^1 + 5^1 + 5^1 + 18^2 = 14 + 41 + 51 + 51 + 182 \\ 339 &:= 1^7 + 2^8 + 4^3 + 8^0 + 17^1 = 17 + 28 + 43 + 80 + 171 \\ 339 &:= 1^8 + 2^4 + 2^5 + 10^0 + 17^2 = 18 + 24 + 25 + 100 + 172 \\ 339 &:= 1^8 + 2^5 + 4^4 + 7^2 + 18^0 = 18 + 25 + 44 + 72 + 180 \\ 339 &:= 1^8 + 2^6 + 4^4 + 8^0 + 17^1 = 18 + 26 + 44 + 80 + 171 \\ 339 &:= 1^8 + 2^8 + 4^0 + 8^2 + 17^1 = 18 + 28 + 40 + 82 + 171 \\ 339 &:= 1^9 + 2^0 + 2^7 + 13^1 + 14^2 = 19 + 20 + 27 + 131 + 142 \\ 339 &:= 1^9 + 3^4 + 3^5 + 12^0 + 13^1 = 19 + 34 + 35 + 120 + 131 \\ 339 &:= 2^0 + 2^4 + 5^3 + 10^0 + 14^2 = 20 + 24 + 53 + 100 + 142 \\ 339 &:= 2^0 + 2^5 + 4^2 + 8^0 + 17^2 = 20 + 25 + 42 + 80 + 172 \\ 339 &:= 2^0 + 2^5 + 6^0 + 7^2 + 16^2 = 20 + 25 + 60 + 72 + 162 \\ 339 &:= 2^1 + 2^2 + 4^2 + 11^2 + 14^2 = 21 + 22 + 42 + 112 + 142 \\ 339 &:= 2^1 + 2^3 + 4^1 + 10^2 + 15^2 = 21 + 23 + 41 + 102 + 152 \\ 339 &:= 2^1 + 2^4 + 2^6 + 2^8 + 24^0 = 21 + 24 + 26 + 28 + 240 \\ 339 &:= 2^1 + 2^4 + 5^0 + 8^2 + 16^2 = 21 + 24 + 50 + 82 + 162 \\ 339 &:= 2^1 + 3^2 + 4^3 + 8^1 + 16^2 = 21 + 32 + 43 + 81 + 162 \\ 339 &:= 2^1 + 3^2 + 6^2 + 6^2 + 16^2 = 21 + 32 + 62 + 62 + 162 \\ 339 &:= 2^1 + 3^2 + 6^3 + 10^2 + 12^1 = 21 + 32 + 63 + 102 + 121 \\ 339 &:= 2^1 + 3^3 + 4^1 + 9^2 + 15^2 = 21 + 33 + 41 + 92 + 152 \\ 339 &:= 2^1 + 3^3 + 5^1 + 7^2 + 16^2 = 21 + 33 + 51 + 72 + 162 \\ 339 &:= 2^1 + 3^5 + 7^0 + 9^2 + 12^1 = 21 + 35 + 70 + 92 + 121 \end{aligned}$$

$$\begin{aligned} 339 &:= 2^1 + 4^1 + 4^3 + 10^2 + 13^2 = 21 + 41 + 43 + 102 + 132 \\ 339 &:= 2^1 + 4^2 + 4^2 + 7^2 + 16^2 = 21 + 42 + 42 + 72 + 162 \\ 339 &:= 2^1 + 4^2 + 4^4 + 8^2 + 15^0 = 21 + 42 + 44 + 82 + 150 \\ 339 &:= 2^1 + 4^3 + 4^4 + 7^0 + 16^1 = 21 + 43 + 44 + 70 + 161 \\ 339 &:= 2^1 + 5^3 + 6^2 + 7^1 + 13^2 = 21 + 53 + 62 + 71 + 132 \\ 339 &:= 2^2 + 2^2 + 6^1 + 6^2 + 17^2 = 22 + 22 + 61 + 62 + 172 \\ 339 &:= 2^2 + 4^2 + 5^1 + 5^2 + 17^2 = 22 + 42 + 51 + 52 + 172 \\ 339 &:= 2^2 + 4^4 + 5^0 + 8^2 + 14^1 = 22 + 44 + 50 + 82 + 141 \\ 339 &:= 2^3 + 3^0 + 5^2 + 7^2 + 16^2 = 23 + 30 + 52 + 72 + 162 \\ 339 &:= 2^3 + 3^0 + 5^3 + 9^1 + 14^2 = 23 + 30 + 53 + 91 + 142 \\ 339 &:= 2^3 + 3^1 + 3^1 + 10^2 + 15^2 = 23 + 31 + 31 + 102 + 152 \\ 339 &:= 2^3 + 4^2 + 5^0 + 5^2 + 17^2 = 23 + 42 + 50 + 52 + 172 \\ 339 &:= 2^4 + 3^0 + 5^3 + 9^0 + 14^2 = 24 + 30 + 53 + 90 + 142 \\ 339 &:= 2^4 + 4^0 + 5^3 + 8^0 + 14^2 = 24 + 40 + 53 + 80 + 142 \\ 339 &:= 2^4 + 5^0 + 5^3 + 7^0 + 14^2 = 24 + 50 + 53 + 70 + 142 \\ 339 &:= 2^4 + 5^3 + 6^0 + 6^0 + 14^2 = 24 + 53 + 60 + 60 + 142 \\ 339 &:= 2^5 + 2^5 + 2^8 + 8^0 + 18^1 = 25 + 25 + 28 + 80 + 181 \\ 339 &:= 2^5 + 3^0 + 4^2 + 7^0 + 17^2 = 25 + 30 + 42 + 70 + 172 \\ 339 &:= 2^5 + 3^0 + 5^0 + 7^2 + 16^2 = 25 + 30 + 50 + 72 + 162 \\ 339 &:= 2^5 + 4^0 + 4^0 + 7^2 + 16^2 = 25 + 40 + 40 + 72 + 162 \\ 339 &:= 2^5 + 4^0 + 4^2 + 6^0 + 17^2 = 25 + 40 + 42 + 60 + 172 \\ 339 &:= 2^5 + 4^2 + 5^0 + 5^0 + 17^2 = 25 + 42 + 50 + 50 + 172 \\ 339 &:= 3^0 + 3^2 + 4^3 + 11^2 + 12^2 = 30 + 32 + 43 + 112 + 122 \\ 339 &:= 3^0 + 3^4 + 5^2 + 7^1 + 15^2 = 30 + 34 + 52 + 71 + 152 \\ 339 &:= 3^0 + 5^3 + 7^2 + 8^2 + 10^2 = 30 + 53 + 72 + 82 + 102 \\ 339 &:= 3^1 + 3^1 + 3^3 + 9^2 + 15^2 = 31 + 31 + 33 + 92 + 152 \\ 339 &:= 3^1 + 3^1 + 4^3 + 10^2 + 13^2 = 31 + 31 + 43 + 102 + 132 \\ 339 &:= 3^1 + 3^2 + 4^3 + 7^1 + 16^2 = 31 + 32 + 43 + 71 + 162 \\ 339 &:= 3^1 + 3^2 + 6^3 + 10^2 + 11^1 = 31 + 32 + 63 + 102 + 111 \\ 339 &:= 3^1 + 3^3 + 4^1 + 7^2 + 16^2 = 31 + 33 + 41 + 72 + 162 \\ 339 &:= 3^1 + 3^5 + 7^0 + 9^2 + 11^1 = 31 + 35 + 70 + 92 + 111 \\ 339 &:= 3^1 + 4^3 + 4^4 + 7^0 + 15^1 = 31 + 43 + 44 + 70 + 151 \\ 339 &:= 3^1 + 5^3 + 6^1 + 6^2 + 13^2 = 31 + 53 + 61 + 62 + 132 \\ 339 &:= 3^2 + 3^2 + 4^3 + 7^0 + 16^2 = 32 + 32 + 43 + 70 + 162 \\ 339 &:= 3^2 + 4^1 + 4^3 + 6^1 + 16^2 = 32 + 41 + 43 + 61 + 162 \\ 339 &:= 3^2 + 4^1 + 6^3 + 10^1 + 10^2 = 32 + 41 + 63 + 101 + 102 \\ 339 &:= 3^2 + 4^3 + 5^1 + 5^1 + 16^2 = 32 + 43 + 51 + 51 + 162 \\ 339 &:= 3^2 + 4^4 + 8^2 + 9^0 + 9^1 = 32 + 44 + 82 + 90 + 91 \end{aligned}$$

$$\begin{aligned}
 339 &:= 3^2 + 5^1 + 6^3 + 9^1 + 10^2 = 32 + 51 + 63 + 91 + 102 \\
 339 &:= 3^2 + 6^1 + 6^3 + 8^1 + 10^2 = 32 + 61 + 63 + 81 + 102 \\
 339 &:= 3^2 + 6^3 + 7^1 + 7^1 + 10^2 = 32 + 63 + 71 + 71 + 102 \\
 339 &:= 3^2 + 6^3 + 7^2 + 8^2 + 9^0 = 32 + 63 + 72 + 82 + 90 \\
 339 &:= 3^5 + 4^1 + 7^0 + 9^2 + 10^1 = 35 + 41 + 70 + 92 + 101 \\
 339 &:= 3^5 + 5^1 + 7^0 + 9^1 + 9^2 = 35 + 51 + 70 + 91 + 92 \\
 339 &:= 3^5 + 6^1 + 7^0 + 8^1 + 9^2 = 35 + 61 + 70 + 81 + 92 \\
 339 &:= 3^5 + 7^0 + 7^1 + 7^1 + 9^2 = 35 + 70 + 71 + 71 + 92 \\
 339 &:= 4^1 + 4^3 + 4^4 + 7^0 + 14^1 = 41 + 43 + 44 + 70 + 141 \\
 339 &:= 4^1 + 5^1 + 5^3 + 6^2 + 13^2 = 41 + 51 + 53 + 62 + 132 \\
 339 &:= 4^2 + 5^2 + 6^3 + 9^0 + 9^2 = 42 + 52 + 63 + 90 + 92
 \end{aligned}$$

$$\begin{aligned}
 339 &:= 4^3 + 4^4 + 5^1 + 7^0 + 13^1 = 43 + 44 + 51 + 70 + 131 \\
 339 &:= 4^3 + 4^4 + 6^1 + 7^0 + 12^1 = 43 + 44 + 61 + 70 + 121 \\
 339 &:= 4^3 + 4^4 + 7^0 + 7^1 + 11^1 = 43 + 44 + 70 + 71 + 111 \\
 339 &:= 4^3 + 4^4 + 7^0 + 8^1 + 10^1 = 43 + 44 + 70 + 81 + 101 \\
 339 &:= 4^3 + 4^4 + 7^0 + 9^1 + 9^1 = 43 + 44 + 70 + 91 + 91 \\
 339 &:= 4^3 + 5^1 + 5^3 + 7^0 + 12^2 = 43 + 51 + 53 + 70 + 122 \\
 339 &:= 4^3 + 6^3 + 7^0 + 7^2 + 9^1 = 43 + 63 + 70 + 72 + 91 \\
 339 &:= 4^4 + 5^2 + 7^2 + 8^1 + 9^0 = 44 + 52 + 72 + 81 + 90 \\
 339 &:= 4^4 + 6^2 + 6^2 + 7^0 + 10^1 = 44 + 62 + 62 + 70 + 101 \\
 339 &:= 5^3 + 5^3 + 7^0 + 7^1 + 9^2 = 53 + 53 + 70 + 71 + 92
 \end{aligned}$$

2.2.241 Number 340

$$\begin{aligned}
 340 &:= 1^6 + 6^0 + 13^2 + 13^2 = 16 + 60 + 132 + 132 \\
 340 &:= 1^6 + 7^2 + 8^0 + 17^2 = 16 + 72 + 80 + 172 \\
 340 &:= 2^0 + 2^7 + 14^2 + 15^1 = 20 + 27 + 142 + 151 \\
 340 &:= 3^4 + 3^5 + 12^0 + 15^1 = 34 + 35 + 120 + 151 \\
 340 &:= 1^0 + 1^0 + 2^8 + 9^2 + 20^0 = 10 + 10 + 28 + 92 + 200 \\
 340 &:= 1^0 + 1^2 + 3^4 + 4^4 + 24^0 = 10 + 12 + 34 + 44 + 240 \\
 340 &:= 1^0 + 1^4 + 3^4 + 12^0 + 16^2 = 10 + 14 + 34 + 120 + 162 \\
 340 &:= 1^0 + 1^4 + 4^4 + 9^2 + 18^0 = 10 + 14 + 44 + 92 + 180 \\
 340 &:= 1^0 + 1^5 + 6^3 + 11^2 + 14^0 = 10 + 15 + 63 + 112 + 140 \\
 340 &:= 1^0 + 1^6 + 6^0 + 9^2 + 16^2 = 10 + 16 + 60 + 92 + 162 \\
 340 &:= 1^0 + 1^8 + 2^8 + 3^4 + 25^0 = 10 + 18 + 28 + 34 + 250 \\
 340 &:= 1^0 + 2^0 + 2^7 + 14^1 + 14^2 = 10 + 20 + 27 + 141 + 142 \\
 340 &:= 1^0 + 2^0 + 2^8 + 9^2 + 19^0 = 10 + 20 + 28 + 92 + 190 \\
 340 &:= 1^0 + 2^6 + 7^2 + 8^0 + 15^2 = 10 + 26 + 72 + 80 + 152 \\
 340 &:= 1^0 + 2^8 + 3^0 + 9^2 + 18^0 = 10 + 28 + 30 + 92 + 180 \\
 340 &:= 1^0 + 2^8 + 4^0 + 9^2 + 17^0 = 10 + 28 + 40 + 92 + 170 \\
 340 &:= 1^0 + 2^8 + 5^0 + 9^2 + 16^0 = 10 + 28 + 50 + 92 + 160 \\
 340 &:= 1^0 + 2^8 + 6^0 + 9^2 + 15^0 = 10 + 28 + 60 + 92 + 150 \\
 340 &:= 1^0 + 2^8 + 7^0 + 9^2 + 14^0 = 10 + 28 + 70 + 92 + 140 \\
 340 &:= 1^0 + 2^8 + 8^0 + 9^2 + 13^0 = 10 + 28 + 80 + 92 + 130 \\
 340 &:= 1^0 + 2^8 + 9^0 + 9^2 + 12^0 = 10 + 28 + 90 + 92 + 120 \\
 340 &:= 1^0 + 2^8 + 9^2 + 10^0 + 11^0 = 10 + 28 + 92 + 100 + 110 \\
 340 &:= 1^0 + 3^4 + 3^5 + 12^0 + 14^1 = 10 + 34 + 35 + 120 + 141 \\
 340 &:= 1^1 + 1^1 + 3^4 + 4^4 + 24^0 = 11 + 11 + 34 + 44 + 240
 \end{aligned}$$

$$\begin{aligned}
 340 &:= 1^1 + 1^3 + 3^4 + 12^0 + 16^2 = 11 + 13 + 34 + 120 + 162 \\
 340 &:= 1^1 + 1^3 + 4^4 + 9^2 + 18^0 = 11 + 13 + 44 + 92 + 180 \\
 340 &:= 1^1 + 1^4 + 6^3 + 11^2 + 14^0 = 11 + 14 + 63 + 112 + 140 \\
 340 &:= 1^1 + 1^5 + 6^0 + 9^2 + 16^2 = 11 + 15 + 60 + 92 + 162 \\
 340 &:= 1^1 + 1^7 + 2^8 + 3^4 + 25^0 = 11 + 17 + 28 + 34 + 250 \\
 340 &:= 1^1 + 1^9 + 2^7 + 14^1 + 14^2 = 11 + 19 + 27 + 141 + 142 \\
 340 &:= 1^1 + 1^9 + 2^8 + 9^2 + 19^0 = 11 + 19 + 28 + 92 + 190 \\
 340 &:= 1^1 + 2^5 + 6^0 + 9^2 + 15^2 = 11 + 25 + 60 + 92 + 152 \\
 340 &:= 1^2 + 1^2 + 3^4 + 12^0 + 16^2 = 12 + 12 + 34 + 120 + 162 \\
 340 &:= 1^2 + 1^2 + 4^4 + 9^2 + 18^0 = 12 + 12 + 44 + 92 + 180 \\
 340 &:= 1^2 + 1^3 + 6^3 + 11^2 + 14^0 = 12 + 13 + 63 + 112 + 140 \\
 340 &:= 1^2 + 1^4 + 6^0 + 9^2 + 16^2 = 12 + 14 + 60 + 92 + 162 \\
 340 &:= 1^2 + 1^6 + 2^8 + 3^4 + 25^0 = 12 + 16 + 28 + 34 + 250 \\
 340 &:= 1^2 + 1^8 + 2^7 + 14^1 + 14^2 = 12 + 18 + 27 + 141 + 142 \\
 340 &:= 1^2 + 1^8 + 2^8 + 9^2 + 19^0 = 12 + 18 + 28 + 92 + 190 \\
 340 &:= 1^2 + 2^0 + 3^4 + 4^4 + 23^0 = 12 + 20 + 34 + 44 + 230 \\
 340 &:= 1^2 + 3^0 + 3^4 + 4^4 + 22^0 = 12 + 30 + 34 + 44 + 220 \\
 340 &:= 1^2 + 3^4 + 4^0 + 4^4 + 21^0 = 12 + 34 + 40 + 44 + 210 \\
 340 &:= 1^2 + 3^4 + 4^4 + 10^0 + 15^0 = 12 + 34 + 44 + 100 + 150 \\
 340 &:= 1^2 + 3^4 + 4^4 + 11^0 + 14^0 = 12 + 34 + 44 + 110 + 140 \\
 340 &:= 1^2 + 3^4 + 4^4 + 12^0 + 13^0 = 12 + 34 + 44 + 120 + 130 \\
 340 &:= 1^2 + 3^4 + 4^4 + 5^0 + 20^0 = 12 + 34 + 44 + 50 + 200 \\
 340 &:= 1^2 + 3^4 + 4^4 + 6^0 + 19^0 = 12 + 34 + 44 + 60 + 190 \\
 340 &:= 1^2 + 3^4 + 4^4 + 7^0 + 18^0 = 12 + 34 + 44 + 70 + 180
 \end{aligned}$$

$$\begin{aligned} 340 &:= 1^2 + 3^4 + 4^4 + 8^0 + 17^0 = 12 + 34 + 44 + 80 + 170 \\ 340 &:= 1^2 + 3^4 + 4^4 + 9^0 + 16^0 = 12 + 34 + 44 + 90 + 160 \\ 340 &:= 1^2 + 3^5 + 6^0 + 9^2 + 14^1 = 12 + 35 + 60 + 92 + 141 \\ 340 &:= 1^2 + 4^3 + 4^4 + 6^0 + 18^1 = 12 + 43 + 44 + 60 + 181 \\ 340 &:= 1^3 + 1^3 + 6^0 + 9^2 + 16^2 = 13 + 13 + 60 + 92 + 162 \\ 340 &:= 1^3 + 1^5 + 2^8 + 3^4 + 25^0 = 13 + 15 + 28 + 34 + 250 \\ 340 &:= 1^3 + 1^7 + 2^7 + 14^1 + 14^2 = 13 + 17 + 27 + 141 + 142 \\ 340 &:= 1^3 + 1^7 + 2^8 + 9^2 + 19^0 = 13 + 17 + 28 + 92 + 190 \\ 340 &:= 1^3 + 1^9 + 3^4 + 4^4 + 23^0 = 13 + 19 + 34 + 44 + 230 \\ 340 &:= 1^3 + 2^0 + 4^4 + 8^2 + 18^1 = 13 + 20 + 44 + 82 + 181 \\ 340 &:= 1^3 + 2^5 + 2^8 + 3^3 + 24^1 = 13 + 25 + 28 + 33 + 241 \\ 340 &:= 1^3 + 2^6 + 2^7 + 5^3 + 22^1 = 13 + 26 + 27 + 53 + 221 \\ 340 &:= 1^3 + 2^7 + 2^7 + 8^2 + 19^1 = 13 + 27 + 27 + 82 + 191 \\ 340 &:= 1^3 + 4^3 + 6^0 + 7^2 + 15^2 = 13 + 43 + 60 + 72 + 152 \\ 340 &:= 1^4 + 1^4 + 2^8 + 3^4 + 25^0 = 14 + 14 + 28 + 34 + 250 \\ 340 &:= 1^4 + 1^6 + 2^7 + 14^1 + 14^2 = 14 + 16 + 27 + 141 + 142 \\ 340 &:= 1^4 + 1^6 + 2^8 + 9^2 + 19^0 = 14 + 16 + 28 + 92 + 190 \\ 340 &:= 1^4 + 1^8 + 3^4 + 4^4 + 23^0 = 14 + 18 + 34 + 44 + 230 \\ 340 &:= 1^4 + 1^9 + 4^4 + 8^2 + 18^1 = 14 + 19 + 44 + 82 + 181 \\ 340 &:= 1^4 + 2^0 + 3^4 + 11^0 + 16^2 = 14 + 20 + 34 + 110 + 162 \\ 340 &:= 1^4 + 2^0 + 4^4 + 9^2 + 17^0 = 14 + 20 + 44 + 92 + 170 \\ 340 &:= 1^4 + 2^0 + 5^2 + 12^2 + 13^2 = 14 + 20 + 52 + 122 + 132 \\ 340 &:= 1^4 + 2^0 + 7^2 + 8^2 + 15^2 = 14 + 20 + 72 + 82 + 152 \\ 340 &:= 1^4 + 2^3 + 6^0 + 6^1 + 18^2 = 14 + 23 + 60 + 61 + 182 \\ 340 &:= 1^4 + 3^0 + 3^4 + 10^0 + 16^2 = 14 + 30 + 34 + 100 + 162 \\ 340 &:= 1^4 + 3^0 + 4^4 + 9^2 + 16^0 = 14 + 30 + 44 + 92 + 160 \\ 340 &:= 1^4 + 3^4 + 4^0 + 9^0 + 16^2 = 14 + 34 + 40 + 90 + 162 \\ 340 &:= 1^4 + 3^4 + 5^0 + 8^0 + 16^2 = 14 + 34 + 50 + 80 + 162 \\ 340 &:= 1^4 + 3^4 + 6^0 + 7^0 + 16^2 = 14 + 34 + 60 + 70 + 162 \\ 340 &:= 1^4 + 4^0 + 4^4 + 9^2 + 15^0 = 14 + 40 + 44 + 92 + 150 \\ 340 &:= 1^4 + 4^4 + 5^0 + 9^2 + 14^0 = 14 + 44 + 50 + 92 + 140 \\ 340 &:= 1^4 + 4^4 + 6^0 + 9^2 + 13^0 = 14 + 44 + 60 + 92 + 130 \\ 340 &:= 1^4 + 4^4 + 7^0 + 9^2 + 12^0 = 14 + 44 + 70 + 92 + 120 \\ 340 &:= 1^4 + 4^4 + 8^0 + 9^2 + 11^0 = 14 + 44 + 80 + 92 + 110 \\ 340 &:= 1^4 + 4^4 + 9^0 + 9^2 + 10^0 = 14 + 44 + 90 + 92 + 100 \\ 340 &:= 1^5 + 1^5 + 2^7 + 14^1 + 14^2 = 15 + 15 + 27 + 141 + 142 \\ 340 &:= 1^5 + 1^5 + 2^8 + 9^2 + 19^0 = 15 + 15 + 28 + 92 + 190 \\ 340 &:= 1^5 + 1^7 + 3^4 + 4^4 + 23^0 = 15 + 17 + 34 + 44 + 230 \end{aligned}$$

$$\begin{aligned} 340 &:= 1^5 + 1^8 + 4^4 + 8^2 + 18^1 = 15 + 18 + 44 + 82 + 181 \\ 340 &:= 1^5 + 1^9 + 3^4 + 11^0 + 16^2 = 15 + 19 + 34 + 110 + 162 \\ 340 &:= 1^5 + 1^9 + 4^4 + 9^2 + 17^0 = 15 + 19 + 44 + 92 + 170 \\ 340 &:= 1^5 + 1^9 + 5^2 + 12^2 + 13^2 = 15 + 19 + 52 + 122 + 132 \\ 340 &:= 1^5 + 1^9 + 7^2 + 8^2 + 15^2 = 15 + 19 + 72 + 82 + 152 \\ 340 &:= 1^5 + 2^0 + 2^2 + 10^1 + 18^2 = 15 + 20 + 22 + 101 + 182 \\ 340 &:= 1^5 + 2^0 + 6^3 + 11^2 + 13^0 = 15 + 20 + 63 + 112 + 130 \\ 340 &:= 1^5 + 2^3 + 2^6 + 3^5 + 24^1 = 15 + 23 + 26 + 35 + 241 \\ 340 &:= 1^5 + 2^6 + 2^8 + 9^0 + 18^1 = 15 + 26 + 28 + 90 + 181 \\ 340 &:= 1^5 + 3^0 + 6^3 + 11^2 + 12^0 = 15 + 30 + 63 + 112 + 120 \\ 340 &:= 1^5 + 3^2 + 5^1 + 6^0 + 18^2 = 15 + 32 + 51 + 60 + 182 \\ 340 &:= 1^5 + 4^0 + 6^3 + 11^0 + 11^2 = 15 + 40 + 63 + 110 + 112 \\ 340 &:= 1^5 + 5^0 + 6^3 + 10^0 + 11^2 = 15 + 50 + 63 + 100 + 112 \\ 340 &:= 1^5 + 6^0 + 6^3 + 9^0 + 11^2 = 15 + 60 + 63 + 90 + 112 \\ 340 &:= 1^5 + 6^3 + 7^0 + 8^0 + 11^2 = 15 + 63 + 70 + 80 + 112 \\ 340 &:= 1^6 + 1^6 + 3^4 + 4^4 + 23^0 = 16 + 16 + 34 + 44 + 230 \\ 340 &:= 1^6 + 1^7 + 4^4 + 8^2 + 18^1 = 16 + 17 + 44 + 82 + 181 \\ 340 &:= 1^6 + 1^8 + 3^4 + 11^0 + 16^2 = 16 + 18 + 34 + 110 + 162 \\ 340 &:= 1^6 + 1^8 + 4^4 + 9^2 + 17^0 = 16 + 18 + 44 + 92 + 170 \\ 340 &:= 1^6 + 1^8 + 5^2 + 12^2 + 13^2 = 16 + 18 + 52 + 122 + 132 \\ 340 &:= 1^6 + 1^8 + 7^2 + 8^2 + 15^2 = 16 + 18 + 72 + 82 + 152 \\ 340 &:= 1^6 + 1^9 + 2^2 + 10^1 + 18^2 = 16 + 19 + 22 + 101 + 182 \\ 340 &:= 1^6 + 1^9 + 6^3 + 11^2 + 13^0 = 16 + 19 + 63 + 112 + 130 \\ 340 &:= 1^6 + 2^0 + 5^0 + 9^2 + 16^2 = 16 + 20 + 50 + 92 + 162 \\ 340 &:= 1^6 + 2^6 + 3^2 + 3^5 + 23^1 = 16 + 26 + 32 + 35 + 231 \\ 340 &:= 1^6 + 2^8 + 3^3 + 6^2 + 20^1 = 16 + 28 + 33 + 62 + 201 \\ 340 &:= 1^6 + 3^0 + 4^0 + 9^2 + 16^2 = 16 + 30 + 40 + 92 + 162 \\ 340 &:= 1^7 + 1^7 + 3^4 + 11^0 + 16^2 = 17 + 17 + 34 + 110 + 162 \\ 340 &:= 1^7 + 1^7 + 4^4 + 9^2 + 17^0 = 17 + 17 + 44 + 92 + 170 \\ 340 &:= 1^7 + 1^7 + 5^2 + 12^2 + 13^2 = 17 + 17 + 52 + 122 + 132 \\ 340 &:= 1^7 + 1^7 + 7^2 + 8^2 + 15^2 = 17 + 17 + 72 + 82 + 152 \\ 340 &:= 1^7 + 1^8 + 2^2 + 10^1 + 18^2 = 17 + 18 + 22 + 101 + 182 \\ 340 &:= 1^7 + 1^8 + 6^3 + 11^2 + 13^0 = 17 + 18 + 63 + 112 + 130 \\ 340 &:= 1^7 + 1^9 + 5^0 + 9^2 + 16^2 = 17 + 19 + 50 + 92 + 162 \\ 340 &:= 1^7 + 2^8 + 4^2 + 7^2 + 18^1 = 17 + 28 + 42 + 72 + 181 \\ 340 &:= 1^8 + 1^8 + 5^0 + 9^2 + 16^2 = 18 + 18 + 50 + 92 + 162 \\ 340 &:= 1^8 + 2^0 + 2^8 + 3^4 + 24^0 = 18 + 20 + 28 + 34 + 240 \\ 340 &:= 1^8 + 2^3 + 2^6 + 11^1 + 16^2 = 18 + 23 + 26 + 111 + 162 \end{aligned}$$

$$\begin{aligned} 340 &:= 1^8 + 2^7 + 9^1 + 9^2 + 11^2 = 18 + 27 + 91 + 92 + 112 \\ 340 &:= 1^8 + 2^8 + 3^0 + 3^4 + 23^0 = 18 + 28 + 30 + 34 + 230 \\ 340 &:= 1^8 + 2^8 + 3^4 + 10^0 + 16^0 = 18 + 28 + 34 + 100 + 160 \\ 340 &:= 1^8 + 2^8 + 3^4 + 11^0 + 15^0 = 18 + 28 + 34 + 110 + 150 \\ 340 &:= 1^8 + 2^8 + 3^4 + 12^0 + 14^0 = 18 + 28 + 34 + 120 + 140 \\ 340 &:= 1^8 + 2^8 + 3^4 + 13^0 + 13^0 = 18 + 28 + 34 + 130 + 130 \\ 340 &:= 1^8 + 2^8 + 3^4 + 4^0 + 22^0 = 18 + 28 + 34 + 40 + 220 \\ 340 &:= 1^8 + 2^8 + 3^4 + 5^0 + 21^0 = 18 + 28 + 34 + 50 + 210 \\ 340 &:= 1^8 + 2^8 + 3^4 + 6^0 + 20^0 = 18 + 28 + 34 + 60 + 200 \\ 340 &:= 1^8 + 2^8 + 3^4 + 7^0 + 19^0 = 18 + 28 + 34 + 70 + 190 \\ 340 &:= 1^8 + 2^8 + 3^4 + 8^0 + 18^0 = 18 + 28 + 34 + 80 + 180 \\ 340 &:= 1^8 + 2^8 + 3^4 + 9^0 + 17^0 = 18 + 28 + 34 + 90 + 170 \\ 340 &:= 1^8 + 2^8 + 4^3 + 7^0 + 18^1 = 18 + 28 + 43 + 70 + 181 \\ 340 &:= 1^9 + 1^9 + 2^8 + 3^4 + 24^0 = 19 + 19 + 28 + 34 + 240 \\ 340 &:= 1^9 + 2^1 + 2^7 + 13^1 + 14^2 = 19 + 21 + 27 + 131 + 142 \\ 340 &:= 1^9 + 2^3 + 2^5 + 10^1 + 17^2 = 19 + 23 + 25 + 101 + 172 \\ 340 &:= 1^9 + 2^4 + 4^4 + 7^2 + 18^1 = 19 + 24 + 44 + 72 + 181 \\ 340 &:= 1^9 + 2^5 + 3^4 + 11^0 + 15^2 = 19 + 25 + 34 + 110 + 152 \\ 340 &:= 1^9 + 2^6 + 3^2 + 10^1 + 16^2 = 19 + 26 + 32 + 101 + 162 \\ 340 &:= 1^9 + 2^6 + 4^4 + 7^0 + 18^1 = 19 + 26 + 44 + 70 + 181 \\ 340 &:= 1^9 + 2^6 + 6^1 + 10^2 + 13^2 = 19 + 26 + 61 + 102 + 132 \\ 340 &:= 1^9 + 2^7 + 3^1 + 12^1 + 14^2 = 19 + 27 + 31 + 121 + 142 \\ 340 &:= 1^9 + 2^7 + 4^1 + 11^1 + 14^2 = 19 + 27 + 41 + 111 + 142 \\ 340 &:= 1^9 + 2^7 + 5^1 + 10^1 + 14^2 = 19 + 27 + 51 + 101 + 142 \\ 340 &:= 1^9 + 2^7 + 6^1 + 9^1 + 14^2 = 19 + 27 + 61 + 91 + 142 \\ 340 &:= 1^9 + 2^7 + 7^1 + 8^1 + 14^2 = 19 + 27 + 71 + 81 + 142 \\ 340 &:= 1^9 + 2^8 + 3^0 + 8^2 + 18^1 = 19 + 28 + 30 + 82 + 181 \\ 340 &:= 2^0 + 2^0 + 2^8 + 9^2 + 18^0 = 20 + 20 + 28 + 92 + 180 \\ 340 &:= 2^0 + 2^4 + 7^2 + 7^2 + 15^2 = 20 + 24 + 72 + 72 + 152 \\ 340 &:= 2^0 + 2^5 + 3^2 + 9^1 + 17^2 = 20 + 25 + 32 + 91 + 172 \\ 340 &:= 2^0 + 2^6 + 7^0 + 7^2 + 15^2 = 20 + 26 + 70 + 72 + 152 \\ 340 &:= 2^0 + 2^8 + 3^0 + 9^2 + 17^0 = 20 + 28 + 30 + 92 + 170 \\ 340 &:= 2^0 + 2^8 + 4^0 + 9^2 + 16^0 = 20 + 28 + 40 + 92 + 160 \\ 340 &:= 2^0 + 2^8 + 5^0 + 9^2 + 15^0 = 20 + 28 + 50 + 92 + 150 \\ 340 &:= 2^0 + 2^8 + 6^0 + 9^2 + 14^0 = 20 + 28 + 60 + 92 + 140 \\ 340 &:= 2^0 + 2^8 + 7^0 + 9^2 + 13^0 = 20 + 28 + 70 + 92 + 130 \\ 340 &:= 2^0 + 2^8 + 8^0 + 9^2 + 12^0 = 20 + 28 + 80 + 92 + 120 \\ 340 &:= 2^0 + 2^8 + 9^0 + 9^2 + 11^0 = 20 + 28 + 90 + 92 + 110 \end{aligned}$$

$$\begin{aligned} 340 &:= 2^0 + 2^8 + 9^2 + 10^0 + 10^0 = 20 + 28 + 92 + 100 + 100 \\ 340 &:= 2^0 + 3^4 + 3^5 + 11^0 + 14^1 = 20 + 34 + 35 + 110 + 141 \\ 340 &:= 2^0 + 3^4 + 5^2 + 6^3 + 17^1 = 20 + 34 + 52 + 63 + 171 \\ 340 &:= 2^0 + 3^4 + 5^3 + 11^2 + 12^1 = 20 + 34 + 53 + 112 + 121 \\ 340 &:= 2^0 + 3^5 + 4^2 + 8^2 + 16^1 = 20 + 35 + 42 + 82 + 161 \\ 340 &:= 2^1 + 2^4 + 5^3 + 10^0 + 14^2 = 21 + 24 + 53 + 100 + 142 \\ 340 &:= 2^1 + 2^5 + 4^2 + 8^0 + 17^2 = 21 + 25 + 42 + 80 + 172 \\ 340 &:= 2^1 + 2^5 + 6^0 + 7^2 + 16^2 = 21 + 25 + 60 + 72 + 162 \\ 340 &:= 2^2 + 3^5 + 8^0 + 9^2 + 11^1 = 22 + 35 + 80 + 92 + 111 \\ 340 &:= 2^2 + 4^3 + 4^4 + 8^0 + 15^1 = 22 + 43 + 44 + 80 + 151 \\ 340 &:= 2^3 + 4^4 + 8^0 + 8^2 + 11^1 = 23 + 44 + 80 + 82 + 111 \\ 340 &:= 2^4 + 3^1 + 4^3 + 8^0 + 16^2 = 24 + 31 + 43 + 80 + 162 \\ 340 &:= 2^4 + 3^2 + 5^2 + 6^0 + 17^2 = 24 + 32 + 52 + 60 + 172 \\ 340 &:= 2^4 + 3^3 + 4^0 + 7^1 + 17^2 = 24 + 33 + 40 + 71 + 172 \\ 340 &:= 2^4 + 6^3 + 7^1 + 8^0 + 10^2 = 24 + 63 + 71 + 80 + 102 \\ 340 &:= 2^5 + 2^5 + 2^5 + 3^5 + 23^0 = 25 + 25 + 25 + 35 + 230 \\ 340 &:= 2^6 + 2^7 + 3^4 + 7^2 + 18^1 = 26 + 27 + 34 + 72 + 181 \\ 340 &:= 2^6 + 2^7 + 4^3 + 4^3 + 20^1 = 26 + 27 + 43 + 43 + 201 \\ 340 &:= 2^6 + 3^0 + 6^0 + 7^2 + 15^2 = 26 + 30 + 60 + 72 + 152 \\ 340 &:= 2^6 + 4^0 + 5^0 + 7^2 + 15^2 = 26 + 40 + 50 + 72 + 152 \\ 340 &:= 2^8 + 3^0 + 3^0 + 9^2 + 16^0 = 28 + 30 + 30 + 92 + 160 \\ 340 &:= 2^8 + 3^0 + 4^0 + 9^2 + 15^0 = 28 + 30 + 40 + 92 + 150 \\ 340 &:= 2^8 + 3^0 + 5^0 + 9^2 + 14^0 = 28 + 30 + 50 + 92 + 140 \\ 340 &:= 2^8 + 3^0 + 6^0 + 9^2 + 13^0 = 28 + 30 + 60 + 92 + 130 \\ 340 &:= 2^8 + 3^0 + 7^0 + 9^2 + 12^0 = 28 + 30 + 70 + 92 + 120 \\ 340 &:= 2^8 + 3^0 + 8^0 + 9^2 + 11^0 = 28 + 30 + 80 + 92 + 110 \\ 340 &:= 2^8 + 3^0 + 9^0 + 9^2 + 10^0 = 28 + 30 + 90 + 92 + 100 \\ 340 &:= 2^8 + 4^0 + 4^0 + 9^2 + 14^0 = 28 + 40 + 40 + 92 + 140 \\ 340 &:= 2^8 + 4^0 + 5^0 + 9^2 + 13^0 = 28 + 40 + 50 + 92 + 130 \\ 340 &:= 2^8 + 4^0 + 6^0 + 9^2 + 12^0 = 28 + 40 + 60 + 92 + 120 \\ 340 &:= 2^8 + 4^0 + 7^0 + 9^2 + 11^0 = 28 + 40 + 70 + 92 + 110 \\ 340 &:= 2^8 + 4^0 + 8^0 + 9^2 + 10^0 = 28 + 40 + 80 + 92 + 100 \\ 340 &:= 2^8 + 4^0 + 9^0 + 9^0 + 9^2 = 28 + 40 + 90 + 90 + 92 \\ 340 &:= 2^8 + 5^0 + 5^0 + 9^2 + 12^0 = 28 + 50 + 50 + 92 + 120 \\ 340 &:= 2^8 + 5^0 + 6^0 + 9^2 + 11^0 = 28 + 50 + 60 + 92 + 110 \\ 340 &:= 2^8 + 5^0 + 7^0 + 9^2 + 10^0 = 28 + 50 + 70 + 92 + 100 \\ 340 &:= 2^8 + 5^0 + 8^0 + 9^0 + 9^2 = 28 + 50 + 80 + 90 + 92 \\ 340 &:= 2^8 + 6^0 + 6^0 + 9^2 + 10^0 = 28 + 60 + 60 + 92 + 100 \end{aligned}$$

$$\begin{aligned}
 340 &:= 2^8 + 6^0 + 7^0 + 9^0 + 9^2 = 28 + 60 + 70 + 90 + 92 \\
 340 &:= 2^8 + 6^0 + 8^0 + 8^0 + 9^2 = 28 + 60 + 80 + 80 + 92 \\
 340 &:= 2^8 + 7^0 + 7^0 + 8^0 + 9^2 = 28 + 70 + 70 + 80 + 92 \\
 340 &:= 3^0 + 3^4 + 3^5 + 10^0 + 14^1 = 30 + 34 + 35 + 100 + 141 \\
 340 &:= 3^1 + 4^2 + 4^3 + 4^4 + 18^0 = 31 + 42 + 43 + 44 + 180 \\
 340 &:= 3^2 + 3^5 + 6^1 + 9^2 + 12^0 = 32 + 35 + 61 + 92 + 120 \\
 340 &:= 3^2 + 4^3 + 4^4 + 10^1 + 12^0 = 32 + 43 + 44 + 101 + 120 \\
 340 &:= 3^2 + 4^4 + 5^2 + 7^2 + 14^0 = 32 + 44 + 52 + 72 + 140 \\
 340 &:= 3^3 + 3^4 + 6^0 + 6^1 + 15^2 = 33 + 34 + 60 + 61 + 152 \\
 340 &:= 3^3 + 4^4 + 7^1 + 7^2 + 12^0 = 33 + 44 + 71 + 72 + 120
 \end{aligned}$$

$$\begin{aligned}
 340 &:= 3^4 + 3^5 + 4^0 + 9^0 + 14^1 = 34 + 35 + 40 + 90 + 141 \\
 340 &:= 3^4 + 3^5 + 5^0 + 8^0 + 14^1 = 34 + 35 + 50 + 80 + 141 \\
 340 &:= 3^4 + 3^5 + 6^0 + 7^0 + 14^1 = 34 + 35 + 60 + 70 + 141 \\
 340 &:= 3^4 + 4^0 + 4^2 + 11^2 + 11^2 = 34 + 40 + 42 + 112 + 112 \\
 340 &:= 3^4 + 4^0 + 5^2 + 8^2 + 13^2 = 34 + 40 + 52 + 82 + 132 \\
 340 &:= 3^4 + 6^1 + 6^2 + 6^3 + 12^0 = 34 + 61 + 62 + 63 + 120 \\
 340 &:= 3^5 + 5^2 + 7^1 + 8^2 + 10^0 = 35 + 52 + 71 + 82 + 100 \\
 340 &:= 3^5 + 6^0 + 6^2 + 7^2 + 11^1 = 35 + 60 + 62 + 72 + 111 \\
 340 &:= 5^2 + 5^3 + 5^3 + 8^2 + 10^0 = 52 + 53 + 53 + 82 + 100
 \end{aligned}$$

2.2.242 Number 341

$$\begin{aligned}
 341 &:= 1^1 + 2^7 + 14^2 + 16^1 = 11 + 27 + 142 + 161 \\
 341 &:= 1^4 + 4^4 + 8^2 + 20^1 = 14 + 44 + 82 + 201 \\
 341 &:= 1^6 + 2^2 + 12^1 + 18^2 = 16 + 22 + 121 + 182 \\
 341 &:= 2^1 + 2^7 + 14^2 + 15^1 = 21 + 27 + 142 + 151 \\
 341 &:= 2^3 + 2^5 + 12^1 + 17^2 = 23 + 25 + 121 + 172 \\
 341 &:= 2^4 + 3^5 + 9^2 + 19^0 = 24 + 35 + 92 + 190 \\
 341 &:= 2^4 + 4^4 + 7^2 + 20^1 = 24 + 44 + 72 + 201 \\
 341 &:= 2^6 + 3^2 + 12^1 + 16^2 = 26 + 32 + 121 + 162 \\
 341 &:= 2^6 + 4^4 + 7^0 + 20^1 = 26 + 44 + 70 + 201 \\
 341 &:= 2^6 + 8^1 + 10^2 + 13^2 = 26 + 81 + 102 + 132 \\
 341 &:= 2^7 + 3^1 + 14^1 + 14^2 = 27 + 31 + 141 + 142 \\
 341 &:= 2^7 + 4^1 + 13^1 + 14^2 = 27 + 41 + 131 + 142 \\
 341 &:= 2^7 + 4^2 + 13^0 + 14^2 = 27 + 42 + 130 + 142 \\
 341 &:= 2^7 + 5^1 + 12^1 + 14^2 = 27 + 51 + 121 + 142 \\
 341 &:= 2^7 + 6^1 + 11^1 + 14^2 = 27 + 61 + 111 + 142 \\
 341 &:= 2^7 + 7^1 + 10^1 + 14^2 = 27 + 71 + 101 + 142 \\
 341 &:= 2^7 + 8^1 + 9^1 + 14^2 = 27 + 81 + 91 + 142 \\
 341 &:= 2^8 + 3^0 + 8^2 + 20^1 = 28 + 30 + 82 + 201 \\
 341 &:= 2^8 + 3^1 + 9^2 + 19^0 = 28 + 31 + 92 + 190 \\
 341 &:= 3^4 + 3^5 + 4^2 + 23^0 = 34 + 35 + 42 + 230 \\
 341 &:= 1^0 + 1^1 + 2^7 + 14^2 + 15^1 = 10 + 11 + 27 + 142 + 151 \\
 341 &:= 1^0 + 1^4 + 4^4 + 8^2 + 19^1 = 10 + 14 + 44 + 82 + 191 \\
 341 &:= 1^0 + 1^5 + 7^2 + 11^2 + 13^2 = 10 + 15 + 72 + 112 + 132 \\
 341 &:= 1^0 + 1^6 + 2^2 + 11^1 + 18^2 = 10 + 16 + 22 + 111 + 182 \\
 341 &:= 1^0 + 1^7 + 5^0 + 13^2 + 13^2 = 10 + 17 + 50 + 132 + 132
 \end{aligned}$$

$$\begin{aligned}
 341 &:= 1^0 + 1^7 + 7^0 + 7^2 + 17^2 = 10 + 17 + 70 + 72 + 172 \\
 341 &:= 1^0 + 2^1 + 2^7 + 14^1 + 14^2 = 10 + 21 + 27 + 141 + 142 \\
 341 &:= 1^0 + 2^1 + 2^8 + 9^2 + 19^0 = 10 + 21 + 28 + 92 + 190 \\
 341 &:= 1^0 + 2^3 + 2^5 + 11^1 + 17^2 = 10 + 23 + 25 + 111 + 172 \\
 341 &:= 1^0 + 2^4 + 4^4 + 7^2 + 19^1 = 10 + 24 + 44 + 72 + 191 \\
 341 &:= 1^0 + 2^5 + 8^2 + 10^2 + 12^2 = 10 + 25 + 82 + 102 + 122 \\
 341 &:= 1^0 + 2^6 + 3^2 + 11^1 + 16^2 = 10 + 26 + 32 + 111 + 162 \\
 341 &:= 1^0 + 2^6 + 4^4 + 7^0 + 19^1 = 10 + 26 + 44 + 70 + 191 \\
 341 &:= 1^0 + 2^6 + 7^1 + 10^2 + 13^2 = 10 + 26 + 71 + 102 + 132 \\
 341 &:= 1^0 + 2^7 + 3^1 + 13^1 + 14^2 = 10 + 27 + 31 + 131 + 142 \\
 341 &:= 1^0 + 2^7 + 4^1 + 12^1 + 14^2 = 10 + 27 + 41 + 121 + 142 \\
 341 &:= 1^0 + 2^7 + 5^1 + 11^1 + 14^2 = 10 + 27 + 51 + 111 + 142 \\
 341 &:= 1^0 + 2^7 + 6^1 + 10^1 + 14^2 = 10 + 27 + 61 + 101 + 142 \\
 341 &:= 1^0 + 2^7 + 7^1 + 9^1 + 14^2 = 10 + 27 + 71 + 91 + 142 \\
 341 &:= 1^0 + 2^7 + 8^1 + 8^1 + 14^2 = 10 + 27 + 81 + 81 + 142 \\
 341 &:= 1^0 + 2^8 + 3^0 + 8^2 + 19^1 = 10 + 28 + 30 + 82 + 191 \\
 341 &:= 1^1 + 1^3 + 4^4 + 8^2 + 19^1 = 11 + 13 + 44 + 82 + 191 \\
 341 &:= 1^1 + 1^4 + 7^2 + 11^2 + 13^2 = 11 + 14 + 72 + 112 + 132 \\
 341 &:= 1^1 + 1^5 + 2^2 + 11^1 + 18^2 = 11 + 15 + 22 + 111 + 182 \\
 341 &:= 1^1 + 1^6 + 5^0 + 13^2 + 13^2 = 11 + 16 + 50 + 132 + 132 \\
 341 &:= 1^1 + 1^6 + 7^0 + 7^2 + 17^2 = 11 + 16 + 70 + 72 + 172 \\
 341 &:= 1^1 + 2^4 + 6^2 + 12^2 + 12^2 = 11 + 24 + 62 + 122 + 122 \\
 341 &:= 1^1 + 2^4 + 8^2 + 8^2 + 14^2 = 11 + 24 + 82 + 82 + 142 \\
 341 &:= 1^1 + 2^5 + 3^2 + 10^1 + 17^2 = 11 + 25 + 32 + 101 + 172 \\
 341 &:= 1^1 + 3^4 + 3^5 + 11^0 + 15^1 = 11 + 34 + 35 + 110 + 151
 \end{aligned}$$

$$\begin{aligned} 341 &:= 1^1 + 3^4 + 5^2 + 6^3 + 18^1 = 11 + 34 + 52 + 63 + 181 \\ 341 &:= 1^1 + 3^4 + 5^3 + 11^2 + 13^1 = 11 + 34 + 53 + 112 + 131 \\ 341 &:= 1^1 + 3^5 + 4^2 + 8^2 + 17^1 = 11 + 35 + 42 + 82 + 171 \\ 341 &:= 1^2 + 1^2 + 4^4 + 8^2 + 19^1 = 12 + 12 + 44 + 82 + 191 \\ 341 &:= 1^2 + 1^3 + 7^2 + 11^2 + 13^2 = 12 + 13 + 72 + 112 + 132 \\ 341 &:= 1^2 + 1^4 + 2^2 + 11^1 + 18^2 = 12 + 14 + 22 + 111 + 182 \\ 341 &:= 1^2 + 1^5 + 5^0 + 13^2 + 13^2 = 12 + 15 + 50 + 132 + 132 \\ 341 &:= 1^2 + 1^5 + 7^0 + 7^2 + 17^2 = 12 + 15 + 70 + 72 + 172 \\ 341 &:= 1^2 + 2^1 + 3^4 + 4^4 + 23^0 = 12 + 21 + 34 + 44 + 230 \\ 341 &:= 1^2 + 2^3 + 5^3 + 11^1 + 14^2 = 12 + 23 + 53 + 111 + 142 \\ 341 &:= 1^2 + 2^3 + 6^2 + 10^2 + 14^2 = 12 + 23 + 62 + 102 + 142 \\ 341 &:= 1^2 + 3^3 + 5^2 + 12^2 + 12^2 = 12 + 33 + 52 + 122 + 122 \\ 341 &:= 1^2 + 3^3 + 6^2 + 9^2 + 14^2 = 12 + 33 + 62 + 92 + 142 \\ 341 &:= 1^2 + 3^4 + 5^2 + 9^1 + 15^2 = 12 + 34 + 52 + 91 + 152 \\ 341 &:= 1^3 + 1^3 + 2^2 + 11^1 + 18^2 = 13 + 13 + 22 + 111 + 182 \\ 341 &:= 1^3 + 1^4 + 5^0 + 13^2 + 13^2 = 13 + 14 + 50 + 132 + 132 \\ 341 &:= 1^3 + 1^4 + 7^0 + 7^2 + 17^2 = 13 + 14 + 70 + 72 + 172 \\ 341 &:= 1^3 + 2^1 + 4^4 + 8^2 + 18^1 = 13 + 21 + 44 + 82 + 181 \\ 341 &:= 1^3 + 2^3 + 6^2 + 7^1 + 17^2 = 13 + 23 + 62 + 71 + 172 \\ 341 &:= 1^3 + 3^1 + 4^4 + 8^2 + 17^1 = 13 + 31 + 44 + 82 + 171 \\ 341 &:= 1^3 + 3^2 + 5^2 + 9^2 + 15^2 = 13 + 32 + 52 + 92 + 152 \\ 341 &:= 1^3 + 3^2 + 5^3 + 10^1 + 14^2 = 13 + 32 + 53 + 101 + 142 \\ 341 &:= 1^3 + 3^3 + 4^2 + 8^1 + 17^2 = 13 + 33 + 42 + 81 + 172 \\ 341 &:= 1^3 + 3^5 + 5^0 + 9^2 + 15^1 = 13 + 35 + 50 + 92 + 151 \\ 341 &:= 1^3 + 4^1 + 4^4 + 8^2 + 16^1 = 13 + 41 + 44 + 82 + 161 \\ 341 &:= 1^3 + 4^3 + 4^4 + 5^0 + 19^1 = 13 + 43 + 44 + 50 + 191 \\ 341 &:= 1^3 + 4^4 + 5^1 + 8^2 + 15^1 = 13 + 44 + 51 + 82 + 151 \\ 341 &:= 1^3 + 4^4 + 6^1 + 8^2 + 14^1 = 13 + 44 + 61 + 82 + 141 \\ 341 &:= 1^3 + 4^4 + 7^1 + 8^2 + 13^1 = 13 + 44 + 71 + 82 + 131 \\ 341 &:= 1^3 + 4^4 + 8^1 + 8^2 + 12^1 = 13 + 44 + 81 + 82 + 121 \\ 341 &:= 1^3 + 4^4 + 8^2 + 10^1 + 10^1 = 13 + 44 + 82 + 101 + 101 \\ 341 &:= 1^3 + 4^4 + 8^2 + 9^1 + 11^1 = 13 + 44 + 82 + 91 + 111 \\ 341 &:= 1^3 + 5^3 + 7^1 + 8^2 + 12^2 = 13 + 53 + 71 + 82 + 122 \\ 341 &:= 1^3 + 6^3 + 7^2 + 8^2 + 11^1 = 13 + 63 + 72 + 82 + 111 \\ 341 &:= 1^4 + 2^1 + 3^4 + 11^0 + 16^2 = 14 + 21 + 34 + 110 + 162 \\ 341 &:= 1^4 + 2^1 + 4^4 + 9^2 + 17^0 = 14 + 21 + 44 + 92 + 170 \\ 341 &:= 1^4 + 2^1 + 5^2 + 12^2 + 13^2 = 14 + 21 + 52 + 122 + 132 \\ 341 &:= 1^4 + 2^1 + 7^2 + 8^2 + 15^2 = 14 + 21 + 72 + 82 + 152 \end{aligned}$$

$$\begin{aligned} 341 &:= 1^4 + 3^2 + 6^1 + 6^2 + 17^2 = 14 + 32 + 61 + 62 + 172 \\ 341 &:= 1^4 + 4^1 + 4^2 + 8^2 + 16^2 = 14 + 41 + 42 + 82 + 162 \\ 341 &:= 1^5 + 2^1 + 2^2 + 10^1 + 18^2 = 15 + 21 + 22 + 101 + 182 \\ 341 &:= 1^5 + 2^1 + 6^3 + 11^2 + 13^0 = 15 + 21 + 63 + 112 + 130 \\ 341 &:= 1^5 + 2^2 + 3^1 + 9^1 + 18^2 = 15 + 22 + 31 + 91 + 182 \\ 341 &:= 1^5 + 2^2 + 4^1 + 8^1 + 18^2 = 15 + 22 + 41 + 81 + 182 \\ 341 &:= 1^5 + 2^2 + 5^1 + 7^1 + 18^2 = 15 + 22 + 51 + 71 + 182 \\ 341 &:= 1^5 + 2^2 + 6^1 + 6^1 + 18^2 = 15 + 22 + 61 + 61 + 182 \\ 341 &:= 1^5 + 2^3 + 5^0 + 7^1 + 18^2 = 15 + 23 + 50 + 71 + 182 \\ 341 &:= 1^5 + 2^5 + 2^6 + 3^5 + 24^0 = 15 + 25 + 26 + 35 + 240 \\ 341 &:= 1^5 + 5^0 + 5^2 + 5^2 + 17^2 = 15 + 50 + 52 + 52 + 172 \\ 341 &:= 1^6 + 2^1 + 5^0 + 9^2 + 16^2 = 16 + 21 + 50 + 92 + 162 \\ 341 &:= 1^6 + 2^6 + 2^8 + 8^0 + 19^1 = 16 + 26 + 28 + 80 + 191 \\ 341 &:= 1^6 + 3^2 + 5^0 + 6^1 + 18^2 = 16 + 32 + 50 + 61 + 182 \\ 341 &:= 1^7 + 2^0 + 4^0 + 13^2 + 13^2 = 17 + 20 + 40 + 132 + 132 \\ 341 &:= 1^7 + 2^0 + 6^0 + 7^2 + 17^2 = 17 + 20 + 60 + 72 + 172 \\ 341 &:= 1^7 + 3^0 + 3^0 + 13^2 + 13^2 = 17 + 30 + 30 + 132 + 132 \\ 341 &:= 1^7 + 3^0 + 5^0 + 7^2 + 17^2 = 17 + 30 + 50 + 72 + 172 \\ 341 &:= 1^7 + 4^0 + 4^0 + 7^2 + 17^2 = 17 + 40 + 40 + 72 + 172 \\ 341 &:= 1^8 + 1^9 + 4^0 + 13^2 + 13^2 = 18 + 19 + 40 + 132 + 132 \\ 341 &:= 1^8 + 1^9 + 6^0 + 7^2 + 17^2 = 18 + 19 + 60 + 72 + 172 \\ 341 &:= 1^8 + 2^1 + 2^8 + 3^4 + 24^0 = 18 + 21 + 28 + 34 + 240 \\ 341 &:= 1^8 + 2^5 + 3^5 + 4^3 + 22^0 = 18 + 25 + 35 + 43 + 220 \\ 341 &:= 1^9 + 2^5 + 3^5 + 8^2 + 18^0 = 19 + 25 + 35 + 82 + 180 \\ 341 &:= 1^9 + 2^8 + 4^3 + 6^0 + 19^1 = 19 + 28 + 43 + 60 + 191 \\ 341 &:= 2^0 + 2^0 + 2^8 + 8^2 + 19^1 = 20 + 20 + 28 + 82 + 191 \\ 341 &:= 2^0 + 2^1 + 2^8 + 9^2 + 18^0 = 20 + 21 + 28 + 92 + 180 \\ 341 &:= 2^0 + 2^6 + 4^4 + 6^0 + 19^1 = 20 + 26 + 44 + 60 + 191 \\ 341 &:= 2^1 + 2^4 + 7^2 + 7^2 + 15^2 = 21 + 24 + 72 + 72 + 152 \\ 341 &:= 2^1 + 2^5 + 3^2 + 9^1 + 17^2 = 21 + 25 + 32 + 91 + 172 \\ 341 &:= 2^1 + 2^6 + 7^0 + 7^2 + 15^2 = 21 + 26 + 70 + 72 + 152 \\ 341 &:= 2^1 + 2^8 + 3^0 + 9^2 + 17^0 = 21 + 28 + 30 + 92 + 170 \\ 341 &:= 2^1 + 2^8 + 4^0 + 9^2 + 16^0 = 21 + 28 + 40 + 92 + 160 \\ 341 &:= 2^1 + 2^8 + 5^0 + 9^2 + 15^0 = 21 + 28 + 50 + 92 + 150 \\ 341 &:= 2^1 + 2^8 + 6^0 + 9^2 + 14^0 = 21 + 28 + 60 + 92 + 140 \\ 341 &:= 2^1 + 2^8 + 7^0 + 9^2 + 13^0 = 21 + 28 + 70 + 92 + 130 \\ 341 &:= 2^1 + 2^8 + 8^0 + 9^2 + 12^0 = 21 + 28 + 80 + 92 + 120 \\ 341 &:= 2^1 + 2^8 + 9^0 + 9^2 + 11^0 = 21 + 28 + 90 + 92 + 110 \end{aligned}$$

$$\begin{aligned} 341 &:= 2^1 + 2^8 + 9^2 + 10^0 + 10^0 = 21 + 28 + 92 + 100 + 100 \\ 341 &:= 2^1 + 3^4 + 3^5 + 11^0 + 14^1 = 21 + 34 + 35 + 110 + 141 \\ 341 &:= 2^1 + 3^4 + 5^2 + 6^3 + 17^1 = 21 + 34 + 52 + 63 + 171 \\ 341 &:= 2^1 + 3^4 + 5^3 + 11^2 + 12^1 = 21 + 34 + 53 + 112 + 121 \\ 341 &:= 2^1 + 3^5 + 4^2 + 8^2 + 16^1 = 21 + 35 + 42 + 82 + 161 \\ 341 &:= 2^2 + 2^3 + 4^2 + 12^2 + 13^2 = 22 + 23 + 42 + 122 + 132 \\ 341 &:= 2^2 + 2^3 + 4^3 + 9^1 + 16^2 = 22 + 23 + 43 + 91 + 162 \\ 341 &:= 2^2 + 2^3 + 6^3 + 10^2 + 13^1 = 22 + 23 + 63 + 102 + 131 \\ 341 &:= 2^2 + 2^4 + 4^1 + 11^2 + 14^2 = 22 + 24 + 41 + 112 + 142 \\ 341 &:= 2^2 + 2^4 + 4^3 + 9^0 + 16^2 = 22 + 24 + 43 + 90 + 162 \\ 341 &:= 2^2 + 2^4 + 5^2 + 7^1 + 17^2 = 22 + 24 + 52 + 71 + 172 \\ 341 &:= 2^2 + 3^3 + 6^2 + 7^2 + 15^2 = 22 + 33 + 62 + 72 + 152 \\ 341 &:= 2^2 + 3^3 + 6^3 + 9^2 + 13^1 = 22 + 33 + 63 + 92 + 131 \\ 341 &:= 2^2 + 3^4 + 6^1 + 9^2 + 13^2 = 22 + 34 + 61 + 92 + 132 \\ 341 &:= 2^2 + 4^2 + 4^3 + 4^4 + 19^0 = 22 + 42 + 43 + 44 + 190 \\ 341 &:= 2^2 + 4^2 + 4^4 + 7^2 + 16^1 = 22 + 42 + 44 + 72 + 161 \\ 341 &:= 2^3 + 2^3 + 5^1 + 8^2 + 16^2 = 23 + 23 + 51 + 82 + 162 \\ 341 &:= 2^3 + 3^2 + 3^3 + 8^1 + 17^2 = 23 + 32 + 33 + 81 + 172 \\ 341 &:= 2^3 + 3^5 + 8^1 + 9^2 + 11^0 = 23 + 35 + 81 + 92 + 110 \\ 341 &:= 2^3 + 4^1 + 4^3 + 11^2 + 12^2 = 23 + 41 + 43 + 112 + 122 \\ 341 &:= 2^3 + 4^2 + 5^2 + 6^2 + 16^2 = 23 + 42 + 52 + 62 + 162 \\ 341 &:= 2^3 + 4^3 + 4^4 + 11^0 + 12^1 = 23 + 43 + 44 + 110 + 121 \\ 341 &:= 2^3 + 5^2 + 6^3 + 9^2 + 11^1 = 23 + 52 + 63 + 92 + 111 \\ 341 &:= 2^3 + 5^3 + 6^1 + 9^2 + 11^2 = 23 + 53 + 61 + 92 + 112 \\ 341 &:= 2^4 + 3^1 + 3^2 + 12^2 + 13^2 = 24 + 31 + 32 + 122 + 132 \\ 341 &:= 2^4 + 3^1 + 4^2 + 9^2 + 15^2 = 24 + 31 + 42 + 92 + 152 \\ 341 &:= 2^4 + 4^1 + 4^2 + 7^2 + 16^2 = 24 + 41 + 42 + 72 + 162 \\ 341 &:= 2^4 + 4^1 + 4^4 + 8^2 + 15^0 = 24 + 41 + 44 + 82 + 150 \\ 341 &:= 2^4 + 4^3 + 5^0 + 8^2 + 14^2 = 24 + 43 + 50 + 82 + 142 \\ 341 &:= 2^5 + 3^1 + 3^2 + 8^1 + 17^2 = 25 + 31 + 32 + 81 + 172 \\ 341 &:= 2^5 + 3^2 + 4^1 + 7^1 + 17^2 = 25 + 32 + 41 + 71 + 172 \\ 341 &:= 2^5 + 3^2 + 5^1 + 6^1 + 17^2 = 25 + 32 + 51 + 61 + 172 \\ 341 &:= 2^5 + 4^2 + 5^0 + 6^2 + 16^2 = 25 + 42 + 50 + 62 + 162 \\ 341 &:= 2^5 + 5^0 + 6^3 + 9^2 + 11^1 = 25 + 50 + 63 + 92 + 111 \\ 341 &:= 2^6 + 2^7 + 2^7 + 6^0 + 20^1 = 26 + 27 + 27 + 60 + 201 \\ 341 &:= 2^6 + 3^0 + 4^4 + 5^0 + 19^1 = 26 + 30 + 44 + 50 + 191 \\ 341 &:= 2^6 + 4^0 + 4^0 + 4^4 + 19^1 = 26 + 40 + 40 + 44 + 191 \\ 341 &:= 2^6 + 4^1 + 4^2 + 7^0 + 16^2 = 26 + 41 + 42 + 70 + 162 \end{aligned}$$

$$\begin{aligned} 341 &:= 3^1 + 3^4 + 3^5 + 11^0 + 13^1 = 31 + 34 + 35 + 110 + 131 \\ 341 &:= 3^1 + 3^4 + 5^2 + 6^3 + 16^1 = 31 + 34 + 52 + 63 + 161 \\ 341 &:= 3^1 + 3^4 + 5^3 + 11^1 + 11^2 = 31 + 34 + 53 + 111 + 112 \\ 341 &:= 3^1 + 3^4 + 6^2 + 10^2 + 11^2 = 31 + 34 + 62 + 102 + 112 \\ 341 &:= 3^1 + 3^4 + 7^2 + 8^2 + 12^2 = 31 + 34 + 72 + 82 + 122 \\ 341 &:= 3^1 + 3^5 + 4^2 + 8^2 + 15^1 = 31 + 35 + 42 + 82 + 151 \\ 341 &:= 3^2 + 3^2 + 3^3 + 10^2 + 14^2 = 32 + 32 + 33 + 102 + 142 \\ 341 &:= 3^2 + 3^3 + 4^2 + 8^2 + 15^2 = 32 + 33 + 42 + 82 + 152 \\ 341 &:= 3^2 + 3^4 + 6^1 + 7^2 + 14^2 = 32 + 34 + 61 + 72 + 142 \\ 341 &:= 3^2 + 4^3 + 4^3 + 8^1 + 14^2 = 32 + 43 + 43 + 81 + 142 \\ 341 &:= 3^2 + 4^3 + 6^2 + 6^2 + 14^2 = 32 + 43 + 62 + 62 + 142 \\ 341 &:= 3^2 + 4^4 + 5^2 + 6^2 + 15^1 = 32 + 44 + 52 + 62 + 151 \\ 341 &:= 3^3 + 3^3 + 5^2 + 6^1 + 16^2 = 33 + 33 + 52 + 61 + 162 \\ 341 &:= 3^3 + 3^4 + 5^0 + 6^3 + 16^1 = 33 + 34 + 50 + 63 + 161 \\ 341 &:= 3^3 + 3^4 + 6^2 + 7^0 + 14^2 = 33 + 34 + 62 + 70 + 142 \\ 341 &:= 3^3 + 3^5 + 6^1 + 8^2 + 13^0 = 33 + 35 + 61 + 82 + 130 \\ 341 &:= 3^3 + 4^3 + 5^1 + 7^2 + 14^2 = 33 + 43 + 51 + 72 + 142 \\ 341 &:= 3^4 + 3^4 + 5^0 + 9^1 + 13^2 = 34 + 34 + 50 + 91 + 132 \\ 341 &:= 3^4 + 3^5 + 4^1 + 11^0 + 12^1 = 34 + 35 + 41 + 110 + 121 \\ 341 &:= 3^4 + 3^5 + 5^1 + 11^0 + 11^1 = 34 + 35 + 51 + 110 + 111 \\ 341 &:= 3^4 + 3^5 + 6^1 + 10^1 + 11^0 = 34 + 35 + 61 + 101 + 110 \\ 341 &:= 3^4 + 3^5 + 7^1 + 9^1 + 11^0 = 34 + 35 + 71 + 91 + 110 \\ 341 &:= 3^4 + 3^5 + 8^1 + 8^1 + 11^0 = 34 + 35 + 81 + 81 + 110 \\ 341 &:= 3^4 + 4^1 + 5^2 + 6^3 + 15^1 = 34 + 41 + 52 + 63 + 151 \\ 341 &:= 3^4 + 4^1 + 5^3 + 10^1 + 11^2 = 34 + 41 + 53 + 101 + 112 \\ 341 &:= 3^4 + 5^1 + 5^2 + 6^3 + 14^1 = 34 + 51 + 52 + 63 + 141 \\ 341 &:= 3^4 + 5^1 + 5^3 + 9^1 + 11^2 = 34 + 51 + 53 + 91 + 112 \\ 341 &:= 3^4 + 5^2 + 6^1 + 6^3 + 13^1 = 34 + 52 + 61 + 63 + 131 \\ 341 &:= 3^4 + 5^2 + 6^3 + 7^1 + 12^1 = 34 + 52 + 63 + 71 + 121 \\ 341 &:= 3^4 + 5^2 + 6^3 + 8^1 + 11^1 = 34 + 52 + 63 + 81 + 111 \\ 341 &:= 3^4 + 5^2 + 6^3 + 9^1 + 10^1 = 34 + 52 + 63 + 91 + 101 \\ 341 &:= 3^4 + 5^3 + 5^3 + 9^1 + 11^0 = 34 + 53 + 53 + 91 + 110 \\ 341 &:= 3^4 + 5^3 + 6^1 + 8^1 + 11^2 = 34 + 53 + 61 + 81 + 112 \\ 341 &:= 3^4 + 5^3 + 7^1 + 7^1 + 11^2 = 34 + 53 + 71 + 71 + 112 \\ 341 &:= 3^5 + 4^1 + 4^2 + 8^2 + 14^1 = 35 + 41 + 42 + 82 + 141 \\ 341 &:= 3^5 + 4^2 + 4^3 + 5^0 + 17^1 = 35 + 42 + 43 + 50 + 171 \\ 341 &:= 3^5 + 4^2 + 5^1 + 8^2 + 13^1 = 35 + 42 + 51 + 82 + 131 \\ 341 &:= 3^5 + 4^2 + 6^1 + 8^2 + 12^1 = 35 + 42 + 61 + 82 + 121 \end{aligned}$$

$$\begin{aligned} 341 &:= 3^5 + 4^2 + 7^1 + 8^2 + 11^1 = 35 + 42 + 71 + 82 + 111 \\ 341 &:= 3^5 + 4^2 + 8^1 + 8^2 + 10^1 = 35 + 42 + 81 + 82 + 101 \\ 341 &:= 3^5 + 4^2 + 8^2 + 9^1 + 9^1 = 35 + 42 + 82 + 91 + 91 \\ 341 &:= 3^5 + 4^3 + 5^2 + 8^1 + 13^0 = 35 + 43 + 52 + 81 + 130 \\ 341 &:= 3^5 + 5^2 + 6^2 + 6^2 + 13^0 = 35 + 52 + 62 + 62 + 130 \\ 341 &:= 4^2 + 4^2 + 4^3 + 7^2 + 14^2 = 42 + 42 + 43 + 72 + 142 \end{aligned}$$

$$\begin{aligned} 341 &:= 4^2 + 5^3 + 5^3 + 8^2 + 11^1 = 42 + 53 + 53 + 82 + 111 \\ 341 &:= 4^2 + 5^3 + 6^2 + 8^2 + 10^2 = 42 + 53 + 62 + 82 + 102 \\ 341 &:= 4^3 + 4^3 + 5^1 + 8^2 + 12^2 = 43 + 43 + 51 + 82 + 122 \\ 341 &:= 4^3 + 5^3 + 7^1 + 8^2 + 9^2 = 43 + 53 + 71 + 82 + 92 \end{aligned}$$

2.2.243 Number 342

$$\begin{aligned} 342 &:= 1^6 + 2^4 + 12^0 + 18^2 = 16 + 24 + 120 + 182 \\ 342 &:= 1^8 + 4^2 + 10^0 + 18^2 = 18 + 42 + 100 + 182 \\ 342 &:= 1^8 + 6^0 + 12^2 + 14^2 = 18 + 60 + 122 + 142 \\ 342 &:= 2^2 + 2^8 + 9^2 + 20^0 = 22 + 28 + 92 + 200 \\ 342 &:= 2^6 + 3^4 + 14^0 + 14^2 = 26 + 34 + 140 + 142 \\ 342 &:= 2^8 + 4^3 + 6^0 + 21^1 = 28 + 43 + 60 + 211 \\ 342 &:= 2^8 + 6^2 + 7^2 + 18^0 = 28 + 62 + 72 + 180 \\ 342 &:= 1^0 + 2^8 + 4^3 + 6^0 + 20^1 = 10 + 28 + 43 + 60 + 201 \\ 342 &:= 1^1 + 2^0 + 2^8 + 8^2 + 20^1 = 11 + 20 + 28 + 82 + 201 \\ 342 &:= 1^1 + 2^4 + 3^5 + 9^2 + 18^0 = 11 + 24 + 35 + 92 + 180 \\ 342 &:= 1^1 + 2^6 + 4^4 + 6^0 + 20^1 = 11 + 26 + 44 + 60 + 201 \\ 342 &:= 1^1 + 2^7 + 4^2 + 12^0 + 14^2 = 11 + 27 + 42 + 120 + 142 \\ 342 &:= 1^1 + 2^8 + 3^1 + 9^2 + 18^0 = 11 + 28 + 31 + 92 + 180 \\ 342 &:= 1^1 + 3^4 + 3^5 + 4^2 + 22^0 = 11 + 34 + 35 + 42 + 220 \\ 342 &:= 1^2 + 1^9 + 2^8 + 8^2 + 20^1 = 12 + 19 + 28 + 82 + 201 \\ 342 &:= 1^2 + 3^4 + 3^5 + 10^0 + 16^1 = 12 + 34 + 35 + 100 + 161 \\ 342 &:= 1^3 + 1^8 + 2^8 + 8^2 + 20^1 = 13 + 18 + 28 + 82 + 201 \\ 342 &:= 1^3 + 3^1 + 3^4 + 4^4 + 22^0 = 13 + 31 + 34 + 44 + 220 \\ 342 &:= 1^3 + 3^5 + 4^2 + 9^2 + 16^0 = 13 + 35 + 42 + 92 + 160 \\ 342 &:= 1^4 + 1^7 + 2^8 + 8^2 + 20^1 = 14 + 17 + 28 + 82 + 201 \\ 342 &:= 1^4 + 2^3 + 2^3 + 10^0 + 18^2 = 14 + 23 + 23 + 100 + 182 \\ 342 &:= 1^4 + 3^5 + 4^0 + 9^2 + 16^1 = 14 + 35 + 40 + 92 + 161 \\ 342 &:= 1^4 + 4^0 + 4^3 + 4^4 + 20^1 = 14 + 40 + 43 + 44 + 201 \\ 342 &:= 1^5 + 1^6 + 2^8 + 8^2 + 20^1 = 15 + 16 + 28 + 82 + 201 \\ 342 &:= 1^5 + 3^1 + 3^4 + 10^0 + 16^2 = 15 + 31 + 34 + 100 + 162 \\ 342 &:= 1^5 + 3^1 + 4^4 + 9^2 + 16^0 = 15 + 31 + 44 + 92 + 160 \\ 342 &:= 1^5 + 3^3 + 4^0 + 12^2 + 13^2 = 15 + 33 + 40 + 122 + 132 \\ 342 &:= 1^6 + 2^3 + 4^0 + 8^1 + 18^2 = 16 + 23 + 40 + 81 + 182 \\ 342 &:= 1^6 + 3^1 + 6^3 + 11^2 + 12^0 = 16 + 31 + 63 + 112 + 120 \\ 342 &:= 1^7 + 2^1 + 4^0 + 13^2 + 13^2 = 17 + 21 + 40 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 342 &:= 1^7 + 2^1 + 6^0 + 7^2 + 17^2 = 17 + 21 + 60 + 72 + 172 \\ 342 &:= 1^7 + 2^4 + 2^8 + 7^2 + 20^1 = 17 + 24 + 28 + 72 + 201 \\ 342 &:= 1^7 + 2^6 + 2^8 + 7^0 + 20^1 = 17 + 26 + 28 + 70 + 201 \\ 342 &:= 1^7 + 3^1 + 4^0 + 9^2 + 16^2 = 17 + 31 + 40 + 92 + 162 \\ 342 &:= 1^7 + 3^2 + 4^0 + 7^1 + 18^2 = 17 + 32 + 40 + 71 + 182 \\ 342 &:= 1^9 + 2^4 + 2^7 + 13^0 + 14^2 = 19 + 24 + 27 + 130 + 142 \\ 342 &:= 1^9 + 2^4 + 3^4 + 3^5 + 23^0 = 19 + 24 + 34 + 35 + 230 \\ 342 &:= 1^9 + 2^8 + 3^1 + 3^4 + 23^0 = 19 + 28 + 31 + 34 + 230 \\ 342 &:= 2^0 + 2^1 + 2^8 + 8^2 + 19^1 = 20 + 21 + 28 + 82 + 191 \\ 342 &:= 2^0 + 2^2 + 2^7 + 13^1 + 14^2 = 20 + 22 + 27 + 131 + 142 \\ 342 &:= 2^0 + 2^4 + 3^5 + 8^2 + 18^1 = 20 + 24 + 35 + 82 + 181 \\ 342 &:= 2^0 + 2^8 + 3^1 + 8^2 + 18^1 = 20 + 28 + 31 + 82 + 181 \\ 342 &:= 2^0 + 2^8 + 4^1 + 8^2 + 17^1 = 20 + 28 + 41 + 82 + 171 \\ 342 &:= 2^0 + 2^8 + 4^3 + 5^0 + 20^1 = 20 + 28 + 43 + 50 + 201 \\ 342 &:= 2^0 + 2^8 + 5^1 + 8^2 + 16^1 = 20 + 28 + 51 + 82 + 161 \\ 342 &:= 2^0 + 2^8 + 6^1 + 8^2 + 15^1 = 20 + 28 + 61 + 82 + 151 \\ 342 &:= 2^0 + 2^8 + 7^1 + 8^2 + 14^1 = 20 + 28 + 71 + 82 + 141 \\ 342 &:= 2^0 + 2^8 + 8^1 + 8^2 + 13^1 = 20 + 28 + 81 + 82 + 131 \\ 342 &:= 2^0 + 2^8 + 8^2 + 10^1 + 11^1 = 20 + 28 + 82 + 101 + 111 \\ 342 &:= 2^0 + 2^8 + 8^2 + 9^1 + 12^1 = 20 + 28 + 82 + 91 + 121 \\ 342 &:= 2^1 + 2^1 + 2^8 + 9^2 + 18^0 = 21 + 21 + 28 + 92 + 180 \\ 342 &:= 2^1 + 2^6 + 4^4 + 6^0 + 19^1 = 21 + 26 + 44 + 60 + 191 \\ 342 &:= 2^2 + 3^4 + 3^5 + 12^0 + 13^1 = 22 + 34 + 35 + 120 + 131 \\ 342 &:= 2^3 + 3^2 + 3^5 + 9^2 + 16^0 = 23 + 32 + 35 + 92 + 160 \\ 342 &:= 2^3 + 3^3 + 3^4 + 10^0 + 15^2 = 23 + 33 + 34 + 100 + 152 \\ 342 &:= 2^3 + 3^4 + 6^2 + 6^3 + 16^0 = 23 + 34 + 62 + 63 + 160 \\ 342 &:= 2^4 + 2^5 + 4^1 + 8^0 + 17^2 = 24 + 25 + 41 + 80 + 172 \\ 342 &:= 2^4 + 3^4 + 6^0 + 10^2 + 12^2 = 24 + 34 + 60 + 102 + 122 \\ 342 &:= 2^4 + 4^3 + 4^4 + 5^1 + 18^0 = 24 + 43 + 44 + 51 + 180 \\ 342 &:= 2^5 + 3^1 + 3^4 + 10^0 + 15^2 = 25 + 31 + 34 + 100 + 152 \end{aligned}$$

$$\begin{aligned}
 342 &:= 2^5 + 4^0 + 4^4 + 6^2 + 17^1 = 25 + 40 + 44 + 62 + 171 \\
 342 &:= 2^5 + 4^1 + 4^4 + 7^2 + 16^0 = 25 + 41 + 44 + 72 + 160 \\
 342 &:= 2^5 + 4^3 + 6^0 + 7^2 + 14^2 = 25 + 43 + 60 + 72 + 142 \\
 342 &:= 2^6 + 3^1 + 4^4 + 6^0 + 18^1 = 26 + 31 + 44 + 60 + 181 \\
 342 &:= 2^6 + 4^1 + 4^4 + 6^0 + 17^1 = 26 + 41 + 44 + 60 + 171 \\
 342 &:= 2^6 + 4^2 + 6^0 + 6^2 + 15^2 = 26 + 42 + 60 + 62 + 152 \\
 342 &:= 2^6 + 4^4 + 5^1 + 6^0 + 16^1 = 26 + 44 + 51 + 60 + 161 \\
 342 &:= 2^6 + 4^4 + 6^0 + 10^1 + 11^1 = 26 + 44 + 60 + 101 + 111 \\
 342 &:= 2^6 + 4^4 + 6^0 + 6^1 + 15^1 = 26 + 44 + 60 + 61 + 151 \\
 342 &:= 2^6 + 4^4 + 6^0 + 7^1 + 14^1 = 26 + 44 + 60 + 71 + 141 \\
 342 &:= 2^6 + 4^4 + 6^0 + 8^1 + 13^1 = 26 + 44 + 60 + 81 + 131 \\
 342 &:= 2^6 + 4^4 + 6^0 + 9^1 + 12^1 = 26 + 44 + 60 + 91 + 121
 \end{aligned}$$

$$\begin{aligned}
 342 &:= 2^6 + 5^3 + 6^0 + 8^1 + 12^2 = 26 + 53 + 60 + 81 + 122 \\
 342 &:= 2^6 + 6^0 + 6^3 + 7^2 + 12^1 = 26 + 60 + 63 + 72 + 121 \\
 342 &:= 2^7 + 3^2 + 6^0 + 8^1 + 14^2 = 27 + 32 + 60 + 81 + 142 \\
 342 &:= 2^7 + 4^0 + 6^2 + 8^1 + 13^2 = 27 + 40 + 62 + 81 + 132 \\
 342 &:= 2^7 + 5^1 + 6^0 + 8^2 + 12^2 = 27 + 51 + 60 + 82 + 122 \\
 342 &:= 2^8 + 3^0 + 4^0 + 4^3 + 20^1 = 28 + 30 + 40 + 43 + 201 \\
 342 &:= 3^2 + 3^4 + 3^5 + 8^1 + 16^0 = 32 + 34 + 35 + 81 + 160 \\
 342 &:= 3^2 + 3^5 + 4^3 + 5^2 + 18^0 = 32 + 35 + 43 + 52 + 180 \\
 342 &:= 3^3 + 3^4 + 4^3 + 10^0 + 13^2 = 33 + 34 + 43 + 100 + 132 \\
 342 &:= 3^3 + 3^5 + 4^3 + 7^1 + 16^0 = 33 + 35 + 43 + 71 + 160 \\
 342 &:= 3^3 + 4^3 + 5^3 + 5^3 + 16^0 = 33 + 43 + 53 + 53 + 160
 \end{aligned}$$

2.2.244 Number 343

$$\begin{aligned}
 343 &:= 1^2 + 2^8 + 8^2 + 22^1 = 12 + 28 + 82 + 221 \\
 343 &:= 1^7 + 10^2 + 11^2 + 11^2 = 17 + 102 + 112 + 112 \\
 343 &:= 1^7 + 5^3 + 6^3 + 21^0 = 17 + 53 + 63 + 210 \\
 343 &:= 2^8 + 3^4 + 5^1 + 23^0 = 28 + 34 + 51 + 230 \\
 343 &:= 1^0 + 1^2 + 2^8 + 8^2 + 21^1 = 10 + 12 + 28 + 82 + 211 \\
 343 &:= 1^0 + 1^7 + 2^4 + 11^0 + 18^2 = 10 + 17 + 24 + 110 + 182 \\
 343 &:= 1^0 + 1^7 + 8^2 + 9^2 + 14^2 = 10 + 17 + 82 + 92 + 142 \\
 343 &:= 1^0 + 1^9 + 4^2 + 9^0 + 18^2 = 10 + 19 + 42 + 90 + 182 \\
 343 &:= 1^0 + 1^9 + 5^0 + 12^2 + 14^2 = 10 + 19 + 50 + 122 + 142 \\
 343 &:= 1^0 + 2^8 + 3^4 + 4^1 + 23^0 = 10 + 28 + 34 + 41 + 230 \\
 343 &:= 1^1 + 1^1 + 2^8 + 8^2 + 21^1 = 11 + 11 + 28 + 82 + 211 \\
 343 &:= 1^1 + 1^6 + 2^4 + 11^0 + 18^2 = 11 + 16 + 24 + 110 + 182 \\
 343 &:= 1^1 + 1^6 + 8^2 + 9^2 + 14^2 = 11 + 16 + 82 + 92 + 142 \\
 343 &:= 1^1 + 1^8 + 4^2 + 9^0 + 18^2 = 11 + 18 + 42 + 90 + 182 \\
 343 &:= 1^1 + 1^8 + 5^0 + 12^2 + 14^2 = 11 + 18 + 50 + 122 + 142 \\
 343 &:= 1^1 + 2^1 + 2^8 + 8^2 + 20^1 = 11 + 21 + 28 + 82 + 201 \\
 343 &:= 1^1 + 2^2 + 2^7 + 14^1 + 14^2 = 11 + 22 + 27 + 141 + 142 \\
 343 &:= 1^1 + 2^2 + 2^8 + 9^2 + 19^0 = 11 + 22 + 28 + 92 + 190 \\
 343 &:= 1^1 + 2^4 + 3^5 + 8^2 + 19^1 = 11 + 24 + 35 + 82 + 191 \\
 343 &:= 1^1 + 2^6 + 3^4 + 13^0 + 14^2 = 11 + 26 + 34 + 130 + 142 \\
 343 &:= 1^1 + 2^8 + 3^1 + 8^2 + 19^1 = 11 + 28 + 31 + 82 + 191 \\
 343 &:= 1^1 + 2^8 + 4^1 + 8^2 + 18^1 = 11 + 28 + 41 + 82 + 181 \\
 343 &:= 1^1 + 2^8 + 4^3 + 5^0 + 21^1 = 11 + 28 + 43 + 50 + 211
 \end{aligned}$$

$$\begin{aligned}
 343 &:= 1^1 + 2^8 + 5^1 + 8^2 + 17^1 = 11 + 28 + 51 + 82 + 171 \\
 343 &:= 1^1 + 2^8 + 6^1 + 8^2 + 16^1 = 11 + 28 + 61 + 82 + 161 \\
 343 &:= 1^1 + 2^8 + 6^2 + 7^2 + 17^0 = 11 + 28 + 62 + 72 + 170 \\
 343 &:= 1^1 + 2^8 + 7^1 + 8^2 + 15^1 = 11 + 28 + 71 + 82 + 151 \\
 343 &:= 1^1 + 2^8 + 8^1 + 8^2 + 14^1 = 11 + 28 + 81 + 82 + 141 \\
 343 &:= 1^1 + 2^8 + 8^2 + 10^1 + 12^1 = 11 + 28 + 82 + 101 + 121 \\
 343 &:= 1^1 + 2^8 + 8^2 + 11^1 + 11^1 = 11 + 28 + 82 + 111 + 111 \\
 343 &:= 1^1 + 2^8 + 8^2 + 9^1 + 13^1 = 11 + 28 + 82 + 91 + 131 \\
 343 &:= 1^2 + 1^5 + 2^4 + 11^0 + 18^2 = 12 + 15 + 24 + 110 + 182 \\
 343 &:= 1^2 + 1^5 + 8^2 + 9^2 + 14^2 = 12 + 15 + 82 + 92 + 142 \\
 343 &:= 1^2 + 1^7 + 4^2 + 9^0 + 18^2 = 12 + 17 + 42 + 90 + 182 \\
 343 &:= 1^2 + 1^7 + 5^0 + 12^2 + 14^2 = 12 + 17 + 50 + 122 + 142 \\
 343 &:= 1^2 + 2^6 + 4^4 + 5^0 + 21^1 = 12 + 26 + 44 + 50 + 211 \\
 343 &:= 1^2 + 2^8 + 4^1 + 9^2 + 17^0 = 12 + 28 + 41 + 92 + 170 \\
 343 &:= 1^3 + 1^4 + 2^4 + 11^0 + 18^2 = 13 + 14 + 24 + 110 + 182 \\
 343 &:= 1^3 + 1^4 + 8^2 + 9^2 + 14^2 = 13 + 14 + 82 + 92 + 142 \\
 343 &:= 1^3 + 1^6 + 4^2 + 9^0 + 18^2 = 13 + 16 + 42 + 90 + 182 \\
 343 &:= 1^3 + 1^6 + 5^0 + 12^2 + 14^2 = 13 + 16 + 50 + 122 + 142 \\
 343 &:= 1^3 + 2^2 + 3^4 + 4^4 + 23^0 = 13 + 22 + 34 + 44 + 230 \\
 343 &:= 1^3 + 2^4 + 3^3 + 10^1 + 17^2 = 13 + 24 + 33 + 101 + 172 \\
 343 &:= 1^3 + 2^4 + 6^2 + 11^2 + 13^2 = 13 + 24 + 62 + 112 + 132 \\
 343 &:= 1^3 + 2^4 + 7^2 + 9^2 + 14^2 = 13 + 24 + 72 + 92 + 142 \\
 343 &:= 1^3 + 2^6 + 7^0 + 9^2 + 14^2 = 13 + 26 + 70 + 92 + 142
 \end{aligned}$$

$$\begin{aligned} 343 &:= 1^3 + 3^4 + 3^5 + 9^0 + 17^1 = 13 + 34 + 35 + 90 + 171 \\ 343 &:= 1^4 + 1^5 + 4^2 + 9^0 + 18^2 = 14 + 15 + 42 + 90 + 182 \\ 343 &:= 1^4 + 1^5 + 5^0 + 12^2 + 14^2 = 14 + 15 + 50 + 122 + 142 \\ 343 &:= 1^4 + 2^2 + 4^4 + 8^2 + 18^1 = 14 + 22 + 44 + 82 + 181 \\ 343 &:= 1^4 + 2^4 + 6^1 + 8^2 + 16^2 = 14 + 24 + 61 + 82 + 162 \\ 343 &:= 1^4 + 3^3 + 5^2 + 11^2 + 13^2 = 14 + 33 + 52 + 112 + 132 \\ 343 &:= 1^4 + 3^4 + 4^1 + 4^4 + 21^0 = 14 + 34 + 41 + 44 + 210 \\ 343 &:= 1^4 + 3^4 + 4^3 + 11^0 + 14^2 = 14 + 34 + 43 + 110 + 142 \\ 343 &:= 1^4 + 3^5 + 7^2 + 7^2 + 15^0 = 14 + 35 + 72 + 72 + 150 \\ 343 &:= 1^4 + 4^3 + 6^2 + 11^2 + 11^2 = 14 + 43 + 62 + 112 + 112 \\ 343 &:= 1^5 + 2^2 + 3^4 + 11^0 + 16^2 = 15 + 22 + 34 + 110 + 162 \\ 343 &:= 1^5 + 2^2 + 4^4 + 9^2 + 17^0 = 15 + 22 + 44 + 92 + 170 \\ 343 &:= 1^5 + 2^2 + 5^2 + 12^2 + 13^2 = 15 + 22 + 52 + 122 + 132 \\ 343 &:= 1^5 + 2^2 + 7^2 + 8^2 + 15^2 = 15 + 22 + 72 + 82 + 152 \\ 343 &:= 1^5 + 2^4 + 5^0 + 10^2 + 15^2 = 15 + 24 + 50 + 102 + 152 \\ 343 &:= 1^5 + 2^4 + 6^2 + 7^0 + 17^2 = 15 + 24 + 62 + 70 + 172 \\ 343 &:= 1^5 + 3^0 + 3^5 + 9^2 + 17^1 = 15 + 30 + 35 + 92 + 171 \\ 343 &:= 1^5 + 3^0 + 4^3 + 4^4 + 21^1 = 15 + 30 + 43 + 44 + 211 \\ 343 &:= 1^5 + 3^2 + 4^2 + 11^2 + 14^2 = 15 + 32 + 42 + 112 + 142 \\ 343 &:= 1^5 + 3^4 + 7^0 + 8^2 + 14^2 = 15 + 34 + 70 + 82 + 142 \\ 343 &:= 1^5 + 4^4 + 6^2 + 7^2 + 15^0 = 15 + 44 + 62 + 72 + 150 \\ 343 &:= 1^5 + 5^2 + 5^2 + 6^2 + 16^2 = 15 + 52 + 52 + 62 + 162 \\ 343 &:= 1^6 + 2^2 + 2^2 + 10^1 + 18^2 = 16 + 22 + 22 + 101 + 182 \\ 343 &:= 1^6 + 2^2 + 6^3 + 11^2 + 13^0 = 16 + 22 + 63 + 112 + 130 \\ 343 &:= 1^6 + 2^3 + 3^2 + 9^0 + 18^2 = 16 + 23 + 32 + 90 + 182 \\ 343 &:= 1^6 + 3^3 + 5^2 + 7^0 + 17^2 = 16 + 33 + 52 + 70 + 172 \\ 343 &:= 1^6 + 3^4 + 4^1 + 9^0 + 16^2 = 16 + 34 + 41 + 90 + 162 \\ 343 &:= 1^6 + 4^1 + 4^4 + 9^2 + 15^0 = 16 + 41 + 44 + 92 + 150 \\ 343 &:= 1^6 + 4^3 + 5^0 + 9^2 + 14^2 = 16 + 43 + 50 + 92 + 142 \\ 343 &:= 1^6 + 5^2 + 6^3 + 10^2 + 11^0 = 16 + 52 + 63 + 102 + 110 \\ 343 &:= 1^7 + 2^0 + 2^4 + 10^0 + 18^2 = 17 + 20 + 24 + 100 + 182 \\ 343 &:= 1^7 + 2^2 + 5^0 + 9^2 + 16^2 = 17 + 22 + 50 + 92 + 162 \\ 343 &:= 1^7 + 2^3 + 3^0 + 9^1 + 18^2 = 17 + 23 + 30 + 91 + 182 \\ 343 &:= 1^7 + 2^4 + 3^0 + 9^0 + 18^2 = 17 + 24 + 30 + 90 + 182 \\ 343 &:= 1^7 + 2^4 + 4^0 + 8^0 + 18^2 = 17 + 24 + 40 + 80 + 182 \\ 343 &:= 1^7 + 2^4 + 5^0 + 7^0 + 18^2 = 17 + 24 + 50 + 70 + 182 \\ 343 &:= 1^7 + 2^4 + 6^0 + 6^0 + 18^2 = 17 + 24 + 60 + 60 + 182 \\ 343 &:= 1^7 + 3^0 + 4^2 + 10^2 + 15^2 = 17 + 30 + 42 + 102 + 152 \end{aligned}$$

$$\begin{aligned} 343 &:= 1^7 + 3^0 + 6^2 + 7^2 + 16^2 = 17 + 30 + 62 + 72 + 162 \\ 343 &:= 1^7 + 4^1 + 6^3 + 11^0 + 11^2 = 17 + 41 + 63 + 110 + 112 \\ 343 &:= 1^7 + 4^2 + 5^0 + 6^2 + 17^2 = 17 + 42 + 50 + 62 + 172 \\ 343 &:= 1^8 + 1^9 + 2^4 + 10^0 + 18^2 = 18 + 19 + 24 + 100 + 182 \\ 343 &:= 1^8 + 2^6 + 2^8 + 6^0 + 21^1 = 18 + 26 + 28 + 60 + 211 \\ 343 &:= 1^8 + 3^0 + 3^1 + 13^2 + 13^2 = 18 + 30 + 31 + 132 + 132 \\ 343 &:= 1^8 + 3^0 + 3^2 + 8^1 + 18^2 = 18 + 30 + 32 + 81 + 182 \\ 343 &:= 1^8 + 3^0 + 4^1 + 9^2 + 16^2 = 18 + 30 + 41 + 92 + 162 \\ 343 &:= 1^8 + 3^1 + 5^0 + 7^2 + 17^2 = 18 + 31 + 50 + 72 + 172 \\ 343 &:= 1^9 + 2^0 + 4^0 + 12^2 + 14^2 = 19 + 20 + 40 + 122 + 142 \\ 343 &:= 1^9 + 2^0 + 4^2 + 8^0 + 18^2 = 19 + 20 + 42 + 80 + 182 \\ 343 &:= 1^9 + 2^2 + 2^8 + 3^4 + 24^0 = 19 + 22 + 28 + 34 + 240 \\ 343 &:= 1^9 + 3^0 + 3^0 + 12^2 + 14^2 = 19 + 30 + 30 + 122 + 142 \\ 343 &:= 1^9 + 3^0 + 4^2 + 7^0 + 18^2 = 19 + 30 + 42 + 70 + 182 \\ 343 &:= 1^9 + 4^0 + 4^2 + 6^0 + 18^2 = 19 + 40 + 42 + 60 + 182 \\ 343 &:= 1^9 + 4^2 + 5^0 + 5^0 + 18^2 = 19 + 42 + 50 + 50 + 182 \\ 343 &:= 2^0 + 2^8 + 3^4 + 4^1 + 22^0 = 20 + 28 + 34 + 41 + 220 \\ 343 &:= 2^1 + 2^1 + 2^8 + 8^2 + 19^1 = 21 + 21 + 28 + 82 + 191 \\ 343 &:= 2^1 + 2^2 + 2^7 + 13^1 + 14^2 = 21 + 22 + 27 + 131 + 142 \\ 343 &:= 2^1 + 2^4 + 3^5 + 8^2 + 18^1 = 21 + 24 + 35 + 82 + 181 \\ 343 &:= 2^1 + 2^8 + 3^1 + 8^2 + 18^1 = 21 + 28 + 31 + 82 + 181 \\ 343 &:= 2^1 + 2^8 + 4^1 + 8^2 + 17^1 = 21 + 28 + 41 + 82 + 171 \\ 343 &:= 2^1 + 2^8 + 4^3 + 5^0 + 20^1 = 21 + 28 + 43 + 50 + 201 \\ 343 &:= 2^1 + 2^8 + 5^1 + 8^2 + 16^1 = 21 + 28 + 51 + 82 + 161 \\ 343 &:= 2^1 + 2^8 + 6^1 + 8^2 + 15^1 = 21 + 28 + 61 + 82 + 151 \\ 343 &:= 2^1 + 2^8 + 7^1 + 8^2 + 14^1 = 21 + 28 + 71 + 82 + 141 \\ 343 &:= 2^1 + 2^8 + 8^1 + 8^2 + 13^1 = 21 + 28 + 81 + 82 + 131 \\ 343 &:= 2^1 + 2^8 + 8^2 + 10^1 + 11^1 = 21 + 28 + 82 + 101 + 111 \\ 343 &:= 2^1 + 2^8 + 8^2 + 9^1 + 12^1 = 21 + 28 + 82 + 91 + 121 \\ 343 &:= 2^2 + 2^3 + 2^5 + 10^1 + 17^2 = 22 + 23 + 25 + 101 + 172 \\ 343 &:= 2^2 + 2^4 + 4^4 + 7^2 + 18^1 = 22 + 24 + 44 + 72 + 181 \\ 343 &:= 2^2 + 2^5 + 3^4 + 11^0 + 15^2 = 22 + 25 + 34 + 110 + 152 \\ 343 &:= 2^2 + 2^6 + 3^2 + 10^1 + 16^2 = 22 + 26 + 32 + 101 + 162 \\ 343 &:= 2^2 + 2^6 + 4^4 + 7^0 + 18^1 = 22 + 26 + 44 + 70 + 181 \\ 343 &:= 2^2 + 2^6 + 6^1 + 10^2 + 13^2 = 22 + 26 + 61 + 102 + 132 \\ 343 &:= 2^2 + 2^7 + 3^1 + 12^1 + 14^2 = 22 + 27 + 31 + 121 + 142 \\ 343 &:= 2^2 + 2^7 + 4^1 + 11^1 + 14^2 = 22 + 27 + 41 + 111 + 142 \\ 343 &:= 2^2 + 2^7 + 5^1 + 10^1 + 14^2 = 22 + 27 + 51 + 101 + 142 \end{aligned}$$

$$\begin{aligned} 343 &:= 2^2 + 2^7 + 6^1 + 9^1 + 14^2 = 22 + 27 + 61 + 91 + 142 \\ 343 &:= 2^2 + 2^7 + 7^1 + 8^1 + 14^2 = 22 + 27 + 71 + 81 + 142 \\ 343 &:= 2^2 + 2^8 + 3^0 + 8^2 + 18^1 = 22 + 28 + 30 + 82 + 181 \\ 343 &:= 2^3 + 2^7 + 5^0 + 10^1 + 14^2 = 23 + 27 + 50 + 101 + 142 \\ 343 &:= 2^3 + 3^3 + 3^5 + 8^2 + 17^0 = 23 + 33 + 35 + 82 + 170 \\ 343 &:= 2^3 + 3^4 + 3^5 + 10^1 + 15^0 = 23 + 34 + 35 + 101 + 150 \\ 343 &:= 2^4 + 2^4 + 5^1 + 9^2 + 15^2 = 24 + 24 + 51 + 92 + 152 \\ 343 &:= 2^4 + 2^4 + 6^1 + 7^2 + 16^2 = 24 + 24 + 61 + 72 + 162 \\ 343 &:= 2^4 + 2^6 + 6^1 + 7^0 + 16^2 = 24 + 26 + 61 + 70 + 162 \\ 343 &:= 2^4 + 3^1 + 3^5 + 8^2 + 17^1 = 24 + 31 + 35 + 82 + 171 \\ 343 &:= 2^4 + 3^5 + 4^1 + 8^2 + 16^1 = 24 + 35 + 41 + 82 + 161 \\ 343 &:= 2^4 + 3^5 + 4^3 + 5^0 + 19^1 = 24 + 35 + 43 + 50 + 191 \\ 343 &:= 2^4 + 3^5 + 5^1 + 8^2 + 15^1 = 24 + 35 + 51 + 82 + 151 \\ 343 &:= 2^4 + 3^5 + 6^1 + 8^2 + 14^1 = 24 + 35 + 61 + 82 + 141 \\ 343 &:= 2^4 + 3^5 + 7^1 + 8^2 + 13^1 = 24 + 35 + 71 + 82 + 131 \\ 343 &:= 2^4 + 3^5 + 8^1 + 8^2 + 12^1 = 24 + 35 + 81 + 82 + 121 \\ 343 &:= 2^4 + 3^5 + 8^2 + 10^1 + 10^1 = 24 + 35 + 82 + 101 + 101 \\ 343 &:= 2^4 + 3^5 + 8^2 + 9^1 + 11^1 = 24 + 35 + 82 + 91 + 111 \\ 343 &:= 2^4 + 5^3 + 5^3 + 8^2 + 13^1 = 24 + 53 + 53 + 82 + 131 \\ 343 &:= 2^5 + 3^0 + 3^5 + 7^2 + 18^1 = 25 + 30 + 35 + 72 + 181 \\ 343 &:= 2^5 + 3^1 + 3^5 + 8^2 + 17^0 = 25 + 31 + 35 + 82 + 170 \\ 343 &:= 2^5 + 3^2 + 5^2 + 9^2 + 14^2 = 25 + 32 + 52 + 92 + 142 \\ 343 &:= 2^5 + 3^3 + 3^3 + 9^0 + 16^2 = 25 + 33 + 33 + 90 + 162 \\ 343 &:= 2^5 + 3^4 + 6^3 + 9^0 + 13^1 = 25 + 34 + 63 + 90 + 131 \\ 343 &:= 2^5 + 4^3 + 5^1 + 11^2 + 11^2 = 25 + 43 + 51 + 112 + 112 \\ 343 &:= 2^5 + 4^3 + 5^3 + 11^0 + 11^2 = 25 + 43 + 53 + 110 + 112 \\ 343 &:= 2^5 + 5^2 + 5^2 + 6^2 + 15^2 = 25 + 52 + 52 + 62 + 152 \\ 343 &:= 2^6 + 3^2 + 4^4 + 11^0 + 13^1 = 26 + 32 + 44 + 110 + 131 \\ 343 &:= 2^6 + 3^2 + 5^1 + 11^2 + 12^2 = 26 + 32 + 51 + 112 + 122 \\ 343 &:= 2^6 + 3^2 + 5^3 + 11^0 + 12^2 = 26 + 32 + 53 + 110 + 122 \\ 343 &:= 2^6 + 4^1 + 5^2 + 9^2 + 13^2 = 26 + 41 + 52 + 92 + 132 \\ 343 &:= 2^6 + 4^2 + 4^4 + 6^1 + 17^0 = 26 + 42 + 44 + 61 + 170 \\ 343 &:= 2^7 + 3^2 + 3^2 + 11^0 + 14^2 = 27 + 32 + 32 + 110 + 142 \\ 343 &:= 2^7 + 3^2 + 6^2 + 9^0 + 13^2 = 27 + 32 + 62 + 90 + 132 \\ 343 &:= 2^7 + 4^3 + 6^1 + 9^0 + 12^2 = 27 + 43 + 61 + 90 + 122 \\ 343 &:= 2^7 + 5^3 + 8^1 + 9^0 + 9^2 = 27 + 53 + 81 + 90 + 92 \\ 343 &:= 2^8 + 3^0 + 3^4 + 4^1 + 21^0 = 28 + 30 + 34 + 41 + 210 \\ 343 &:= 2^8 + 3^1 + 3^1 + 8^2 + 17^1 = 28 + 31 + 31 + 82 + 171 \end{aligned}$$

$$\begin{aligned} 343 &:= 2^8 + 3^1 + 4^1 + 8^2 + 16^1 = 28 + 31 + 41 + 82 + 161 \\ 343 &:= 2^8 + 3^1 + 4^3 + 5^0 + 19^1 = 28 + 31 + 43 + 50 + 191 \\ 343 &:= 2^8 + 3^1 + 5^1 + 8^2 + 15^1 = 28 + 31 + 51 + 82 + 151 \\ 343 &:= 2^8 + 3^1 + 6^1 + 8^2 + 14^1 = 28 + 31 + 61 + 82 + 141 \\ 343 &:= 2^8 + 3^1 + 7^1 + 8^2 + 13^1 = 28 + 31 + 71 + 82 + 131 \\ 343 &:= 2^8 + 3^1 + 8^1 + 8^2 + 12^1 = 28 + 31 + 81 + 82 + 121 \\ 343 &:= 2^8 + 3^1 + 8^2 + 10^1 + 10^1 = 28 + 31 + 82 + 101 + 101 \\ 343 &:= 2^8 + 3^1 + 8^2 + 9^1 + 11^1 = 28 + 31 + 82 + 91 + 111 \\ 343 &:= 2^8 + 3^2 + 7^0 + 8^2 + 13^1 = 28 + 32 + 70 + 82 + 131 \\ 343 &:= 2^8 + 3^4 + 4^0 + 4^1 + 20^0 = 28 + 34 + 40 + 41 + 200 \\ 343 &:= 2^8 + 3^4 + 4^1 + 10^0 + 14^0 = 28 + 34 + 41 + 100 + 140 \\ 343 &:= 2^8 + 3^4 + 4^1 + 11^0 + 13^0 = 28 + 34 + 41 + 110 + 130 \\ 343 &:= 2^8 + 3^4 + 4^1 + 12^0 + 12^0 = 28 + 34 + 41 + 120 + 120 \\ 343 &:= 2^8 + 3^4 + 4^1 + 5^0 + 19^0 = 28 + 34 + 41 + 50 + 190 \\ 343 &:= 2^8 + 3^4 + 4^1 + 6^0 + 18^0 = 28 + 34 + 41 + 60 + 180 \\ 343 &:= 2^8 + 3^4 + 4^1 + 7^0 + 17^0 = 28 + 34 + 41 + 70 + 170 \\ 343 &:= 2^8 + 3^4 + 4^1 + 8^0 + 16^0 = 28 + 34 + 41 + 80 + 160 \\ 343 &:= 2^8 + 3^4 + 4^1 + 9^0 + 15^0 = 28 + 34 + 41 + 90 + 150 \\ 343 &:= 2^8 + 4^1 + 4^1 + 8^2 + 15^1 = 28 + 41 + 41 + 82 + 151 \\ 343 &:= 2^8 + 4^1 + 4^3 + 5^0 + 18^1 = 28 + 41 + 43 + 50 + 181 \\ 343 &:= 2^8 + 4^1 + 5^1 + 8^2 + 14^1 = 28 + 41 + 51 + 82 + 141 \\ 343 &:= 2^8 + 4^1 + 6^1 + 8^2 + 13^1 = 28 + 41 + 61 + 82 + 131 \\ 343 &:= 2^8 + 4^1 + 7^1 + 8^2 + 12^1 = 28 + 41 + 71 + 82 + 121 \\ 343 &:= 2^8 + 4^1 + 8^1 + 8^2 + 11^1 = 28 + 41 + 81 + 82 + 111 \\ 343 &:= 2^8 + 4^1 + 8^2 + 9^1 + 10^1 = 28 + 41 + 82 + 91 + 101 \\ 343 &:= 2^8 + 4^2 + 6^1 + 8^2 + 13^0 = 28 + 42 + 61 + 82 + 130 \\ 343 &:= 2^8 + 4^3 + 5^0 + 10^1 + 12^1 = 28 + 43 + 50 + 101 + 121 \\ 343 &:= 2^8 + 4^3 + 5^0 + 11^1 + 11^1 = 28 + 43 + 50 + 111 + 111 \\ 343 &:= 2^8 + 4^3 + 5^0 + 5^1 + 17^1 = 28 + 43 + 50 + 51 + 171 \\ 343 &:= 2^8 + 4^3 + 5^0 + 6^1 + 16^1 = 28 + 43 + 50 + 61 + 161 \\ 343 &:= 2^8 + 4^3 + 5^0 + 7^1 + 15^1 = 28 + 43 + 50 + 71 + 151 \\ 343 &:= 2^8 + 4^3 + 5^0 + 8^1 + 14^1 = 28 + 43 + 50 + 81 + 141 \\ 343 &:= 2^8 + 4^3 + 5^0 + 9^1 + 13^1 = 28 + 43 + 50 + 91 + 131 \\ 343 &:= 2^8 + 5^0 + 6^2 + 6^2 + 14^1 = 28 + 50 + 62 + 62 + 141 \\ 343 &:= 2^8 + 5^1 + 5^1 + 8^2 + 13^1 = 28 + 51 + 51 + 82 + 131 \\ 343 &:= 2^8 + 5^1 + 6^1 + 8^2 + 12^1 = 28 + 51 + 61 + 82 + 121 \\ 343 &:= 2^8 + 5^1 + 7^1 + 8^2 + 11^1 = 28 + 51 + 71 + 82 + 111 \\ 343 &:= 2^8 + 5^1 + 8^1 + 8^2 + 10^1 = 28 + 51 + 81 + 82 + 101 \end{aligned}$$

$$\begin{aligned}
 343 &:= 2^8 + 5^1 + 8^2 + 9^1 + 9^1 = 28 + 51 + 82 + 91 + 91 \\
 343 &:= 2^8 + 5^2 + 7^0 + 7^2 + 12^1 = 28 + 52 + 70 + 72 + 121 \\
 343 &:= 2^8 + 6^1 + 6^1 + 8^2 + 11^1 = 28 + 61 + 61 + 82 + 111 \\
 343 &:= 2^8 + 6^1 + 7^1 + 8^2 + 10^1 = 28 + 61 + 71 + 82 + 101 \\
 343 &:= 2^8 + 6^1 + 8^1 + 8^2 + 9^1 = 28 + 61 + 81 + 82 + 91
 \end{aligned}$$

$$\begin{aligned}
 343 &:= 2^8 + 7^1 + 7^1 + 8^2 + 9^1 = 28 + 71 + 71 + 82 + 91 \\
 343 &:= 2^8 + 7^1 + 8^1 + 8^1 + 8^2 = 28 + 71 + 81 + 81 + 82 \\
 343 &:= 3^2 + 3^2 + 3^4 + 3^5 + 21^0 = 32 + 32 + 34 + 35 + 210
 \end{aligned}$$

2.2.245 Number 344

$$\begin{aligned}
 344 &:= 1^0 + 1^8 + 5^3 + 6^3 + 20^0 = 10 + 18 + 53 + 63 + 200 \\
 344 &:= 1^1 + 1^7 + 5^3 + 6^3 + 20^0 = 11 + 17 + 53 + 63 + 200 \\
 344 &:= 1^1 + 2^8 + 3^4 + 5^1 + 22^0 = 11 + 28 + 34 + 51 + 220 \\
 344 &:= 1^2 + 1^6 + 5^3 + 6^3 + 20^0 = 12 + 16 + 53 + 63 + 200 \\
 344 &:= 1^2 + 2^8 + 4^0 + 4^3 + 22^1 = 12 + 28 + 40 + 43 + 221 \\
 344 &:= 1^3 + 1^5 + 5^3 + 6^3 + 20^0 = 13 + 15 + 53 + 63 + 200 \\
 344 &:= 1^3 + 2^6 + 4^0 + 4^4 + 22^1 = 13 + 26 + 40 + 44 + 221 \\
 344 &:= 1^3 + 2^8 + 5^1 + 9^2 + 16^0 = 13 + 28 + 51 + 92 + 160 \\
 344 &:= 1^4 + 1^4 + 5^3 + 6^3 + 20^0 = 14 + 14 + 53 + 63 + 200 \\
 344 &:= 1^4 + 3^4 + 3^5 + 8^0 + 18^1 = 14 + 34 + 35 + 80 + 181 \\
 344 &:= 1^5 + 3^4 + 4^4 + 5^1 + 20^0 = 15 + 34 + 44 + 51 + 200 \\
 344 &:= 1^6 + 2^0 + 3^5 + 9^2 + 18^1 = 16 + 20 + 35 + 92 + 181 \\
 344 &:= 1^6 + 2^0 + 4^3 + 4^4 + 22^1 = 16 + 20 + 43 + 44 + 221 \\
 344 &:= 1^6 + 2^7 + 2^7 + 4^3 + 23^1 = 16 + 27 + 27 + 43 + 231 \\
 344 &:= 1^6 + 3^4 + 6^2 + 8^0 + 15^2 = 16 + 34 + 62 + 80 + 152 \\
 344 &:= 1^7 + 1^9 + 3^5 + 9^2 + 18^1 = 17 + 19 + 35 + 92 + 181 \\
 344 &:= 1^7 + 1^9 + 4^3 + 4^4 + 22^1 = 17 + 19 + 43 + 44 + 221 \\
 344 &:= 1^7 + 2^1 + 2^4 + 10^0 + 18^2 = 17 + 21 + 24 + 100 + 182 \\
 344 &:= 1^7 + 3^4 + 5^1 + 8^0 + 16^2 = 17 + 34 + 51 + 80 + 162 \\
 344 &:= 1^7 + 4^4 + 5^1 + 9^2 + 14^0 = 17 + 44 + 51 + 92 + 140 \\
 344 &:= 1^8 + 1^8 + 3^5 + 9^2 + 18^1 = 18 + 18 + 35 + 92 + 181 \\
 344 &:= 1^8 + 1^8 + 4^3 + 4^4 + 22^1 = 18 + 18 + 43 + 44 + 221 \\
 344 &:= 1^8 + 2^0 + 2^3 + 10^1 + 18^2 = 18 + 20 + 23 + 101 + 182 \\
 344 &:= 1^8 + 2^0 + 5^2 + 11^2 + 14^2 = 18 + 20 + 52 + 112 + 142 \\
 344 &:= 1^8 + 2^0 + 5^3 + 6^3 + 19^0 = 18 + 20 + 53 + 63 + 190 \\
 344 &:= 1^8 + 2^0 + 6^2 + 9^2 + 15^2 = 18 + 20 + 62 + 92 + 152 \\
 344 &:= 1^8 + 2^2 + 4^0 + 13^2 + 13^2 = 18 + 22 + 40 + 132 + 132 \\
 344 &:= 1^8 + 2^2 + 6^0 + 7^2 + 17^2 = 18 + 22 + 60 + 72 + 172 \\
 344 &:= 1^8 + 3^0 + 5^3 + 6^3 + 18^0 = 18 + 30 + 53 + 63 + 180 \\
 344 &:= 1^8 + 3^2 + 3^2 + 8^0 + 18^2 = 18 + 32 + 32 + 80 + 182 \\
 344 &:= 1^8 + 4^0 + 5^3 + 6^3 + 17^0 = 18 + 40 + 53 + 63 + 170
 \end{aligned}$$

$$\begin{aligned}
 344 &:= 1^8 + 5^0 + 5^3 + 6^3 + 16^0 = 18 + 50 + 53 + 63 + 160 \\
 344 &:= 1^8 + 5^1 + 6^3 + 10^0 + 11^2 = 18 + 51 + 63 + 100 + 112 \\
 344 &:= 1^8 + 5^3 + 6^0 + 6^3 + 15^0 = 18 + 53 + 60 + 63 + 150 \\
 344 &:= 1^8 + 5^3 + 6^3 + 10^0 + 11^0 = 18 + 53 + 63 + 100 + 110 \\
 344 &:= 1^8 + 5^3 + 6^3 + 7^0 + 14^0 = 18 + 53 + 63 + 70 + 140 \\
 344 &:= 1^8 + 5^3 + 6^3 + 8^0 + 13^0 = 18 + 53 + 63 + 80 + 130 \\
 344 &:= 1^8 + 5^3 + 6^3 + 9^0 + 12^0 = 18 + 53 + 63 + 90 + 120 \\
 344 &:= 1^9 + 1^9 + 2^3 + 10^1 + 18^2 = 19 + 19 + 23 + 101 + 182 \\
 344 &:= 1^9 + 1^9 + 5^2 + 11^2 + 14^2 = 19 + 19 + 52 + 112 + 142 \\
 344 &:= 1^9 + 1^9 + 5^3 + 6^3 + 19^0 = 19 + 19 + 53 + 63 + 190 \\
 344 &:= 1^9 + 1^9 + 6^2 + 9^2 + 15^2 = 19 + 19 + 62 + 92 + 152 \\
 344 &:= 1^9 + 2^0 + 3^2 + 9^1 + 18^2 = 19 + 20 + 32 + 91 + 182 \\
 344 &:= 1^9 + 2^0 + 4^1 + 13^2 + 13^2 = 19 + 20 + 41 + 132 + 132 \\
 344 &:= 1^9 + 2^0 + 5^1 + 9^2 + 16^2 = 19 + 20 + 51 + 92 + 162 \\
 344 &:= 1^9 + 2^1 + 4^0 + 12^2 + 14^2 = 19 + 21 + 40 + 122 + 142 \\
 344 &:= 1^9 + 2^1 + 4^2 + 8^0 + 18^2 = 19 + 21 + 42 + 80 + 182 \\
 344 &:= 1^9 + 2^5 + 2^5 + 4^4 + 23^1 = 19 + 25 + 25 + 44 + 231 \\
 344 &:= 1^9 + 2^5 + 2^7 + 13^2 + 14^1 = 19 + 25 + 27 + 132 + 141 \\
 344 &:= 1^9 + 2^6 + 2^8 + 5^0 + 22^1 = 19 + 26 + 28 + 50 + 221 \\
 344 &:= 1^9 + 4^0 + 4^1 + 7^2 + 17^2 = 19 + 40 + 41 + 72 + 172 \\
 344 &:= 2^1 + 2^8 + 3^4 + 4^1 + 22^0 = 21 + 28 + 34 + 41 + 220 \\
 344 &:= 2^2 + 2^5 + 3^5 + 8^2 + 18^0 = 22 + 25 + 35 + 82 + 180 \\
 344 &:= 2^2 + 2^8 + 4^3 + 6^0 + 19^1 = 22 + 28 + 43 + 60 + 191 \\
 344 &:= 2^3 + 2^6 + 4^4 + 10^0 + 15^1 = 23 + 26 + 44 + 100 + 151 \\
 344 &:= 2^3 + 2^8 + 6^0 + 8^2 + 15^1 = 23 + 28 + 60 + 82 + 151 \\
 344 &:= 2^4 + 2^7 + 3^1 + 12^0 + 14^2 = 24 + 27 + 31 + 120 + 142 \\
 344 &:= 2^4 + 3^1 + 3^4 + 3^5 + 22^0 = 24 + 31 + 34 + 35 + 220 \\
 344 &:= 2^5 + 3^5 + 4^1 + 4^3 + 20^0 = 25 + 35 + 41 + 43 + 200 \\
 344 &:= 2^6 + 3^3 + 3^3 + 10^0 + 15^2 = 26 + 33 + 33 + 100 + 152 \\
 344 &:= 2^6 + 3^3 + 6^2 + 6^3 + 16^0 = 26 + 33 + 62 + 63 + 160 \\
 344 &:= 2^6 + 3^5 + 4^0 + 4^2 + 20^1 = 26 + 35 + 40 + 42 + 201
 \end{aligned}$$

$$344 := 2^6 + 3^5 + 5^2 + 11^1 + 12^0 = 26 + 35 + 52 + 111 + 120$$

$$344 := 2^7 + 3^2 + 5^3 + 9^2 + 14^0 = 27 + 32 + 53 + 92 + 140$$

$$344 := 2^7 + 3^4 + 4^0 + 11^2 + 13^1 = 27 + 34 + 40 + 112 + 131$$

$$344 := 2^8 + 3^1 + 3^1 + 3^4 + 22^0 = 28 + 31 + 31 + 34 + 220$$

$$344 := 2^8 + 3^2 + 4^3 + 10^0 + 14^1 = 28 + 32 + 43 + 100 + 141$$

$$344 := 2^8 + 3^3 + 7^2 + 10^0 + 11^1 = 28 + 33 + 72 + 100 + 111$$

$$344 := 2^8 + 4^2 + 4^3 + 7^1 + 16^0 = 28 + 42 + 43 + 71 + 160$$

$$344 := 3^4 + 3^4 + 3^4 + 10^2 + 14^0 = 34 + 34 + 34 + 102 + 140$$

2.2.246 Number 345

$$345 := 1^2 + 7^3 + 26^0 = 12 + 73 + 260$$

$$345 := 1^7 + 3^5 + 9^2 + 20^1 = 17 + 35 + 92 + 201$$

$$345 := 1^7 + 4^3 + 4^4 + 24^1 = 17 + 43 + 44 + 241$$

$$345 := 1^8 + 3^5 + 10^2 + 19^0 = 18 + 35 + 102 + 190$$

$$345 := 1^9 + 10^2 + 10^2 + 12^2 = 19 + 102 + 102 + 122$$

$$345 := 1^9 + 2^3 + 12^1 + 18^2 = 19 + 23 + 121 + 182$$

$$345 := 2^0 + 3^2 + 11^1 + 18^2 = 20 + 32 + 111 + 182$$

$$345 := 2^0 + 6^1 + 13^2 + 13^2 = 20 + 61 + 132 + 132$$

$$345 := 2^0 + 7^1 + 9^2 + 16^2 = 20 + 71 + 92 + 162$$

$$345 := 2^5 + 2^5 + 4^4 + 25^1 = 25 + 25 + 44 + 251$$

$$345 := 2^5 + 2^7 + 13^2 + 16^1 = 25 + 27 + 132 + 161$$

$$345 := 2^6 + 2^6 + 6^3 + 23^0 = 26 + 26 + 63 + 230$$

$$345 := 2^6 + 2^8 + 5^0 + 24^1 = 26 + 28 + 50 + 241$$

$$345 := 4^0 + 4^1 + 12^2 + 14^2 = 40 + 41 + 122 + 142$$

$$345 := 4^0 + 6^1 + 7^2 + 17^2 = 40 + 61 + 72 + 172$$

$$345 := 4^1 + 4^2 + 8^0 + 18^2 = 41 + 42 + 80 + 182$$

$$345 := 1^0 + 1^7 + 3^5 + 9^2 + 19^1 = 10 + 17 + 35 + 92 + 191$$

$$345 := 1^0 + 1^7 + 4^3 + 4^4 + 23^1 = 10 + 17 + 43 + 44 + 231$$

$$345 := 1^0 + 1^9 + 2^3 + 11^1 + 18^2 = 10 + 19 + 23 + 111 + 182$$

$$345 := 1^0 + 2^0 + 3^2 + 10^1 + 18^2 = 10 + 20 + 32 + 101 + 182$$

$$345 := 1^0 + 2^0 + 5^1 + 13^2 + 13^2 = 10 + 20 + 51 + 132 + 132$$

$$345 := 1^0 + 2^0 + 6^1 + 9^2 + 16^2 = 10 + 20 + 61 + 92 + 162$$

$$345 := 1^0 + 2^5 + 2^5 + 4^4 + 24^1 = 10 + 25 + 25 + 44 + 241$$

$$345 := 1^0 + 2^5 + 2^7 + 13^2 + 15^1 = 10 + 25 + 27 + 132 + 151$$

$$345 := 1^0 + 2^6 + 2^8 + 5^0 + 23^1 = 10 + 26 + 28 + 50 + 231$$

$$345 := 1^0 + 3^1 + 4^0 + 12^2 + 14^2 = 10 + 31 + 40 + 122 + 142$$

$$345 := 1^0 + 3^1 + 4^2 + 8^0 + 18^2 = 10 + 31 + 42 + 80 + 182$$

$$345 := 1^0 + 4^0 + 5^1 + 7^2 + 17^2 = 10 + 40 + 51 + 72 + 172$$

$$345 := 1^1 + 1^6 + 3^5 + 9^2 + 19^1 = 11 + 16 + 35 + 92 + 191$$

$$345 := 1^1 + 1^6 + 4^3 + 4^4 + 23^1 = 11 + 16 + 43 + 44 + 231$$

$$345 := 1^1 + 1^8 + 2^3 + 11^1 + 18^2 = 11 + 18 + 23 + 111 + 182$$

$$345 := 1^1 + 1^9 + 3^2 + 10^1 + 18^2 = 11 + 19 + 32 + 101 + 182$$

$$345 := 1^1 + 1^9 + 5^1 + 13^2 + 13^2 = 11 + 19 + 51 + 132 + 132$$

$$345 := 1^1 + 1^9 + 6^1 + 9^2 + 16^2 = 11 + 19 + 61 + 92 + 162$$

$$345 := 1^2 + 1^5 + 3^5 + 9^2 + 19^1 = 12 + 15 + 35 + 92 + 191$$

$$345 := 1^2 + 1^5 + 4^3 + 4^4 + 23^1 = 12 + 15 + 43 + 44 + 231$$

$$345 := 1^2 + 1^7 + 2^3 + 11^1 + 18^2 = 12 + 17 + 23 + 111 + 182$$

$$345 := 1^2 + 1^8 + 3^2 + 10^1 + 18^2 = 12 + 18 + 32 + 101 + 182$$

$$345 := 1^2 + 1^8 + 5^1 + 13^2 + 13^2 = 12 + 18 + 51 + 132 + 132$$

$$345 := 1^2 + 1^8 + 6^1 + 9^2 + 16^2 = 12 + 18 + 61 + 92 + 162$$

$$345 := 1^2 + 2^2 + 2^8 + 8^2 + 20^1 = 12 + 22 + 28 + 82 + 201$$

$$345 := 1^2 + 2^5 + 3^5 + 7^2 + 20^1 = 12 + 25 + 35 + 72 + 201$$

$$345 := 1^2 + 2^6 + 3^5 + 6^2 + 21^0 = 12 + 26 + 35 + 62 + 210$$

$$345 := 1^2 + 2^8 + 3^4 + 6^1 + 21^0 = 12 + 28 + 34 + 61 + 210$$

$$345 := 1^3 + 1^4 + 3^5 + 9^2 + 19^1 = 13 + 14 + 35 + 92 + 191$$

$$345 := 1^3 + 1^4 + 4^3 + 4^4 + 23^1 = 13 + 14 + 43 + 44 + 231$$

$$345 := 1^3 + 1^6 + 2^3 + 11^1 + 18^2 = 13 + 16 + 23 + 111 + 182$$

$$345 := 1^3 + 1^7 + 3^2 + 10^1 + 18^2 = 13 + 17 + 32 + 101 + 182$$

$$345 := 1^3 + 1^7 + 5^1 + 13^2 + 13^2 = 13 + 17 + 51 + 132 + 132$$

$$345 := 1^3 + 1^7 + 6^1 + 9^2 + 16^2 = 13 + 17 + 61 + 92 + 162$$

$$345 := 1^3 + 2^5 + 4^4 + 6^2 + 20^1 = 13 + 25 + 44 + 62 + 201$$

$$345 := 1^3 + 2^7 + 6^2 + 11^1 + 13^2 = 13 + 27 + 62 + 111 + 132$$

$$345 := 1^3 + 2^8 + 3^0 + 4^3 + 23^1 = 13 + 28 + 30 + 43 + 231$$

$$345 := 1^4 + 1^5 + 2^3 + 11^1 + 18^2 = 14 + 15 + 23 + 111 + 182$$

$$345 := 1^4 + 1^6 + 3^2 + 10^1 + 18^2 = 14 + 16 + 32 + 101 + 182$$

$$345 := 1^4 + 1^6 + 5^1 + 13^2 + 13^2 = 14 + 16 + 51 + 132 + 132$$

$$345 := 1^4 + 1^6 + 6^1 + 9^2 + 16^2 = 14 + 16 + 61 + 92 + 162$$

$$345 := 1^4 + 2^5 + 6^3 + 9^2 + 15^1 = 14 + 25 + 63 + 92 + 151$$

$$345 := 1^4 + 2^6 + 3^0 + 4^4 + 23^1 = 14 + 26 + 30 + 44 + 231$$

$$345 := 1^4 + 2^8 + 6^1 + 9^2 + 15^0 = 14 + 28 + 61 + 92 + 150$$

$$345 := 1^4 + 3^3 + 3^4 + 6^3 + 20^1 = 14 + 33 + 34 + 63 + 201$$

$$345 := 1^4 + 3^4 + 3^4 + 13^1 + 13^2 = 14 + 34 + 34 + 131 + 132$$

$$\begin{aligned} 345 &:= 1^4 + 3^5 + 4^2 + 4^3 + 21^1 = 14 + 35 + 42 + 43 + 211 \\ 345 &:= 1^5 + 1^5 + 3^2 + 10^1 + 18^2 = 15 + 15 + 32 + 101 + 182 \\ 345 &:= 1^5 + 1^5 + 5^1 + 13^2 + 13^2 = 15 + 15 + 51 + 132 + 132 \\ 345 &:= 1^5 + 1^5 + 6^1 + 9^2 + 16^2 = 15 + 15 + 61 + 92 + 162 \\ 345 &:= 1^5 + 2^5 + 6^1 + 9^2 + 15^2 = 15 + 25 + 61 + 92 + 152 \\ 345 &:= 1^5 + 2^5 + 7^1 + 7^2 + 16^2 = 15 + 25 + 71 + 72 + 162 \\ 345 &:= 1^5 + 3^3 + 3^4 + 11^1 + 15^2 = 15 + 33 + 34 + 111 + 152 \\ 345 &:= 1^5 + 3^4 + 3^5 + 7^0 + 19^1 = 15 + 34 + 35 + 70 + 191 \\ 345 &:= 1^5 + 3^5 + 4^3 + 6^2 + 19^0 = 15 + 35 + 43 + 62 + 190 \\ 345 &:= 1^5 + 3^5 + 6^2 + 7^2 + 16^1 = 15 + 35 + 62 + 72 + 161 \\ 345 &:= 1^6 + 2^1 + 3^5 + 9^2 + 18^1 = 16 + 21 + 35 + 92 + 181 \\ 345 &:= 1^6 + 2^1 + 4^3 + 4^4 + 22^1 = 16 + 21 + 43 + 44 + 221 \\ 345 &:= 1^6 + 3^1 + 3^5 + 9^2 + 17^1 = 16 + 31 + 35 + 92 + 171 \\ 345 &:= 1^6 + 3^1 + 4^3 + 4^4 + 21^1 = 16 + 31 + 43 + 44 + 211 \\ 345 &:= 1^6 + 3^4 + 4^4 + 6^1 + 19^0 = 16 + 34 + 44 + 61 + 190 \\ 345 &:= 1^6 + 3^5 + 4^1 + 9^2 + 16^1 = 16 + 35 + 41 + 92 + 161 \\ 345 &:= 1^6 + 3^5 + 5^1 + 9^2 + 15^1 = 16 + 35 + 51 + 92 + 151 \\ 345 &:= 1^6 + 3^5 + 6^1 + 9^2 + 14^1 = 16 + 35 + 61 + 92 + 141 \\ 345 &:= 1^6 + 3^5 + 6^2 + 8^2 + 15^0 = 16 + 35 + 62 + 82 + 150 \\ 345 &:= 1^6 + 3^5 + 7^1 + 9^2 + 13^1 = 16 + 35 + 71 + 92 + 131 \\ 345 &:= 1^6 + 3^5 + 8^1 + 9^2 + 12^1 = 16 + 35 + 81 + 92 + 121 \\ 345 &:= 1^6 + 3^5 + 9^1 + 9^2 + 11^1 = 16 + 35 + 91 + 92 + 111 \\ 345 &:= 1^6 + 3^5 + 9^2 + 10^1 + 10^1 = 16 + 35 + 92 + 101 + 101 \\ 345 &:= 1^6 + 4^1 + 4^3 + 4^4 + 20^1 = 16 + 41 + 43 + 44 + 201 \\ 345 &:= 1^6 + 4^3 + 4^4 + 10^1 + 14^1 = 16 + 43 + 44 + 101 + 141 \\ 345 &:= 1^6 + 4^3 + 4^4 + 11^1 + 13^1 = 16 + 43 + 44 + 111 + 131 \\ 345 &:= 1^6 + 4^3 + 4^4 + 12^1 + 12^1 = 16 + 43 + 44 + 121 + 121 \\ 345 &:= 1^6 + 4^3 + 4^4 + 5^1 + 19^1 = 16 + 43 + 44 + 51 + 191 \\ 345 &:= 1^6 + 4^3 + 4^4 + 6^1 + 18^1 = 16 + 43 + 44 + 61 + 181 \\ 345 &:= 1^6 + 4^3 + 4^4 + 7^1 + 17^1 = 16 + 43 + 44 + 71 + 171 \\ 345 &:= 1^6 + 4^3 + 4^4 + 8^1 + 16^1 = 16 + 43 + 44 + 81 + 161 \\ 345 &:= 1^6 + 4^3 + 4^4 + 9^1 + 15^1 = 16 + 43 + 44 + 91 + 151 \\ 345 &:= 1^6 + 4^3 + 5^3 + 11^1 + 12^2 = 16 + 43 + 53 + 111 + 122 \\ 345 &:= 1^6 + 4^3 + 6^2 + 10^2 + 12^2 = 16 + 43 + 62 + 102 + 122 \\ 345 &:= 1^6 + 4^3 + 6^3 + 7^2 + 15^1 = 16 + 43 + 63 + 72 + 151 \\ 345 &:= 1^6 + 4^4 + 6^2 + 6^2 + 16^1 = 16 + 44 + 62 + 62 + 161 \\ 345 &:= 1^6 + 5^3 + 5^3 + 9^2 + 13^1 = 16 + 53 + 53 + 92 + 131 \\ 345 &:= 1^7 + 3^3 + 3^3 + 9^0 + 17^2 = 17 + 33 + 33 + 90 + 172 \end{aligned}$$

$$\begin{aligned} 345 &:= 1^7 + 3^3 + 4^1 + 12^2 + 13^2 = 17 + 33 + 41 + 122 + 132 \\ 345 &:= 1^7 + 3^3 + 6^3 + 10^2 + 13^0 = 17 + 33 + 63 + 102 + 130 \\ 345 &:= 1^7 + 4^2 + 4^3 + 8^1 + 16^2 = 17 + 42 + 43 + 81 + 162 \\ 345 &:= 1^7 + 4^2 + 6^2 + 6^2 + 16^2 = 17 + 42 + 62 + 62 + 162 \\ 345 &:= 1^7 + 4^2 + 6^3 + 10^2 + 12^1 = 17 + 42 + 63 + 102 + 121 \\ 345 &:= 1^7 + 4^3 + 6^1 + 7^2 + 15^2 = 17 + 43 + 61 + 72 + 152 \\ 345 &:= 1^7 + 6^2 + 6^3 + 9^2 + 11^1 = 17 + 62 + 63 + 92 + 111 \\ 345 &:= 1^8 + 2^1 + 2^3 + 10^1 + 18^2 = 18 + 21 + 23 + 101 + 182 \\ 345 &:= 1^8 + 2^1 + 5^2 + 11^2 + 14^2 = 18 + 21 + 52 + 112 + 142 \\ 345 &:= 1^8 + 2^1 + 5^3 + 6^3 + 19^0 = 18 + 21 + 53 + 63 + 190 \\ 345 &:= 1^8 + 2^1 + 6^2 + 9^2 + 15^2 = 18 + 21 + 62 + 92 + 152 \\ 345 &:= 1^8 + 2^3 + 3^1 + 9^1 + 18^2 = 18 + 23 + 31 + 91 + 182 \\ 345 &:= 1^8 + 2^3 + 4^1 + 8^1 + 18^2 = 18 + 23 + 41 + 81 + 182 \\ 345 &:= 1^8 + 2^3 + 5^1 + 7^1 + 18^2 = 18 + 23 + 51 + 71 + 182 \\ 345 &:= 1^8 + 2^3 + 6^1 + 6^1 + 18^2 = 18 + 23 + 61 + 61 + 182 \\ 345 &:= 1^8 + 2^4 + 3^1 + 9^0 + 18^2 = 18 + 24 + 31 + 90 + 182 \\ 345 &:= 1^8 + 3^1 + 4^2 + 10^2 + 15^2 = 18 + 31 + 42 + 102 + 152 \\ 345 &:= 1^8 + 3^1 + 6^2 + 7^2 + 16^2 = 18 + 31 + 62 + 72 + 162 \\ 345 &:= 1^8 + 3^4 + 6^1 + 7^0 + 16^2 = 18 + 34 + 61 + 70 + 162 \\ 345 &:= 1^8 + 4^4 + 6^1 + 9^2 + 13^0 = 18 + 44 + 61 + 92 + 130 \\ 345 &:= 1^8 + 5^1 + 5^2 + 5^2 + 17^2 = 18 + 51 + 52 + 52 + 172 \\ 345 &:= 1^8 + 5^3 + 7^0 + 7^2 + 13^2 = 18 + 53 + 70 + 72 + 132 \\ 345 &:= 1^9 + 2^1 + 3^2 + 9^1 + 18^2 = 19 + 21 + 32 + 91 + 182 \\ 345 &:= 1^9 + 2^1 + 4^1 + 13^2 + 13^2 = 19 + 21 + 41 + 132 + 132 \\ 345 &:= 1^9 + 2^1 + 5^1 + 9^2 + 16^2 = 19 + 21 + 51 + 92 + 162 \\ 345 &:= 1^9 + 3^1 + 3^1 + 13^2 + 13^2 = 19 + 31 + 31 + 132 + 132 \\ 345 &:= 1^9 + 3^1 + 3^2 + 8^1 + 18^2 = 19 + 31 + 32 + 81 + 182 \\ 345 &:= 1^9 + 3^1 + 4^1 + 9^2 + 16^2 = 19 + 31 + 41 + 92 + 162 \\ 345 &:= 1^9 + 3^2 + 4^1 + 7^1 + 18^2 = 19 + 32 + 41 + 71 + 182 \\ 345 &:= 1^9 + 3^2 + 5^1 + 6^1 + 18^2 = 19 + 32 + 51 + 61 + 182 \\ 345 &:= 1^9 + 6^1 + 6^3 + 9^0 + 11^2 = 19 + 61 + 63 + 90 + 112 \\ 345 &:= 2^0 + 2^6 + 2^8 + 4^0 + 23^1 = 20 + 26 + 28 + 40 + 231 \\ 345 &:= 2^0 + 3^0 + 3^1 + 12^2 + 14^2 = 20 + 30 + 31 + 122 + 142 \\ 345 &:= 2^0 + 3^0 + 5^1 + 7^2 + 17^2 = 20 + 30 + 51 + 72 + 172 \\ 345 &:= 2^0 + 3^1 + 4^2 + 7^0 + 18^2 = 20 + 31 + 42 + 70 + 182 \\ 345 &:= 2^2 + 2^4 + 2^7 + 13^0 + 14^2 = 22 + 24 + 27 + 130 + 142 \\ 345 &:= 2^2 + 2^4 + 3^4 + 3^5 + 23^0 = 22 + 24 + 34 + 35 + 230 \\ 345 &:= 2^2 + 2^8 + 3^1 + 3^4 + 23^0 = 22 + 28 + 31 + 34 + 230 \end{aligned}$$

$$\begin{aligned}
 345 &:= 2^3 + 2^3 + 3^5 + 4^3 + 22^1 = 23 + 23 + 35 + 43 + 221 \\
 345 &:= 2^3 + 2^4 + 2^6 + 11^0 + 16^2 = 23 + 24 + 26 + 110 + 162 \\
 345 &:= 2^3 + 2^6 + 4^2 + 4^4 + 21^0 = 23 + 26 + 42 + 44 + 210 \\
 345 &:= 2^3 + 2^7 + 4^3 + 12^2 + 13^0 = 23 + 27 + 43 + 122 + 130 \\
 345 &:= 2^3 + 2^7 + 9^1 + 10^2 + 10^2 = 23 + 27 + 91 + 102 + 102 \\
 345 &:= 2^3 + 2^8 + 4^2 + 8^2 + 17^0 = 23 + 28 + 42 + 82 + 170 \\
 345 &:= 2^3 + 2^8 + 4^3 + 9^0 + 16^1 = 23 + 28 + 43 + 90 + 161 \\
 345 &:= 2^4 + 2^5 + 8^2 + 8^2 + 13^2 = 24 + 25 + 82 + 82 + 132 \\
 345 &:= 2^4 + 2^6 + 4^4 + 8^1 + 17^0 = 24 + 26 + 44 + 81 + 170 \\
 345 &:= 2^4 + 2^7 + 9^0 + 10^2 + 10^2 = 24 + 27 + 90 + 102 + 102 \\
 345 &:= 2^4 + 2^8 + 8^1 + 8^2 + 13^0 = 24 + 28 + 81 + 82 + 130 \\
 345 &:= 2^5 + 2^5 + 4^2 + 9^1 + 16^2 = 25 + 25 + 42 + 91 + 162 \\
 345 &:= 2^5 + 2^5 + 6^3 + 8^2 + 15^0 = 25 + 25 + 63 + 82 + 150 \\
 345 &:= 2^5 + 2^5 + 7^1 + 7^2 + 15^2 = 25 + 25 + 71 + 72 + 152
 \end{aligned}$$

$$\begin{aligned}
 345 &:= 2^5 + 3^2 + 3^3 + 4^4 + 21^1 = 25 + 32 + 33 + 44 + 211 \\
 345 &:= 2^5 + 3^5 + 4^2 + 6^2 + 18^1 = 25 + 35 + 42 + 62 + 181 \\
 345 &:= 2^6 + 2^8 + 3^0 + 3^0 + 23^1 = 26 + 28 + 30 + 30 + 231 \\
 345 &:= 2^6 + 3^3 + 3^5 + 10^1 + 15^0 = 26 + 33 + 35 + 101 + 150 \\
 345 &:= 2^7 + 3^2 + 3^3 + 12^1 + 13^2 = 27 + 32 + 33 + 121 + 132 \\
 345 &:= 2^7 + 3^3 + 5^3 + 8^2 + 15^0 = 27 + 33 + 53 + 82 + 150 \\
 345 &:= 2^7 + 3^3 + 6^2 + 10^1 + 12^2 = 27 + 33 + 62 + 101 + 122 \\
 345 &:= 2^7 + 3^3 + 9^1 + 9^2 + 10^2 = 27 + 33 + 91 + 92 + 102 \\
 345 &:= 2^7 + 3^4 + 5^3 + 10^1 + 13^0 = 27 + 34 + 53 + 101 + 130 \\
 345 &:= 2^8 + 3^3 + 5^2 + 6^2 + 17^0 = 28 + 33 + 52 + 62 + 170 \\
 345 &:= 3^0 + 3^1 + 4^2 + 6^0 + 18^2 = 30 + 31 + 42 + 60 + 182 \\
 345 &:= 3^1 + 4^0 + 4^2 + 5^0 + 18^2 = 31 + 40 + 42 + 50 + 182 \\
 345 &:= 3^3 + 3^3 + 3^3 + 3^5 + 21^1 = 33 + 33 + 33 + 35 + 211
 \end{aligned}$$

2.2.247 Number 346

$$\begin{aligned}
 346 &:= 2^3 + 14^1 + 18^2 = 23 + 141 + 182 \\
 346 &:= 1^0 + 1^3 + 7^3 + 25^0 = 10 + 13 + 73 + 250 \\
 346 &:= 1^0 + 2^3 + 13^1 + 18^2 = 10 + 23 + 131 + 182 \\
 346 &:= 1^1 + 1^2 + 7^3 + 25^0 = 11 + 12 + 73 + 250 \\
 346 &:= 1^1 + 3^2 + 12^1 + 18^2 = 11 + 32 + 121 + 182 \\
 346 &:= 1^1 + 7^1 + 13^2 + 13^2 = 11 + 71 + 132 + 132 \\
 346 &:= 1^1 + 8^1 + 9^2 + 16^2 = 11 + 81 + 92 + 162 \\
 346 &:= 1^3 + 2^0 + 7^3 + 24^0 = 13 + 20 + 73 + 240 \\
 346 &:= 1^3 + 3^0 + 7^3 + 23^0 = 13 + 30 + 73 + 230 \\
 346 &:= 1^3 + 4^0 + 7^3 + 22^0 = 13 + 40 + 73 + 220 \\
 346 &:= 1^3 + 5^0 + 7^3 + 21^0 = 13 + 50 + 73 + 210 \\
 346 &:= 1^3 + 6^0 + 7^3 + 20^0 = 13 + 60 + 73 + 200 \\
 346 &:= 1^3 + 7^0 + 7^3 + 19^0 = 13 + 70 + 73 + 190 \\
 346 &:= 1^3 + 7^3 + 10^0 + 16^0 = 13 + 73 + 100 + 160 \\
 346 &:= 1^3 + 7^3 + 11^0 + 15^0 = 13 + 73 + 110 + 150 \\
 346 &:= 1^3 + 7^3 + 12^0 + 14^0 = 13 + 73 + 120 + 140 \\
 346 &:= 1^3 + 7^3 + 13^0 + 13^0 = 13 + 73 + 130 + 130 \\
 346 &:= 1^3 + 7^3 + 8^0 + 18^0 = 13 + 73 + 80 + 180 \\
 346 &:= 1^3 + 7^3 + 9^0 + 17^0 = 13 + 73 + 90 + 170 \\
 346 &:= 1^4 + 1^9 + 7^3 + 24^0 = 14 + 19 + 73 + 240 \\
 346 &:= 1^5 + 1^8 + 7^3 + 24^0 = 15 + 18 + 73 + 240
 \end{aligned}$$

$$\begin{aligned}
 346 &:= 1^6 + 1^7 + 7^3 + 24^0 = 16 + 17 + 73 + 240 \\
 346 &:= 1^6 + 2^7 + 6^3 + 24^0 = 16 + 27 + 63 + 240 \\
 346 &:= 2^1 + 3^2 + 11^1 + 18^2 = 21 + 32 + 111 + 182 \\
 346 &:= 2^1 + 6^1 + 13^2 + 13^2 = 21 + 61 + 132 + 132 \\
 346 &:= 2^1 + 7^1 + 9^2 + 16^2 = 21 + 71 + 92 + 162 \\
 346 &:= 2^6 + 2^8 + 5^2 + 24^0 = 26 + 28 + 52 + 240 \\
 346 &:= 3^0 + 7^2 + 10^2 + 14^2 = 30 + 72 + 102 + 142 \\
 346 &:= 3^1 + 3^2 + 10^1 + 18^2 = 31 + 32 + 101 + 182 \\
 346 &:= 3^1 + 5^1 + 13^2 + 13^2 = 31 + 51 + 132 + 132 \\
 346 &:= 3^1 + 6^1 + 9^2 + 16^2 = 31 + 61 + 92 + 162 \\
 346 &:= 3^2 + 4^1 + 9^1 + 18^2 = 32 + 41 + 91 + 182 \\
 346 &:= 3^2 + 5^1 + 8^1 + 18^2 = 32 + 51 + 81 + 182 \\
 346 &:= 3^2 + 6^1 + 7^1 + 18^2 = 32 + 61 + 71 + 182 \\
 346 &:= 4^1 + 4^1 + 13^2 + 13^2 = 41 + 41 + 132 + 132 \\
 346 &:= 4^1 + 5^1 + 9^2 + 16^2 = 41 + 51 + 92 + 162 \\
 346 &:= 5^0 + 5^2 + 8^2 + 16^2 = 50 + 52 + 82 + 162 \\
 346 &:= 6^3 + 8^1 + 9^0 + 11^2 = 63 + 81 + 90 + 112 \\
 346 &:= 1^0 + 1^0 + 10^2 + 10^2 + 12^2 = 10 + 10 + 102 + 102 + 122 \\
 346 &:= 1^0 + 1^0 + 2^3 + 12^1 + 18^2 = 10 + 10 + 23 + 121 + 182 \\
 346 &:= 1^0 + 1^1 + 3^2 + 11^1 + 18^2 = 10 + 11 + 32 + 111 + 182 \\
 346 &:= 1^0 + 1^1 + 6^1 + 13^2 + 13^2 = 10 + 11 + 61 + 132 + 132
 \end{aligned}$$

$$\begin{aligned} 346 &:= 1^0 + 1^1 + 7^1 + 9^2 + 16^2 = 10 + 11 + 71 + 92 + 162 \\ 346 &:= 1^0 + 1^9 + 3^5 + 10^2 + 18^0 = 10 + 19 + 35 + 102 + 180 \\ 346 &:= 1^0 + 2^1 + 3^2 + 10^1 + 18^2 = 10 + 21 + 32 + 101 + 182 \\ 346 &:= 1^0 + 2^1 + 5^1 + 13^2 + 13^2 = 10 + 21 + 51 + 132 + 132 \\ 346 &:= 1^0 + 2^1 + 6^1 + 9^2 + 16^2 = 10 + 21 + 61 + 92 + 162 \\ 346 &:= 1^0 + 2^2 + 4^2 + 9^0 + 18^2 = 10 + 22 + 42 + 90 + 182 \\ 346 &:= 1^0 + 2^2 + 5^0 + 12^2 + 14^2 = 10 + 22 + 50 + 122 + 142 \\ 346 &:= 1^0 + 3^1 + 3^2 + 9^1 + 18^2 = 10 + 31 + 32 + 91 + 182 \\ 346 &:= 1^0 + 3^1 + 4^1 + 13^2 + 13^2 = 10 + 31 + 41 + 132 + 132 \\ 346 &:= 1^0 + 3^1 + 5^1 + 9^2 + 16^2 = 10 + 31 + 51 + 92 + 162 \\ 346 &:= 1^0 + 3^2 + 4^1 + 8^1 + 18^2 = 10 + 32 + 41 + 81 + 182 \\ 346 &:= 1^0 + 3^2 + 5^1 + 7^1 + 18^2 = 10 + 32 + 51 + 71 + 182 \\ 346 &:= 1^0 + 3^2 + 6^1 + 6^1 + 18^2 = 10 + 32 + 61 + 61 + 182 \\ 346 &:= 1^0 + 4^1 + 4^1 + 9^2 + 16^2 = 10 + 41 + 41 + 92 + 162 \\ 346 &:= 1^0 + 6^3 + 7^1 + 9^0 + 11^2 = 10 + 63 + 71 + 90 + 112 \\ 346 &:= 1^1 + 1^8 + 3^5 + 10^2 + 18^0 = 11 + 18 + 35 + 102 + 180 \\ 346 &:= 1^1 + 2^6 + 2^6 + 6^3 + 22^0 = 11 + 26 + 26 + 63 + 220 \\ 346 &:= 1^1 + 2^6 + 2^8 + 4^0 + 24^1 = 11 + 26 + 28 + 40 + 241 \\ 346 &:= 1^1 + 3^0 + 4^1 + 12^2 + 14^2 = 11 + 30 + 41 + 122 + 142 \\ 346 &:= 1^1 + 3^0 + 6^1 + 7^2 + 17^2 = 11 + 30 + 61 + 72 + 172 \\ 346 &:= 1^1 + 4^1 + 4^2 + 7^0 + 18^2 = 11 + 41 + 42 + 70 + 182 \\ 346 &:= 1^2 + 1^7 + 3^5 + 10^2 + 18^0 = 12 + 17 + 35 + 102 + 180 \\ 346 &:= 1^3 + 1^6 + 3^5 + 10^2 + 18^0 = 13 + 16 + 35 + 102 + 180 \\ 346 &:= 1^3 + 2^8 + 3^4 + 7^1 + 20^0 = 13 + 28 + 34 + 71 + 200 \\ 346 &:= 1^4 + 1^5 + 3^5 + 10^2 + 18^0 = 14 + 15 + 35 + 102 + 180 \\ 346 &:= 1^4 + 2^0 + 2^8 + 4^3 + 24^1 = 14 + 20 + 28 + 43 + 241 \\ 346 &:= 1^4 + 2^6 + 4^3 + 6^3 + 20^0 = 14 + 26 + 43 + 63 + 200 \\ 346 &:= 1^5 + 1^9 + 2^8 + 4^3 + 24^1 = 15 + 19 + 28 + 43 + 241 \\ 346 &:= 1^5 + 2^0 + 2^6 + 4^4 + 24^1 = 15 + 20 + 26 + 44 + 241 \\ 346 &:= 1^5 + 2^6 + 2^7 + 2^7 + 25^1 = 15 + 26 + 27 + 27 + 251 \\ 346 &:= 1^5 + 2^6 + 6^3 + 8^2 + 16^0 = 15 + 26 + 63 + 82 + 160 \\ 346 &:= 1^5 + 2^8 + 7^1 + 9^2 + 14^0 = 15 + 28 + 71 + 92 + 140 \\ 346 &:= 1^6 + 1^8 + 2^8 + 4^3 + 24^1 = 16 + 18 + 28 + 43 + 241 \\ 346 &:= 1^6 + 1^9 + 2^6 + 4^4 + 24^1 = 16 + 19 + 26 + 44 + 241 \\ 346 &:= 1^6 + 3^4 + 3^5 + 6^0 + 20^1 = 16 + 34 + 35 + 60 + 201 \\ 346 &:= 1^7 + 1^7 + 2^8 + 4^3 + 24^1 = 17 + 17 + 28 + 43 + 241 \\ 346 &:= 1^7 + 1^8 + 2^6 + 4^4 + 24^1 = 17 + 18 + 26 + 44 + 241 \\ 346 &:= 1^7 + 2^5 + 2^5 + 2^8 + 25^1 = 17 + 25 + 25 + 28 + 251 \end{aligned}$$

$$\begin{aligned} 346 &:= 1^7 + 3^4 + 4^4 + 7^1 + 18^0 = 17 + 34 + 44 + 71 + 180 \\ 346 &:= 1^7 + 4^3 + 4^3 + 6^3 + 18^0 = 17 + 43 + 43 + 63 + 180 \\ 346 &:= 1^8 + 2^2 + 2^4 + 10^0 + 18^2 = 18 + 22 + 24 + 100 + 182 \\ 346 &:= 1^8 + 4^3 + 6^3 + 8^2 + 14^0 = 18 + 43 + 63 + 82 + 140 \\ 346 &:= 1^9 + 2^0 + 3^5 + 10^2 + 17^0 = 19 + 20 + 35 + 102 + 170 \\ 346 &:= 1^9 + 2^4 + 4^1 + 8^0 + 18^2 = 19 + 24 + 41 + 80 + 182 \\ 346 &:= 1^9 + 3^0 + 3^5 + 10^2 + 16^0 = 19 + 30 + 35 + 102 + 160 \\ 346 &:= 1^9 + 3^1 + 5^3 + 6^3 + 18^0 = 19 + 31 + 53 + 63 + 180 \\ 346 &:= 1^9 + 3^3 + 4^0 + 11^2 + 14^2 = 19 + 33 + 40 + 112 + 142 \\ 346 &:= 1^9 + 3^4 + 6^0 + 7^1 + 16^2 = 19 + 34 + 60 + 71 + 162 \\ 346 &:= 1^9 + 3^5 + 4^0 + 10^2 + 15^0 = 19 + 35 + 40 + 102 + 150 \\ 346 &:= 1^9 + 3^5 + 5^0 + 10^2 + 14^0 = 19 + 35 + 50 + 102 + 140 \\ 346 &:= 1^9 + 3^5 + 6^0 + 10^2 + 13^0 = 19 + 35 + 60 + 102 + 130 \\ 346 &:= 1^9 + 3^5 + 7^0 + 10^2 + 12^0 = 19 + 35 + 70 + 102 + 120 \\ 346 &:= 1^9 + 3^5 + 8^0 + 10^2 + 11^0 = 19 + 35 + 80 + 102 + 110 \\ 346 &:= 1^9 + 3^5 + 9^0 + 10^0 + 10^2 = 19 + 35 + 90 + 100 + 102 \\ 346 &:= 1^9 + 4^4 + 7^1 + 9^2 + 12^0 = 19 + 44 + 71 + 92 + 120 \\ 346 &:= 1^9 + 6^3 + 8^2 + 8^2 + 10^0 = 19 + 63 + 82 + 82 + 100 \\ 346 &:= 2^0 + 2^2 + 4^0 + 12^2 + 14^2 = 20 + 22 + 40 + 122 + 142 \\ 346 &:= 2^0 + 2^2 + 4^2 + 8^0 + 18^2 = 20 + 22 + 42 + 80 + 182 \\ 346 &:= 2^0 + 2^5 + 2^8 + 6^2 + 21^1 = 20 + 25 + 28 + 62 + 211 \\ 346 &:= 2^0 + 6^3 + 7^1 + 8^0 + 11^2 = 20 + 63 + 71 + 80 + 112 \\ 346 &:= 2^1 + 2^6 + 2^8 + 4^0 + 23^1 = 21 + 26 + 28 + 40 + 231 \\ 346 &:= 2^1 + 3^0 + 3^1 + 12^2 + 14^2 = 21 + 30 + 31 + 122 + 142 \\ 346 &:= 2^1 + 3^0 + 5^1 + 7^2 + 17^2 = 21 + 30 + 51 + 72 + 172 \\ 346 &:= 2^1 + 3^1 + 4^2 + 7^0 + 18^2 = 21 + 31 + 42 + 70 + 182 \\ 346 &:= 2^2 + 2^2 + 2^8 + 3^4 + 24^0 = 22 + 22 + 28 + 34 + 240 \\ 346 &:= 2^2 + 3^0 + 3^0 + 12^2 + 14^2 = 22 + 30 + 30 + 122 + 142 \\ 346 &:= 2^2 + 3^0 + 4^2 + 7^0 + 18^2 = 22 + 30 + 42 + 70 + 182 \\ 346 &:= 2^2 + 4^0 + 4^2 + 6^0 + 18^2 = 22 + 40 + 42 + 60 + 182 \\ 346 &:= 2^2 + 4^2 + 5^0 + 5^0 + 18^2 = 22 + 42 + 50 + 50 + 182 \\ 346 &:= 2^4 + 2^5 + 3^4 + 6^3 + 20^0 = 24 + 25 + 34 + 63 + 200 \\ 346 &:= 2^4 + 2^6 + 3^2 + 4^4 + 22^0 = 24 + 26 + 32 + 44 + 220 \\ 346 &:= 2^4 + 2^6 + 3^5 + 4^0 + 22^1 = 24 + 26 + 35 + 40 + 221 \\ 346 &:= 2^4 + 2^8 + 3^2 + 8^2 + 18^0 = 24 + 28 + 32 + 82 + 180 \\ 346 &:= 2^4 + 2^8 + 4^3 + 9^1 + 16^0 = 24 + 28 + 43 + 91 + 160 \\ 346 &:= 2^5 + 2^5 + 4^4 + 5^2 + 20^0 = 25 + 25 + 44 + 52 + 200 \\ 346 &:= 2^5 + 2^7 + 4^2 + 12^0 + 13^2 = 25 + 27 + 42 + 120 + 132 \end{aligned}$$

$$\begin{aligned}
 346 &:= 2^5 + 2^7 + 8^2 + 10^0 + 11^2 = 25 + 27 + 82 + 100 + 112 \\
 346 &:= 2^5 + 2^8 + 7^2 + 8^1 + 14^0 = 25 + 28 + 72 + 81 + 140 \\
 346 &:= 2^6 + 2^7 + 8^0 + 9^1 + 12^2 = 26 + 27 + 80 + 91 + 122 \\
 346 &:= 2^6 + 2^8 + 3^1 + 4^0 + 22^1 = 26 + 28 + 31 + 40 + 221 \\
 346 &:= 2^6 + 2^8 + 4^0 + 10^1 + 15^1 = 26 + 28 + 40 + 101 + 151 \\
 346 &:= 2^6 + 2^8 + 4^0 + 11^1 + 14^1 = 26 + 28 + 40 + 111 + 141 \\
 346 &:= 2^6 + 2^8 + 4^0 + 12^1 + 13^1 = 26 + 28 + 40 + 121 + 131 \\
 346 &:= 2^6 + 2^8 + 4^0 + 4^1 + 21^1 = 26 + 28 + 40 + 41 + 211 \\
 346 &:= 2^6 + 2^8 + 4^0 + 5^1 + 20^1 = 26 + 28 + 40 + 51 + 201
 \end{aligned}$$

$$\begin{aligned}
 346 &:= 2^6 + 2^8 + 4^0 + 6^1 + 19^1 = 26 + 28 + 40 + 61 + 191 \\
 346 &:= 2^6 + 2^8 + 4^0 + 7^1 + 18^1 = 26 + 28 + 40 + 71 + 181 \\
 346 &:= 2^6 + 2^8 + 4^0 + 8^1 + 17^1 = 26 + 28 + 40 + 81 + 171 \\
 346 &:= 2^6 + 2^8 + 4^0 + 9^1 + 16^1 = 26 + 28 + 40 + 91 + 161 \\
 346 &:= 3^0 + 3^1 + 4^1 + 7^2 + 17^2 = 30 + 31 + 41 + 72 + 172 \\
 346 &:= 3^0 + 6^3 + 7^0 + 7^1 + 11^2 = 30 + 63 + 70 + 71 + 112 \\
 346 &:= 4^0 + 6^0 + 6^3 + 7^1 + 11^2 = 40 + 60 + 63 + 71 + 112 \\
 346 &:= 5^0 + 5^0 + 6^3 + 7^1 + 11^2 = 50 + 50 + 63 + 71 + 112
 \end{aligned}$$

2.2.248 Number 347

$$\begin{aligned}
 347 &:= 1^3 + 2^1 + 7^3 + 24^0 = 13 + 21 + 73 + 240 \\
 347 &:= 1^5 + 2^8 + 4^3 + 26^1 = 15 + 28 + 43 + 261 \\
 347 &:= 1^6 + 2^6 + 4^4 + 26^1 = 16 + 26 + 44 + 261 \\
 347 &:= 2^3 + 6^0 + 13^2 + 13^2 = 23 + 60 + 132 + 132 \\
 347 &:= 2^3 + 7^2 + 8^0 + 17^2 = 23 + 72 + 80 + 172 \\
 347 &:= 2^4 + 6^1 + 8^0 + 18^2 = 24 + 61 + 80 + 182 \\
 347 &:= 3^2 + 6^3 + 11^2 + 14^0 = 32 + 63 + 112 + 140 \\
 347 &:= 3^4 + 6^0 + 9^1 + 16^2 = 34 + 60 + 91 + 162 \\
 347 &:= 4^4 + 9^1 + 9^2 + 12^0 = 44 + 91 + 92 + 120 \\
 347 &:= 5^1 + 5^3 + 6^3 + 18^0 = 51 + 53 + 63 + 180 \\
 347 &:= 5^2 + 5^3 + 10^0 + 14^2 = 52 + 53 + 100 + 142 \\
 347 &:= 5^3 + 8^0 + 10^2 + 11^2 = 53 + 80 + 102 + 112 \\
 347 &:= 6^3 + 7^2 + 9^2 + 12^0 = 63 + 72 + 92 + 120 \\
 347 &:= 1^0 + 1^0 + 1^4 + 7^3 + 24^0 = 10 + 10 + 14 + 73 + 240 \\
 347 &:= 1^0 + 1^1 + 1^3 + 7^3 + 24^0 = 10 + 11 + 13 + 73 + 240 \\
 347 &:= 1^0 + 1^2 + 1^2 + 7^3 + 24^0 = 10 + 12 + 12 + 73 + 240 \\
 347 &:= 1^0 + 1^4 + 2^0 + 7^3 + 23^0 = 10 + 14 + 20 + 73 + 230 \\
 347 &:= 1^0 + 1^4 + 3^0 + 7^3 + 22^0 = 10 + 14 + 30 + 73 + 220 \\
 347 &:= 1^0 + 1^4 + 4^0 + 7^3 + 21^0 = 10 + 14 + 40 + 73 + 210 \\
 347 &:= 1^0 + 1^4 + 5^0 + 7^3 + 20^0 = 10 + 14 + 50 + 73 + 200 \\
 347 &:= 1^0 + 1^4 + 6^0 + 7^3 + 19^0 = 10 + 14 + 60 + 73 + 190 \\
 347 &:= 1^0 + 1^4 + 7^0 + 7^3 + 18^0 = 10 + 14 + 70 + 73 + 180 \\
 347 &:= 1^0 + 1^4 + 7^3 + 10^0 + 15^0 = 10 + 14 + 73 + 100 + 150 \\
 347 &:= 1^0 + 1^4 + 7^3 + 11^0 + 14^0 = 10 + 14 + 73 + 110 + 140 \\
 347 &:= 1^0 + 1^4 + 7^3 + 12^0 + 13^0 = 10 + 14 + 73 + 120 + 130 \\
 347 &:= 1^0 + 1^4 + 7^3 + 8^0 + 17^0 = 10 + 14 + 73 + 80 + 170
 \end{aligned}$$

$$\begin{aligned}
 347 &:= 1^0 + 1^4 + 7^3 + 9^0 + 16^0 = 10 + 14 + 73 + 90 + 160 \\
 347 &:= 1^0 + 1^5 + 1^9 + 7^3 + 23^0 = 10 + 15 + 19 + 73 + 230 \\
 347 &:= 1^0 + 1^5 + 2^8 + 4^3 + 25^1 = 10 + 15 + 28 + 43 + 251 \\
 347 &:= 1^0 + 1^6 + 1^8 + 7^3 + 23^0 = 10 + 16 + 18 + 73 + 230 \\
 347 &:= 1^0 + 1^6 + 2^6 + 4^4 + 25^1 = 10 + 16 + 26 + 44 + 251 \\
 347 &:= 1^0 + 1^7 + 1^7 + 7^3 + 23^0 = 10 + 17 + 17 + 73 + 230 \\
 347 &:= 1^0 + 1^7 + 2^7 + 6^3 + 23^0 = 10 + 17 + 27 + 63 + 230 \\
 347 &:= 1^0 + 2^3 + 6^0 + 9^2 + 16^2 = 10 + 23 + 60 + 92 + 162 \\
 347 &:= 1^0 + 2^4 + 5^1 + 8^0 + 18^2 = 10 + 24 + 51 + 80 + 182 \\
 347 &:= 1^0 + 3^4 + 6^0 + 8^1 + 16^2 = 10 + 34 + 60 + 81 + 162 \\
 347 &:= 1^0 + 4^1 + 5^3 + 6^3 + 18^0 = 10 + 41 + 53 + 63 + 180 \\
 347 &:= 1^0 + 4^3 + 5^2 + 8^0 + 16^2 = 10 + 43 + 52 + 80 + 162 \\
 347 &:= 1^0 + 4^4 + 8^1 + 9^2 + 12^0 = 10 + 44 + 81 + 92 + 120 \\
 347 &:= 1^1 + 1^1 + 1^2 + 7^3 + 24^0 = 11 + 11 + 12 + 73 + 240 \\
 347 &:= 1^1 + 1^3 + 2^0 + 7^3 + 23^0 = 11 + 13 + 20 + 73 + 230 \\
 347 &:= 1^1 + 1^3 + 3^0 + 7^3 + 22^0 = 11 + 13 + 30 + 73 + 220 \\
 347 &:= 1^1 + 1^3 + 4^0 + 7^3 + 21^0 = 11 + 13 + 40 + 73 + 210 \\
 347 &:= 1^1 + 1^3 + 5^0 + 7^3 + 20^0 = 11 + 13 + 50 + 73 + 200 \\
 347 &:= 1^1 + 1^3 + 6^0 + 7^3 + 19^0 = 11 + 13 + 60 + 73 + 190 \\
 347 &:= 1^1 + 1^3 + 7^0 + 7^3 + 18^0 = 11 + 13 + 70 + 73 + 180 \\
 347 &:= 1^1 + 1^3 + 7^3 + 10^0 + 15^0 = 11 + 13 + 73 + 100 + 150 \\
 347 &:= 1^1 + 1^3 + 7^3 + 11^0 + 14^0 = 11 + 13 + 73 + 110 + 140 \\
 347 &:= 1^1 + 1^3 + 7^3 + 12^0 + 13^0 = 11 + 13 + 73 + 120 + 130 \\
 347 &:= 1^1 + 1^3 + 7^3 + 8^0 + 17^0 = 11 + 13 + 73 + 80 + 170 \\
 347 &:= 1^1 + 1^3 + 7^3 + 9^0 + 16^0 = 11 + 13 + 73 + 90 + 160 \\
 347 &:= 1^1 + 1^4 + 1^9 + 7^3 + 23^0 = 11 + 14 + 19 + 73 + 230
 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^1 + 1^4 + 2^8 + 4^3 + 25^1 = 11 + 14 + 28 + 43 + 251 \\ 347 &:= 1^1 + 1^5 + 1^8 + 7^3 + 23^0 = 11 + 15 + 18 + 73 + 230 \\ 347 &:= 1^1 + 1^5 + 2^6 + 4^4 + 25^1 = 11 + 15 + 26 + 44 + 251 \\ 347 &:= 1^1 + 1^6 + 1^7 + 7^3 + 23^0 = 11 + 16 + 17 + 73 + 230 \\ 347 &:= 1^1 + 1^6 + 2^7 + 6^3 + 23^0 = 11 + 16 + 27 + 63 + 230 \\ 347 &:= 1^1 + 2^0 + 7^2 + 10^2 + 14^2 = 11 + 20 + 72 + 102 + 142 \\ 347 &:= 1^1 + 2^5 + 2^8 + 6^2 + 22^1 = 11 + 25 + 28 + 62 + 221 \\ 347 &:= 1^1 + 2^6 + 2^8 + 5^2 + 23^0 = 11 + 26 + 28 + 52 + 230 \\ 347 &:= 1^1 + 4^0 + 5^2 + 8^2 + 16^2 = 11 + 40 + 52 + 82 + 162 \\ 347 &:= 1^1 + 6^3 + 8^0 + 8^1 + 11^2 = 11 + 63 + 80 + 81 + 112 \\ 347 &:= 1^2 + 1^2 + 2^0 + 7^3 + 23^0 = 12 + 12 + 20 + 73 + 230 \\ 347 &:= 1^2 + 1^2 + 3^0 + 7^3 + 22^0 = 12 + 12 + 30 + 73 + 220 \\ 347 &:= 1^2 + 1^2 + 4^0 + 7^3 + 21^0 = 12 + 12 + 40 + 73 + 210 \\ 347 &:= 1^2 + 1^2 + 5^0 + 7^3 + 20^0 = 12 + 12 + 50 + 73 + 200 \\ 347 &:= 1^2 + 1^2 + 6^0 + 7^3 + 19^0 = 12 + 12 + 60 + 73 + 190 \\ 347 &:= 1^2 + 1^2 + 7^0 + 7^3 + 18^0 = 12 + 12 + 70 + 73 + 180 \\ 347 &:= 1^2 + 1^2 + 7^3 + 10^0 + 15^0 = 12 + 12 + 73 + 100 + 150 \\ 347 &:= 1^2 + 1^2 + 7^3 + 11^0 + 14^0 = 12 + 12 + 73 + 110 + 140 \\ 347 &:= 1^2 + 1^2 + 7^3 + 12^0 + 13^0 = 12 + 12 + 73 + 120 + 130 \\ 347 &:= 1^2 + 1^2 + 7^3 + 8^0 + 17^0 = 12 + 12 + 73 + 80 + 170 \\ 347 &:= 1^2 + 1^2 + 7^3 + 9^0 + 16^0 = 12 + 12 + 73 + 90 + 160 \\ 347 &:= 1^2 + 1^3 + 1^9 + 7^3 + 23^0 = 12 + 13 + 19 + 73 + 230 \\ 347 &:= 1^2 + 1^3 + 2^8 + 4^3 + 25^1 = 12 + 13 + 28 + 43 + 251 \\ 347 &:= 1^2 + 1^4 + 1^8 + 7^3 + 23^0 = 12 + 14 + 18 + 73 + 230 \\ 347 &:= 1^2 + 1^4 + 2^6 + 4^4 + 25^1 = 12 + 14 + 26 + 44 + 251 \\ 347 &:= 1^2 + 1^5 + 1^7 + 7^3 + 23^0 = 12 + 15 + 17 + 73 + 230 \\ 347 &:= 1^2 + 1^5 + 2^7 + 6^3 + 23^0 = 12 + 15 + 27 + 63 + 230 \\ 347 &:= 1^2 + 1^6 + 1^6 + 7^3 + 23^0 = 12 + 16 + 16 + 73 + 230 \\ 347 &:= 1^2 + 1^9 + 7^2 + 10^2 + 14^2 = 12 + 19 + 72 + 102 + 142 \\ 347 &:= 1^2 + 2^0 + 5^1 + 12^2 + 14^2 = 12 + 20 + 51 + 122 + 142 \\ 347 &:= 1^2 + 2^0 + 7^1 + 7^2 + 17^2 = 12 + 20 + 71 + 72 + 172 \\ 347 &:= 1^2 + 2^3 + 2^8 + 3^4 + 25^0 = 12 + 23 + 28 + 34 + 250 \\ 347 &:= 1^2 + 2^6 + 2^8 + 3^0 + 25^1 = 12 + 26 + 28 + 30 + 251 \\ 347 &:= 1^2 + 4^2 + 5^1 + 6^0 + 18^2 = 12 + 42 + 51 + 60 + 182 \\ 347 &:= 1^3 + 1^3 + 1^8 + 7^3 + 23^0 = 13 + 13 + 18 + 73 + 230 \\ 347 &:= 1^3 + 1^3 + 2^6 + 4^4 + 25^1 = 13 + 13 + 26 + 44 + 251 \\ 347 &:= 1^3 + 1^4 + 1^7 + 7^3 + 23^0 = 13 + 14 + 17 + 73 + 230 \\ 347 &:= 1^3 + 1^4 + 2^7 + 6^3 + 23^0 = 13 + 14 + 27 + 63 + 230 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^3 + 1^5 + 1^6 + 7^3 + 23^0 = 13 + 15 + 16 + 73 + 230 \\ 347 &:= 1^3 + 1^8 + 7^2 + 10^2 + 14^2 = 13 + 18 + 72 + 102 + 142 \\ 347 &:= 1^3 + 1^9 + 5^1 + 12^2 + 14^2 = 13 + 19 + 51 + 122 + 142 \\ 347 &:= 1^3 + 1^9 + 7^1 + 7^2 + 17^2 = 13 + 19 + 71 + 72 + 172 \\ 347 &:= 1^3 + 2^6 + 3^5 + 4^2 + 23^1 = 13 + 26 + 35 + 42 + 231 \\ 347 &:= 1^3 + 2^7 + 3^4 + 11^2 + 16^1 = 13 + 27 + 34 + 112 + 161 \\ 347 &:= 1^4 + 1^4 + 1^6 + 7^3 + 23^0 = 14 + 14 + 16 + 73 + 230 \\ 347 &:= 1^4 + 1^5 + 1^5 + 7^3 + 23^0 = 14 + 15 + 15 + 73 + 230 \\ 347 &:= 1^4 + 1^7 + 7^2 + 10^2 + 14^2 = 14 + 17 + 72 + 102 + 142 \\ 347 &:= 1^4 + 1^8 + 5^1 + 12^2 + 14^2 = 14 + 18 + 51 + 122 + 142 \\ 347 &:= 1^4 + 1^8 + 7^1 + 7^2 + 17^2 = 14 + 18 + 71 + 72 + 172 \\ 347 &:= 1^4 + 2^0 + 2^0 + 7^3 + 22^0 = 14 + 20 + 20 + 73 + 220 \\ 347 &:= 1^4 + 2^0 + 3^0 + 7^3 + 21^0 = 14 + 20 + 30 + 73 + 210 \\ 347 &:= 1^4 + 2^0 + 4^0 + 7^3 + 20^0 = 14 + 20 + 40 + 73 + 200 \\ 347 &:= 1^4 + 2^0 + 5^0 + 7^3 + 19^0 = 14 + 20 + 50 + 73 + 190 \\ 347 &:= 1^4 + 2^0 + 6^0 + 7^3 + 18^0 = 14 + 20 + 60 + 73 + 180 \\ 347 &:= 1^4 + 2^0 + 7^0 + 7^3 + 17^0 = 14 + 20 + 70 + 73 + 170 \\ 347 &:= 1^4 + 2^0 + 7^3 + 10^0 + 14^0 = 14 + 20 + 73 + 100 + 140 \\ 347 &:= 1^4 + 2^0 + 7^3 + 11^0 + 13^0 = 14 + 20 + 73 + 110 + 130 \\ 347 &:= 1^4 + 2^0 + 7^3 + 12^0 + 12^0 = 14 + 20 + 73 + 120 + 120 \\ 347 &:= 1^4 + 2^0 + 7^3 + 8^0 + 16^0 = 14 + 20 + 73 + 80 + 160 \\ 347 &:= 1^4 + 2^0 + 7^3 + 9^0 + 15^0 = 14 + 20 + 73 + 90 + 150 \\ 347 &:= 1^4 + 2^1 + 2^8 + 4^3 + 24^1 = 14 + 21 + 28 + 43 + 241 \\ 347 &:= 1^4 + 2^3 + 2^7 + 14^1 + 14^2 = 14 + 23 + 27 + 141 + 142 \\ 347 &:= 1^4 + 2^3 + 2^8 + 9^2 + 19^0 = 14 + 23 + 28 + 92 + 190 \\ 347 &:= 1^4 + 2^4 + 3^5 + 4^3 + 23^1 = 14 + 24 + 35 + 43 + 231 \\ 347 &:= 1^4 + 2^8 + 3^1 + 4^3 + 23^1 = 14 + 28 + 31 + 43 + 231 \\ 347 &:= 1^4 + 2^8 + 3^4 + 8^1 + 19^0 = 14 + 28 + 34 + 81 + 190 \\ 347 &:= 1^4 + 2^8 + 4^1 + 4^3 + 22^1 = 14 + 28 + 41 + 43 + 221 \\ 347 &:= 1^4 + 2^8 + 4^3 + 10^1 + 16^1 = 14 + 28 + 43 + 101 + 161 \\ 347 &:= 1^4 + 2^8 + 4^3 + 11^1 + 15^1 = 14 + 28 + 43 + 111 + 151 \\ 347 &:= 1^4 + 2^8 + 4^3 + 12^1 + 14^1 = 14 + 28 + 43 + 121 + 141 \\ 347 &:= 1^4 + 2^8 + 4^3 + 13^1 + 13^1 = 14 + 28 + 43 + 131 + 131 \\ 347 &:= 1^4 + 2^8 + 4^3 + 5^1 + 21^1 = 14 + 28 + 43 + 51 + 211 \\ 347 &:= 1^4 + 2^8 + 4^3 + 5^2 + 21^0 = 14 + 28 + 43 + 52 + 210 \\ 347 &:= 1^4 + 2^8 + 4^3 + 6^1 + 20^1 = 14 + 28 + 43 + 61 + 201 \\ 347 &:= 1^4 + 2^8 + 4^3 + 7^1 + 19^1 = 14 + 28 + 43 + 71 + 191 \\ 347 &:= 1^4 + 2^8 + 4^3 + 8^1 + 18^1 = 14 + 28 + 43 + 81 + 181 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^4 + 2^8 + 4^3 + 9^1 + 17^1 = 14 + 28 + 43 + 91 + 171 \\ 347 &:= 1^4 + 2^8 + 6^2 + 6^2 + 18^1 = 14 + 28 + 62 + 62 + 181 \\ 347 &:= 1^4 + 3^0 + 3^0 + 7^3 + 20^0 = 14 + 30 + 30 + 73 + 200 \\ 347 &:= 1^4 + 3^0 + 4^0 + 7^3 + 19^0 = 14 + 30 + 40 + 73 + 190 \\ 347 &:= 1^4 + 3^0 + 5^0 + 7^3 + 18^0 = 14 + 30 + 50 + 73 + 180 \\ 347 &:= 1^4 + 3^0 + 6^0 + 7^3 + 17^0 = 14 + 30 + 60 + 73 + 170 \\ 347 &:= 1^4 + 3^0 + 7^0 + 7^3 + 16^0 = 14 + 30 + 70 + 73 + 160 \\ 347 &:= 1^4 + 3^0 + 7^3 + 10^0 + 13^0 = 14 + 30 + 73 + 100 + 130 \\ 347 &:= 1^4 + 3^0 + 7^3 + 11^0 + 12^0 = 14 + 30 + 73 + 110 + 120 \\ 347 &:= 1^4 + 3^0 + 7^3 + 8^0 + 15^0 = 14 + 30 + 73 + 80 + 150 \\ 347 &:= 1^4 + 3^0 + 7^3 + 9^0 + 14^0 = 14 + 30 + 73 + 90 + 140 \\ 347 &:= 1^4 + 4^0 + 4^0 + 7^3 + 18^0 = 14 + 40 + 40 + 73 + 180 \\ 347 &:= 1^4 + 4^0 + 5^0 + 7^3 + 17^0 = 14 + 40 + 50 + 73 + 170 \\ 347 &:= 1^4 + 4^0 + 6^0 + 7^3 + 16^0 = 14 + 40 + 60 + 73 + 160 \\ 347 &:= 1^4 + 4^0 + 7^0 + 7^3 + 15^0 = 14 + 40 + 70 + 73 + 150 \\ 347 &:= 1^4 + 4^0 + 7^3 + 10^0 + 12^0 = 14 + 40 + 73 + 100 + 120 \\ 347 &:= 1^4 + 4^0 + 7^3 + 11^0 + 11^0 = 14 + 40 + 73 + 110 + 110 \\ 347 &:= 1^4 + 4^0 + 7^3 + 8^0 + 14^0 = 14 + 40 + 73 + 80 + 140 \\ 347 &:= 1^4 + 4^0 + 7^3 + 9^0 + 13^0 = 14 + 40 + 73 + 90 + 130 \\ 347 &:= 1^4 + 5^0 + 5^0 + 7^3 + 16^0 = 14 + 50 + 50 + 73 + 160 \\ 347 &:= 1^4 + 5^0 + 6^0 + 7^3 + 15^0 = 14 + 50 + 60 + 73 + 150 \\ 347 &:= 1^4 + 5^0 + 7^0 + 7^3 + 14^0 = 14 + 50 + 70 + 73 + 140 \\ 347 &:= 1^4 + 5^0 + 7^3 + 10^0 + 11^0 = 14 + 50 + 73 + 100 + 110 \\ 347 &:= 1^4 + 5^0 + 7^3 + 8^0 + 13^0 = 14 + 50 + 73 + 80 + 130 \\ 347 &:= 1^4 + 5^0 + 7^3 + 9^0 + 12^0 = 14 + 50 + 73 + 90 + 120 \\ 347 &:= 1^4 + 6^0 + 6^0 + 7^3 + 14^0 = 14 + 60 + 60 + 73 + 140 \\ 347 &:= 1^4 + 6^0 + 7^0 + 7^3 + 13^0 = 14 + 60 + 70 + 73 + 130 \\ 347 &:= 1^4 + 6^0 + 7^3 + 10^0 + 10^0 = 14 + 60 + 73 + 100 + 100 \\ 347 &:= 1^4 + 6^0 + 7^3 + 8^0 + 12^0 = 14 + 60 + 73 + 80 + 120 \\ 347 &:= 1^4 + 6^0 + 7^3 + 9^0 + 11^0 = 14 + 60 + 73 + 90 + 110 \\ 347 &:= 1^4 + 7^0 + 7^0 + 7^3 + 12^0 = 14 + 70 + 70 + 73 + 120 \\ 347 &:= 1^4 + 7^0 + 7^3 + 8^0 + 11^0 = 14 + 70 + 73 + 80 + 110 \\ 347 &:= 1^4 + 7^0 + 7^3 + 9^0 + 10^0 = 14 + 70 + 73 + 90 + 100 \\ 347 &:= 1^4 + 7^3 + 8^0 + 8^0 + 10^0 = 14 + 73 + 80 + 80 + 100 \\ 347 &:= 1^4 + 7^3 + 8^0 + 9^0 + 9^0 = 14 + 73 + 80 + 90 + 90 \\ 347 &:= 1^5 + 1^6 + 7^2 + 10^2 + 14^2 = 15 + 16 + 72 + 102 + 142 \\ 347 &:= 1^5 + 1^7 + 5^1 + 12^2 + 14^2 = 15 + 17 + 51 + 122 + 142 \\ 347 &:= 1^5 + 1^7 + 7^1 + 7^2 + 17^2 = 15 + 17 + 71 + 72 + 172 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^5 + 1^9 + 2^0 + 7^3 + 22^0 = 15 + 19 + 20 + 73 + 220 \\ 347 &:= 1^5 + 1^9 + 3^0 + 7^3 + 21^0 = 15 + 19 + 30 + 73 + 210 \\ 347 &:= 1^5 + 1^9 + 4^0 + 7^3 + 20^0 = 15 + 19 + 40 + 73 + 200 \\ 347 &:= 1^5 + 1^9 + 5^0 + 7^3 + 19^0 = 15 + 19 + 50 + 73 + 190 \\ 347 &:= 1^5 + 1^9 + 6^0 + 7^3 + 18^0 = 15 + 19 + 60 + 73 + 180 \\ 347 &:= 1^5 + 1^9 + 7^0 + 7^3 + 17^0 = 15 + 19 + 70 + 73 + 170 \\ 347 &:= 1^5 + 1^9 + 7^3 + 10^0 + 14^0 = 15 + 19 + 73 + 100 + 140 \\ 347 &:= 1^5 + 1^9 + 7^3 + 11^0 + 13^0 = 15 + 19 + 73 + 110 + 130 \\ 347 &:= 1^5 + 1^9 + 7^3 + 12^0 + 12^0 = 15 + 19 + 73 + 120 + 120 \\ 347 &:= 1^5 + 1^9 + 7^3 + 8^0 + 16^0 = 15 + 19 + 73 + 80 + 160 \\ 347 &:= 1^5 + 1^9 + 7^3 + 9^0 + 15^0 = 15 + 19 + 73 + 90 + 150 \\ 347 &:= 1^5 + 2^1 + 2^6 + 4^4 + 24^1 = 15 + 21 + 26 + 44 + 241 \\ 347 &:= 1^5 + 2^6 + 3^1 + 4^4 + 23^1 = 15 + 26 + 31 + 44 + 231 \\ 347 &:= 1^5 + 2^6 + 4^1 + 4^4 + 22^1 = 15 + 26 + 41 + 44 + 221 \\ 347 &:= 1^5 + 2^6 + 4^4 + 10^1 + 16^1 = 15 + 26 + 44 + 101 + 161 \\ 347 &:= 1^5 + 2^6 + 4^4 + 11^1 + 15^1 = 15 + 26 + 44 + 111 + 151 \\ 347 &:= 1^5 + 2^6 + 4^4 + 12^1 + 14^1 = 15 + 26 + 44 + 121 + 141 \\ 347 &:= 1^5 + 2^6 + 4^4 + 13^1 + 13^1 = 15 + 26 + 44 + 131 + 131 \\ 347 &:= 1^5 + 2^6 + 4^4 + 5^1 + 21^1 = 15 + 26 + 44 + 51 + 211 \\ 347 &:= 1^5 + 2^6 + 4^4 + 5^2 + 21^0 = 15 + 26 + 44 + 52 + 210 \\ 347 &:= 1^5 + 2^6 + 4^4 + 6^1 + 20^1 = 15 + 26 + 44 + 61 + 201 \\ 347 &:= 1^5 + 2^6 + 4^4 + 7^1 + 19^1 = 15 + 26 + 44 + 71 + 191 \\ 347 &:= 1^5 + 2^6 + 4^4 + 8^1 + 18^1 = 15 + 26 + 44 + 81 + 181 \\ 347 &:= 1^5 + 2^6 + 4^4 + 9^1 + 17^1 = 15 + 26 + 44 + 91 + 171 \\ 347 &:= 1^5 + 2^6 + 5^3 + 12^2 + 13^1 = 15 + 26 + 53 + 122 + 131 \\ 347 &:= 1^5 + 2^6 + 6^3 + 7^2 + 17^1 = 15 + 26 + 63 + 72 + 171 \\ 347 &:= 1^5 + 2^7 + 3^2 + 13^1 + 14^2 = 15 + 27 + 32 + 131 + 142 \\ 347 &:= 1^5 + 2^7 + 8^2 + 10^1 + 12^2 = 15 + 27 + 82 + 101 + 122 \\ 347 &:= 1^5 + 2^8 + 5^2 + 8^2 + 17^0 = 15 + 28 + 52 + 82 + 170 \\ 347 &:= 1^6 + 1^6 + 5^1 + 12^2 + 14^2 = 16 + 16 + 51 + 122 + 142 \\ 347 &:= 1^6 + 1^6 + 7^1 + 7^2 + 17^2 = 16 + 16 + 71 + 72 + 172 \\ 347 &:= 1^6 + 1^8 + 2^0 + 7^3 + 22^0 = 16 + 18 + 20 + 73 + 220 \\ 347 &:= 1^6 + 1^8 + 3^0 + 7^3 + 21^0 = 16 + 18 + 30 + 73 + 210 \\ 347 &:= 1^6 + 1^8 + 4^0 + 7^3 + 20^0 = 16 + 18 + 40 + 73 + 200 \\ 347 &:= 1^6 + 1^8 + 5^0 + 7^3 + 19^0 = 16 + 18 + 50 + 73 + 190 \\ 347 &:= 1^6 + 1^8 + 6^0 + 7^3 + 18^0 = 16 + 18 + 60 + 73 + 180 \\ 347 &:= 1^6 + 1^8 + 7^0 + 7^3 + 17^0 = 16 + 18 + 70 + 73 + 170 \\ 347 &:= 1^6 + 1^8 + 7^3 + 10^0 + 14^0 = 16 + 18 + 73 + 100 + 140 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^6 + 1^8 + 7^3 + 11^0 + 13^0 = 16 + 18 + 73 + 110 + 130 \\ 347 &:= 1^6 + 1^8 + 7^3 + 12^0 + 12^0 = 16 + 18 + 73 + 120 + 120 \\ 347 &:= 1^6 + 1^8 + 7^3 + 8^0 + 16^0 = 16 + 18 + 73 + 80 + 160 \\ 347 &:= 1^6 + 1^8 + 7^3 + 9^0 + 15^0 = 16 + 18 + 73 + 90 + 150 \\ 347 &:= 1^6 + 1^9 + 1^9 + 7^3 + 22^0 = 16 + 19 + 19 + 73 + 220 \\ 347 &:= 1^6 + 2^3 + 3^4 + 4^4 + 23^0 = 16 + 23 + 34 + 44 + 230 \\ 347 &:= 1^6 + 2^5 + 7^2 + 11^2 + 12^2 = 16 + 25 + 72 + 112 + 122 \\ 347 &:= 1^6 + 2^5 + 8^2 + 9^2 + 13^2 = 16 + 25 + 82 + 92 + 132 \\ 347 &:= 1^6 + 2^6 + 4^2 + 10^1 + 16^2 = 16 + 26 + 42 + 101 + 162 \\ 347 &:= 1^6 + 2^6 + 7^2 + 8^1 + 15^2 = 16 + 26 + 72 + 81 + 152 \\ 347 &:= 1^6 + 2^8 + 8^1 + 9^2 + 13^0 = 16 + 28 + 81 + 92 + 130 \\ 347 &:= 1^7 + 1^7 + 2^0 + 7^3 + 22^0 = 17 + 17 + 20 + 73 + 220 \\ 347 &:= 1^7 + 1^7 + 3^0 + 7^3 + 21^0 = 17 + 17 + 30 + 73 + 210 \\ 347 &:= 1^7 + 1^7 + 4^0 + 7^3 + 20^0 = 17 + 17 + 40 + 73 + 200 \\ 347 &:= 1^7 + 1^7 + 5^0 + 7^3 + 19^0 = 17 + 17 + 50 + 73 + 190 \\ 347 &:= 1^7 + 1^7 + 6^0 + 7^3 + 18^0 = 17 + 17 + 60 + 73 + 180 \\ 347 &:= 1^7 + 1^7 + 7^0 + 7^3 + 17^0 = 17 + 17 + 70 + 73 + 170 \\ 347 &:= 1^7 + 1^7 + 7^3 + 10^0 + 14^0 = 17 + 17 + 73 + 100 + 140 \\ 347 &:= 1^7 + 1^7 + 7^3 + 11^0 + 13^0 = 17 + 17 + 73 + 110 + 130 \\ 347 &:= 1^7 + 1^7 + 7^3 + 12^0 + 12^0 = 17 + 17 + 73 + 120 + 120 \\ 347 &:= 1^7 + 1^7 + 7^3 + 8^0 + 16^0 = 17 + 17 + 73 + 80 + 160 \\ 347 &:= 1^7 + 1^7 + 7^3 + 9^0 + 15^0 = 17 + 17 + 73 + 90 + 150 \\ 347 &:= 1^7 + 1^8 + 1^9 + 7^3 + 22^0 = 17 + 18 + 19 + 73 + 220 \\ 347 &:= 1^7 + 2^0 + 2^7 + 6^3 + 22^0 = 17 + 20 + 27 + 63 + 220 \\ 347 &:= 1^7 + 2^2 + 3^5 + 9^2 + 18^1 = 17 + 22 + 35 + 92 + 181 \\ 347 &:= 1^7 + 2^2 + 4^3 + 4^4 + 22^1 = 17 + 22 + 43 + 44 + 221 \\ 347 &:= 1^7 + 2^3 + 4^4 + 8^2 + 18^1 = 17 + 23 + 44 + 82 + 181 \\ 347 &:= 1^7 + 2^4 + 4^3 + 10^1 + 16^2 = 17 + 24 + 43 + 101 + 162 \\ 347 &:= 1^7 + 2^4 + 6^3 + 10^2 + 14^1 = 17 + 24 + 63 + 102 + 141 \\ 347 &:= 1^7 + 2^5 + 4^2 + 9^1 + 17^2 = 17 + 25 + 42 + 91 + 172 \\ 347 &:= 1^7 + 2^6 + 5^2 + 9^0 + 16^2 = 17 + 26 + 52 + 90 + 162 \\ 347 &:= 1^7 + 2^7 + 3^0 + 6^3 + 21^0 = 17 + 27 + 30 + 63 + 210 \\ 347 &:= 1^7 + 2^7 + 4^0 + 6^3 + 20^0 = 17 + 27 + 40 + 63 + 200 \\ 347 &:= 1^7 + 2^7 + 5^0 + 6^3 + 19^0 = 17 + 27 + 50 + 63 + 190 \\ 347 &:= 1^7 + 2^7 + 6^0 + 6^3 + 18^0 = 17 + 27 + 60 + 63 + 180 \\ 347 &:= 1^7 + 2^7 + 6^3 + 10^0 + 14^0 = 17 + 27 + 63 + 100 + 140 \\ 347 &:= 1^7 + 2^7 + 6^3 + 11^0 + 13^0 = 17 + 27 + 63 + 110 + 130 \\ 347 &:= 1^7 + 2^7 + 6^3 + 12^0 + 12^0 = 17 + 27 + 63 + 120 + 120 \end{aligned}$$

$$\begin{aligned} 347 &:= 1^7 + 2^7 + 6^3 + 7^0 + 17^0 = 17 + 27 + 63 + 70 + 170 \\ 347 &:= 1^7 + 2^7 + 6^3 + 8^0 + 16^0 = 17 + 27 + 63 + 80 + 160 \\ 347 &:= 1^7 + 2^7 + 6^3 + 9^0 + 15^0 = 17 + 27 + 63 + 90 + 150 \\ 347 &:= 1^7 + 3^4 + 3^5 + 5^0 + 21^1 = 17 + 34 + 35 + 50 + 211 \\ 347 &:= 1^8 + 1^8 + 1^8 + 7^3 + 22^0 = 18 + 18 + 18 + 73 + 220 \\ 347 &:= 1^8 + 1^9 + 2^7 + 6^3 + 22^0 = 18 + 19 + 27 + 63 + 220 \\ 347 &:= 1^8 + 2^3 + 3^4 + 11^0 + 16^2 = 18 + 23 + 34 + 110 + 162 \\ 347 &:= 1^8 + 2^3 + 4^4 + 9^2 + 17^0 = 18 + 23 + 44 + 92 + 170 \\ 347 &:= 1^8 + 2^3 + 5^2 + 12^2 + 13^2 = 18 + 23 + 52 + 122 + 132 \\ 347 &:= 1^8 + 2^3 + 7^2 + 8^2 + 15^2 = 18 + 23 + 72 + 82 + 152 \\ 347 &:= 1^8 + 2^4 + 5^1 + 10^2 + 15^2 = 18 + 24 + 51 + 102 + 152 \\ 347 &:= 1^8 + 2^5 + 5^0 + 12^2 + 13^2 = 18 + 25 + 50 + 122 + 132 \\ 347 &:= 1^8 + 3^2 + 4^4 + 8^2 + 17^1 = 18 + 32 + 44 + 82 + 171 \\ 347 &:= 1^8 + 3^4 + 4^4 + 8^1 + 17^0 = 18 + 34 + 44 + 81 + 170 \\ 347 &:= 1^8 + 4^3 + 4^4 + 5^2 + 19^0 = 18 + 43 + 44 + 52 + 190 \\ 347 &:= 1^8 + 4^3 + 7^2 + 8^2 + 13^2 = 18 + 43 + 72 + 82 + 132 \\ 347 &:= 1^8 + 4^4 + 5^2 + 7^2 + 16^1 = 18 + 44 + 52 + 72 + 161 \\ 347 &:= 1^9 + 2^1 + 3^5 + 10^2 + 17^0 = 19 + 21 + 35 + 102 + 170 \\ 347 &:= 1^9 + 2^2 + 2^3 + 10^1 + 18^2 = 19 + 22 + 23 + 101 + 182 \\ 347 &:= 1^9 + 2^2 + 5^2 + 11^2 + 14^2 = 19 + 22 + 52 + 112 + 142 \\ 347 &:= 1^9 + 2^2 + 5^3 + 6^3 + 19^0 = 19 + 22 + 53 + 63 + 190 \\ 347 &:= 1^9 + 2^2 + 6^2 + 9^2 + 15^2 = 19 + 22 + 62 + 92 + 152 \\ 347 &:= 1^9 + 2^3 + 6^3 + 11^2 + 13^0 = 19 + 23 + 63 + 112 + 130 \\ 347 &:= 1^9 + 4^2 + 5^2 + 7^2 + 16^2 = 19 + 42 + 52 + 72 + 162 \\ 347 &:= 1^9 + 4^2 + 5^3 + 9^1 + 14^2 = 19 + 42 + 53 + 91 + 142 \\ 347 &:= 1^9 + 4^3 + 5^1 + 9^2 + 14^2 = 19 + 43 + 51 + 92 + 142 \\ 347 &:= 1^9 + 4^4 + 5^2 + 8^2 + 15^0 = 19 + 44 + 52 + 82 + 150 \\ 347 &:= 2^0 + 2^2 + 3^2 + 9^1 + 18^2 = 20 + 22 + 32 + 91 + 182 \\ 347 &:= 2^0 + 2^2 + 4^1 + 13^2 + 13^2 = 20 + 22 + 41 + 132 + 132 \\ 347 &:= 2^0 + 2^2 + 5^1 + 9^2 + 16^2 = 20 + 22 + 51 + 92 + 162 \\ 347 &:= 2^0 + 2^3 + 5^0 + 9^2 + 16^2 = 20 + 23 + 50 + 92 + 162 \\ 347 &:= 2^0 + 2^4 + 5^1 + 7^0 + 18^2 = 20 + 24 + 51 + 70 + 182 \\ 347 &:= 2^0 + 3^4 + 5^0 + 8^1 + 16^2 = 20 + 34 + 50 + 81 + 162 \\ 347 &:= 2^0 + 4^1 + 5^3 + 6^3 + 17^0 = 20 + 41 + 53 + 63 + 170 \\ 347 &:= 2^0 + 4^2 + 5^1 + 6^2 + 17^2 = 20 + 42 + 51 + 62 + 172 \\ 347 &:= 2^0 + 4^3 + 5^2 + 7^0 + 16^2 = 20 + 43 + 52 + 70 + 162 \\ 347 &:= 2^0 + 4^4 + 8^1 + 9^2 + 11^0 = 20 + 44 + 81 + 92 + 110 \\ 347 &:= 2^1 + 2^2 + 4^0 + 12^2 + 14^2 = 21 + 22 + 40 + 122 + 142 \end{aligned}$$

$$\begin{aligned}
 347 &:= 2^1 + 2^2 + 4^2 + 8^0 + 18^2 = 21 + 22 + 42 + 80 + 182 \\
 347 &:= 2^1 + 2^5 + 2^8 + 6^2 + 21^1 = 21 + 25 + 28 + 62 + 211 \\
 347 &:= 2^1 + 6^3 + 7^1 + 8^0 + 11^2 = 21 + 63 + 71 + 80 + 112 \\
 347 &:= 2^2 + 2^5 + 2^5 + 4^4 + 23^1 = 22 + 25 + 25 + 44 + 231 \\
 347 &:= 2^2 + 2^5 + 2^7 + 13^2 + 14^1 = 22 + 25 + 27 + 132 + 141 \\
 347 &:= 2^2 + 2^6 + 2^8 + 5^0 + 22^1 = 22 + 26 + 28 + 50 + 221 \\
 347 &:= 2^2 + 4^0 + 4^1 + 7^2 + 17^2 = 22 + 40 + 41 + 72 + 172 \\
 347 &:= 2^3 + 2^6 + 3^2 + 3^5 + 23^1 = 23 + 26 + 32 + 35 + 231 \\
 347 &:= 2^3 + 2^8 + 3^3 + 6^2 + 20^1 = 23 + 28 + 33 + 62 + 201 \\
 347 &:= 2^3 + 3^0 + 4^0 + 9^2 + 16^2 = 23 + 30 + 40 + 92 + 162 \\
 347 &:= 2^4 + 2^5 + 2^5 + 11^1 + 16^2 = 24 + 25 + 25 + 111 + 162 \\
 347 &:= 2^4 + 2^5 + 3^5 + 6^2 + 20^1 = 24 + 25 + 35 + 62 + 201 \\
 347 &:= 2^4 + 2^7 + 3^4 + 11^2 + 15^0 = 24 + 27 + 34 + 112 + 150 \\
 347 &:= 2^4 + 3^0 + 5^1 + 6^0 + 18^2 = 24 + 30 + 51 + 60 + 182 \\
 347 &:= 2^4 + 4^0 + 5^0 + 5^1 + 18^2 = 24 + 40 + 50 + 51 + 182 \\
 347 &:= 2^5 + 2^6 + 3^4 + 13^0 + 13^2 = 25 + 26 + 34 + 130 + 132 \\
 347 &:= 2^5 + 2^6 + 3^5 + 7^1 + 19^0 = 25 + 26 + 35 + 71 + 190 \\
 347 &:= 2^5 + 2^6 + 4^2 + 6^3 + 19^1 = 25 + 26 + 42 + 63 + 191 \\
 347 &:= 2^5 + 2^6 + 5^3 + 5^3 + 19^0 = 25 + 26 + 53 + 53 + 190 \\
 347 &:= 2^5 + 2^8 + 3^1 + 6^2 + 20^1 = 25 + 28 + 31 + 62 + 201 \\
 347 &:= 2^5 + 2^8 + 3^2 + 7^2 + 19^0 = 25 + 28 + 32 + 72 + 190 \\
 347 &:= 2^5 + 2^8 + 4^1 + 6^2 + 19^1 = 25 + 28 + 41 + 62 + 191 \\
 347 &:= 2^5 + 2^8 + 5^1 + 6^2 + 18^1 = 25 + 28 + 51 + 62 + 181 \\
 347 &:= 2^5 + 2^8 + 6^1 + 6^2 + 17^1 = 25 + 28 + 61 + 62 + 171 \\
 347 &:= 2^5 + 2^8 + 6^2 + 10^1 + 13^1 = 25 + 28 + 62 + 101 + 131 \\
 347 &:= 2^5 + 2^8 + 6^2 + 11^1 + 12^1 = 25 + 28 + 62 + 111 + 121
 \end{aligned}$$

$$\begin{aligned}
 347 &:= 2^5 + 2^8 + 6^2 + 7^1 + 16^1 = 25 + 28 + 62 + 71 + 161 \\
 347 &:= 2^5 + 2^8 + 6^2 + 8^1 + 15^1 = 25 + 28 + 62 + 81 + 151 \\
 347 &:= 2^5 + 2^8 + 6^2 + 9^1 + 14^1 = 25 + 28 + 62 + 91 + 141 \\
 347 &:= 2^6 + 2^8 + 3^2 + 9^0 + 17^1 = 26 + 28 + 32 + 90 + 171 \\
 347 &:= 2^6 + 2^8 + 4^2 + 10^1 + 15^0 = 26 + 28 + 42 + 101 + 150 \\
 347 &:= 2^7 + 2^7 + 9^1 + 9^2 + 11^0 = 27 + 27 + 91 + 92 + 110 \\
 347 &:= 2^8 + 3^3 + 3^3 + 4^2 + 21^1 = 28 + 33 + 33 + 42 + 211 \\
 347 &:= 3^0 + 3^4 + 4^0 + 8^1 + 16^2 = 30 + 34 + 40 + 81 + 162 \\
 347 &:= 3^0 + 4^1 + 5^3 + 6^3 + 16^0 = 30 + 41 + 53 + 63 + 160 \\
 347 &:= 3^0 + 4^3 + 5^2 + 6^0 + 16^2 = 30 + 43 + 52 + 60 + 162 \\
 347 &:= 3^0 + 4^4 + 8^1 + 9^2 + 10^0 = 30 + 44 + 81 + 92 + 100 \\
 347 &:= 3^1 + 6^1 + 6^3 + 8^0 + 11^2 = 31 + 61 + 63 + 80 + 112 \\
 347 &:= 3^2 + 3^2 + 4^1 + 6^0 + 18^2 = 32 + 32 + 41 + 60 + 182 \\
 347 &:= 4^0 + 4^1 + 5^3 + 6^3 + 15^0 = 40 + 41 + 53 + 63 + 150 \\
 347 &:= 4^0 + 4^3 + 5^0 + 5^2 + 16^2 = 40 + 43 + 50 + 52 + 162 \\
 347 &:= 4^0 + 4^4 + 8^1 + 9^0 + 9^2 = 40 + 44 + 81 + 90 + 92 \\
 347 &:= 4^1 + 5^0 + 5^3 + 6^3 + 14^0 = 41 + 50 + 53 + 63 + 140 \\
 347 &:= 4^1 + 5^1 + 6^3 + 8^0 + 11^2 = 41 + 51 + 63 + 80 + 112 \\
 347 &:= 4^1 + 5^3 + 6^0 + 6^3 + 13^0 = 41 + 53 + 60 + 63 + 130 \\
 347 &:= 4^1 + 5^3 + 6^3 + 7^0 + 12^0 = 41 + 53 + 63 + 70 + 120 \\
 347 &:= 4^1 + 5^3 + 6^3 + 8^0 + 11^0 = 41 + 53 + 63 + 80 + 110 \\
 347 &:= 4^1 + 5^3 + 6^3 + 9^0 + 10^0 = 41 + 53 + 63 + 90 + 100 \\
 347 &:= 4^4 + 5^0 + 8^0 + 8^1 + 9^2 = 44 + 50 + 80 + 81 + 92 \\
 347 &:= 4^4 + 6^0 + 7^0 + 8^1 + 9^2 = 44 + 60 + 70 + 81 + 92
 \end{aligned}$$

2.2.249 Number 348

$$\begin{aligned}
 348 &:= 1^3 + 7^1 + 12^2 + 14^2 = 13 + 71 + 122 + 142 \\
 348 &:= 1^3 + 7^2 + 9^1 + 17^2 = 13 + 72 + 91 + 172 \\
 348 &:= 1^4 + 3^1 + 7^3 + 23^0 = 14 + 31 + 73 + 230 \\
 348 &:= 1^4 + 7^0 + 11^2 + 15^2 = 14 + 70 + 112 + 152 \\
 348 &:= 2^2 + 10^2 + 10^2 + 12^2 = 22 + 102 + 102 + 122 \\
 348 &:= 2^2 + 2^3 + 12^1 + 18^2 = 22 + 23 + 121 + 182 \\
 348 &:= 3^2 + 7^2 + 11^2 + 13^2 = 32 + 72 + 112 + 132 \\
 348 &:= 3^3 + 4^3 + 11^0 + 16^2 = 33 + 43 + 110 + 162 \\
 348 &:= 3^5 + 4^1 + 10^2 + 17^0 = 35 + 41 + 102 + 170 \\
 348 &:= 4^2 + 5^3 + 11^1 + 14^2 = 42 + 53 + 111 + 142
 \end{aligned}$$

$$\begin{aligned}
 348 &:= 4^2 + 6^2 + 10^2 + 14^2 = 42 + 62 + 102 + 142 \\
 348 &:= 4^3 + 7^1 + 9^2 + 14^2 = 43 + 71 + 92 + 142 \\
 348 &:= 5^2 + 7^2 + 7^2 + 15^2 = 52 + 72 + 72 + 152 \\
 348 &:= 1^0 + 1^2 + 9^2 + 11^2 + 12^2 = 10 + 12 + 92 + 112 + 122 \\
 348 &:= 1^0 + 1^3 + 6^1 + 12^2 + 14^2 = 10 + 13 + 61 + 122 + 142 \\
 348 &:= 1^0 + 1^3 + 7^2 + 8^1 + 17^2 = 10 + 13 + 72 + 81 + 172 \\
 348 &:= 1^0 + 1^4 + 2^1 + 7^3 + 23^0 = 10 + 14 + 21 + 73 + 230 \\
 348 &:= 1^0 + 2^2 + 2^3 + 11^1 + 18^2 = 10 + 22 + 23 + 111 + 182 \\
 348 &:= 1^0 + 3^1 + 3^5 + 10^2 + 17^0 = 10 + 31 + 35 + 102 + 170 \\
 348 &:= 1^0 + 3^2 + 3^4 + 11^0 + 16^2 = 10 + 32 + 34 + 110 + 162
 \end{aligned}$$

$$\begin{aligned} 348 &:= 1^0 + 3^2 + 4^4 + 9^2 + 17^0 = 10 + 32 + 44 + 92 + 170 \\ 348 &:= 1^0 + 3^2 + 5^2 + 12^2 + 13^2 = 10 + 32 + 52 + 122 + 132 \\ 348 &:= 1^0 + 3^2 + 7^2 + 8^2 + 15^2 = 10 + 32 + 72 + 82 + 152 \\ 348 &:= 1^0 + 3^4 + 7^0 + 11^2 + 12^2 = 10 + 34 + 70 + 112 + 122 \\ 348 &:= 1^0 + 4^2 + 5^2 + 9^2 + 15^2 = 10 + 42 + 52 + 92 + 152 \\ 348 &:= 1^0 + 4^2 + 5^3 + 10^1 + 14^2 = 10 + 42 + 53 + 101 + 142 \\ 348 &:= 1^0 + 4^3 + 6^1 + 9^2 + 14^2 = 10 + 43 + 61 + 92 + 142 \\ 348 &:= 1^1 + 1^1 + 9^2 + 11^2 + 12^2 = 11 + 11 + 92 + 112 + 122 \\ 348 &:= 1^1 + 1^2 + 6^1 + 12^2 + 14^2 = 11 + 12 + 61 + 122 + 142 \\ 348 &:= 1^1 + 1^2 + 7^2 + 8^1 + 17^2 = 11 + 12 + 72 + 81 + 172 \\ 348 &:= 1^1 + 1^3 + 2^1 + 7^3 + 23^0 = 11 + 13 + 21 + 73 + 230 \\ 348 &:= 1^1 + 2^1 + 7^2 + 10^2 + 14^2 = 11 + 21 + 72 + 102 + 142 \\ 348 &:= 1^1 + 2^2 + 3^2 + 10^1 + 18^2 = 11 + 22 + 32 + 101 + 182 \\ 348 &:= 1^1 + 2^2 + 5^1 + 13^2 + 13^2 = 11 + 22 + 51 + 132 + 132 \\ 348 &:= 1^1 + 2^2 + 6^1 + 9^2 + 16^2 = 11 + 22 + 61 + 92 + 162 \\ 348 &:= 1^1 + 2^3 + 5^0 + 13^2 + 13^2 = 11 + 23 + 50 + 132 + 132 \\ 348 &:= 1^1 + 2^3 + 7^0 + 7^2 + 17^2 = 11 + 23 + 70 + 72 + 172 \\ 348 &:= 1^1 + 2^4 + 6^1 + 7^0 + 18^2 = 11 + 24 + 61 + 70 + 182 \\ 348 &:= 1^1 + 3^2 + 6^3 + 11^2 + 13^0 = 11 + 32 + 63 + 112 + 130 \\ 348 &:= 1^1 + 3^4 + 5^0 + 9^1 + 16^2 = 11 + 34 + 50 + 91 + 162 \\ 348 &:= 1^1 + 4^2 + 6^1 + 6^2 + 17^2 = 11 + 42 + 61 + 62 + 172 \\ 348 &:= 1^1 + 4^4 + 9^1 + 9^2 + 11^0 = 11 + 44 + 91 + 92 + 110 \\ 348 &:= 1^1 + 5^1 + 5^3 + 6^3 + 17^0 = 11 + 51 + 53 + 63 + 170 \\ 348 &:= 1^1 + 5^2 + 5^3 + 9^0 + 14^2 = 11 + 52 + 53 + 90 + 142 \\ 348 &:= 1^1 + 5^3 + 7^0 + 10^2 + 11^2 = 11 + 53 + 70 + 102 + 112 \\ 348 &:= 1^1 + 6^3 + 7^2 + 9^2 + 11^0 = 11 + 63 + 72 + 92 + 110 \\ 348 &:= 1^2 + 1^2 + 2^1 + 7^3 + 23^0 = 12 + 12 + 21 + 73 + 230 \\ 348 &:= 1^2 + 2^1 + 5^1 + 12^2 + 14^2 = 12 + 21 + 51 + 122 + 142 \\ 348 &:= 1^2 + 2^1 + 7^1 + 7^2 + 17^2 = 12 + 21 + 71 + 72 + 172 \\ 348 &:= 1^2 + 3^1 + 4^1 + 12^2 + 14^2 = 12 + 31 + 41 + 122 + 142 \\ 348 &:= 1^2 + 3^1 + 6^1 + 7^2 + 17^2 = 12 + 31 + 61 + 72 + 172 \\ 348 &:= 1^2 + 3^2 + 5^0 + 9^2 + 16^2 = 12 + 32 + 50 + 92 + 162 \\ 348 &:= 1^2 + 4^1 + 5^1 + 7^2 + 17^2 = 12 + 41 + 51 + 72 + 172 \\ 348 &:= 1^2 + 6^3 + 7^0 + 9^1 + 11^2 = 12 + 63 + 70 + 91 + 112 \\ 348 &:= 1^3 + 2^0 + 2^6 + 2^8 + 26^1 = 13 + 20 + 26 + 28 + 261 \\ 348 &:= 1^3 + 4^2 + 5^0 + 6^1 + 18^2 = 13 + 42 + 50 + 61 + 182 \\ 348 &:= 1^4 + 1^9 + 2^6 + 2^8 + 26^1 = 14 + 19 + 26 + 28 + 261 \\ 348 &:= 1^4 + 2^0 + 2^1 + 7^3 + 22^0 = 14 + 20 + 21 + 73 + 220 \end{aligned}$$

$$\begin{aligned} 348 &:= 1^4 + 2^1 + 3^0 + 7^3 + 21^0 = 14 + 21 + 30 + 73 + 210 \\ 348 &:= 1^4 + 2^1 + 4^0 + 7^3 + 20^0 = 14 + 21 + 40 + 73 + 200 \\ 348 &:= 1^4 + 2^1 + 5^0 + 7^3 + 19^0 = 14 + 21 + 50 + 73 + 190 \\ 348 &:= 1^4 + 2^1 + 6^0 + 7^3 + 18^0 = 14 + 21 + 60 + 73 + 180 \\ 348 &:= 1^4 + 2^1 + 7^0 + 7^3 + 17^0 = 14 + 21 + 70 + 73 + 170 \\ 348 &:= 1^4 + 2^1 + 7^3 + 10^0 + 14^0 = 14 + 21 + 73 + 100 + 140 \\ 348 &:= 1^4 + 2^1 + 7^3 + 11^0 + 13^0 = 14 + 21 + 73 + 110 + 130 \\ 348 &:= 1^4 + 2^1 + 7^3 + 12^0 + 12^0 = 14 + 21 + 73 + 120 + 120 \\ 348 &:= 1^4 + 2^1 + 7^3 + 8^0 + 16^0 = 14 + 21 + 73 + 80 + 160 \\ 348 &:= 1^4 + 2^1 + 7^3 + 9^0 + 15^0 = 14 + 21 + 73 + 90 + 150 \\ 348 &:= 1^4 + 2^8 + 3^2 + 3^4 + 24^0 = 14 + 28 + 32 + 34 + 240 \\ 348 &:= 1^5 + 1^8 + 2^6 + 2^8 + 26^1 = 15 + 18 + 26 + 28 + 261 \\ 348 &:= 1^5 + 1^9 + 2^1 + 7^3 + 22^0 = 15 + 19 + 21 + 73 + 220 \\ 348 &:= 1^5 + 2^8 + 3^4 + 9^1 + 18^0 = 15 + 28 + 34 + 91 + 180 \\ 348 &:= 1^6 + 1^7 + 2^6 + 2^8 + 26^1 = 16 + 17 + 26 + 28 + 261 \\ 348 &:= 1^6 + 1^8 + 2^1 + 7^3 + 22^0 = 16 + 18 + 21 + 73 + 220 \\ 348 &:= 1^6 + 2^8 + 3^2 + 9^2 + 18^0 = 16 + 28 + 32 + 92 + 180 \\ 348 &:= 1^7 + 1^7 + 2^1 + 7^3 + 22^0 = 17 + 17 + 21 + 73 + 220 \\ 348 &:= 1^7 + 2^1 + 2^7 + 6^3 + 22^0 = 17 + 21 + 27 + 63 + 220 \\ 348 &:= 1^7 + 2^7 + 7^2 + 10^0 + 13^2 = 17 + 27 + 72 + 100 + 132 \\ 348 &:= 1^7 + 2^8 + 9^1 + 9^2 + 12^0 = 17 + 28 + 91 + 92 + 120 \\ 348 &:= 1^8 + 3^2 + 3^4 + 4^4 + 22^0 = 18 + 32 + 34 + 44 + 220 \\ 348 &:= 1^8 + 3^4 + 3^5 + 4^0 + 22^1 = 18 + 34 + 35 + 40 + 221 \\ 348 &:= 1^9 + 2^5 + 5^2 + 8^0 + 17^2 = 19 + 25 + 52 + 80 + 172 \\ 348 &:= 1^9 + 3^4 + 4^4 + 9^1 + 16^0 = 19 + 34 + 44 + 91 + 160 \\ 348 &:= 1^9 + 3^4 + 6^3 + 7^2 + 16^0 = 19 + 34 + 63 + 72 + 160 \\ 348 &:= 2^0 + 3^1 + 3^5 + 10^2 + 16^0 = 20 + 31 + 35 + 102 + 160 \\ 348 &:= 2^0 + 3^2 + 3^4 + 10^0 + 16^2 = 20 + 32 + 34 + 100 + 162 \\ 348 &:= 2^0 + 3^2 + 4^4 + 9^2 + 16^0 = 20 + 32 + 44 + 92 + 160 \\ 348 &:= 2^0 + 3^4 + 6^0 + 11^2 + 12^2 = 20 + 34 + 60 + 112 + 122 \\ 348 &:= 2^1 + 2^2 + 3^2 + 9^1 + 18^2 = 21 + 22 + 32 + 91 + 182 \\ 348 &:= 2^1 + 2^2 + 4^1 + 13^2 + 13^2 = 21 + 22 + 41 + 132 + 132 \\ 348 &:= 2^1 + 2^2 + 5^1 + 9^2 + 16^2 = 21 + 22 + 51 + 92 + 162 \\ 348 &:= 2^1 + 2^3 + 5^0 + 9^2 + 16^2 = 21 + 23 + 50 + 92 + 162 \\ 348 &:= 2^1 + 2^4 + 5^1 + 7^0 + 18^2 = 21 + 24 + 51 + 70 + 182 \\ 348 &:= 2^1 + 3^4 + 5^0 + 8^1 + 16^2 = 21 + 34 + 50 + 81 + 162 \\ 348 &:= 2^1 + 4^1 + 5^3 + 6^3 + 17^0 = 21 + 41 + 53 + 63 + 170 \\ 348 &:= 2^1 + 4^2 + 5^1 + 6^2 + 17^2 = 21 + 42 + 51 + 62 + 172 \end{aligned}$$

$$\begin{aligned}
 348 &:= 2^1 + 4^3 + 5^2 + 7^0 + 16^2 = 21 + 43 + 52 + 70 + 162 \\
 348 &:= 2^1 + 4^4 + 8^1 + 9^2 + 11^0 = 21 + 44 + 81 + 92 + 110 \\
 348 &:= 2^2 + 3^1 + 3^1 + 13^2 + 13^2 = 22 + 31 + 31 + 132 + 132 \\
 348 &:= 2^2 + 3^1 + 3^2 + 8^1 + 18^2 = 22 + 31 + 32 + 81 + 182 \\
 348 &:= 2^2 + 3^1 + 4^1 + 9^2 + 16^2 = 22 + 31 + 41 + 92 + 162 \\
 348 &:= 2^2 + 3^2 + 4^1 + 7^1 + 18^2 = 22 + 32 + 41 + 71 + 182 \\
 348 &:= 2^2 + 3^2 + 5^1 + 6^1 + 18^2 = 22 + 32 + 51 + 61 + 182 \\
 348 &:= 2^2 + 6^1 + 6^3 + 9^0 + 11^2 = 22 + 61 + 63 + 90 + 112 \\
 348 &:= 2^3 + 2^6 + 2^8 + 8^0 + 19^1 = 23 + 26 + 28 + 80 + 191 \\
 348 &:= 2^3 + 3^2 + 5^0 + 6^1 + 18^2 = 23 + 32 + 50 + 61 + 182 \\
 348 &:= 2^4 + 3^1 + 4^1 + 7^0 + 18^2 = 24 + 31 + 41 + 70 + 182 \\
 348 &:= 3^0 + 3^1 + 3^3 + 11^2 + 14^2 = 30 + 31 + 33 + 112 + 142 \\
 348 &:= 3^0 + 3^1 + 3^5 + 10^2 + 15^0 = 30 + 31 + 35 + 102 + 150 \\
 348 &:= 3^0 + 3^2 + 3^4 + 9^0 + 16^2 = 30 + 32 + 34 + 90 + 162 \\
 348 &:= 3^0 + 3^2 + 4^4 + 9^2 + 15^0 = 30 + 32 + 44 + 92 + 150 \\
 348 &:= 3^0 + 3^3 + 5^2 + 6^1 + 17^2 = 30 + 33 + 52 + 61 + 172 \\
 348 &:= 3^0 + 3^4 + 5^0 + 11^2 + 12^2 = 30 + 34 + 50 + 112 + 122 \\
 348 &:= 3^1 + 3^1 + 5^3 + 6^3 + 17^0 = 31 + 31 + 53 + 63 + 170 \\
 348 &:= 3^1 + 3^4 + 5^0 + 7^1 + 16^2 = 31 + 34 + 50 + 71 + 162 \\
 348 &:= 3^1 + 3^5 + 4^0 + 10^2 + 14^0 = 31 + 35 + 40 + 102 + 140 \\
 348 &:= 3^1 + 3^5 + 5^0 + 10^2 + 13^0 = 31 + 35 + 50 + 102 + 130 \\
 348 &:= 3^1 + 3^5 + 6^0 + 10^2 + 12^0 = 31 + 35 + 60 + 102 + 120 \\
 348 &:= 3^1 + 3^5 + 7^0 + 10^2 + 11^0 = 31 + 35 + 70 + 102 + 110
 \end{aligned}$$

$$\begin{aligned}
 348 &:= 3^1 + 3^5 + 8^0 + 10^0 + 10^2 = 31 + 35 + 80 + 100 + 102 \\
 348 &:= 3^1 + 3^5 + 9^0 + 9^0 + 10^2 = 31 + 35 + 90 + 90 + 102 \\
 348 &:= 3^1 + 4^1 + 4^2 + 6^2 + 17^2 = 31 + 41 + 42 + 62 + 172 \\
 348 &:= 3^1 + 4^4 + 7^1 + 9^2 + 11^0 = 31 + 44 + 71 + 92 + 110 \\
 348 &:= 3^1 + 6^3 + 8^2 + 8^2 + 9^0 = 31 + 63 + 82 + 82 + 90 \\
 348 &:= 3^2 + 3^4 + 4^0 + 8^0 + 16^2 = 32 + 34 + 40 + 80 + 162 \\
 348 &:= 3^2 + 3^4 + 5^0 + 7^0 + 16^2 = 32 + 34 + 50 + 70 + 162 \\
 348 &:= 3^2 + 3^4 + 6^0 + 6^0 + 16^2 = 32 + 34 + 60 + 60 + 162 \\
 348 &:= 3^2 + 4^0 + 4^4 + 9^2 + 14^0 = 32 + 40 + 44 + 92 + 140 \\
 348 &:= 3^2 + 4^4 + 5^0 + 9^2 + 13^0 = 32 + 44 + 50 + 92 + 130 \\
 348 &:= 3^2 + 4^4 + 6^0 + 9^2 + 12^0 = 32 + 44 + 60 + 92 + 120 \\
 348 &:= 3^2 + 4^4 + 7^0 + 9^2 + 11^0 = 32 + 44 + 70 + 92 + 110 \\
 348 &:= 3^2 + 4^4 + 8^0 + 9^2 + 10^0 = 32 + 44 + 80 + 92 + 100 \\
 348 &:= 3^2 + 4^4 + 9^0 + 9^0 + 9^2 = 32 + 44 + 90 + 90 + 92 \\
 348 &:= 3^4 + 4^0 + 4^0 + 11^2 + 12^2 = 34 + 40 + 40 + 112 + 122 \\
 348 &:= 3^4 + 4^1 + 5^0 + 6^1 + 16^2 = 34 + 41 + 50 + 61 + 162 \\
 348 &:= 3^4 + 5^0 + 5^1 + 5^1 + 16^2 = 34 + 50 + 51 + 51 + 162 \\
 348 &:= 4^1 + 4^4 + 6^1 + 9^2 + 11^0 = 41 + 44 + 61 + 92 + 110 \\
 348 &:= 4^1 + 5^0 + 5^3 + 7^2 + 13^2 = 41 + 50 + 53 + 72 + 132 \\
 348 &:= 4^4 + 5^1 + 5^1 + 9^2 + 11^0 = 44 + 51 + 51 + 92 + 110 \\
 348 &:= 5^2 + 6^1 + 6^3 + 7^0 + 10^2 = 52 + 61 + 63 + 70 + 102
 \end{aligned}$$

2.2.250 Number 349

$$\begin{aligned}
 349 &:= 1^4 + 2^2 + 7^3 + 24^0 = 14 + 22 + 73 + 240 \\
 349 &:= 1^4 + 2^6 + 2^8 + 28^1 = 14 + 26 + 28 + 281 \\
 349 &:= 1^5 + 4^1 + 7^3 + 22^0 = 15 + 41 + 73 + 220 \\
 349 &:= 2^3 + 2^4 + 12^0 + 18^2 = 23 + 24 + 120 + 182 \\
 349 &:= 3^4 + 4^4 + 11^1 + 16^0 = 34 + 44 + 111 + 160 \\
 349 &:= 1^0 + 1^4 + 2^6 + 2^8 + 27^1 = 10 + 14 + 26 + 28 + 271 \\
 349 &:= 1^0 + 1^5 + 3^1 + 7^3 + 22^0 = 10 + 15 + 31 + 73 + 220 \\
 349 &:= 1^0 + 1^5 + 6^0 + 11^2 + 15^2 = 10 + 15 + 60 + 112 + 152 \\
 349 &:= 1^0 + 2^2 + 3^5 + 10^2 + 18^0 = 10 + 22 + 35 + 102 + 180 \\
 349 &:= 1^0 + 3^3 + 4^4 + 8^2 + 18^0 = 10 + 33 + 44 + 82 + 180 \\
 349 &:= 1^0 + 3^4 + 4^4 + 10^1 + 16^0 = 10 + 34 + 44 + 101 + 160 \\
 349 &:= 1^1 + 1^3 + 2^6 + 2^8 + 27^1 = 11 + 13 + 26 + 28 + 271 \\
 349 &:= 1^1 + 1^4 + 3^1 + 7^3 + 22^0 = 11 + 14 + 31 + 73 + 220
 \end{aligned}$$

$$\begin{aligned}
 349 &:= 1^1 + 1^4 + 6^0 + 11^2 + 15^2 = 11 + 14 + 60 + 112 + 152 \\
 349 &:= 1^1 + 3^3 + 4^3 + 10^0 + 16^2 = 11 + 33 + 43 + 100 + 162 \\
 349 &:= 1^1 + 3^5 + 4^1 + 10^2 + 16^0 = 11 + 35 + 41 + 102 + 160 \\
 349 &:= 1^2 + 1^2 + 2^6 + 2^8 + 27^1 = 12 + 12 + 26 + 28 + 271 \\
 349 &:= 1^2 + 1^3 + 3^1 + 7^3 + 22^0 = 12 + 13 + 31 + 73 + 220 \\
 349 &:= 1^2 + 1^3 + 6^0 + 11^2 + 15^2 = 12 + 13 + 60 + 112 + 152 \\
 349 &:= 1^2 + 2^4 + 6^0 + 7^1 + 18^2 = 12 + 24 + 60 + 71 + 182 \\
 349 &:= 1^2 + 2^6 + 2^8 + 3^3 + 25^0 = 12 + 26 + 28 + 33 + 250 \\
 349 &:= 1^2 + 3^3 + 6^0 + 8^2 + 16^2 = 12 + 33 + 60 + 82 + 162 \\
 349 &:= 1^2 + 3^4 + 4^0 + 10^1 + 16^2 = 12 + 34 + 40 + 101 + 162 \\
 349 &:= 1^2 + 4^4 + 9^2 + 10^0 + 10^1 = 12 + 44 + 92 + 100 + 101 \\
 349 &:= 1^2 + 5^3 + 6^1 + 6^3 + 16^0 = 12 + 53 + 61 + 63 + 160 \\
 349 &:= 1^3 + 2^1 + 2^6 + 2^8 + 26^1 = 13 + 21 + 26 + 28 + 261
 \end{aligned}$$

$$\begin{aligned} 349 &:= 1^3 + 2^4 + 2^6 + 3^5 + 25^1 = 13 + 24 + 26 + 35 + 251 \\ 349 &:= 1^3 + 2^6 + 2^8 + 10^1 + 18^1 = 13 + 26 + 28 + 101 + 181 \\ 349 &:= 1^3 + 2^6 + 2^8 + 11^1 + 17^1 = 13 + 26 + 28 + 111 + 171 \\ 349 &:= 1^3 + 2^6 + 2^8 + 12^1 + 16^1 = 13 + 26 + 28 + 121 + 161 \\ 349 &:= 1^3 + 2^6 + 2^8 + 13^1 + 15^1 = 13 + 26 + 28 + 131 + 151 \\ 349 &:= 1^3 + 2^6 + 2^8 + 14^1 + 14^1 = 13 + 26 + 28 + 141 + 141 \\ 349 &:= 1^3 + 2^6 + 2^8 + 3^1 + 25^1 = 13 + 26 + 28 + 31 + 251 \\ 349 &:= 1^3 + 2^6 + 2^8 + 4^1 + 24^1 = 13 + 26 + 28 + 41 + 241 \\ 349 &:= 1^3 + 2^6 + 2^8 + 5^1 + 23^1 = 13 + 26 + 28 + 51 + 231 \\ 349 &:= 1^3 + 2^6 + 2^8 + 6^1 + 22^1 = 13 + 26 + 28 + 61 + 221 \\ 349 &:= 1^3 + 2^6 + 2^8 + 7^1 + 21^1 = 13 + 26 + 28 + 71 + 211 \\ 349 &:= 1^3 + 2^6 + 2^8 + 8^1 + 20^1 = 13 + 26 + 28 + 81 + 201 \\ 349 &:= 1^3 + 2^6 + 2^8 + 9^1 + 19^1 = 13 + 26 + 28 + 91 + 191 \\ 349 &:= 1^3 + 3^2 + 4^0 + 13^2 + 13^2 = 13 + 32 + 40 + 132 + 132 \\ 349 &:= 1^3 + 3^2 + 6^0 + 7^2 + 17^2 = 13 + 32 + 60 + 72 + 172 \\ 349 &:= 1^3 + 6^0 + 6^3 + 10^1 + 11^2 = 13 + 60 + 63 + 101 + 112 \\ 349 &:= 1^4 + 2^1 + 2^1 + 7^3 + 22^0 = 14 + 21 + 21 + 73 + 220 \\ 349 &:= 1^4 + 4^0 + 4^2 + 7^1 + 18^2 = 14 + 40 + 42 + 71 + 182 \\ 349 &:= 1^5 + 2^0 + 3^1 + 7^3 + 21^0 = 15 + 20 + 31 + 73 + 210 \\ 349 &:= 1^5 + 2^0 + 5^0 + 11^2 + 15^2 = 15 + 20 + 50 + 112 + 152 \\ 349 &:= 1^5 + 2^2 + 2^8 + 4^3 + 24^1 = 15 + 22 + 28 + 43 + 241 \\ 349 &:= 1^5 + 2^3 + 2^8 + 8^2 + 20^1 = 15 + 23 + 28 + 82 + 201 \\ 349 &:= 1^5 + 2^8 + 3^3 + 4^3 + 23^0 = 15 + 28 + 33 + 43 + 230 \\ 349 &:= 1^5 + 3^0 + 3^1 + 7^3 + 20^0 = 15 + 30 + 31 + 73 + 200 \\ 349 &:= 1^5 + 3^0 + 4^0 + 11^2 + 15^2 = 15 + 30 + 40 + 112 + 152 \\ 349 &:= 1^5 + 3^1 + 4^0 + 7^3 + 19^0 = 15 + 31 + 40 + 73 + 190 \\ 349 &:= 1^5 + 3^1 + 5^0 + 7^3 + 18^0 = 15 + 31 + 50 + 73 + 180 \\ 349 &:= 1^5 + 3^1 + 6^0 + 7^3 + 17^0 = 15 + 31 + 60 + 73 + 170 \\ 349 &:= 1^5 + 3^1 + 7^0 + 7^3 + 16^0 = 15 + 31 + 70 + 73 + 160 \\ 349 &:= 1^5 + 3^1 + 7^3 + 10^0 + 13^0 = 15 + 31 + 73 + 100 + 130 \\ 349 &:= 1^5 + 3^1 + 7^3 + 11^0 + 12^0 = 15 + 31 + 73 + 110 + 120 \\ 349 &:= 1^5 + 3^1 + 7^3 + 8^0 + 15^0 = 15 + 31 + 73 + 80 + 150 \\ 349 &:= 1^5 + 3^1 + 7^3 + 9^0 + 14^0 = 15 + 31 + 73 + 90 + 140 \\ 349 &:= 1^6 + 1^9 + 3^1 + 7^3 + 21^0 = 16 + 19 + 31 + 73 + 210 \\ 349 &:= 1^6 + 1^9 + 5^0 + 11^2 + 15^2 = 16 + 19 + 50 + 112 + 152 \\ 349 &:= 1^6 + 2^2 + 2^6 + 4^4 + 24^1 = 16 + 22 + 26 + 44 + 241 \\ 349 &:= 1^6 + 2^4 + 2^6 + 12^1 + 16^2 = 16 + 24 + 26 + 121 + 162 \\ 349 &:= 1^6 + 2^6 + 3^3 + 4^4 + 23^0 = 16 + 26 + 33 + 44 + 230 \end{aligned}$$

$$\begin{aligned} 349 &:= 1^6 + 2^8 + 3^2 + 8^2 + 19^1 = 16 + 28 + 32 + 82 + 191 \\ 349 &:= 1^6 + 2^8 + 3^3 + 8^2 + 19^0 = 16 + 28 + 33 + 82 + 190 \\ 349 &:= 1^6 + 2^8 + 3^4 + 10^1 + 17^0 = 16 + 28 + 34 + 101 + 170 \\ 349 &:= 1^6 + 2^8 + 5^2 + 7^2 + 18^1 = 16 + 28 + 52 + 72 + 181 \\ 349 &:= 1^7 + 1^8 + 3^1 + 7^3 + 21^0 = 17 + 18 + 31 + 73 + 210 \\ 349 &:= 1^7 + 1^8 + 5^0 + 11^2 + 15^2 = 17 + 18 + 50 + 112 + 152 \\ 349 &:= 1^7 + 2^4 + 2^5 + 11^1 + 17^2 = 17 + 24 + 25 + 111 + 172 \\ 349 &:= 1^8 + 2^6 + 3^3 + 11^0 + 16^2 = 18 + 26 + 33 + 110 + 162 \\ 349 &:= 1^8 + 2^6 + 7^1 + 9^2 + 14^2 = 18 + 26 + 71 + 92 + 142 \\ 349 &:= 1^8 + 2^7 + 3^1 + 6^3 + 21^0 = 18 + 27 + 31 + 63 + 210 \\ 349 &:= 1^8 + 2^8 + 9^2 + 10^1 + 11^0 = 18 + 28 + 92 + 101 + 110 \\ 349 &:= 1^9 + 2^4 + 5^3 + 11^1 + 14^2 = 19 + 24 + 53 + 111 + 142 \\ 349 &:= 1^9 + 2^4 + 6^2 + 10^2 + 14^2 = 19 + 24 + 62 + 102 + 142 \\ 349 &:= 1^9 + 3^0 + 3^4 + 3^5 + 23^1 = 19 + 30 + 34 + 35 + 231 \\ 349 &:= 1^9 + 3^3 + 4^3 + 4^4 + 21^0 = 19 + 33 + 43 + 44 + 210 \\ 349 &:= 1^9 + 3^5 + 5^2 + 8^2 + 16^1 = 19 + 35 + 52 + 82 + 161 \\ 349 &:= 2^0 + 2^2 + 3^5 + 10^2 + 17^0 = 20 + 22 + 35 + 102 + 170 \\ 349 &:= 2^0 + 2^4 + 6^2 + 7^1 + 17^2 = 20 + 24 + 62 + 71 + 172 \\ 349 &:= 2^0 + 3^3 + 4^4 + 8^2 + 17^0 = 20 + 33 + 44 + 82 + 170 \\ 349 &:= 2^0 + 3^3 + 5^2 + 10^2 + 14^2 = 20 + 33 + 52 + 102 + 142 \\ 349 &:= 2^0 + 3^4 + 4^4 + 10^1 + 15^0 = 20 + 34 + 44 + 101 + 150 \\ 349 &:= 2^0 + 3^4 + 7^1 + 8^2 + 14^2 = 20 + 34 + 71 + 82 + 142 \\ 349 &:= 2^1 + 3^1 + 3^5 + 10^2 + 16^0 = 21 + 31 + 35 + 102 + 160 \\ 349 &:= 2^1 + 3^2 + 3^4 + 10^0 + 16^2 = 21 + 32 + 34 + 100 + 162 \\ 349 &:= 2^1 + 3^2 + 4^4 + 9^2 + 16^0 = 21 + 32 + 44 + 92 + 160 \\ 349 &:= 2^1 + 3^4 + 6^0 + 11^2 + 12^2 = 21 + 34 + 60 + 112 + 122 \\ 349 &:= 2^2 + 2^4 + 4^1 + 8^0 + 18^2 = 22 + 24 + 41 + 80 + 182 \\ 349 &:= 2^2 + 3^0 + 3^5 + 10^2 + 16^0 = 22 + 30 + 35 + 102 + 160 \\ 349 &:= 2^2 + 3^1 + 5^3 + 6^3 + 18^0 = 22 + 31 + 53 + 63 + 180 \\ 349 &:= 2^2 + 3^3 + 4^0 + 11^2 + 14^2 = 22 + 33 + 40 + 112 + 142 \\ 349 &:= 2^2 + 3^4 + 6^0 + 7^1 + 16^2 = 22 + 34 + 60 + 71 + 162 \\ 349 &:= 2^2 + 3^5 + 4^0 + 10^2 + 15^0 = 22 + 35 + 40 + 102 + 150 \\ 349 &:= 2^2 + 3^5 + 5^0 + 10^2 + 14^0 = 22 + 35 + 50 + 102 + 140 \\ 349 &:= 2^2 + 3^5 + 6^0 + 10^2 + 13^0 = 22 + 35 + 60 + 102 + 130 \\ 349 &:= 2^2 + 3^5 + 7^0 + 10^2 + 12^0 = 22 + 35 + 70 + 102 + 120 \\ 349 &:= 2^2 + 3^5 + 8^0 + 10^2 + 11^0 = 22 + 35 + 80 + 102 + 110 \\ 349 &:= 2^2 + 3^5 + 9^0 + 10^0 + 10^2 = 22 + 35 + 90 + 100 + 102 \\ 349 &:= 2^2 + 4^4 + 7^1 + 9^2 + 12^0 = 22 + 44 + 71 + 92 + 120 \end{aligned}$$

$$\begin{aligned}
 349 &:= 2^2 + 6^3 + 8^2 + 8^2 + 10^0 = 22 + 63 + 82 + 82 + 100 \\
 349 &:= 2^3 + 2^3 + 4^0 + 8^1 + 18^2 = 23 + 23 + 40 + 81 + 182 \\
 349 &:= 2^3 + 3^1 + 6^3 + 11^2 + 12^0 = 23 + 31 + 63 + 112 + 120 \\
 349 &:= 2^4 + 2^5 + 2^6 + 6^3 + 21^1 = 24 + 25 + 26 + 63 + 211 \\
 349 &:= 2^4 + 2^6 + 2^8 + 12^1 + 15^0 = 24 + 26 + 28 + 121 + 150 \\
 349 &:= 2^4 + 2^8 + 3^3 + 3^3 + 23^1 = 24 + 28 + 33 + 33 + 231 \\
 349 &:= 2^7 + 2^7 + 3^4 + 11^1 + 15^0 = 27 + 27 + 34 + 111 + 150 \\
 349 &:= 3^0 + 3^3 + 4^4 + 8^2 + 16^0 = 30 + 33 + 44 + 82 + 160 \\
 349 &:= 3^0 + 3^4 + 4^4 + 10^1 + 14^0 = 30 + 34 + 44 + 101 + 140 \\
 349 &:= 3^1 + 4^4 + 5^2 + 8^2 + 14^0 = 31 + 44 + 52 + 82 + 140 \\
 349 &:= 3^3 + 3^3 + 5^1 + 6^0 + 17^2 = 33 + 33 + 51 + 60 + 172 \\
 349 &:= 3^3 + 4^0 + 4^2 + 7^2 + 16^2 = 33 + 40 + 42 + 72 + 162 \\
 349 &:= 3^3 + 4^0 + 4^4 + 8^2 + 15^0 = 33 + 40 + 44 + 82 + 150 \\
 349 &:= 3^3 + 4^2 + 4^2 + 6^0 + 17^2 = 33 + 42 + 42 + 60 + 172 \\
 349 &:= 3^3 + 4^4 + 5^0 + 8^2 + 14^0 = 33 + 44 + 50 + 82 + 140 \\
 349 &:= 3^3 + 4^4 + 6^0 + 8^2 + 13^0 = 33 + 44 + 60 + 82 + 130
 \end{aligned}$$

$$\begin{aligned}
 349 &:= 3^3 + 4^4 + 7^0 + 8^2 + 12^0 = 33 + 44 + 70 + 82 + 120 \\
 349 &:= 3^3 + 4^4 + 8^0 + 8^2 + 11^0 = 33 + 44 + 80 + 82 + 110 \\
 349 &:= 3^3 + 4^4 + 8^2 + 9^0 + 10^0 = 33 + 44 + 82 + 90 + 100 \\
 349 &:= 3^3 + 5^1 + 6^3 + 10^0 + 10^2 = 33 + 51 + 63 + 100 + 102 \\
 349 &:= 3^4 + 4^0 + 4^4 + 10^1 + 13^0 = 34 + 40 + 44 + 101 + 130 \\
 349 &:= 3^4 + 4^0 + 6^1 + 6^2 + 15^2 = 34 + 40 + 61 + 62 + 152 \\
 349 &:= 3^4 + 4^4 + 5^0 + 10^1 + 12^0 = 34 + 44 + 50 + 101 + 120 \\
 349 &:= 3^4 + 4^4 + 6^0 + 10^1 + 11^0 = 34 + 44 + 60 + 101 + 110 \\
 349 &:= 3^4 + 4^4 + 7^0 + 10^0 + 10^1 = 34 + 44 + 70 + 100 + 101 \\
 349 &:= 3^4 + 4^4 + 8^0 + 9^0 + 10^1 = 34 + 44 + 80 + 90 + 101 \\
 349 &:= 4^1 + 4^3 + 6^3 + 8^2 + 12^0 = 41 + 43 + 63 + 82 + 120 \\
 349 &:= 4^2 + 4^2 + 6^3 + 10^0 + 10^2 = 42 + 42 + 63 + 100 + 102 \\
 349 &:= 4^2 + 4^4 + 6^0 + 8^2 + 12^1 = 42 + 44 + 60 + 82 + 121 \\
 349 &:= 4^4 + 6^2 + 7^1 + 7^2 + 10^0 = 44 + 62 + 71 + 72 + 100
 \end{aligned}$$

2.2.251 Number 350

$$\begin{aligned}
 350 &:= 1^6 + 5^1 + 7^3 + 21^0 = 16 + 51 + 73 + 210 \\
 350 &:= 2^4 + 5^3 + 13^1 + 14^2 = 24 + 53 + 131 + 142 \\
 350 &:= 3^0 + 3^4 + 3^5 + 25^1 = 30 + 34 + 35 + 251 \\
 350 &:= 3^5 + 5^2 + 8^2 + 18^1 = 35 + 52 + 82 + 181 \\
 350 &:= 1^0 + 1^5 + 2^2 + 7^3 + 23^0 = 10 + 15 + 22 + 73 + 230 \\
 350 &:= 1^0 + 1^6 + 4^1 + 7^3 + 21^0 = 10 + 16 + 41 + 73 + 210 \\
 350 &:= 1^0 + 2^4 + 5^3 + 12^1 + 14^2 = 10 + 24 + 53 + 121 + 142 \\
 350 &:= 1^0 + 2^4 + 8^2 + 10^2 + 13^2 = 10 + 24 + 82 + 102 + 132 \\
 350 &:= 1^0 + 2^5 + 3^3 + 11^0 + 17^2 = 10 + 25 + 33 + 110 + 172 \\
 350 &:= 1^0 + 2^5 + 6^3 + 10^2 + 15^0 = 10 + 25 + 63 + 102 + 150 \\
 350 &:= 1^0 + 3^0 + 3^4 + 3^5 + 24^1 = 10 + 30 + 34 + 35 + 241 \\
 350 &:= 1^0 + 3^5 + 5^2 + 8^2 + 17^1 = 10 + 35 + 52 + 82 + 171 \\
 350 &:= 1^1 + 1^4 + 2^2 + 7^3 + 23^0 = 11 + 14 + 22 + 73 + 230 \\
 350 &:= 1^1 + 1^5 + 4^1 + 7^3 + 21^0 = 11 + 15 + 41 + 73 + 210 \\
 350 &:= 1^1 + 2^3 + 2^4 + 11^0 + 18^2 = 11 + 23 + 24 + 110 + 182 \\
 350 &:= 1^1 + 2^3 + 8^2 + 9^2 + 14^2 = 11 + 23 + 82 + 92 + 142 \\
 350 &:= 1^1 + 2^4 + 6^2 + 8^1 + 17^2 = 11 + 24 + 62 + 81 + 172 \\
 350 &:= 1^1 + 3^4 + 4^4 + 11^1 + 15^0 = 11 + 34 + 44 + 111 + 150 \\
 350 &:= 1^1 + 3^4 + 8^1 + 8^2 + 14^2 = 11 + 34 + 81 + 82 + 142 \\
 350 &:= 1^1 + 4^3 + 8^2 + 10^2 + 11^2 = 11 + 43 + 82 + 102 + 112
 \end{aligned}$$

$$\begin{aligned}
 350 &:= 1^2 + 1^3 + 2^2 + 7^3 + 23^0 = 12 + 13 + 22 + 73 + 230 \\
 350 &:= 1^2 + 1^4 + 4^1 + 7^3 + 21^0 = 12 + 14 + 41 + 73 + 210 \\
 350 &:= 1^2 + 2^2 + 7^2 + 10^2 + 14^2 = 12 + 22 + 72 + 102 + 142 \\
 350 &:= 1^2 + 3^3 + 5^1 + 11^2 + 14^2 = 12 + 33 + 51 + 112 + 142 \\
 350 &:= 1^2 + 3^3 + 5^2 + 8^1 + 17^2 = 12 + 33 + 52 + 81 + 172 \\
 350 &:= 1^2 + 3^3 + 5^3 + 11^0 + 14^2 = 12 + 33 + 53 + 110 + 142 \\
 350 &:= 1^2 + 3^5 + 5^1 + 10^2 + 15^0 = 12 + 35 + 51 + 102 + 150 \\
 350 &:= 1^2 + 4^2 + 4^2 + 11^2 + 14^2 = 12 + 42 + 42 + 112 + 142 \\
 350 &:= 1^3 + 1^3 + 4^1 + 7^3 + 21^0 = 13 + 13 + 41 + 73 + 210 \\
 350 &:= 1^3 + 2^2 + 5^1 + 12^2 + 14^2 = 13 + 22 + 51 + 122 + 142 \\
 350 &:= 1^3 + 2^2 + 7^1 + 7^2 + 17^2 = 13 + 22 + 71 + 72 + 172 \\
 350 &:= 1^3 + 2^3 + 4^2 + 9^0 + 18^2 = 13 + 23 + 42 + 90 + 182 \\
 350 &:= 1^3 + 2^3 + 5^0 + 12^2 + 14^2 = 13 + 23 + 50 + 122 + 142 \\
 350 &:= 1^3 + 2^4 + 5^0 + 8^1 + 18^2 = 13 + 24 + 50 + 81 + 182 \\
 350 &:= 1^3 + 3^0 + 3^4 + 11^1 + 16^2 = 13 + 30 + 34 + 111 + 162 \\
 350 &:= 1^3 + 4^1 + 5^2 + 8^2 + 16^2 = 13 + 41 + 52 + 82 + 162 \\
 350 &:= 1^3 + 4^4 + 9^0 + 9^2 + 11^1 = 13 + 44 + 90 + 92 + 111 \\
 350 &:= 1^3 + 5^3 + 6^3 + 7^1 + 15^0 = 13 + 53 + 63 + 71 + 150 \\
 350 &:= 1^4 + 5^0 + 6^3 + 11^1 + 11^2 = 14 + 50 + 63 + 111 + 112 \\
 350 &:= 1^5 + 2^0 + 2^2 + 7^3 + 22^0 = 15 + 20 + 22 + 73 + 220
 \end{aligned}$$

$$\begin{aligned} 350 &:= 1^5 + 2^1 + 3^1 + 7^3 + 21^0 = 15 + 21 + 31 + 73 + 210 \\ 350 &:= 1^5 + 2^1 + 5^0 + 11^2 + 15^2 = 15 + 21 + 50 + 112 + 152 \\ 350 &:= 1^5 + 2^2 + 3^0 + 7^3 + 21^0 = 15 + 22 + 30 + 73 + 210 \\ 350 &:= 1^5 + 2^2 + 4^0 + 7^3 + 20^0 = 15 + 22 + 40 + 73 + 200 \\ 350 &:= 1^5 + 2^2 + 5^0 + 7^3 + 19^0 = 15 + 22 + 50 + 73 + 190 \\ 350 &:= 1^5 + 2^2 + 6^0 + 7^3 + 18^0 = 15 + 22 + 60 + 73 + 180 \\ 350 &:= 1^5 + 2^2 + 7^0 + 7^3 + 17^0 = 15 + 22 + 70 + 73 + 170 \\ 350 &:= 1^5 + 2^2 + 7^3 + 10^0 + 14^0 = 15 + 22 + 73 + 100 + 140 \\ 350 &:= 1^5 + 2^2 + 7^3 + 11^0 + 13^0 = 15 + 22 + 73 + 110 + 130 \\ 350 &:= 1^5 + 2^2 + 7^3 + 12^0 + 12^0 = 15 + 22 + 73 + 120 + 120 \\ 350 &:= 1^5 + 2^2 + 7^3 + 8^0 + 16^0 = 15 + 22 + 73 + 80 + 160 \\ 350 &:= 1^5 + 2^2 + 7^3 + 9^0 + 15^0 = 15 + 22 + 73 + 90 + 150 \\ 350 &:= 1^5 + 3^0 + 4^2 + 8^1 + 18^2 = 15 + 30 + 42 + 81 + 182 \\ 350 &:= 1^6 + 1^9 + 2^2 + 7^3 + 22^0 = 16 + 19 + 22 + 73 + 220 \\ 350 &:= 1^6 + 2^0 + 4^1 + 7^3 + 20^0 = 16 + 20 + 41 + 73 + 200 \\ 350 &:= 1^6 + 3^0 + 4^1 + 7^3 + 19^0 = 16 + 30 + 41 + 73 + 190 \\ 350 &:= 1^6 + 4^0 + 4^1 + 7^3 + 18^0 = 16 + 40 + 41 + 73 + 180 \\ 350 &:= 1^6 + 4^1 + 5^0 + 7^3 + 17^0 = 16 + 41 + 50 + 73 + 170 \\ 350 &:= 1^6 + 4^1 + 6^0 + 7^3 + 16^0 = 16 + 41 + 60 + 73 + 160 \\ 350 &:= 1^6 + 4^1 + 7^0 + 7^3 + 15^0 = 16 + 41 + 70 + 73 + 150 \\ 350 &:= 1^6 + 4^1 + 7^3 + 10^0 + 12^0 = 16 + 41 + 73 + 100 + 120 \\ 350 &:= 1^6 + 4^1 + 7^3 + 11^0 + 11^0 = 16 + 41 + 73 + 110 + 110 \\ 350 &:= 1^6 + 4^1 + 7^3 + 8^0 + 14^0 = 16 + 41 + 73 + 80 + 140 \\ 350 &:= 1^6 + 4^1 + 7^3 + 9^0 + 13^0 = 16 + 41 + 73 + 90 + 130 \\ 350 &:= 1^7 + 1^8 + 2^2 + 7^3 + 22^0 = 17 + 18 + 22 + 73 + 220 \\ 350 &:= 1^7 + 1^9 + 4^1 + 7^3 + 20^0 = 17 + 19 + 41 + 73 + 200 \\ 350 &:= 1^7 + 2^8 + 3^4 + 11^1 + 16^0 = 17 + 28 + 34 + 111 + 160 \\ 350 &:= 1^8 + 1^8 + 4^1 + 7^3 + 20^0 = 18 + 18 + 41 + 73 + 200 \\ 350 &:= 1^8 + 2^2 + 2^7 + 6^3 + 22^0 = 18 + 22 + 27 + 63 + 220 \\ 350 &:= 1^9 + 2^7 + 4^1 + 6^3 + 20^0 = 19 + 27 + 41 + 63 + 200 \\ 350 &:= 1^9 + 2^8 + 9^2 + 10^0 + 11^1 = 19 + 28 + 92 + 100 + 111 \\ 350 &:= 2^0 + 2^0 + 3^4 + 3^5 + 24^1 = 20 + 20 + 34 + 35 + 241 \\ 350 &:= 2^0 + 2^5 + 3^3 + 10^0 + 17^2 = 20 + 25 + 33 + 100 + 172 \\ 350 &:= 2^0 + 2^5 + 6^3 + 10^2 + 14^0 = 20 + 25 + 63 + 102 + 140 \\ 350 &:= 2^1 + 2^2 + 3^5 + 10^2 + 17^0 = 21 + 22 + 35 + 102 + 170 \\ 350 &:= 2^1 + 2^4 + 6^2 + 7^1 + 17^2 = 21 + 24 + 62 + 71 + 172 \\ 350 &:= 2^1 + 3^3 + 4^4 + 8^2 + 17^0 = 21 + 33 + 44 + 82 + 170 \\ 350 &:= 2^1 + 3^3 + 5^2 + 10^2 + 14^2 = 21 + 33 + 52 + 102 + 142 \end{aligned}$$

$$\begin{aligned} 350 &:= 2^1 + 3^4 + 4^4 + 10^1 + 15^0 = 21 + 34 + 44 + 101 + 150 \\ 350 &:= 2^1 + 3^4 + 7^1 + 8^2 + 14^2 = 21 + 34 + 71 + 82 + 142 \\ 350 &:= 2^2 + 2^2 + 2^3 + 10^1 + 18^2 = 22 + 22 + 23 + 101 + 182 \\ 350 &:= 2^2 + 2^2 + 5^2 + 11^2 + 14^2 = 22 + 22 + 52 + 112 + 142 \\ 350 &:= 2^2 + 2^2 + 5^3 + 6^3 + 19^0 = 22 + 22 + 53 + 63 + 190 \\ 350 &:= 2^2 + 2^2 + 6^2 + 9^2 + 15^2 = 22 + 22 + 62 + 92 + 152 \\ 350 &:= 2^2 + 2^3 + 6^3 + 11^2 + 13^0 = 22 + 23 + 63 + 112 + 130 \\ 350 &:= 2^2 + 4^2 + 5^2 + 7^2 + 16^2 = 22 + 42 + 52 + 72 + 162 \\ 350 &:= 2^2 + 4^2 + 5^3 + 9^1 + 14^2 = 22 + 42 + 53 + 91 + 142 \\ 350 &:= 2^2 + 4^3 + 5^1 + 9^2 + 14^2 = 22 + 43 + 51 + 92 + 142 \\ 350 &:= 2^2 + 4^4 + 5^2 + 8^2 + 15^0 = 22 + 44 + 52 + 82 + 150 \\ 350 &:= 2^3 + 2^3 + 3^2 + 9^0 + 18^2 = 23 + 23 + 32 + 90 + 182 \\ 350 &:= 2^3 + 3^3 + 5^2 + 7^0 + 17^2 = 23 + 33 + 52 + 70 + 172 \\ 350 &:= 2^3 + 3^4 + 4^1 + 9^0 + 16^2 = 23 + 34 + 41 + 90 + 162 \\ 350 &:= 2^3 + 4^1 + 4^4 + 9^2 + 15^0 = 23 + 41 + 44 + 92 + 150 \\ 350 &:= 2^3 + 4^3 + 5^0 + 9^2 + 14^2 = 23 + 43 + 50 + 92 + 142 \\ 350 &:= 2^3 + 5^2 + 6^3 + 10^2 + 11^0 = 23 + 52 + 63 + 102 + 110 \\ 350 &:= 2^4 + 3^0 + 4^2 + 11^2 + 14^2 = 24 + 30 + 42 + 112 + 142 \\ 350 &:= 2^4 + 3^1 + 6^1 + 6^2 + 17^2 = 24 + 31 + 61 + 62 + 172 \\ 350 &:= 2^4 + 4^1 + 5^1 + 6^2 + 17^2 = 24 + 41 + 51 + 62 + 172 \\ 350 &:= 2^5 + 3^0 + 3^3 + 9^0 + 17^2 = 25 + 30 + 33 + 90 + 172 \\ 350 &:= 2^5 + 3^0 + 4^1 + 12^2 + 13^2 = 25 + 30 + 41 + 122 + 132 \\ 350 &:= 2^5 + 3^0 + 6^3 + 10^2 + 13^0 = 25 + 30 + 63 + 102 + 130 \\ 350 &:= 2^5 + 3^1 + 5^2 + 7^0 + 17^2 = 25 + 31 + 52 + 70 + 172 \\ 350 &:= 2^5 + 3^3 + 4^0 + 8^0 + 17^2 = 25 + 33 + 40 + 80 + 172 \\ 350 &:= 2^5 + 3^3 + 5^0 + 7^0 + 17^2 = 25 + 33 + 50 + 70 + 172 \\ 350 &:= 2^5 + 3^3 + 6^0 + 6^0 + 17^2 = 25 + 33 + 60 + 60 + 172 \\ 350 &:= 2^5 + 4^0 + 6^3 + 10^2 + 12^0 = 25 + 40 + 63 + 102 + 120 \\ 350 &:= 2^5 + 5^0 + 6^3 + 10^2 + 11^0 = 25 + 50 + 63 + 102 + 110 \\ 350 &:= 2^5 + 6^0 + 6^3 + 10^0 + 10^2 = 25 + 60 + 63 + 100 + 102 \\ 350 &:= 2^5 + 6^3 + 7^0 + 9^0 + 10^2 = 25 + 63 + 70 + 90 + 102 \\ 350 &:= 2^5 + 6^3 + 8^0 + 8^0 + 10^2 = 25 + 63 + 80 + 80 + 102 \\ 350 &:= 3^0 + 3^2 + 3^5 + 9^2 + 16^1 = 30 + 32 + 35 + 92 + 161 \\ 350 &:= 3^0 + 3^2 + 4^3 + 4^4 + 20^1 = 30 + 32 + 43 + 44 + 201 \\ 350 &:= 3^0 + 3^3 + 4^4 + 7^2 + 17^1 = 30 + 33 + 44 + 72 + 171 \\ 350 &:= 3^0 + 3^4 + 6^2 + 6^3 + 16^1 = 30 + 34 + 62 + 63 + 161 \\ 350 &:= 3^1 + 3^4 + 4^4 + 9^1 + 15^0 = 31 + 34 + 44 + 91 + 150 \\ 350 &:= 3^1 + 3^4 + 6^1 + 8^2 + 14^2 = 31 + 34 + 61 + 82 + 142 \end{aligned}$$

$$\begin{aligned}
 350 &:= 3^1 + 3^4 + 6^3 + 7^2 + 15^0 = 31 + 34 + 63 + 72 + 150 \\
 350 &:= 3^3 + 5^2 + 6^3 + 9^2 + 11^0 = 33 + 52 + 63 + 92 + 110 \\
 350 &:= 3^4 + 4^1 + 4^4 + 8^1 + 15^0 = 34 + 41 + 44 + 81 + 150 \\
 350 &:= 3^4 + 4^1 + 5^1 + 8^2 + 14^2 = 34 + 41 + 51 + 82 + 142 \\
 350 &:= 3^4 + 4^3 + 5^0 + 8^1 + 14^2 = 34 + 43 + 50 + 81 + 142 \\
 350 &:= 3^4 + 4^4 + 5^1 + 7^1 + 15^0 = 34 + 44 + 51 + 71 + 150 \\
 350 &:= 3^4 + 4^4 + 6^1 + 6^1 + 15^0 = 34 + 44 + 61 + 61 + 150 \\
 350 &:= 3^4 + 5^0 + 6^2 + 6^2 + 14^2 = 34 + 50 + 62 + 62 + 142 \\
 350 &:= 3^5 + 4^2 + 9^0 + 9^1 + 9^2 = 35 + 42 + 90 + 91 + 92 \\
 350 &:= 3^5 + 6^1 + 6^2 + 8^2 + 11^0 = 35 + 61 + 62 + 82 + 110 \\
 350 &:= 3^5 + 7^2 + 7^2 + 8^1 + 9^0 = 35 + 72 + 72 + 81 + 90
 \end{aligned}$$

$$\begin{aligned}
 350 &:= 4^1 + 4^3 + 4^4 + 5^2 + 17^0 = 41 + 43 + 44 + 52 + 170 \\
 350 &:= 4^1 + 5^3 + 6^2 + 8^2 + 11^2 = 41 + 53 + 62 + 82 + 112 \\
 350 &:= 4^2 + 4^3 + 4^4 + 9^0 + 13^1 = 42 + 43 + 44 + 90 + 131 \\
 350 &:= 4^2 + 4^3 + 5^3 + 9^0 + 12^2 = 42 + 43 + 53 + 90 + 122 \\
 350 &:= 4^3 + 4^3 + 5^0 + 10^2 + 11^2 = 43 + 43 + 50 + 102 + 112 \\
 350 &:= 4^3 + 4^3 + 5^1 + 6^3 + 15^0 = 43 + 43 + 51 + 63 + 150 \\
 350 &:= 4^3 + 4^3 + 5^2 + 7^0 + 14^2 = 43 + 43 + 52 + 70 + 142 \\
 350 &:= 5^2 + 5^2 + 5^3 + 6^1 + 13^2 = 52 + 52 + 53 + 61 + 132 \\
 350 &:= 5^2 + 6^2 + 6^3 + 8^2 + 9^1 = 52 + 62 + 63 + 82 + 91
 \end{aligned}$$

2.2.252 Number 351

$$\begin{aligned}
 351 &:= 1^7 + 5^2 + 10^0 + 18^2 = 17 + 52 + 100 + 182 \\
 351 &:= 1^7 + 6^1 + 7^3 + 20^0 = 17 + 61 + 73 + 200 \\
 351 &:= 2^7 + 6^1 + 6^3 + 20^0 = 27 + 61 + 63 + 200 \\
 351 &:= 2^8 + 9^2 + 10^0 + 13^1 = 28 + 92 + 100 + 131 \\
 351 &:= 1^0 + 1^7 + 5^1 + 7^3 + 20^0 = 10 + 17 + 51 + 73 + 200 \\
 351 &:= 1^0 + 2^7 + 10^0 + 10^2 + 11^2 = 10 + 27 + 100 + 102 + 112 \\
 351 &:= 1^0 + 2^7 + 5^1 + 6^3 + 20^0 = 10 + 27 + 51 + 63 + 200 \\
 351 &:= 1^0 + 2^7 + 5^2 + 12^0 + 14^2 = 10 + 27 + 52 + 120 + 142 \\
 351 &:= 1^0 + 2^8 + 9^2 + 10^0 + 12^1 = 10 + 28 + 92 + 100 + 121 \\
 351 &:= 1^0 + 3^4 + 3^5 + 5^2 + 22^0 = 10 + 34 + 35 + 52 + 220 \\
 351 &:= 1^1 + 1^6 + 5^1 + 7^3 + 20^0 = 11 + 16 + 51 + 73 + 200 \\
 351 &:= 1^1 + 2^0 + 3^4 + 3^5 + 25^1 = 11 + 20 + 34 + 35 + 251 \\
 351 &:= 1^2 + 1^5 + 5^1 + 7^3 + 20^0 = 12 + 15 + 51 + 73 + 200 \\
 351 &:= 1^2 + 1^9 + 3^4 + 3^5 + 25^1 = 12 + 19 + 34 + 35 + 251 \\
 351 &:= 1^2 + 2^3 + 5^3 + 6^3 + 20^0 = 12 + 23 + 53 + 63 + 200 \\
 351 &:= 1^2 + 2^5 + 6^0 + 11^2 + 14^2 = 12 + 25 + 60 + 112 + 142 \\
 351 &:= 1^2 + 3^4 + 4^4 + 12^1 + 14^0 = 12 + 34 + 44 + 121 + 140 \\
 351 &:= 1^2 + 3^5 + 5^2 + 9^2 + 16^0 = 12 + 35 + 52 + 92 + 160 \\
 351 &:= 1^3 + 1^4 + 5^1 + 7^3 + 20^0 = 13 + 14 + 51 + 73 + 200 \\
 351 &:= 1^3 + 1^8 + 3^4 + 3^5 + 25^1 = 13 + 18 + 34 + 35 + 251 \\
 351 &:= 1^3 + 2^4 + 3^2 + 10^0 + 18^2 = 13 + 24 + 32 + 100 + 182 \\
 351 &:= 1^3 + 3^5 + 6^1 + 10^2 + 14^0 = 13 + 35 + 61 + 102 + 140 \\
 351 &:= 1^4 + 1^7 + 3^4 + 3^5 + 25^1 = 14 + 17 + 34 + 35 + 251 \\
 351 &:= 1^4 + 2^0 + 3^4 + 12^1 + 16^2 = 14 + 20 + 34 + 121 + 162 \\
 351 &:= 1^4 + 2^2 + 2^6 + 2^8 + 26^1 = 14 + 22 + 26 + 28 + 261
 \end{aligned}$$

$$\begin{aligned}
 351 &:= 1^4 + 2^4 + 4^0 + 9^1 + 18^2 = 14 + 24 + 40 + 91 + 182 \\
 351 &:= 1^4 + 4^4 + 8^0 + 9^2 + 12^1 = 14 + 44 + 80 + 92 + 121 \\
 351 &:= 1^4 + 5^3 + 6^3 + 8^1 + 14^0 = 14 + 53 + 63 + 81 + 140 \\
 351 &:= 1^5 + 1^6 + 3^4 + 3^5 + 25^1 = 15 + 16 + 34 + 35 + 251 \\
 351 &:= 1^5 + 1^9 + 3^4 + 12^1 + 16^2 = 15 + 19 + 34 + 121 + 162 \\
 351 &:= 1^5 + 2^0 + 6^2 + 12^2 + 13^2 = 15 + 20 + 62 + 122 + 132 \\
 351 &:= 1^5 + 2^1 + 2^2 + 7^3 + 22^0 = 15 + 21 + 22 + 73 + 220 \\
 351 &:= 1^5 + 3^2 + 4^0 + 12^2 + 14^2 = 15 + 32 + 40 + 122 + 142 \\
 351 &:= 1^5 + 3^2 + 4^2 + 8^0 + 18^2 = 15 + 32 + 42 + 80 + 182 \\
 351 &:= 1^5 + 4^0 + 6^3 + 11^2 + 12^1 = 15 + 40 + 63 + 112 + 121 \\
 351 &:= 1^6 + 1^8 + 3^4 + 12^1 + 16^2 = 16 + 18 + 34 + 121 + 162 \\
 351 &:= 1^6 + 1^9 + 6^2 + 12^2 + 13^2 = 16 + 19 + 62 + 122 + 132 \\
 351 &:= 1^6 + 2^0 + 4^2 + 9^1 + 18^2 = 16 + 20 + 42 + 91 + 182 \\
 351 &:= 1^6 + 2^1 + 4^1 + 7^3 + 20^0 = 16 + 21 + 41 + 73 + 200 \\
 351 &:= 1^6 + 3^1 + 3^1 + 7^3 + 20^0 = 16 + 31 + 31 + 73 + 200 \\
 351 &:= 1^6 + 3^1 + 4^0 + 11^2 + 15^2 = 16 + 31 + 40 + 112 + 152 \\
 351 &:= 1^7 + 1^7 + 3^4 + 12^1 + 16^2 = 17 + 17 + 34 + 121 + 162 \\
 351 &:= 1^7 + 1^8 + 6^2 + 12^2 + 13^2 = 17 + 18 + 62 + 122 + 132 \\
 351 &:= 1^7 + 1^9 + 4^2 + 9^1 + 18^2 = 17 + 19 + 42 + 91 + 182 \\
 351 &:= 1^7 + 2^0 + 5^1 + 7^3 + 19^0 = 17 + 20 + 51 + 73 + 190 \\
 351 &:= 1^7 + 3^0 + 5^1 + 7^3 + 18^0 = 17 + 30 + 51 + 73 + 180 \\
 351 &:= 1^7 + 4^0 + 5^1 + 7^3 + 17^0 = 17 + 40 + 51 + 73 + 170 \\
 351 &:= 1^7 + 5^0 + 5^1 + 7^3 + 16^0 = 17 + 50 + 51 + 73 + 160 \\
 351 &:= 1^7 + 5^1 + 6^0 + 7^3 + 15^0 = 17 + 51 + 60 + 73 + 150 \\
 351 &:= 1^7 + 5^1 + 7^0 + 7^3 + 14^0 = 17 + 51 + 70 + 73 + 140
 \end{aligned}$$

$$\begin{aligned} 351 &:= 1^7 + 5^1 + 7^3 + 10^0 + 11^0 = 17 + 51 + 73 + 100 + 110 \\ 351 &:= 1^7 + 5^1 + 7^3 + 8^0 + 13^0 = 17 + 51 + 73 + 80 + 130 \\ 351 &:= 1^7 + 5^1 + 7^3 + 9^0 + 12^0 = 17 + 51 + 73 + 90 + 120 \\ 351 &:= 1^8 + 1^8 + 4^2 + 9^1 + 18^2 = 18 + 18 + 42 + 91 + 182 \\ 351 &:= 1^8 + 1^9 + 5^1 + 7^3 + 19^0 = 18 + 19 + 51 + 73 + 190 \\ 351 &:= 1^8 + 2^5 + 3^4 + 6^3 + 21^1 = 18 + 25 + 34 + 63 + 211 \\ 351 &:= 1^8 + 2^7 + 4^3 + 12^2 + 14^1 = 18 + 27 + 43 + 122 + 141 \\ 351 &:= 1^8 + 2^7 + 5^3 + 9^2 + 16^1 = 18 + 27 + 53 + 92 + 161 \\ 351 &:= 1^8 + 2^8 + 3^4 + 12^1 + 15^0 = 18 + 28 + 34 + 121 + 150 \\ 351 &:= 1^9 + 2^5 + 3^4 + 12^1 + 15^2 = 19 + 25 + 34 + 121 + 152 \\ 351 &:= 2^0 + 2^1 + 3^4 + 3^5 + 24^1 = 20 + 21 + 34 + 35 + 241 \\ 351 &:= 2^0 + 2^3 + 3^5 + 9^2 + 18^1 = 20 + 23 + 35 + 92 + 181 \\ 351 &:= 2^0 + 2^3 + 4^3 + 4^4 + 22^1 = 20 + 23 + 43 + 44 + 221 \\ 351 &:= 2^0 + 2^5 + 7^2 + 10^2 + 13^2 = 20 + 25 + 72 + 102 + 132 \\ 351 &:= 2^0 + 2^7 + 5^1 + 6^3 + 19^0 = 20 + 27 + 51 + 63 + 190 \\ 351 &:= 2^0 + 2^7 + 5^2 + 11^0 + 14^2 = 20 + 27 + 52 + 110 + 142 \\ 351 &:= 2^0 + 2^7 + 9^0 + 10^2 + 11^2 = 20 + 27 + 90 + 102 + 112 \\ 351 &:= 2^0 + 2^8 + 9^0 + 9^2 + 12^1 = 20 + 28 + 90 + 92 + 121 \\ 351 &:= 2^0 + 3^1 + 3^4 + 3^5 + 23^1 = 20 + 31 + 34 + 35 + 231 \\ 351 &:= 2^0 + 3^4 + 3^5 + 10^1 + 16^1 = 20 + 34 + 35 + 101 + 161 \\ 351 &:= 2^0 + 3^4 + 3^5 + 11^1 + 15^1 = 20 + 34 + 35 + 111 + 151 \\ 351 &:= 2^0 + 3^4 + 3^5 + 12^1 + 14^1 = 20 + 34 + 35 + 121 + 141 \\ 351 &:= 2^0 + 3^4 + 3^5 + 13^1 + 13^1 = 20 + 34 + 35 + 131 + 131 \\ 351 &:= 2^0 + 3^4 + 3^5 + 4^1 + 22^1 = 20 + 34 + 35 + 41 + 221 \\ 351 &:= 2^0 + 3^4 + 3^5 + 5^1 + 21^1 = 20 + 34 + 35 + 51 + 211 \\ 351 &:= 2^0 + 3^4 + 3^5 + 5^2 + 21^0 = 20 + 34 + 35 + 52 + 210 \\ 351 &:= 2^0 + 3^4 + 3^5 + 6^1 + 20^1 = 20 + 34 + 35 + 61 + 201 \\ 351 &:= 2^0 + 3^4 + 3^5 + 7^1 + 19^1 = 20 + 34 + 35 + 71 + 191 \\ 351 &:= 2^0 + 3^4 + 3^5 + 8^1 + 18^1 = 20 + 34 + 35 + 81 + 181 \\ 351 &:= 2^0 + 3^4 + 3^5 + 9^1 + 17^1 = 20 + 34 + 35 + 91 + 171 \\ 351 &:= 2^0 + 3^4 + 5^3 + 5^3 + 19^1 = 20 + 34 + 53 + 53 + 191 \\ 351 &:= 2^1 + 2^5 + 3^3 + 10^0 + 17^2 = 21 + 25 + 33 + 100 + 172 \\ 351 &:= 2^1 + 2^5 + 6^3 + 10^2 + 14^0 = 21 + 25 + 63 + 102 + 140 \\ 351 &:= 2^2 + 2^5 + 5^2 + 8^0 + 17^2 = 22 + 25 + 52 + 80 + 172 \\ 351 &:= 2^2 + 3^4 + 4^4 + 9^1 + 16^0 = 22 + 34 + 44 + 91 + 160 \\ 351 &:= 2^2 + 3^4 + 6^3 + 7^2 + 16^0 = 22 + 34 + 63 + 72 + 160 \\ 351 &:= 2^3 + 2^7 + 2^7 + 4^3 + 23^1 = 23 + 27 + 27 + 43 + 231 \\ 351 &:= 2^3 + 3^4 + 6^2 + 8^0 + 15^2 = 23 + 34 + 62 + 80 + 152 \end{aligned}$$

$$\begin{aligned} 351 &:= 2^4 + 4^4 + 6^0 + 8^2 + 14^1 = 24 + 44 + 60 + 82 + 141 \\ 351 &:= 2^6 + 2^6 + 2^6 + 12^2 + 15^1 = 26 + 26 + 26 + 122 + 151 \\ 351 &:= 2^6 + 5^1 + 5^2 + 6^0 + 16^2 = 26 + 51 + 52 + 60 + 162 \\ 351 &:= 2^7 + 3^0 + 5^1 + 6^3 + 18^0 = 27 + 30 + 51 + 63 + 180 \\ 351 &:= 2^7 + 3^0 + 5^2 + 10^0 + 14^2 = 27 + 30 + 52 + 100 + 142 \\ 351 &:= 2^7 + 3^0 + 8^0 + 10^2 + 11^2 = 27 + 30 + 80 + 102 + 112 \\ 351 &:= 2^7 + 4^0 + 5^1 + 6^3 + 17^0 = 27 + 40 + 51 + 63 + 170 \\ 351 &:= 2^7 + 4^0 + 5^2 + 9^0 + 14^2 = 27 + 40 + 52 + 90 + 142 \\ 351 &:= 2^7 + 4^0 + 7^0 + 10^2 + 11^2 = 27 + 40 + 70 + 102 + 112 \\ 351 &:= 2^7 + 5^0 + 5^1 + 6^3 + 16^0 = 27 + 50 + 51 + 63 + 160 \\ 351 &:= 2^7 + 5^0 + 5^2 + 8^0 + 14^2 = 27 + 50 + 52 + 80 + 142 \\ 351 &:= 2^7 + 5^0 + 6^0 + 10^2 + 11^2 = 27 + 50 + 60 + 102 + 112 \\ 351 &:= 2^7 + 5^1 + 6^0 + 6^3 + 15^0 = 27 + 51 + 60 + 63 + 150 \\ 351 &:= 2^7 + 5^1 + 6^3 + 10^0 + 11^0 = 27 + 51 + 63 + 100 + 110 \\ 351 &:= 2^7 + 5^1 + 6^3 + 7^0 + 14^0 = 27 + 51 + 63 + 70 + 140 \\ 351 &:= 2^7 + 5^1 + 6^3 + 8^0 + 13^0 = 27 + 51 + 63 + 80 + 130 \\ 351 &:= 2^7 + 5^1 + 6^3 + 9^0 + 12^0 = 27 + 51 + 63 + 90 + 120 \\ 351 &:= 2^7 + 5^2 + 6^0 + 7^0 + 14^2 = 27 + 52 + 60 + 70 + 142 \\ 351 &:= 2^8 + 3^0 + 8^0 + 9^2 + 12^1 = 28 + 30 + 80 + 92 + 121 \\ 351 &:= 2^8 + 4^0 + 7^0 + 9^2 + 12^1 = 28 + 40 + 70 + 92 + 121 \\ 351 &:= 2^8 + 5^0 + 6^0 + 9^2 + 12^1 = 28 + 50 + 60 + 92 + 121 \\ 351 &:= 3^0 + 3^4 + 3^5 + 5^2 + 20^0 = 30 + 34 + 35 + 52 + 200 \\ 351 &:= 3^1 + 3^3 + 4^3 + 4^4 + 20^0 = 31 + 33 + 43 + 44 + 200 \\ 351 &:= 3^2 + 3^4 + 4^1 + 4^4 + 20^0 = 32 + 34 + 41 + 44 + 200 \\ 351 &:= 3^2 + 3^4 + 4^3 + 10^0 + 14^2 = 32 + 34 + 43 + 100 + 142 \\ 351 &:= 3^2 + 3^5 + 7^2 + 7^2 + 14^0 = 32 + 35 + 72 + 72 + 140 \\ 351 &:= 3^3 + 3^4 + 6^0 + 11^2 + 11^2 = 33 + 34 + 60 + 112 + 112 \\ 351 &:= 3^3 + 3^5 + 4^0 + 8^2 + 16^1 = 33 + 35 + 40 + 82 + 161 \\ 351 &:= 3^4 + 3^5 + 4^0 + 5^2 + 19^0 = 34 + 35 + 40 + 52 + 190 \\ 351 &:= 3^4 + 3^5 + 5^0 + 5^2 + 18^0 = 34 + 35 + 50 + 52 + 180 \\ 351 &:= 3^4 + 3^5 + 5^2 + 10^0 + 13^0 = 34 + 35 + 52 + 100 + 130 \\ 351 &:= 3^4 + 3^5 + 5^2 + 11^0 + 12^0 = 34 + 35 + 52 + 110 + 120 \\ 351 &:= 3^4 + 3^5 + 5^2 + 6^0 + 17^0 = 34 + 35 + 52 + 60 + 170 \\ 351 &:= 3^4 + 3^5 + 5^2 + 7^0 + 16^0 = 34 + 35 + 52 + 70 + 160 \\ 351 &:= 3^4 + 3^5 + 5^2 + 8^0 + 15^0 = 34 + 35 + 52 + 80 + 150 \\ 351 &:= 3^4 + 3^5 + 5^2 + 9^0 + 14^0 = 34 + 35 + 52 + 90 + 140 \\ 351 &:= 3^4 + 4^3 + 6^2 + 8^0 + 13^2 = 34 + 43 + 62 + 80 + 132 \\ 351 &:= 3^5 + 4^0 + 4^3 + 5^2 + 18^1 = 35 + 40 + 43 + 52 + 181 \end{aligned}$$

$$351 := 3^5 + 4^3 + 6^2 + 7^1 + 14^0 = 35 + 43 + 62 + 71 + 140$$
$$351 := 4^3 + 5^3 + 5^3 + 6^2 + 14^0 = 43 + 53 + 53 + 62 + 140$$

2.2.253 Number 352

$$352 := 1^2 + 3^4 + 3^5 + 27^1 = 12 + 34 + 35 + 271$$
$$352 := 1^5 + 3^4 + 14^1 + 16^2 = 15 + 34 + 141 + 162$$
$$352 := 1^7 + 4^2 + 11^1 + 18^2 = 17 + 42 + 111 + 182$$
$$352 := 1^7 + 5^3 + 13^0 + 15^2 = 17 + 53 + 130 + 152$$
$$352 := 1^8 + 7^1 + 7^3 + 19^0 = 18 + 71 + 73 + 190$$
$$352 := 2^5 + 3^4 + 14^1 + 15^2 = 25 + 34 + 141 + 152$$
$$352 := 2^7 + 3^3 + 14^2 + 15^0 = 27 + 33 + 142 + 150$$
$$352 := 3^3 + 3^4 + 3^5 + 25^0 = 33 + 34 + 35 + 250$$
$$352 := 1^0 + 1^2 + 3^4 + 3^5 + 26^1 = 10 + 12 + 34 + 35 + 261$$
$$352 := 1^0 + 1^5 + 3^4 + 13^1 + 16^2 = 10 + 15 + 34 + 131 + 162$$
$$352 := 1^0 + 1^6 + 9^2 + 10^2 + 13^2 = 10 + 16 + 92 + 102 + 132$$
$$352 := 1^0 + 1^7 + 4^2 + 10^1 + 18^2 = 10 + 17 + 42 + 101 + 182$$
$$352 := 1^0 + 1^8 + 5^2 + 9^0 + 18^2 = 10 + 18 + 52 + 90 + 182$$
$$352 := 1^0 + 1^8 + 6^1 + 7^3 + 19^0 = 10 + 18 + 61 + 73 + 190$$
$$352 := 1^0 + 2^5 + 3^4 + 13^1 + 15^2 = 10 + 25 + 34 + 131 + 152$$
$$352 := 1^1 + 1^1 + 3^4 + 3^5 + 26^1 = 11 + 11 + 34 + 35 + 261$$
$$352 := 1^1 + 1^4 + 3^4 + 13^1 + 16^2 = 11 + 14 + 34 + 131 + 162$$
$$352 := 1^1 + 1^5 + 9^2 + 10^2 + 13^2 = 11 + 15 + 92 + 102 + 132$$
$$352 := 1^1 + 1^6 + 4^2 + 10^1 + 18^2 = 11 + 16 + 42 + 101 + 182$$
$$352 := 1^1 + 1^7 + 5^2 + 9^0 + 18^2 = 11 + 17 + 52 + 90 + 182$$
$$352 := 1^1 + 1^7 + 6^1 + 7^3 + 19^0 = 11 + 17 + 61 + 73 + 190$$
$$352 := 1^1 + 2^1 + 3^4 + 3^5 + 25^1 = 11 + 21 + 34 + 35 + 251$$
$$352 := 1^1 + 2^3 + 3^5 + 9^2 + 19^1 = 11 + 23 + 35 + 92 + 191$$
$$352 := 1^1 + 2^3 + 4^3 + 4^4 + 23^1 = 11 + 23 + 43 + 44 + 231$$
$$352 := 1^1 + 2^7 + 6^1 + 6^3 + 19^0 = 11 + 27 + 61 + 63 + 190$$
$$352 := 1^1 + 2^8 + 9^0 + 9^2 + 13^1 = 11 + 28 + 90 + 92 + 131$$
$$352 := 1^1 + 3^1 + 3^4 + 3^5 + 24^1 = 11 + 31 + 34 + 35 + 241$$
$$352 := 1^1 + 3^4 + 3^5 + 10^1 + 17^1 = 11 + 34 + 35 + 101 + 171$$
$$352 := 1^1 + 3^4 + 3^5 + 11^1 + 16^1 = 11 + 34 + 35 + 111 + 161$$
$$352 := 1^1 + 3^4 + 3^5 + 12^1 + 15^1 = 11 + 34 + 35 + 121 + 151$$
$$352 := 1^1 + 3^4 + 3^5 + 13^1 + 14^1 = 11 + 34 + 35 + 131 + 141$$
$$352 := 1^1 + 3^4 + 3^5 + 4^1 + 23^1 = 11 + 34 + 35 + 41 + 231$$
$$352 := 1^1 + 3^4 + 3^5 + 5^1 + 22^1 = 11 + 34 + 35 + 51 + 221$$
$$352 := 1^1 + 3^4 + 3^5 + 6^1 + 21^1 = 11 + 34 + 35 + 61 + 211$$

$$352 := 1^1 + 3^4 + 3^5 + 7^1 + 20^1 = 11 + 34 + 35 + 71 + 201$$
$$352 := 1^1 + 3^4 + 3^5 + 8^1 + 19^1 = 11 + 34 + 35 + 81 + 191$$
$$352 := 1^1 + 3^4 + 3^5 + 9^1 + 18^1 = 11 + 34 + 35 + 91 + 181$$
$$352 := 1^1 + 3^4 + 5^3 + 5^3 + 20^1 = 11 + 34 + 53 + 53 + 201$$
$$352 := 1^2 + 1^3 + 3^4 + 13^1 + 16^2 = 12 + 13 + 34 + 131 + 162$$
$$352 := 1^2 + 1^4 + 9^2 + 10^2 + 13^2 = 12 + 14 + 92 + 102 + 132$$
$$352 := 1^2 + 1^5 + 4^2 + 10^1 + 18^2 = 12 + 15 + 42 + 101 + 182$$
$$352 := 1^2 + 1^6 + 5^2 + 9^0 + 18^2 = 12 + 16 + 52 + 90 + 182$$
$$352 := 1^2 + 1^6 + 6^1 + 7^3 + 19^0 = 12 + 16 + 61 + 73 + 190$$
$$352 := 1^2 + 2^5 + 6^1 + 12^2 + 13^2 = 12 + 25 + 61 + 122 + 132$$
$$352 := 1^2 + 3^2 + 3^5 + 9^2 + 18^1 = 12 + 32 + 35 + 92 + 181$$
$$352 := 1^2 + 3^2 + 4^3 + 4^4 + 22^1 = 12 + 32 + 43 + 44 + 221$$
$$352 := 1^2 + 3^3 + 4^4 + 7^2 + 19^1 = 12 + 33 + 44 + 72 + 191$$
$$352 := 1^2 + 3^4 + 6^2 + 6^3 + 18^1 = 12 + 34 + 62 + 63 + 181$$
$$352 := 1^3 + 1^3 + 9^2 + 10^2 + 13^2 = 13 + 13 + 92 + 102 + 132$$
$$352 := 1^3 + 1^4 + 4^2 + 10^1 + 18^2 = 13 + 14 + 42 + 101 + 182$$
$$352 := 1^3 + 1^5 + 5^2 + 9^0 + 18^2 = 13 + 15 + 52 + 90 + 182$$
$$352 := 1^3 + 1^5 + 6^1 + 7^3 + 19^0 = 13 + 15 + 61 + 73 + 190$$
$$352 := 1^3 + 2^3 + 2^3 + 11^1 + 18^2 = 13 + 23 + 23 + 111 + 182$$
$$352 := 1^3 + 3^3 + 6^2 + 12^2 + 12^2 = 13 + 33 + 62 + 122 + 122$$
$$352 := 1^3 + 3^3 + 8^2 + 8^2 + 14^2 = 13 + 33 + 82 + 82 + 142$$
$$352 := 1^3 + 3^4 + 4^4 + 13^0 + 13^1 = 13 + 34 + 44 + 130 + 131$$
$$352 := 1^3 + 3^4 + 5^3 + 12^2 + 13^0 = 13 + 34 + 53 + 122 + 130$$
$$352 := 1^3 + 3^4 + 6^2 + 9^1 + 15^2 = 13 + 34 + 62 + 91 + 152$$
$$352 := 1^4 + 1^4 + 5^2 + 9^0 + 18^2 = 14 + 14 + 52 + 90 + 182$$
$$352 := 1^4 + 1^4 + 6^1 + 7^3 + 19^0 = 14 + 14 + 61 + 73 + 190$$
$$352 := 1^4 + 2^1 + 3^4 + 12^1 + 16^2 = 14 + 21 + 34 + 121 + 162$$
$$352 := 1^4 + 2^3 + 3^2 + 10^1 + 18^2 = 14 + 23 + 32 + 101 + 182$$
$$352 := 1^4 + 2^3 + 5^1 + 13^2 + 13^2 = 14 + 23 + 51 + 132 + 132$$
$$352 := 1^4 + 2^3 + 6^1 + 9^2 + 16^2 = 14 + 23 + 61 + 92 + 162$$
$$352 := 1^4 + 3^1 + 3^4 + 11^1 + 16^2 = 14 + 31 + 34 + 111 + 162$$
$$352 := 1^4 + 3^2 + 5^2 + 11^2 + 14^2 = 14 + 32 + 52 + 112 + 142$$
$$352 := 1^4 + 3^2 + 5^3 + 6^3 + 19^0 = 14 + 32 + 53 + 63 + 190$$
$$352 := 1^4 + 3^2 + 6^2 + 9^2 + 15^2 = 14 + 32 + 62 + 92 + 152$$

$$\begin{aligned} 352 &:= 1^4 + 3^4 + 4^1 + 10^1 + 16^2 = 14 + 34 + 41 + 101 + 162 \\ 352 &:= 1^4 + 3^4 + 5^1 + 9^1 + 16^2 = 14 + 34 + 51 + 91 + 162 \\ 352 &:= 1^4 + 3^4 + 6^1 + 8^1 + 16^2 = 14 + 34 + 61 + 81 + 162 \\ 352 &:= 1^4 + 3^4 + 7^0 + 10^2 + 13^2 = 14 + 34 + 70 + 102 + 132 \\ 352 &:= 1^4 + 3^4 + 7^1 + 7^1 + 16^2 = 14 + 34 + 71 + 71 + 162 \\ 352 &:= 1^4 + 3^5 + 7^1 + 10^2 + 13^0 = 14 + 35 + 71 + 102 + 130 \\ 352 &:= 1^4 + 5^3 + 5^3 + 10^2 + 13^0 = 14 + 53 + 53 + 102 + 130 \\ 352 &:= 1^4 + 5^3 + 7^2 + 8^1 + 13^2 = 14 + 53 + 72 + 81 + 132 \\ 352 &:= 1^5 + 2^1 + 6^2 + 12^2 + 13^2 = 15 + 21 + 62 + 122 + 132 \\ 352 &:= 1^5 + 2^4 + 3^0 + 10^1 + 18^2 = 15 + 24 + 30 + 101 + 182 \\ 352 &:= 1^5 + 3^2 + 3^2 + 9^1 + 18^2 = 15 + 32 + 32 + 91 + 182 \\ 352 &:= 1^5 + 3^2 + 4^1 + 13^2 + 13^2 = 15 + 32 + 41 + 132 + 132 \\ 352 &:= 1^5 + 3^2 + 5^1 + 9^2 + 16^2 = 15 + 32 + 51 + 92 + 162 \\ 352 &:= 1^5 + 4^4 + 7^0 + 9^2 + 13^1 = 15 + 44 + 70 + 92 + 131 \\ 352 &:= 1^5 + 5^3 + 6^3 + 9^1 + 13^0 = 15 + 53 + 63 + 91 + 130 \\ 352 &:= 1^5 + 5^3 + 7^0 + 9^2 + 12^2 = 15 + 53 + 70 + 92 + 122 \\ 352 &:= 1^6 + 2^1 + 4^2 + 9^1 + 18^2 = 16 + 21 + 42 + 91 + 182 \\ 352 &:= 1^6 + 2^2 + 3^1 + 7^3 + 21^0 = 16 + 22 + 31 + 73 + 210 \\ 352 &:= 1^6 + 2^2 + 5^0 + 11^2 + 15^2 = 16 + 22 + 50 + 112 + 152 \\ 352 &:= 1^6 + 3^0 + 5^2 + 10^2 + 15^2 = 16 + 30 + 52 + 102 + 152 \\ 352 &:= 1^6 + 3^0 + 6^3 + 11^2 + 13^1 = 16 + 30 + 63 + 112 + 131 \\ 352 &:= 1^6 + 3^1 + 4^2 + 8^1 + 18^2 = 16 + 31 + 42 + 81 + 182 \\ 352 &:= 1^6 + 4^1 + 4^2 + 7^1 + 18^2 = 16 + 41 + 42 + 71 + 182 \\ 352 &:= 1^6 + 4^2 + 5^1 + 6^1 + 18^2 = 16 + 42 + 51 + 61 + 182 \\ 352 &:= 1^6 + 5^0 + 5^2 + 6^2 + 17^2 = 16 + 50 + 52 + 62 + 172 \\ 352 &:= 1^7 + 2^1 + 5^1 + 7^3 + 19^0 = 17 + 21 + 51 + 73 + 190 \\ 352 &:= 1^7 + 3^0 + 4^1 + 11^2 + 15^2 = 17 + 30 + 41 + 112 + 152 \\ 352 &:= 1^7 + 3^1 + 4^1 + 7^3 + 19^0 = 17 + 31 + 41 + 73 + 190 \\ 352 &:= 1^8 + 2^0 + 5^2 + 8^0 + 18^2 = 18 + 20 + 52 + 80 + 182 \\ 352 &:= 1^8 + 2^0 + 6^1 + 7^3 + 18^0 = 18 + 20 + 61 + 73 + 180 \\ 352 &:= 1^8 + 3^0 + 5^2 + 7^0 + 18^2 = 18 + 30 + 52 + 70 + 182 \\ 352 &:= 1^8 + 3^0 + 6^1 + 7^3 + 17^0 = 18 + 30 + 61 + 73 + 170 \\ 352 &:= 1^8 + 4^0 + 5^2 + 6^0 + 18^2 = 18 + 40 + 52 + 60 + 182 \\ 352 &:= 1^8 + 4^0 + 6^1 + 7^3 + 16^0 = 18 + 40 + 61 + 73 + 160 \\ 352 &:= 1^8 + 5^0 + 5^0 + 5^2 + 18^2 = 18 + 50 + 50 + 52 + 182 \\ 352 &:= 1^8 + 5^0 + 6^1 + 7^3 + 15^0 = 18 + 50 + 61 + 73 + 150 \\ 352 &:= 1^8 + 6^0 + 6^1 + 7^3 + 14^0 = 18 + 60 + 61 + 73 + 140 \\ 352 &:= 1^8 + 6^1 + 7^0 + 7^3 + 13^0 = 18 + 61 + 70 + 73 + 130 \end{aligned}$$

$$\begin{aligned} 352 &:= 1^8 + 6^1 + 7^3 + 10^0 + 10^0 = 18 + 61 + 73 + 100 + 100 \\ 352 &:= 1^8 + 6^1 + 7^3 + 8^0 + 12^0 = 18 + 61 + 73 + 80 + 120 \\ 352 &:= 1^8 + 6^1 + 7^3 + 9^0 + 11^0 = 18 + 61 + 73 + 90 + 110 \\ 352 &:= 1^9 + 1^9 + 5^2 + 8^0 + 18^2 = 19 + 19 + 52 + 80 + 182 \\ 352 &:= 1^9 + 1^9 + 6^1 + 7^3 + 18^0 = 19 + 19 + 61 + 73 + 180 \\ 352 &:= 1^9 + 2^8 + 3^4 + 13^1 + 14^0 = 19 + 28 + 34 + 131 + 140 \\ 352 &:= 2^1 + 2^1 + 3^4 + 3^5 + 24^1 = 21 + 21 + 34 + 35 + 241 \\ 352 &:= 2^1 + 2^3 + 3^5 + 9^2 + 18^1 = 21 + 23 + 35 + 92 + 181 \\ 352 &:= 2^1 + 2^3 + 4^3 + 4^4 + 22^1 = 21 + 23 + 43 + 44 + 221 \\ 352 &:= 2^1 + 2^5 + 7^2 + 10^2 + 13^2 = 21 + 25 + 72 + 102 + 132 \\ 352 &:= 2^1 + 2^7 + 5^1 + 6^3 + 19^0 = 21 + 27 + 51 + 63 + 190 \\ 352 &:= 2^1 + 2^7 + 5^2 + 11^0 + 14^2 = 21 + 27 + 52 + 110 + 142 \\ 352 &:= 2^1 + 2^7 + 9^0 + 10^2 + 11^2 = 21 + 27 + 90 + 102 + 112 \\ 352 &:= 2^1 + 2^8 + 9^0 + 9^2 + 12^1 = 21 + 28 + 90 + 92 + 121 \\ 352 &:= 2^1 + 3^1 + 3^4 + 3^5 + 23^1 = 21 + 31 + 34 + 35 + 231 \\ 352 &:= 2^1 + 3^4 + 3^5 + 10^1 + 16^1 = 21 + 34 + 35 + 101 + 161 \\ 352 &:= 2^1 + 3^4 + 3^5 + 11^1 + 15^1 = 21 + 34 + 35 + 111 + 151 \\ 352 &:= 2^1 + 3^4 + 3^5 + 12^1 + 14^1 = 21 + 34 + 35 + 121 + 141 \\ 352 &:= 2^1 + 3^4 + 3^5 + 13^1 + 13^1 = 21 + 34 + 35 + 131 + 131 \\ 352 &:= 2^1 + 3^4 + 3^5 + 4^1 + 22^1 = 21 + 34 + 35 + 41 + 221 \\ 352 &:= 2^1 + 3^4 + 3^5 + 5^1 + 21^1 = 21 + 34 + 35 + 51 + 211 \\ 352 &:= 2^1 + 3^4 + 3^5 + 5^2 + 21^0 = 21 + 34 + 35 + 52 + 210 \\ 352 &:= 2^1 + 3^4 + 3^5 + 6^1 + 20^1 = 21 + 34 + 35 + 61 + 201 \\ 352 &:= 2^1 + 3^4 + 3^5 + 7^1 + 19^1 = 21 + 34 + 35 + 71 + 191 \\ 352 &:= 2^1 + 3^4 + 3^5 + 8^1 + 18^1 = 21 + 34 + 35 + 81 + 181 \\ 352 &:= 2^1 + 3^4 + 3^5 + 9^1 + 17^1 = 21 + 34 + 35 + 91 + 171 \\ 352 &:= 2^1 + 3^4 + 5^3 + 5^3 + 19^1 = 21 + 34 + 53 + 53 + 191 \\ 352 &:= 2^2 + 2^4 + 5^3 + 11^1 + 14^2 = 22 + 24 + 53 + 111 + 142 \\ 352 &:= 2^2 + 2^4 + 6^2 + 10^2 + 14^2 = 22 + 24 + 62 + 102 + 142 \\ 352 &:= 2^2 + 3^0 + 3^4 + 3^5 + 23^1 = 22 + 30 + 34 + 35 + 231 \\ 352 &:= 2^2 + 3^3 + 4^3 + 4^4 + 21^0 = 22 + 33 + 43 + 44 + 210 \\ 352 &:= 2^2 + 3^5 + 5^2 + 8^2 + 16^1 = 22 + 35 + 52 + 82 + 161 \\ 352 &:= 2^3 + 3^1 + 3^5 + 9^2 + 17^1 = 23 + 31 + 35 + 92 + 171 \\ 352 &:= 2^3 + 3^1 + 4^3 + 4^4 + 21^1 = 23 + 31 + 43 + 44 + 211 \\ 352 &:= 2^3 + 3^4 + 4^4 + 6^1 + 19^0 = 23 + 34 + 44 + 61 + 190 \\ 352 &:= 2^3 + 3^5 + 4^1 + 9^2 + 16^1 = 23 + 35 + 41 + 92 + 161 \\ 352 &:= 2^3 + 3^5 + 5^1 + 9^2 + 15^1 = 23 + 35 + 51 + 92 + 151 \\ 352 &:= 2^3 + 3^5 + 6^1 + 9^2 + 14^1 = 23 + 35 + 61 + 92 + 141 \end{aligned}$$

$$\begin{aligned} 352 &:= 2^3 + 3^5 + 6^2 + 8^2 + 15^0 = 23 + 35 + 62 + 82 + 150 \\ 352 &:= 2^3 + 3^5 + 7^1 + 9^2 + 13^1 = 23 + 35 + 71 + 92 + 131 \\ 352 &:= 2^3 + 3^5 + 8^1 + 9^2 + 12^1 = 23 + 35 + 81 + 92 + 121 \\ 352 &:= 2^3 + 3^5 + 9^1 + 9^2 + 11^1 = 23 + 35 + 91 + 92 + 111 \\ 352 &:= 2^3 + 3^5 + 9^2 + 10^1 + 10^1 = 23 + 35 + 92 + 101 + 101 \\ 352 &:= 2^3 + 4^1 + 4^3 + 4^4 + 20^1 = 23 + 41 + 43 + 44 + 201 \\ 352 &:= 2^3 + 4^3 + 4^4 + 10^1 + 14^1 = 23 + 43 + 44 + 101 + 141 \\ 352 &:= 2^3 + 4^3 + 4^4 + 11^1 + 13^1 = 23 + 43 + 44 + 111 + 131 \\ 352 &:= 2^3 + 4^3 + 4^4 + 12^1 + 12^1 = 23 + 43 + 44 + 121 + 121 \\ 352 &:= 2^3 + 4^3 + 4^4 + 5^1 + 19^1 = 23 + 43 + 44 + 51 + 191 \\ 352 &:= 2^3 + 4^3 + 4^4 + 6^1 + 18^1 = 23 + 43 + 44 + 61 + 181 \\ 352 &:= 2^3 + 4^3 + 4^4 + 7^1 + 17^1 = 23 + 43 + 44 + 71 + 171 \\ 352 &:= 2^3 + 4^3 + 4^4 + 8^1 + 16^1 = 23 + 43 + 44 + 81 + 161 \\ 352 &:= 2^3 + 4^3 + 4^4 + 9^1 + 15^1 = 23 + 43 + 44 + 91 + 151 \\ 352 &:= 2^3 + 4^3 + 5^3 + 11^1 + 12^2 = 23 + 43 + 53 + 111 + 122 \\ 352 &:= 2^3 + 4^3 + 6^2 + 10^2 + 12^2 = 23 + 43 + 62 + 102 + 122 \\ 352 &:= 2^3 + 4^3 + 6^3 + 7^2 + 15^1 = 23 + 43 + 63 + 72 + 151 \\ 352 &:= 2^3 + 4^4 + 6^2 + 6^2 + 16^1 = 23 + 44 + 62 + 62 + 161 \\ 352 &:= 2^3 + 5^3 + 5^3 + 9^2 + 13^1 = 23 + 53 + 53 + 92 + 131 \\ 352 &:= 2^4 + 3^5 + 9^0 + 9^2 + 11^1 = 24 + 35 + 90 + 92 + 111 \\ 352 &:= 2^4 + 4^3 + 4^4 + 9^0 + 15^1 = 24 + 43 + 44 + 90 + 151 \\ 352 &:= 2^5 + 3^2 + 5^1 + 9^2 + 15^2 = 25 + 32 + 51 + 92 + 152 \\ 352 &:= 2^5 + 3^2 + 6^1 + 7^2 + 16^2 = 25 + 32 + 61 + 72 + 162 \\ 352 &:= 2^5 + 3^3 + 6^2 + 7^0 + 16^2 = 25 + 33 + 62 + 70 + 162 \\ 352 &:= 2^5 + 4^4 + 7^0 + 7^2 + 14^1 = 25 + 44 + 70 + 72 + 141 \\ 352 &:= 2^5 + 5^2 + 5^3 + 9^0 + 13^2 = 25 + 52 + 53 + 90 + 132 \\ 352 &:= 2^6 + 3^3 + 4^1 + 9^0 + 16^2 = 26 + 33 + 41 + 90 + 162 \\ 352 &:= 2^6 + 6^3 + 7^1 + 8^2 + 11^0 = 26 + 63 + 71 + 82 + 110 \\ 352 &:= 2^7 + 3^0 + 4^2 + 11^1 + 14^2 = 27 + 30 + 42 + 111 + 142 \\ 352 &:= 2^7 + 3^1 + 4^1 + 6^3 + 19^0 = 27 + 31 + 41 + 63 + 190 \\ 352 &:= 2^7 + 5^1 + 7^0 + 7^2 + 13^2 = 27 + 51 + 70 + 72 + 132 \\ 352 &:= 2^8 + 3^1 + 9^0 + 9^2 + 11^1 = 28 + 31 + 90 + 92 + 111 \\ 352 &:= 2^8 + 4^1 + 9^0 + 9^2 + 10^1 = 28 + 41 + 90 + 92 + 101 \\ 352 &:= 2^8 + 5^1 + 9^0 + 9^1 + 9^2 = 28 + 51 + 90 + 91 + 92 \\ 352 &:= 2^8 + 6^1 + 8^1 + 9^0 + 9^2 = 28 + 61 + 81 + 90 + 92 \\ 352 &:= 2^8 + 7^1 + 7^1 + 9^0 + 9^2 = 28 + 71 + 71 + 90 + 92 \\ 352 &:= 3^1 + 3^1 + 3^4 + 3^5 + 22^1 = 31 + 31 + 34 + 35 + 221 \\ 352 &:= 3^1 + 3^4 + 3^5 + 10^1 + 15^1 = 31 + 34 + 35 + 101 + 151 \end{aligned}$$

$$\begin{aligned} 352 &:= 3^1 + 3^4 + 3^5 + 11^1 + 14^1 = 31 + 34 + 35 + 111 + 141 \\ 352 &:= 3^1 + 3^4 + 3^5 + 12^1 + 13^1 = 31 + 34 + 35 + 121 + 131 \\ 352 &:= 3^1 + 3^4 + 3^5 + 4^1 + 21^1 = 31 + 34 + 35 + 41 + 211 \\ 352 &:= 3^1 + 3^4 + 3^5 + 5^1 + 20^1 = 31 + 34 + 35 + 51 + 201 \\ 352 &:= 3^1 + 3^4 + 3^5 + 6^1 + 19^1 = 31 + 34 + 35 + 61 + 191 \\ 352 &:= 3^1 + 3^4 + 3^5 + 7^1 + 18^1 = 31 + 34 + 35 + 71 + 181 \\ 352 &:= 3^1 + 3^4 + 3^5 + 8^1 + 17^1 = 31 + 34 + 35 + 81 + 171 \\ 352 &:= 3^1 + 3^4 + 3^5 + 9^1 + 16^1 = 31 + 34 + 35 + 91 + 161 \\ 352 &:= 3^1 + 3^4 + 5^3 + 5^3 + 18^1 = 31 + 34 + 53 + 53 + 181 \\ 352 &:= 3^2 + 3^3 + 3^4 + 10^1 + 15^2 = 32 + 33 + 34 + 101 + 152 \\ 352 &:= 3^2 + 3^4 + 3^5 + 7^0 + 18^1 = 32 + 34 + 35 + 70 + 181 \\ 352 &:= 3^2 + 3^4 + 9^2 + 9^2 + 10^2 = 32 + 34 + 92 + 92 + 102 \\ 352 &:= 3^2 + 3^5 + 6^2 + 7^2 + 15^1 = 32 + 35 + 62 + 72 + 151 \\ 352 &:= 3^3 + 3^3 + 4^3 + 9^1 + 15^2 = 33 + 33 + 43 + 91 + 152 \\ 352 &:= 3^3 + 3^5 + 4^3 + 7^0 + 17^1 = 33 + 35 + 43 + 70 + 171 \\ 352 &:= 3^3 + 4^2 + 4^4 + 6^2 + 17^1 = 33 + 42 + 44 + 62 + 171 \\ 352 &:= 3^3 + 4^3 + 6^2 + 9^2 + 12^2 = 33 + 43 + 62 + 92 + 122 \\ 352 &:= 3^4 + 3^5 + 4^1 + 10^1 + 14^1 = 34 + 35 + 41 + 101 + 141 \\ 352 &:= 3^4 + 3^5 + 4^1 + 11^1 + 13^1 = 34 + 35 + 41 + 111 + 131 \\ 352 &:= 3^4 + 3^5 + 4^1 + 12^1 + 12^1 = 34 + 35 + 41 + 121 + 121 \\ 352 &:= 3^4 + 3^5 + 4^1 + 4^1 + 20^1 = 34 + 35 + 41 + 41 + 201 \\ 352 &:= 3^4 + 3^5 + 4^1 + 5^1 + 19^1 = 34 + 35 + 41 + 51 + 191 \\ 352 &:= 3^4 + 3^5 + 4^1 + 6^1 + 18^1 = 34 + 35 + 41 + 61 + 181 \\ 352 &:= 3^4 + 3^5 + 4^1 + 7^1 + 17^1 = 34 + 35 + 41 + 71 + 171 \\ 352 &:= 3^4 + 3^5 + 4^1 + 8^1 + 16^1 = 34 + 35 + 41 + 81 + 161 \\ 352 &:= 3^4 + 3^5 + 4^1 + 9^1 + 15^1 = 34 + 35 + 41 + 91 + 151 \\ 352 &:= 3^4 + 3^5 + 4^2 + 11^1 + 13^0 = 34 + 35 + 42 + 111 + 130 \\ 352 &:= 3^4 + 3^5 + 5^1 + 10^1 + 13^1 = 34 + 35 + 51 + 101 + 131 \\ 352 &:= 3^4 + 3^5 + 5^1 + 11^1 + 12^1 = 34 + 35 + 51 + 111 + 121 \\ 352 &:= 3^4 + 3^5 + 5^1 + 5^1 + 18^1 = 34 + 35 + 51 + 51 + 181 \\ 352 &:= 3^4 + 3^5 + 5^1 + 6^1 + 17^1 = 34 + 35 + 51 + 61 + 171 \\ 352 &:= 3^4 + 3^5 + 5^1 + 7^1 + 16^1 = 34 + 35 + 51 + 71 + 161 \\ 352 &:= 3^4 + 3^5 + 5^1 + 8^1 + 15^1 = 34 + 35 + 51 + 81 + 151 \\ 352 &:= 3^4 + 3^5 + 5^1 + 9^1 + 14^1 = 34 + 35 + 51 + 91 + 141 \\ 352 &:= 3^4 + 3^5 + 6^1 + 10^1 + 12^1 = 34 + 35 + 61 + 101 + 121 \\ 352 &:= 3^4 + 3^5 + 6^1 + 11^1 + 11^1 = 34 + 35 + 61 + 111 + 111 \\ 352 &:= 3^4 + 3^5 + 6^1 + 6^1 + 16^1 = 34 + 35 + 61 + 61 + 161 \\ 352 &:= 3^4 + 3^5 + 6^1 + 7^1 + 15^1 = 34 + 35 + 61 + 71 + 151 \end{aligned}$$

$$\begin{aligned}
 352 &:= 3^4 + 3^5 + 6^1 + 8^1 + 14^1 = 34 + 35 + 61 + 81 + 141 \\
 352 &:= 3^4 + 3^5 + 6^1 + 9^1 + 13^1 = 34 + 35 + 61 + 91 + 131 \\
 352 &:= 3^4 + 3^5 + 7^1 + 10^1 + 11^1 = 34 + 35 + 71 + 101 + 111 \\
 352 &:= 3^4 + 3^5 + 7^1 + 7^1 + 14^1 = 34 + 35 + 71 + 71 + 141 \\
 352 &:= 3^4 + 3^5 + 7^1 + 8^1 + 13^1 = 34 + 35 + 71 + 81 + 131 \\
 352 &:= 3^4 + 3^5 + 7^1 + 9^1 + 12^1 = 34 + 35 + 71 + 91 + 121 \\
 352 &:= 3^4 + 3^5 + 8^1 + 10^1 + 10^1 = 34 + 35 + 81 + 101 + 101 \\
 352 &:= 3^4 + 3^5 + 8^1 + 8^1 + 12^1 = 34 + 35 + 81 + 81 + 121 \\
 352 &:= 3^4 + 3^5 + 8^1 + 9^1 + 11^1 = 34 + 35 + 81 + 91 + 111 \\
 352 &:= 3^4 + 3^5 + 9^1 + 9^1 + 10^1 = 34 + 35 + 91 + 91 + 101 \\
 352 &:= 3^4 + 4^1 + 5^3 + 5^3 + 17^1 = 34 + 41 + 53 + 53 + 171
 \end{aligned}$$

$$\begin{aligned}
 352 &:= 3^4 + 4^3 + 5^3 + 9^2 + 13^0 = 34 + 43 + 53 + 92 + 130 \\
 352 &:= 3^4 + 4^3 + 7^1 + 10^2 + 10^2 = 34 + 43 + 71 + 102 + 102 \\
 352 &:= 3^4 + 5^1 + 5^3 + 5^3 + 16^1 = 34 + 51 + 53 + 53 + 161 \\
 352 &:= 3^4 + 5^2 + 5^2 + 10^2 + 11^2 = 34 + 52 + 52 + 102 + 112 \\
 352 &:= 3^4 + 5^3 + 5^3 + 10^1 + 11^1 = 34 + 53 + 53 + 101 + 111 \\
 352 &:= 3^4 + 5^3 + 5^3 + 6^1 + 15^1 = 34 + 53 + 53 + 61 + 151 \\
 352 &:= 3^4 + 5^3 + 5^3 + 7^1 + 14^1 = 34 + 53 + 53 + 71 + 141 \\
 352 &:= 3^4 + 5^3 + 5^3 + 8^1 + 13^1 = 34 + 53 + 53 + 81 + 131 \\
 352 &:= 3^4 + 5^3 + 5^3 + 9^1 + 12^1 = 34 + 53 + 53 + 91 + 121 \\
 352 &:= 3^4 + 5^3 + 6^2 + 10^1 + 10^2 = 34 + 53 + 62 + 101 + 102
 \end{aligned}$$

2.2.254 Number 353

$$\begin{aligned}
 353 &:= 1^7 + 2^3 + 7^3 + 24^0 = 17 + 23 + 73 + 240 \\
 353 &:= 1^8 + 3^3 + 12^0 + 18^2 = 18 + 33 + 120 + 182 \\
 353 &:= 1^9 + 7^3 + 8^1 + 18^0 = 19 + 73 + 81 + 180 \\
 353 &:= 2^3 + 2^7 + 6^3 + 24^0 = 23 + 27 + 63 + 240 \\
 353 &:= 2^5 + 2^6 + 14^0 + 16^2 = 25 + 26 + 140 + 162 \\
 353 &:= 2^8 + 3^4 + 14^0 + 15^1 = 28 + 34 + 140 + 151 \\
 353 &:= 1^0 + 1^8 + 5^3 + 12^0 + 15^2 = 10 + 18 + 53 + 120 + 152 \\
 353 &:= 1^0 + 1^9 + 7^1 + 7^3 + 18^0 = 10 + 19 + 71 + 73 + 180 \\
 353 &:= 1^0 + 2^8 + 3^4 + 14^0 + 14^1 = 10 + 28 + 34 + 140 + 141 \\
 353 &:= 1^1 + 1^7 + 5^3 + 12^0 + 15^2 = 11 + 17 + 53 + 120 + 152 \\
 353 &:= 1^1 + 1^8 + 7^1 + 7^3 + 18^0 = 11 + 18 + 71 + 73 + 180 \\
 353 &:= 1^1 + 2^7 + 3^3 + 14^0 + 14^2 = 11 + 27 + 33 + 140 + 142 \\
 353 &:= 1^1 + 3^3 + 3^4 + 3^5 + 24^0 = 11 + 33 + 34 + 35 + 240 \\
 353 &:= 1^2 + 1^6 + 5^3 + 12^0 + 15^2 = 12 + 16 + 53 + 120 + 152 \\
 353 &:= 1^2 + 1^7 + 7^1 + 7^3 + 18^0 = 12 + 17 + 71 + 73 + 180 \\
 353 &:= 1^2 + 2^7 + 6^3 + 7^1 + 18^0 = 12 + 27 + 63 + 71 + 180 \\
 353 &:= 1^2 + 2^8 + 8^0 + 9^2 + 14^1 = 12 + 28 + 80 + 92 + 141 \\
 353 &:= 1^3 + 1^5 + 5^3 + 12^0 + 15^2 = 13 + 15 + 53 + 120 + 152 \\
 353 &:= 1^3 + 1^6 + 7^1 + 7^3 + 18^0 = 13 + 16 + 71 + 73 + 180 \\
 353 &:= 1^3 + 2^3 + 3^5 + 10^2 + 18^0 = 13 + 23 + 35 + 102 + 180 \\
 353 &:= 1^3 + 3^3 + 3^5 + 9^2 + 18^0 = 13 + 33 + 35 + 92 + 180 \\
 353 &:= 1^4 + 1^4 + 5^3 + 12^0 + 15^2 = 14 + 14 + 53 + 120 + 152 \\
 353 &:= 1^4 + 1^5 + 7^1 + 7^3 + 18^0 = 14 + 15 + 71 + 73 + 180 \\
 353 &:= 1^4 + 3^4 + 4^4 + 12^0 + 14^1 = 14 + 34 + 44 + 120 + 141
 \end{aligned}$$

$$\begin{aligned}
 353 &:= 1^5 + 3^5 + 8^1 + 10^2 + 12^0 = 15 + 35 + 81 + 102 + 120 \\
 353 &:= 1^6 + 2^0 + 2^4 + 11^1 + 18^2 = 16 + 20 + 24 + 111 + 182 \\
 353 &:= 1^6 + 2^2 + 2^2 + 7^3 + 22^0 = 16 + 22 + 22 + 73 + 220 \\
 353 &:= 1^6 + 4^4 + 6^0 + 9^2 + 14^1 = 16 + 44 + 60 + 92 + 141 \\
 353 &:= 1^6 + 5^3 + 6^3 + 10^1 + 12^0 = 16 + 53 + 63 + 101 + 120 \\
 353 &:= 1^7 + 1^9 + 2^4 + 11^1 + 18^2 = 17 + 19 + 24 + 111 + 182 \\
 353 &:= 1^7 + 2^0 + 6^3 + 11^2 + 14^1 = 17 + 20 + 63 + 112 + 141 \\
 353 &:= 1^7 + 2^2 + 4^1 + 7^3 + 20^0 = 17 + 22 + 41 + 73 + 200 \\
 353 &:= 1^7 + 2^6 + 2^7 + 12^2 + 16^1 = 17 + 26 + 27 + 122 + 161 \\
 353 &:= 1^8 + 1^8 + 2^4 + 11^1 + 18^2 = 18 + 18 + 24 + 111 + 182 \\
 353 &:= 1^8 + 1^9 + 6^3 + 11^2 + 14^1 = 18 + 19 + 63 + 112 + 141 \\
 353 &:= 1^8 + 2^0 + 5^1 + 11^2 + 15^2 = 18 + 20 + 51 + 112 + 152 \\
 353 &:= 1^8 + 2^0 + 5^3 + 11^0 + 15^2 = 18 + 20 + 53 + 110 + 152 \\
 353 &:= 1^8 + 2^1 + 5^2 + 8^0 + 18^2 = 18 + 21 + 52 + 80 + 182 \\
 353 &:= 1^8 + 2^1 + 6^1 + 7^3 + 18^0 = 18 + 21 + 61 + 73 + 180 \\
 353 &:= 1^8 + 2^3 + 2^8 + 4^3 + 24^1 = 18 + 23 + 28 + 43 + 241 \\
 353 &:= 1^8 + 3^0 + 5^3 + 10^0 + 15^2 = 18 + 30 + 53 + 100 + 152 \\
 353 &:= 1^8 + 3^1 + 5^1 + 7^3 + 18^0 = 18 + 31 + 51 + 73 + 180 \\
 353 &:= 1^8 + 4^0 + 5^3 + 9^0 + 15^2 = 18 + 40 + 53 + 90 + 152 \\
 353 &:= 1^8 + 4^1 + 4^1 + 7^3 + 18^0 = 18 + 41 + 41 + 73 + 180 \\
 353 &:= 1^8 + 5^0 + 5^3 + 8^0 + 15^2 = 18 + 50 + 53 + 80 + 152 \\
 353 &:= 1^8 + 5^3 + 6^0 + 7^0 + 15^2 = 18 + 53 + 60 + 70 + 152 \\
 353 &:= 1^9 + 1^9 + 5^1 + 11^2 + 15^2 = 19 + 19 + 51 + 112 + 152 \\
 353 &:= 1^9 + 1^9 + 5^3 + 11^0 + 15^2 = 19 + 19 + 53 + 110 + 152
 \end{aligned}$$

$$\begin{aligned}
 353 &:= 1^9 + 2^0 + 7^1 + 7^3 + 17^0 = 19 + 20 + 71 + 73 + 170 \\
 353 &:= 1^9 + 2^3 + 2^6 + 4^4 + 24^1 = 19 + 23 + 26 + 44 + 241 \\
 353 &:= 1^9 + 2^8 + 3^2 + 4^3 + 23^1 = 19 + 28 + 32 + 43 + 231 \\
 353 &:= 1^9 + 2^8 + 3^3 + 7^2 + 20^1 = 19 + 28 + 33 + 72 + 201 \\
 353 &:= 1^9 + 3^0 + 7^1 + 7^3 + 16^0 = 19 + 30 + 71 + 73 + 160 \\
 353 &:= 1^9 + 4^0 + 7^1 + 7^3 + 15^0 = 19 + 40 + 71 + 73 + 150 \\
 353 &:= 1^9 + 5^0 + 7^1 + 7^3 + 14^0 = 19 + 50 + 71 + 73 + 140 \\
 353 &:= 1^9 + 6^0 + 7^1 + 7^3 + 13^0 = 19 + 60 + 71 + 73 + 130 \\
 353 &:= 1^9 + 7^0 + 7^1 + 7^3 + 12^0 = 19 + 70 + 71 + 73 + 120 \\
 353 &:= 1^9 + 7^1 + 7^3 + 8^0 + 11^0 = 19 + 71 + 73 + 80 + 110 \\
 353 &:= 1^9 + 7^1 + 7^3 + 9^0 + 10^0 = 19 + 71 + 73 + 90 + 100 \\
 353 &:= 2^0 + 2^6 + 3^2 + 4^4 + 23^1 = 20 + 26 + 32 + 44 + 231 \\
 353 &:= 2^0 + 2^8 + 3^4 + 13^0 + 14^1 = 20 + 28 + 34 + 130 + 141 \\
 353 &:= 2^2 + 2^7 + 4^1 + 6^3 + 20^0 = 22 + 27 + 41 + 63 + 200 \\
 353 &:= 2^2 + 2^8 + 9^2 + 10^0 + 11^1 = 22 + 28 + 92 + 100 + 111 \\
 353 &:= 2^3 + 3^4 + 3^5 + 6^0 + 20^1 = 23 + 34 + 35 + 60 + 201 \\
 353 &:= 2^4 + 2^4 + 4^3 + 10^0 + 16^2 = 24 + 24 + 43 + 100 + 162 \\
 353 &:= 2^4 + 4^2 + 4^3 + 4^4 + 20^0 = 24 + 42 + 43 + 44 + 200 \\
 353 &:= 2^5 + 2^5 + 2^5 + 2^8 + 25^0 = 25 + 25 + 25 + 28 + 250
 \end{aligned}$$

$$\begin{aligned}
 353 &:= 2^5 + 3^5 + 8^0 + 8^2 + 13^1 = 25 + 35 + 80 + 82 + 131 \\
 353 &:= 2^6 + 2^7 + 2^7 + 3^2 + 24^1 = 26 + 27 + 27 + 32 + 241 \\
 353 &:= 2^6 + 3^3 + 6^2 + 8^0 + 15^2 = 26 + 33 + 62 + 80 + 152 \\
 353 &:= 2^6 + 3^4 + 4^0 + 11^1 + 14^2 = 26 + 34 + 40 + 111 + 142 \\
 353 &:= 2^6 + 4^2 + 4^4 + 8^0 + 16^1 = 26 + 42 + 44 + 80 + 161 \\
 353 &:= 2^6 + 4^3 + 6^3 + 8^1 + 14^0 = 26 + 43 + 63 + 81 + 140 \\
 353 &:= 2^6 + 4^4 + 5^2 + 7^1 + 16^0 = 26 + 44 + 52 + 71 + 160 \\
 353 &:= 2^6 + 6^2 + 6^2 + 6^3 + 14^0 = 26 + 62 + 62 + 63 + 140 \\
 353 &:= 2^7 + 4^2 + 8^0 + 8^2 + 12^2 = 27 + 42 + 80 + 82 + 122 \\
 353 &:= 2^8 + 3^0 + 3^4 + 12^0 + 14^1 = 28 + 30 + 34 + 120 + 141 \\
 353 &:= 2^8 + 3^2 + 6^1 + 9^2 + 14^0 = 28 + 32 + 61 + 92 + 140 \\
 353 &:= 2^8 + 3^4 + 4^0 + 11^0 + 14^1 = 28 + 34 + 40 + 110 + 141 \\
 353 &:= 2^8 + 3^4 + 5^0 + 10^0 + 14^1 = 28 + 34 + 50 + 100 + 141 \\
 353 &:= 2^8 + 3^4 + 6^0 + 9^0 + 14^1 = 28 + 34 + 60 + 90 + 141 \\
 353 &:= 2^8 + 3^4 + 7^0 + 8^0 + 14^1 = 28 + 34 + 70 + 80 + 141 \\
 353 &:= 2^8 + 4^0 + 4^2 + 8^2 + 16^1 = 28 + 40 + 42 + 82 + 161 \\
 353 &:= 2^8 + 5^2 + 7^1 + 8^2 + 12^0 = 28 + 52 + 71 + 82 + 120 \\
 353 &:= 2^8 + 6^2 + 7^2 + 8^0 + 11^1 = 28 + 62 + 72 + 80 + 111
 \end{aligned}$$

2.2.255 Number 354

$$\begin{aligned}
 354 &:= 7^3 + 10^1 + 18^0 = 73 + 101 + 180 \\
 354 &:= 8^2 + 10^0 + 17^2 = 82 + 100 + 172 \\
 354 &:= 1^0 + 7^3 + 9^1 + 18^0 = 10 + 73 + 91 + 180 \\
 354 &:= 1^7 + 2^4 + 13^1 + 18^2 = 17 + 24 + 131 + 182 \\
 354 &:= 1^8 + 6^3 + 11^2 + 16^1 = 18 + 63 + 112 + 161 \\
 354 &:= 1^9 + 3^2 + 7^3 + 23^0 = 19 + 32 + 73 + 230 \\
 354 &:= 1^9 + 7^1 + 11^2 + 15^2 = 19 + 71 + 112 + 152 \\
 354 &:= 2^0 + 7^3 + 9^1 + 17^0 = 20 + 73 + 91 + 170 \\
 354 &:= 2^3 + 2^6 + 4^4 + 26^1 = 23 + 26 + 44 + 261 \\
 354 &:= 2^4 + 2^8 + 9^2 + 21^0 = 24 + 28 + 92 + 210 \\
 354 &:= 2^6 + 2^6 + 15^0 + 15^2 = 26 + 26 + 150 + 152 \\
 354 &:= 2^8 + 3^2 + 4^3 + 25^1 = 28 + 32 + 43 + 251 \\
 354 &:= 2^8 + 3^3 + 7^2 + 22^1 = 28 + 33 + 72 + 221 \\
 354 &:= 2^8 + 3^4 + 4^2 + 25^0 = 28 + 34 + 42 + 250 \\
 354 &:= 3^0 + 7^3 + 9^1 + 16^0 = 30 + 73 + 91 + 160 \\
 354 &:= 4^0 + 7^3 + 9^1 + 15^0 = 40 + 73 + 91 + 150
 \end{aligned}$$

$$\begin{aligned}
 354 &:= 5^0 + 7^3 + 9^1 + 14^0 = 50 + 73 + 91 + 140 \\
 354 &:= 6^0 + 7^3 + 9^1 + 13^0 = 60 + 73 + 91 + 130 \\
 354 &:= 7^0 + 7^3 + 9^1 + 12^0 = 70 + 73 + 91 + 120 \\
 354 &:= 7^3 + 8^0 + 9^1 + 11^0 = 73 + 80 + 91 + 110 \\
 354 &:= 7^3 + 9^0 + 9^1 + 10^0 = 73 + 90 + 91 + 100 \\
 354 &:= 1^0 + 1^0 + 7^3 + 8^1 + 18^0 = 10 + 10 + 73 + 81 + 180 \\
 354 &:= 1^0 + 1^7 + 2^4 + 12^1 + 18^2 = 10 + 17 + 24 + 121 + 182 \\
 354 &:= 1^0 + 1^8 + 2^3 + 7^3 + 23^0 = 10 + 18 + 23 + 73 + 230 \\
 354 &:= 1^0 + 1^8 + 6^3 + 11^2 + 15^1 = 10 + 18 + 63 + 112 + 151 \\
 354 &:= 1^0 + 1^8 + 8^2 + 12^2 + 12^2 = 10 + 18 + 82 + 122 + 122 \\
 354 &:= 1^0 + 1^9 + 3^3 + 11^0 + 18^2 = 10 + 19 + 33 + 110 + 182 \\
 354 &:= 1^0 + 1^9 + 6^1 + 11^2 + 15^2 = 10 + 19 + 61 + 112 + 152 \\
 354 &:= 1^0 + 2^0 + 7^3 + 8^1 + 17^0 = 10 + 20 + 73 + 81 + 170 \\
 354 &:= 1^0 + 2^3 + 2^6 + 4^4 + 25^1 = 10 + 23 + 26 + 44 + 251 \\
 354 &:= 1^0 + 2^8 + 3^2 + 4^3 + 24^1 = 10 + 28 + 32 + 43 + 241 \\
 354 &:= 1^0 + 2^8 + 3^3 + 7^2 + 21^1 = 10 + 28 + 33 + 72 + 211
 \end{aligned}$$

$$\begin{aligned}
 354 &:= 1^0 + 3^0 + 7^3 + 8^1 + 16^0 = 10 + 30 + 73 + 81 + 160 \\
 354 &:= 1^0 + 4^0 + 7^3 + 8^1 + 15^0 = 10 + 40 + 73 + 81 + 150 \\
 354 &:= 1^0 + 5^0 + 7^3 + 8^1 + 14^0 = 10 + 50 + 73 + 81 + 140 \\
 354 &:= 1^0 + 6^0 + 7^3 + 8^1 + 13^0 = 10 + 60 + 73 + 81 + 130 \\
 354 &:= 1^0 + 7^0 + 7^3 + 8^1 + 12^0 = 10 + 70 + 73 + 81 + 120 \\
 354 &:= 1^0 + 7^3 + 8^0 + 8^1 + 11^0 = 10 + 73 + 80 + 81 + 110 \\
 354 &:= 1^0 + 7^3 + 8^1 + 9^0 + 10^0 = 10 + 73 + 81 + 90 + 100 \\
 354 &:= 1^1 + 1^6 + 2^4 + 12^1 + 18^2 = 11 + 16 + 24 + 121 + 182 \\
 354 &:= 1^1 + 1^7 + 2^3 + 7^3 + 23^0 = 11 + 17 + 23 + 73 + 230 \\
 354 &:= 1^1 + 1^7 + 6^3 + 11^2 + 15^1 = 11 + 17 + 63 + 112 + 151 \\
 354 &:= 1^1 + 1^7 + 8^2 + 12^2 + 12^2 = 11 + 17 + 82 + 122 + 122 \\
 354 &:= 1^1 + 1^8 + 3^3 + 11^0 + 18^2 = 11 + 18 + 33 + 110 + 182 \\
 354 &:= 1^1 + 1^8 + 6^1 + 11^2 + 15^2 = 11 + 18 + 61 + 112 + 152 \\
 354 &:= 1^1 + 1^9 + 7^3 + 8^1 + 17^0 = 11 + 19 + 73 + 81 + 170 \\
 354 &:= 1^1 + 2^3 + 2^7 + 6^3 + 23^0 = 11 + 23 + 27 + 63 + 230 \\
 354 &:= 1^1 + 2^5 + 2^6 + 13^0 + 16^2 = 11 + 25 + 26 + 130 + 162 \\
 354 &:= 1^1 + 2^6 + 3^2 + 4^4 + 24^1 = 11 + 26 + 32 + 44 + 241 \\
 354 &:= 1^1 + 2^8 + 3^4 + 13^0 + 15^1 = 11 + 28 + 34 + 130 + 151 \\
 354 &:= 1^2 + 1^5 + 2^4 + 12^1 + 18^2 = 12 + 15 + 24 + 121 + 182 \\
 354 &:= 1^2 + 1^6 + 2^3 + 7^3 + 23^0 = 12 + 16 + 23 + 73 + 230 \\
 354 &:= 1^2 + 1^6 + 6^3 + 11^2 + 15^1 = 12 + 16 + 63 + 112 + 151 \\
 354 &:= 1^2 + 1^6 + 8^2 + 12^2 + 12^2 = 12 + 16 + 82 + 122 + 122 \\
 354 &:= 1^2 + 1^7 + 3^3 + 11^0 + 18^2 = 12 + 17 + 33 + 110 + 182 \\
 354 &:= 1^2 + 1^7 + 6^1 + 11^2 + 15^2 = 12 + 17 + 61 + 112 + 152 \\
 354 &:= 1^2 + 1^8 + 7^3 + 8^1 + 17^0 = 12 + 18 + 73 + 81 + 170 \\
 354 &:= 1^2 + 2^2 + 3^4 + 3^5 + 25^1 = 12 + 22 + 34 + 35 + 251 \\
 354 &:= 1^2 + 2^5 + 4^3 + 4^4 + 23^0 = 12 + 25 + 43 + 44 + 230 \\
 354 &:= 1^2 + 2^7 + 4^2 + 13^1 + 14^2 = 12 + 27 + 42 + 131 + 142 \\
 354 &:= 1^3 + 1^4 + 2^4 + 12^1 + 18^2 = 13 + 14 + 24 + 121 + 182 \\
 354 &:= 1^3 + 1^5 + 2^3 + 7^3 + 23^0 = 13 + 15 + 23 + 73 + 230 \\
 354 &:= 1^3 + 1^5 + 6^3 + 11^2 + 15^1 = 13 + 15 + 63 + 112 + 151 \\
 354 &:= 1^3 + 1^5 + 8^2 + 12^2 + 12^2 = 13 + 15 + 82 + 122 + 122 \\
 354 &:= 1^3 + 1^6 + 3^3 + 11^0 + 18^2 = 13 + 16 + 33 + 110 + 182 \\
 354 &:= 1^3 + 1^6 + 6^1 + 11^2 + 15^2 = 13 + 16 + 61 + 112 + 152 \\
 354 &:= 1^3 + 1^7 + 7^3 + 8^1 + 17^0 = 13 + 17 + 73 + 81 + 170 \\
 354 &:= 1^3 + 2^5 + 10^2 + 10^2 + 11^2 = 13 + 25 + 102 + 102 + 112 \\
 354 &:= 1^3 + 2^5 + 4^4 + 8^2 + 19^0 = 13 + 25 + 44 + 82 + 190 \\
 354 &:= 1^3 + 2^7 + 6^3 + 8^1 + 17^0 = 13 + 27 + 63 + 81 + 170
 \end{aligned}$$

$$\begin{aligned}
 354 &:= 1^3 + 2^8 + 7^0 + 9^2 + 15^1 = 13 + 28 + 70 + 92 + 151 \\
 354 &:= 1^3 + 3^3 + 3^5 + 8^2 + 19^1 = 13 + 33 + 35 + 82 + 191 \\
 354 &:= 1^3 + 3^5 + 4^3 + 5^2 + 21^1 = 13 + 35 + 43 + 52 + 211 \\
 354 &:= 1^4 + 1^4 + 2^3 + 7^3 + 23^0 = 14 + 14 + 23 + 73 + 230 \\
 354 &:= 1^4 + 1^4 + 6^3 + 11^2 + 15^1 = 14 + 14 + 63 + 112 + 151 \\
 354 &:= 1^4 + 1^4 + 8^2 + 12^2 + 12^2 = 14 + 14 + 82 + 122 + 122 \\
 354 &:= 1^4 + 1^5 + 3^3 + 11^0 + 18^2 = 14 + 15 + 33 + 110 + 182 \\
 354 &:= 1^4 + 1^5 + 6^1 + 11^2 + 15^2 = 14 + 15 + 61 + 112 + 152 \\
 354 &:= 1^4 + 1^6 + 7^3 + 8^1 + 17^0 = 14 + 16 + 73 + 81 + 170 \\
 354 &:= 1^4 + 2^4 + 7^2 + 12^2 + 12^2 = 14 + 24 + 72 + 122 + 122 \\
 354 &:= 1^4 + 2^5 + 4^3 + 11^0 + 16^2 = 14 + 25 + 43 + 110 + 162 \\
 354 &:= 1^4 + 2^6 + 7^0 + 12^2 + 12^2 = 14 + 26 + 70 + 122 + 122 \\
 354 &:= 1^4 + 3^4 + 4^3 + 12^1 + 14^2 = 14 + 34 + 43 + 121 + 142 \\
 354 &:= 1^5 + 1^5 + 7^3 + 8^1 + 17^0 = 15 + 15 + 73 + 81 + 170 \\
 354 &:= 1^5 + 2^2 + 3^4 + 12^1 + 16^2 = 15 + 22 + 34 + 121 + 162 \\
 354 &:= 1^5 + 2^3 + 7^2 + 10^2 + 14^2 = 15 + 23 + 72 + 102 + 142 \\
 354 &:= 1^5 + 2^5 + 2^6 + 2^8 + 26^0 = 15 + 25 + 26 + 28 + 260 \\
 354 &:= 1^5 + 2^5 + 7^0 + 8^2 + 16^2 = 15 + 25 + 70 + 82 + 162 \\
 354 &:= 1^5 + 3^2 + 3^5 + 10^2 + 17^0 = 15 + 32 + 35 + 102 + 170 \\
 354 &:= 1^5 + 3^3 + 3^3 + 10^1 + 17^2 = 15 + 33 + 33 + 101 + 172 \\
 354 &:= 1^5 + 3^3 + 6^2 + 11^2 + 13^2 = 15 + 33 + 62 + 112 + 132 \\
 354 &:= 1^5 + 3^3 + 7^2 + 9^2 + 14^2 = 15 + 33 + 72 + 92 + 142 \\
 354 &:= 1^5 + 3^4 + 4^4 + 11^0 + 15^1 = 15 + 34 + 44 + 110 + 151 \\
 354 &:= 1^5 + 3^4 + 7^1 + 11^2 + 12^2 = 15 + 34 + 71 + 112 + 122 \\
 354 &:= 1^5 + 4^2 + 4^4 + 8^2 + 17^1 = 15 + 42 + 44 + 82 + 171 \\
 354 &:= 1^5 + 4^3 + 8^2 + 9^2 + 12^2 = 15 + 43 + 82 + 92 + 122 \\
 354 &:= 1^6 + 2^1 + 2^4 + 11^1 + 18^2 = 16 + 21 + 24 + 111 + 182 \\
 354 &:= 1^6 + 2^2 + 6^2 + 12^2 + 13^2 = 16 + 22 + 62 + 122 + 132 \\
 354 &:= 1^6 + 2^3 + 5^1 + 12^2 + 14^2 = 16 + 23 + 51 + 122 + 142 \\
 354 &:= 1^6 + 2^3 + 7^1 + 7^2 + 17^2 = 16 + 23 + 71 + 72 + 172 \\
 354 &:= 1^6 + 2^4 + 3^1 + 10^1 + 18^2 = 16 + 24 + 31 + 101 + 182 \\
 354 &:= 1^6 + 2^4 + 4^1 + 9^1 + 18^2 = 16 + 24 + 41 + 91 + 182 \\
 354 &:= 1^6 + 2^4 + 5^1 + 8^1 + 18^2 = 16 + 24 + 51 + 81 + 182 \\
 354 &:= 1^6 + 2^4 + 6^1 + 7^1 + 18^2 = 16 + 24 + 61 + 71 + 182 \\
 354 &:= 1^6 + 3^3 + 6^1 + 8^2 + 16^2 = 16 + 33 + 61 + 82 + 162 \\
 354 &:= 1^6 + 3^5 + 9^1 + 10^2 + 11^0 = 16 + 35 + 91 + 102 + 110 \\
 354 &:= 1^6 + 4^3 + 5^2 + 8^1 + 16^2 = 16 + 43 + 52 + 81 + 162 \\
 354 &:= 1^6 + 5^2 + 6^2 + 6^2 + 16^2 = 16 + 52 + 62 + 62 + 162
 \end{aligned}$$

$$\begin{aligned} 354 &:= 1^6 + 5^2 + 6^3 + 10^2 + 12^1 = 16 + 52 + 63 + 102 + 121 \\ 354 &:= 1^6 + 5^3 + 7^1 + 10^2 + 11^2 = 16 + 53 + 71 + 102 + 112 \\ 354 &:= 1^7 + 2^1 + 6^3 + 11^2 + 14^1 = 17 + 21 + 63 + 112 + 141 \\ 354 &:= 1^7 + 2^2 + 4^2 + 9^1 + 18^2 = 17 + 22 + 42 + 91 + 182 \\ 354 &:= 1^7 + 3^1 + 5^2 + 10^2 + 15^2 = 17 + 31 + 52 + 102 + 152 \\ 354 &:= 1^7 + 3^1 + 6^3 + 11^2 + 13^1 = 17 + 31 + 63 + 112 + 131 \\ 354 &:= 1^7 + 3^2 + 4^1 + 12^2 + 14^2 = 17 + 32 + 41 + 122 + 142 \\ 354 &:= 1^7 + 3^2 + 6^1 + 7^2 + 17^2 = 17 + 32 + 61 + 72 + 172 \\ 354 &:= 1^7 + 3^3 + 5^0 + 10^2 + 15^2 = 17 + 33 + 50 + 102 + 152 \\ 354 &:= 1^7 + 3^3 + 6^2 + 7^0 + 17^2 = 17 + 33 + 62 + 70 + 172 \\ 354 &:= 1^7 + 4^1 + 6^3 + 11^2 + 12^1 = 17 + 41 + 63 + 112 + 121 \\ 354 &:= 1^7 + 4^3 + 5^0 + 12^2 + 12^2 = 17 + 43 + 50 + 122 + 122 \\ 354 &:= 1^7 + 4^4 + 5^0 + 9^2 + 15^1 = 17 + 44 + 50 + 92 + 151 \\ 354 &:= 1^7 + 5^1 + 6^3 + 11^1 + 11^2 = 17 + 51 + 63 + 111 + 112 \\ 354 &:= 1^7 + 5^3 + 6^3 + 11^0 + 11^1 = 17 + 53 + 63 + 110 + 111 \\ 354 &:= 1^7 + 6^1 + 6^3 + 10^1 + 11^2 = 17 + 61 + 63 + 101 + 112 \\ 354 &:= 1^7 + 6^2 + 6^3 + 10^2 + 11^0 = 17 + 62 + 63 + 102 + 110 \\ 354 &:= 1^7 + 6^3 + 7^1 + 9^1 + 11^2 = 17 + 63 + 71 + 91 + 112 \\ 354 &:= 1^7 + 6^3 + 8^1 + 8^1 + 11^2 = 17 + 63 + 81 + 81 + 112 \\ 354 &:= 1^8 + 2^0 + 2^3 + 7^3 + 22^0 = 18 + 20 + 23 + 73 + 220 \\ 354 &:= 1^8 + 2^1 + 5^1 + 11^2 + 15^2 = 18 + 21 + 51 + 112 + 152 \\ 354 &:= 1^8 + 2^1 + 5^3 + 11^0 + 15^2 = 18 + 21 + 53 + 110 + 152 \\ 354 &:= 1^8 + 2^2 + 5^1 + 7^3 + 19^0 = 18 + 22 + 51 + 73 + 190 \\ 354 &:= 1^8 + 2^3 + 3^0 + 7^3 + 21^0 = 18 + 23 + 30 + 73 + 210 \\ 354 &:= 1^8 + 2^3 + 4^0 + 7^3 + 20^0 = 18 + 23 + 40 + 73 + 200 \\ 354 &:= 1^8 + 2^3 + 5^0 + 7^3 + 19^0 = 18 + 23 + 50 + 73 + 190 \\ 354 &:= 1^8 + 2^3 + 6^0 + 7^3 + 18^0 = 18 + 23 + 60 + 73 + 180 \\ 354 &:= 1^8 + 2^3 + 7^0 + 7^3 + 17^0 = 18 + 23 + 70 + 73 + 170 \\ 354 &:= 1^8 + 2^3 + 7^3 + 10^0 + 14^0 = 18 + 23 + 73 + 100 + 140 \\ 354 &:= 1^8 + 2^3 + 7^3 + 11^0 + 13^0 = 18 + 23 + 73 + 110 + 130 \\ 354 &:= 1^8 + 2^3 + 7^3 + 12^0 + 12^0 = 18 + 23 + 73 + 120 + 120 \\ 354 &:= 1^8 + 2^3 + 7^3 + 8^0 + 16^0 = 18 + 23 + 73 + 80 + 160 \\ 354 &:= 1^8 + 2^3 + 7^3 + 9^0 + 15^0 = 18 + 23 + 73 + 90 + 150 \\ 354 &:= 1^8 + 2^5 + 2^8 + 4^3 + 24^0 = 18 + 25 + 28 + 43 + 240 \\ 354 &:= 1^8 + 3^1 + 4^1 + 11^2 + 15^2 = 18 + 31 + 41 + 112 + 152 \\ 354 &:= 1^9 + 1^9 + 2^3 + 7^3 + 22^0 = 19 + 19 + 23 + 73 + 220 \\ 354 &:= 1^9 + 2^0 + 3^3 + 10^0 + 18^2 = 19 + 20 + 33 + 100 + 182 \\ 354 &:= 1^9 + 2^1 + 7^1 + 7^3 + 17^0 = 19 + 21 + 71 + 73 + 170 \end{aligned}$$

$$\begin{aligned} 354 &:= 1^9 + 2^5 + 2^6 + 4^4 + 24^0 = 19 + 25 + 26 + 44 + 240 \\ 354 &:= 1^9 + 2^5 + 2^8 + 8^2 + 20^0 = 19 + 25 + 28 + 82 + 200 \\ 354 &:= 1^9 + 3^0 + 3^3 + 9^0 + 18^2 = 19 + 30 + 33 + 90 + 182 \\ 354 &:= 1^9 + 3^1 + 5^2 + 7^0 + 18^2 = 19 + 31 + 52 + 70 + 182 \\ 354 &:= 1^9 + 3^1 + 6^1 + 7^3 + 17^0 = 19 + 31 + 61 + 73 + 170 \\ 354 &:= 1^9 + 3^3 + 4^0 + 8^0 + 18^2 = 19 + 33 + 40 + 80 + 182 \\ 354 &:= 1^9 + 3^3 + 5^0 + 7^0 + 18^2 = 19 + 33 + 50 + 70 + 182 \\ 354 &:= 1^9 + 3^3 + 6^0 + 6^0 + 18^2 = 19 + 33 + 60 + 60 + 182 \\ 354 &:= 1^9 + 4^1 + 5^1 + 7^3 + 17^0 = 19 + 41 + 51 + 73 + 170 \\ 354 &:= 2^0 + 2^0 + 7^3 + 8^1 + 16^0 = 20 + 20 + 73 + 81 + 160 \\ 354 &:= 2^0 + 3^0 + 7^3 + 8^1 + 15^0 = 20 + 30 + 73 + 81 + 150 \\ 354 &:= 2^0 + 4^0 + 7^3 + 8^1 + 14^0 = 20 + 40 + 73 + 81 + 140 \\ 354 &:= 2^0 + 5^0 + 7^3 + 8^1 + 13^0 = 20 + 50 + 73 + 81 + 130 \\ 354 &:= 2^0 + 6^0 + 7^3 + 8^1 + 12^0 = 20 + 60 + 73 + 81 + 120 \\ 354 &:= 2^0 + 7^0 + 7^3 + 8^1 + 11^0 = 20 + 70 + 73 + 81 + 110 \\ 354 &:= 2^0 + 7^3 + 8^0 + 8^1 + 10^0 = 20 + 73 + 80 + 81 + 100 \\ 354 &:= 2^0 + 7^3 + 8^1 + 9^0 + 9^0 = 20 + 73 + 81 + 90 + 90 \\ 354 &:= 2^1 + 2^6 + 3^2 + 4^4 + 23^1 = 21 + 26 + 32 + 44 + 231 \\ 354 &:= 2^1 + 2^8 + 3^4 + 13^0 + 14^1 = 21 + 28 + 34 + 130 + 141 \\ 354 &:= 2^2 + 2^5 + 3^4 + 12^1 + 15^2 = 22 + 25 + 34 + 121 + 152 \\ 354 &:= 2^3 + 2^3 + 3^4 + 4^4 + 23^0 = 23 + 23 + 34 + 44 + 230 \\ 354 &:= 2^3 + 2^5 + 7^2 + 11^2 + 12^2 = 23 + 25 + 72 + 112 + 122 \\ 354 &:= 2^3 + 2^5 + 8^2 + 9^2 + 13^2 = 23 + 25 + 82 + 92 + 132 \\ 354 &:= 2^3 + 2^6 + 4^2 + 10^1 + 16^2 = 23 + 26 + 42 + 101 + 162 \\ 354 &:= 2^3 + 2^6 + 7^2 + 8^1 + 15^2 = 23 + 26 + 72 + 81 + 152 \\ 354 &:= 2^3 + 2^8 + 8^1 + 9^2 + 13^0 = 23 + 28 + 81 + 92 + 130 \\ 354 &:= 2^4 + 2^7 + 3^0 + 13^1 + 14^2 = 24 + 27 + 30 + 131 + 142 \\ 354 &:= 2^4 + 3^3 + 4^4 + 6^2 + 19^1 = 24 + 33 + 44 + 62 + 191 \\ 354 &:= 2^4 + 3^4 + 3^5 + 13^0 + 13^1 = 24 + 34 + 35 + 130 + 131 \\ 354 &:= 2^5 + 2^5 + 7^0 + 8^2 + 15^2 = 25 + 25 + 70 + 82 + 152 \\ 354 &:= 2^5 + 3^3 + 6^3 + 8^2 + 15^1 = 25 + 33 + 63 + 82 + 151 \\ 354 &:= 2^5 + 3^4 + 6^2 + 9^1 + 14^2 = 25 + 34 + 62 + 91 + 142 \\ 354 &:= 2^5 + 3^4 + 8^1 + 8^2 + 13^2 = 25 + 34 + 81 + 82 + 132 \\ 354 &:= 2^5 + 3^5 + 4^3 + 11^0 + 14^1 = 25 + 35 + 43 + 110 + 141 \\ 354 &:= 2^5 + 4^3 + 5^2 + 6^3 + 17^1 = 25 + 43 + 52 + 63 + 171 \\ 354 &:= 2^5 + 4^3 + 5^3 + 11^2 + 12^1 = 25 + 43 + 53 + 112 + 121 \\ 354 &:= 2^6 + 3^0 + 3^5 + 5^2 + 21^1 = 26 + 30 + 35 + 52 + 211 \\ 354 &:= 2^6 + 3^1 + 3^2 + 4^4 + 22^1 = 26 + 31 + 32 + 44 + 221 \end{aligned}$$

$$\begin{aligned}
 354 &:= 2^6 + 3^2 + 4^1 + 4^4 + 21^1 = 26 + 32 + 41 + 44 + 211 \\
 354 &:= 2^6 + 3^2 + 4^3 + 6^3 + 19^0 = 26 + 32 + 43 + 63 + 190 \\
 354 &:= 2^6 + 3^2 + 4^4 + 10^1 + 15^1 = 26 + 32 + 44 + 101 + 151 \\
 354 &:= 2^6 + 3^2 + 4^4 + 11^1 + 14^1 = 26 + 32 + 44 + 111 + 141 \\
 354 &:= 2^6 + 3^2 + 4^4 + 12^1 + 13^1 = 26 + 32 + 44 + 121 + 131 \\
 354 &:= 2^6 + 3^2 + 4^4 + 5^1 + 20^1 = 26 + 32 + 44 + 51 + 201 \\
 354 &:= 2^6 + 3^2 + 4^4 + 6^1 + 19^1 = 26 + 32 + 44 + 61 + 191 \\
 354 &:= 2^6 + 3^2 + 4^4 + 7^1 + 18^1 = 26 + 32 + 44 + 71 + 181 \\
 354 &:= 2^6 + 3^2 + 4^4 + 8^1 + 17^1 = 26 + 32 + 44 + 81 + 171 \\
 354 &:= 2^6 + 3^2 + 4^4 + 9^1 + 16^1 = 26 + 32 + 44 + 91 + 161 \\
 354 &:= 2^6 + 3^2 + 5^3 + 12^1 + 12^2 = 26 + 32 + 53 + 121 + 122 \\
 354 &:= 2^6 + 3^2 + 6^3 + 7^2 + 16^1 = 26 + 32 + 63 + 72 + 161 \\
 354 &:= 2^6 + 3^2 + 9^2 + 10^2 + 10^2 = 26 + 32 + 92 + 102 + 102 \\
 354 &:= 2^6 + 3^3 + 4^4 + 6^1 + 19^0 = 26 + 33 + 44 + 61 + 190 \\
 354 &:= 2^6 + 3^4 + 8^2 + 9^0 + 12^2 = 26 + 34 + 82 + 90 + 122 \\
 354 &:= 2^6 + 3^5 + 6^2 + 10^1 + 13^0 = 26 + 35 + 62 + 101 + 130 \\
 354 &:= 2^6 + 4^2 + 7^2 + 9^2 + 12^2 = 26 + 42 + 72 + 92 + 122 \\
 354 &:= 2^6 + 4^3 + 5^3 + 10^2 + 13^0 = 26 + 43 + 53 + 102 + 130 \\
 354 &:= 2^6 + 4^3 + 7^2 + 8^1 + 13^2 = 26 + 43 + 72 + 81 + 132 \\
 354 &:= 2^6 + 6^2 + 6^2 + 7^2 + 13^2 = 26 + 62 + 62 + 72 + 132 \\
 354 &:= 2^7 + 3^2 + 3^2 + 12^1 + 14^2 = 27 + 32 + 32 + 121 + 142 \\
 354 &:= 2^7 + 3^2 + 8^2 + 9^1 + 12^2 = 27 + 32 + 82 + 91 + 122 \\
 354 &:= 2^7 + 4^2 + 8^1 + 9^2 + 11^2 = 27 + 42 + 81 + 92 + 112 \\
 354 &:= 2^7 + 5^2 + 7^2 + 8^1 + 12^2 = 27 + 52 + 72 + 81 + 122 \\
 354 &:= 2^7 + 5^3 + 6^2 + 8^2 + 13^0 = 27 + 53 + 62 + 82 + 130 \\
 354 &:= 2^7 + 7^1 + 7^2 + 7^2 + 11^2 = 27 + 71 + 72 + 72 + 112 \\
 354 &:= 2^8 + 3^1 + 3^4 + 13^0 + 13^1 = 28 + 31 + 34 + 130 + 131
 \end{aligned}$$

$$\begin{aligned}
 354 &:= 2^8 + 3^3 + 6^1 + 8^2 + 15^0 = 28 + 33 + 61 + 82 + 150 \\
 354 &:= 2^8 + 3^4 + 4^1 + 12^1 + 13^0 = 28 + 34 + 41 + 121 + 130 \\
 354 &:= 2^8 + 3^4 + 5^1 + 11^1 + 13^0 = 28 + 34 + 51 + 111 + 130 \\
 354 &:= 2^8 + 3^4 + 6^1 + 10^1 + 13^0 = 28 + 34 + 61 + 101 + 130 \\
 354 &:= 2^8 + 3^4 + 7^1 + 9^1 + 13^0 = 28 + 34 + 71 + 91 + 130 \\
 354 &:= 2^8 + 3^4 + 8^1 + 8^1 + 13^0 = 28 + 34 + 81 + 81 + 130 \\
 354 &:= 2^8 + 4^2 + 4^3 + 7^0 + 17^1 = 28 + 42 + 43 + 70 + 171 \\
 354 &:= 2^8 + 4^3 + 5^2 + 8^1 + 15^0 = 28 + 43 + 52 + 81 + 150 \\
 354 &:= 2^8 + 5^2 + 6^2 + 6^2 + 15^0 = 28 + 52 + 62 + 62 + 150 \\
 354 &:= 3^0 + 3^0 + 7^3 + 8^1 + 14^0 = 30 + 30 + 73 + 81 + 140 \\
 354 &:= 3^0 + 4^0 + 7^3 + 8^1 + 13^0 = 30 + 40 + 73 + 81 + 130 \\
 354 &:= 3^0 + 5^0 + 7^3 + 8^1 + 12^0 = 30 + 50 + 73 + 81 + 120 \\
 354 &:= 3^0 + 6^0 + 7^3 + 8^1 + 11^0 = 30 + 60 + 73 + 81 + 110 \\
 354 &:= 3^0 + 7^0 + 7^3 + 8^1 + 10^0 = 30 + 70 + 73 + 81 + 100 \\
 354 &:= 3^0 + 7^3 + 8^0 + 8^1 + 9^0 = 30 + 73 + 80 + 81 + 90 \\
 354 &:= 4^0 + 4^0 + 7^3 + 8^1 + 12^0 = 40 + 40 + 73 + 81 + 120 \\
 354 &:= 4^0 + 5^0 + 7^3 + 8^1 + 11^0 = 40 + 50 + 73 + 81 + 110 \\
 354 &:= 4^0 + 6^0 + 7^3 + 8^1 + 10^0 = 40 + 60 + 73 + 81 + 100 \\
 354 &:= 4^0 + 7^0 + 7^3 + 8^1 + 9^0 = 40 + 70 + 73 + 81 + 90 \\
 354 &:= 4^0 + 7^3 + 8^0 + 8^0 + 8^1 = 40 + 73 + 80 + 80 + 81 \\
 354 &:= 5^0 + 5^0 + 7^3 + 8^1 + 10^0 = 50 + 50 + 73 + 81 + 100 \\
 354 &:= 5^0 + 6^0 + 7^3 + 8^1 + 9^0 = 50 + 60 + 73 + 81 + 90 \\
 354 &:= 5^0 + 7^0 + 7^3 + 8^0 + 8^1 = 50 + 70 + 73 + 80 + 81 \\
 354 &:= 6^0 + 6^0 + 7^3 + 8^0 + 8^1 = 60 + 60 + 73 + 80 + 81 \\
 354 &:= 6^0 + 7^0 + 7^0 + 7^3 + 8^1 = 60 + 70 + 70 + 73 + 81
 \end{aligned}$$

2.2.256 Number 355

$$\begin{aligned}
 355 &:= 9^1 + 11^2 + 15^2 = 91 + 112 + 152 \\
 355 &:= 1^0 + 4^3 + 13^0 + 17^2 = 10 + 43 + 130 + 172 \\
 355 &:= 1^0 + 8^1 + 11^2 + 15^2 = 10 + 81 + 112 + 152 \\
 355 &:= 1^1 + 7^3 + 10^1 + 17^0 = 11 + 73 + 101 + 170 \\
 355 &:= 1^1 + 8^2 + 9^0 + 17^2 = 11 + 82 + 90 + 172 \\
 355 &:= 1^6 + 2^7 + 15^2 + 16^0 = 16 + 27 + 152 + 160 \\
 355 &:= 1^7 + 2^6 + 14^0 + 17^2 = 17 + 26 + 140 + 172 \\
 355 &:= 2^0 + 4^3 + 12^0 + 17^2 = 20 + 43 + 120 + 172 \\
 355 &:= 2^1 + 7^3 + 9^1 + 17^0 = 21 + 73 + 91 + 170
 \end{aligned}$$

$$\begin{aligned}
 355 &:= 3^0 + 4^3 + 11^0 + 17^2 = 30 + 43 + 110 + 172 \\
 355 &:= 3^1 + 7^3 + 8^1 + 17^0 = 31 + 73 + 81 + 170 \\
 355 &:= 4^0 + 4^3 + 10^0 + 17^2 = 40 + 43 + 100 + 172 \\
 355 &:= 4^1 + 7^1 + 7^3 + 17^0 = 41 + 71 + 73 + 170 \\
 355 &:= 4^3 + 5^0 + 9^0 + 17^2 = 43 + 50 + 90 + 172 \\
 355 &:= 4^3 + 6^0 + 8^0 + 17^2 = 43 + 60 + 80 + 172 \\
 355 &:= 4^3 + 7^0 + 7^0 + 17^2 = 43 + 70 + 70 + 172 \\
 355 &:= 5^1 + 5^2 + 7^0 + 18^2 = 51 + 52 + 70 + 182 \\
 355 &:= 5^1 + 6^1 + 7^3 + 17^0 = 51 + 61 + 73 + 170
 \end{aligned}$$

$$\begin{aligned} 355 &:= 1^0 + 1^0 + 3^2 + 7^3 + 23^0 = 10 + 10 + 32 + 73 + 230 & 355 &:= 1^3 + 2^5 + 2^5 + 12^0 + 17^2 = 13 + 25 + 25 + 120 + 172 \\ 355 &:= 1^0 + 1^0 + 7^1 + 11^2 + 15^2 = 10 + 10 + 71 + 112 + 152 & 355 &:= 1^3 + 2^7 + 3^2 + 6^3 + 22^0 = 13 + 27 + 32 + 63 + 220 \\ 355 &:= 1^0 + 1^1 + 7^3 + 9^1 + 17^0 = 10 + 11 + 73 + 91 + 170 & 355 &:= 1^3 + 2^7 + 5^3 + 10^2 + 16^0 = 13 + 27 + 53 + 102 + 160 \\ 355 &:= 1^0 + 2^0 + 3^2 + 7^3 + 22^0 = 10 + 20 + 32 + 73 + 220 & 355 &:= 1^3 + 2^8 + 4^2 + 9^2 + 18^0 = 13 + 28 + 42 + 92 + 180 \\ 355 &:= 1^0 + 2^1 + 7^3 + 8^1 + 17^0 = 10 + 21 + 73 + 81 + 170 & 355 &:= 1^4 + 1^6 + 3^2 + 7^3 + 22^0 = 14 + 16 + 32 + 73 + 220 \\ 355 &:= 1^0 + 3^0 + 3^2 + 7^3 + 21^0 = 10 + 30 + 32 + 73 + 210 & 355 &:= 1^4 + 1^7 + 7^3 + 9^1 + 16^0 = 14 + 17 + 73 + 91 + 160 \\ 355 &:= 1^0 + 3^1 + 7^1 + 7^3 + 17^0 = 10 + 31 + 71 + 73 + 170 & 355 &:= 1^4 + 2^6 + 4^3 + 12^0 + 15^2 = 14 + 26 + 43 + 120 + 152 \\ 355 &:= 1^0 + 3^2 + 4^0 + 7^3 + 20^0 = 10 + 32 + 40 + 73 + 200 & 355 &:= 1^4 + 2^7 + 6^3 + 9^1 + 16^0 = 14 + 27 + 63 + 91 + 160 \\ 355 &:= 1^0 + 3^2 + 5^0 + 7^3 + 19^0 = 10 + 32 + 50 + 73 + 190 & 355 &:= 1^4 + 2^7 + 9^2 + 10^0 + 12^2 = 14 + 27 + 92 + 100 + 122 \\ 355 &:= 1^0 + 3^2 + 6^0 + 7^3 + 18^0 = 10 + 32 + 60 + 73 + 180 & 355 &:= 1^4 + 2^8 + 6^0 + 9^2 + 16^1 = 14 + 28 + 60 + 92 + 161 \\ 355 &:= 1^0 + 3^2 + 7^0 + 7^3 + 17^0 = 10 + 32 + 70 + 73 + 170 & 355 &:= 1^5 + 1^5 + 3^2 + 7^3 + 22^0 = 15 + 15 + 32 + 73 + 220 \\ 355 &:= 1^0 + 3^2 + 7^3 + 10^0 + 14^0 = 10 + 32 + 73 + 100 + 140 & 355 &:= 1^5 + 1^6 + 7^3 + 9^1 + 16^0 = 15 + 16 + 73 + 91 + 160 \\ 355 &:= 1^0 + 3^2 + 7^3 + 11^0 + 13^0 = 10 + 32 + 73 + 110 + 130 & 355 &:= 1^5 + 2^4 + 3^4 + 12^0 + 16^2 = 15 + 24 + 34 + 120 + 162 \\ 355 &:= 1^0 + 3^2 + 7^3 + 12^0 + 12^0 = 10 + 32 + 73 + 120 + 120 & 355 &:= 1^5 + 2^4 + 4^4 + 9^2 + 18^0 = 15 + 24 + 44 + 92 + 180 \\ 355 &:= 1^0 + 3^2 + 7^3 + 8^0 + 16^0 = 10 + 32 + 73 + 80 + 160 & 355 &:= 1^5 + 2^5 + 5^3 + 12^0 + 14^2 = 15 + 25 + 53 + 120 + 142 \\ 355 &:= 1^0 + 3^2 + 7^3 + 9^0 + 15^0 = 10 + 32 + 73 + 90 + 150 & 355 &:= 1^5 + 2^6 + 8^0 + 8^2 + 15^2 = 15 + 26 + 80 + 82 + 152 \\ 355 &:= 1^0 + 4^1 + 5^2 + 7^0 + 18^2 = 10 + 41 + 52 + 70 + 182 & 355 &:= 1^5 + 3^4 + 4^2 + 4^4 + 22^0 = 15 + 34 + 42 + 44 + 220 \\ 355 &:= 1^0 + 4^1 + 6^1 + 7^3 + 17^0 = 10 + 41 + 61 + 73 + 170 & 355 &:= 1^6 + 2^4 + 6^3 + 11^2 + 14^0 = 16 + 24 + 63 + 112 + 140 \\ 355 &:= 1^0 + 5^1 + 5^1 + 7^3 + 17^0 = 10 + 51 + 51 + 73 + 170 & 355 &:= 1^6 + 3^4 + 4^4 + 10^0 + 16^1 = 16 + 34 + 44 + 100 + 161 \\ 355 &:= 1^1 + 1^9 + 3^2 + 7^3 + 22^0 = 11 + 19 + 32 + 73 + 220 & 355 &:= 1^7 + 2^3 + 2^6 + 2^8 + 26^1 = 17 + 23 + 26 + 28 + 261 \\ 355 &:= 1^1 + 2^0 + 7^3 + 9^1 + 16^0 = 11 + 20 + 73 + 91 + 160 & 355 &:= 1^7 + 2^4 + 6^0 + 9^2 + 16^2 = 17 + 24 + 60 + 92 + 162 \\ 355 &:= 1^1 + 2^4 + 2^8 + 9^2 + 20^0 = 11 + 24 + 28 + 92 + 200 & 355 &:= 1^7 + 3^4 + 4^2 + 10^0 + 16^2 = 17 + 34 + 42 + 100 + 162 \\ 355 &:= 1^1 + 2^6 + 2^6 + 14^0 + 15^2 = 11 + 26 + 26 + 140 + 152 & 355 &:= 1^7 + 3^5 + 10^0 + 10^1 + 10^2 = 17 + 35 + 100 + 101 + 102 \\ 355 &:= 1^1 + 2^8 + 3^4 + 4^2 + 24^0 = 11 + 28 + 34 + 42 + 240 & 355 &:= 1^7 + 4^2 + 4^4 + 9^2 + 16^0 = 17 + 42 + 44 + 92 + 160 \\ 355 &:= 1^1 + 3^0 + 7^3 + 9^1 + 15^0 = 11 + 30 + 73 + 91 + 150 & 355 &:= 1^7 + 4^3 + 4^3 + 10^0 + 15^2 = 17 + 43 + 43 + 100 + 152 \\ 355 &:= 1^1 + 4^0 + 7^3 + 9^1 + 14^0 = 11 + 40 + 73 + 91 + 140 & 355 &:= 1^8 + 2^1 + 2^3 + 7^3 + 22^0 = 18 + 21 + 23 + 73 + 220 \\ 355 &:= 1^1 + 5^0 + 7^3 + 9^1 + 13^0 = 11 + 50 + 73 + 91 + 130 & 355 &:= 1^8 + 2^6 + 2^8 + 3^2 + 25^1 = 18 + 26 + 28 + 32 + 251 \\ 355 &:= 1^1 + 6^0 + 7^3 + 9^1 + 12^0 = 11 + 60 + 73 + 91 + 120 & 355 &:= 1^8 + 4^0 + 4^4 + 9^2 + 16^1 = 18 + 40 + 44 + 92 + 161 \\ 355 &:= 1^1 + 7^0 + 7^3 + 9^1 + 11^0 = 11 + 70 + 73 + 91 + 110 & 355 &:= 1^8 + 4^2 + 6^3 + 11^2 + 12^0 = 18 + 42 + 63 + 112 + 120 \\ 355 &:= 1^1 + 7^3 + 8^0 + 9^1 + 10^0 = 11 + 73 + 80 + 91 + 100 & 355 &:= 1^8 + 4^3 + 6^0 + 8^2 + 15^2 = 18 + 43 + 60 + 82 + 152 \\ 355 &:= 1^1 + 7^3 + 9^0 + 9^0 + 9^1 = 11 + 73 + 90 + 90 + 91 & 355 &:= 1^8 + 5^3 + 6^3 + 10^0 + 12^1 = 18 + 53 + 63 + 100 + 121 \\ 355 &:= 1^2 + 1^8 + 3^2 + 7^3 + 22^0 = 12 + 18 + 32 + 73 + 220 & 355 &:= 1^9 + 2^0 + 6^2 + 11^2 + 14^2 = 19 + 20 + 62 + 112 + 142 \\ 355 &:= 1^2 + 1^9 + 7^3 + 9^1 + 16^0 = 12 + 19 + 73 + 91 + 160 & 355 &:= 1^9 + 2^0 + 8^2 + 8^2 + 15^2 = 19 + 20 + 82 + 82 + 152 \\ 355 &:= 1^2 + 2^7 + 3^4 + 12^2 + 16^0 = 12 + 27 + 34 + 122 + 160 & 355 &:= 1^9 + 2^1 + 3^3 + 10^0 + 18^2 = 19 + 21 + 33 + 100 + 182 \\ 355 &:= 1^2 + 2^8 + 3^4 + 12^0 + 16^1 = 12 + 28 + 34 + 120 + 161 & 355 &:= 1^9 + 2^2 + 5^2 + 8^0 + 18^2 = 19 + 22 + 52 + 80 + 182 \\ 355 &:= 1^3 + 1^7 + 3^2 + 7^3 + 22^0 = 13 + 17 + 32 + 73 + 220 & 355 &:= 1^9 + 2^2 + 6^1 + 7^3 + 18^0 = 19 + 22 + 61 + 73 + 180 \\ 355 &:= 1^3 + 1^8 + 7^3 + 9^1 + 16^0 = 13 + 18 + 73 + 91 + 160 & 355 &:= 1^9 + 2^4 + 2^8 + 3^4 + 25^0 = 19 + 24 + 28 + 34 + 250 \\ 355 &:= 1^3 + 2^4 + 3^4 + 4^4 + 24^0 = 13 + 24 + 34 + 44 + 240 & 355 &:= 1^9 + 3^1 + 5^3 + 10^0 + 15^2 = 19 + 31 + 53 + 100 + 152 \end{aligned}$$

$$\begin{aligned}
 355 &:= 1^9 + 4^0 + 4^2 + 9^2 + 16^2 = 19 + 40 + 42 + 92 + 162 \\
 355 &:= 2^0 + 2^0 + 3^2 + 7^3 + 21^0 = 20 + 20 + 32 + 73 + 210 \\
 355 &:= 2^0 + 2^1 + 7^3 + 8^1 + 16^0 = 20 + 21 + 73 + 81 + 160 \\
 355 &:= 2^0 + 3^0 + 3^2 + 7^3 + 20^0 = 20 + 30 + 32 + 73 + 200 \\
 355 &:= 2^0 + 3^1 + 7^1 + 7^3 + 16^0 = 20 + 31 + 71 + 73 + 160 \\
 355 &:= 2^0 + 3^2 + 4^0 + 7^3 + 19^0 = 20 + 32 + 40 + 73 + 190 \\
 355 &:= 2^0 + 3^2 + 5^0 + 7^3 + 18^0 = 20 + 32 + 50 + 73 + 180 \\
 355 &:= 2^0 + 3^2 + 6^0 + 7^3 + 17^0 = 20 + 32 + 60 + 73 + 170 \\
 355 &:= 2^0 + 3^2 + 7^0 + 7^3 + 16^0 = 20 + 32 + 70 + 73 + 160 \\
 355 &:= 2^0 + 3^2 + 7^3 + 10^0 + 13^0 = 20 + 32 + 73 + 100 + 130 \\
 355 &:= 2^0 + 3^2 + 7^3 + 11^0 + 12^0 = 20 + 32 + 73 + 110 + 120 \\
 355 &:= 2^0 + 3^2 + 7^3 + 8^0 + 15^0 = 20 + 32 + 73 + 80 + 150 \\
 355 &:= 2^0 + 3^2 + 7^3 + 9^0 + 14^0 = 20 + 32 + 73 + 90 + 140 \\
 355 &:= 2^0 + 4^1 + 5^2 + 6^0 + 18^2 = 20 + 41 + 52 + 60 + 182 \\
 355 &:= 2^0 + 4^1 + 6^1 + 7^3 + 16^0 = 20 + 41 + 61 + 73 + 160 \\
 355 &:= 2^0 + 5^1 + 5^1 + 7^3 + 16^0 = 20 + 51 + 51 + 73 + 160 \\
 355 &:= 2^1 + 3^0 + 7^3 + 8^1 + 15^0 = 21 + 30 + 73 + 81 + 150 \\
 355 &:= 2^1 + 4^0 + 7^3 + 8^1 + 14^0 = 21 + 40 + 73 + 81 + 140 \\
 355 &:= 2^1 + 5^0 + 7^3 + 8^1 + 13^0 = 21 + 50 + 73 + 81 + 130 \\
 355 &:= 2^1 + 6^0 + 7^3 + 8^1 + 12^0 = 21 + 60 + 73 + 81 + 120 \\
 355 &:= 2^1 + 7^0 + 7^3 + 8^1 + 11^0 = 21 + 70 + 73 + 81 + 110 \\
 355 &:= 2^1 + 7^3 + 8^0 + 8^1 + 10^0 = 21 + 73 + 80 + 81 + 100 \\
 355 &:= 2^1 + 7^3 + 8^1 + 9^0 + 9^0 = 21 + 73 + 81 + 90 + 90 \\
 355 &:= 2^2 + 2^8 + 3^4 + 13^1 + 14^0 = 22 + 28 + 34 + 131 + 140 \\
 355 &:= 2^3 + 2^8 + 3^2 + 9^2 + 18^0 = 23 + 28 + 32 + 92 + 180 \\
 355 &:= 2^4 + 2^5 + 3^4 + 12^0 + 15^2 = 24 + 25 + 34 + 120 + 152 \\
 355 &:= 2^4 + 2^6 + 4^4 + 8^0 + 18^1 = 24 + 26 + 44 + 80 + 181 \\
 355 &:= 2^4 + 2^8 + 4^0 + 8^2 + 18^1 = 24 + 28 + 40 + 82 + 181 \\
 355 &:= 2^6 + 3^3 + 3^5 + 6^0 + 20^1 = 26 + 33 + 35 + 60 + 201 \\
 355 &:= 2^7 + 3^4 + 4^0 + 5^3 + 20^1 = 27 + 34 + 40 + 53 + 201 \\
 355 &:= 2^7 + 3^4 + 8^2 + 9^2 + 12^0 = 27 + 34 + 82 + 92 + 120 \\
 355 &:= 2^8 + 3^2 + 3^4 + 8^1 + 18^0 = 28 + 32 + 34 + 81 + 180 \\
 355 &:= 2^8 + 3^2 + 4^3 + 5^2 + 20^0 = 28 + 32 + 43 + 52 + 200 \\
 355 &:= 2^8 + 3^3 + 4^3 + 7^1 + 18^0 = 28 + 33 + 43 + 71 + 180 \\
 355 &:= 3^0 + 3^0 + 3^2 + 7^3 + 19^0 = 30 + 30 + 32 + 73 + 190 \\
 355 &:= 3^0 + 3^1 + 7^1 + 7^3 + 15^0 = 30 + 31 + 71 + 73 + 150 \\
 355 &:= 3^0 + 3^2 + 4^0 + 7^3 + 18^0 = 30 + 32 + 40 + 73 + 180 \\
 355 &:= 3^0 + 3^2 + 5^0 + 7^3 + 17^0 = 30 + 32 + 50 + 73 + 170
 \end{aligned}$$

$$\begin{aligned}
 355 &:= 3^0 + 3^2 + 6^0 + 7^3 + 16^0 = 30 + 32 + 60 + 73 + 160 \\
 355 &:= 3^0 + 3^2 + 7^0 + 7^3 + 15^0 = 30 + 32 + 70 + 73 + 150 \\
 355 &:= 3^0 + 3^2 + 7^3 + 10^0 + 12^0 = 30 + 32 + 73 + 100 + 120 \\
 355 &:= 3^0 + 3^2 + 7^3 + 11^0 + 11^0 = 30 + 32 + 73 + 110 + 110 \\
 355 &:= 3^0 + 3^2 + 7^3 + 8^0 + 14^0 = 30 + 32 + 73 + 80 + 140 \\
 355 &:= 3^0 + 3^2 + 7^3 + 9^0 + 13^0 = 30 + 32 + 73 + 90 + 130 \\
 355 &:= 3^0 + 4^1 + 5^0 + 5^2 + 18^2 = 30 + 41 + 50 + 52 + 182 \\
 355 &:= 3^0 + 4^1 + 6^1 + 7^3 + 15^0 = 30 + 41 + 61 + 73 + 150 \\
 355 &:= 3^0 + 5^1 + 5^1 + 7^3 + 15^0 = 30 + 51 + 51 + 73 + 150 \\
 355 &:= 3^1 + 4^0 + 7^1 + 7^3 + 14^0 = 31 + 40 + 71 + 73 + 140 \\
 355 &:= 3^1 + 5^0 + 7^1 + 7^3 + 13^0 = 31 + 50 + 71 + 73 + 130 \\
 355 &:= 3^1 + 6^0 + 7^1 + 7^3 + 12^0 = 31 + 60 + 71 + 73 + 120 \\
 355 &:= 3^1 + 7^0 + 7^1 + 7^3 + 11^0 = 31 + 70 + 71 + 73 + 110 \\
 355 &:= 3^1 + 7^1 + 7^3 + 8^0 + 10^0 = 31 + 71 + 73 + 80 + 100 \\
 355 &:= 3^1 + 7^1 + 7^3 + 9^0 + 9^0 = 31 + 71 + 73 + 90 + 90 \\
 355 &:= 3^2 + 4^0 + 4^0 + 7^3 + 17^0 = 32 + 40 + 40 + 73 + 170 \\
 355 &:= 3^2 + 4^0 + 5^0 + 7^3 + 16^0 = 32 + 40 + 50 + 73 + 160 \\
 355 &:= 3^2 + 4^0 + 6^0 + 7^3 + 15^0 = 32 + 40 + 60 + 73 + 150 \\
 355 &:= 3^2 + 4^0 + 7^0 + 7^3 + 14^0 = 32 + 40 + 70 + 73 + 140 \\
 355 &:= 3^2 + 4^0 + 7^3 + 10^0 + 11^0 = 32 + 40 + 73 + 100 + 110 \\
 355 &:= 3^2 + 4^0 + 7^3 + 8^0 + 13^0 = 32 + 40 + 73 + 80 + 130 \\
 355 &:= 3^2 + 4^0 + 7^3 + 9^0 + 12^0 = 32 + 40 + 73 + 90 + 120 \\
 355 &:= 3^2 + 5^0 + 5^0 + 7^3 + 15^0 = 32 + 50 + 50 + 73 + 150 \\
 355 &:= 3^2 + 5^0 + 6^0 + 7^3 + 14^0 = 32 + 50 + 60 + 73 + 140 \\
 355 &:= 3^2 + 5^0 + 7^0 + 7^3 + 13^0 = 32 + 50 + 70 + 73 + 130 \\
 355 &:= 3^2 + 5^0 + 7^3 + 10^0 + 10^0 = 32 + 50 + 73 + 100 + 100 \\
 355 &:= 3^2 + 5^0 + 7^3 + 8^0 + 12^0 = 32 + 50 + 73 + 80 + 120 \\
 355 &:= 3^2 + 5^0 + 7^3 + 9^0 + 11^0 = 32 + 50 + 73 + 90 + 110 \\
 355 &:= 3^2 + 6^0 + 6^0 + 7^3 + 13^0 = 32 + 60 + 60 + 73 + 130 \\
 355 &:= 3^2 + 6^0 + 7^0 + 7^3 + 12^0 = 32 + 60 + 70 + 73 + 120 \\
 355 &:= 3^2 + 6^0 + 7^3 + 8^0 + 11^0 = 32 + 60 + 73 + 80 + 110 \\
 355 &:= 3^2 + 6^0 + 7^3 + 9^0 + 10^0 = 32 + 60 + 73 + 90 + 100 \\
 355 &:= 3^2 + 7^0 + 7^0 + 7^3 + 11^0 = 32 + 70 + 70 + 73 + 110 \\
 355 &:= 3^2 + 7^0 + 7^3 + 8^0 + 10^0 = 32 + 70 + 73 + 80 + 100 \\
 355 &:= 3^2 + 7^0 + 7^3 + 9^0 + 9^0 = 32 + 70 + 73 + 90 + 90 \\
 355 &:= 3^2 + 7^3 + 8^0 + 8^0 + 9^0 = 32 + 73 + 80 + 80 + 90 \\
 355 &:= 4^0 + 4^0 + 4^1 + 5^2 + 18^2 = 40 + 40 + 41 + 52 + 182 \\
 355 &:= 4^0 + 4^1 + 6^1 + 7^3 + 14^0 = 40 + 41 + 61 + 73 + 140
 \end{aligned}$$

$$\begin{aligned}
 355 &:= 4^0 + 5^1 + 5^1 + 7^3 + 14^0 = 40 + 51 + 51 + 73 + 140 \\
 355 &:= 4^1 + 5^0 + 6^1 + 7^3 + 13^0 = 41 + 50 + 61 + 73 + 130 \\
 355 &:= 4^1 + 6^0 + 6^1 + 7^3 + 12^0 = 41 + 60 + 61 + 73 + 120 \\
 355 &:= 4^1 + 6^1 + 7^0 + 7^3 + 11^0 = 41 + 61 + 70 + 73 + 110 \\
 355 &:= 4^1 + 6^1 + 7^3 + 8^0 + 10^0 = 41 + 61 + 73 + 80 + 100 \\
 355 &:= 4^1 + 6^1 + 7^3 + 9^0 + 9^0 = 41 + 61 + 73 + 90 + 90
 \end{aligned}$$

$$\begin{aligned}
 355 &:= 5^0 + 5^1 + 5^1 + 7^3 + 13^0 = 50 + 51 + 51 + 73 + 130 \\
 355 &:= 5^1 + 5^1 + 6^0 + 7^3 + 12^0 = 51 + 51 + 60 + 73 + 120 \\
 355 &:= 5^1 + 5^1 + 7^0 + 7^3 + 11^0 = 51 + 51 + 70 + 73 + 110 \\
 355 &:= 5^1 + 5^1 + 7^3 + 8^0 + 10^0 = 51 + 51 + 73 + 80 + 100 \\
 355 &:= 5^1 + 5^1 + 7^3 + 9^0 + 9^0 = 51 + 51 + 73 + 90 + 90
 \end{aligned}$$

2.2.257 Number 356

$$\begin{aligned}
 356 &:= 1^2 + 7^3 + 11^1 + 16^0 = 12 + 73 + 111 + 160 \\
 356 &:= 2^1 + 4^3 + 12^0 + 17^2 = 21 + 43 + 120 + 172 \\
 356 &:= 2^2 + 7^3 + 8^1 + 18^0 = 22 + 73 + 81 + 180 \\
 356 &:= 3^1 + 3^2 + 7^3 + 22^0 = 31 + 32 + 73 + 220 \\
 356 &:= 3^2 + 6^0 + 11^2 + 15^2 = 32 + 60 + 112 + 152 \\
 356 &:= 3^3 + 4^1 + 10^0 + 18^2 = 33 + 41 + 100 + 182 \\
 356 &:= 4^0 + 7^2 + 9^2 + 15^2 = 40 + 72 + 92 + 152 \\
 356 &:= 5^1 + 5^3 + 10^0 + 15^2 = 51 + 53 + 100 + 152 \\
 356 &:= 1^0 + 1^1 + 4^3 + 12^0 + 17^2 = 10 + 11 + 43 + 120 + 172 \\
 356 &:= 1^0 + 1^2 + 7^3 + 10^1 + 16^0 = 10 + 12 + 73 + 101 + 160 \\
 356 &:= 1^0 + 1^2 + 8^0 + 8^2 + 17^2 = 10 + 12 + 80 + 82 + 172 \\
 356 &:= 1^0 + 1^7 + 2^7 + 15^0 + 15^2 = 10 + 17 + 27 + 150 + 152 \\
 356 &:= 1^0 + 1^8 + 2^6 + 13^0 + 17^2 = 10 + 18 + 26 + 130 + 172 \\
 356 &:= 1^0 + 2^0 + 8^2 + 11^2 + 13^2 = 10 + 20 + 82 + 112 + 132 \\
 356 &:= 1^0 + 2^1 + 3^2 + 7^3 + 22^0 = 10 + 21 + 32 + 73 + 220 \\
 356 &:= 1^0 + 2^2 + 7^1 + 7^3 + 18^0 = 10 + 22 + 71 + 73 + 180 \\
 356 &:= 1^0 + 3^1 + 3^3 + 10^0 + 18^2 = 10 + 31 + 33 + 100 + 182 \\
 356 &:= 1^0 + 4^0 + 4^2 + 13^2 + 13^2 = 10 + 40 + 42 + 132 + 132 \\
 356 &:= 1^0 + 4^0 + 7^2 + 7^2 + 16^2 = 10 + 40 + 72 + 72 + 162 \\
 356 &:= 1^0 + 4^1 + 5^3 + 10^0 + 15^2 = 10 + 41 + 53 + 100 + 152 \\
 356 &:= 1^0 + 4^2 + 6^0 + 7^2 + 17^2 = 10 + 42 + 60 + 72 + 172 \\
 356 &:= 1^1 + 1^1 + 7^3 + 10^1 + 16^0 = 11 + 11 + 73 + 101 + 160 \\
 356 &:= 1^1 + 1^1 + 8^0 + 8^2 + 17^2 = 11 + 11 + 80 + 82 + 172 \\
 356 &:= 1^1 + 1^6 + 2^7 + 15^0 + 15^2 = 11 + 16 + 27 + 150 + 152 \\
 356 &:= 1^1 + 1^7 + 2^6 + 13^0 + 17^2 = 11 + 17 + 26 + 130 + 172 \\
 356 &:= 1^1 + 1^9 + 8^2 + 11^2 + 13^2 = 11 + 19 + 82 + 112 + 132 \\
 356 &:= 1^1 + 2^0 + 4^3 + 11^0 + 17^2 = 11 + 20 + 43 + 110 + 172 \\
 356 &:= 1^1 + 2^1 + 7^3 + 9^1 + 16^0 = 11 + 21 + 73 + 91 + 160 \\
 356 &:= 1^1 + 3^0 + 4^3 + 10^0 + 17^2 = 11 + 30 + 43 + 100 + 172
 \end{aligned}$$

$$\begin{aligned}
 356 &:= 1^1 + 3^1 + 7^3 + 8^1 + 16^0 = 11 + 31 + 73 + 81 + 160 \\
 356 &:= 1^1 + 4^0 + 4^3 + 9^0 + 17^2 = 11 + 40 + 43 + 90 + 172 \\
 356 &:= 1^1 + 4^1 + 7^1 + 7^3 + 16^0 = 11 + 41 + 71 + 73 + 160 \\
 356 &:= 1^1 + 4^3 + 5^0 + 8^0 + 17^2 = 11 + 43 + 50 + 80 + 172 \\
 356 &:= 1^1 + 4^3 + 6^0 + 7^0 + 17^2 = 11 + 43 + 60 + 70 + 172 \\
 356 &:= 1^1 + 5^1 + 5^2 + 6^0 + 18^2 = 11 + 51 + 52 + 60 + 182 \\
 356 &:= 1^1 + 5^1 + 6^1 + 7^3 + 16^0 = 11 + 51 + 61 + 73 + 160 \\
 356 &:= 1^2 + 1^5 + 2^7 + 15^0 + 15^2 = 12 + 15 + 27 + 150 + 152 \\
 356 &:= 1^2 + 1^6 + 2^6 + 13^0 + 17^2 = 12 + 16 + 26 + 130 + 172 \\
 356 &:= 1^2 + 1^8 + 8^2 + 11^2 + 13^2 = 12 + 18 + 82 + 112 + 132 \\
 356 &:= 1^2 + 1^9 + 4^3 + 11^0 + 17^2 = 12 + 19 + 43 + 110 + 172 \\
 356 &:= 1^2 + 2^0 + 7^0 + 8^2 + 17^2 = 12 + 20 + 70 + 82 + 172 \\
 356 &:= 1^2 + 2^0 + 7^3 + 10^1 + 15^0 = 12 + 20 + 73 + 101 + 150 \\
 356 &:= 1^2 + 2^4 + 2^7 + 14^2 + 15^1 = 12 + 24 + 27 + 142 + 151 \\
 356 &:= 1^2 + 2^6 + 3^5 + 5^2 + 23^1 = 12 + 26 + 35 + 52 + 231 \\
 356 &:= 1^2 + 3^0 + 6^0 + 8^2 + 17^2 = 12 + 30 + 60 + 82 + 172 \\
 356 &:= 1^2 + 3^0 + 7^3 + 10^1 + 14^0 = 12 + 30 + 73 + 101 + 140 \\
 356 &:= 1^2 + 4^0 + 5^0 + 8^2 + 17^2 = 12 + 40 + 50 + 82 + 172 \\
 356 &:= 1^2 + 4^0 + 7^3 + 10^1 + 13^0 = 12 + 40 + 73 + 101 + 130 \\
 356 &:= 1^2 + 5^0 + 7^3 + 10^1 + 12^0 = 12 + 50 + 73 + 101 + 120 \\
 356 &:= 1^2 + 6^0 + 7^3 + 10^1 + 11^0 = 12 + 60 + 73 + 101 + 110 \\
 356 &:= 1^2 + 7^0 + 7^3 + 10^0 + 10^1 = 12 + 70 + 73 + 100 + 101 \\
 356 &:= 1^2 + 7^3 + 8^0 + 9^0 + 10^1 = 12 + 73 + 80 + 90 + 101 \\
 356 &:= 1^3 + 1^4 + 2^7 + 15^0 + 15^2 = 13 + 14 + 27 + 150 + 152 \\
 356 &:= 1^3 + 1^5 + 2^6 + 13^0 + 17^2 = 13 + 15 + 26 + 130 + 172 \\
 356 &:= 1^3 + 1^7 + 8^2 + 11^2 + 13^2 = 13 + 17 + 82 + 112 + 132 \\
 356 &:= 1^3 + 1^8 + 4^3 + 11^0 + 17^2 = 13 + 18 + 43 + 110 + 172 \\
 356 &:= 1^3 + 1^9 + 7^0 + 8^2 + 17^2 = 13 + 19 + 70 + 82 + 172 \\
 356 &:= 1^3 + 1^9 + 7^3 + 10^1 + 15^0 = 13 + 19 + 73 + 101 + 150
 \end{aligned}$$

$$\begin{aligned} 356 &:= 1^3 + 2^6 + 3^4 + 14^1 + 14^2 = 13 + 26 + 34 + 141 + 142 \\ 356 &:= 1^3 + 2^8 + 3^4 + 11^0 + 17^1 = 13 + 28 + 34 + 110 + 171 \\ 356 &:= 1^3 + 2^8 + 4^2 + 8^2 + 19^1 = 13 + 28 + 42 + 82 + 191 \\ 356 &:= 1^4 + 1^4 + 2^6 + 13^0 + 17^2 = 14 + 14 + 26 + 130 + 172 \\ 356 &:= 1^4 + 1^6 + 8^2 + 11^2 + 13^2 = 14 + 16 + 82 + 112 + 132 \\ 356 &:= 1^4 + 1^7 + 4^3 + 11^0 + 17^2 = 14 + 17 + 43 + 110 + 172 \\ 356 &:= 1^4 + 1^8 + 7^0 + 8^2 + 17^2 = 14 + 18 + 70 + 82 + 172 \\ 356 &:= 1^4 + 1^8 + 7^3 + 10^1 + 15^0 = 14 + 18 + 73 + 101 + 150 \\ 356 &:= 1^4 + 2^8 + 7^2 + 7^2 + 17^0 = 14 + 28 + 72 + 72 + 170 \\ 356 &:= 1^5 + 1^5 + 8^2 + 11^2 + 13^2 = 15 + 15 + 82 + 112 + 132 \\ 356 &:= 1^5 + 1^6 + 4^3 + 11^0 + 17^2 = 15 + 16 + 43 + 110 + 172 \\ 356 &:= 1^5 + 1^7 + 7^0 + 8^2 + 17^2 = 15 + 17 + 70 + 82 + 172 \\ 356 &:= 1^5 + 1^7 + 7^3 + 10^1 + 15^0 = 15 + 17 + 73 + 101 + 150 \\ 356 &:= 1^5 + 2^4 + 4^4 + 8^2 + 19^1 = 15 + 24 + 44 + 82 + 191 \\ 356 &:= 1^5 + 2^5 + 9^2 + 11^2 + 11^2 = 15 + 25 + 92 + 112 + 112 \\ 356 &:= 1^5 + 2^6 + 5^2 + 10^1 + 16^2 = 15 + 26 + 52 + 101 + 162 \\ 356 &:= 1^5 + 2^7 + 6^3 + 10^1 + 15^0 = 15 + 27 + 63 + 101 + 150 \\ 356 &:= 1^5 + 2^8 + 5^0 + 9^2 + 17^1 = 15 + 28 + 50 + 92 + 171 \\ 356 &:= 1^6 + 1^6 + 7^0 + 8^2 + 17^2 = 16 + 16 + 70 + 82 + 172 \\ 356 &:= 1^6 + 1^6 + 7^3 + 10^1 + 15^0 = 16 + 16 + 73 + 101 + 150 \\ 356 &:= 1^6 + 2^4 + 7^2 + 11^2 + 13^2 = 16 + 24 + 72 + 112 + 132 \\ 356 &:= 1^6 + 2^5 + 5^2 + 9^1 + 17^2 = 16 + 25 + 52 + 91 + 172 \\ 356 &:= 1^6 + 2^5 + 6^1 + 11^2 + 14^2 = 16 + 25 + 61 + 112 + 142 \\ 356 &:= 1^6 + 2^6 + 7^0 + 11^2 + 13^2 = 16 + 26 + 70 + 112 + 132 \\ 356 &:= 1^7 + 2^0 + 2^7 + 14^0 + 15^2 = 17 + 20 + 27 + 140 + 152 \\ 356 &:= 1^7 + 2^2 + 2^4 + 11^1 + 18^2 = 17 + 22 + 24 + 111 + 182 \\ 356 &:= 1^7 + 2^7 + 3^0 + 13^0 + 15^2 = 17 + 27 + 30 + 130 + 152 \\ 356 &:= 1^7 + 2^7 + 4^0 + 12^0 + 15^2 = 17 + 27 + 40 + 120 + 152 \\ 356 &:= 1^7 + 2^7 + 5^0 + 11^0 + 15^2 = 17 + 27 + 50 + 110 + 152 \\ 356 &:= 1^7 + 2^7 + 6^0 + 10^0 + 15^2 = 17 + 27 + 60 + 100 + 152 \\ 356 &:= 1^7 + 2^7 + 7^0 + 9^0 + 15^2 = 17 + 27 + 70 + 90 + 152 \\ 356 &:= 1^7 + 2^7 + 8^0 + 8^0 + 15^2 = 17 + 27 + 80 + 80 + 152 \\ 356 &:= 1^7 + 3^4 + 4^4 + 9^0 + 17^1 = 17 + 34 + 44 + 90 + 171 \\ 356 &:= 1^7 + 4^3 + 7^2 + 11^2 + 11^2 = 17 + 43 + 72 + 112 + 112 \\ 356 &:= 1^8 + 1^9 + 2^7 + 14^0 + 15^2 = 18 + 19 + 27 + 140 + 152 \\ 356 &:= 1^8 + 2^0 + 2^6 + 12^0 + 17^2 = 18 + 20 + 26 + 120 + 172 \\ 356 &:= 1^8 + 2^2 + 6^3 + 11^2 + 14^1 = 18 + 22 + 63 + 112 + 141 \\ 356 &:= 1^8 + 2^4 + 5^0 + 13^2 + 13^2 = 18 + 24 + 50 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 356 &:= 1^8 + 2^4 + 7^0 + 7^2 + 17^2 = 18 + 24 + 70 + 72 + 172 \\ 356 &:= 1^8 + 2^6 + 3^0 + 11^0 + 17^2 = 18 + 26 + 30 + 110 + 172 \\ 356 &:= 1^8 + 2^6 + 4^0 + 10^0 + 17^2 = 18 + 26 + 40 + 100 + 172 \\ 356 &:= 1^8 + 2^6 + 5^0 + 9^0 + 17^2 = 18 + 26 + 50 + 90 + 172 \\ 356 &:= 1^8 + 2^6 + 6^0 + 8^0 + 17^2 = 18 + 26 + 60 + 80 + 172 \\ 356 &:= 1^8 + 2^6 + 7^0 + 7^0 + 17^2 = 18 + 26 + 70 + 70 + 172 \\ 356 &:= 1^8 + 3^5 + 9^0 + 10^2 + 11^1 = 18 + 35 + 90 + 102 + 111 \\ 356 &:= 1^8 + 4^4 + 7^2 + 7^2 + 15^0 = 18 + 44 + 72 + 72 + 150 \\ 356 &:= 1^8 + 5^2 + 5^2 + 7^2 + 16^2 = 18 + 52 + 52 + 72 + 162 \\ 356 &:= 1^8 + 5^2 + 5^3 + 9^1 + 14^2 = 18 + 52 + 53 + 91 + 142 \\ 356 &:= 1^8 + 6^3 + 8^2 + 8^2 + 11^1 = 18 + 63 + 82 + 82 + 111 \\ 356 &:= 1^9 + 1^9 + 2^6 + 12^0 + 17^2 = 19 + 19 + 26 + 120 + 172 \\ 356 &:= 1^9 + 2^1 + 6^2 + 11^2 + 14^2 = 19 + 21 + 62 + 112 + 142 \\ 356 &:= 1^9 + 2^1 + 8^2 + 8^2 + 15^2 = 19 + 21 + 82 + 82 + 152 \\ 356 &:= 1^9 + 2^2 + 5^1 + 11^2 + 15^2 = 19 + 22 + 51 + 112 + 152 \\ 356 &:= 1^9 + 2^2 + 5^3 + 11^0 + 15^2 = 19 + 22 + 53 + 110 + 152 \\ 356 &:= 1^9 + 2^3 + 3^1 + 7^3 + 21^0 = 19 + 23 + 31 + 73 + 210 \\ 356 &:= 1^9 + 2^3 + 5^0 + 11^2 + 15^2 = 19 + 23 + 50 + 112 + 152 \\ 356 &:= 1^9 + 3^0 + 4^4 + 9^2 + 17^1 = 19 + 30 + 44 + 92 + 171 \\ 356 &:= 1^9 + 4^3 + 5^0 + 11^2 + 13^2 = 19 + 43 + 50 + 112 + 132 \\ 356 &:= 1^9 + 5^1 + 5^2 + 6^2 + 17^2 = 19 + 51 + 52 + 62 + 172 \\ 356 &:= 1^9 + 5^3 + 6^3 + 9^0 + 13^1 = 19 + 53 + 63 + 90 + 131 \\ 356 &:= 2^0 + 2^1 + 3^2 + 7^3 + 21^0 = 20 + 21 + 32 + 73 + 210 \\ 356 &:= 2^0 + 2^2 + 7^1 + 7^3 + 17^0 = 20 + 22 + 71 + 73 + 170 \\ 356 &:= 2^0 + 3^0 + 4^2 + 13^2 + 13^2 = 20 + 30 + 42 + 132 + 132 \\ 356 &:= 2^0 + 3^0 + 7^2 + 7^2 + 16^2 = 20 + 30 + 72 + 72 + 162 \\ 356 &:= 2^0 + 3^1 + 3^3 + 9^0 + 18^2 = 20 + 31 + 33 + 90 + 182 \\ 356 &:= 2^0 + 4^1 + 5^3 + 9^0 + 15^2 = 20 + 41 + 53 + 90 + 152 \\ 356 &:= 2^0 + 4^2 + 5^0 + 7^2 + 17^2 = 20 + 42 + 50 + 72 + 172 \\ 356 &:= 2^1 + 2^1 + 7^3 + 8^1 + 16^0 = 21 + 21 + 73 + 81 + 160 \\ 356 &:= 2^1 + 3^0 + 3^2 + 7^3 + 20^0 = 21 + 30 + 32 + 73 + 200 \\ 356 &:= 2^1 + 3^1 + 7^1 + 7^3 + 16^0 = 21 + 31 + 71 + 73 + 160 \\ 356 &:= 2^1 + 3^2 + 4^0 + 7^3 + 19^0 = 21 + 32 + 40 + 73 + 190 \\ 356 &:= 2^1 + 3^2 + 5^0 + 7^3 + 18^0 = 21 + 32 + 50 + 73 + 180 \\ 356 &:= 2^1 + 3^2 + 6^0 + 7^3 + 17^0 = 21 + 32 + 60 + 73 + 170 \\ 356 &:= 2^1 + 3^2 + 7^0 + 7^3 + 16^0 = 21 + 32 + 70 + 73 + 160 \\ 356 &:= 2^1 + 3^2 + 7^3 + 10^0 + 13^0 = 21 + 32 + 73 + 100 + 130 \\ 356 &:= 2^1 + 3^2 + 7^3 + 11^0 + 12^0 = 21 + 32 + 73 + 110 + 120 \end{aligned}$$

$$\begin{aligned}
 356 &:= 2^1 + 3^2 + 7^3 + 8^0 + 15^0 = 21 + 32 + 73 + 80 + 150 \\
 356 &:= 2^1 + 3^2 + 7^3 + 9^0 + 14^0 = 21 + 32 + 73 + 90 + 140 \\
 356 &:= 2^1 + 4^1 + 5^2 + 6^0 + 18^2 = 21 + 41 + 52 + 60 + 182 \\
 356 &:= 2^1 + 4^1 + 6^1 + 7^3 + 16^0 = 21 + 41 + 61 + 73 + 160 \\
 356 &:= 2^1 + 5^1 + 5^1 + 7^3 + 16^0 = 21 + 51 + 51 + 73 + 160 \\
 356 &:= 2^2 + 2^3 + 2^6 + 4^4 + 24^1 = 22 + 23 + 26 + 44 + 241 \\
 356 &:= 2^2 + 2^8 + 3^2 + 4^3 + 23^1 = 22 + 28 + 32 + 43 + 231 \\
 356 &:= 2^2 + 2^8 + 3^3 + 7^2 + 20^1 = 22 + 28 + 33 + 72 + 201 \\
 356 &:= 2^2 + 3^0 + 7^1 + 7^3 + 16^0 = 22 + 30 + 71 + 73 + 160 \\
 356 &:= 2^2 + 4^0 + 7^1 + 7^3 + 15^0 = 22 + 40 + 71 + 73 + 150 \\
 356 &:= 2^2 + 5^0 + 7^1 + 7^3 + 14^0 = 22 + 50 + 71 + 73 + 140 \\
 356 &:= 2^2 + 6^0 + 7^1 + 7^3 + 13^0 = 22 + 60 + 71 + 73 + 130 \\
 356 &:= 2^2 + 7^0 + 7^1 + 7^3 + 12^0 = 22 + 70 + 71 + 73 + 120 \\
 356 &:= 2^2 + 7^1 + 7^3 + 8^0 + 11^0 = 22 + 71 + 73 + 80 + 110 \\
 356 &:= 2^2 + 7^1 + 7^3 + 9^0 + 10^0 = 22 + 71 + 73 + 90 + 100 \\
 356 &:= 2^3 + 2^4 + 2^6 + 12^1 + 16^2 = 23 + 24 + 26 + 121 + 162 \\
 356 &:= 2^3 + 2^6 + 3^3 + 4^4 + 23^0 = 23 + 26 + 33 + 44 + 230 \\
 356 &:= 2^3 + 2^8 + 3^2 + 8^2 + 19^1 = 23 + 28 + 32 + 82 + 191 \\
 356 &:= 2^3 + 2^8 + 3^3 + 8^2 + 19^0 = 23 + 28 + 33 + 82 + 190 \\
 356 &:= 2^3 + 2^8 + 3^4 + 10^1 + 17^0 = 23 + 28 + 34 + 101 + 170 \\
 356 &:= 2^3 + 2^8 + 5^2 + 7^2 + 18^1 = 23 + 28 + 52 + 72 + 181
 \end{aligned}$$

$$\begin{aligned}
 356 &:= 2^4 + 2^5 + 3^5 + 8^2 + 19^0 = 24 + 25 + 35 + 82 + 190 \\
 356 &:= 2^4 + 2^7 + 9^2 + 10^1 + 11^2 = 24 + 27 + 92 + 101 + 112 \\
 356 &:= 2^4 + 2^8 + 4^3 + 7^0 + 19^1 = 24 + 28 + 43 + 70 + 191 \\
 356 &:= 2^5 + 2^6 + 3^1 + 4^4 + 23^0 = 25 + 26 + 31 + 44 + 230 \\
 356 &:= 2^5 + 2^6 + 5^2 + 10^1 + 15^2 = 25 + 26 + 52 + 101 + 152 \\
 356 &:= 2^5 + 2^8 + 3^1 + 8^2 + 19^0 = 25 + 28 + 31 + 82 + 190 \\
 356 &:= 2^5 + 2^8 + 5^0 + 7^2 + 18^1 = 25 + 28 + 50 + 72 + 181 \\
 356 &:= 2^6 + 2^6 + 6^3 + 11^1 + 13^0 = 26 + 26 + 63 + 111 + 130 \\
 356 &:= 2^8 + 3^2 + 3^2 + 3^4 + 23^0 = 28 + 32 + 32 + 34 + 230 \\
 356 &:= 3^0 + 3^1 + 3^3 + 8^0 + 18^2 = 30 + 31 + 33 + 80 + 182 \\
 356 &:= 3^0 + 4^0 + 4^2 + 7^2 + 17^2 = 30 + 40 + 42 + 72 + 172 \\
 356 &:= 3^0 + 4^1 + 5^3 + 8^0 + 15^2 = 30 + 41 + 53 + 80 + 152 \\
 356 &:= 3^1 + 3^1 + 5^2 + 6^0 + 18^2 = 31 + 31 + 52 + 60 + 182 \\
 356 &:= 3^1 + 3^1 + 6^1 + 7^3 + 16^0 = 31 + 31 + 61 + 73 + 160 \\
 356 &:= 3^1 + 3^3 + 4^0 + 7^0 + 18^2 = 31 + 33 + 40 + 70 + 182 \\
 356 &:= 3^1 + 3^3 + 5^0 + 6^0 + 18^2 = 31 + 33 + 50 + 60 + 182 \\
 356 &:= 3^1 + 4^1 + 5^1 + 7^3 + 16^0 = 31 + 41 + 51 + 73 + 160 \\
 356 &:= 4^0 + 4^1 + 5^3 + 7^0 + 15^2 = 40 + 41 + 53 + 70 + 152 \\
 356 &:= 4^1 + 4^1 + 4^1 + 7^3 + 16^0 = 41 + 41 + 41 + 73 + 160 \\
 356 &:= 4^1 + 5^0 + 5^3 + 6^0 + 15^2 = 41 + 50 + 53 + 60 + 152
 \end{aligned}$$

2.2.258 Number 357

$$\begin{aligned}
 357 &:= 2^5 + 15^0 + 18^2 = 25 + 150 + 182 \\
 357 &:= 1^3 + 7^3 + 12^1 + 15^0 = 13 + 73 + 121 + 150 \\
 357 &:= 2^2 + 3^2 + 7^3 + 23^0 = 22 + 32 + 73 + 230 \\
 357 &:= 2^2 + 7^1 + 11^2 + 15^2 = 22 + 71 + 112 + 152 \\
 357 &:= 2^3 + 5^1 + 7^3 + 21^0 = 23 + 51 + 73 + 210 \\
 357 &:= 3^0 + 4^4 + 9^2 + 19^1 = 30 + 44 + 92 + 191 \\
 357 &:= 3^1 + 8^2 + 11^2 + 13^2 = 31 + 82 + 112 + 132 \\
 357 &:= 4^1 + 6^2 + 11^2 + 14^2 = 41 + 62 + 112 + 142 \\
 357 &:= 4^1 + 8^2 + 8^2 + 15^2 = 41 + 82 + 82 + 152 \\
 357 &:= 4^3 + 6^2 + 9^0 + 16^2 = 43 + 62 + 90 + 162 \\
 357 &:= 5^2 + 6^2 + 7^1 + 17^2 = 52 + 62 + 71 + 172 \\
 357 &:= 5^3 + 6^3 + 9^0 + 15^1 = 53 + 63 + 90 + 151 \\
 357 &:= 1^0 + 1^3 + 7^3 + 11^1 + 15^0 = 10 + 13 + 73 + 111 + 150 \\
 357 &:= 1^0 + 2^1 + 8^2 + 11^2 + 13^2 = 10 + 21 + 82 + 112 + 132
 \end{aligned}$$

$$\begin{aligned}
 357 &:= 1^0 + 2^2 + 3^3 + 11^0 + 18^2 = 10 + 22 + 33 + 110 + 182 \\
 357 &:= 1^0 + 2^2 + 6^1 + 11^2 + 15^2 = 10 + 22 + 61 + 112 + 152 \\
 357 &:= 1^0 + 2^3 + 4^1 + 7^3 + 21^0 = 10 + 23 + 41 + 73 + 210 \\
 357 &:= 1^0 + 3^0 + 4^4 + 9^2 + 18^1 = 10 + 30 + 44 + 92 + 181 \\
 357 &:= 1^0 + 3^1 + 6^2 + 11^2 + 14^2 = 10 + 31 + 62 + 112 + 142 \\
 357 &:= 1^0 + 3^1 + 8^2 + 8^2 + 15^2 = 10 + 31 + 82 + 82 + 152 \\
 357 &:= 1^0 + 5^2 + 6^1 + 6^2 + 17^2 = 10 + 52 + 61 + 62 + 172 \\
 357 &:= 1^0 + 5^3 + 6^3 + 9^0 + 14^1 = 10 + 53 + 63 + 90 + 141 \\
 357 &:= 1^1 + 1^2 + 7^3 + 11^1 + 15^0 = 11 + 12 + 73 + 111 + 150 \\
 357 &:= 1^1 + 2^1 + 4^3 + 11^0 + 17^2 = 11 + 21 + 43 + 110 + 172 \\
 357 &:= 1^1 + 2^2 + 7^3 + 8^1 + 17^0 = 11 + 22 + 73 + 81 + 170 \\
 357 &:= 1^1 + 3^0 + 7^2 + 9^2 + 15^2 = 11 + 30 + 72 + 92 + 152 \\
 357 &:= 1^1 + 3^1 + 3^2 + 7^3 + 21^0 = 11 + 31 + 32 + 73 + 210 \\
 357 &:= 1^1 + 3^2 + 5^0 + 11^2 + 15^2 = 11 + 32 + 50 + 112 + 152
 \end{aligned}$$

$$\begin{aligned} 357 &:= 1^1 + 3^3 + 4^1 + 9^0 + 18^2 = 11 + 33 + 41 + 90 + 182 \\ 357 &:= 1^1 + 5^1 + 5^3 + 9^0 + 15^2 = 11 + 51 + 53 + 90 + 152 \\ 357 &:= 1^2 + 2^1 + 7^0 + 8^2 + 17^2 = 12 + 21 + 70 + 82 + 172 \\ 357 &:= 1^2 + 2^1 + 7^3 + 10^1 + 15^0 = 12 + 21 + 73 + 101 + 150 \\ 357 &:= 1^2 + 3^1 + 7^3 + 9^1 + 15^0 = 12 + 31 + 73 + 91 + 150 \\ 357 &:= 1^2 + 4^1 + 7^3 + 8^1 + 15^0 = 12 + 41 + 73 + 81 + 150 \\ 357 &:= 1^2 + 5^0 + 5^2 + 6^1 + 18^2 = 12 + 50 + 52 + 61 + 182 \\ 357 &:= 1^2 + 5^1 + 7^1 + 7^3 + 15^0 = 12 + 51 + 71 + 73 + 150 \\ 357 &:= 1^2 + 6^1 + 6^1 + 7^3 + 15^0 = 12 + 61 + 61 + 73 + 150 \\ 357 &:= 1^3 + 2^0 + 7^3 + 11^1 + 14^0 = 13 + 20 + 73 + 111 + 140 \\ 357 &:= 1^3 + 3^0 + 7^3 + 11^1 + 13^0 = 13 + 30 + 73 + 111 + 130 \\ 357 &:= 1^3 + 4^0 + 7^3 + 11^1 + 12^0 = 13 + 40 + 73 + 111 + 120 \\ 357 &:= 1^3 + 5^0 + 7^3 + 11^0 + 11^1 = 13 + 50 + 73 + 110 + 111 \\ 357 &:= 1^3 + 6^0 + 7^3 + 10^0 + 11^1 = 13 + 60 + 73 + 100 + 111 \\ 357 &:= 1^3 + 7^0 + 7^3 + 9^0 + 11^1 = 13 + 70 + 73 + 90 + 111 \\ 357 &:= 1^3 + 7^3 + 8^0 + 8^0 + 11^1 = 13 + 73 + 80 + 80 + 111 \\ 357 &:= 1^4 + 1^9 + 7^3 + 11^1 + 14^0 = 14 + 19 + 73 + 111 + 140 \\ 357 &:= 1^4 + 2^8 + 3^4 + 10^0 + 18^1 = 14 + 28 + 34 + 100 + 181 \\ 357 &:= 1^5 + 1^8 + 7^3 + 11^1 + 14^0 = 15 + 18 + 73 + 111 + 140 \\ 357 &:= 1^6 + 1^7 + 7^3 + 11^1 + 14^0 = 16 + 17 + 73 + 111 + 140 \\ 357 &:= 1^6 + 2^7 + 6^3 + 11^1 + 14^0 = 16 + 27 + 63 + 111 + 140 \\ 357 &:= 1^6 + 2^8 + 4^0 + 9^2 + 18^1 = 16 + 28 + 40 + 92 + 181 \\ 357 &:= 1^7 + 2^1 + 2^7 + 14^0 + 15^2 = 17 + 21 + 27 + 140 + 152 \\ 357 &:= 1^8 + 2^1 + 2^6 + 12^0 + 17^2 = 18 + 21 + 26 + 120 + 172 \\ 357 &:= 1^8 + 3^4 + 4^4 + 8^0 + 18^1 = 18 + 34 + 44 + 80 + 181 \\ 357 &:= 1^9 + 2^2 + 2^3 + 7^3 + 22^0 = 19 + 22 + 23 + 73 + 220 \\ 357 &:= 1^9 + 3^4 + 7^2 + 8^0 + 15^2 = 19 + 34 + 72 + 80 + 152 \\ 357 &:= 1^9 + 3^5 + 8^0 + 10^2 + 12^1 = 19 + 35 + 80 + 102 + 121 \\ 357 &:= 2^0 + 2^0 + 4^4 + 9^2 + 18^1 = 20 + 20 + 44 + 92 + 181 \\ 357 &:= 2^0 + 2^2 + 3^3 + 10^0 + 18^2 = 20 + 22 + 33 + 100 + 182 \\ 357 &:= 2^0 + 2^3 + 4^1 + 7^3 + 20^0 = 20 + 23 + 41 + 73 + 200 \\ 357 &:= 2^0 + 2^7 + 2^7 + 9^2 + 19^1 = 20 + 27 + 27 + 92 + 191 \\ 357 &:= 2^0 + 5^3 + 6^3 + 8^0 + 14^1 = 20 + 53 + 63 + 80 + 141 \\ 357 &:= 2^1 + 2^1 + 3^2 + 7^3 + 21^0 = 21 + 21 + 32 + 73 + 210 \\ 357 &:= 2^1 + 2^2 + 7^1 + 7^3 + 17^0 = 21 + 22 + 71 + 73 + 170 \\ 357 &:= 2^1 + 3^0 + 4^2 + 13^2 + 13^2 = 21 + 30 + 42 + 132 + 132 \\ 357 &:= 2^1 + 3^0 + 7^2 + 7^2 + 16^2 = 21 + 30 + 72 + 72 + 162 \\ 357 &:= 2^1 + 3^1 + 3^3 + 9^0 + 18^2 = 21 + 31 + 33 + 90 + 182 \end{aligned}$$

$$\begin{aligned} 357 &:= 2^1 + 4^1 + 5^3 + 9^0 + 15^2 = 21 + 41 + 53 + 90 + 152 \\ 357 &:= 2^1 + 4^2 + 5^0 + 7^2 + 17^2 = 21 + 42 + 50 + 72 + 172 \\ 357 &:= 2^2 + 2^5 + 2^6 + 4^4 + 24^0 = 22 + 25 + 26 + 44 + 240 \\ 357 &:= 2^2 + 2^5 + 2^8 + 8^2 + 20^0 = 22 + 25 + 28 + 82 + 200 \\ 357 &:= 2^2 + 3^0 + 3^3 + 9^0 + 18^2 = 22 + 30 + 33 + 90 + 182 \\ 357 &:= 2^2 + 3^1 + 5^2 + 7^0 + 18^2 = 22 + 31 + 52 + 70 + 182 \\ 357 &:= 2^2 + 3^1 + 6^1 + 7^3 + 17^0 = 22 + 31 + 61 + 73 + 170 \\ 357 &:= 2^2 + 3^3 + 4^0 + 8^0 + 18^2 = 22 + 33 + 40 + 80 + 182 \\ 357 &:= 2^2 + 3^3 + 5^0 + 7^0 + 18^2 = 22 + 33 + 50 + 70 + 182 \\ 357 &:= 2^2 + 3^3 + 6^0 + 6^0 + 18^2 = 22 + 33 + 60 + 60 + 182 \\ 357 &:= 2^2 + 4^1 + 5^1 + 7^3 + 17^0 = 22 + 41 + 51 + 73 + 170 \\ 357 &:= 2^3 + 3^0 + 4^1 + 7^3 + 19^0 = 23 + 30 + 41 + 73 + 190 \\ 357 &:= 2^3 + 4^0 + 4^1 + 7^3 + 18^0 = 23 + 40 + 41 + 73 + 180 \\ 357 &:= 2^3 + 4^1 + 5^0 + 7^3 + 17^0 = 23 + 41 + 50 + 73 + 170 \\ 357 &:= 2^3 + 4^1 + 6^0 + 7^3 + 16^0 = 23 + 41 + 60 + 73 + 160 \\ 357 &:= 2^3 + 4^1 + 7^0 + 7^3 + 15^0 = 23 + 41 + 70 + 73 + 150 \\ 357 &:= 2^3 + 4^1 + 7^3 + 10^0 + 12^0 = 23 + 41 + 73 + 100 + 120 \\ 357 &:= 2^3 + 4^1 + 7^3 + 11^0 + 11^0 = 23 + 41 + 73 + 110 + 110 \\ 357 &:= 2^3 + 4^1 + 7^3 + 8^0 + 14^0 = 23 + 41 + 73 + 80 + 140 \\ 357 &:= 2^3 + 4^1 + 7^3 + 9^0 + 13^0 = 23 + 41 + 73 + 90 + 130 \\ 357 &:= 2^4 + 2^4 + 2^7 + 14^0 + 14^2 = 24 + 24 + 27 + 140 + 142 \\ 357 &:= 2^4 + 2^4 + 3^4 + 3^5 + 24^0 = 24 + 24 + 34 + 35 + 240 \\ 357 &:= 2^4 + 2^8 + 3^1 + 3^4 + 24^0 = 24 + 28 + 31 + 34 + 240 \\ 357 &:= 2^5 + 2^5 + 3^5 + 7^2 + 20^0 = 25 + 25 + 35 + 72 + 200 \\ 357 &:= 2^5 + 2^6 + 3^5 + 10^0 + 17^1 = 25 + 26 + 35 + 100 + 171 \\ 357 &:= 2^5 + 2^7 + 3^3 + 13^2 + 14^0 = 25 + 27 + 33 + 132 + 140 \\ 357 &:= 2^5 + 2^8 + 4^1 + 4^3 + 22^0 = 25 + 28 + 41 + 43 + 220 \\ 357 &:= 2^6 + 2^7 + 8^2 + 10^2 + 12^0 = 26 + 27 + 82 + 102 + 120 \\ 357 &:= 2^6 + 2^8 + 4^2 + 6^0 + 20^1 = 26 + 28 + 42 + 60 + 201 \\ 357 &:= 2^6 + 2^8 + 5^2 + 11^1 + 14^0 = 26 + 28 + 52 + 111 + 140 \\ 357 &:= 3^0 + 3^1 + 4^2 + 9^2 + 16^2 = 30 + 31 + 42 + 92 + 162 \\ 357 &:= 3^0 + 3^2 + 4^2 + 7^1 + 18^2 = 30 + 32 + 42 + 71 + 182 \\ 357 &:= 3^0 + 5^3 + 6^3 + 7^0 + 14^1 = 30 + 53 + 63 + 70 + 141 \\ 357 &:= 3^1 + 3^1 + 5^3 + 9^0 + 15^2 = 31 + 31 + 53 + 90 + 152 \\ 357 &:= 4^0 + 5^3 + 6^0 + 6^3 + 14^1 = 40 + 53 + 60 + 63 + 141 \\ 357 &:= 5^0 + 5^0 + 5^3 + 6^3 + 14^1 = 50 + 50 + 53 + 63 + 141 \end{aligned}$$

2.2.259 Number 358

$$\begin{aligned} 358 &:= 1^1 + 2^5 + 14^0 + 18^2 = 11 + 25 + 140 + 182 \\ 358 &:= 1^2 + 4^4 + 10^2 + 20^0 = 12 + 44 + 102 + 200 \\ 358 &:= 1^4 + 7^3 + 13^1 + 14^0 = 14 + 73 + 131 + 140 \\ 358 &:= 1^4 + 8^0 + 10^2 + 16^2 = 14 + 80 + 102 + 162 \\ 358 &:= 1^8 + 2^8 + 10^2 + 21^0 = 18 + 28 + 102 + 210 \\ 358 &:= 3^5 + 8^0 + 10^2 + 14^1 = 35 + 80 + 102 + 141 \\ 358 &:= 4^2 + 5^3 + 6^3 + 20^0 = 42 + 53 + 63 + 200 \\ 358 &:= 1^0 + 1^4 + 7^3 + 12^1 + 14^0 = 10 + 14 + 73 + 121 + 140 \\ 358 &:= 1^0 + 2^4 + 4^2 + 10^0 + 18^2 = 10 + 24 + 42 + 100 + 182 \\ 358 &:= 1^0 + 2^4 + 6^0 + 12^2 + 14^2 = 10 + 24 + 60 + 122 + 142 \\ 358 &:= 1^0 + 3^5 + 8^0 + 10^2 + 13^1 = 10 + 35 + 80 + 102 + 131 \\ 358 &:= 1^0 + 4^4 + 6^2 + 8^2 + 16^0 = 10 + 44 + 62 + 82 + 160 \\ 358 &:= 1^1 + 1^3 + 7^3 + 12^1 + 14^0 = 11 + 13 + 73 + 121 + 140 \\ 358 &:= 1^1 + 2^0 + 4^4 + 9^2 + 19^1 = 11 + 20 + 44 + 92 + 191 \\ 358 &:= 1^1 + 2^2 + 3^2 + 7^3 + 22^0 = 11 + 22 + 32 + 73 + 220 \\ 358 &:= 1^1 + 2^3 + 5^1 + 7^3 + 20^0 = 11 + 23 + 51 + 73 + 200 \\ 358 &:= 1^1 + 2^7 + 2^7 + 9^2 + 20^1 = 11 + 27 + 27 + 92 + 201 \\ 358 &:= 1^1 + 4^3 + 6^2 + 8^0 + 16^2 = 11 + 43 + 62 + 80 + 162 \\ 358 &:= 1^1 + 5^3 + 6^3 + 8^0 + 15^1 = 11 + 53 + 63 + 80 + 151 \\ 358 &:= 1^2 + 1^2 + 7^3 + 12^1 + 14^0 = 12 + 12 + 73 + 121 + 140 \\ 358 &:= 1^2 + 1^9 + 4^4 + 9^2 + 19^1 = 12 + 19 + 44 + 92 + 191 \\ 358 &:= 1^2 + 2^2 + 7^3 + 9^1 + 16^0 = 12 + 22 + 73 + 91 + 160 \\ 358 &:= 1^2 + 2^6 + 2^8 + 6^2 + 23^0 = 12 + 26 + 28 + 62 + 230 \\ 358 &:= 1^2 + 2^7 + 2^7 + 10^2 + 19^0 = 12 + 27 + 27 + 102 + 190 \\ 358 &:= 1^2 + 3^1 + 4^3 + 10^0 + 17^2 = 12 + 31 + 43 + 100 + 172 \\ 358 &:= 1^2 + 3^2 + 4^1 + 7^3 + 20^0 = 12 + 32 + 41 + 73 + 200 \\ 358 &:= 1^2 + 3^3 + 5^1 + 8^0 + 18^2 = 12 + 33 + 51 + 80 + 182 \\ 358 &:= 1^2 + 4^0 + 4^2 + 12^2 + 14^2 = 12 + 40 + 42 + 122 + 142 \\ 358 &:= 1^2 + 4^0 + 6^2 + 8^2 + 16^2 = 12 + 40 + 62 + 82 + 162 \\ 358 &:= 1^2 + 4^2 + 4^2 + 8^0 + 18^2 = 12 + 42 + 42 + 80 + 182 \\ 358 &:= 1^2 + 5^3 + 6^1 + 8^0 + 15^2 = 12 + 53 + 61 + 80 + 152 \\ 358 &:= 1^3 + 1^8 + 4^4 + 9^2 + 19^1 = 13 + 18 + 44 + 92 + 191 \\ 358 &:= 1^3 + 2^1 + 7^3 + 11^1 + 14^0 = 13 + 21 + 73 + 111 + 140 \\ 358 &:= 1^3 + 2^4 + 2^8 + 8^2 + 21^1 = 13 + 24 + 28 + 82 + 211 \\ 358 &:= 1^3 + 2^7 + 3^4 + 5^3 + 23^1 = 13 + 27 + 34 + 53 + 231 \\ 358 &:= 1^3 + 3^1 + 6^0 + 8^2 + 17^2 = 13 + 31 + 60 + 82 + 172 \end{aligned}$$

$$\begin{aligned} 358 &:= 1^3 + 3^1 + 7^3 + 10^1 + 14^0 = 13 + 31 + 73 + 101 + 140 \\ 358 &:= 1^3 + 4^0 + 5^2 + 7^1 + 18^2 = 13 + 40 + 52 + 71 + 182 \\ 358 &:= 1^3 + 4^1 + 7^3 + 9^1 + 14^0 = 13 + 41 + 73 + 91 + 140 \\ 358 &:= 1^3 + 5^1 + 7^3 + 8^1 + 14^0 = 13 + 51 + 73 + 81 + 140 \\ 358 &:= 1^3 + 6^1 + 7^1 + 7^3 + 14^0 = 13 + 61 + 71 + 73 + 140 \\ 358 &:= 1^4 + 1^7 + 4^4 + 9^2 + 19^1 = 14 + 17 + 44 + 92 + 191 \\ 358 &:= 1^4 + 2^0 + 7^3 + 12^1 + 13^0 = 14 + 20 + 73 + 121 + 130 \\ 358 &:= 1^4 + 2^5 + 2^7 + 14^2 + 15^0 = 14 + 25 + 27 + 142 + 150 \\ 358 &:= 1^4 + 2^5 + 3^4 + 3^5 + 25^0 = 14 + 25 + 34 + 35 + 250 \\ 358 &:= 1^4 + 3^0 + 7^3 + 12^0 + 12^1 = 14 + 30 + 73 + 120 + 121 \\ 358 &:= 1^4 + 4^0 + 7^3 + 11^0 + 12^1 = 14 + 40 + 73 + 110 + 121 \\ 358 &:= 1^4 + 5^0 + 7^3 + 10^0 + 12^1 = 14 + 50 + 73 + 100 + 121 \\ 358 &:= 1^4 + 6^0 + 7^3 + 9^0 + 12^1 = 14 + 60 + 73 + 90 + 121 \\ 358 &:= 1^4 + 7^0 + 7^3 + 8^0 + 12^1 = 14 + 70 + 73 + 80 + 121 \\ 358 &:= 1^5 + 1^6 + 4^4 + 9^2 + 19^1 = 15 + 16 + 44 + 92 + 191 \\ 358 &:= 1^5 + 1^9 + 7^3 + 12^1 + 13^0 = 15 + 19 + 73 + 121 + 130 \\ 358 &:= 1^5 + 2^3 + 3^4 + 3^5 + 25^1 = 15 + 23 + 34 + 35 + 251 \\ 358 &:= 1^5 + 2^6 + 3^5 + 7^2 + 21^0 = 15 + 26 + 35 + 72 + 210 \\ 358 &:= 1^5 + 2^8 + 3^4 + 9^0 + 19^1 = 15 + 28 + 34 + 90 + 191 \\ 358 &:= 1^5 + 2^8 + 4^3 + 6^2 + 21^0 = 15 + 28 + 43 + 62 + 210 \\ 358 &:= 1^6 + 1^8 + 7^3 + 12^1 + 13^0 = 16 + 18 + 73 + 121 + 130 \\ 358 &:= 1^6 + 2^5 + 3^5 + 9^2 + 19^0 = 16 + 25 + 35 + 92 + 190 \\ 358 &:= 1^6 + 2^5 + 4^4 + 7^2 + 20^1 = 16 + 25 + 44 + 72 + 201 \\ 358 &:= 1^6 + 2^6 + 4^4 + 6^2 + 21^0 = 16 + 26 + 44 + 62 + 210 \\ 358 &:= 1^6 + 2^7 + 7^2 + 11^1 + 13^2 = 16 + 27 + 72 + 111 + 132 \\ 358 &:= 1^6 + 2^8 + 6^2 + 8^2 + 17^0 = 16 + 28 + 62 + 82 + 170 \\ 358 &:= 1^6 + 3^2 + 3^4 + 3^5 + 24^1 = 16 + 32 + 34 + 35 + 241 \\ 358 &:= 1^6 + 3^3 + 3^5 + 4^3 + 23^1 = 16 + 33 + 35 + 43 + 231 \\ 358 &:= 1^7 + 1^7 + 7^3 + 12^1 + 13^0 = 17 + 17 + 73 + 121 + 130 \\ 358 &:= 1^7 + 2^5 + 9^2 + 10^2 + 12^2 = 17 + 25 + 92 + 102 + 122 \\ 358 &:= 1^7 + 2^7 + 6^3 + 12^1 + 13^0 = 17 + 27 + 63 + 121 + 130 \\ 358 &:= 1^7 + 2^8 + 3^0 + 9^2 + 19^1 = 17 + 28 + 30 + 92 + 191 \\ 358 &:= 1^8 + 2^3 + 3^4 + 12^1 + 16^2 = 18 + 23 + 34 + 121 + 162 \\ 358 &:= 1^8 + 2^4 + 2^4 + 11^0 + 18^2 = 18 + 24 + 24 + 110 + 182 \\ 358 &:= 1^8 + 2^4 + 8^2 + 9^2 + 14^2 = 18 + 24 + 82 + 92 + 142 \\ 358 &:= 1^8 + 2^6 + 6^2 + 9^0 + 16^2 = 18 + 26 + 62 + 90 + 162 \end{aligned}$$

$$\begin{aligned} 358 &:= 1^8 + 2^7 + 3^1 + 13^0 + 15^2 = 18 + 27 + 31 + 130 + 152 \\ 358 &:= 1^8 + 3^5 + 4^2 + 9^2 + 17^1 = 18 + 35 + 42 + 92 + 171 \\ 358 &:= 1^8 + 3^5 + 4^3 + 7^2 + 19^0 = 18 + 35 + 43 + 72 + 190 \\ 358 &:= 1^8 + 3^5 + 7^2 + 7^2 + 16^1 = 18 + 35 + 72 + 72 + 161 \\ 358 &:= 1^8 + 4^2 + 4^3 + 4^4 + 21^1 = 18 + 42 + 43 + 44 + 211 \\ 358 &:= 1^9 + 2^3 + 6^2 + 12^2 + 13^2 = 19 + 23 + 62 + 122 + 132 \\ 358 &:= 1^9 + 2^6 + 3^1 + 11^0 + 17^2 = 19 + 26 + 31 + 110 + 172 \\ 358 &:= 1^9 + 3^2 + 3^4 + 11^1 + 16^2 = 19 + 32 + 34 + 111 + 162 \\ 358 &:= 1^9 + 3^3 + 4^3 + 10^1 + 16^2 = 19 + 33 + 43 + 101 + 162 \\ 358 &:= 1^9 + 3^3 + 6^3 + 10^2 + 14^1 = 19 + 33 + 63 + 102 + 141 \\ 358 &:= 1^9 + 3^4 + 4^4 + 7^0 + 19^1 = 19 + 34 + 44 + 70 + 191 \\ 358 &:= 1^9 + 3^4 + 7^1 + 10^2 + 13^2 = 19 + 34 + 71 + 102 + 132 \\ 358 &:= 1^9 + 3^5 + 7^2 + 8^2 + 15^0 = 19 + 35 + 72 + 82 + 150 \\ 358 &:= 1^9 + 4^3 + 4^4 + 6^2 + 19^0 = 19 + 43 + 44 + 62 + 190 \\ 358 &:= 1^9 + 4^3 + 7^2 + 10^2 + 12^2 = 19 + 43 + 72 + 102 + 122 \\ 358 &:= 1^9 + 4^4 + 6^2 + 7^2 + 16^1 = 19 + 44 + 62 + 72 + 161 \\ 358 &:= 2^0 + 2^1 + 4^4 + 9^2 + 18^1 = 20 + 21 + 44 + 92 + 181 \\ 358 &:= 2^0 + 2^2 + 6^2 + 11^2 + 14^2 = 20 + 22 + 62 + 112 + 142 \\ 358 &:= 2^0 + 2^2 + 8^2 + 8^2 + 15^2 = 20 + 22 + 82 + 82 + 152 \\ 358 &:= 2^0 + 2^3 + 4^2 + 9^1 + 18^2 = 20 + 23 + 42 + 91 + 182 \\ 358 &:= 2^0 + 2^4 + 4^2 + 9^0 + 18^2 = 20 + 24 + 42 + 90 + 182 \\ 358 &:= 2^0 + 2^4 + 5^0 + 12^2 + 14^2 = 20 + 24 + 50 + 122 + 142 \\ 358 &:= 2^0 + 3^1 + 4^4 + 9^2 + 17^1 = 20 + 31 + 44 + 92 + 171 \\ 358 &:= 2^0 + 3^3 + 5^1 + 10^2 + 15^2 = 20 + 33 + 51 + 102 + 152 \\ 358 &:= 2^0 + 3^5 + 7^0 + 10^2 + 13^1 = 20 + 35 + 70 + 102 + 131 \\ 358 &:= 2^0 + 4^1 + 4^4 + 9^2 + 16^1 = 20 + 41 + 44 + 92 + 161 \\ 358 &:= 2^0 + 4^2 + 4^2 + 10^2 + 15^2 = 20 + 42 + 42 + 102 + 152 \\ 358 &:= 2^0 + 4^2 + 6^2 + 7^2 + 16^2 = 20 + 42 + 62 + 72 + 162 \\ 358 &:= 2^0 + 4^3 + 5^1 + 12^2 + 12^2 = 20 + 43 + 51 + 122 + 122 \\ 358 &:= 2^0 + 4^4 + 5^1 + 9^2 + 15^1 = 20 + 44 + 51 + 92 + 151 \\ 358 &:= 2^0 + 4^4 + 6^1 + 9^2 + 14^1 = 20 + 44 + 61 + 92 + 141 \\ 358 &:= 2^0 + 4^4 + 6^2 + 8^2 + 15^0 = 20 + 44 + 62 + 82 + 150 \\ 358 &:= 2^0 + 4^4 + 7^1 + 9^2 + 13^1 = 20 + 44 + 71 + 92 + 131 \\ 358 &:= 2^0 + 4^4 + 8^1 + 9^2 + 12^1 = 20 + 44 + 81 + 92 + 121 \\ 358 &:= 2^0 + 4^4 + 9^1 + 9^2 + 11^1 = 20 + 44 + 91 + 92 + 111 \\ 358 &:= 2^0 + 4^4 + 9^2 + 10^1 + 10^1 = 20 + 44 + 92 + 101 + 101 \\ 358 &:= 2^0 + 5^3 + 7^1 + 9^2 + 12^2 = 20 + 53 + 71 + 92 + 122 \\ 358 &:= 2^0 + 6^3 + 7^2 + 9^2 + 11^1 = 20 + 63 + 72 + 92 + 111 \end{aligned}$$

$$\begin{aligned} 358 &:= 2^1 + 2^2 + 3^3 + 10^0 + 18^2 = 21 + 22 + 33 + 100 + 182 \\ 358 &:= 2^1 + 2^3 + 4^1 + 7^3 + 20^0 = 21 + 23 + 41 + 73 + 200 \\ 358 &:= 2^1 + 2^7 + 2^7 + 9^2 + 19^1 = 21 + 27 + 27 + 92 + 191 \\ 358 &:= 2^1 + 5^3 + 6^3 + 8^0 + 14^1 = 21 + 53 + 63 + 80 + 141 \\ 358 &:= 2^2 + 2^2 + 5^2 + 8^0 + 18^2 = 22 + 22 + 52 + 80 + 182 \\ 358 &:= 2^2 + 2^2 + 6^1 + 7^3 + 18^0 = 22 + 22 + 61 + 73 + 180 \\ 358 &:= 2^2 + 2^4 + 2^8 + 3^4 + 25^0 = 22 + 24 + 28 + 34 + 250 \\ 358 &:= 2^2 + 3^1 + 5^3 + 10^0 + 15^2 = 22 + 31 + 53 + 100 + 152 \\ 358 &:= 2^2 + 4^0 + 4^2 + 9^2 + 16^2 = 22 + 40 + 42 + 92 + 162 \\ 358 &:= 2^3 + 3^1 + 3^1 + 7^3 + 20^0 = 23 + 31 + 31 + 73 + 200 \\ 358 &:= 2^3 + 3^1 + 4^0 + 11^2 + 15^2 = 23 + 31 + 40 + 112 + 152 \\ 358 &:= 2^4 + 3^0 + 4^0 + 12^2 + 14^2 = 24 + 30 + 40 + 122 + 142 \\ 358 &:= 2^4 + 3^0 + 4^2 + 8^0 + 18^2 = 24 + 30 + 42 + 80 + 182 \\ 358 &:= 2^4 + 4^0 + 4^2 + 7^0 + 18^2 = 24 + 40 + 42 + 70 + 182 \\ 358 &:= 2^4 + 4^2 + 5^0 + 6^0 + 18^2 = 24 + 42 + 50 + 60 + 182 \\ 358 &:= 2^5 + 2^8 + 5^2 + 5^2 + 20^1 = 25 + 28 + 52 + 52 + 201 \\ 358 &:= 2^6 + 2^8 + 3^3 + 10^1 + 17^0 = 26 + 28 + 33 + 101 + 170 \\ 358 &:= 2^7 + 2^7 + 3^1 + 9^2 + 18^1 = 27 + 27 + 31 + 92 + 181 \\ 358 &:= 2^7 + 2^7 + 4^1 + 9^2 + 17^1 = 27 + 27 + 41 + 92 + 171 \\ 358 &:= 2^7 + 2^7 + 5^1 + 9^2 + 16^1 = 27 + 27 + 51 + 92 + 161 \\ 358 &:= 2^7 + 2^7 + 6^1 + 9^2 + 15^1 = 27 + 27 + 61 + 92 + 151 \\ 358 &:= 2^7 + 2^7 + 7^1 + 9^2 + 14^1 = 27 + 27 + 71 + 92 + 141 \\ 358 &:= 2^7 + 2^7 + 8^1 + 9^2 + 13^1 = 27 + 27 + 81 + 92 + 131 \\ 358 &:= 2^7 + 2^7 + 9^1 + 9^2 + 12^1 = 27 + 27 + 91 + 92 + 121 \\ 358 &:= 2^7 + 2^7 + 9^2 + 10^1 + 11^1 = 27 + 27 + 92 + 101 + 111 \\ 358 &:= 2^7 + 3^4 + 3^4 + 7^2 + 19^1 = 27 + 34 + 34 + 72 + 191 \\ 358 &:= 2^7 + 3^4 + 4^3 + 4^3 + 21^1 = 27 + 34 + 43 + 43 + 211 \\ 358 &:= 3^0 + 3^5 + 6^0 + 10^2 + 13^1 = 30 + 35 + 60 + 102 + 131 \\ 358 &:= 3^0 + 4^4 + 6^2 + 8^2 + 14^0 = 30 + 44 + 62 + 82 + 140 \\ 358 &:= 3^1 + 4^0 + 4^3 + 11^2 + 13^2 = 31 + 40 + 43 + 112 + 132 \\ 358 &:= 3^1 + 5^3 + 6^3 + 8^0 + 13^1 = 31 + 53 + 63 + 80 + 131 \\ 358 &:= 3^2 + 4^0 + 6^3 + 11^1 + 11^2 = 32 + 40 + 63 + 111 + 112 \\ 358 &:= 3^3 + 4^0 + 5^1 + 6^2 + 17^2 = 33 + 40 + 51 + 62 + 172 \\ 358 &:= 3^5 + 4^0 + 5^0 + 10^2 + 13^1 = 35 + 40 + 50 + 102 + 131 \\ 358 &:= 4^0 + 4^1 + 4^3 + 8^2 + 15^2 = 40 + 41 + 43 + 82 + 152 \\ 358 &:= 4^0 + 4^2 + 4^2 + 6^2 + 17^2 = 40 + 42 + 42 + 62 + 172 \\ 358 &:= 4^0 + 4^4 + 6^2 + 8^2 + 13^0 = 40 + 44 + 62 + 82 + 130 \\ 358 &:= 4^1 + 4^2 + 6^3 + 10^0 + 11^2 = 41 + 42 + 63 + 100 + 112 \end{aligned}$$

$$\begin{aligned}
 358 &:= 4^1 + 5^3 + 6^3 + 8^0 + 12^1 = 41 + 53 + 63 + 80 + 121 \\
 358 &:= 4^4 + 5^0 + 6^2 + 8^2 + 12^0 = 44 + 50 + 62 + 82 + 120 \\
 358 &:= 4^4 + 6^0 + 6^2 + 8^2 + 11^0 = 44 + 60 + 62 + 82 + 110 \\
 358 &:= 4^4 + 6^2 + 7^0 + 8^2 + 10^0 = 44 + 62 + 70 + 82 + 100 \\
 358 &:= 4^4 + 6^2 + 8^0 + 8^2 + 9^0 = 44 + 62 + 80 + 82 + 90 \\
 358 &:= 5^1 + 5^3 + 6^3 + 8^0 + 11^1 = 51 + 53 + 63 + 80 + 111
 \end{aligned}$$

$$\begin{aligned}
 358 &:= 5^1 + 6^2 + 6^3 + 8^0 + 10^2 = 51 + 62 + 63 + 80 + 102 \\
 358 &:= 5^3 + 6^1 + 6^3 + 8^0 + 10^1 = 53 + 61 + 63 + 80 + 101 \\
 358 &:= 5^3 + 6^3 + 7^1 + 8^0 + 9^1 = 53 + 63 + 71 + 80 + 91 \\
 358 &:= 5^3 + 6^3 + 8^0 + 8^1 + 8^1 = 53 + 63 + 80 + 81 + 81
 \end{aligned}$$

2.2.260 Number 359

$$\begin{aligned}
 359 &:= 1^2 + 4^4 + 9^2 + 21^1 = 12 + 44 + 92 + 211 \\
 359 &:= 1^5 + 7^3 + 13^0 + 14^1 = 15 + 73 + 130 + 141 \\
 359 &:= 2^6 + 5^1 + 11^0 + 17^2 = 26 + 51 + 110 + 172 \\
 359 &:= 3^2 + 3^4 + 13^1 + 16^2 = 32 + 34 + 131 + 162 \\
 359 &:= 3^3 + 4^3 + 12^1 + 16^2 = 33 + 43 + 121 + 162 \\
 359 &:= 3^3 + 6^3 + 10^2 + 16^1 = 33 + 63 + 102 + 161 \\
 359 &:= 3^4 + 4^4 + 7^0 + 21^1 = 34 + 44 + 70 + 211 \\
 359 &:= 3^4 + 9^1 + 10^2 + 13^2 = 34 + 91 + 102 + 132 \\
 359 &:= 4^4 + 6^2 + 7^2 + 18^1 = 44 + 62 + 72 + 181 \\
 359 &:= 1^0 + 1^2 + 2^5 + 13^0 + 18^2 = 10 + 12 + 25 + 130 + 182 \\
 359 &:= 1^0 + 1^2 + 4^4 + 9^2 + 20^1 = 10 + 12 + 44 + 92 + 201 \\
 359 &:= 1^0 + 1^3 + 4^4 + 10^2 + 19^0 = 10 + 13 + 44 + 102 + 190 \\
 359 &:= 1^0 + 1^5 + 7^0 + 10^2 + 16^2 = 10 + 15 + 70 + 102 + 162 \\
 359 &:= 1^0 + 1^5 + 7^3 + 13^0 + 13^1 = 10 + 15 + 73 + 130 + 131 \\
 359 &:= 1^0 + 1^9 + 2^8 + 10^2 + 20^0 = 10 + 19 + 28 + 102 + 200 \\
 359 &:= 1^0 + 2^3 + 9^2 + 10^2 + 13^2 = 10 + 23 + 92 + 102 + 132 \\
 359 &:= 1^0 + 2^5 + 6^2 + 9^0 + 17^2 = 10 + 25 + 62 + 90 + 172 \\
 359 &:= 1^0 + 2^5 + 7^0 + 10^2 + 15^2 = 10 + 25 + 70 + 102 + 152 \\
 359 &:= 1^0 + 2^6 + 4^1 + 11^0 + 17^2 = 10 + 26 + 41 + 110 + 172 \\
 359 &:= 1^0 + 3^2 + 3^4 + 12^1 + 16^2 = 10 + 32 + 34 + 121 + 162 \\
 359 &:= 1^0 + 3^3 + 4^3 + 11^1 + 16^2 = 10 + 33 + 43 + 111 + 162 \\
 359 &:= 1^0 + 3^3 + 6^3 + 10^2 + 15^1 = 10 + 33 + 63 + 102 + 151 \\
 359 &:= 1^0 + 3^3 + 9^2 + 9^2 + 13^2 = 10 + 33 + 92 + 92 + 132 \\
 359 &:= 1^0 + 3^4 + 4^4 + 7^0 + 20^1 = 10 + 34 + 44 + 70 + 201 \\
 359 &:= 1^0 + 3^4 + 8^1 + 10^2 + 13^2 = 10 + 34 + 81 + 102 + 132 \\
 359 &:= 1^0 + 4^4 + 6^2 + 7^2 + 17^1 = 10 + 44 + 62 + 72 + 171 \\
 359 &:= 1^1 + 1^1 + 2^5 + 13^0 + 18^2 = 11 + 11 + 25 + 130 + 182 \\
 359 &:= 1^1 + 1^1 + 4^4 + 9^2 + 20^1 = 11 + 11 + 44 + 92 + 201 \\
 359 &:= 1^1 + 1^2 + 4^4 + 10^2 + 19^0 = 11 + 12 + 44 + 102 + 190 \\
 359 &:= 1^1 + 1^4 + 7^0 + 10^2 + 16^2 = 11 + 14 + 70 + 102 + 162
 \end{aligned}$$

$$\begin{aligned}
 359 &:= 1^1 + 1^4 + 7^3 + 13^0 + 13^1 = 11 + 14 + 73 + 130 + 131 \\
 359 &:= 1^1 + 1^8 + 2^8 + 10^2 + 20^0 = 11 + 18 + 28 + 102 + 200 \\
 359 &:= 1^1 + 2^1 + 4^4 + 9^2 + 19^1 = 11 + 21 + 44 + 92 + 191 \\
 359 &:= 1^1 + 2^2 + 8^2 + 11^2 + 13^2 = 11 + 22 + 82 + 112 + 132 \\
 359 &:= 1^1 + 2^3 + 4^2 + 10^1 + 18^2 = 11 + 23 + 42 + 101 + 182 \\
 359 &:= 1^1 + 3^1 + 4^4 + 9^2 + 18^1 = 11 + 31 + 44 + 92 + 181 \\
 359 &:= 1^1 + 3^2 + 6^2 + 12^2 + 13^2 = 11 + 32 + 62 + 122 + 132 \\
 359 &:= 1^1 + 3^3 + 6^1 + 10^2 + 15^2 = 11 + 33 + 61 + 102 + 152 \\
 359 &:= 1^1 + 3^5 + 7^0 + 10^2 + 14^1 = 11 + 35 + 70 + 102 + 141 \\
 359 &:= 1^1 + 4^1 + 4^4 + 9^2 + 17^1 = 11 + 41 + 44 + 92 + 171 \\
 359 &:= 1^1 + 4^2 + 5^2 + 11^2 + 14^2 = 11 + 42 + 52 + 112 + 142 \\
 359 &:= 1^1 + 4^2 + 5^3 + 6^3 + 19^0 = 11 + 42 + 53 + 63 + 190 \\
 359 &:= 1^1 + 4^2 + 6^2 + 9^2 + 15^2 = 11 + 42 + 62 + 92 + 152 \\
 359 &:= 1^1 + 4^3 + 6^1 + 12^2 + 12^2 = 11 + 43 + 61 + 122 + 122 \\
 359 &:= 1^1 + 4^4 + 5^1 + 9^2 + 16^1 = 11 + 44 + 51 + 92 + 161 \\
 359 &:= 1^1 + 4^4 + 6^1 + 9^2 + 15^1 = 11 + 44 + 61 + 92 + 151 \\
 359 &:= 1^1 + 4^4 + 7^1 + 9^2 + 14^1 = 11 + 44 + 71 + 92 + 141 \\
 359 &:= 1^1 + 4^4 + 8^1 + 9^2 + 13^1 = 11 + 44 + 81 + 92 + 131 \\
 359 &:= 1^1 + 4^4 + 9^1 + 9^2 + 12^1 = 11 + 44 + 91 + 92 + 121 \\
 359 &:= 1^1 + 4^4 + 9^2 + 10^1 + 11^1 = 11 + 44 + 92 + 101 + 111 \\
 359 &:= 1^1 + 5^3 + 8^1 + 9^2 + 12^2 = 11 + 53 + 81 + 92 + 122 \\
 359 &:= 1^1 + 6^3 + 7^2 + 9^2 + 12^1 = 11 + 63 + 72 + 92 + 121 \\
 359 &:= 1^2 + 1^3 + 7^0 + 10^2 + 16^2 = 12 + 13 + 70 + 102 + 162 \\
 359 &:= 1^2 + 1^3 + 7^3 + 13^0 + 13^1 = 12 + 13 + 73 + 130 + 131 \\
 359 &:= 1^2 + 1^7 + 2^8 + 10^2 + 20^0 = 12 + 17 + 28 + 102 + 200 \\
 359 &:= 1^2 + 2^0 + 2^5 + 12^0 + 18^2 = 12 + 20 + 25 + 120 + 182 \\
 359 &:= 1^2 + 2^2 + 4^3 + 11^0 + 17^2 = 12 + 22 + 43 + 110 + 172 \\
 359 &:= 1^2 + 2^3 + 5^2 + 9^0 + 18^2 = 12 + 23 + 52 + 90 + 182 \\
 359 &:= 1^2 + 2^3 + 6^1 + 7^3 + 19^0 = 12 + 23 + 61 + 73 + 190 \\
 359 &:= 1^2 + 2^5 + 3^0 + 11^0 + 18^2 = 12 + 25 + 30 + 110 + 182
 \end{aligned}$$

$$\begin{aligned}
 359 &:= 1^2 + 2^5 + 4^0 + 10^0 + 18^2 = 12 + 25 + 40 + 100 + 182 \\
 359 &:= 1^2 + 2^5 + 5^0 + 9^0 + 18^2 = 12 + 25 + 50 + 90 + 182 \\
 359 &:= 1^2 + 2^5 + 6^0 + 8^0 + 18^2 = 12 + 25 + 60 + 80 + 182 \\
 359 &:= 1^2 + 2^5 + 7^0 + 7^0 + 18^2 = 12 + 25 + 70 + 70 + 182 \\
 359 &:= 1^2 + 3^1 + 7^2 + 9^2 + 15^2 = 12 + 31 + 72 + 92 + 152 \\
 359 &:= 1^2 + 3^2 + 4^2 + 9^1 + 18^2 = 12 + 32 + 42 + 91 + 182 \\
 359 &:= 1^2 + 4^1 + 4^2 + 13^2 + 13^2 = 12 + 41 + 42 + 132 + 132 \\
 359 &:= 1^2 + 4^1 + 7^2 + 7^2 + 16^2 = 12 + 41 + 72 + 72 + 162 \\
 359 &:= 1^2 + 4^2 + 5^1 + 9^2 + 16^2 = 12 + 42 + 51 + 92 + 162 \\
 359 &:= 1^2 + 5^3 + 6^2 + 9^0 + 14^2 = 12 + 53 + 62 + 90 + 142 \\
 359 &:= 1^2 + 5^3 + 6^3 + 7^0 + 16^1 = 12 + 53 + 63 + 70 + 161 \\
 359 &:= 1^3 + 1^6 + 2^8 + 10^2 + 20^0 = 13 + 16 + 28 + 102 + 200 \\
 359 &:= 1^3 + 1^9 + 2^5 + 12^0 + 18^2 = 13 + 19 + 25 + 120 + 182 \\
 359 &:= 1^3 + 2^0 + 4^4 + 10^2 + 18^0 = 13 + 20 + 44 + 102 + 180 \\
 359 &:= 1^3 + 2^2 + 7^0 + 8^2 + 17^2 = 13 + 22 + 70 + 82 + 172 \\
 359 &:= 1^3 + 2^2 + 7^3 + 10^1 + 15^0 = 13 + 22 + 73 + 101 + 150 \\
 359 &:= 1^3 + 3^0 + 4^4 + 10^2 + 17^0 = 13 + 30 + 44 + 102 + 170 \\
 359 &:= 1^3 + 3^2 + 5^1 + 7^3 + 19^0 = 13 + 32 + 51 + 73 + 190 \\
 359 &:= 1^3 + 3^3 + 6^1 + 7^0 + 18^2 = 13 + 33 + 61 + 70 + 182 \\
 359 &:= 1^3 + 4^0 + 4^4 + 10^2 + 16^0 = 13 + 40 + 44 + 102 + 160 \\
 359 &:= 1^3 + 4^1 + 4^3 + 9^0 + 17^2 = 13 + 41 + 43 + 90 + 172 \\
 359 &:= 1^3 + 4^4 + 10^0 + 10^0 + 10^2 = 13 + 44 + 100 + 100 + 102 \\
 359 &:= 1^3 + 4^4 + 5^0 + 10^2 + 15^0 = 13 + 44 + 50 + 102 + 150 \\
 359 &:= 1^3 + 4^4 + 6^0 + 10^2 + 14^0 = 13 + 44 + 60 + 102 + 140 \\
 359 &:= 1^3 + 4^4 + 7^0 + 10^2 + 13^0 = 13 + 44 + 70 + 102 + 130 \\
 359 &:= 1^3 + 4^4 + 8^0 + 10^2 + 12^0 = 13 + 44 + 80 + 102 + 120 \\
 359 &:= 1^3 + 4^4 + 9^0 + 10^2 + 11^0 = 13 + 44 + 90 + 102 + 110 \\
 359 &:= 1^3 + 5^3 + 7^0 + 7^1 + 15^2 = 13 + 53 + 70 + 71 + 152 \\
 359 &:= 1^4 + 1^5 + 2^8 + 10^2 + 20^0 = 14 + 15 + 28 + 102 + 200 \\
 359 &:= 1^4 + 1^8 + 2^5 + 12^0 + 18^2 = 14 + 18 + 25 + 120 + 182 \\
 359 &:= 1^4 + 1^9 + 4^4 + 10^2 + 18^0 = 14 + 19 + 44 + 102 + 180 \\
 359 &:= 1^4 + 2^1 + 7^3 + 12^1 + 13^0 = 14 + 21 + 73 + 121 + 130 \\
 359 &:= 1^4 + 3^0 + 5^2 + 8^1 + 18^2 = 14 + 30 + 52 + 81 + 182 \\
 359 &:= 1^4 + 3^1 + 7^3 + 11^1 + 13^0 = 14 + 31 + 73 + 111 + 130 \\
 359 &:= 1^4 + 4^1 + 5^0 + 8^2 + 17^2 = 14 + 41 + 50 + 82 + 172 \\
 359 &:= 1^4 + 4^1 + 7^3 + 10^1 + 13^0 = 14 + 41 + 73 + 101 + 130 \\
 359 &:= 1^4 + 5^1 + 7^3 + 9^1 + 13^0 = 14 + 51 + 73 + 91 + 130 \\
 359 &:= 1^4 + 6^1 + 7^3 + 8^1 + 13^0 = 14 + 61 + 73 + 81 + 130
 \end{aligned}$$

$$\begin{aligned}
 359 &:= 1^4 + 7^1 + 7^1 + 7^3 + 13^0 = 14 + 71 + 71 + 73 + 130 \\
 359 &:= 1^5 + 1^7 + 2^5 + 12^0 + 18^2 = 15 + 17 + 25 + 120 + 182 \\
 359 &:= 1^5 + 1^8 + 4^4 + 10^2 + 18^0 = 15 + 18 + 44 + 102 + 180 \\
 359 &:= 1^5 + 2^0 + 6^0 + 10^2 + 16^2 = 15 + 20 + 60 + 102 + 162 \\
 359 &:= 1^5 + 2^0 + 7^3 + 12^0 + 13^1 = 15 + 20 + 73 + 120 + 131 \\
 359 &:= 1^5 + 3^0 + 5^0 + 10^2 + 16^2 = 15 + 30 + 50 + 102 + 162 \\
 359 &:= 1^5 + 3^0 + 7^3 + 11^0 + 13^1 = 15 + 30 + 73 + 110 + 131 \\
 359 &:= 1^5 + 4^0 + 4^0 + 10^2 + 16^2 = 15 + 40 + 40 + 102 + 162 \\
 359 &:= 1^5 + 4^0 + 7^3 + 10^0 + 13^1 = 15 + 40 + 73 + 100 + 131 \\
 359 &:= 1^5 + 5^0 + 7^3 + 9^0 + 13^1 = 15 + 50 + 73 + 90 + 131 \\
 359 &:= 1^5 + 6^0 + 7^3 + 8^0 + 13^1 = 15 + 60 + 73 + 80 + 131 \\
 359 &:= 1^5 + 7^0 + 7^0 + 7^3 + 13^1 = 15 + 70 + 70 + 73 + 131 \\
 359 &:= 1^6 + 1^6 + 2^5 + 12^0 + 18^2 = 16 + 16 + 25 + 120 + 182 \\
 359 &:= 1^6 + 1^7 + 4^4 + 10^2 + 18^0 = 16 + 17 + 44 + 102 + 180 \\
 359 &:= 1^6 + 1^9 + 6^0 + 10^2 + 16^2 = 16 + 19 + 60 + 102 + 162 \\
 359 &:= 1^6 + 1^9 + 7^3 + 12^0 + 13^1 = 16 + 19 + 73 + 120 + 131 \\
 359 &:= 1^6 + 2^8 + 3^4 + 8^0 + 20^1 = 16 + 28 + 34 + 80 + 201 \\
 359 &:= 1^7 + 1^8 + 6^0 + 10^2 + 16^2 = 17 + 18 + 60 + 102 + 162 \\
 359 &:= 1^7 + 1^8 + 7^3 + 12^0 + 13^1 = 17 + 18 + 73 + 120 + 131 \\
 359 &:= 1^8 + 2^0 + 2^8 + 9^2 + 20^1 = 18 + 20 + 28 + 92 + 201 \\
 359 &:= 1^8 + 2^2 + 2^7 + 14^0 + 15^2 = 18 + 22 + 27 + 140 + 152 \\
 359 &:= 1^8 + 2^7 + 6^3 + 12^0 + 13^1 = 18 + 27 + 63 + 120 + 131 \\
 359 &:= 1^9 + 1^9 + 2^8 + 9^2 + 20^1 = 19 + 19 + 28 + 92 + 201 \\
 359 &:= 1^9 + 2^0 + 2^8 + 10^2 + 19^0 = 19 + 20 + 28 + 102 + 190 \\
 359 &:= 1^9 + 2^2 + 2^6 + 12^0 + 17^2 = 19 + 22 + 26 + 120 + 172 \\
 359 &:= 1^9 + 2^4 + 5^3 + 6^3 + 20^0 = 19 + 24 + 53 + 63 + 200 \\
 359 &:= 1^9 + 2^7 + 4^1 + 12^0 + 15^2 = 19 + 27 + 41 + 120 + 152 \\
 359 &:= 1^9 + 2^8 + 10^0 + 10^2 + 11^0 = 19 + 28 + 100 + 102 + 110 \\
 359 &:= 1^9 + 2^8 + 3^0 + 10^2 + 18^0 = 19 + 28 + 30 + 102 + 180 \\
 359 &:= 1^9 + 2^8 + 4^0 + 10^2 + 17^0 = 19 + 28 + 40 + 102 + 170 \\
 359 &:= 1^9 + 2^8 + 5^0 + 10^2 + 16^0 = 19 + 28 + 50 + 102 + 160 \\
 359 &:= 1^9 + 2^8 + 6^0 + 10^2 + 15^0 = 19 + 28 + 60 + 102 + 150 \\
 359 &:= 1^9 + 2^8 + 7^0 + 10^2 + 14^0 = 19 + 28 + 70 + 102 + 140 \\
 359 &:= 1^9 + 2^8 + 8^0 + 10^2 + 13^0 = 19 + 28 + 80 + 102 + 130 \\
 359 &:= 1^9 + 2^8 + 9^0 + 10^2 + 12^0 = 19 + 28 + 90 + 102 + 120 \\
 359 &:= 2^0 + 2^5 + 6^0 + 10^2 + 15^2 = 20 + 25 + 60 + 102 + 152 \\
 359 &:= 2^0 + 2^5 + 6^2 + 8^0 + 17^2 = 20 + 25 + 62 + 80 + 172 \\
 359 &:= 2^0 + 2^6 + 4^1 + 10^0 + 17^2 = 20 + 26 + 41 + 100 + 172
 \end{aligned}$$

$$\begin{aligned} 359 &:= 2^0 + 3^4 + 4^4 + 6^0 + 20^1 = 20 + 34 + 44 + 60 + 201 \\ 359 &:= 2^1 + 2^1 + 4^4 + 9^2 + 18^1 = 21 + 21 + 44 + 92 + 181 \\ 359 &:= 2^1 + 2^2 + 6^2 + 11^2 + 14^2 = 21 + 22 + 62 + 112 + 142 \\ 359 &:= 2^1 + 2^2 + 8^2 + 8^2 + 15^2 = 21 + 22 + 82 + 82 + 152 \\ 359 &:= 2^1 + 2^3 + 4^2 + 9^1 + 18^2 = 21 + 23 + 42 + 91 + 182 \\ 359 &:= 2^1 + 2^4 + 4^2 + 9^0 + 18^2 = 21 + 24 + 42 + 90 + 182 \\ 359 &:= 2^1 + 2^4 + 5^0 + 12^2 + 14^2 = 21 + 24 + 50 + 122 + 142 \\ 359 &:= 2^1 + 3^1 + 4^4 + 9^2 + 17^1 = 21 + 31 + 44 + 92 + 171 \\ 359 &:= 2^1 + 3^3 + 5^1 + 10^2 + 15^2 = 21 + 33 + 51 + 102 + 152 \\ 359 &:= 2^1 + 3^5 + 7^0 + 10^2 + 13^1 = 21 + 35 + 70 + 102 + 131 \\ 359 &:= 2^1 + 4^1 + 4^4 + 9^2 + 16^1 = 21 + 41 + 44 + 92 + 161 \\ 359 &:= 2^1 + 4^2 + 4^2 + 10^2 + 15^2 = 21 + 42 + 42 + 102 + 152 \\ 359 &:= 2^1 + 4^2 + 6^2 + 7^2 + 16^2 = 21 + 42 + 62 + 72 + 162 \\ 359 &:= 2^1 + 4^3 + 5^1 + 12^2 + 12^2 = 21 + 43 + 51 + 122 + 122 \\ 359 &:= 2^1 + 4^4 + 5^1 + 9^2 + 15^1 = 21 + 44 + 51 + 92 + 151 \\ 359 &:= 2^1 + 4^4 + 6^1 + 9^2 + 14^1 = 21 + 44 + 61 + 92 + 141 \\ 359 &:= 2^1 + 4^4 + 6^2 + 8^2 + 15^0 = 21 + 44 + 62 + 82 + 150 \\ 359 &:= 2^1 + 4^4 + 7^1 + 9^2 + 13^1 = 21 + 44 + 71 + 92 + 131 \\ 359 &:= 2^1 + 4^4 + 8^1 + 9^2 + 12^1 = 21 + 44 + 81 + 92 + 121 \\ 359 &:= 2^1 + 4^4 + 9^1 + 9^2 + 11^1 = 21 + 44 + 91 + 92 + 111 \\ 359 &:= 2^1 + 4^4 + 9^2 + 10^1 + 10^1 = 21 + 44 + 92 + 101 + 101 \\ 359 &:= 2^1 + 5^3 + 7^1 + 9^2 + 12^2 = 21 + 53 + 71 + 92 + 122 \\ 359 &:= 2^1 + 6^3 + 7^2 + 9^2 + 11^1 = 21 + 63 + 72 + 92 + 111 \\ 359 &:= 2^2 + 2^2 + 5^1 + 11^2 + 15^2 = 22 + 22 + 51 + 112 + 152 \\ 359 &:= 2^2 + 2^2 + 5^3 + 11^0 + 15^2 = 22 + 22 + 53 + 110 + 152 \\ 359 &:= 2^2 + 2^3 + 3^1 + 7^3 + 21^0 = 22 + 23 + 31 + 73 + 210 \\ 359 &:= 2^2 + 2^3 + 5^0 + 11^2 + 15^2 = 22 + 23 + 50 + 112 + 152 \\ 359 &:= 2^2 + 3^0 + 4^4 + 9^2 + 17^1 = 22 + 30 + 44 + 92 + 171 \\ 359 &:= 2^2 + 4^3 + 5^0 + 11^2 + 13^2 = 22 + 43 + 50 + 112 + 132 \\ 359 &:= 2^2 + 5^1 + 5^2 + 6^2 + 17^2 = 22 + 51 + 52 + 62 + 172 \\ 359 &:= 2^2 + 5^3 + 6^3 + 9^0 + 13^1 = 22 + 53 + 63 + 90 + 131 \\ 359 &:= 2^3 + 3^0 + 5^2 + 10^2 + 15^2 = 23 + 30 + 52 + 102 + 152 \\ 359 &:= 2^3 + 3^0 + 6^3 + 11^2 + 13^1 = 23 + 30 + 63 + 112 + 131 \\ 359 &:= 2^3 + 3^1 + 4^2 + 8^1 + 18^2 = 23 + 31 + 42 + 81 + 182 \\ 359 &:= 2^3 + 4^1 + 4^2 + 7^1 + 18^2 = 23 + 41 + 42 + 71 + 182 \\ 359 &:= 2^3 + 4^2 + 5^1 + 6^1 + 18^2 = 23 + 42 + 51 + 61 + 182 \\ 359 &:= 2^3 + 5^0 + 5^2 + 6^2 + 17^2 = 23 + 50 + 52 + 62 + 172 \\ 359 &:= 2^4 + 2^6 + 2^8 + 6^0 + 22^1 = 24 + 26 + 28 + 60 + 221 \end{aligned}$$

$$\begin{aligned} 359 &:= 2^4 + 3^0 + 3^2 + 9^1 + 18^2 = 24 + 30 + 32 + 91 + 182 \\ 359 &:= 2^4 + 3^0 + 4^1 + 13^2 + 13^2 = 24 + 30 + 41 + 132 + 132 \\ 359 &:= 2^4 + 3^0 + 5^1 + 9^2 + 16^2 = 24 + 30 + 51 + 92 + 162 \\ 359 &:= 2^4 + 4^1 + 5^0 + 7^2 + 17^2 = 24 + 41 + 50 + 72 + 172 \\ 359 &:= 2^5 + 3^0 + 5^0 + 10^2 + 15^2 = 25 + 30 + 50 + 102 + 152 \\ 359 &:= 2^5 + 3^0 + 6^2 + 7^0 + 17^2 = 25 + 30 + 62 + 70 + 172 \\ 359 &:= 2^5 + 4^0 + 4^0 + 10^2 + 15^2 = 25 + 40 + 40 + 102 + 152 \\ 359 &:= 2^5 + 4^0 + 6^0 + 6^2 + 17^2 = 25 + 40 + 60 + 62 + 172 \\ 359 &:= 2^5 + 5^0 + 5^0 + 6^2 + 17^2 = 25 + 50 + 50 + 62 + 172 \\ 359 &:= 2^6 + 3^0 + 4^1 + 9^0 + 17^2 = 26 + 30 + 41 + 90 + 172 \\ 359 &:= 2^6 + 4^0 + 4^1 + 8^0 + 17^2 = 26 + 40 + 41 + 80 + 172 \\ 359 &:= 2^6 + 4^1 + 5^0 + 7^0 + 17^2 = 26 + 41 + 50 + 70 + 172 \\ 359 &:= 2^6 + 4^1 + 6^0 + 6^0 + 17^2 = 26 + 41 + 60 + 60 + 172 \\ 359 &:= 2^7 + 2^7 + 3^4 + 6^0 + 21^1 = 27 + 27 + 34 + 60 + 211 \\ 359 &:= 3^0 + 3^3 + 5^2 + 9^2 + 15^2 = 30 + 33 + 52 + 92 + 152 \\ 359 &:= 3^0 + 3^3 + 5^3 + 10^1 + 14^2 = 30 + 33 + 53 + 101 + 142 \\ 359 &:= 3^0 + 3^4 + 4^4 + 5^0 + 20^1 = 30 + 34 + 44 + 50 + 201 \\ 359 &:= 3^0 + 4^3 + 5^2 + 10^2 + 13^2 = 30 + 43 + 52 + 102 + 132 \\ 359 &:= 3^0 + 4^3 + 6^3 + 8^2 + 14^1 = 30 + 43 + 63 + 82 + 141 \\ 359 &:= 3^0 + 4^3 + 7^2 + 7^2 + 14^2 = 30 + 43 + 72 + 72 + 142 \\ 359 &:= 3^1 + 3^1 + 4^4 + 9^2 + 16^1 = 31 + 31 + 44 + 92 + 161 \\ 359 &:= 3^1 + 3^2 + 3^2 + 13^2 + 13^2 = 31 + 32 + 32 + 132 + 132 \\ 359 &:= 3^1 + 3^3 + 4^1 + 10^2 + 15^2 = 31 + 33 + 41 + 102 + 152 \\ 359 &:= 3^1 + 3^4 + 7^0 + 7^2 + 15^2 = 31 + 34 + 70 + 72 + 152 \\ 359 &:= 3^1 + 3^5 + 7^0 + 10^2 + 12^1 = 31 + 35 + 70 + 102 + 121 \\ 359 &:= 3^1 + 4^1 + 4^3 + 12^2 + 12^2 = 31 + 41 + 43 + 122 + 122 \\ 359 &:= 3^1 + 4^1 + 4^4 + 9^2 + 15^1 = 31 + 41 + 44 + 92 + 151 \\ 359 &:= 3^1 + 4^4 + 5^1 + 9^2 + 14^1 = 31 + 44 + 51 + 92 + 141 \\ 359 &:= 3^1 + 4^4 + 6^1 + 9^2 + 13^1 = 31 + 44 + 61 + 92 + 131 \\ 359 &:= 3^1 + 4^4 + 7^1 + 9^2 + 12^1 = 31 + 44 + 71 + 92 + 121 \\ 359 &:= 3^1 + 4^4 + 8^1 + 9^2 + 11^1 = 31 + 44 + 81 + 92 + 111 \\ 359 &:= 3^1 + 4^4 + 9^1 + 9^2 + 10^1 = 31 + 44 + 91 + 92 + 101 \\ 359 &:= 3^1 + 5^3 + 6^1 + 9^2 + 12^2 = 31 + 53 + 61 + 92 + 122 \\ 359 &:= 3^1 + 6^3 + 7^2 + 9^2 + 10^1 = 31 + 63 + 72 + 92 + 101 \\ 359 &:= 3^2 + 3^2 + 3^2 + 8^1 + 18^2 = 32 + 32 + 32 + 81 + 182 \\ 359 &:= 3^2 + 3^2 + 4^1 + 9^2 + 16^2 = 32 + 32 + 41 + 92 + 162 \\ 359 &:= 3^2 + 4^4 + 7^0 + 9^2 + 12^1 = 32 + 44 + 70 + 92 + 121 \\ 359 &:= 3^2 + 5^3 + 6^3 + 8^1 + 13^0 = 32 + 53 + 63 + 81 + 130 \end{aligned}$$

$$\begin{aligned}
 359 &:= 3^4 + 4^0 + 4^0 + 4^4 + 20^1 = 34 + 40 + 40 + 44 + 201 \\
 359 &:= 3^4 + 4^2 + 5^1 + 7^0 + 16^2 = 34 + 42 + 51 + 70 + 162 \\
 359 &:= 3^5 + 4^1 + 7^0 + 10^2 + 11^1 = 35 + 41 + 70 + 102 + 111 \\
 359 &:= 3^5 + 5^1 + 7^0 + 10^1 + 10^2 = 35 + 51 + 70 + 101 + 102 \\
 359 &:= 3^5 + 6^1 + 7^0 + 9^1 + 10^2 = 35 + 61 + 70 + 91 + 102 \\
 359 &:= 3^5 + 7^0 + 7^1 + 8^1 + 10^2 = 35 + 70 + 71 + 81 + 102 \\
 359 &:= 4^1 + 4^1 + 4^4 + 9^2 + 14^1 = 41 + 41 + 44 + 92 + 141 \\
 359 &:= 4^1 + 4^2 + 5^2 + 5^2 + 17^2 = 41 + 42 + 52 + 52 + 172 \\
 359 &:= 4^1 + 4^4 + 5^1 + 9^2 + 13^1 = 41 + 44 + 51 + 92 + 131 \\
 359 &:= 4^1 + 4^4 + 6^1 + 9^2 + 12^1 = 41 + 44 + 61 + 92 + 121 \\
 359 &:= 4^1 + 4^4 + 7^1 + 9^2 + 11^1 = 41 + 44 + 71 + 92 + 111 \\
 359 &:= 4^1 + 4^4 + 7^2 + 7^2 + 13^0 = 41 + 44 + 72 + 72 + 130 \\
 359 &:= 4^1 + 4^4 + 8^1 + 9^2 + 10^1 = 41 + 44 + 81 + 92 + 101 \\
 359 &:= 4^1 + 4^4 + 9^1 + 9^1 + 9^2 = 41 + 44 + 91 + 91 + 92 \\
 359 &:= 4^1 + 5^1 + 5^3 + 9^2 + 12^2 = 41 + 51 + 53 + 92 + 122 \\
 359 &:= 4^1 + 6^3 + 7^2 + 9^1 + 9^2 = 41 + 63 + 72 + 91 + 92 \\
 359 &:= 4^2 + 4^4 + 5^1 + 9^2 + 13^0 = 42 + 44 + 51 + 92 + 130
 \end{aligned}$$

$$\begin{aligned}
 359 &:= 4^3 + 4^3 + 5^1 + 7^0 + 15^2 = 43 + 43 + 51 + 70 + 152 \\
 359 &:= 4^4 + 5^0 + 5^2 + 8^2 + 13^1 = 44 + 50 + 52 + 82 + 131 \\
 359 &:= 4^4 + 5^1 + 5^1 + 9^2 + 12^1 = 44 + 51 + 51 + 92 + 121 \\
 359 &:= 4^4 + 5^1 + 6^1 + 9^2 + 11^1 = 44 + 51 + 61 + 92 + 111 \\
 359 &:= 4^4 + 5^1 + 7^1 + 9^2 + 10^1 = 44 + 51 + 71 + 92 + 101 \\
 359 &:= 4^4 + 5^1 + 8^1 + 9^1 + 9^2 = 44 + 51 + 81 + 91 + 92 \\
 359 &:= 4^4 + 6^1 + 6^1 + 9^2 + 10^1 = 44 + 61 + 61 + 92 + 101 \\
 359 &:= 4^4 + 6^1 + 7^1 + 9^1 + 9^2 = 44 + 61 + 71 + 91 + 92 \\
 359 &:= 4^4 + 6^1 + 8^1 + 8^1 + 9^2 = 44 + 61 + 81 + 81 + 92 \\
 359 &:= 4^4 + 7^1 + 7^1 + 8^1 + 9^2 = 44 + 71 + 71 + 81 + 92 \\
 359 &:= 5^0 + 5^2 + 5^3 + 8^2 + 12^2 = 50 + 52 + 53 + 82 + 122 \\
 359 &:= 5^1 + 6^3 + 7^2 + 8^1 + 9^2 = 51 + 63 + 72 + 81 + 92 \\
 359 &:= 5^2 + 6^2 + 6^3 + 9^0 + 9^2 = 52 + 62 + 63 + 90 + 92 \\
 359 &:= 5^3 + 5^3 + 7^0 + 8^1 + 10^2 = 53 + 53 + 70 + 81 + 102 \\
 359 &:= 6^1 + 6^3 + 7^1 + 7^2 + 9^2 = 61 + 63 + 71 + 72 + 92
 \end{aligned}$$

2.2.261 Number 360

$$\begin{aligned}
 360 &:= 1^6 + 7^3 + 12^0 + 15^1 = 16 + 73 + 120 + 151 \\
 360 &:= 1^9 + 2^8 + 9^2 + 22^1 = 19 + 28 + 92 + 221 \\
 360 &:= 2^7 + 6^1 + 12^0 + 15^2 = 27 + 61 + 120 + 152 \\
 360 &:= 1^0 + 1^6 + 7^3 + 12^0 + 14^1 = 10 + 16 + 73 + 120 + 141 \\
 360 &:= 1^0 + 1^9 + 2^8 + 9^2 + 21^1 = 10 + 19 + 28 + 92 + 211 \\
 360 &:= 1^0 + 2^7 + 5^1 + 12^0 + 15^2 = 10 + 27 + 51 + 120 + 152 \\
 360 &:= 1^0 + 3^4 + 3^4 + 14^0 + 14^2 = 10 + 34 + 34 + 140 + 142 \\
 360 &:= 1^1 + 1^5 + 7^3 + 12^0 + 14^1 = 11 + 15 + 73 + 120 + 141 \\
 360 &:= 1^1 + 1^8 + 2^8 + 9^2 + 21^1 = 11 + 18 + 28 + 92 + 211 \\
 360 &:= 1^1 + 2^6 + 5^1 + 10^0 + 17^2 = 11 + 26 + 51 + 100 + 172 \\
 360 &:= 1^1 + 3^4 + 4^4 + 6^0 + 21^1 = 11 + 34 + 44 + 60 + 211 \\
 360 &:= 1^2 + 1^4 + 7^3 + 12^0 + 14^1 = 12 + 14 + 73 + 120 + 141 \\
 360 &:= 1^2 + 1^7 + 2^8 + 9^2 + 21^1 = 12 + 17 + 28 + 92 + 211 \\
 360 &:= 1^2 + 2^1 + 2^5 + 12^0 + 18^2 = 12 + 21 + 25 + 120 + 182 \\
 360 &:= 1^2 + 2^3 + 5^3 + 12^0 + 15^2 = 12 + 23 + 53 + 120 + 152 \\
 360 &:= 1^2 + 3^4 + 8^0 + 9^2 + 14^2 = 12 + 34 + 80 + 92 + 142 \\
 360 &:= 1^2 + 3^5 + 6^0 + 10^2 + 15^1 = 12 + 35 + 60 + 102 + 151 \\
 360 &:= 1^2 + 4^3 + 5^3 + 12^0 + 13^2 = 12 + 43 + 53 + 120 + 132 \\
 360 &:= 1^3 + 1^3 + 7^3 + 12^0 + 14^1 = 13 + 13 + 73 + 120 + 141
 \end{aligned}$$

$$\begin{aligned}
 360 &:= 1^3 + 1^6 + 2^8 + 9^2 + 21^1 = 13 + 16 + 28 + 92 + 211 \\
 360 &:= 1^3 + 2^1 + 4^4 + 10^2 + 18^0 = 13 + 21 + 44 + 102 + 180 \\
 360 &:= 1^3 + 2^3 + 7^1 + 7^3 + 18^0 = 13 + 23 + 71 + 73 + 180 \\
 360 &:= 1^3 + 5^3 + 6^0 + 6^3 + 17^1 = 13 + 53 + 60 + 63 + 171 \\
 360 &:= 1^3 + 5^3 + 8^0 + 8^2 + 13^2 = 13 + 53 + 80 + 82 + 132 \\
 360 &:= 1^4 + 1^5 + 2^8 + 9^2 + 21^1 = 14 + 15 + 28 + 92 + 211 \\
 360 &:= 1^4 + 2^0 + 9^2 + 9^2 + 14^2 = 14 + 20 + 92 + 92 + 142 \\
 360 &:= 1^4 + 2^2 + 7^3 + 11^1 + 14^0 = 14 + 22 + 73 + 111 + 140 \\
 360 &:= 1^4 + 2^5 + 2^8 + 7^2 + 22^1 = 14 + 25 + 28 + 72 + 221 \\
 360 &:= 1^4 + 3^2 + 5^2 + 8^0 + 18^2 = 14 + 32 + 52 + 80 + 182 \\
 360 &:= 1^4 + 3^2 + 6^1 + 7^3 + 18^0 = 14 + 32 + 61 + 73 + 180 \\
 360 &:= 1^4 + 3^3 + 6^0 + 7^1 + 18^2 = 14 + 33 + 60 + 71 + 182 \\
 360 &:= 1^4 + 4^3 + 5^1 + 8^0 + 17^2 = 14 + 43 + 51 + 80 + 172 \\
 360 &:= 1^4 + 5^3 + 6^0 + 8^1 + 15^2 = 14 + 53 + 60 + 81 + 152 \\
 360 &:= 1^5 + 1^9 + 9^2 + 9^2 + 14^2 = 15 + 19 + 92 + 92 + 142 \\
 360 &:= 1^5 + 2^0 + 5^2 + 9^1 + 18^2 = 15 + 20 + 52 + 91 + 182 \\
 360 &:= 1^5 + 2^1 + 6^0 + 10^2 + 16^2 = 15 + 21 + 60 + 102 + 162 \\
 360 &:= 1^5 + 2^1 + 7^3 + 12^0 + 13^1 = 15 + 21 + 73 + 120 + 131 \\
 360 &:= 1^5 + 2^6 + 3^3 + 3^5 + 25^1 = 15 + 26 + 33 + 35 + 251
 \end{aligned}$$

$$\begin{aligned} 360 &:= 1^5 + 3^1 + 7^3 + 12^0 + 12^1 = 15 + 31 + 73 + 120 + 121 \\ 360 &:= 1^5 + 4^0 + 5^1 + 8^2 + 17^2 = 15 + 40 + 51 + 82 + 172 \\ 360 &:= 1^5 + 4^1 + 7^3 + 11^1 + 12^0 = 15 + 41 + 73 + 111 + 120 \\ 360 &:= 1^5 + 5^1 + 7^3 + 10^1 + 12^0 = 15 + 51 + 73 + 101 + 120 \\ 360 &:= 1^5 + 6^1 + 7^3 + 9^1 + 12^0 = 15 + 61 + 73 + 91 + 120 \\ 360 &:= 1^5 + 7^1 + 7^3 + 8^1 + 12^0 = 15 + 71 + 73 + 81 + 120 \\ 360 &:= 1^6 + 1^8 + 9^2 + 9^2 + 14^2 = 16 + 18 + 92 + 92 + 142 \\ 360 &:= 1^6 + 1^9 + 5^2 + 9^1 + 18^2 = 16 + 19 + 52 + 91 + 182 \\ 360 &:= 1^6 + 2^0 + 7^3 + 11^0 + 14^1 = 16 + 20 + 73 + 110 + 141 \\ 360 &:= 1^6 + 2^8 + 4^2 + 4^3 + 23^1 = 16 + 28 + 42 + 43 + 231 \\ 360 &:= 1^6 + 3^0 + 7^3 + 10^0 + 14^1 = 16 + 30 + 73 + 100 + 141 \\ 360 &:= 1^6 + 4^0 + 7^3 + 9^0 + 14^1 = 16 + 40 + 73 + 90 + 141 \\ 360 &:= 1^6 + 5^0 + 7^3 + 8^0 + 14^1 = 16 + 50 + 73 + 80 + 141 \\ 360 &:= 1^6 + 6^0 + 7^0 + 7^3 + 14^1 = 16 + 60 + 70 + 73 + 141 \\ 360 &:= 1^7 + 1^7 + 9^2 + 9^2 + 14^2 = 17 + 17 + 92 + 92 + 142 \\ 360 &:= 1^7 + 1^8 + 5^2 + 9^1 + 18^2 = 17 + 18 + 52 + 91 + 182 \\ 360 &:= 1^7 + 1^9 + 7^3 + 11^0 + 14^1 = 17 + 19 + 73 + 110 + 141 \\ 360 &:= 1^7 + 2^5 + 3^5 + 8^2 + 20^1 = 17 + 25 + 35 + 82 + 201 \\ 360 &:= 1^7 + 2^6 + 4^2 + 4^4 + 23^1 = 17 + 26 + 42 + 44 + 231 \\ 360 &:= 1^7 + 2^8 + 3^4 + 7^0 + 21^1 = 17 + 28 + 34 + 70 + 211 \\ 360 &:= 1^7 + 2^8 + 6^2 + 7^2 + 18^1 = 17 + 28 + 62 + 72 + 181 \\ 360 &:= 1^8 + 1^8 + 7^3 + 11^0 + 14^1 = 18 + 18 + 73 + 110 + 141 \\ 360 &:= 1^8 + 2^1 + 2^8 + 9^2 + 20^1 = 18 + 21 + 28 + 92 + 201 \\ 360 &:= 1^8 + 2^4 + 3^5 + 9^2 + 19^1 = 18 + 24 + 35 + 92 + 191 \\ 360 &:= 1^8 + 2^4 + 4^3 + 4^4 + 23^1 = 18 + 24 + 43 + 44 + 231 \\ 360 &:= 1^8 + 2^6 + 3^3 + 12^1 + 16^2 = 18 + 26 + 33 + 121 + 162 \\ 360 &:= 1^8 + 2^7 + 10^1 + 10^2 + 11^2 = 18 + 27 + 101 + 102 + 112 \\ 360 &:= 1^8 + 2^8 + 3^1 + 9^2 + 19^1 = 18 + 28 + 31 + 92 + 191 \\ 360 &:= 1^8 + 2^8 + 4^1 + 9^2 + 18^1 = 18 + 28 + 41 + 92 + 181 \\ 360 &:= 1^8 + 2^8 + 5^1 + 9^2 + 17^1 = 18 + 28 + 51 + 92 + 171 \\ 360 &:= 1^8 + 2^8 + 6^1 + 9^2 + 16^1 = 18 + 28 + 61 + 92 + 161 \\ 360 &:= 1^8 + 2^8 + 7^1 + 9^2 + 15^1 = 18 + 28 + 71 + 92 + 151 \\ 360 &:= 1^8 + 2^8 + 8^1 + 9^2 + 14^1 = 18 + 28 + 81 + 92 + 141 \\ 360 &:= 1^8 + 2^8 + 9^1 + 9^2 + 13^1 = 18 + 28 + 91 + 92 + 131 \\ 360 &:= 1^8 + 2^8 + 9^2 + 10^1 + 12^1 = 18 + 28 + 92 + 101 + 121 \\ 360 &:= 1^8 + 2^8 + 9^2 + 11^1 + 11^1 = 18 + 28 + 92 + 111 + 111 \\ 360 &:= 1^9 + 2^1 + 2^8 + 10^2 + 19^0 = 19 + 21 + 28 + 102 + 190 \\ 360 &:= 1^9 + 2^5 + 3^3 + 11^1 + 17^2 = 19 + 25 + 33 + 111 + 172 \end{aligned}$$

$$\begin{aligned} 360 &:= 1^9 + 2^6 + 5^3 + 13^0 + 13^2 = 19 + 26 + 53 + 130 + 132 \\ 360 &:= 1^9 + 2^6 + 7^1 + 12^2 + 12^2 = 19 + 26 + 71 + 122 + 122 \\ 360 &:= 1^9 + 2^7 + 6^3 + 11^0 + 14^1 = 19 + 27 + 63 + 110 + 141 \\ 360 &:= 2^0 + 2^3 + 2^4 + 11^1 + 18^2 = 20 + 23 + 24 + 111 + 182 \\ 360 &:= 2^0 + 2^5 + 7^1 + 8^2 + 16^2 = 20 + 25 + 71 + 82 + 162 \\ 360 &:= 2^0 + 2^7 + 5^1 + 11^0 + 15^2 = 20 + 27 + 51 + 110 + 152 \\ 360 &:= 2^0 + 3^4 + 3^4 + 13^0 + 14^2 = 20 + 34 + 34 + 130 + 142 \\ 360 &:= 2^0 + 3^5 + 6^2 + 8^2 + 16^1 = 20 + 35 + 62 + 82 + 161 \\ 360 &:= 2^1 + 2^5 + 6^0 + 10^2 + 15^2 = 21 + 25 + 60 + 102 + 152 \\ 360 &:= 2^1 + 2^5 + 6^2 + 8^0 + 17^2 = 21 + 25 + 62 + 80 + 172 \\ 360 &:= 2^1 + 2^6 + 4^1 + 10^0 + 17^2 = 21 + 26 + 41 + 100 + 172 \\ 360 &:= 2^1 + 3^4 + 4^4 + 6^0 + 20^1 = 21 + 34 + 44 + 60 + 201 \\ 360 &:= 2^2 + 2^2 + 2^3 + 7^3 + 22^0 = 22 + 22 + 23 + 73 + 220 \\ 360 &:= 2^2 + 3^4 + 7^2 + 8^0 + 15^2 = 22 + 34 + 72 + 80 + 152 \\ 360 &:= 2^2 + 3^5 + 8^0 + 10^2 + 12^1 = 22 + 35 + 80 + 102 + 121 \\ 360 &:= 2^3 + 4^4 + 6^0 + 9^2 + 14^1 = 23 + 44 + 60 + 92 + 141 \\ 360 &:= 2^3 + 5^3 + 6^3 + 10^1 + 12^0 = 23 + 53 + 63 + 101 + 120 \\ 360 &:= 2^4 + 6^1 + 6^3 + 10^0 + 11^2 = 24 + 61 + 63 + 100 + 112 \\ 360 &:= 2^5 + 2^6 + 2^8 + 7^1 + 21^0 = 25 + 26 + 28 + 71 + 210 \\ 360 &:= 2^6 + 3^1 + 3^1 + 10^0 + 17^2 = 26 + 31 + 31 + 100 + 172 \\ 360 &:= 2^7 + 3^0 + 5^1 + 10^0 + 15^2 = 27 + 30 + 51 + 100 + 152 \\ 360 &:= 2^7 + 4^0 + 5^1 + 9^0 + 15^2 = 27 + 40 + 51 + 90 + 152 \\ 360 &:= 2^7 + 5^0 + 5^1 + 8^0 + 15^2 = 27 + 50 + 51 + 80 + 152 \\ 360 &:= 2^7 + 5^1 + 6^0 + 7^0 + 15^2 = 27 + 51 + 60 + 70 + 152 \\ 360 &:= 3^0 + 3^4 + 3^4 + 12^0 + 14^2 = 30 + 34 + 34 + 120 + 142 \\ 360 &:= 3^1 + 3^4 + 4^4 + 6^0 + 19^1 = 31 + 34 + 44 + 60 + 191 \\ 360 &:= 3^1 + 3^5 + 7^2 + 8^2 + 14^0 = 31 + 35 + 72 + 82 + 140 \\ 360 &:= 3^1 + 4^3 + 4^4 + 6^2 + 18^0 = 31 + 43 + 44 + 62 + 180 \\ 360 &:= 3^2 + 3^2 + 5^3 + 6^3 + 18^0 = 32 + 32 + 53 + 63 + 180 \\ 360 &:= 3^2 + 3^4 + 6^0 + 10^2 + 13^2 = 32 + 34 + 60 + 102 + 132 \\ 360 &:= 3^2 + 3^5 + 7^1 + 10^2 + 12^0 = 32 + 35 + 71 + 102 + 120 \\ 360 &:= 3^2 + 5^3 + 5^3 + 10^2 + 12^0 = 32 + 53 + 53 + 102 + 120 \\ 360 &:= 3^3 + 3^3 + 4^2 + 8^0 + 17^2 = 33 + 33 + 42 + 80 + 172 \\ 360 &:= 3^3 + 3^3 + 6^0 + 7^2 + 16^2 = 33 + 33 + 60 + 72 + 162 \\ 360 &:= 3^3 + 4^2 + 6^3 + 10^2 + 12^0 = 33 + 42 + 63 + 102 + 120 \\ 360 &:= 3^3 + 4^4 + 8^0 + 8^2 + 12^1 = 33 + 44 + 80 + 82 + 121 \\ 360 &:= 3^4 + 3^4 + 4^0 + 11^0 + 14^2 = 34 + 34 + 40 + 110 + 142 \\ 360 &:= 3^4 + 3^4 + 5^0 + 10^0 + 14^2 = 34 + 34 + 50 + 100 + 142 \end{aligned}$$

$$\begin{aligned}
 360 &:= 3^4 + 3^4 + 6^0 + 9^0 + 14^2 = 34 + 34 + 60 + 90 + 142 \\
 360 &:= 3^4 + 3^4 + 7^0 + 8^0 + 14^2 = 34 + 34 + 70 + 80 + 142 \\
 360 &:= 3^4 + 4^0 + 6^2 + 11^2 + 11^2 = 34 + 40 + 62 + 112 + 112 \\
 360 &:= 3^4 + 4^1 + 4^4 + 6^0 + 18^1 = 34 + 41 + 44 + 60 + 181 \\
 360 &:= 3^4 + 4^4 + 5^1 + 6^0 + 17^1 = 34 + 44 + 51 + 60 + 171 \\
 360 &:= 3^4 + 4^4 + 6^0 + 10^1 + 12^1 = 34 + 44 + 60 + 101 + 121 \\
 360 &:= 3^4 + 4^4 + 6^0 + 11^1 + 11^1 = 34 + 44 + 60 + 111 + 111 \\
 360 &:= 3^4 + 4^4 + 6^0 + 6^1 + 16^1 = 34 + 44 + 60 + 61 + 161 \\
 360 &:= 3^4 + 4^4 + 6^0 + 7^1 + 15^1 = 34 + 44 + 60 + 71 + 151
 \end{aligned}$$

$$\begin{aligned}
 360 &:= 3^4 + 4^4 + 6^0 + 8^1 + 14^1 = 34 + 44 + 60 + 81 + 141 \\
 360 &:= 3^4 + 4^4 + 6^0 + 9^1 + 13^1 = 34 + 44 + 60 + 91 + 131 \\
 360 &:= 3^4 + 5^3 + 6^0 + 9^1 + 12^2 = 34 + 53 + 60 + 91 + 122 \\
 360 &:= 3^4 + 6^0 + 6^3 + 7^2 + 13^1 = 34 + 60 + 63 + 72 + 131 \\
 360 &:= 3^5 + 5^2 + 8^0 + 9^2 + 10^1 = 35 + 52 + 80 + 92 + 101 \\
 360 &:= 4^3 + 4^3 + 6^0 + 6^3 + 15^1 = 43 + 43 + 60 + 63 + 151 \\
 360 &:= 4^3 + 4^4 + 5^2 + 8^0 + 14^1 = 43 + 44 + 52 + 80 + 141 \\
 360 &:= 4^3 + 5^3 + 7^2 + 8^0 + 11^2 = 43 + 53 + 72 + 80 + 112
 \end{aligned}$$

2.2.262 Number 361

$$\begin{aligned}
 361 &:= 2^8 + 9^2 + 24^1 = 28 + 92 + 241 \\
 361 &:= 1^0 + 2^8 + 9^2 + 23^1 = 10 + 28 + 92 + 231 \\
 361 &:= 1^4 + 2^4 + 7^3 + 25^0 = 14 + 24 + 73 + 250 \\
 361 &:= 1^6 + 4^2 + 7^3 + 23^0 = 16 + 42 + 73 + 230 \\
 361 &:= 1^6 + 5^2 + 11^1 + 18^2 = 16 + 52 + 111 + 182 \\
 361 &:= 1^7 + 7^3 + 11^0 + 16^1 = 17 + 73 + 110 + 161 \\
 361 &:= 2^5 + 3^3 + 13^1 + 17^2 = 25 + 33 + 131 + 172 \\
 361 &:= 2^6 + 9^1 + 12^2 + 12^2 = 26 + 91 + 122 + 122 \\
 361 &:= 2^7 + 6^2 + 13^0 + 14^2 = 27 + 62 + 130 + 142 \\
 361 &:= 2^7 + 6^3 + 11^0 + 16^1 = 27 + 63 + 110 + 161 \\
 361 &:= 2^8 + 4^1 + 10^2 + 19^0 = 28 + 41 + 102 + 190 \\
 361 &:= 3^4 + 3^5 + 6^2 + 23^0 = 34 + 35 + 62 + 230 \\
 361 &:= 1^0 + 1^0 + 2^8 + 9^2 + 22^1 = 10 + 10 + 28 + 92 + 221 \\
 361 &:= 1^0 + 1^6 + 5^2 + 10^1 + 18^2 = 10 + 16 + 52 + 101 + 182 \\
 361 &:= 1^0 + 1^7 + 7^3 + 11^0 + 15^1 = 10 + 17 + 73 + 110 + 151 \\
 361 &:= 1^0 + 2^4 + 3^5 + 10^2 + 19^0 = 10 + 24 + 35 + 102 + 190 \\
 361 &:= 1^0 + 2^5 + 3^3 + 12^1 + 17^2 = 10 + 25 + 33 + 121 + 172 \\
 361 &:= 1^0 + 2^6 + 8^1 + 12^2 + 12^2 = 10 + 26 + 81 + 122 + 122 \\
 361 &:= 1^0 + 2^7 + 6^3 + 11^0 + 15^1 = 10 + 27 + 63 + 110 + 151 \\
 361 &:= 1^0 + 2^8 + 3^1 + 10^2 + 19^0 = 10 + 28 + 31 + 102 + 190 \\
 361 &:= 1^1 + 1^5 + 5^2 + 10^1 + 18^2 = 11 + 15 + 52 + 101 + 182 \\
 361 &:= 1^1 + 1^6 + 7^3 + 11^0 + 15^1 = 11 + 16 + 73 + 110 + 151 \\
 361 &:= 1^1 + 2^3 + 2^4 + 12^1 + 18^2 = 11 + 23 + 24 + 121 + 182 \\
 361 &:= 1^1 + 2^4 + 10^2 + 10^2 + 12^2 = 11 + 24 + 102 + 102 + 122 \\
 361 &:= 1^1 + 2^5 + 8^1 + 8^2 + 16^2 = 11 + 25 + 81 + 82 + 162 \\
 361 &:= 1^1 + 2^7 + 6^1 + 11^0 + 15^2 = 11 + 27 + 61 + 110 + 152
 \end{aligned}$$

$$\begin{aligned}
 361 &:= 1^1 + 3^5 + 6^2 + 8^2 + 17^1 = 11 + 35 + 62 + 82 + 171 \\
 361 &:= 1^2 + 1^4 + 5^2 + 10^1 + 18^2 = 12 + 14 + 52 + 101 + 182 \\
 361 &:= 1^2 + 1^5 + 7^3 + 11^0 + 15^1 = 12 + 15 + 73 + 110 + 151 \\
 361 &:= 1^2 + 2^2 + 4^4 + 9^2 + 19^1 = 12 + 22 + 44 + 92 + 191 \\
 361 &:= 1^2 + 2^3 + 2^3 + 7^3 + 23^0 = 12 + 23 + 23 + 73 + 230 \\
 361 &:= 1^2 + 2^3 + 6^3 + 11^2 + 15^1 = 12 + 23 + 63 + 112 + 151 \\
 361 &:= 1^2 + 2^3 + 8^2 + 12^2 + 12^2 = 12 + 23 + 82 + 122 + 122 \\
 361 &:= 1^2 + 2^4 + 3^2 + 11^1 + 18^2 = 12 + 24 + 32 + 111 + 182 \\
 361 &:= 1^2 + 2^4 + 6^1 + 13^2 + 13^2 = 12 + 24 + 61 + 132 + 132 \\
 361 &:= 1^2 + 2^4 + 7^1 + 9^2 + 16^2 = 12 + 24 + 71 + 92 + 162 \\
 361 &:= 1^2 + 2^6 + 6^1 + 9^0 + 17^2 = 12 + 26 + 61 + 90 + 172 \\
 361 &:= 1^2 + 3^3 + 5^3 + 12^1 + 14^2 = 12 + 33 + 53 + 121 + 142 \\
 361 &:= 1^2 + 3^3 + 8^2 + 10^2 + 13^2 = 12 + 33 + 82 + 102 + 132 \\
 361 &:= 1^2 + 3^4 + 4^4 + 5^0 + 22^1 = 12 + 34 + 44 + 50 + 221 \\
 361 &:= 1^2 + 3^5 + 4^2 + 10^2 + 17^0 = 12 + 35 + 42 + 102 + 170 \\
 361 &:= 1^2 + 4^3 + 6^3 + 8^2 + 16^1 = 12 + 43 + 63 + 82 + 161 \\
 361 &:= 1^3 + 1^3 + 5^2 + 10^1 + 18^2 = 13 + 13 + 52 + 101 + 182 \\
 361 &:= 1^3 + 1^4 + 7^3 + 11^0 + 15^1 = 13 + 14 + 73 + 110 + 151 \\
 361 &:= 1^3 + 2^3 + 3^3 + 11^0 + 18^2 = 13 + 23 + 33 + 110 + 182 \\
 361 &:= 1^3 + 2^3 + 6^1 + 11^2 + 15^2 = 13 + 23 + 61 + 112 + 152 \\
 361 &:= 1^3 + 2^5 + 3^1 + 11^0 + 18^2 = 13 + 25 + 31 + 110 + 182 \\
 361 &:= 1^3 + 3^2 + 6^3 + 11^2 + 14^1 = 13 + 32 + 63 + 112 + 141 \\
 361 &:= 1^3 + 3^3 + 6^2 + 8^1 + 17^2 = 13 + 33 + 62 + 81 + 172 \\
 361 &:= 1^3 + 3^5 + 5^0 + 10^2 + 16^1 = 13 + 35 + 50 + 102 + 161 \\
 361 &:= 1^3 + 4^3 + 6^1 + 11^2 + 13^2 = 13 + 43 + 61 + 112 + 132 \\
 361 &:= 1^3 + 4^3 + 7^1 + 8^2 + 15^2 = 13 + 43 + 71 + 82 + 152
 \end{aligned}$$

$$\begin{aligned} 361 &:= 1^4 + 2^1 + 9^2 + 9^2 + 14^2 = 14 + 21 + 92 + 92 + 142 \\ 361 &:= 1^4 + 2^3 + 7^3 + 8^1 + 17^0 = 14 + 23 + 73 + 81 + 170 \\ 361 &:= 1^4 + 3^1 + 4^4 + 10^2 + 17^0 = 14 + 31 + 44 + 102 + 170 \\ 361 &:= 1^4 + 3^2 + 5^1 + 11^2 + 15^2 = 14 + 32 + 51 + 112 + 152 \\ 361 &:= 1^4 + 3^2 + 5^3 + 11^0 + 15^2 = 14 + 32 + 53 + 110 + 152 \\ 361 &:= 1^4 + 4^1 + 4^2 + 12^2 + 14^2 = 14 + 41 + 42 + 122 + 142 \\ 361 &:= 1^4 + 4^1 + 6^2 + 8^2 + 16^2 = 14 + 41 + 62 + 82 + 162 \\ 361 &:= 1^4 + 4^2 + 6^1 + 7^2 + 17^2 = 14 + 42 + 61 + 72 + 172 \\ 361 &:= 1^4 + 5^0 + 5^3 + 6^3 + 18^1 = 14 + 50 + 53 + 63 + 181 \\ 361 &:= 1^5 + 2^1 + 5^2 + 9^1 + 18^2 = 15 + 21 + 52 + 91 + 182 \\ 361 &:= 1^5 + 2^2 + 7^3 + 12^1 + 13^0 = 15 + 22 + 73 + 121 + 130 \\ 361 &:= 1^5 + 3^1 + 5^2 + 8^1 + 18^2 = 15 + 31 + 52 + 81 + 182 \\ 361 &:= 1^5 + 3^2 + 7^1 + 7^3 + 17^0 = 15 + 32 + 71 + 73 + 170 \\ 361 &:= 1^5 + 3^3 + 5^0 + 8^1 + 18^2 = 15 + 33 + 50 + 81 + 182 \\ 361 &:= 1^5 + 4^1 + 5^2 + 7^1 + 18^2 = 15 + 41 + 52 + 71 + 182 \\ 361 &:= 1^5 + 4^3 + 6^1 + 7^0 + 17^2 = 15 + 43 + 61 + 70 + 172 \\ 361 &:= 1^5 + 5^0 + 5^3 + 9^1 + 15^2 = 15 + 50 + 53 + 91 + 152 \\ 361 &:= 1^5 + 5^1 + 5^2 + 6^1 + 18^2 = 15 + 51 + 52 + 61 + 182 \\ 361 &:= 1^6 + 2^1 + 7^3 + 11^0 + 14^1 = 16 + 21 + 73 + 110 + 141 \\ 361 &:= 1^6 + 3^0 + 6^1 + 8^2 + 17^2 = 16 + 30 + 61 + 82 + 172 \\ 361 &:= 1^6 + 3^1 + 5^0 + 10^2 + 16^2 = 16 + 31 + 50 + 102 + 162 \\ 361 &:= 1^6 + 3^1 + 7^3 + 11^0 + 13^1 = 16 + 31 + 73 + 110 + 131 \\ 361 &:= 1^6 + 4^1 + 7^3 + 11^0 + 12^1 = 16 + 41 + 73 + 110 + 121 \\ 361 &:= 1^6 + 5^1 + 7^3 + 11^0 + 11^1 = 16 + 51 + 73 + 110 + 111 \\ 361 &:= 1^6 + 6^1 + 7^3 + 10^1 + 11^0 = 16 + 61 + 73 + 101 + 110 \\ 361 &:= 1^6 + 7^1 + 7^3 + 9^1 + 11^0 = 16 + 71 + 73 + 91 + 110 \\ 361 &:= 1^6 + 7^3 + 8^1 + 8^1 + 11^0 = 16 + 73 + 81 + 81 + 110 \\ 361 &:= 1^7 + 2^0 + 7^3 + 10^0 + 15^1 = 17 + 20 + 73 + 100 + 151 \\ 361 &:= 1^7 + 3^0 + 7^3 + 9^0 + 15^1 = 17 + 30 + 73 + 90 + 151 \\ 361 &:= 1^7 + 4^0 + 7^3 + 8^0 + 15^1 = 17 + 40 + 73 + 80 + 151 \\ 361 &:= 1^7 + 5^0 + 7^0 + 7^3 + 15^1 = 17 + 50 + 70 + 73 + 151 \\ 361 &:= 1^7 + 6^0 + 6^0 + 7^3 + 15^1 = 17 + 60 + 60 + 73 + 151 \\ 361 &:= 1^8 + 1^9 + 7^3 + 10^0 + 15^1 = 18 + 19 + 73 + 100 + 151 \\ 361 &:= 1^8 + 2^8 + 3^4 + 6^0 + 22^1 = 18 + 28 + 34 + 60 + 221 \\ 361 &:= 2^0 + 2^4 + 3^5 + 10^2 + 18^0 = 20 + 24 + 35 + 102 + 180 \\ 361 &:= 2^0 + 2^7 + 6^3 + 10^0 + 15^1 = 20 + 27 + 63 + 100 + 151 \\ 361 &:= 2^0 + 2^8 + 3^1 + 10^2 + 18^0 = 20 + 28 + 31 + 102 + 180 \\ 361 &:= 2^1 + 2^3 + 2^4 + 11^1 + 18^2 = 21 + 23 + 24 + 111 + 182 \end{aligned}$$

$$\begin{aligned} 361 &:= 2^1 + 2^5 + 7^1 + 8^2 + 16^2 = 21 + 25 + 71 + 82 + 162 \\ 361 &:= 2^1 + 2^7 + 5^1 + 11^0 + 15^2 = 21 + 27 + 51 + 110 + 152 \\ 361 &:= 2^1 + 3^4 + 3^4 + 13^0 + 14^2 = 21 + 34 + 34 + 130 + 142 \\ 361 &:= 2^1 + 3^5 + 6^2 + 8^2 + 16^1 = 21 + 35 + 62 + 82 + 161 \\ 361 &:= 2^2 + 2^3 + 6^2 + 12^2 + 13^2 = 22 + 23 + 62 + 122 + 132 \\ 361 &:= 2^2 + 2^6 + 3^1 + 11^0 + 17^2 = 22 + 26 + 31 + 110 + 172 \\ 361 &:= 2^2 + 3^2 + 3^4 + 11^1 + 16^2 = 22 + 32 + 34 + 111 + 162 \\ 361 &:= 2^2 + 3^3 + 4^3 + 10^1 + 16^2 = 22 + 33 + 43 + 101 + 162 \\ 361 &:= 2^2 + 3^3 + 6^3 + 10^2 + 14^1 = 22 + 33 + 63 + 102 + 141 \\ 361 &:= 2^2 + 3^4 + 4^4 + 7^0 + 19^1 = 22 + 34 + 44 + 70 + 191 \\ 361 &:= 2^2 + 3^4 + 7^1 + 10^2 + 13^2 = 22 + 34 + 71 + 102 + 132 \\ 361 &:= 2^2 + 3^5 + 7^2 + 8^2 + 15^0 = 22 + 35 + 72 + 82 + 150 \\ 361 &:= 2^2 + 4^3 + 4^4 + 6^2 + 19^0 = 22 + 43 + 44 + 62 + 190 \\ 361 &:= 2^2 + 4^3 + 7^2 + 10^2 + 12^2 = 22 + 43 + 72 + 102 + 122 \\ 361 &:= 2^2 + 4^4 + 6^2 + 7^2 + 16^1 = 22 + 44 + 62 + 72 + 161 \\ 361 &:= 2^3 + 2^3 + 5^1 + 12^2 + 14^2 = 23 + 23 + 51 + 122 + 142 \\ 361 &:= 2^3 + 2^3 + 7^1 + 7^2 + 17^2 = 23 + 23 + 71 + 72 + 172 \\ 361 &:= 2^3 + 2^4 + 3^1 + 10^1 + 18^2 = 23 + 24 + 31 + 101 + 182 \\ 361 &:= 2^3 + 2^4 + 4^1 + 9^1 + 18^2 = 23 + 24 + 41 + 91 + 182 \\ 361 &:= 2^3 + 2^4 + 5^1 + 8^1 + 18^2 = 23 + 24 + 51 + 81 + 182 \\ 361 &:= 2^3 + 2^4 + 6^1 + 7^1 + 18^2 = 23 + 24 + 61 + 71 + 182 \\ 361 &:= 2^3 + 3^3 + 6^1 + 8^2 + 16^2 = 23 + 33 + 61 + 82 + 162 \\ 361 &:= 2^3 + 3^5 + 9^1 + 10^2 + 11^0 = 23 + 35 + 91 + 102 + 110 \\ 361 &:= 2^3 + 4^3 + 5^2 + 8^1 + 16^2 = 23 + 43 + 52 + 81 + 162 \\ 361 &:= 2^3 + 5^2 + 6^2 + 6^2 + 16^2 = 23 + 52 + 62 + 62 + 162 \\ 361 &:= 2^3 + 5^2 + 6^3 + 10^2 + 12^1 = 23 + 52 + 63 + 102 + 121 \\ 361 &:= 2^3 + 5^3 + 7^1 + 10^2 + 11^2 = 23 + 53 + 71 + 102 + 112 \\ 361 &:= 2^4 + 2^4 + 4^1 + 9^0 + 18^2 = 24 + 24 + 41 + 90 + 182 \\ 361 &:= 2^4 + 3^0 + 3^5 + 10^2 + 17^0 = 24 + 30 + 35 + 102 + 170 \\ 361 &:= 2^4 + 3^1 + 5^2 + 11^2 + 14^2 = 24 + 31 + 52 + 112 + 142 \\ 361 &:= 2^4 + 3^1 + 5^3 + 6^3 + 19^0 = 24 + 31 + 53 + 63 + 190 \\ 361 &:= 2^4 + 3^1 + 6^2 + 9^2 + 15^2 = 24 + 31 + 62 + 92 + 152 \\ 361 &:= 2^4 + 3^3 + 5^0 + 11^2 + 14^2 = 24 + 33 + 50 + 112 + 142 \\ 361 &:= 2^4 + 3^4 + 7^0 + 7^1 + 16^2 = 24 + 34 + 70 + 71 + 162 \\ 361 &:= 2^4 + 3^5 + 10^0 + 10^0 + 10^2 = 24 + 35 + 100 + 100 + 102 \\ 361 &:= 2^4 + 3^5 + 4^0 + 10^2 + 16^0 = 24 + 35 + 40 + 102 + 160 \\ 361 &:= 2^4 + 3^5 + 5^0 + 10^2 + 15^0 = 24 + 35 + 50 + 102 + 150 \\ 361 &:= 2^4 + 3^5 + 6^0 + 10^2 + 14^0 = 24 + 35 + 60 + 102 + 140 \end{aligned}$$

$$\begin{aligned}
 361 &:= 2^4 + 3^5 + 7^0 + 10^2 + 13^0 = 24 + 35 + 70 + 102 + 130 \\
 361 &:= 2^4 + 3^5 + 8^0 + 10^2 + 12^0 = 24 + 35 + 80 + 102 + 120 \\
 361 &:= 2^4 + 3^5 + 9^0 + 10^2 + 11^0 = 24 + 35 + 90 + 102 + 110 \\
 361 &:= 2^4 + 4^1 + 4^2 + 10^2 + 15^2 = 24 + 41 + 42 + 102 + 152 \\
 361 &:= 2^4 + 4^1 + 6^2 + 7^2 + 16^2 = 24 + 41 + 62 + 72 + 162 \\
 361 &:= 2^4 + 4^4 + 7^1 + 9^2 + 13^0 = 24 + 44 + 71 + 92 + 130 \\
 361 &:= 2^4 + 5^2 + 5^2 + 6^1 + 17^2 = 24 + 52 + 52 + 61 + 172 \\
 361 &:= 2^4 + 6^3 + 8^2 + 8^2 + 11^0 = 24 + 63 + 82 + 82 + 110 \\
 361 &:= 2^5 + 3^1 + 6^1 + 8^2 + 16^2 = 25 + 31 + 61 + 82 + 162 \\
 361 &:= 2^5 + 4^1 + 5^1 + 8^2 + 16^2 = 25 + 41 + 51 + 82 + 162 \\
 361 &:= 2^5 + 4^3 + 5^0 + 8^1 + 16^2 = 25 + 43 + 50 + 81 + 162 \\
 361 &:= 2^5 + 5^0 + 6^2 + 6^2 + 16^2 = 25 + 50 + 62 + 62 + 162 \\
 361 &:= 2^5 + 5^0 + 6^3 + 10^2 + 12^1 = 25 + 50 + 63 + 102 + 121 \\
 361 &:= 2^5 + 5^3 + 7^0 + 7^1 + 14^2 = 25 + 53 + 70 + 71 + 142 \\
 361 &:= 2^6 + 3^0 + 6^1 + 11^2 + 13^2 = 26 + 30 + 61 + 112 + 132 \\
 361 &:= 2^6 + 3^0 + 7^1 + 8^2 + 15^2 = 26 + 30 + 71 + 82 + 152 \\
 361 &:= 2^6 + 4^1 + 6^2 + 7^0 + 16^2 = 26 + 41 + 62 + 70 + 162 \\
 361 &:= 2^7 + 3^0 + 6^3 + 9^0 + 15^1 = 27 + 30 + 63 + 90 + 151 \\
 361 &:= 2^7 + 3^1 + 4^1 + 11^0 + 15^2 = 27 + 31 + 41 + 110 + 152 \\
 361 &:= 2^7 + 4^0 + 6^3 + 8^0 + 15^1 = 27 + 40 + 63 + 80 + 151 \\
 361 &:= 2^7 + 5^0 + 6^3 + 7^0 + 15^1 = 27 + 50 + 63 + 70 + 151 \\
 361 &:= 2^7 + 6^0 + 6^0 + 6^3 + 15^1 = 27 + 60 + 60 + 63 + 151 \\
 361 &:= 2^8 + 3^0 + 3^1 + 10^2 + 17^0 = 28 + 30 + 31 + 102 + 170 \\
 361 &:= 2^8 + 3^1 + 10^0 + 10^0 + 10^2 = 28 + 31 + 100 + 100 + 102 \\
 361 &:= 2^8 + 3^1 + 4^0 + 10^2 + 16^0 = 28 + 31 + 40 + 102 + 160 \\
 361 &:= 2^8 + 3^1 + 5^0 + 10^2 + 15^0 = 28 + 31 + 50 + 102 + 150 \\
 361 &:= 2^8 + 3^1 + 6^0 + 10^2 + 14^0 = 28 + 31 + 60 + 102 + 140 \\
 361 &:= 2^8 + 3^1 + 7^0 + 10^2 + 13^0 = 28 + 31 + 70 + 102 + 130 \\
 361 &:= 2^8 + 3^1 + 8^0 + 10^2 + 12^0 = 28 + 31 + 80 + 102 + 120 \\
 361 &:= 2^8 + 3^1 + 9^0 + 10^2 + 11^0 = 28 + 31 + 90 + 102 + 110 \\
 361 &:= 3^1 + 3^5 + 6^2 + 8^2 + 15^1 = 31 + 35 + 62 + 82 + 151
 \end{aligned}$$

$$\begin{aligned}
 361 &:= 3^2 + 3^3 + 3^3 + 9^1 + 17^2 = 32 + 33 + 33 + 91 + 172 \\
 361 &:= 3^2 + 3^3 + 6^2 + 8^2 + 15^2 = 32 + 33 + 62 + 82 + 152 \\
 361 &:= 3^2 + 3^4 + 4^4 + 11^0 + 14^1 = 32 + 34 + 44 + 110 + 141 \\
 361 &:= 3^2 + 3^4 + 6^1 + 11^2 + 12^2 = 32 + 34 + 61 + 112 + 122 \\
 361 &:= 3^2 + 4^2 + 4^4 + 8^2 + 16^1 = 32 + 42 + 44 + 82 + 161 \\
 361 &:= 3^3 + 3^5 + 9^1 + 9^2 + 11^0 = 33 + 35 + 91 + 92 + 110 \\
 361 &:= 3^3 + 4^3 + 4^4 + 11^0 + 13^1 = 33 + 43 + 44 + 110 + 131 \\
 361 &:= 3^3 + 4^3 + 5^1 + 11^2 + 12^2 = 33 + 43 + 51 + 112 + 122 \\
 361 &:= 3^3 + 4^3 + 5^3 + 11^0 + 12^2 = 33 + 43 + 53 + 110 + 122 \\
 361 &:= 3^3 + 5^2 + 6^3 + 9^2 + 12^1 = 33 + 52 + 63 + 92 + 121 \\
 361 &:= 3^3 + 5^3 + 7^1 + 9^2 + 11^2 = 33 + 53 + 71 + 92 + 112 \\
 361 &:= 3^4 + 4^2 + 4^4 + 7^1 + 17^0 = 34 + 42 + 44 + 71 + 170 \\
 361 &:= 3^4 + 5^1 + 5^2 + 9^2 + 13^2 = 34 + 51 + 52 + 92 + 132 \\
 361 &:= 3^5 + 4^1 + 4^3 + 7^2 + 17^0 = 35 + 41 + 43 + 72 + 170 \\
 361 &:= 3^5 + 4^1 + 6^2 + 8^2 + 14^1 = 35 + 41 + 62 + 82 + 141 \\
 361 &:= 3^5 + 4^3 + 5^0 + 6^2 + 17^1 = 35 + 43 + 50 + 62 + 171 \\
 361 &:= 3^5 + 5^1 + 6^2 + 8^2 + 13^1 = 35 + 51 + 62 + 82 + 131 \\
 361 &:= 3^5 + 6^1 + 6^2 + 8^2 + 12^1 = 35 + 61 + 62 + 82 + 121 \\
 361 &:= 3^5 + 6^2 + 7^1 + 8^2 + 11^1 = 35 + 62 + 71 + 82 + 111 \\
 361 &:= 3^5 + 6^2 + 8^1 + 8^2 + 10^1 = 35 + 62 + 81 + 82 + 101 \\
 361 &:= 3^5 + 6^2 + 8^2 + 9^1 + 9^1 = 35 + 62 + 82 + 91 + 91 \\
 361 &:= 4^2 + 4^2 + 4^3 + 11^2 + 12^2 = 42 + 42 + 43 + 112 + 122 \\
 361 &:= 4^2 + 4^3 + 4^3 + 6^3 + 17^0 = 42 + 43 + 43 + 63 + 170 \\
 361 &:= 4^2 + 4^3 + 6^2 + 7^2 + 14^2 = 42 + 43 + 62 + 72 + 142 \\
 361 &:= 4^2 + 4^4 + 5^2 + 7^2 + 15^1 = 42 + 44 + 52 + 72 + 151 \\
 361 &:= 4^3 + 5^3 + 8^1 + 8^2 + 10^2 = 43 + 53 + 81 + 82 + 102 \\
 361 &:= 5^2 + 5^3 + 7^2 + 9^2 + 9^2 = 52 + 53 + 72 + 92 + 92 \\
 361 &:= 5^3 + 5^3 + 6^2 + 8^2 + 11^1 = 53 + 53 + 62 + 82 + 111 \\
 361 &:= 5^3 + 6^2 + 6^2 + 8^2 + 10^2 = 53 + 62 + 62 + 82 + 102
 \end{aligned}$$

2.2.263 Number 362

$$\begin{aligned}
 362 &:= 17^0 + 19^2 = 170 + 192 \\
 362 &:= 1^7 + 6^3 + 12^2 + 16^0 = 17 + 63 + 122 + 160 \\
 362 &:= 1^8 + 6^2 + 10^0 + 18^2 = 18 + 62 + 100 + 182 \\
 362 &:= 1^8 + 7^3 + 10^0 + 17^1 = 18 + 73 + 100 + 171 \\
 362 &:= 2^3 + 2^7 + 15^2 + 16^0 = 23 + 27 + 152 + 160
 \end{aligned}$$

$$\begin{aligned}
 362 &:= 2^7 + 4^3 + 13^2 + 16^0 = 27 + 43 + 132 + 160 \\
 362 &:= 1^0 + 1^5 + 2^4 + 7^3 + 24^0 = 10 + 15 + 24 + 73 + 240 \\
 362 &:= 1^0 + 1^7 + 4^2 + 7^3 + 22^0 = 10 + 17 + 42 + 73 + 220 \\
 362 &:= 1^0 + 1^8 + 7^3 + 10^0 + 16^1 = 10 + 18 + 73 + 100 + 161 \\
 362 &:= 1^0 + 2^2 + 2^8 + 10^2 + 20^0 = 10 + 22 + 28 + 102 + 200
 \end{aligned}$$

$$\begin{aligned} 362 &:= 1^0 + 2^7 + 4^2 + 6^3 + 22^0 = 10 + 27 + 42 + 63 + 220 \\ 362 &:= 1^1 + 1^4 + 2^4 + 7^3 + 24^0 = 11 + 14 + 24 + 73 + 240 \\ 362 &:= 1^1 + 1^6 + 4^2 + 7^3 + 22^0 = 11 + 16 + 42 + 73 + 220 \\ 362 &:= 1^1 + 1^7 + 7^3 + 10^0 + 16^1 = 11 + 17 + 73 + 100 + 161 \\ 362 &:= 1^1 + 2^7 + 6^2 + 12^0 + 14^2 = 11 + 27 + 62 + 120 + 142 \\ 362 &:= 1^1 + 2^7 + 6^3 + 10^0 + 16^1 = 11 + 27 + 63 + 100 + 161 \\ 362 &:= 1^1 + 2^8 + 4^1 + 10^2 + 18^0 = 11 + 28 + 41 + 102 + 180 \\ 362 &:= 1^1 + 3^4 + 3^5 + 6^2 + 22^0 = 11 + 34 + 35 + 62 + 220 \\ 362 &:= 1^2 + 1^3 + 2^4 + 7^3 + 24^0 = 12 + 13 + 24 + 73 + 240 \\ 362 &:= 1^2 + 1^5 + 4^2 + 7^3 + 22^0 = 12 + 15 + 42 + 73 + 220 \\ 362 &:= 1^2 + 1^6 + 7^3 + 10^0 + 16^1 = 12 + 16 + 73 + 100 + 161 \\ 362 &:= 1^2 + 2^6 + 8^0 + 10^2 + 14^2 = 12 + 26 + 80 + 102 + 142 \\ 362 &:= 1^2 + 2^7 + 7^1 + 10^0 + 15^2 = 12 + 27 + 71 + 100 + 152 \\ 362 &:= 1^3 + 1^4 + 4^2 + 7^3 + 22^0 = 13 + 14 + 42 + 73 + 220 \\ 362 &:= 1^3 + 1^5 + 7^3 + 10^0 + 16^1 = 13 + 15 + 73 + 100 + 161 \\ 362 &:= 1^3 + 2^2 + 2^5 + 12^0 + 18^2 = 13 + 22 + 25 + 120 + 182 \\ 362 &:= 1^3 + 2^6 + 7^1 + 8^0 + 17^2 = 13 + 26 + 71 + 80 + 172 \\ 362 &:= 1^3 + 3^4 + 4^0 + 4^4 + 23^1 = 13 + 34 + 40 + 44 + 231 \\ 362 &:= 1^3 + 3^5 + 6^2 + 9^2 + 16^0 = 13 + 35 + 62 + 92 + 160 \\ 362 &:= 1^4 + 1^4 + 7^3 + 10^0 + 16^1 = 14 + 14 + 73 + 100 + 161 \\ 362 &:= 1^4 + 2^2 + 4^4 + 10^2 + 18^0 = 14 + 22 + 44 + 102 + 180 \\ 362 &:= 1^4 + 2^3 + 3^2 + 7^3 + 22^0 = 14 + 23 + 32 + 73 + 220 \\ 362 &:= 1^4 + 2^5 + 4^1 + 10^0 + 18^2 = 14 + 25 + 41 + 100 + 182 \\ 362 &:= 1^4 + 3^5 + 4^0 + 10^2 + 17^1 = 14 + 35 + 40 + 102 + 171 \\ 362 &:= 1^5 + 2^0 + 2^4 + 7^3 + 23^0 = 15 + 20 + 24 + 73 + 230 \\ 362 &:= 1^5 + 2^3 + 7^3 + 9^1 + 16^0 = 15 + 23 + 73 + 91 + 160 \\ 362 &:= 1^5 + 2^4 + 3^0 + 7^3 + 22^0 = 15 + 24 + 30 + 73 + 220 \\ 362 &:= 1^5 + 2^4 + 4^0 + 7^3 + 21^0 = 15 + 24 + 40 + 73 + 210 \\ 362 &:= 1^5 + 2^4 + 5^0 + 7^3 + 20^0 = 15 + 24 + 50 + 73 + 200 \\ 362 &:= 1^5 + 2^4 + 6^0 + 7^3 + 19^0 = 15 + 24 + 60 + 73 + 190 \\ 362 &:= 1^5 + 2^4 + 7^0 + 7^3 + 18^0 = 15 + 24 + 70 + 73 + 180 \\ 362 &:= 1^5 + 2^4 + 7^3 + 10^0 + 15^0 = 15 + 24 + 73 + 100 + 150 \\ 362 &:= 1^5 + 2^4 + 7^3 + 11^0 + 14^0 = 15 + 24 + 73 + 110 + 140 \\ 362 &:= 1^5 + 2^4 + 7^3 + 12^0 + 13^0 = 15 + 24 + 73 + 120 + 130 \\ 362 &:= 1^5 + 2^4 + 7^3 + 8^0 + 17^0 = 15 + 24 + 73 + 80 + 170 \\ 362 &:= 1^5 + 2^4 + 7^3 + 9^0 + 16^0 = 15 + 24 + 73 + 90 + 160 \\ 362 &:= 1^5 + 2^6 + 2^8 + 4^2 + 25^1 = 15 + 26 + 28 + 42 + 251 \\ 362 &:= 1^5 + 3^2 + 3^3 + 10^0 + 18^2 = 15 + 32 + 33 + 100 + 182 \end{aligned}$$

$$\begin{aligned} 362 &:= 1^5 + 4^0 + 5^3 + 6^3 + 19^1 = 15 + 40 + 53 + 63 + 191 \\ 362 &:= 1^5 + 4^1 + 4^4 + 10^2 + 16^0 = 15 + 41 + 44 + 102 + 160 \\ 362 &:= 1^5 + 4^3 + 6^0 + 10^2 + 14^2 = 15 + 43 + 60 + 102 + 142 \\ 362 &:= 1^6 + 1^9 + 2^4 + 7^3 + 23^0 = 16 + 19 + 24 + 73 + 230 \\ 362 &:= 1^6 + 2^0 + 8^2 + 10^2 + 14^2 = 16 + 20 + 82 + 102 + 142 \\ 362 &:= 1^6 + 2^2 + 6^0 + 10^2 + 16^2 = 16 + 22 + 60 + 102 + 162 \\ 362 &:= 1^6 + 2^2 + 7^3 + 12^0 + 13^1 = 16 + 22 + 73 + 120 + 131 \\ 362 &:= 1^6 + 2^4 + 2^8 + 4^3 + 25^1 = 16 + 24 + 28 + 43 + 251 \\ 362 &:= 1^6 + 3^2 + 7^3 + 8^1 + 16^0 = 16 + 32 + 73 + 81 + 160 \\ 362 &:= 1^6 + 3^3 + 4^0 + 9^1 + 18^2 = 16 + 33 + 40 + 91 + 182 \\ 362 &:= 1^6 + 4^0 + 5^3 + 10^1 + 15^2 = 16 + 40 + 53 + 101 + 152 \\ 362 &:= 1^6 + 4^3 + 6^0 + 7^1 + 17^2 = 16 + 43 + 60 + 71 + 172 \\ 362 &:= 1^7 + 1^8 + 2^4 + 7^3 + 23^0 = 17 + 18 + 24 + 73 + 230 \\ 362 &:= 1^7 + 1^9 + 8^2 + 10^2 + 14^2 = 17 + 19 + 82 + 102 + 142 \\ 362 &:= 1^7 + 2^0 + 4^2 + 7^3 + 21^0 = 17 + 20 + 42 + 73 + 210 \\ 362 &:= 1^7 + 2^0 + 7^1 + 8^2 + 17^2 = 17 + 20 + 71 + 82 + 172 \\ 362 &:= 1^7 + 2^1 + 7^3 + 10^0 + 15^1 = 17 + 21 + 73 + 100 + 151 \\ 362 &:= 1^7 + 2^4 + 2^6 + 4^4 + 25^1 = 17 + 24 + 26 + 44 + 251 \\ 362 &:= 1^7 + 3^0 + 4^2 + 7^3 + 20^0 = 17 + 30 + 42 + 73 + 200 \\ 362 &:= 1^7 + 3^1 + 7^3 + 10^0 + 14^1 = 17 + 31 + 73 + 100 + 141 \\ 362 &:= 1^7 + 4^0 + 4^1 + 10^2 + 16^2 = 17 + 40 + 41 + 102 + 162 \\ 362 &:= 1^7 + 4^0 + 4^2 + 7^3 + 19^0 = 17 + 40 + 42 + 73 + 190 \\ 362 &:= 1^7 + 4^1 + 7^3 + 10^0 + 13^1 = 17 + 41 + 73 + 100 + 131 \\ 362 &:= 1^7 + 4^2 + 5^0 + 7^3 + 18^0 = 17 + 42 + 50 + 73 + 180 \\ 362 &:= 1^7 + 4^2 + 6^0 + 7^3 + 17^0 = 17 + 42 + 60 + 73 + 170 \\ 362 &:= 1^7 + 4^2 + 7^0 + 7^3 + 16^0 = 17 + 42 + 70 + 73 + 160 \\ 362 &:= 1^7 + 4^2 + 7^3 + 10^0 + 13^0 = 17 + 42 + 73 + 100 + 130 \\ 362 &:= 1^7 + 4^2 + 7^3 + 11^0 + 12^0 = 17 + 42 + 73 + 110 + 120 \\ 362 &:= 1^7 + 4^2 + 7^3 + 8^0 + 15^0 = 17 + 42 + 73 + 80 + 150 \\ 362 &:= 1^7 + 4^2 + 7^3 + 9^0 + 14^0 = 17 + 42 + 73 + 90 + 140 \\ 362 &:= 1^7 + 5^1 + 7^3 + 10^0 + 12^1 = 17 + 51 + 73 + 100 + 121 \\ 362 &:= 1^7 + 6^1 + 7^3 + 10^0 + 11^1 = 17 + 61 + 73 + 100 + 111 \\ 362 &:= 1^7 + 7^1 + 7^3 + 10^0 + 10^1 = 17 + 71 + 73 + 100 + 101 \\ 362 &:= 1^7 + 7^3 + 8^1 + 9^1 + 10^0 = 17 + 73 + 81 + 91 + 100 \\ 362 &:= 1^8 + 1^8 + 8^2 + 10^2 + 14^2 = 18 + 18 + 82 + 102 + 142 \\ 362 &:= 1^8 + 1^9 + 4^2 + 7^3 + 21^0 = 18 + 19 + 42 + 73 + 210 \\ 362 &:= 1^8 + 1^9 + 7^1 + 8^2 + 17^2 = 18 + 19 + 71 + 82 + 172 \\ 362 &:= 1^8 + 2^0 + 7^3 + 9^0 + 16^1 = 18 + 20 + 73 + 90 + 161 \end{aligned}$$

$$\begin{aligned}
 362 &:= 1^8 + 2^4 + 2^7 + 6^3 + 23^0 = 18 + 24 + 27 + 63 + 230 \\
 362 &:= 1^8 + 3^0 + 7^3 + 8^0 + 16^1 = 18 + 30 + 73 + 80 + 161 \\
 362 &:= 1^8 + 4^0 + 7^0 + 7^3 + 16^1 = 18 + 40 + 70 + 73 + 161 \\
 362 &:= 1^8 + 5^0 + 6^0 + 7^3 + 16^1 = 18 + 50 + 60 + 73 + 161 \\
 362 &:= 1^9 + 1^9 + 7^3 + 9^0 + 16^1 = 19 + 19 + 73 + 90 + 161 \\
 362 &:= 1^9 + 2^2 + 2^8 + 9^2 + 20^1 = 19 + 22 + 28 + 92 + 201 \\
 362 &:= 1^9 + 2^8 + 3^4 + 5^0 + 23^1 = 19 + 28 + 34 + 50 + 231 \\
 362 &:= 2^0 + 2^2 + 2^8 + 10^2 + 19^0 = 20 + 22 + 28 + 102 + 190 \\
 362 &:= 2^0 + 2^6 + 6^3 + 8^2 + 17^1 = 20 + 26 + 63 + 82 + 171 \\
 362 &:= 2^0 + 2^7 + 4^2 + 6^3 + 21^0 = 20 + 27 + 42 + 63 + 210 \\
 362 &:= 2^0 + 2^7 + 5^2 + 12^1 + 14^2 = 20 + 27 + 52 + 121 + 142 \\
 362 &:= 2^1 + 2^4 + 3^5 + 10^2 + 18^0 = 21 + 24 + 35 + 102 + 180 \\
 362 &:= 2^1 + 2^7 + 6^3 + 10^0 + 15^1 = 21 + 27 + 63 + 100 + 151 \\
 362 &:= 2^1 + 2^8 + 3^1 + 10^2 + 18^0 = 21 + 28 + 31 + 102 + 180 \\
 362 &:= 2^2 + 2^2 + 2^6 + 12^0 + 17^2 = 22 + 22 + 26 + 120 + 172 \\
 362 &:= 2^2 + 2^4 + 5^3 + 6^3 + 20^0 = 22 + 24 + 53 + 63 + 200 \\
 362 &:= 2^2 + 2^7 + 4^1 + 12^0 + 15^2 = 22 + 27 + 41 + 120 + 152 \\
 362 &:= 2^2 + 2^8 + 10^0 + 10^2 + 11^0 = 22 + 28 + 100 + 102 + 110 \\
 362 &:= 2^2 + 2^8 + 3^0 + 10^2 + 18^0 = 22 + 28 + 30 + 102 + 180 \\
 362 &:= 2^2 + 2^8 + 4^0 + 10^2 + 17^0 = 22 + 28 + 40 + 102 + 170 \\
 362 &:= 2^2 + 2^8 + 5^0 + 10^2 + 16^0 = 22 + 28 + 50 + 102 + 160 \\
 362 &:= 2^2 + 2^8 + 6^0 + 10^2 + 15^0 = 22 + 28 + 60 + 102 + 150 \\
 362 &:= 2^2 + 2^8 + 7^0 + 10^2 + 14^0 = 22 + 28 + 70 + 102 + 140 \\
 362 &:= 2^2 + 2^8 + 8^0 + 10^2 + 13^0 = 22 + 28 + 80 + 102 + 130 \\
 362 &:= 2^2 + 2^8 + 9^0 + 10^2 + 12^0 = 22 + 28 + 90 + 102 + 120 \\
 362 &:= 2^3 + 2^4 + 6^3 + 11^2 + 14^0 = 23 + 24 + 63 + 112 + 140 \\
 362 &:= 2^3 + 3^4 + 4^4 + 10^0 + 16^1 = 23 + 34 + 44 + 100 + 161 \\
 362 &:= 2^4 + 4^4 + 5^2 + 8^2 + 16^0 = 24 + 44 + 52 + 82 + 160 \\
 362 &:= 2^5 + 3^2 + 4^3 + 10^0 + 16^2 = 25 + 32 + 43 + 100 + 162
 \end{aligned}$$

$$\begin{aligned}
 362 &:= 2^5 + 4^3 + 6^0 + 11^2 + 12^2 = 25 + 43 + 60 + 112 + 122 \\
 362 &:= 2^5 + 4^4 + 8^2 + 9^1 + 12^0 = 25 + 44 + 82 + 91 + 120 \\
 362 &:= 2^5 + 6^3 + 7^2 + 8^2 + 12^0 = 25 + 63 + 72 + 82 + 120 \\
 362 &:= 2^6 + 3^1 + 5^3 + 12^0 + 13^2 = 26 + 31 + 53 + 120 + 132 \\
 362 &:= 2^6 + 3^2 + 6^0 + 12^2 + 12^2 = 26 + 32 + 60 + 122 + 122 \\
 362 &:= 2^6 + 4^0 + 8^2 + 8^2 + 13^2 = 26 + 40 + 82 + 82 + 132 \\
 362 &:= 2^6 + 4^2 + 5^2 + 8^0 + 16^2 = 26 + 42 + 52 + 80 + 162 \\
 362 &:= 2^6 + 4^3 + 6^0 + 8^1 + 15^2 = 26 + 43 + 60 + 81 + 152 \\
 362 &:= 2^6 + 6^0 + 6^2 + 6^2 + 15^2 = 26 + 60 + 62 + 62 + 152 \\
 362 &:= 2^7 + 3^0 + 4^2 + 6^3 + 20^0 = 27 + 30 + 42 + 63 + 200 \\
 362 &:= 2^7 + 3^1 + 6^3 + 10^0 + 14^1 = 27 + 31 + 63 + 100 + 141 \\
 362 &:= 2^7 + 4^0 + 4^2 + 6^3 + 19^0 = 27 + 40 + 42 + 63 + 190 \\
 362 &:= 2^7 + 4^0 + 8^1 + 9^2 + 12^2 = 27 + 40 + 81 + 92 + 122 \\
 362 &:= 2^7 + 4^1 + 6^3 + 10^0 + 13^1 = 27 + 41 + 63 + 100 + 131 \\
 362 &:= 2^7 + 4^2 + 5^0 + 6^3 + 18^0 = 27 + 42 + 50 + 63 + 180 \\
 362 &:= 2^7 + 4^2 + 6^0 + 6^3 + 17^0 = 27 + 42 + 60 + 63 + 170 \\
 362 &:= 2^7 + 4^2 + 6^3 + 10^0 + 13^0 = 27 + 42 + 63 + 100 + 130 \\
 362 &:= 2^7 + 4^2 + 6^3 + 11^0 + 12^0 = 27 + 42 + 63 + 110 + 120 \\
 362 &:= 2^7 + 4^2 + 6^3 + 7^0 + 16^0 = 27 + 42 + 63 + 70 + 160 \\
 362 &:= 2^7 + 4^2 + 6^3 + 8^0 + 15^0 = 27 + 42 + 63 + 80 + 150 \\
 362 &:= 2^7 + 4^2 + 6^3 + 9^0 + 14^0 = 27 + 42 + 63 + 90 + 140 \\
 362 &:= 2^7 + 5^1 + 6^3 + 10^0 + 12^1 = 27 + 51 + 63 + 100 + 121 \\
 362 &:= 2^7 + 6^1 + 6^3 + 10^0 + 11^1 = 27 + 61 + 63 + 100 + 111 \\
 362 &:= 2^7 + 6^3 + 7^1 + 10^0 + 10^1 = 27 + 63 + 71 + 100 + 101 \\
 362 &:= 2^7 + 6^3 + 8^1 + 9^1 + 10^0 = 27 + 63 + 81 + 91 + 100 \\
 362 &:= 3^4 + 3^5 + 4^0 + 4^2 + 21^1 = 34 + 35 + 40 + 42 + 211 \\
 362 &:= 3^4 + 3^5 + 5^2 + 12^0 + 12^1 = 34 + 35 + 52 + 120 + 121
 \end{aligned}$$

2.2.264 Number 363

$$\begin{aligned}
 363 &:= 1^1 + 16^0 + 19^2 = 11 + 160 + 192 \\
 363 &:= 1^8 + 8^2 + 9^1 + 17^2 = 18 + 82 + 91 + 172 \\
 363 &:= 1^9 + 7^3 + 9^0 + 18^1 = 19 + 73 + 90 + 181 \\
 363 &:= 2^2 + 2^8 + 9^2 + 22^1 = 22 + 28 + 92 + 221 \\
 363 &:= 2^8 + 3^4 + 5^0 + 25^1 = 28 + 34 + 50 + 251 \\
 363 &:= 1^0 + 1^8 + 6^3 + 12^2 + 15^0 = 10 + 18 + 63 + 122 + 150 \\
 363 &:= 1^0 + 1^8 + 8^1 + 8^2 + 17^2 = 10 + 18 + 81 + 82 + 172
 \end{aligned}$$

$$\begin{aligned}
 363 &:= 1^0 + 1^9 + 6^2 + 9^0 + 18^2 = 10 + 19 + 62 + 90 + 182 \\
 363 &:= 1^0 + 1^9 + 7^3 + 9^0 + 17^1 = 10 + 19 + 73 + 90 + 171 \\
 363 &:= 1^0 + 2^2 + 2^8 + 9^2 + 21^1 = 10 + 22 + 28 + 92 + 211 \\
 363 &:= 1^0 + 2^6 + 3^4 + 6^3 + 23^0 = 10 + 26 + 34 + 63 + 230 \\
 363 &:= 1^0 + 2^8 + 3^4 + 5^0 + 24^1 = 10 + 28 + 34 + 50 + 241 \\
 363 &:= 1^1 + 1^7 + 6^3 + 12^2 + 15^0 = 11 + 17 + 63 + 122 + 150 \\
 363 &:= 1^1 + 1^7 + 8^1 + 8^2 + 17^2 = 11 + 17 + 81 + 82 + 172
 \end{aligned}$$

$$\begin{aligned} 363 &:= 1^1 + 1^8 + 6^2 + 9^0 + 18^2 = 11 + 18 + 62 + 90 + 182 \\ 363 &:= 1^1 + 1^8 + 7^3 + 9^0 + 17^1 = 11 + 18 + 73 + 90 + 171 \\ 363 &:= 1^1 + 2^3 + 2^7 + 15^0 + 15^2 = 11 + 23 + 27 + 150 + 152 \\ 363 &:= 1^1 + 2^6 + 6^3 + 8^2 + 18^1 = 11 + 26 + 63 + 82 + 181 \\ 363 &:= 1^1 + 2^7 + 4^3 + 13^2 + 15^0 = 11 + 27 + 43 + 132 + 150 \\ 363 &:= 1^1 + 2^7 + 5^2 + 13^1 + 14^2 = 11 + 27 + 52 + 131 + 142 \\ 363 &:= 1^2 + 1^6 + 6^3 + 12^2 + 15^0 = 12 + 16 + 63 + 122 + 150 \\ 363 &:= 1^2 + 1^6 + 8^1 + 8^2 + 17^2 = 12 + 16 + 81 + 82 + 172 \\ 363 &:= 1^2 + 1^7 + 6^2 + 9^0 + 18^2 = 12 + 17 + 62 + 90 + 182 \\ 363 &:= 1^2 + 1^7 + 7^3 + 9^0 + 17^1 = 12 + 17 + 73 + 90 + 171 \\ 363 &:= 1^2 + 2^3 + 2^6 + 13^0 + 17^2 = 12 + 23 + 26 + 130 + 172 \\ 363 &:= 1^2 + 2^6 + 6^3 + 9^2 + 17^0 = 12 + 26 + 63 + 92 + 170 \\ 363 &:= 1^2 + 2^6 + 8^1 + 11^2 + 13^2 = 12 + 26 + 81 + 112 + 132 \\ 363 &:= 1^2 + 2^6 + 8^2 + 9^1 + 15^2 = 12 + 26 + 82 + 91 + 152 \\ 363 &:= 1^2 + 2^7 + 6^3 + 9^0 + 17^1 = 12 + 27 + 63 + 90 + 171 \\ 363 &:= 1^2 + 2^7 + 8^2 + 11^0 + 13^2 = 12 + 27 + 82 + 110 + 132 \\ 363 &:= 1^2 + 2^8 + 5^1 + 10^2 + 17^0 = 12 + 28 + 51 + 102 + 170 \\ 363 &:= 1^3 + 1^5 + 6^3 + 12^2 + 15^0 = 13 + 15 + 63 + 122 + 150 \\ 363 &:= 1^3 + 1^5 + 8^1 + 8^2 + 17^2 = 13 + 15 + 81 + 82 + 172 \\ 363 &:= 1^3 + 1^6 + 6^2 + 9^0 + 18^2 = 13 + 16 + 62 + 90 + 182 \\ 363 &:= 1^3 + 1^6 + 7^3 + 9^0 + 17^1 = 13 + 16 + 73 + 90 + 171 \\ 363 &:= 1^3 + 2^4 + 9^2 + 11^2 + 12^2 = 13 + 24 + 92 + 112 + 122 \\ 363 &:= 1^3 + 2^7 + 8^1 + 9^0 + 15^2 = 13 + 27 + 81 + 90 + 152 \\ 363 &:= 1^3 + 3^4 + 4^3 + 6^3 + 21^0 = 13 + 34 + 43 + 63 + 210 \\ 363 &:= 1^4 + 1^4 + 6^3 + 12^2 + 15^0 = 14 + 14 + 63 + 122 + 150 \\ 363 &:= 1^4 + 1^4 + 8^1 + 8^2 + 17^2 = 14 + 14 + 81 + 82 + 172 \\ 363 &:= 1^4 + 1^5 + 6^2 + 9^0 + 18^2 = 14 + 15 + 62 + 90 + 182 \\ 363 &:= 1^4 + 1^5 + 7^3 + 9^0 + 17^1 = 14 + 15 + 73 + 90 + 171 \\ 363 &:= 1^4 + 2^3 + 8^2 + 11^2 + 13^2 = 14 + 23 + 82 + 112 + 132 \\ 363 &:= 1^4 + 2^4 + 6^1 + 12^2 + 14^2 = 14 + 24 + 61 + 122 + 142 \\ 363 &:= 1^4 + 2^4 + 7^2 + 8^1 + 17^2 = 14 + 24 + 72 + 81 + 172 \\ 363 &:= 1^4 + 2^6 + 7^0 + 8^1 + 17^2 = 14 + 26 + 70 + 81 + 172 \\ 363 &:= 1^4 + 3^0 + 3^4 + 4^4 + 24^1 = 14 + 30 + 34 + 44 + 241 \\ 363 &:= 1^4 + 3^4 + 6^3 + 8^2 + 17^0 = 14 + 34 + 63 + 82 + 170 \\ 363 &:= 1^4 + 4^4 + 5^2 + 8^2 + 17^1 = 14 + 44 + 52 + 82 + 171 \\ 363 &:= 1^5 + 2^1 + 2^4 + 7^3 + 23^0 = 15 + 21 + 24 + 73 + 230 \\ 363 &:= 1^5 + 2^2 + 9^2 + 9^2 + 14^2 = 15 + 22 + 92 + 92 + 142 \\ 363 &:= 1^5 + 2^3 + 4^3 + 11^0 + 17^2 = 15 + 23 + 43 + 110 + 172 \end{aligned}$$

$$\begin{aligned} 363 &:= 1^5 + 2^5 + 5^1 + 9^0 + 18^2 = 15 + 25 + 51 + 90 + 182 \\ 363 &:= 1^5 + 3^0 + 3^5 + 10^2 + 18^1 = 15 + 30 + 35 + 102 + 181 \\ 363 &:= 1^5 + 3^2 + 6^2 + 11^2 + 14^2 = 15 + 32 + 62 + 112 + 142 \\ 363 &:= 1^5 + 3^2 + 8^2 + 8^2 + 15^2 = 15 + 32 + 82 + 82 + 152 \\ 363 &:= 1^5 + 4^3 + 6^3 + 9^2 + 15^0 = 15 + 43 + 63 + 92 + 150 \\ 363 &:= 1^6 + 2^1 + 8^2 + 10^2 + 14^2 = 16 + 21 + 82 + 102 + 142 \\ 363 &:= 1^6 + 2^2 + 5^2 + 9^1 + 18^2 = 16 + 22 + 52 + 91 + 182 \\ 363 &:= 1^6 + 2^3 + 7^0 + 8^2 + 17^2 = 16 + 23 + 70 + 82 + 172 \\ 363 &:= 1^6 + 2^3 + 7^3 + 10^1 + 15^0 = 16 + 23 + 73 + 101 + 150 \\ 363 &:= 1^6 + 3^0 + 5^3 + 6^3 + 20^1 = 16 + 30 + 53 + 63 + 201 \\ 363 &:= 1^6 + 3^2 + 3^2 + 7^3 + 21^0 = 16 + 32 + 32 + 73 + 210 \\ 363 &:= 1^6 + 4^4 + 5^1 + 10^2 + 15^0 = 16 + 44 + 51 + 102 + 150 \\ 363 &:= 1^6 + 6^3 + 8^2 + 9^2 + 11^0 = 16 + 63 + 82 + 92 + 110 \\ 363 &:= 1^7 + 2^1 + 4^2 + 7^3 + 21^0 = 17 + 21 + 42 + 73 + 210 \\ 363 &:= 1^7 + 2^1 + 7^1 + 8^2 + 17^2 = 17 + 21 + 71 + 82 + 172 \\ 363 &:= 1^7 + 2^2 + 7^3 + 11^0 + 14^1 = 17 + 22 + 73 + 110 + 141 \\ 363 &:= 1^7 + 3^0 + 3^3 + 10^1 + 18^2 = 17 + 30 + 33 + 101 + 182 \\ 363 &:= 1^7 + 3^0 + 5^3 + 11^1 + 15^2 = 17 + 30 + 53 + 111 + 152 \\ 363 &:= 1^7 + 3^0 + 6^2 + 10^2 + 15^2 = 17 + 30 + 62 + 102 + 152 \\ 363 &:= 1^7 + 3^1 + 6^1 + 8^2 + 17^2 = 17 + 31 + 61 + 82 + 172 \\ 363 &:= 1^7 + 3^2 + 7^3 + 9^1 + 15^0 = 17 + 32 + 73 + 91 + 150 \\ 363 &:= 1^7 + 4^1 + 5^1 + 8^2 + 17^2 = 17 + 41 + 51 + 82 + 172 \\ 363 &:= 1^7 + 4^3 + 5^0 + 8^1 + 17^2 = 17 + 43 + 50 + 81 + 172 \\ 363 &:= 1^7 + 5^0 + 6^2 + 6^2 + 17^2 = 17 + 50 + 62 + 62 + 172 \\ 363 &:= 1^8 + 2^0 + 6^3 + 12^2 + 14^0 = 18 + 20 + 63 + 122 + 140 \\ 363 &:= 1^8 + 2^1 + 7^3 + 9^0 + 16^1 = 18 + 21 + 73 + 90 + 161 \\ 363 &:= 1^8 + 2^6 + 2^7 + 13^2 + 16^0 = 18 + 26 + 27 + 132 + 160 \\ 363 &:= 1^8 + 3^0 + 5^1 + 10^2 + 16^2 = 18 + 30 + 51 + 102 + 162 \\ 363 &:= 1^8 + 3^0 + 6^3 + 12^2 + 13^0 = 18 + 30 + 63 + 122 + 130 \\ 363 &:= 1^8 + 3^1 + 7^3 + 9^0 + 15^1 = 18 + 31 + 73 + 90 + 151 \\ 363 &:= 1^8 + 4^0 + 6^3 + 12^0 + 12^2 = 18 + 40 + 63 + 120 + 122 \\ 363 &:= 1^8 + 4^1 + 7^3 + 9^0 + 14^1 = 18 + 41 + 73 + 90 + 141 \\ 363 &:= 1^8 + 5^0 + 6^3 + 11^0 + 12^2 = 18 + 50 + 63 + 110 + 122 \\ 363 &:= 1^8 + 5^1 + 7^3 + 9^0 + 13^1 = 18 + 51 + 73 + 90 + 131 \\ 363 &:= 1^8 + 6^0 + 6^3 + 10^0 + 12^2 = 18 + 60 + 63 + 100 + 122 \\ 363 &:= 1^8 + 6^1 + 7^3 + 9^0 + 12^1 = 18 + 61 + 73 + 90 + 121 \\ 363 &:= 1^8 + 6^3 + 7^0 + 9^0 + 12^2 = 18 + 63 + 70 + 90 + 122 \\ 363 &:= 1^8 + 6^3 + 8^0 + 8^0 + 12^2 = 18 + 63 + 80 + 80 + 122 \end{aligned}$$

$$\begin{aligned} 363 &:= 1^8 + 7^1 + 7^3 + 9^0 + 11^1 = 18 + 71 + 73 + 90 + 111 \\ 363 &:= 1^8 + 7^3 + 8^1 + 9^0 + 10^1 = 18 + 73 + 81 + 90 + 101 \\ 363 &:= 1^8 + 7^3 + 9^0 + 9^1 + 9^1 = 18 + 73 + 90 + 91 + 91 \\ 363 &:= 1^9 + 1^9 + 6^3 + 12^2 + 14^0 = 19 + 19 + 63 + 122 + 140 \\ 363 &:= 1^9 + 2^0 + 6^2 + 8^0 + 18^2 = 19 + 20 + 62 + 80 + 182 \\ 363 &:= 1^9 + 2^0 + 7^3 + 8^0 + 17^1 = 19 + 20 + 73 + 80 + 171 \\ 363 &:= 1^9 + 3^0 + 6^2 + 7^0 + 18^2 = 19 + 30 + 62 + 70 + 182 \\ 363 &:= 1^9 + 3^0 + 7^0 + 7^3 + 17^1 = 19 + 30 + 70 + 73 + 171 \\ 363 &:= 1^9 + 4^0 + 6^0 + 6^2 + 18^2 = 19 + 40 + 60 + 62 + 182 \\ 363 &:= 1^9 + 4^0 + 6^0 + 7^3 + 17^1 = 19 + 40 + 60 + 73 + 171 \\ 363 &:= 1^9 + 5^0 + 5^0 + 6^2 + 18^2 = 19 + 50 + 50 + 62 + 182 \\ 363 &:= 1^9 + 5^0 + 5^0 + 7^3 + 17^1 = 19 + 50 + 50 + 73 + 171 \\ 363 &:= 2^0 + 2^6 + 3^4 + 6^3 + 22^0 = 20 + 26 + 34 + 63 + 220 \\ 363 &:= 2^0 + 2^8 + 3^4 + 4^0 + 24^1 = 20 + 28 + 34 + 40 + 241 \\ 363 &:= 2^1 + 2^2 + 2^8 + 10^2 + 19^0 = 21 + 22 + 28 + 102 + 190 \\ 363 &:= 2^1 + 2^6 + 6^3 + 8^2 + 17^1 = 21 + 26 + 63 + 82 + 171 \\ 363 &:= 2^1 + 2^7 + 4^2 + 6^3 + 21^0 = 21 + 27 + 42 + 63 + 210 \\ 363 &:= 2^1 + 2^7 + 5^2 + 12^1 + 14^2 = 21 + 27 + 52 + 121 + 142 \\ 363 &:= 2^2 + 2^5 + 3^3 + 11^1 + 17^2 = 22 + 25 + 33 + 111 + 172 \\ 363 &:= 2^2 + 2^6 + 5^3 + 13^0 + 13^2 = 22 + 26 + 53 + 130 + 132 \\ 363 &:= 2^2 + 2^6 + 7^1 + 12^2 + 12^2 = 22 + 26 + 71 + 122 + 122 \\ 363 &:= 2^2 + 2^7 + 6^3 + 11^0 + 14^1 = 22 + 27 + 63 + 110 + 141 \\ 363 &:= 2^3 + 2^4 + 7^2 + 11^2 + 13^2 = 23 + 24 + 72 + 112 + 132 \\ 363 &:= 2^3 + 2^5 + 5^2 + 9^1 + 17^2 = 23 + 25 + 52 + 91 + 172 \\ 363 &:= 2^3 + 2^5 + 6^1 + 11^2 + 14^2 = 23 + 25 + 61 + 112 + 142 \\ 363 &:= 2^3 + 2^6 + 7^0 + 11^2 + 13^2 = 23 + 26 + 70 + 112 + 132 \\ 363 &:= 2^4 + 2^4 + 6^1 + 10^2 + 15^2 = 24 + 24 + 61 + 102 + 152 \\ 363 &:= 2^4 + 2^5 + 5^2 + 9^0 + 17^2 = 24 + 25 + 52 + 90 + 172 \\ 363 &:= 2^4 + 3^2 + 4^4 + 8^2 + 18^1 = 24 + 32 + 44 + 82 + 181 \\ 363 &:= 2^4 + 3^4 + 4^4 + 9^1 + 17^0 = 24 + 34 + 44 + 91 + 170 \\ 363 &:= 2^4 + 3^4 + 6^3 + 7^2 + 17^0 = 24 + 34 + 63 + 72 + 170 \\ 363 &:= 2^4 + 4^3 + 9^2 + 9^2 + 11^2 = 24 + 43 + 92 + 92 + 112 \\ 363 &:= 2^4 + 4^4 + 5^2 + 7^2 + 17^1 = 24 + 44 + 52 + 72 + 171 \\ 363 &:= 2^5 + 2^5 + 5^0 + 9^1 + 17^2 = 25 + 25 + 50 + 91 + 172 \\ 363 &:= 2^5 + 3^5 + 6^1 + 9^2 + 15^0 = 25 + 35 + 61 + 92 + 150 \\ 363 &:= 2^5 + 4^2 + 5^2 + 11^2 + 13^2 = 25 + 42 + 52 + 112 + 132 \\ 363 &:= 2^5 + 4^3 + 4^4 + 10^1 + 15^0 = 25 + 43 + 44 + 101 + 150 \\ 363 &:= 2^5 + 4^3 + 7^1 + 8^2 + 14^2 = 25 + 43 + 71 + 82 + 142 \end{aligned}$$

$$\begin{aligned} 363 &:= 2^5 + 4^4 + 5^2 + 7^2 + 17^0 = 25 + 44 + 52 + 72 + 170 \\ 363 &:= 2^6 + 3^0 + 3^4 + 6^3 + 21^0 = 26 + 30 + 34 + 63 + 210 \\ 363 &:= 2^6 + 3^1 + 6^3 + 8^2 + 16^1 = 26 + 31 + 63 + 82 + 161 \\ 363 &:= 2^6 + 3^2 + 4^3 + 11^0 + 15^2 = 26 + 32 + 43 + 110 + 152 \\ 363 &:= 2^6 + 3^2 + 5^2 + 9^1 + 16^2 = 26 + 32 + 52 + 91 + 162 \\ 363 &:= 2^6 + 3^4 + 4^0 + 6^3 + 20^0 = 26 + 34 + 40 + 63 + 200 \\ 363 &:= 2^6 + 3^4 + 5^0 + 6^3 + 19^0 = 26 + 34 + 50 + 63 + 190 \\ 363 &:= 2^6 + 3^4 + 6^0 + 6^3 + 18^0 = 26 + 34 + 60 + 63 + 180 \\ 363 &:= 2^6 + 3^4 + 6^3 + 10^0 + 14^0 = 26 + 34 + 63 + 100 + 140 \\ 363 &:= 2^6 + 3^4 + 6^3 + 11^0 + 13^0 = 26 + 34 + 63 + 110 + 130 \\ 363 &:= 2^6 + 3^4 + 6^3 + 12^0 + 12^0 = 26 + 34 + 63 + 120 + 120 \\ 363 &:= 2^6 + 3^4 + 6^3 + 7^0 + 17^0 = 26 + 34 + 63 + 70 + 170 \\ 363 &:= 2^6 + 3^4 + 6^3 + 8^0 + 16^0 = 26 + 34 + 63 + 80 + 160 \\ 363 &:= 2^6 + 3^4 + 6^3 + 9^0 + 15^0 = 26 + 34 + 63 + 90 + 150 \\ 363 &:= 2^6 + 4^1 + 6^3 + 8^2 + 15^1 = 26 + 41 + 63 + 82 + 151 \\ 363 &:= 2^6 + 4^2 + 6^1 + 9^2 + 14^2 = 26 + 42 + 61 + 92 + 142 \\ 363 &:= 2^6 + 4^3 + 5^0 + 6^3 + 18^1 = 26 + 43 + 50 + 63 + 181 \\ 363 &:= 2^6 + 4^4 + 5^2 + 7^0 + 17^1 = 26 + 44 + 52 + 70 + 171 \\ 363 &:= 2^6 + 4^4 + 6^1 + 6^2 + 17^0 = 26 + 44 + 61 + 62 + 170 \\ 363 &:= 2^6 + 5^1 + 5^2 + 10^2 + 13^2 = 26 + 51 + 52 + 102 + 132 \\ 363 &:= 2^6 + 5^1 + 6^3 + 8^2 + 14^1 = 26 + 51 + 63 + 82 + 141 \\ 363 &:= 2^6 + 5^1 + 7^2 + 7^2 + 14^2 = 26 + 51 + 72 + 72 + 142 \\ 363 &:= 2^6 + 6^1 + 6^3 + 8^2 + 13^1 = 26 + 61 + 63 + 82 + 131 \\ 363 &:= 2^6 + 6^3 + 7^1 + 8^2 + 12^1 = 26 + 63 + 71 + 82 + 121 \\ 363 &:= 2^6 + 6^3 + 8^1 + 8^2 + 11^1 = 26 + 63 + 81 + 82 + 111 \\ 363 &:= 2^6 + 6^3 + 8^2 + 9^1 + 10^1 = 26 + 63 + 82 + 91 + 101 \\ 363 &:= 2^7 + 3^1 + 5^2 + 11^1 + 14^2 = 27 + 31 + 52 + 111 + 142 \\ 363 &:= 2^7 + 3^2 + 6^3 + 9^1 + 15^0 = 27 + 32 + 63 + 91 + 150 \\ 363 &:= 2^7 + 3^2 + 9^0 + 9^2 + 12^2 = 27 + 32 + 90 + 92 + 122 \\ 363 &:= 2^7 + 3^3 + 5^0 + 11^1 + 14^2 = 27 + 33 + 50 + 111 + 142 \\ 363 &:= 2^7 + 4^1 + 5^2 + 10^1 + 14^2 = 27 + 41 + 52 + 101 + 142 \\ 363 &:= 2^7 + 4^2 + 7^2 + 9^0 + 13^2 = 27 + 42 + 72 + 90 + 132 \\ 363 &:= 2^7 + 5^1 + 5^2 + 9^1 + 14^2 = 27 + 51 + 52 + 91 + 142 \\ 363 &:= 2^7 + 5^2 + 6^1 + 8^1 + 14^2 = 27 + 52 + 61 + 81 + 142 \\ 363 &:= 2^7 + 5^2 + 7^1 + 7^1 + 14^2 = 27 + 52 + 71 + 71 + 142 \\ 363 &:= 2^7 + 5^3 + 9^0 + 9^1 + 10^2 = 27 + 53 + 90 + 91 + 102 \\ 363 &:= 2^7 + 7^0 + 7^2 + 8^2 + 11^2 = 27 + 70 + 72 + 82 + 112 \\ 363 &:= 2^8 + 3^0 + 3^0 + 3^4 + 24^1 = 28 + 30 + 30 + 34 + 241 \end{aligned}$$

$$\begin{aligned}
 363 &:= 2^8 + 3^0 + 5^2 + 8^2 + 17^1 = 28 + 30 + 52 + 82 + 171 \\
 363 &:= 2^8 + 3^2 + 5^0 + 9^2 + 16^1 = 28 + 32 + 50 + 92 + 161 \\
 363 &:= 2^8 + 4^2 + 9^1 + 9^2 + 11^0 = 28 + 42 + 91 + 92 + 110 \\
 363 &:= 2^8 + 6^1 + 6^2 + 8^2 + 13^0 = 28 + 61 + 62 + 82 + 130
 \end{aligned}$$

$$\begin{aligned}
 363 &:= 2^8 + 7^2 + 7^2 + 8^1 + 11^0 = 28 + 72 + 72 + 81 + 110 \\
 363 &:= 3^3 + 3^4 + 3^5 + 11^1 + 15^0 = 33 + 34 + 35 + 111 + 150
 \end{aligned}$$

2.2.265 Number 364

$$\begin{aligned}
 364 &:= 7^3 + 9^0 + 20^1 = 73 + 90 + 201 \\
 364 &:= 1^0 + 1^2 + 15^0 + 19^2 = 10 + 12 + 150 + 192 \\
 364 &:= 1^0 + 7^3 + 9^0 + 19^1 = 10 + 73 + 90 + 191 \\
 364 &:= 1^1 + 1^1 + 15^0 + 19^2 = 11 + 11 + 150 + 192 \\
 364 &:= 1^2 + 2^0 + 14^0 + 19^2 = 12 + 20 + 140 + 192 \\
 364 &:= 1^2 + 3^0 + 13^0 + 19^2 = 12 + 30 + 130 + 192 \\
 364 &:= 1^2 + 4^0 + 12^0 + 19^2 = 12 + 40 + 120 + 192 \\
 364 &:= 1^2 + 5^0 + 11^0 + 19^2 = 12 + 50 + 110 + 192 \\
 364 &:= 1^2 + 6^0 + 10^0 + 19^2 = 12 + 60 + 100 + 192 \\
 364 &:= 1^2 + 7^0 + 9^0 + 19^2 = 12 + 70 + 90 + 192 \\
 364 &:= 1^2 + 8^0 + 8^0 + 19^2 = 12 + 80 + 80 + 192 \\
 364 &:= 1^3 + 1^9 + 14^0 + 19^2 = 13 + 19 + 140 + 192 \\
 364 &:= 1^4 + 1^8 + 14^0 + 19^2 = 14 + 18 + 140 + 192 \\
 364 &:= 1^5 + 1^7 + 14^0 + 19^2 = 15 + 17 + 140 + 192 \\
 364 &:= 1^6 + 1^6 + 14^0 + 19^2 = 16 + 16 + 140 + 192 \\
 364 &:= 2^0 + 7^3 + 8^0 + 19^1 = 20 + 73 + 80 + 191 \\
 364 &:= 3^0 + 7^0 + 7^3 + 19^1 = 30 + 70 + 73 + 191 \\
 364 &:= 4^0 + 6^0 + 7^3 + 19^1 = 40 + 60 + 73 + 191 \\
 364 &:= 5^0 + 5^0 + 7^3 + 19^1 = 50 + 50 + 73 + 191 \\
 364 &:= 1^0 + 1^0 + 7^3 + 9^0 + 18^1 = 10 + 10 + 73 + 90 + 181 \\
 364 &:= 1^0 + 2^0 + 7^3 + 8^0 + 18^1 = 10 + 20 + 73 + 80 + 181 \\
 364 &:= 1^0 + 2^8 + 3^4 + 5^2 + 24^0 = 10 + 28 + 34 + 52 + 240 \\
 364 &:= 1^0 + 3^0 + 7^0 + 7^3 + 18^1 = 10 + 30 + 70 + 73 + 181 \\
 364 &:= 1^0 + 4^0 + 6^0 + 7^3 + 18^1 = 10 + 40 + 60 + 73 + 181 \\
 364 &:= 1^0 + 5^0 + 5^0 + 7^3 + 18^1 = 10 + 50 + 50 + 73 + 181 \\
 364 &:= 1^1 + 1^9 + 7^3 + 8^0 + 18^1 = 11 + 19 + 73 + 80 + 181 \\
 364 &:= 1^1 + 2^8 + 3^4 + 4^0 + 25^1 = 11 + 28 + 34 + 40 + 251 \\
 364 &:= 1^2 + 1^8 + 7^3 + 8^0 + 18^1 = 12 + 18 + 73 + 80 + 181 \\
 364 &:= 1^2 + 2^8 + 5^2 + 9^2 + 18^0 = 12 + 28 + 52 + 92 + 180 \\
 364 &:= 1^3 + 1^7 + 7^3 + 8^0 + 18^1 = 13 + 17 + 73 + 80 + 181 \\
 364 &:= 1^3 + 2^7 + 3^2 + 14^0 + 15^2 = 13 + 27 + 32 + 140 + 152 \\
 364 &:= 1^3 + 2^7 + 6^3 + 8^0 + 18^1 = 13 + 27 + 63 + 80 + 181
 \end{aligned}$$

$$\begin{aligned}
 364 &:= 1^3 + 2^8 + 6^1 + 10^2 + 16^0 = 13 + 28 + 61 + 102 + 160 \\
 364 &:= 1^4 + 1^6 + 7^3 + 8^0 + 18^1 = 14 + 16 + 73 + 80 + 181 \\
 364 &:= 1^4 + 2^6 + 3^2 + 12^0 + 17^2 = 14 + 26 + 32 + 120 + 172 \\
 364 &:= 1^4 + 2^7 + 8^0 + 9^1 + 15^2 = 14 + 27 + 80 + 91 + 152 \\
 364 &:= 1^4 + 3^4 + 4^4 + 5^2 + 22^0 = 14 + 34 + 44 + 52 + 220 \\
 364 &:= 1^5 + 1^5 + 7^3 + 8^0 + 18^1 = 15 + 15 + 73 + 80 + 181 \\
 364 &:= 1^5 + 2^0 + 3^4 + 4^4 + 25^1 = 15 + 20 + 34 + 44 + 251 \\
 364 &:= 1^5 + 2^4 + 2^6 + 2^8 + 27^1 = 15 + 24 + 26 + 28 + 271 \\
 364 &:= 1^5 + 2^6 + 6^0 + 9^1 + 17^2 = 15 + 26 + 60 + 91 + 172 \\
 364 &:= 1^5 + 2^7 + 2^7 + 3^4 + 26^1 = 15 + 27 + 27 + 34 + 261 \\
 364 &:= 1^6 + 1^9 + 3^4 + 4^4 + 25^1 = 16 + 19 + 34 + 44 + 251 \\
 364 &:= 1^6 + 2^0 + 3^5 + 10^2 + 19^1 = 16 + 20 + 35 + 102 + 191 \\
 364 &:= 1^6 + 2^4 + 3^1 + 7^3 + 22^0 = 16 + 24 + 31 + 73 + 220 \\
 364 &:= 1^6 + 2^4 + 6^0 + 11^2 + 15^2 = 16 + 24 + 60 + 112 + 152 \\
 364 &:= 1^6 + 2^5 + 6^1 + 8^0 + 18^2 = 16 + 25 + 61 + 80 + 182 \\
 364 &:= 1^6 + 3^4 + 5^2 + 10^0 + 16^2 = 16 + 34 + 52 + 100 + 162 \\
 364 &:= 1^6 + 4^4 + 5^2 + 9^2 + 16^0 = 16 + 44 + 52 + 92 + 160 \\
 364 &:= 1^7 + 1^8 + 3^4 + 4^4 + 25^1 = 17 + 18 + 34 + 44 + 251 \\
 364 &:= 1^7 + 1^9 + 3^5 + 10^2 + 19^1 = 17 + 19 + 35 + 102 + 191 \\
 364 &:= 1^7 + 2^0 + 5^3 + 6^3 + 21^1 = 17 + 20 + 53 + 63 + 211 \\
 364 &:= 1^7 + 2^3 + 7^3 + 11^1 + 14^0 = 17 + 23 + 73 + 111 + 140 \\
 364 &:= 1^7 + 3^2 + 4^3 + 10^0 + 17^2 = 17 + 32 + 43 + 100 + 172 \\
 364 &:= 1^7 + 4^4 + 6^1 + 10^2 + 14^0 = 17 + 44 + 61 + 102 + 140 \\
 364 &:= 1^7 + 5^2 + 6^3 + 11^2 + 12^0 = 17 + 52 + 63 + 112 + 120 \\
 364 &:= 1^8 + 1^8 + 3^5 + 10^2 + 19^1 = 18 + 18 + 35 + 102 + 191 \\
 364 &:= 1^8 + 1^9 + 5^3 + 6^3 + 21^1 = 18 + 19 + 53 + 63 + 211 \\
 364 &:= 1^8 + 2^0 + 3^3 + 11^1 + 18^2 = 18 + 20 + 33 + 111 + 182 \\
 364 &:= 1^8 + 2^0 + 5^3 + 12^1 + 15^2 = 18 + 20 + 53 + 121 + 152 \\
 364 &:= 1^8 + 2^0 + 7^2 + 12^2 + 13^2 = 18 + 20 + 72 + 122 + 132 \\
 364 &:= 1^8 + 2^1 + 6^3 + 12^2 + 14^0 = 18 + 21 + 63 + 122 + 140 \\
 364 &:= 1^8 + 2^2 + 7^3 + 10^0 + 15^1 = 18 + 22 + 73 + 100 + 151 \\
 364 &:= 1^8 + 3^1 + 4^2 + 7^3 + 20^0 = 18 + 31 + 42 + 73 + 200
 \end{aligned}$$

$$\begin{aligned}
 364 &:= 1^8 + 3^2 + 6^0 + 8^2 + 17^2 = 18 + 32 + 60 + 82 + 172 \\
 364 &:= 1^8 + 3^2 + 7^3 + 10^1 + 14^0 = 18 + 32 + 73 + 101 + 140 \\
 364 &:= 1^8 + 4^0 + 4^2 + 11^2 + 15^2 = 18 + 40 + 42 + 112 + 152 \\
 364 &:= 1^8 + 4^0 + 4^3 + 9^1 + 17^2 = 18 + 40 + 43 + 91 + 172 \\
 364 &:= 1^8 + 4^0 + 5^2 + 9^2 + 16^2 = 18 + 40 + 52 + 92 + 162 \\
 364 &:= 1^9 + 1^9 + 3^3 + 11^1 + 18^2 = 19 + 19 + 33 + 111 + 182 \\
 364 &:= 1^9 + 1^9 + 5^3 + 12^1 + 15^2 = 19 + 19 + 53 + 121 + 152 \\
 364 &:= 1^9 + 1^9 + 7^2 + 12^2 + 13^2 = 19 + 19 + 72 + 122 + 132 \\
 364 &:= 1^9 + 2^0 + 6^1 + 10^2 + 16^2 = 19 + 20 + 61 + 102 + 162 \\
 364 &:= 1^9 + 2^1 + 6^2 + 8^0 + 18^2 = 19 + 21 + 62 + 80 + 182 \\
 364 &:= 1^9 + 2^1 + 7^3 + 8^0 + 17^1 = 19 + 21 + 73 + 80 + 171 \\
 364 &:= 1^9 + 3^1 + 7^3 + 8^0 + 16^1 = 19 + 31 + 73 + 80 + 161 \\
 364 &:= 1^9 + 4^1 + 7^3 + 8^0 + 15^1 = 19 + 41 + 73 + 80 + 151 \\
 364 &:= 1^9 + 5^1 + 7^3 + 8^0 + 14^1 = 19 + 51 + 73 + 80 + 141 \\
 364 &:= 1^9 + 6^1 + 7^3 + 8^0 + 13^1 = 19 + 61 + 73 + 80 + 131 \\
 364 &:= 1^9 + 7^1 + 7^3 + 8^0 + 12^1 = 19 + 71 + 73 + 80 + 121 \\
 364 &:= 1^9 + 7^3 + 8^0 + 8^1 + 11^1 = 19 + 73 + 80 + 81 + 111 \\
 364 &:= 1^9 + 7^3 + 8^0 + 9^1 + 10^1 = 19 + 73 + 80 + 91 + 101 \\
 364 &:= 2^0 + 2^0 + 7^0 + 7^3 + 18^1 = 20 + 20 + 70 + 73 + 181 \\
 364 &:= 2^0 + 2^5 + 3^5 + 4^3 + 24^1 = 20 + 25 + 35 + 43 + 241 \\
 364 &:= 2^0 + 2^8 + 3^4 + 5^2 + 23^0 = 20 + 28 + 34 + 52 + 230 \\
 364 &:= 2^0 + 3^0 + 6^0 + 7^3 + 18^1 = 20 + 30 + 60 + 73 + 181 \\
 364 &:= 2^0 + 4^0 + 5^0 + 7^3 + 18^1 = 20 + 40 + 50 + 73 + 181 \\
 364 &:= 2^1 + 2^6 + 3^4 + 6^3 + 22^0 = 21 + 26 + 34 + 63 + 220 \\
 364 &:= 2^1 + 2^8 + 3^4 + 4^0 + 24^1 = 21 + 28 + 34 + 40 + 241 \\
 364 &:= 2^3 + 2^7 + 6^3 + 11^1 + 14^0 = 23 + 27 + 63 + 111 + 140 \\
 364 &:= 2^3 + 2^8 + 4^0 + 9^2 + 18^1 = 23 + 28 + 40 + 92 + 181 \\
 364 &:= 2^4 + 3^3 + 4^3 + 4^4 + 22^0 = 24 + 33 + 43 + 44 + 220 \\
 364 &:= 2^4 + 3^4 + 3^5 + 4^0 + 23^1 = 24 + 34 + 35 + 40 + 231 \\
 364 &:= 2^5 + 2^6 + 4^0 + 11^1 + 16^2 = 25 + 26 + 40 + 111 + 162 \\
 364 &:= 2^6 + 3^3 + 4^4 + 10^0 + 16^1 = 26 + 33 + 44 + 100 + 161 \\
 364 &:= 2^6 + 3^4 + 7^2 + 10^0 + 13^2 = 26 + 34 + 72 + 100 + 132 \\
 364 &:= 2^6 + 3^5 + 4^0 + 6^2 + 20^1 = 26 + 35 + 40 + 62 + 201
 \end{aligned}$$

$$\begin{aligned}
 364 &:= 2^6 + 3^5 + 7^1 + 7^2 + 16^0 = 26 + 35 + 71 + 72 + 160 \\
 364 &:= 2^6 + 5^3 + 5^3 + 7^2 + 16^0 = 26 + 53 + 53 + 72 + 160 \\
 364 &:= 2^7 + 3^3 + 8^2 + 10^0 + 12^2 = 27 + 33 + 82 + 100 + 122 \\
 364 &:= 2^7 + 3^4 + 8^0 + 10^1 + 12^2 = 27 + 34 + 80 + 101 + 122 \\
 364 &:= 2^8 + 3^0 + 3^4 + 5^2 + 22^0 = 28 + 30 + 34 + 52 + 220 \\
 364 &:= 2^8 + 3^1 + 3^4 + 4^0 + 23^1 = 28 + 31 + 34 + 40 + 231 \\
 364 &:= 2^8 + 3^2 + 7^2 + 7^2 + 16^0 = 28 + 32 + 72 + 72 + 160 \\
 364 &:= 2^8 + 3^3 + 6^0 + 8^2 + 16^1 = 28 + 33 + 60 + 82 + 161 \\
 364 &:= 2^8 + 3^4 + 4^0 + 10^1 + 16^1 = 28 + 34 + 40 + 101 + 161 \\
 364 &:= 2^8 + 3^4 + 4^0 + 11^1 + 15^1 = 28 + 34 + 40 + 111 + 151 \\
 364 &:= 2^8 + 3^4 + 4^0 + 12^1 + 14^1 = 28 + 34 + 40 + 121 + 141 \\
 364 &:= 2^8 + 3^4 + 4^0 + 13^1 + 13^1 = 28 + 34 + 40 + 131 + 131 \\
 364 &:= 2^8 + 3^4 + 4^0 + 4^1 + 22^1 = 28 + 34 + 40 + 41 + 221 \\
 364 &:= 2^8 + 3^4 + 4^0 + 5^1 + 21^1 = 28 + 34 + 40 + 51 + 211 \\
 364 &:= 2^8 + 3^4 + 4^0 + 5^2 + 21^0 = 28 + 34 + 40 + 52 + 210 \\
 364 &:= 2^8 + 3^4 + 4^0 + 6^1 + 20^1 = 28 + 34 + 40 + 61 + 201 \\
 364 &:= 2^8 + 3^4 + 4^0 + 7^1 + 19^1 = 28 + 34 + 40 + 71 + 191 \\
 364 &:= 2^8 + 3^4 + 4^0 + 8^1 + 18^1 = 28 + 34 + 40 + 81 + 181 \\
 364 &:= 2^8 + 3^4 + 4^0 + 9^1 + 17^1 = 28 + 34 + 40 + 91 + 171 \\
 364 &:= 2^8 + 3^4 + 5^0 + 5^2 + 20^0 = 28 + 34 + 50 + 52 + 200 \\
 364 &:= 2^8 + 3^4 + 5^2 + 10^0 + 15^0 = 28 + 34 + 52 + 100 + 150 \\
 364 &:= 2^8 + 3^4 + 5^2 + 11^0 + 14^0 = 28 + 34 + 52 + 110 + 140 \\
 364 &:= 2^8 + 3^4 + 5^2 + 12^0 + 13^0 = 28 + 34 + 52 + 120 + 130 \\
 364 &:= 2^8 + 3^4 + 5^2 + 6^0 + 19^0 = 28 + 34 + 52 + 60 + 190 \\
 364 &:= 2^8 + 3^4 + 5^2 + 7^0 + 18^0 = 28 + 34 + 52 + 70 + 180 \\
 364 &:= 2^8 + 3^4 + 5^2 + 8^0 + 17^0 = 28 + 34 + 52 + 80 + 170 \\
 364 &:= 2^8 + 3^4 + 5^2 + 9^0 + 16^0 = 28 + 34 + 52 + 90 + 160 \\
 364 &:= 2^8 + 4^3 + 5^2 + 6^0 + 18^1 = 28 + 43 + 52 + 60 + 181 \\
 364 &:= 2^8 + 4^3 + 6^2 + 7^1 + 16^0 = 28 + 43 + 62 + 71 + 160 \\
 364 &:= 3^0 + 3^0 + 5^0 + 7^3 + 18^1 = 30 + 30 + 50 + 73 + 181 \\
 364 &:= 3^0 + 4^0 + 4^0 + 7^3 + 18^1 = 30 + 40 + 40 + 73 + 181
 \end{aligned}$$

2.2.266 Number 365

$$\begin{aligned}
 365 &:= 1^1 + 7^3 + 8^0 + 20^1 = 11 + 73 + 80 + 201 \\
 365 &:= 1^2 + 2^1 + 14^0 + 19^2 = 12 + 21 + 140 + 192 \\
 365 &:= 1^6 + 3^4 + 4^4 + 27^1 = 16 + 34 + 44 + 271
 \end{aligned}$$

$$\begin{aligned}
 365 &:= 1^7 + 3^5 + 10^2 + 21^1 = 17 + 35 + 102 + 211 \\
 365 &:= 1^8 + 5^3 + 6^3 + 23^1 = 18 + 53 + 63 + 231 \\
 365 &:= 1^9 + 3^3 + 13^1 + 18^2 = 19 + 33 + 131 + 182
 \end{aligned}$$

$$\begin{aligned}
 365 &:= 1^9 + 5^3 + 14^1 + 15^2 &= 19 + 53 + 141 + 152 & 365 &:= 1^0 + 7^1 + 7^3 + 8^0 + 13^1 &= 10 + 71 + 73 + 80 + 131 \\
 365 &:= 2^0 + 8^1 + 10^2 + 16^2 &= 20 + 81 + 102 + 162 & 365 &:= 1^0 + 7^3 + 8^0 + 10^1 + 10^1 &= 10 + 73 + 80 + 101 + 101 \\
 365 &:= 2^1 + 7^3 + 8^0 + 19^1 &= 21 + 73 + 80 + 191 & 365 &:= 1^0 + 7^3 + 8^0 + 8^1 + 12^1 &= 10 + 73 + 80 + 81 + 121 \\
 365 &:= 2^8 + 3^3 + 3^4 + 27^0 &= 28 + 33 + 34 + 270 & 365 &:= 1^0 + 7^3 + 8^0 + 9^1 + 11^1 &= 10 + 73 + 80 + 91 + 111 \\
 365 &:= 3^1 + 7^3 + 8^0 + 18^1 &= 31 + 73 + 80 + 181 & 365 &:= 1^1 + 1^1 + 1^1 + 14^0 + 19^2 &= 11 + 11 + 11 + 140 + 192 \\
 365 &:= 4^1 + 6^2 + 8^0 + 18^2 &= 41 + 62 + 80 + 182 & 365 &:= 1^1 + 1^2 + 2^0 + 13^0 + 19^2 &= 11 + 12 + 20 + 130 + 192 \\
 365 &:= 4^1 + 7^3 + 8^0 + 17^1 &= 41 + 73 + 80 + 171 & 365 &:= 1^1 + 1^2 + 3^0 + 12^0 + 19^2 &= 11 + 12 + 30 + 120 + 192 \\
 365 &:= 5^1 + 7^3 + 8^0 + 16^1 &= 51 + 73 + 80 + 161 & 365 &:= 1^1 + 1^2 + 4^0 + 11^0 + 19^2 &= 11 + 12 + 40 + 110 + 192 \\
 365 &:= 6^1 + 7^3 + 8^0 + 15^1 &= 61 + 73 + 80 + 151 & 365 &:= 1^1 + 1^2 + 5^0 + 10^0 + 19^2 &= 11 + 12 + 50 + 100 + 192 \\
 365 &:= 7^1 + 7^3 + 8^0 + 14^1 &= 71 + 73 + 80 + 141 & 365 &:= 1^1 + 1^2 + 6^0 + 9^0 + 19^2 &= 11 + 12 + 60 + 90 + 192 \\
 365 &:= 7^3 + 8^0 + 10^1 + 11^1 &= 73 + 80 + 101 + 111 & 365 &:= 1^1 + 1^2 + 7^0 + 8^0 + 19^2 &= 11 + 12 + 70 + 80 + 192 \\
 365 &:= 7^3 + 8^0 + 8^1 + 13^1 &= 73 + 80 + 81 + 131 & 365 &:= 1^1 + 1^3 + 1^9 + 13^0 + 19^2 &= 11 + 13 + 19 + 130 + 192 \\
 365 &:= 7^3 + 8^0 + 9^1 + 12^1 &= 73 + 80 + 91 + 121 & 365 &:= 1^1 + 1^4 + 1^8 + 13^0 + 19^2 &= 11 + 14 + 18 + 130 + 192 \\
 365 &:= 1^0 + 1^0 + 1^3 + 14^0 + 19^2 &= 10 + 10 + 13 + 140 + 192 & 365 &:= 1^1 + 1^5 + 1^7 + 13^0 + 19^2 &= 11 + 15 + 17 + 130 + 192 \\
 365 &:= 1^0 + 1^1 + 1^2 + 14^0 + 19^2 &= 10 + 11 + 12 + 140 + 192 & 365 &:= 1^1 + 1^5 + 3^4 + 4^4 + 26^1 &= 11 + 15 + 34 + 44 + 261 \\
 365 &:= 1^0 + 1^1 + 7^3 + 8^0 + 19^1 &= 10 + 11 + 73 + 80 + 191 & 365 &:= 1^1 + 1^6 + 1^6 + 13^0 + 19^2 &= 11 + 16 + 16 + 130 + 192 \\
 365 &:= 1^0 + 1^3 + 2^0 + 13^0 + 19^2 &= 10 + 13 + 20 + 130 + 192 & 365 &:= 1^1 + 1^6 + 3^5 + 10^2 + 20^1 &= 11 + 16 + 35 + 102 + 201 \\
 365 &:= 1^0 + 1^3 + 3^0 + 12^0 + 19^2 &= 10 + 13 + 30 + 120 + 192 & 365 &:= 1^1 + 1^7 + 5^3 + 6^3 + 22^1 &= 11 + 17 + 53 + 63 + 221 \\
 365 &:= 1^0 + 1^3 + 4^0 + 11^0 + 19^2 &= 10 + 13 + 40 + 110 + 192 & 365 &:= 1^1 + 1^8 + 11^2 + 11^2 + 11^2 &= 11 + 18 + 112 + 112 + 112 \\
 365 &:= 1^0 + 1^3 + 5^0 + 10^0 + 19^2 &= 10 + 13 + 50 + 100 + 192 & 365 &:= 1^1 + 1^8 + 3^3 + 12^1 + 18^2 &= 11 + 18 + 33 + 121 + 182 \\
 365 &:= 1^0 + 1^3 + 6^0 + 9^0 + 19^2 &= 10 + 13 + 60 + 90 + 192 & 365 &:= 1^1 + 1^8 + 5^3 + 13^1 + 15^2 &= 11 + 18 + 53 + 131 + 152 \\
 365 &:= 1^0 + 1^3 + 7^0 + 8^0 + 19^2 &= 10 + 13 + 70 + 80 + 192 & 365 &:= 1^1 + 1^9 + 7^1 + 10^2 + 16^2 &= 11 + 19 + 71 + 102 + 162 \\
 365 &:= 1^0 + 1^4 + 1^9 + 13^0 + 19^2 &= 10 + 14 + 19 + 130 + 192 & 365 &:= 1^1 + 2^0 + 7^0 + 7^3 + 19^1 &= 11 + 20 + 70 + 73 + 191 \\
 365 &:= 1^0 + 1^5 + 1^8 + 13^0 + 19^2 &= 10 + 15 + 18 + 130 + 192 & 365 &:= 1^1 + 2^5 + 3^5 + 4^3 + 25^1 &= 11 + 25 + 35 + 43 + 251 \\
 365 &:= 1^0 + 1^6 + 1^7 + 13^0 + 19^2 &= 10 + 16 + 17 + 130 + 192 & 365 &:= 1^1 + 3^0 + 6^0 + 7^3 + 19^1 &= 11 + 30 + 60 + 73 + 191 \\
 365 &:= 1^0 + 1^6 + 3^4 + 4^4 + 26^1 &= 10 + 16 + 34 + 44 + 261 & 365 &:= 1^1 + 4^0 + 5^0 + 7^3 + 19^1 &= 11 + 40 + 50 + 73 + 191 \\
 365 &:= 1^0 + 1^7 + 3^5 + 10^2 + 20^1 &= 10 + 17 + 35 + 102 + 201 & 365 &:= 1^2 + 1^2 + 1^9 + 13^0 + 19^2 &= 12 + 12 + 19 + 130 + 192 \\
 365 &:= 1^0 + 1^8 + 5^3 + 6^3 + 22^1 &= 10 + 18 + 53 + 63 + 221 & 365 &:= 1^2 + 1^3 + 1^8 + 13^0 + 19^2 &= 12 + 13 + 18 + 130 + 192 \\
 365 &:= 1^0 + 1^9 + 11^2 + 11^2 + 11^2 &= 10 + 19 + 112 + 112 + 112 & 365 &:= 1^2 + 1^4 + 1^7 + 13^0 + 19^2 &= 12 + 14 + 17 + 130 + 192 \\
 365 &:= 1^0 + 1^9 + 3^3 + 12^1 + 18^2 &= 10 + 19 + 33 + 121 + 182 & 365 &:= 1^2 + 1^4 + 3^4 + 4^4 + 26^1 &= 12 + 14 + 34 + 44 + 261 \\
 365 &:= 1^0 + 1^9 + 5^3 + 13^1 + 15^2 &= 10 + 19 + 53 + 131 + 152 & 365 &:= 1^2 + 1^5 + 1^6 + 13^0 + 19^2 &= 12 + 15 + 16 + 130 + 192 \\
 365 &:= 1^0 + 2^0 + 7^1 + 10^2 + 16^2 &= 10 + 20 + 71 + 102 + 162 & 365 &:= 1^2 + 1^5 + 3^5 + 10^2 + 20^1 &= 12 + 15 + 35 + 102 + 201 \\
 365 &:= 1^0 + 2^1 + 7^3 + 8^0 + 18^1 &= 10 + 21 + 73 + 80 + 181 & 365 &:= 1^2 + 1^6 + 5^3 + 6^3 + 22^1 &= 12 + 16 + 53 + 63 + 221 \\
 365 &:= 1^0 + 3^1 + 6^2 + 8^0 + 18^2 &= 10 + 31 + 62 + 80 + 182 & 365 &:= 1^2 + 1^7 + 11^2 + 11^2 + 11^2 &= 12 + 17 + 112 + 112 + 112 \\
 365 &:= 1^0 + 3^1 + 7^3 + 8^0 + 17^1 &= 10 + 31 + 73 + 80 + 171 & 365 &:= 1^2 + 1^7 + 3^3 + 12^1 + 18^2 &= 12 + 17 + 33 + 121 + 182 \\
 365 &:= 1^0 + 4^1 + 7^3 + 8^0 + 16^1 &= 10 + 41 + 73 + 80 + 161 & 365 &:= 1^2 + 1^7 + 5^3 + 13^1 + 15^2 &= 12 + 17 + 53 + 131 + 152 \\
 365 &:= 1^0 + 5^1 + 7^3 + 8^0 + 15^1 &= 10 + 51 + 73 + 80 + 151 & 365 &:= 1^2 + 1^8 + 7^1 + 10^2 + 16^2 &= 12 + 18 + 71 + 102 + 162 \\
 365 &:= 1^0 + 6^1 + 7^3 + 8^0 + 14^1 &= 10 + 61 + 73 + 80 + 141 & 365 &:= 1^2 + 1^9 + 7^0 + 7^3 + 19^1 &= 12 + 19 + 70 + 73 + 191
 \end{aligned}$$

$$\begin{aligned}
 365 &:= 1^2 + 2^8 + 3^0 + 3^4 + 26^1 = 12 + 28 + 30 + 34 + 261 \\
 365 &:= 1^2 + 2^8 + 5^2 + 8^2 + 19^1 = 12 + 28 + 52 + 82 + 191 \\
 365 &:= 1^3 + 1^3 + 1^7 + 13^0 + 19^2 = 13 + 13 + 17 + 130 + 192 \\
 365 &:= 1^3 + 1^3 + 3^4 + 4^4 + 26^1 = 13 + 13 + 34 + 44 + 261 \\
 365 &:= 1^3 + 1^4 + 1^6 + 13^0 + 19^2 = 13 + 14 + 16 + 130 + 192 \\
 365 &:= 1^3 + 1^4 + 3^5 + 10^2 + 20^1 = 13 + 14 + 35 + 102 + 201 \\
 365 &:= 1^3 + 1^5 + 1^5 + 13^0 + 19^2 = 13 + 15 + 15 + 130 + 192 \\
 365 &:= 1^3 + 1^5 + 5^3 + 6^3 + 22^1 = 13 + 15 + 53 + 63 + 221 \\
 365 &:= 1^3 + 1^6 + 11^2 + 11^2 + 11^2 = 13 + 16 + 112 + 112 + 112 \\
 365 &:= 1^3 + 1^6 + 3^3 + 12^1 + 18^2 = 13 + 16 + 33 + 121 + 182 \\
 365 &:= 1^3 + 1^6 + 5^3 + 13^1 + 15^2 = 13 + 16 + 53 + 131 + 152 \\
 365 &:= 1^3 + 1^7 + 7^1 + 10^2 + 16^2 = 13 + 17 + 71 + 102 + 162 \\
 365 &:= 1^3 + 1^8 + 7^0 + 7^3 + 19^1 = 13 + 18 + 70 + 73 + 191 \\
 365 &:= 1^3 + 2^0 + 2^0 + 12^0 + 19^2 = 13 + 20 + 20 + 120 + 192 \\
 365 &:= 1^3 + 2^0 + 3^0 + 11^0 + 19^2 = 13 + 20 + 30 + 110 + 192 \\
 365 &:= 1^3 + 2^0 + 4^0 + 10^0 + 19^2 = 13 + 20 + 40 + 100 + 192 \\
 365 &:= 1^3 + 2^0 + 5^0 + 9^0 + 19^2 = 13 + 20 + 50 + 90 + 192 \\
 365 &:= 1^3 + 2^0 + 6^0 + 8^0 + 19^2 = 13 + 20 + 60 + 80 + 192 \\
 365 &:= 1^3 + 2^0 + 7^0 + 7^0 + 19^2 = 13 + 20 + 70 + 70 + 192 \\
 365 &:= 1^3 + 2^7 + 9^2 + 11^1 + 12^2 = 13 + 27 + 92 + 111 + 122 \\
 365 &:= 1^3 + 3^0 + 3^0 + 10^0 + 19^2 = 13 + 30 + 30 + 100 + 192 \\
 365 &:= 1^3 + 3^0 + 4^0 + 9^0 + 19^2 = 13 + 30 + 40 + 90 + 192 \\
 365 &:= 1^3 + 3^0 + 5^0 + 8^0 + 19^2 = 13 + 30 + 50 + 80 + 192 \\
 365 &:= 1^3 + 3^0 + 6^0 + 7^0 + 19^2 = 13 + 30 + 60 + 70 + 192 \\
 365 &:= 1^3 + 3^4 + 3^5 + 4^2 + 24^1 = 13 + 34 + 35 + 42 + 241 \\
 365 &:= 1^3 + 4^0 + 4^0 + 8^0 + 19^2 = 13 + 40 + 40 + 80 + 192 \\
 365 &:= 1^3 + 4^0 + 5^0 + 7^0 + 19^2 = 13 + 40 + 50 + 70 + 192 \\
 365 &:= 1^3 + 4^0 + 6^0 + 6^0 + 19^2 = 13 + 40 + 60 + 60 + 192 \\
 365 &:= 1^3 + 5^0 + 5^0 + 6^0 + 19^2 = 13 + 50 + 50 + 60 + 192 \\
 365 &:= 1^4 + 1^4 + 1^5 + 13^0 + 19^2 = 14 + 14 + 15 + 130 + 192 \\
 365 &:= 1^4 + 1^4 + 5^3 + 6^3 + 22^1 = 14 + 14 + 53 + 63 + 221 \\
 365 &:= 1^4 + 1^5 + 11^2 + 11^2 + 11^2 = 14 + 15 + 112 + 112 + 112 \\
 365 &:= 1^4 + 1^5 + 3^3 + 12^1 + 18^2 = 14 + 15 + 33 + 121 + 182 \\
 365 &:= 1^4 + 1^5 + 5^3 + 13^1 + 15^2 = 14 + 15 + 53 + 131 + 152 \\
 365 &:= 1^4 + 1^6 + 7^1 + 10^2 + 16^2 = 14 + 16 + 71 + 102 + 162 \\
 365 &:= 1^4 + 1^7 + 7^0 + 7^3 + 19^1 = 14 + 17 + 70 + 73 + 191 \\
 365 &:= 1^4 + 1^9 + 2^0 + 12^0 + 19^2 = 14 + 19 + 20 + 120 + 192 \\
 365 &:= 1^4 + 1^9 + 3^0 + 11^0 + 19^2 = 14 + 19 + 30 + 110 + 192
 \end{aligned}$$

$$\begin{aligned}
 365 &:= 1^4 + 1^9 + 4^0 + 10^0 + 19^2 = 14 + 19 + 40 + 100 + 192 \\
 365 &:= 1^4 + 1^9 + 5^0 + 9^0 + 19^2 = 14 + 19 + 50 + 90 + 192 \\
 365 &:= 1^4 + 1^9 + 6^0 + 8^0 + 19^2 = 14 + 19 + 60 + 80 + 192 \\
 365 &:= 1^4 + 1^9 + 7^0 + 7^0 + 19^2 = 14 + 19 + 70 + 70 + 192 \\
 365 &:= 1^4 + 2^5 + 4^3 + 12^1 + 16^2 = 14 + 25 + 43 + 121 + 162 \\
 365 &:= 1^4 + 2^5 + 6^3 + 10^2 + 16^1 = 14 + 25 + 63 + 102 + 161 \\
 365 &:= 1^4 + 2^7 + 6^3 + 7^0 + 19^1 = 14 + 27 + 63 + 70 + 191 \\
 365 &:= 1^4 + 2^8 + 7^1 + 10^2 + 15^0 = 14 + 28 + 71 + 102 + 150 \\
 365 &:= 1^4 + 3^5 + 4^3 + 6^2 + 21^1 = 14 + 35 + 43 + 62 + 211 \\
 365 &:= 1^5 + 1^5 + 7^1 + 10^2 + 16^2 = 15 + 15 + 71 + 102 + 162 \\
 365 &:= 1^5 + 1^6 + 7^0 + 7^3 + 19^1 = 15 + 16 + 70 + 73 + 191 \\
 365 &:= 1^5 + 1^8 + 2^0 + 12^0 + 19^2 = 15 + 18 + 20 + 120 + 192 \\
 365 &:= 1^5 + 1^8 + 3^0 + 11^0 + 19^2 = 15 + 18 + 30 + 110 + 192 \\
 365 &:= 1^5 + 1^8 + 4^0 + 10^0 + 19^2 = 15 + 18 + 40 + 100 + 192 \\
 365 &:= 1^5 + 1^8 + 5^0 + 9^0 + 19^2 = 15 + 18 + 50 + 90 + 192 \\
 365 &:= 1^5 + 1^8 + 6^0 + 8^0 + 19^2 = 15 + 18 + 60 + 80 + 192 \\
 365 &:= 1^5 + 1^8 + 7^0 + 7^0 + 19^2 = 15 + 18 + 70 + 70 + 192 \\
 365 &:= 1^5 + 1^9 + 1^9 + 12^0 + 19^2 = 15 + 19 + 19 + 120 + 192 \\
 365 &:= 1^5 + 2^1 + 3^4 + 4^4 + 25^1 = 15 + 21 + 34 + 44 + 251 \\
 365 &:= 1^5 + 2^3 + 4^4 + 9^2 + 19^1 = 15 + 23 + 44 + 92 + 191 \\
 365 &:= 1^5 + 2^5 + 7^1 + 10^2 + 15^2 = 15 + 25 + 71 + 102 + 152 \\
 365 &:= 1^5 + 2^7 + 7^0 + 10^1 + 15^2 = 15 + 27 + 70 + 101 + 152 \\
 365 &:= 1^5 + 3^1 + 3^4 + 4^4 + 24^1 = 15 + 31 + 34 + 44 + 241 \\
 365 &:= 1^5 + 3^4 + 4^1 + 4^4 + 23^1 = 15 + 34 + 41 + 44 + 231 \\
 365 &:= 1^5 + 3^4 + 4^4 + 10^1 + 17^1 = 15 + 34 + 44 + 101 + 171 \\
 365 &:= 1^5 + 3^4 + 4^4 + 11^1 + 16^1 = 15 + 34 + 44 + 111 + 161 \\
 365 &:= 1^5 + 3^4 + 4^4 + 12^1 + 15^1 = 15 + 34 + 44 + 121 + 151 \\
 365 &:= 1^5 + 3^4 + 4^4 + 13^1 + 14^1 = 15 + 34 + 44 + 131 + 141 \\
 365 &:= 1^5 + 3^4 + 4^4 + 5^1 + 22^1 = 15 + 34 + 44 + 51 + 221 \\
 365 &:= 1^5 + 3^4 + 4^4 + 6^1 + 21^1 = 15 + 34 + 44 + 61 + 211 \\
 365 &:= 1^5 + 3^4 + 4^4 + 7^1 + 20^1 = 15 + 34 + 44 + 71 + 201 \\
 365 &:= 1^5 + 3^4 + 4^4 + 8^1 + 19^1 = 15 + 34 + 44 + 81 + 191 \\
 365 &:= 1^5 + 3^4 + 4^4 + 9^1 + 18^1 = 15 + 34 + 44 + 91 + 181 \\
 365 &:= 1^5 + 3^4 + 5^3 + 12^2 + 14^1 = 15 + 34 + 53 + 122 + 141 \\
 365 &:= 1^5 + 3^4 + 6^3 + 7^2 + 18^1 = 15 + 34 + 63 + 72 + 181 \\
 365 &:= 1^5 + 4^3 + 4^3 + 6^3 + 20^1 = 15 + 43 + 43 + 63 + 201 \\
 365 &:= 1^6 + 1^7 + 2^0 + 12^0 + 19^2 = 16 + 17 + 20 + 120 + 192 \\
 365 &:= 1^6 + 1^7 + 3^0 + 11^0 + 19^2 = 16 + 17 + 30 + 110 + 192
 \end{aligned}$$

$$\begin{aligned} 365 &:= 1^6 + 1^7 + 4^0 + 10^0 + 19^2 = 16 + 17 + 40 + 100 + 192 \\ 365 &:= 1^6 + 1^7 + 5^0 + 9^0 + 19^2 = 16 + 17 + 50 + 90 + 192 \\ 365 &:= 1^6 + 1^7 + 6^0 + 8^0 + 19^2 = 16 + 17 + 60 + 80 + 192 \\ 365 &:= 1^6 + 1^7 + 7^0 + 7^0 + 19^2 = 16 + 17 + 70 + 70 + 192 \\ 365 &:= 1^6 + 1^8 + 1^9 + 12^0 + 19^2 = 16 + 18 + 19 + 120 + 192 \\ 365 &:= 1^6 + 2^1 + 3^5 + 10^2 + 19^1 = 16 + 21 + 35 + 102 + 191 \\ 365 &:= 1^6 + 2^2 + 2^4 + 7^3 + 23^0 = 16 + 22 + 24 + 73 + 230 \\ 365 &:= 1^6 + 2^6 + 5^0 + 10^1 + 17^2 = 16 + 26 + 50 + 101 + 172 \\ 365 &:= 1^6 + 3^1 + 3^5 + 10^2 + 18^1 = 16 + 31 + 35 + 102 + 181 \\ 365 &:= 1^6 + 3^2 + 4^4 + 9^2 + 18^1 = 16 + 32 + 44 + 92 + 181 \\ 365 &:= 1^6 + 3^3 + 7^2 + 12^2 + 12^2 = 16 + 33 + 72 + 122 + 122 \\ 365 &:= 1^6 + 3^4 + 4^2 + 11^1 + 16^2 = 16 + 34 + 42 + 111 + 162 \\ 365 &:= 1^6 + 3^4 + 7^2 + 9^1 + 15^2 = 16 + 34 + 72 + 91 + 152 \\ 365 &:= 1^6 + 3^5 + 10^1 + 10^2 + 11^1 = 16 + 35 + 101 + 102 + 111 \\ 365 &:= 1^6 + 3^5 + 4^1 + 10^2 + 17^1 = 16 + 35 + 41 + 102 + 171 \\ 365 &:= 1^6 + 3^5 + 5^1 + 10^2 + 16^1 = 16 + 35 + 51 + 102 + 161 \\ 365 &:= 1^6 + 3^5 + 6^1 + 10^2 + 15^1 = 16 + 35 + 61 + 102 + 151 \\ 365 &:= 1^6 + 3^5 + 7^1 + 10^2 + 14^1 = 16 + 35 + 71 + 102 + 141 \\ 365 &:= 1^6 + 3^5 + 8^1 + 10^2 + 13^1 = 16 + 35 + 81 + 102 + 131 \\ 365 &:= 1^6 + 3^5 + 9^1 + 10^2 + 12^1 = 16 + 35 + 91 + 102 + 121 \\ 365 &:= 1^6 + 4^3 + 10^2 + 10^2 + 10^2 = 16 + 43 + 102 + 102 + 102 \\ 365 &:= 1^6 + 4^3 + 4^3 + 11^1 + 15^2 = 16 + 43 + 43 + 111 + 152 \\ 365 &:= 1^6 + 5^3 + 5^3 + 10^2 + 14^1 = 16 + 53 + 53 + 102 + 141 \\ 365 &:= 1^7 + 1^7 + 1^9 + 12^0 + 19^2 = 17 + 17 + 19 + 120 + 192 \\ 365 &:= 1^7 + 1^8 + 1^8 + 12^0 + 19^2 = 17 + 18 + 18 + 120 + 192 \\ 365 &:= 1^7 + 2^1 + 5^3 + 6^3 + 21^1 = 17 + 21 + 53 + 63 + 211 \\ 365 &:= 1^7 + 2^2 + 8^2 + 10^2 + 14^2 = 17 + 22 + 82 + 102 + 142 \\ 365 &:= 1^7 + 2^4 + 4^1 + 7^3 + 21^0 = 17 + 24 + 41 + 73 + 210 \\ 365 &:= 1^7 + 2^5 + 7^0 + 7^1 + 18^2 = 17 + 25 + 70 + 71 + 182 \\ 365 &:= 1^7 + 3^1 + 5^3 + 6^3 + 20^1 = 17 + 31 + 53 + 63 + 201 \\ 365 &:= 1^7 + 3^2 + 7^2 + 9^2 + 15^2 = 17 + 32 + 72 + 92 + 152 \\ 365 &:= 1^7 + 4^1 + 5^3 + 6^3 + 19^1 = 17 + 41 + 53 + 63 + 191 \\ 365 &:= 1^7 + 4^3 + 6^2 + 8^1 + 16^2 = 17 + 43 + 62 + 81 + 162 \\ 365 &:= 1^7 + 5^1 + 5^3 + 6^3 + 18^1 = 17 + 51 + 53 + 63 + 181 \\ 365 &:= 1^7 + 5^3 + 6^1 + 6^3 + 17^1 = 17 + 53 + 61 + 63 + 171 \\ 365 &:= 1^7 + 5^3 + 6^3 + 10^1 + 13^1 = 17 + 53 + 63 + 101 + 131 \\ 365 &:= 1^7 + 5^3 + 6^3 + 11^1 + 12^1 = 17 + 53 + 63 + 111 + 121 \\ 365 &:= 1^7 + 5^3 + 6^3 + 7^1 + 16^1 = 17 + 53 + 63 + 71 + 161 \end{aligned}$$

$$\begin{aligned} 365 &:= 1^7 + 5^3 + 6^3 + 8^1 + 15^1 = 17 + 53 + 63 + 81 + 151 \\ 365 &:= 1^7 + 5^3 + 6^3 + 9^1 + 14^1 = 17 + 53 + 63 + 91 + 141 \\ 365 &:= 1^7 + 6^2 + 6^2 + 6^2 + 16^2 = 17 + 62 + 62 + 62 + 162 \\ 365 &:= 1^7 + 6^2 + 6^3 + 10^2 + 12^1 = 17 + 62 + 63 + 102 + 121 \\ 365 &:= 1^8 + 2^1 + 3^3 + 11^1 + 18^2 = 18 + 21 + 33 + 111 + 182 \\ 365 &:= 1^8 + 2^1 + 5^3 + 12^1 + 15^2 = 18 + 21 + 53 + 121 + 152 \\ 365 &:= 1^8 + 2^1 + 7^2 + 12^2 + 13^2 = 18 + 21 + 72 + 122 + 132 \\ 365 &:= 1^8 + 2^2 + 4^2 + 7^3 + 21^0 = 18 + 22 + 42 + 73 + 210 \\ 365 &:= 1^8 + 2^2 + 7^1 + 8^2 + 17^2 = 18 + 22 + 71 + 82 + 172 \\ 365 &:= 1^8 + 2^3 + 7^3 + 12^1 + 13^0 = 18 + 23 + 73 + 121 + 130 \\ 365 &:= 1^8 + 3^1 + 3^3 + 10^1 + 18^2 = 18 + 31 + 33 + 101 + 182 \\ 365 &:= 1^8 + 3^1 + 5^3 + 11^1 + 15^2 = 18 + 31 + 53 + 111 + 152 \\ 365 &:= 1^8 + 3^1 + 6^2 + 10^2 + 15^2 = 18 + 31 + 62 + 102 + 152 \\ 365 &:= 1^8 + 3^3 + 4^1 + 9^1 + 18^2 = 18 + 33 + 41 + 91 + 182 \\ 365 &:= 1^8 + 3^3 + 5^1 + 8^1 + 18^2 = 18 + 33 + 51 + 81 + 182 \\ 365 &:= 1^8 + 3^3 + 6^1 + 7^1 + 18^2 = 18 + 33 + 61 + 71 + 182 \\ 365 &:= 1^8 + 4^1 + 5^3 + 10^1 + 15^2 = 18 + 41 + 53 + 101 + 152 \\ 365 &:= 1^8 + 4^2 + 4^2 + 8^1 + 18^2 = 18 + 42 + 42 + 81 + 182 \\ 365 &:= 1^8 + 4^4 + 7^1 + 10^2 + 13^0 = 18 + 44 + 71 + 102 + 130 \\ 365 &:= 1^8 + 5^1 + 5^3 + 9^1 + 15^2 = 18 + 51 + 53 + 91 + 152 \\ 365 &:= 1^8 + 5^3 + 6^1 + 8^1 + 15^2 = 18 + 53 + 61 + 81 + 152 \\ 365 &:= 1^8 + 5^3 + 7^1 + 7^1 + 15^2 = 18 + 53 + 71 + 71 + 152 \\ 365 &:= 1^9 + 2^1 + 6^1 + 10^2 + 16^2 = 19 + 21 + 61 + 102 + 162 \\ 365 &:= 1^9 + 2^2 + 7^3 + 9^0 + 16^1 = 19 + 22 + 73 + 90 + 161 \\ 365 &:= 1^9 + 3^0 + 4^3 + 10^1 + 17^2 = 19 + 30 + 43 + 101 + 172 \\ 365 &:= 1^9 + 3^0 + 5^2 + 13^2 + 13^2 = 19 + 30 + 52 + 132 + 132 \\ 365 &:= 1^9 + 3^1 + 5^1 + 10^2 + 16^2 = 19 + 31 + 51 + 102 + 162 \\ 365 &:= 1^9 + 3^1 + 6^3 + 12^2 + 13^0 = 19 + 31 + 63 + 122 + 130 \\ 365 &:= 1^9 + 3^2 + 7^3 + 11^1 + 13^0 = 19 + 32 + 73 + 111 + 130 \\ 365 &:= 1^9 + 4^1 + 4^1 + 10^2 + 16^2 = 19 + 41 + 41 + 102 + 162 \\ 365 &:= 1^9 + 4^1 + 4^2 + 7^3 + 19^0 = 19 + 41 + 42 + 73 + 190 \\ 365 &:= 1^9 + 5^0 + 5^2 + 7^2 + 17^2 = 19 + 50 + 52 + 72 + 172 \\ 365 &:= 2^0 + 2^1 + 7^0 + 7^3 + 18^1 = 20 + 21 + 70 + 73 + 181 \\ 365 &:= 2^0 + 3^1 + 6^2 + 7^0 + 18^2 = 20 + 31 + 62 + 70 + 182 \\ 365 &:= 2^0 + 3^1 + 7^0 + 7^3 + 17^1 = 20 + 31 + 70 + 73 + 171 \\ 365 &:= 2^0 + 4^1 + 7^0 + 7^3 + 16^1 = 20 + 41 + 70 + 73 + 161 \\ 365 &:= 2^0 + 5^1 + 7^0 + 7^3 + 15^1 = 20 + 51 + 70 + 73 + 151 \\ 365 &:= 2^0 + 6^1 + 7^0 + 7^3 + 14^1 = 20 + 61 + 70 + 73 + 141 \end{aligned}$$

$365 := 2^0 + 7^0 + 7^1 + 7^3 + 13^1 = 20 + 70 + 71 + 73 + 131$	$365 := 2^5 + 3^5 + 4^3 + 7^1 + 19^1 = 25 + 35 + 43 + 71 + 191$
$365 := 2^0 + 7^0 + 7^3 + 10^1 + 10^1 = 20 + 70 + 73 + 101 + 101$	$365 := 2^5 + 3^5 + 4^3 + 8^1 + 18^1 = 25 + 35 + 43 + 81 + 181$
$365 := 2^0 + 7^0 + 7^3 + 8^1 + 12^1 = 20 + 70 + 73 + 81 + 121$	$365 := 2^5 + 3^5 + 4^3 + 9^1 + 17^1 = 25 + 35 + 43 + 91 + 171$
$365 := 2^0 + 7^0 + 7^3 + 9^1 + 11^1 = 20 + 70 + 73 + 91 + 111$	$365 := 2^5 + 3^5 + 6^2 + 6^2 + 18^1 = 25 + 35 + 62 + 62 + 181$
$365 := 2^1 + 2^5 + 3^5 + 4^3 + 24^1 = 21 + 25 + 35 + 43 + 241$	$365 := 2^5 + 4^3 + 5^3 + 5^3 + 19^1 = 25 + 43 + 53 + 53 + 191$
$365 := 2^1 + 2^8 + 3^4 + 5^2 + 23^0 = 21 + 28 + 34 + 52 + 230$	$365 := 2^6 + 2^6 + 5^0 + 11^1 + 15^2 = 26 + 26 + 50 + 111 + 152$
$365 := 2^1 + 3^0 + 6^0 + 7^3 + 18^1 = 21 + 30 + 60 + 73 + 181$	$365 := 2^7 + 3^3 + 10^1 + 10^2 + 10^2 = 27 + 33 + 101 + 102 + 102$
$365 := 2^1 + 4^0 + 5^0 + 7^3 + 18^1 = 21 + 40 + 50 + 73 + 181$	$365 := 2^7 + 4^2 + 4^3 + 12^2 + 13^1 = 27 + 42 + 43 + 122 + 131$
$365 := 2^2 + 2^2 + 2^8 + 9^2 + 20^1 = 22 + 22 + 28 + 92 + 201$	$365 := 2^7 + 4^2 + 5^3 + 9^2 + 15^1 = 27 + 42 + 53 + 92 + 151$
$365 := 2^2 + 2^8 + 3^4 + 5^0 + 23^1 = 22 + 28 + 34 + 50 + 231$	$365 := 2^7 + 4^3 + 9^2 + 9^2 + 11^1 = 27 + 43 + 92 + 92 + 111$
$365 := 2^3 + 2^5 + 3^5 + 9^2 + 19^0 = 23 + 25 + 35 + 92 + 190$	$365 := 2^7 + 5^3 + 7^2 + 7^2 + 14^1 = 27 + 53 + 72 + 72 + 141$
$365 := 2^3 + 2^5 + 4^4 + 7^2 + 20^1 = 23 + 25 + 44 + 72 + 201$	$365 := 2^8 + 3^2 + 3^4 + 9^0 + 18^1 = 28 + 32 + 34 + 90 + 181$
$365 := 2^3 + 2^6 + 4^4 + 6^2 + 21^0 = 23 + 26 + 44 + 62 + 210$	$365 := 2^8 + 3^3 + 4^3 + 9^0 + 17^1 = 28 + 33 + 43 + 90 + 171$
$365 := 2^3 + 2^7 + 7^2 + 11^1 + 13^2 = 23 + 27 + 72 + 111 + 132$	$365 := 2^8 + 3^4 + 4^2 + 11^1 + 15^0 = 28 + 34 + 42 + 111 + 150$
$365 := 2^3 + 2^8 + 6^2 + 8^2 + 17^0 = 23 + 28 + 62 + 82 + 170$	$365 := 3^0 + 3^1 + 6^0 + 6^2 + 18^2 = 30 + 31 + 60 + 62 + 182$
$365 := 2^3 + 3^2 + 3^4 + 3^5 + 24^1 = 23 + 32 + 34 + 35 + 241$	$365 := 3^0 + 3^1 + 6^0 + 7^3 + 17^1 = 30 + 31 + 60 + 73 + 171$
$365 := 2^3 + 3^3 + 3^5 + 4^3 + 23^1 = 23 + 33 + 35 + 43 + 231$	$365 := 3^0 + 4^1 + 6^0 + 7^3 + 16^1 = 30 + 41 + 60 + 73 + 161$
$365 := 2^4 + 2^6 + 8^1 + 9^2 + 14^2 = 24 + 26 + 81 + 92 + 142$	$365 := 3^0 + 5^1 + 6^0 + 7^3 + 15^1 = 30 + 51 + 60 + 73 + 151$
$365 := 2^4 + 2^7 + 4^1 + 6^3 + 21^0 = 24 + 27 + 41 + 63 + 210$	$365 := 3^0 + 6^0 + 6^1 + 7^3 + 14^1 = 30 + 60 + 61 + 73 + 141$
$365 := 2^4 + 2^8 + 9^2 + 11^0 + 11^1 = 24 + 28 + 92 + 110 + 111$	$365 := 3^0 + 6^0 + 7^1 + 7^3 + 13^1 = 30 + 60 + 71 + 73 + 131$
$365 := 2^5 + 2^5 + 6^2 + 9^1 + 16^2 = 25 + 25 + 62 + 91 + 162$	$365 := 3^0 + 6^0 + 7^3 + 10^1 + 10^1 = 30 + 60 + 73 + 101 + 101$
$365 := 2^5 + 2^7 + 8^1 + 9^0 + 14^2 = 25 + 27 + 81 + 90 + 142$	$365 := 3^0 + 6^0 + 7^3 + 8^1 + 12^1 = 30 + 60 + 73 + 81 + 121$
$365 := 2^5 + 3^1 + 3^5 + 4^3 + 23^1 = 25 + 31 + 35 + 43 + 231$	$365 := 3^0 + 6^0 + 7^3 + 9^1 + 11^1 = 30 + 60 + 73 + 91 + 111$
$365 := 2^5 + 3^4 + 3^5 + 8^1 + 19^0 = 25 + 34 + 35 + 81 + 190$	$365 := 3^1 + 4^0 + 5^0 + 6^2 + 18^2 = 31 + 40 + 50 + 62 + 182$
$365 := 2^5 + 3^4 + 4^2 + 6^3 + 20^1 = 25 + 34 + 42 + 63 + 201$	$365 := 3^1 + 4^0 + 5^0 + 7^3 + 17^1 = 31 + 40 + 50 + 73 + 171$
$365 := 2^5 + 3^5 + 4^1 + 4^3 + 22^1 = 25 + 35 + 41 + 43 + 221$	$365 := 4^0 + 4^1 + 5^0 + 7^3 + 16^1 = 40 + 41 + 50 + 73 + 161$
$365 := 2^5 + 3^5 + 4^3 + 10^1 + 16^1 = 25 + 35 + 43 + 101 + 161$	$365 := 4^0 + 5^0 + 5^1 + 7^3 + 15^1 = 40 + 50 + 51 + 73 + 151$
$365 := 2^5 + 3^5 + 4^3 + 11^1 + 15^1 = 25 + 35 + 43 + 111 + 151$	$365 := 4^0 + 5^0 + 6^1 + 7^3 + 14^1 = 40 + 50 + 61 + 73 + 141$
$365 := 2^5 + 3^5 + 4^3 + 12^1 + 14^1 = 25 + 35 + 43 + 121 + 141$	$365 := 4^0 + 5^0 + 7^1 + 7^3 + 13^1 = 40 + 50 + 71 + 73 + 131$
$365 := 2^5 + 3^5 + 4^3 + 13^1 + 13^1 = 25 + 35 + 43 + 131 + 131$	$365 := 4^0 + 5^0 + 7^3 + 10^1 + 10^1 = 40 + 50 + 73 + 101 + 101$
$365 := 2^5 + 3^5 + 4^3 + 5^1 + 21^1 = 25 + 35 + 43 + 51 + 211$	$365 := 4^0 + 5^0 + 7^3 + 8^1 + 12^1 = 40 + 50 + 73 + 81 + 121$
$365 := 2^5 + 3^5 + 4^3 + 5^2 + 21^0 = 25 + 35 + 43 + 52 + 210$	$365 := 4^0 + 5^0 + 7^3 + 9^1 + 11^1 = 40 + 50 + 73 + 91 + 111$
$365 := 2^5 + 3^5 + 4^3 + 6^1 + 20^1 = 25 + 35 + 43 + 61 + 201$	

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$366 := 3^3 + 15^1 + 18^2 = 33 + 151 + 182$	$366 := 1^0 + 3^3 + 14^1 + 18^2 = 10 + 33 + 141 + 182$
$366 := 5^3 + 15^2 + 16^1 = 53 + 152 + 161$	$366 := 1^0 + 5^3 + 15^1 + 15^2 = 10 + 53 + 151 + 152$

$$\begin{aligned}
 366 &:= 1^1 + 9^1 + 10^2 + 16^2 = 11 + 91 + 102 + 162 \\
 366 &:= 1^2 + 7^0 + 7^3 + 21^1 = 12 + 70 + 73 + 211 \\
 366 &:= 1^3 + 3^1 + 13^0 + 19^2 = 13 + 31 + 130 + 192 \\
 366 &:= 1^9 + 3^5 + 11^2 + 20^0 = 19 + 35 + 112 + 200 \\
 366 &:= 2^1 + 8^1 + 10^2 + 16^2 = 21 + 81 + 102 + 162 \\
 366 &:= 2^2 + 7^3 + 9^0 + 18^1 = 22 + 73 + 90 + 181 \\
 366 &:= 3^0 + 10^2 + 11^2 + 12^2 = 30 + 102 + 112 + 122 \\
 366 &:= 3^0 + 4^3 + 12^1 + 17^2 = 30 + 43 + 121 + 172 \\
 366 &:= 3^1 + 7^1 + 10^2 + 16^2 = 31 + 71 + 102 + 162 \\
 366 &:= 3^2 + 7^0 + 10^2 + 16^2 = 32 + 70 + 102 + 162 \\
 366 &:= 3^2 + 7^3 + 13^0 + 13^1 = 32 + 73 + 130 + 131 \\
 366 &:= 4^1 + 6^1 + 10^2 + 16^2 = 41 + 61 + 102 + 162 \\
 366 &:= 4^2 + 5^2 + 9^0 + 18^2 = 42 + 52 + 90 + 182 \\
 366 &:= 4^2 + 6^1 + 7^3 + 19^0 = 42 + 61 + 73 + 190 \\
 366 &:= 5^0 + 5^2 + 12^2 + 14^2 = 50 + 52 + 122 + 142 \\
 366 &:= 5^1 + 5^1 + 10^2 + 16^2 = 51 + 51 + 102 + 162 \\
 366 &:= 5^1 + 6^3 + 12^2 + 13^0 = 51 + 63 + 122 + 130 \\
 366 &:= 1^0 + 1^0 + 3^3 + 13^1 + 18^2 = 10 + 10 + 33 + 131 + 182 \\
 366 &:= 1^0 + 1^0 + 5^3 + 14^1 + 15^2 = 10 + 10 + 53 + 141 + 152 \\
 366 &:= 1^0 + 1^1 + 8^1 + 10^2 + 16^2 = 10 + 11 + 81 + 102 + 162 \\
 366 &:= 1^0 + 1^2 + 7^0 + 7^3 + 20^1 = 10 + 12 + 70 + 73 + 201 \\
 366 &:= 1^0 + 1^3 + 2^1 + 13^0 + 19^2 = 10 + 13 + 21 + 130 + 192 \\
 366 &:= 1^0 + 2^1 + 7^1 + 10^2 + 16^2 = 10 + 21 + 71 + 102 + 162 \\
 366 &:= 1^0 + 2^2 + 6^2 + 9^0 + 18^2 = 10 + 22 + 62 + 90 + 182 \\
 366 &:= 1^0 + 2^2 + 7^3 + 9^0 + 17^1 = 10 + 22 + 73 + 90 + 171 \\
 366 &:= 1^0 + 3^0 + 4^3 + 11^1 + 17^2 = 10 + 30 + 43 + 111 + 172 \\
 366 &:= 1^0 + 3^1 + 6^1 + 10^2 + 16^2 = 10 + 31 + 61 + 102 + 162 \\
 366 &:= 1^0 + 3^2 + 7^3 + 12^1 + 13^0 = 10 + 32 + 73 + 121 + 130 \\
 366 &:= 1^0 + 4^1 + 5^1 + 10^2 + 16^2 = 10 + 41 + 51 + 102 + 162 \\
 366 &:= 1^0 + 4^1 + 6^3 + 12^2 + 13^0 = 10 + 41 + 63 + 122 + 130 \\
 366 &:= 1^0 + 4^2 + 5^1 + 7^3 + 19^0 = 10 + 42 + 51 + 73 + 190 \\
 366 &:= 1^1 + 1^1 + 7^0 + 7^3 + 20^1 = 11 + 11 + 70 + 73 + 201 \\
 366 &:= 1^1 + 1^2 + 2^1 + 13^0 + 19^2 = 11 + 12 + 21 + 130 + 192 \\
 366 &:= 1^1 + 2^1 + 7^0 + 7^3 + 19^1 = 11 + 21 + 70 + 73 + 191 \\
 366 &:= 1^1 + 2^8 + 3^3 + 3^4 + 26^0 = 11 + 28 + 33 + 34 + 260 \\
 366 &:= 1^1 + 3^1 + 7^0 + 7^3 + 18^1 = 11 + 31 + 70 + 73 + 181 \\
 366 &:= 1^1 + 4^1 + 6^2 + 7^0 + 18^2 = 11 + 41 + 62 + 70 + 182 \\
 366 &:= 1^1 + 4^1 + 7^0 + 7^3 + 17^1 = 11 + 41 + 70 + 73 + 171
 \end{aligned}$$

$$\begin{aligned}
 366 &:= 1^1 + 5^1 + 7^0 + 7^3 + 16^1 = 11 + 51 + 70 + 73 + 161 \\
 366 &:= 1^1 + 6^1 + 7^0 + 7^3 + 15^1 = 11 + 61 + 70 + 73 + 151 \\
 366 &:= 1^1 + 7^0 + 7^1 + 7^3 + 14^1 = 11 + 70 + 71 + 73 + 141 \\
 366 &:= 1^1 + 7^0 + 7^3 + 10^1 + 11^1 = 11 + 70 + 73 + 101 + 111 \\
 366 &:= 1^1 + 7^0 + 7^3 + 8^1 + 13^1 = 11 + 70 + 73 + 81 + 131 \\
 366 &:= 1^1 + 7^0 + 7^3 + 9^1 + 12^1 = 11 + 70 + 73 + 91 + 121 \\
 366 &:= 1^2 + 2^0 + 6^0 + 7^3 + 20^1 = 12 + 20 + 60 + 73 + 201 \\
 366 &:= 1^2 + 3^0 + 5^0 + 7^3 + 20^1 = 12 + 30 + 50 + 73 + 201 \\
 366 &:= 1^2 + 4^0 + 4^0 + 7^3 + 20^1 = 12 + 40 + 40 + 73 + 201 \\
 366 &:= 1^3 + 1^9 + 6^0 + 7^3 + 20^1 = 13 + 19 + 60 + 73 + 201 \\
 366 &:= 1^3 + 2^0 + 2^1 + 12^0 + 19^2 = 13 + 20 + 21 + 120 + 192 \\
 366 &:= 1^3 + 2^0 + 2^8 + 3^4 + 27^1 = 13 + 20 + 28 + 34 + 271 \\
 366 &:= 1^3 + 2^1 + 3^0 + 11^0 + 19^2 = 13 + 21 + 30 + 110 + 192 \\
 366 &:= 1^3 + 2^1 + 4^0 + 10^0 + 19^2 = 13 + 21 + 40 + 100 + 192 \\
 366 &:= 1^3 + 2^1 + 5^0 + 9^0 + 19^2 = 13 + 21 + 50 + 90 + 192 \\
 366 &:= 1^3 + 2^1 + 6^0 + 8^0 + 19^2 = 13 + 21 + 60 + 80 + 192 \\
 366 &:= 1^3 + 2^1 + 7^0 + 7^0 + 19^2 = 13 + 21 + 70 + 70 + 192 \\
 366 &:= 1^3 + 2^3 + 2^8 + 10^2 + 20^0 = 13 + 23 + 28 + 102 + 200 \\
 366 &:= 1^3 + 2^8 + 3^3 + 9^2 + 20^0 = 13 + 28 + 33 + 92 + 200 \\
 366 &:= 1^4 + 1^8 + 6^0 + 7^3 + 20^1 = 14 + 18 + 60 + 73 + 201 \\
 366 &:= 1^4 + 1^9 + 2^1 + 12^0 + 19^2 = 14 + 19 + 21 + 120 + 192 \\
 366 &:= 1^4 + 1^9 + 2^8 + 3^4 + 27^1 = 14 + 19 + 28 + 34 + 271 \\
 366 &:= 1^5 + 1^7 + 6^0 + 7^3 + 20^1 = 15 + 17 + 60 + 73 + 201 \\
 366 &:= 1^5 + 1^8 + 2^1 + 12^0 + 19^2 = 15 + 18 + 21 + 120 + 192 \\
 366 &:= 1^5 + 1^8 + 2^8 + 3^4 + 27^1 = 15 + 18 + 28 + 34 + 271 \\
 366 &:= 1^5 + 2^7 + 6^0 + 6^3 + 20^1 = 15 + 27 + 60 + 63 + 201 \\
 366 &:= 1^5 + 2^8 + 8^1 + 10^2 + 14^0 = 15 + 28 + 81 + 102 + 140 \\
 366 &:= 1^5 + 3^3 + 3^4 + 4^4 + 24^0 = 15 + 33 + 34 + 44 + 240 \\
 366 &:= 1^6 + 1^6 + 6^0 + 7^3 + 20^1 = 16 + 16 + 60 + 73 + 201 \\
 366 &:= 1^6 + 1^7 + 2^1 + 12^0 + 19^2 = 16 + 17 + 21 + 120 + 192 \\
 366 &:= 1^6 + 1^7 + 2^8 + 3^4 + 27^1 = 16 + 17 + 28 + 34 + 271 \\
 366 &:= 1^6 + 2^3 + 2^5 + 12^0 + 18^2 = 16 + 23 + 25 + 120 + 182 \\
 366 &:= 1^6 + 2^7 + 6^0 + 11^1 + 15^2 = 16 + 27 + 60 + 111 + 152 \\
 366 &:= 1^7 + 2^3 + 4^4 + 10^2 + 18^0 = 17 + 23 + 44 + 102 + 180 \\
 366 &:= 1^7 + 2^6 + 4^0 + 11^1 + 17^2 = 17 + 26 + 40 + 111 + 172 \\
 366 &:= 1^7 + 3^3 + 3^4 + 12^0 + 16^2 = 17 + 33 + 34 + 120 + 162 \\
 366 &:= 1^7 + 3^3 + 4^4 + 9^2 + 18^0 = 17 + 33 + 44 + 92 + 180 \\
 366 &:= 1^8 + 2^4 + 5^1 + 7^3 + 20^0 = 18 + 24 + 51 + 73 + 200
 \end{aligned}$$

$$\begin{aligned} 366 &:= 1^8 + 2^5 + 6^0 + 8^1 + 18^2 = 18 + 25 + 60 + 81 + 182 \\ 366 &:= 1^8 + 3^3 + 6^3 + 11^2 + 14^0 = 18 + 33 + 63 + 112 + 140 \\ 366 &:= 1^9 + 2^2 + 6^3 + 12^2 + 14^0 = 19 + 22 + 63 + 122 + 140 \\ 366 &:= 1^9 + 2^3 + 6^0 + 10^2 + 16^2 = 19 + 23 + 60 + 102 + 162 \\ 366 &:= 1^9 + 2^3 + 7^3 + 12^0 + 13^1 = 19 + 23 + 73 + 120 + 131 \\ 366 &:= 1^9 + 2^5 + 2^6 + 3^5 + 26^1 = 19 + 25 + 26 + 35 + 261 \\ 366 &:= 1^9 + 3^3 + 6^0 + 9^2 + 16^2 = 19 + 33 + 60 + 92 + 162 \\ 366 &:= 1^9 + 4^4 + 8^1 + 10^2 + 12^0 = 19 + 44 + 81 + 102 + 120 \\ 366 &:= 2^0 + 2^0 + 4^3 + 11^1 + 17^2 = 20 + 20 + 43 + 111 + 172 \\ 366 &:= 2^0 + 2^2 + 6^2 + 8^0 + 18^2 = 20 + 22 + 62 + 80 + 182 \\ 366 &:= 2^0 + 2^2 + 7^3 + 8^0 + 17^1 = 20 + 22 + 73 + 80 + 171 \\ 366 &:= 2^0 + 3^2 + 7^3 + 12^0 + 12^1 = 20 + 32 + 73 + 120 + 121 \\ 366 &:= 2^0 + 4^1 + 6^3 + 12^0 + 12^2 = 20 + 41 + 63 + 120 + 122 \\ 366 &:= 2^0 + 4^2 + 5^1 + 7^3 + 18^0 = 20 + 42 + 51 + 73 + 180 \\ 366 &:= 2^1 + 2^1 + 7^0 + 7^3 + 18^1 = 21 + 21 + 70 + 73 + 181 \\ 366 &:= 2^1 + 3^1 + 6^2 + 7^0 + 18^2 = 21 + 31 + 62 + 70 + 182 \\ 366 &:= 2^1 + 3^1 + 7^0 + 7^3 + 17^1 = 21 + 31 + 70 + 73 + 171 \\ 366 &:= 2^1 + 4^1 + 7^0 + 7^3 + 16^1 = 21 + 41 + 70 + 73 + 161 \\ 366 &:= 2^1 + 5^1 + 7^0 + 7^3 + 15^1 = 21 + 51 + 70 + 73 + 151 \\ 366 &:= 2^1 + 6^1 + 7^0 + 7^3 + 14^1 = 21 + 61 + 70 + 73 + 141 \\ 366 &:= 2^1 + 7^0 + 7^1 + 7^3 + 13^1 = 21 + 70 + 71 + 73 + 131 \\ 366 &:= 2^1 + 7^0 + 7^3 + 10^1 + 10^1 = 21 + 70 + 73 + 101 + 101 \\ 366 &:= 2^1 + 7^0 + 7^3 + 8^1 + 12^1 = 21 + 70 + 73 + 81 + 121 \\ 366 &:= 2^1 + 7^0 + 7^3 + 9^1 + 11^1 = 21 + 70 + 73 + 91 + 111 \\ 366 &:= 2^2 + 3^0 + 6^2 + 7^0 + 18^2 = 22 + 30 + 62 + 70 + 182 \\ 366 &:= 2^2 + 3^0 + 7^0 + 7^3 + 17^1 = 22 + 30 + 70 + 73 + 171 \\ 366 &:= 2^2 + 4^0 + 6^0 + 6^2 + 18^2 = 22 + 40 + 60 + 62 + 182 \\ 366 &:= 2^2 + 4^0 + 6^0 + 7^3 + 17^1 = 22 + 40 + 60 + 73 + 171 \\ 366 &:= 2^2 + 5^0 + 5^0 + 6^2 + 18^2 = 22 + 50 + 50 + 62 + 182 \\ 366 &:= 2^2 + 5^0 + 5^0 + 7^3 + 17^1 = 22 + 50 + 50 + 73 + 171 \\ 366 &:= 2^3 + 2^8 + 3^4 + 8^0 + 20^1 = 23 + 28 + 34 + 80 + 201 \\ 366 &:= 2^5 + 2^6 + 4^4 + 13^1 + 14^0 = 25 + 26 + 44 + 131 + 140 \\ 366 &:= 2^5 + 2^6 + 5^3 + 12^2 + 14^0 = 25 + 26 + 53 + 122 + 140 \\ 366 &:= 2^5 + 2^7 + 3^2 + 14^0 + 14^2 = 25 + 27 + 32 + 140 + 142 \\ 366 &:= 2^5 + 2^7 + 6^2 + 12^0 + 13^2 = 25 + 27 + 62 + 120 + 132 \\ 366 &:= 2^5 + 2^8 + 8^2 + 10^0 + 13^1 = 25 + 28 + 82 + 100 + 131 \\ 366 &:= 2^5 + 3^2 + 3^4 + 3^5 + 24^0 = 25 + 32 + 34 + 35 + 240 \\ 366 &:= 2^6 + 2^6 + 4^0 + 6^3 + 21^1 = 26 + 26 + 40 + 63 + 211 \end{aligned}$$

$$\begin{aligned} 366 &:= 2^6 + 2^7 + 4^1 + 13^2 + 14^0 = 26 + 27 + 41 + 132 + 140 \\ 366 &:= 3^0 + 3^2 + 7^3 + 11^0 + 12^1 = 30 + 32 + 73 + 110 + 121 \\ 366 &:= 3^0 + 4^1 + 6^3 + 11^0 + 12^2 = 30 + 41 + 63 + 110 + 122 \\ 366 &:= 3^0 + 4^2 + 5^1 + 7^3 + 17^0 = 30 + 42 + 51 + 73 + 170 \\ 366 &:= 3^1 + 3^1 + 7^0 + 7^3 + 16^1 = 31 + 31 + 70 + 73 + 161 \\ 366 &:= 3^1 + 4^1 + 7^0 + 7^3 + 15^1 = 31 + 41 + 70 + 73 + 151 \\ 366 &:= 3^1 + 5^1 + 7^0 + 7^3 + 14^1 = 31 + 51 + 70 + 73 + 141 \\ 366 &:= 3^1 + 6^1 + 7^0 + 7^3 + 13^1 = 31 + 61 + 70 + 73 + 131 \\ 366 &:= 3^1 + 7^0 + 7^1 + 7^3 + 12^1 = 31 + 70 + 71 + 73 + 121 \\ 366 &:= 3^1 + 7^0 + 7^3 + 8^1 + 11^1 = 31 + 70 + 73 + 81 + 111 \\ 366 &:= 3^1 + 7^0 + 7^3 + 9^1 + 10^1 = 31 + 70 + 73 + 91 + 101 \\ 366 &:= 3^2 + 4^0 + 7^3 + 10^0 + 12^1 = 32 + 40 + 73 + 100 + 121 \\ 366 &:= 3^2 + 5^0 + 7^3 + 9^0 + 12^1 = 32 + 50 + 73 + 90 + 121 \\ 366 &:= 3^2 + 6^0 + 7^3 + 8^0 + 12^1 = 32 + 60 + 73 + 80 + 121 \\ 366 &:= 3^2 + 7^0 + 7^0 + 7^3 + 12^1 = 32 + 70 + 70 + 73 + 121 \\ 366 &:= 4^0 + 4^1 + 6^3 + 10^0 + 12^2 = 40 + 41 + 63 + 100 + 122 \\ 366 &:= 4^0 + 4^2 + 5^1 + 7^3 + 16^0 = 40 + 42 + 51 + 73 + 160 \\ 366 &:= 4^1 + 4^1 + 7^0 + 7^3 + 14^1 = 41 + 41 + 70 + 73 + 141 \\ 366 &:= 4^1 + 5^0 + 6^3 + 9^0 + 12^2 = 41 + 50 + 63 + 90 + 122 \\ 366 &:= 4^1 + 5^1 + 7^0 + 7^3 + 13^1 = 41 + 51 + 70 + 73 + 131 \\ 366 &:= 4^1 + 6^0 + 6^3 + 8^0 + 12^2 = 41 + 60 + 63 + 80 + 122 \\ 366 &:= 4^1 + 6^1 + 7^0 + 7^3 + 12^1 = 41 + 61 + 70 + 73 + 121 \\ 366 &:= 4^1 + 6^3 + 7^0 + 7^0 + 12^2 = 41 + 63 + 70 + 70 + 122 \\ 366 &:= 4^1 + 7^0 + 7^1 + 7^3 + 11^1 = 41 + 70 + 71 + 73 + 111 \\ 366 &:= 4^1 + 7^0 + 7^3 + 8^1 + 10^1 = 41 + 70 + 73 + 81 + 101 \\ 366 &:= 4^1 + 7^0 + 7^3 + 9^1 + 9^1 = 41 + 70 + 73 + 91 + 91 \\ 366 &:= 4^2 + 5^0 + 5^1 + 7^3 + 15^0 = 42 + 50 + 51 + 73 + 150 \\ 366 &:= 4^2 + 5^1 + 6^0 + 7^3 + 14^0 = 42 + 51 + 60 + 73 + 140 \\ 366 &:= 4^2 + 5^1 + 7^0 + 7^3 + 13^0 = 42 + 51 + 70 + 73 + 130 \\ 366 &:= 4^2 + 5^1 + 7^3 + 10^0 + 10^0 = 42 + 51 + 73 + 100 + 100 \\ 366 &:= 4^2 + 5^1 + 7^3 + 8^0 + 12^0 = 42 + 51 + 73 + 80 + 120 \\ 366 &:= 4^2 + 5^1 + 7^3 + 9^0 + 11^0 = 42 + 51 + 73 + 90 + 110 \\ 366 &:= 5^1 + 5^1 + 7^0 + 7^3 + 12^1 = 51 + 51 + 70 + 73 + 121 \\ 366 &:= 5^1 + 6^1 + 7^0 + 7^3 + 11^1 = 51 + 61 + 70 + 73 + 111 \\ 366 &:= 5^1 + 7^0 + 7^1 + 7^3 + 10^1 = 51 + 70 + 71 + 73 + 101 \\ 366 &:= 5^1 + 7^0 + 7^3 + 8^1 + 9^1 = 51 + 70 + 73 + 81 + 91 \\ 366 &:= 6^1 + 6^1 + 7^0 + 7^3 + 10^1 = 61 + 61 + 70 + 73 + 101 \\ 366 &:= 6^1 + 7^0 + 7^1 + 7^3 + 9^1 = 61 + 70 + 71 + 73 + 91 \end{aligned}$$

$$366 := 6^1 + 7^0 + 7^3 + 8^1 + 8^1 = 61 + 70 + 73 + 81 + 81$$

$$366 := 7^0 + 7^1 + 7^1 + 7^3 + 8^1 = 70 + 71 + 71 + 73 + 81$$

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$$367 := 1^3 + 2^2 + 14^0 + 19^2 = 13 + 22 + 140 + 192$$

$$367 := 1^3 + 6^0 + 7^3 + 22^1 = 13 + 60 + 73 + 221$$

$$367 := 1^3 + 8^0 + 13^2 + 14^2 = 13 + 80 + 132 + 142$$

$$367 := 1^4 + 2^8 + 3^4 + 29^1 = 14 + 28 + 34 + 291$$

$$367 := 1^4 + 4^1 + 12^0 + 19^2 = 14 + 41 + 120 + 192$$

$$367 := 2^3 + 7^3 + 12^0 + 15^1 = 23 + 73 + 120 + 151$$

$$367 := 2^5 + 2^6 + 3^5 + 28^1 = 25 + 26 + 35 + 281$$

$$367 := 4^2 + 5^3 + 12^0 + 15^2 = 42 + 53 + 120 + 152$$

$$367 := 4^4 + 10^1 + 10^2 + 12^0 = 44 + 101 + 102 + 120$$

$$367 := 1^0 + 1^0 + 3^5 + 11^2 + 20^0 = 10 + 10 + 35 + 112 + 200$$

$$367 := 1^0 + 1^3 + 6^0 + 7^3 + 21^1 = 10 + 13 + 60 + 73 + 211$$

$$367 := 1^0 + 1^4 + 3^1 + 12^0 + 19^2 = 10 + 14 + 31 + 120 + 192$$

$$367 := 1^0 + 2^0 + 3^5 + 11^2 + 19^0 = 10 + 20 + 35 + 112 + 190$$

$$367 := 1^0 + 2^3 + 7^3 + 12^0 + 14^1 = 10 + 23 + 73 + 120 + 141$$

$$367 := 1^0 + 2^5 + 2^6 + 3^5 + 27^1 = 10 + 25 + 26 + 35 + 271$$

$$367 := 1^0 + 3^0 + 3^5 + 11^2 + 18^0 = 10 + 30 + 35 + 112 + 180$$

$$367 := 1^0 + 3^3 + 6^0 + 13^2 + 13^2 = 10 + 33 + 60 + 132 + 132$$

$$367 := 1^0 + 3^3 + 7^2 + 8^0 + 17^2 = 10 + 33 + 72 + 80 + 172$$

$$367 := 1^0 + 3^5 + 10^0 + 11^0 + 11^2 = 10 + 35 + 100 + 110 + 112$$

$$367 := 1^0 + 3^5 + 4^0 + 11^2 + 17^0 = 10 + 35 + 40 + 112 + 170$$

$$367 := 1^0 + 3^5 + 5^0 + 11^2 + 16^0 = 10 + 35 + 50 + 112 + 160$$

$$367 := 1^0 + 3^5 + 6^0 + 11^2 + 15^0 = 10 + 35 + 60 + 112 + 150$$

$$367 := 1^0 + 3^5 + 7^0 + 11^2 + 14^0 = 10 + 35 + 70 + 112 + 140$$

$$367 := 1^0 + 3^5 + 8^0 + 11^2 + 13^0 = 10 + 35 + 80 + 112 + 130$$

$$367 := 1^0 + 3^5 + 9^0 + 11^2 + 12^0 = 10 + 35 + 90 + 112 + 120$$

$$367 := 1^0 + 4^4 + 9^1 + 10^2 + 12^0 = 10 + 44 + 91 + 102 + 120$$

$$367 := 1^0 + 6^3 + 7^2 + 10^2 + 12^0 = 10 + 63 + 72 + 102 + 120$$

$$367 := 1^1 + 1^2 + 6^0 + 7^3 + 21^1 = 11 + 12 + 60 + 73 + 211$$

$$367 := 1^1 + 1^3 + 3^1 + 12^0 + 19^2 = 11 + 13 + 31 + 120 + 192$$

$$367 := 1^1 + 1^9 + 3^5 + 11^2 + 19^0 = 11 + 19 + 35 + 112 + 190$$

$$367 := 1^1 + 2^0 + 10^2 + 11^2 + 12^2 = 11 + 20 + 102 + 112 + 122$$

$$367 := 1^1 + 2^0 + 4^3 + 12^1 + 17^2 = 11 + 20 + 43 + 121 + 172$$

$$367 := 1^1 + 2^2 + 7^3 + 8^0 + 18^1 = 11 + 22 + 73 + 80 + 181$$

$$367 := 1^1 + 3^2 + 6^0 + 10^2 + 16^2 = 11 + 32 + 60 + 102 + 162$$

$$367 := 1^1 + 3^2 + 7^3 + 12^0 + 13^1 = 11 + 32 + 73 + 120 + 131$$

$$367 := 1^1 + 4^0 + 5^2 + 12^2 + 14^2 = 11 + 40 + 52 + 122 + 142$$

$$367 := 1^1 + 4^2 + 5^2 + 8^0 + 18^2 = 11 + 42 + 52 + 80 + 182$$

$$367 := 1^1 + 4^2 + 6^1 + 7^3 + 18^0 = 11 + 42 + 61 + 73 + 180$$

$$367 := 1^1 + 5^1 + 6^3 + 12^0 + 12^2 = 11 + 51 + 63 + 120 + 122$$

$$367 := 1^2 + 1^2 + 3^1 + 12^0 + 19^2 = 12 + 12 + 31 + 120 + 192$$

$$367 := 1^2 + 1^8 + 3^5 + 11^2 + 19^0 = 12 + 18 + 35 + 112 + 190$$

$$367 := 1^2 + 1^9 + 10^2 + 11^2 + 12^2 = 12 + 19 + 102 + 112 + 122$$

$$367 := 1^2 + 1^9 + 4^3 + 12^1 + 17^2 = 12 + 19 + 43 + 121 + 172$$

$$367 := 1^2 + 2^1 + 6^0 + 7^3 + 20^1 = 12 + 21 + 60 + 73 + 201$$

$$367 := 1^2 + 3^1 + 6^0 + 7^3 + 19^1 = 12 + 31 + 60 + 73 + 191$$

$$367 := 1^2 + 4^1 + 6^0 + 7^3 + 18^1 = 12 + 41 + 60 + 73 + 181$$

$$367 := 1^2 + 5^1 + 6^0 + 6^2 + 18^2 = 12 + 51 + 60 + 62 + 182$$

$$367 := 1^2 + 5^1 + 6^0 + 7^3 + 17^1 = 12 + 51 + 60 + 73 + 171$$

$$367 := 1^2 + 6^0 + 6^1 + 7^3 + 16^1 = 12 + 60 + 61 + 73 + 161$$

$$367 := 1^2 + 6^0 + 7^1 + 7^3 + 15^1 = 12 + 60 + 71 + 73 + 151$$

$$367 := 1^2 + 6^0 + 7^3 + 10^1 + 12^1 = 12 + 60 + 73 + 101 + 121$$

$$367 := 1^2 + 6^0 + 7^3 + 11^1 + 11^1 = 12 + 60 + 73 + 111 + 111$$

$$367 := 1^2 + 6^0 + 7^3 + 8^1 + 14^1 = 12 + 60 + 73 + 81 + 141$$

$$367 := 1^2 + 6^0 + 7^3 + 9^1 + 13^1 = 12 + 60 + 73 + 91 + 131$$

$$367 := 1^3 + 1^7 + 3^5 + 11^2 + 19^0 = 13 + 17 + 35 + 112 + 190$$

$$367 := 1^3 + 1^8 + 10^2 + 11^2 + 12^2 = 13 + 18 + 102 + 112 + 122$$

$$367 := 1^3 + 1^8 + 4^3 + 12^1 + 17^2 = 13 + 18 + 43 + 121 + 172$$

$$367 := 1^3 + 2^0 + 5^0 + 7^3 + 21^1 = 13 + 20 + 50 + 73 + 211$$

$$367 := 1^3 + 2^1 + 2^1 + 12^0 + 19^2 = 13 + 21 + 21 + 120 + 192$$

$$367 := 1^3 + 2^1 + 2^8 + 3^4 + 27^1 = 13 + 21 + 28 + 34 + 271$$

$$367 := 1^3 + 2^3 + 2^8 + 9^2 + 21^1 = 13 + 23 + 28 + 92 + 211$$

$$367 := 1^3 + 2^4 + 3^4 + 3^5 + 26^1 = 13 + 24 + 34 + 35 + 261$$

$$367 := 1^3 + 2^5 + 2^6 + 14^1 + 16^2 = 13 + 25 + 26 + 141 + 162$$

$$367 := 1^3 + 2^6 + 3^5 + 6^2 + 23^1 = 13 + 26 + 35 + 62 + 231$$

$$367 := 1^3 + 2^8 + 3^1 + 3^4 + 26^1 = 13 + 28 + 31 + 34 + 261$$

$$367 := 1^3 + 2^8 + 3^4 + 10^1 + 19^1 = 13 + 28 + 34 + 101 + 191$$

$$367 := 1^3 + 2^8 + 3^4 + 11^1 + 18^1 = 13 + 28 + 34 + 111 + 181$$

$$367 := 1^3 + 2^8 + 3^4 + 12^1 + 17^1 = 13 + 28 + 34 + 121 + 171$$

$$\begin{aligned} 367 &:= 1^3 + 2^8 + 3^4 + 13^1 + 16^1 = 13 + 28 + 34 + 131 + 161 \\ 367 &:= 1^3 + 2^8 + 3^4 + 14^1 + 15^1 = 13 + 28 + 34 + 141 + 151 \\ 367 &:= 1^3 + 2^8 + 3^4 + 4^1 + 25^1 = 13 + 28 + 34 + 41 + 251 \\ 367 &:= 1^3 + 2^8 + 3^4 + 5^1 + 24^1 = 13 + 28 + 34 + 51 + 241 \\ 367 &:= 1^3 + 2^8 + 3^4 + 6^1 + 23^1 = 13 + 28 + 34 + 61 + 231 \\ 367 &:= 1^3 + 2^8 + 3^4 + 7^1 + 22^1 = 13 + 28 + 34 + 71 + 221 \\ 367 &:= 1^3 + 2^8 + 3^4 + 8^1 + 21^1 = 13 + 28 + 34 + 81 + 211 \\ 367 &:= 1^3 + 2^8 + 3^4 + 9^1 + 20^1 = 13 + 28 + 34 + 91 + 201 \\ 367 &:= 1^3 + 3^0 + 4^0 + 7^3 + 21^1 = 13 + 30 + 40 + 73 + 211 \\ 367 &:= 1^4 + 1^6 + 3^5 + 11^2 + 19^0 = 14 + 16 + 35 + 112 + 190 \\ 367 &:= 1^4 + 1^7 + 10^2 + 11^2 + 12^2 = 14 + 17 + 102 + 112 + 122 \\ 367 &:= 1^4 + 1^7 + 4^3 + 12^1 + 17^2 = 14 + 17 + 43 + 121 + 172 \\ 367 &:= 1^4 + 1^9 + 5^0 + 7^3 + 21^1 = 14 + 19 + 50 + 73 + 211 \\ 367 &:= 1^4 + 2^0 + 3^1 + 11^0 + 19^2 = 14 + 20 + 31 + 110 + 192 \\ 367 &:= 1^4 + 2^5 + 2^5 + 13^1 + 17^2 = 14 + 25 + 25 + 131 + 172 \\ 367 &:= 1^4 + 2^6 + 4^3 + 6^3 + 22^1 = 14 + 26 + 43 + 63 + 221 \\ 367 &:= 1^4 + 2^7 + 3^3 + 14^2 + 15^1 = 14 + 27 + 33 + 142 + 151 \\ 367 &:= 1^4 + 2^8 + 3^2 + 9^2 + 20^1 = 14 + 28 + 32 + 92 + 201 \\ 367 &:= 1^4 + 3^0 + 3^1 + 10^0 + 19^2 = 14 + 30 + 31 + 100 + 192 \\ 367 &:= 1^4 + 3^1 + 4^0 + 9^0 + 19^2 = 14 + 31 + 40 + 90 + 192 \\ 367 &:= 1^4 + 3^1 + 5^0 + 8^0 + 19^2 = 14 + 31 + 50 + 80 + 192 \\ 367 &:= 1^4 + 3^1 + 6^0 + 7^0 + 19^2 = 14 + 31 + 60 + 70 + 192 \\ 367 &:= 1^5 + 1^5 + 3^5 + 11^2 + 19^0 = 15 + 15 + 35 + 112 + 190 \\ 367 &:= 1^5 + 1^6 + 10^2 + 11^2 + 12^2 = 15 + 16 + 102 + 112 + 122 \\ 367 &:= 1^5 + 1^6 + 4^3 + 12^1 + 17^2 = 15 + 16 + 43 + 121 + 172 \\ 367 &:= 1^5 + 1^8 + 5^0 + 7^3 + 21^1 = 15 + 18 + 50 + 73 + 211 \\ 367 &:= 1^5 + 1^9 + 3^1 + 11^0 + 19^2 = 15 + 19 + 31 + 110 + 192 \\ 367 &:= 1^5 + 2^6 + 4^3 + 13^1 + 15^2 = 15 + 26 + 43 + 131 + 152 \\ 367 &:= 1^5 + 2^8 + 3^2 + 10^2 + 19^0 = 15 + 28 + 32 + 102 + 190 \\ 367 &:= 1^6 + 1^7 + 5^0 + 7^3 + 21^1 = 16 + 17 + 50 + 73 + 211 \\ 367 &:= 1^6 + 1^8 + 3^1 + 11^0 + 19^2 = 16 + 18 + 31 + 110 + 192 \\ 367 &:= 1^6 + 2^2 + 3^4 + 4^4 + 25^1 = 16 + 22 + 34 + 44 + 251 \\ 367 &:= 1^6 + 2^4 + 3^4 + 13^1 + 16^2 = 16 + 24 + 34 + 131 + 162 \\ 367 &:= 1^6 + 2^5 + 5^3 + 13^1 + 14^2 = 16 + 25 + 53 + 131 + 142 \\ 367 &:= 1^6 + 2^6 + 6^2 + 10^1 + 16^2 = 16 + 26 + 62 + 101 + 162 \\ 367 &:= 1^6 + 2^7 + 5^0 + 6^3 + 21^1 = 16 + 27 + 50 + 63 + 211 \\ 367 &:= 1^6 + 2^8 + 9^1 + 10^2 + 13^0 = 16 + 28 + 91 + 102 + 130 \\ 367 &:= 1^7 + 1^7 + 3^1 + 11^0 + 19^2 = 17 + 17 + 31 + 110 + 192 \end{aligned}$$

$$\begin{aligned} 367 &:= 1^7 + 2^2 + 3^5 + 10^2 + 19^1 = 17 + 22 + 35 + 102 + 191 \\ 367 &:= 1^7 + 2^4 + 9^2 + 10^2 + 13^2 = 17 + 24 + 92 + 102 + 132 \\ 367 &:= 1^7 + 2^5 + 6^2 + 9^1 + 17^2 = 17 + 25 + 62 + 91 + 172 \\ 367 &:= 1^7 + 2^7 + 5^0 + 12^1 + 15^2 = 17 + 27 + 50 + 121 + 152 \\ 367 &:= 1^7 + 3^3 + 4^4 + 8^2 + 19^1 = 17 + 33 + 44 + 82 + 191 \\ 367 &:= 1^7 + 3^5 + 5^2 + 9^2 + 17^1 = 17 + 35 + 52 + 92 + 171 \\ 367 &:= 1^7 + 4^3 + 4^4 + 5^2 + 21^1 = 17 + 43 + 44 + 52 + 211 \\ 367 &:= 1^8 + 2^2 + 5^3 + 6^3 + 21^1 = 18 + 22 + 53 + 63 + 211 \\ 367 &:= 1^8 + 2^3 + 9^2 + 9^2 + 14^2 = 18 + 23 + 92 + 92 + 142 \\ 367 &:= 1^8 + 2^4 + 4^2 + 10^1 + 18^2 = 18 + 24 + 42 + 101 + 182 \\ 367 &:= 1^8 + 2^5 + 3^2 + 11^0 + 18^2 = 18 + 25 + 32 + 110 + 182 \\ 367 &:= 1^8 + 2^6 + 3^0 + 12^1 + 17^2 = 18 + 26 + 30 + 121 + 172 \\ 367 &:= 1^8 + 3^3 + 7^2 + 11^2 + 13^2 = 18 + 33 + 72 + 112 + 132 \\ 367 &:= 1^8 + 3^4 + 8^1 + 9^2 + 14^2 = 18 + 34 + 81 + 92 + 142 \\ 367 &:= 1^8 + 4^3 + 9^2 + 10^2 + 11^2 = 18 + 43 + 92 + 102 + 112 \\ 367 &:= 1^9 + 2^2 + 3^3 + 11^1 + 18^2 = 19 + 22 + 33 + 111 + 182 \\ 367 &:= 1^9 + 2^2 + 5^3 + 12^1 + 15^2 = 19 + 22 + 53 + 121 + 152 \\ 367 &:= 1^9 + 2^2 + 7^2 + 12^2 + 13^2 = 19 + 22 + 72 + 122 + 132 \\ 367 &:= 1^9 + 2^3 + 5^2 + 9^1 + 18^2 = 19 + 23 + 52 + 91 + 182 \\ 367 &:= 1^9 + 2^4 + 5^2 + 9^0 + 18^2 = 19 + 24 + 52 + 90 + 182 \\ 367 &:= 1^9 + 2^4 + 6^1 + 7^3 + 19^0 = 19 + 24 + 61 + 73 + 190 \\ 367 &:= 1^9 + 2^5 + 5^0 + 9^1 + 18^2 = 19 + 25 + 50 + 91 + 182 \\ 367 &:= 1^9 + 3^2 + 4^4 + 10^2 + 17^0 = 19 + 32 + 44 + 102 + 170 \\ 367 &:= 1^9 + 4^2 + 5^2 + 10^2 + 15^2 = 19 + 42 + 52 + 102 + 152 \\ 367 &:= 1^9 + 4^2 + 6^3 + 11^2 + 13^1 = 19 + 42 + 63 + 112 + 131 \\ 367 &:= 1^9 + 4^3 + 6^1 + 10^2 + 14^2 = 19 + 43 + 61 + 102 + 142 \\ 367 &:= 1^9 + 5^2 + 6^2 + 7^2 + 16^2 = 19 + 52 + 62 + 72 + 162 \\ 367 &:= 1^9 + 5^3 + 6^2 + 9^1 + 14^2 = 19 + 53 + 62 + 91 + 142 \\ 367 &:= 1^9 + 5^3 + 8^1 + 8^2 + 13^2 = 19 + 53 + 81 + 82 + 132 \\ 367 &:= 2^0 + 2^0 + 3^5 + 11^2 + 18^0 = 20 + 20 + 35 + 112 + 180 \\ 367 &:= 2^0 + 2^1 + 4^3 + 11^1 + 17^2 = 20 + 21 + 43 + 111 + 172 \\ 367 &:= 2^0 + 2^2 + 6^1 + 10^2 + 16^2 = 20 + 22 + 61 + 102 + 162 \\ 367 &:= 2^0 + 2^3 + 7^3 + 11^0 + 14^1 = 20 + 23 + 73 + 110 + 141 \\ 367 &:= 2^0 + 3^0 + 3^5 + 11^2 + 17^0 = 20 + 30 + 35 + 112 + 170 \\ 367 &:= 2^0 + 3^1 + 4^3 + 10^1 + 17^2 = 20 + 31 + 43 + 101 + 172 \\ 367 &:= 2^0 + 3^1 + 5^2 + 13^2 + 13^2 = 20 + 31 + 52 + 132 + 132 \\ 367 &:= 2^0 + 3^2 + 5^2 + 8^1 + 18^2 = 20 + 32 + 52 + 81 + 182 \\ 367 &:= 2^0 + 3^3 + 5^0 + 13^2 + 13^2 = 20 + 33 + 50 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 367 &:= 2^0 + 3^3 + 7^0 + 7^2 + 17^2 = 20 + 33 + 70 + 72 + 172 \\ 367 &:= 2^0 + 3^5 + 10^0 + 10^0 + 11^2 = 20 + 35 + 100 + 100 + 112 \\ 367 &:= 2^0 + 3^5 + 4^0 + 11^2 + 16^0 = 20 + 35 + 40 + 112 + 160 \\ 367 &:= 2^0 + 3^5 + 5^0 + 11^2 + 15^0 = 20 + 35 + 50 + 112 + 150 \\ 367 &:= 2^0 + 3^5 + 6^0 + 11^2 + 14^0 = 20 + 35 + 60 + 112 + 140 \\ 367 &:= 2^0 + 3^5 + 7^0 + 11^2 + 13^0 = 20 + 35 + 70 + 112 + 130 \\ 367 &:= 2^0 + 3^5 + 8^0 + 11^2 + 12^0 = 20 + 35 + 80 + 112 + 120 \\ 367 &:= 2^0 + 3^5 + 9^0 + 11^0 + 11^2 = 20 + 35 + 90 + 110 + 112 \\ 367 &:= 2^0 + 4^1 + 4^2 + 11^2 + 15^2 = 20 + 41 + 42 + 112 + 152 \\ 367 &:= 2^0 + 4^1 + 4^3 + 9^1 + 17^2 = 20 + 41 + 43 + 91 + 172 \\ 367 &:= 2^0 + 4^1 + 5^2 + 9^2 + 16^2 = 20 + 41 + 52 + 92 + 162 \\ 367 &:= 2^0 + 4^3 + 5^1 + 8^1 + 17^2 = 20 + 43 + 51 + 81 + 172 \\ 367 &:= 2^0 + 4^3 + 6^1 + 7^1 + 17^2 = 20 + 43 + 61 + 71 + 172 \\ 367 &:= 2^0 + 4^4 + 9^1 + 10^2 + 11^0 = 20 + 44 + 91 + 102 + 110 \\ 367 &:= 2^0 + 5^1 + 6^2 + 6^2 + 17^2 = 20 + 51 + 62 + 62 + 172 \\ 367 &:= 2^0 + 6^3 + 7^2 + 10^2 + 11^0 = 20 + 63 + 72 + 102 + 110 \\ 367 &:= 2^1 + 2^2 + 6^2 + 8^0 + 18^2 = 21 + 22 + 62 + 80 + 182 \\ 367 &:= 2^1 + 2^2 + 7^3 + 8^0 + 17^1 = 21 + 22 + 73 + 80 + 171 \\ 367 &:= 2^1 + 3^2 + 7^3 + 12^0 + 12^1 = 21 + 32 + 73 + 120 + 121 \\ 367 &:= 2^1 + 4^1 + 6^3 + 12^0 + 12^2 = 21 + 41 + 63 + 120 + 122 \\ 367 &:= 2^1 + 4^2 + 5^1 + 7^3 + 18^0 = 21 + 42 + 51 + 73 + 180 \\ 367 &:= 2^2 + 3^1 + 7^3 + 8^0 + 16^1 = 22 + 31 + 73 + 80 + 161 \\ 367 &:= 2^2 + 4^1 + 7^3 + 8^0 + 15^1 = 22 + 41 + 73 + 80 + 151 \\ 367 &:= 2^2 + 5^1 + 7^3 + 8^0 + 14^1 = 22 + 51 + 73 + 80 + 141 \\ 367 &:= 2^2 + 6^1 + 7^3 + 8^0 + 13^1 = 22 + 61 + 73 + 80 + 131 \\ 367 &:= 2^2 + 7^1 + 7^3 + 8^0 + 12^1 = 22 + 71 + 73 + 80 + 121 \\ 367 &:= 2^2 + 7^3 + 8^0 + 8^1 + 11^1 = 22 + 73 + 80 + 81 + 111 \\ 367 &:= 2^2 + 7^3 + 8^0 + 9^1 + 10^1 = 22 + 73 + 80 + 91 + 101 \\ 367 &:= 2^3 + 2^8 + 4^2 + 4^3 + 23^1 = 23 + 28 + 42 + 43 + 231 \\ 367 &:= 2^3 + 3^0 + 7^3 + 10^0 + 14^1 = 23 + 30 + 73 + 100 + 141 \\ 367 &:= 2^3 + 4^0 + 7^3 + 9^0 + 14^1 = 23 + 40 + 73 + 90 + 141 \\ 367 &:= 2^3 + 5^0 + 7^3 + 8^0 + 14^1 = 23 + 50 + 73 + 80 + 141 \\ 367 &:= 2^3 + 6^0 + 7^0 + 7^3 + 14^1 = 23 + 60 + 70 + 73 + 141 \\ 367 &:= 2^4 + 2^5 + 3^4 + 6^3 + 22^1 = 24 + 25 + 34 + 63 + 221 \\ 367 &:= 2^4 + 2^7 + 4^3 + 12^2 + 15^1 = 24 + 27 + 43 + 122 + 151 \\ 367 &:= 2^4 + 2^7 + 5^3 + 9^2 + 17^1 = 24 + 27 + 53 + 92 + 171 \\ 367 &:= 2^4 + 2^8 + 3^4 + 13^1 + 15^0 = 24 + 28 + 34 + 131 + 150 \\ 367 &:= 2^5 + 2^5 + 4^4 + 5^2 + 22^1 = 25 + 25 + 44 + 52 + 221 \\ 367 &:= 2^5 + 2^6 + 6^2 + 6^3 + 19^1 = 25 + 26 + 62 + 63 + 191 \\ 367 &:= 2^5 + 2^7 + 5^2 + 13^1 + 13^2 = 25 + 27 + 52 + 131 + 132 \\ 367 &:= 2^5 + 2^7 + 5^3 + 9^2 + 17^0 = 25 + 27 + 53 + 92 + 170 \\ 367 &:= 2^5 + 2^8 + 4^3 + 13^0 + 14^1 = 25 + 28 + 43 + 130 + 141 \\ 367 &:= 2^6 + 2^8 + 5^0 + 5^2 + 21^1 = 26 + 28 + 50 + 52 + 211 \\ 367 &:= 2^6 + 2^8 + 6^2 + 10^1 + 15^0 = 26 + 28 + 62 + 101 + 150 \\ 367 &:= 2^6 + 3^2 + 3^3 + 3^5 + 24^1 = 26 + 32 + 33 + 35 + 241 \\ 367 &:= 2^7 + 2^7 + 10^1 + 10^2 + 11^0 = 27 + 27 + 101 + 102 + 110 \\ 367 &:= 2^8 + 3^3 + 3^3 + 6^2 + 21^1 = 28 + 33 + 33 + 62 + 211 \\ 367 &:= 3^0 + 3^0 + 3^5 + 11^2 + 16^0 = 30 + 30 + 35 + 112 + 160 \\ 367 &:= 3^0 + 3^3 + 4^0 + 13^2 + 13^2 = 30 + 33 + 40 + 132 + 132 \\ 367 &:= 3^0 + 3^3 + 6^0 + 7^2 + 17^2 = 30 + 33 + 60 + 72 + 172 \\ 367 &:= 3^0 + 3^5 + 4^0 + 11^2 + 15^0 = 30 + 35 + 40 + 112 + 150 \\ 367 &:= 3^0 + 3^5 + 5^0 + 11^2 + 14^0 = 30 + 35 + 50 + 112 + 140 \\ 367 &:= 3^0 + 3^5 + 6^0 + 11^2 + 13^0 = 30 + 35 + 60 + 112 + 130 \\ 367 &:= 3^0 + 3^5 + 7^0 + 11^2 + 12^0 = 30 + 35 + 70 + 112 + 120 \\ 367 &:= 3^0 + 3^5 + 8^0 + 11^0 + 11^2 = 30 + 35 + 80 + 110 + 112 \\ 367 &:= 3^0 + 3^5 + 9^0 + 10^0 + 11^2 = 30 + 35 + 90 + 100 + 112 \\ 367 &:= 3^0 + 4^4 + 9^1 + 10^0 + 10^2 = 30 + 44 + 91 + 100 + 102 \\ 367 &:= 3^0 + 6^3 + 7^2 + 10^0 + 10^2 = 30 + 63 + 72 + 100 + 102 \\ 367 &:= 3^1 + 3^1 + 6^3 + 12^0 + 12^2 = 31 + 31 + 63 + 120 + 122 \\ 367 &:= 3^1 + 3^2 + 7^3 + 11^1 + 12^0 = 31 + 32 + 73 + 111 + 120 \\ 367 &:= 3^1 + 4^0 + 5^2 + 7^2 + 17^2 = 31 + 40 + 52 + 72 + 172 \\ 367 &:= 3^1 + 4^1 + 4^2 + 7^3 + 18^0 = 31 + 41 + 42 + 73 + 180 \\ 367 &:= 3^2 + 4^0 + 4^1 + 8^2 + 17^2 = 32 + 40 + 41 + 82 + 172 \\ 367 &:= 3^2 + 4^1 + 7^3 + 10^1 + 12^0 = 32 + 41 + 73 + 101 + 120 \\ 367 &:= 3^2 + 5^1 + 7^3 + 9^1 + 12^0 = 32 + 51 + 73 + 91 + 120 \\ 367 &:= 3^2 + 6^1 + 7^3 + 8^1 + 12^0 = 32 + 61 + 73 + 81 + 120 \\ 367 &:= 3^2 + 7^1 + 7^1 + 7^3 + 12^0 = 32 + 71 + 71 + 73 + 120 \\ 367 &:= 3^3 + 4^0 + 5^0 + 7^2 + 17^2 = 33 + 40 + 50 + 72 + 172 \\ 367 &:= 3^5 + 4^0 + 4^0 + 11^2 + 14^0 = 35 + 40 + 40 + 112 + 140 \\ 367 &:= 3^5 + 4^0 + 5^0 + 11^2 + 13^0 = 35 + 40 + 50 + 112 + 130 \\ 367 &:= 3^5 + 4^0 + 6^0 + 11^2 + 12^0 = 35 + 40 + 60 + 112 + 120 \\ 367 &:= 3^5 + 4^0 + 7^0 + 11^0 + 11^2 = 35 + 40 + 70 + 110 + 112 \\ 367 &:= 3^5 + 4^0 + 8^0 + 10^0 + 11^2 = 35 + 40 + 80 + 100 + 112 \\ 367 &:= 3^5 + 4^0 + 9^0 + 9^0 + 11^2 = 35 + 40 + 90 + 90 + 112 \\ 367 &:= 3^5 + 5^0 + 5^0 + 11^2 + 12^0 = 35 + 50 + 50 + 112 + 120 \\ 367 &:= 3^5 + 5^0 + 6^0 + 11^0 + 11^2 = 35 + 50 + 60 + 110 + 112 \end{aligned}$$

$$\begin{aligned}
 367 &:= 3^5 + 5^0 + 7^0 + 10^0 + 11^2 = 35 + 50 + 70 + 100 + 112 \\
 367 &:= 3^5 + 5^0 + 8^0 + 9^0 + 11^2 = 35 + 50 + 80 + 90 + 112 \\
 367 &:= 3^5 + 6^0 + 6^0 + 10^0 + 11^2 = 35 + 60 + 60 + 100 + 112 \\
 367 &:= 3^5 + 6^0 + 7^0 + 9^0 + 11^2 = 35 + 60 + 70 + 90 + 112 \\
 367 &:= 3^5 + 6^0 + 8^0 + 8^0 + 11^2 = 35 + 60 + 80 + 80 + 112 \\
 367 &:= 3^5 + 7^0 + 7^0 + 8^0 + 11^2 = 35 + 70 + 70 + 80 + 112 \\
 367 &:= 4^0 + 4^4 + 9^0 + 9^1 + 10^2 = 40 + 44 + 90 + 91 + 102
 \end{aligned}$$

$$\begin{aligned}
 367 &:= 4^0 + 6^3 + 7^2 + 9^0 + 10^2 = 40 + 63 + 72 + 90 + 102 \\
 367 &:= 4^4 + 5^0 + 8^0 + 9^1 + 10^2 = 44 + 50 + 80 + 91 + 102 \\
 367 &:= 4^4 + 6^0 + 7^0 + 9^1 + 10^2 = 44 + 60 + 70 + 91 + 102 \\
 367 &:= 5^0 + 6^3 + 7^2 + 8^0 + 10^2 = 50 + 63 + 72 + 80 + 102 \\
 367 &:= 6^0 + 6^3 + 7^0 + 7^2 + 10^2 = 60 + 63 + 70 + 72 + 102
 \end{aligned}$$

2.2.269 Number 368

$$\begin{aligned}
 368 &:= 1^2 + 4^3 + 14^1 + 17^2 = 12 + 43 + 141 + 172 \\
 368 &:= 1^4 + 5^0 + 7^3 + 23^1 = 14 + 50 + 73 + 231 \\
 368 &:= 1^5 + 5^1 + 11^0 + 19^2 = 15 + 51 + 110 + 192 \\
 368 &:= 2^2 + 3^3 + 13^1 + 18^2 = 22 + 33 + 131 + 182 \\
 368 &:= 2^2 + 5^3 + 14^1 + 15^2 = 22 + 53 + 141 + 152 \\
 368 &:= 2^3 + 4^2 + 7^3 + 23^0 = 23 + 42 + 73 + 230 \\
 368 &:= 2^3 + 5^2 + 11^1 + 18^2 = 23 + 52 + 111 + 182 \\
 368 &:= 2^4 + 7^3 + 8^1 + 19^0 = 24 + 73 + 81 + 190 \\
 368 &:= 2^5 + 5^0 + 11^1 + 18^2 = 25 + 50 + 111 + 182 \\
 368 &:= 3^1 + 3^5 + 11^2 + 19^0 = 31 + 35 + 112 + 190 \\
 368 &:= 4^2 + 6^3 + 11^2 + 15^1 = 42 + 63 + 112 + 151 \\
 368 &:= 4^2 + 8^2 + 12^2 + 12^2 = 42 + 82 + 122 + 122 \\
 368 &:= 4^3 + 8^1 + 10^2 + 14^2 = 43 + 81 + 102 + 142 \\
 368 &:= 5^3 + 6^2 + 11^1 + 14^2 = 53 + 62 + 111 + 142 \\
 368 &:= 5^3 + 8^2 + 10^1 + 13^2 = 53 + 82 + 101 + 132 \\
 368 &:= 6^2 + 6^2 + 10^2 + 14^2 = 62 + 62 + 102 + 142 \\
 368 &:= 1^0 + 1^2 + 4^3 + 13^1 + 17^2 = 10 + 12 + 43 + 131 + 172 \\
 368 &:= 1^0 + 1^4 + 2^2 + 13^0 + 19^2 = 10 + 14 + 22 + 130 + 192 \\
 368 &:= 1^0 + 1^4 + 5^0 + 7^3 + 22^1 = 10 + 14 + 50 + 73 + 221 \\
 368 &:= 1^0 + 1^4 + 7^0 + 13^2 + 14^2 = 10 + 14 + 70 + 132 + 142 \\
 368 &:= 1^0 + 1^5 + 4^1 + 11^0 + 19^2 = 10 + 15 + 41 + 110 + 192 \\
 368 &:= 1^0 + 2^1 + 3^5 + 11^2 + 19^0 = 10 + 21 + 35 + 112 + 190 \\
 368 &:= 1^0 + 2^2 + 11^2 + 11^2 + 11^2 = 10 + 22 + 112 + 112 + 112 \\
 368 &:= 1^0 + 2^2 + 3^3 + 12^1 + 18^2 = 10 + 22 + 33 + 121 + 182 \\
 368 &:= 1^0 + 2^2 + 5^3 + 13^1 + 15^2 = 10 + 22 + 53 + 131 + 152 \\
 368 &:= 1^0 + 2^3 + 5^2 + 10^1 + 18^2 = 10 + 23 + 52 + 101 + 182 \\
 368 &:= 1^0 + 2^4 + 7^1 + 7^3 + 19^0 = 10 + 24 + 71 + 73 + 190 \\
 368 &:= 1^0 + 2^5 + 5^0 + 10^1 + 18^2 = 10 + 25 + 50 + 101 + 182 \\
 368 &:= 1^0 + 3^2 + 9^2 + 9^2 + 14^2 = 10 + 32 + 92 + 92 + 142
 \end{aligned}$$

$$\begin{aligned}
 368 &:= 1^0 + 4^2 + 6^3 + 11^2 + 14^1 = 10 + 42 + 63 + 112 + 141 \\
 368 &:= 1^0 + 4^3 + 7^1 + 10^2 + 14^2 = 10 + 43 + 71 + 102 + 142 \\
 368 &:= 1^0 + 5^2 + 5^2 + 11^2 + 14^2 = 10 + 52 + 52 + 112 + 142 \\
 368 &:= 1^0 + 5^2 + 5^3 + 6^3 + 19^0 = 10 + 52 + 53 + 63 + 190 \\
 368 &:= 1^0 + 5^2 + 6^2 + 9^2 + 15^2 = 10 + 52 + 62 + 92 + 152 \\
 368 &:= 1^0 + 5^3 + 6^2 + 10^1 + 14^2 = 10 + 53 + 62 + 101 + 142 \\
 368 &:= 1^0 + 5^3 + 8^2 + 9^1 + 13^2 = 10 + 53 + 82 + 91 + 132 \\
 368 &:= 1^1 + 1^1 + 4^3 + 13^1 + 17^2 = 11 + 11 + 43 + 131 + 172 \\
 368 &:= 1^1 + 1^3 + 2^2 + 13^0 + 19^2 = 11 + 13 + 22 + 130 + 192 \\
 368 &:= 1^1 + 1^3 + 5^0 + 7^3 + 22^1 = 11 + 13 + 50 + 73 + 221 \\
 368 &:= 1^1 + 1^3 + 7^0 + 13^2 + 14^2 = 11 + 13 + 70 + 132 + 142 \\
 368 &:= 1^1 + 1^4 + 4^1 + 11^0 + 19^2 = 11 + 14 + 41 + 110 + 192 \\
 368 &:= 1^1 + 2^1 + 10^2 + 11^2 + 12^2 = 11 + 21 + 102 + 112 + 122 \\
 368 &:= 1^1 + 2^1 + 4^3 + 12^1 + 17^2 = 11 + 21 + 43 + 121 + 172 \\
 368 &:= 1^1 + 2^2 + 7^1 + 10^2 + 16^2 = 11 + 22 + 71 + 102 + 162 \\
 368 &:= 1^1 + 2^3 + 7^3 + 11^0 + 15^1 = 11 + 23 + 73 + 110 + 151 \\
 368 &:= 1^1 + 3^1 + 4^3 + 11^1 + 17^2 = 11 + 31 + 43 + 111 + 172 \\
 368 &:= 1^1 + 3^2 + 5^2 + 9^1 + 18^2 = 11 + 32 + 52 + 91 + 182 \\
 368 &:= 1^1 + 4^1 + 4^3 + 10^1 + 17^2 = 11 + 41 + 43 + 101 + 172 \\
 368 &:= 1^1 + 4^1 + 5^2 + 13^2 + 13^2 = 11 + 41 + 52 + 132 + 132 \\
 368 &:= 1^1 + 4^2 + 5^1 + 11^2 + 15^2 = 11 + 42 + 51 + 112 + 152 \\
 368 &:= 1^1 + 4^2 + 5^3 + 11^0 + 15^2 = 11 + 42 + 53 + 110 + 152 \\
 368 &:= 1^1 + 4^3 + 5^1 + 9^1 + 17^2 = 11 + 43 + 51 + 91 + 172 \\
 368 &:= 1^1 + 4^3 + 6^1 + 8^1 + 17^2 = 11 + 43 + 61 + 81 + 172 \\
 368 &:= 1^1 + 4^3 + 7^1 + 7^1 + 17^2 = 11 + 43 + 71 + 71 + 172 \\
 368 &:= 1^1 + 4^4 + 10^1 + 10^2 + 11^0 = 11 + 44 + 101 + 102 + 110 \\
 368 &:= 1^1 + 5^1 + 5^2 + 9^2 + 16^2 = 11 + 51 + 52 + 92 + 162 \\
 368 &:= 1^1 + 6^1 + 6^2 + 6^2 + 17^2 = 11 + 61 + 62 + 62 + 172 \\
 368 &:= 1^2 + 1^2 + 2^2 + 13^0 + 19^2 = 12 + 12 + 22 + 130 + 192
 \end{aligned}$$

$$\begin{aligned} 368 &:= 1^2 + 1^2 + 5^0 + 7^3 + 22^1 = 12 + 12 + 50 + 73 + 221 \\ 368 &:= 1^2 + 1^2 + 7^0 + 13^2 + 14^2 = 12 + 12 + 70 + 132 + 142 \\ 368 &:= 1^2 + 1^3 + 4^1 + 11^0 + 19^2 = 12 + 13 + 41 + 110 + 192 \\ 368 &:= 1^2 + 2^2 + 7^0 + 7^3 + 19^1 = 12 + 22 + 70 + 73 + 191 \\ 368 &:= 1^2 + 3^0 + 7^2 + 11^2 + 14^2 = 12 + 30 + 72 + 112 + 142 \\ 368 &:= 1^2 + 3^2 + 7^3 + 11^0 + 14^1 = 12 + 32 + 73 + 110 + 141 \\ 368 &:= 1^2 + 4^2 + 7^1 + 7^3 + 17^0 = 12 + 42 + 71 + 73 + 170 \\ 368 &:= 1^2 + 6^1 + 6^3 + 11^0 + 12^2 = 12 + 61 + 63 + 110 + 122 \\ 368 &:= 1^3 + 2^1 + 5^0 + 7^3 + 21^1 = 13 + 21 + 50 + 73 + 211 \\ 368 &:= 1^3 + 3^1 + 5^0 + 7^3 + 20^1 = 13 + 31 + 50 + 73 + 201 \\ 368 &:= 1^3 + 4^1 + 5^0 + 7^3 + 19^1 = 13 + 41 + 50 + 73 + 191 \\ 368 &:= 1^3 + 5^0 + 5^1 + 7^3 + 18^1 = 13 + 50 + 51 + 73 + 181 \\ 368 &:= 1^3 + 5^0 + 6^1 + 6^2 + 18^2 = 13 + 50 + 61 + 62 + 182 \\ 368 &:= 1^3 + 5^0 + 6^1 + 7^3 + 17^1 = 13 + 50 + 61 + 73 + 171 \\ 368 &:= 1^3 + 5^0 + 7^1 + 7^3 + 16^1 = 13 + 50 + 71 + 73 + 161 \\ 368 &:= 1^3 + 5^0 + 7^3 + 10^1 + 13^1 = 13 + 50 + 73 + 101 + 131 \\ 368 &:= 1^3 + 5^0 + 7^3 + 11^1 + 12^1 = 13 + 50 + 73 + 111 + 121 \\ 368 &:= 1^3 + 5^0 + 7^3 + 8^1 + 15^1 = 13 + 50 + 73 + 81 + 151 \\ 368 &:= 1^3 + 5^0 + 7^3 + 9^1 + 14^1 = 13 + 50 + 73 + 91 + 141 \\ 368 &:= 1^4 + 2^0 + 2^2 + 12^0 + 19^2 = 14 + 20 + 22 + 120 + 192 \\ 368 &:= 1^4 + 2^0 + 4^0 + 7^3 + 22^1 = 14 + 20 + 40 + 73 + 221 \\ 368 &:= 1^4 + 2^0 + 6^0 + 13^2 + 14^2 = 14 + 20 + 60 + 132 + 142 \\ 368 &:= 1^4 + 2^1 + 3^1 + 11^0 + 19^2 = 14 + 21 + 31 + 110 + 192 \\ 368 &:= 1^4 + 2^2 + 3^0 + 11^0 + 19^2 = 14 + 22 + 30 + 110 + 192 \\ 368 &:= 1^4 + 2^2 + 4^0 + 10^0 + 19^2 = 14 + 22 + 40 + 100 + 192 \\ 368 &:= 1^4 + 2^2 + 5^0 + 9^0 + 19^2 = 14 + 22 + 50 + 90 + 192 \\ 368 &:= 1^4 + 2^2 + 6^0 + 8^0 + 19^2 = 14 + 22 + 60 + 80 + 192 \\ 368 &:= 1^4 + 2^2 + 7^0 + 7^0 + 19^2 = 14 + 22 + 70 + 70 + 192 \\ 368 &:= 1^4 + 3^0 + 3^0 + 7^3 + 22^1 = 14 + 30 + 30 + 73 + 221 \\ 368 &:= 1^4 + 3^0 + 5^0 + 13^2 + 14^2 = 14 + 30 + 50 + 132 + 142 \\ 368 &:= 1^4 + 4^0 + 4^0 + 13^2 + 14^2 = 14 + 40 + 40 + 132 + 142 \\ 368 &:= 1^5 + 1^9 + 2^2 + 12^0 + 19^2 = 15 + 19 + 22 + 120 + 192 \\ 368 &:= 1^5 + 1^9 + 4^0 + 7^3 + 22^1 = 15 + 19 + 40 + 73 + 221 \\ 368 &:= 1^5 + 1^9 + 6^0 + 13^2 + 14^2 = 15 + 19 + 60 + 132 + 142 \\ 368 &:= 1^5 + 2^0 + 4^1 + 10^0 + 19^2 = 15 + 20 + 41 + 100 + 192 \\ 368 &:= 1^5 + 3^0 + 4^1 + 9^0 + 19^2 = 15 + 30 + 41 + 90 + 192 \\ 368 &:= 1^5 + 4^0 + 4^1 + 8^0 + 19^2 = 15 + 40 + 41 + 80 + 192 \\ 368 &:= 1^5 + 4^1 + 5^0 + 7^0 + 19^2 = 15 + 41 + 50 + 70 + 192 \end{aligned}$$

$$\begin{aligned} 368 &:= 1^5 + 4^1 + 6^0 + 6^0 + 19^2 = 15 + 41 + 60 + 60 + 192 \\ 368 &:= 1^6 + 1^8 + 2^2 + 12^0 + 19^2 = 16 + 18 + 22 + 120 + 192 \\ 368 &:= 1^6 + 1^8 + 4^0 + 7^3 + 22^1 = 16 + 18 + 40 + 73 + 221 \\ 368 &:= 1^6 + 1^8 + 6^0 + 13^2 + 14^2 = 16 + 18 + 60 + 132 + 142 \\ 368 &:= 1^6 + 1^9 + 4^1 + 10^0 + 19^2 = 16 + 19 + 41 + 100 + 192 \\ 368 &:= 1^7 + 1^7 + 2^2 + 12^0 + 19^2 = 17 + 17 + 22 + 120 + 192 \\ 368 &:= 1^7 + 1^7 + 4^0 + 7^3 + 22^1 = 17 + 17 + 40 + 73 + 221 \\ 368 &:= 1^7 + 1^7 + 6^0 + 13^2 + 14^2 = 17 + 17 + 60 + 132 + 142 \\ 368 &:= 1^7 + 1^8 + 4^1 + 10^0 + 19^2 = 17 + 18 + 41 + 100 + 192 \\ 368 &:= 1^7 + 2^7 + 4^0 + 6^3 + 22^1 = 17 + 27 + 40 + 63 + 221 \\ 368 &:= 1^7 + 2^8 + 10^1 + 10^2 + 12^0 = 17 + 28 + 101 + 102 + 120 \\ 368 &:= 1^8 + 2^7 + 4^0 + 13^1 + 15^2 = 18 + 27 + 40 + 131 + 152 \\ 368 &:= 1^9 + 2^0 + 2^6 + 13^1 + 17^2 = 19 + 20 + 26 + 131 + 172 \\ 368 &:= 1^9 + 2^4 + 5^3 + 12^0 + 15^2 = 19 + 24 + 53 + 120 + 152 \\ 368 &:= 2^0 + 2^1 + 3^5 + 11^2 + 18^0 = 20 + 21 + 35 + 112 + 180 \\ 368 &:= 2^0 + 2^4 + 7^1 + 7^3 + 18^0 = 20 + 24 + 71 + 73 + 180 \\ 368 &:= 2^0 + 2^5 + 4^0 + 10^1 + 18^2 = 20 + 25 + 40 + 101 + 182 \\ 368 &:= 2^0 + 5^2 + 5^3 + 6^3 + 18^0 = 20 + 52 + 53 + 63 + 180 \\ 368 &:= 2^1 + 2^1 + 4^3 + 11^1 + 17^2 = 21 + 21 + 43 + 111 + 172 \\ 368 &:= 2^1 + 2^2 + 6^1 + 10^2 + 16^2 = 21 + 22 + 61 + 102 + 162 \\ 368 &:= 2^1 + 2^3 + 7^3 + 11^0 + 14^1 = 21 + 23 + 73 + 110 + 141 \\ 368 &:= 2^1 + 3^0 + 3^5 + 11^2 + 17^0 = 21 + 30 + 35 + 112 + 170 \\ 368 &:= 2^1 + 3^1 + 4^3 + 10^1 + 17^2 = 21 + 31 + 43 + 101 + 172 \\ 368 &:= 2^1 + 3^1 + 5^2 + 13^2 + 13^2 = 21 + 31 + 52 + 132 + 132 \\ 368 &:= 2^1 + 3^2 + 5^2 + 8^1 + 18^2 = 21 + 32 + 52 + 81 + 182 \\ 368 &:= 2^1 + 3^3 + 5^0 + 13^2 + 13^2 = 21 + 33 + 50 + 132 + 132 \\ 368 &:= 2^1 + 3^3 + 7^0 + 7^2 + 17^2 = 21 + 33 + 70 + 72 + 172 \\ 368 &:= 2^1 + 3^5 + 10^0 + 10^0 + 11^2 = 21 + 35 + 100 + 100 + 112 \\ 368 &:= 2^1 + 3^5 + 4^0 + 11^2 + 16^0 = 21 + 35 + 40 + 112 + 160 \\ 368 &:= 2^1 + 3^5 + 5^0 + 11^2 + 15^0 = 21 + 35 + 50 + 112 + 150 \\ 368 &:= 2^1 + 3^5 + 6^0 + 11^2 + 14^0 = 21 + 35 + 60 + 112 + 140 \\ 368 &:= 2^1 + 3^5 + 7^0 + 11^2 + 13^0 = 21 + 35 + 70 + 112 + 130 \\ 368 &:= 2^1 + 3^5 + 8^0 + 11^2 + 12^0 = 21 + 35 + 80 + 112 + 120 \\ 368 &:= 2^1 + 3^5 + 9^0 + 11^0 + 11^2 = 21 + 35 + 90 + 110 + 112 \\ 368 &:= 2^1 + 4^1 + 4^2 + 11^2 + 15^2 = 21 + 41 + 42 + 112 + 152 \\ 368 &:= 2^1 + 4^1 + 4^3 + 9^1 + 17^2 = 21 + 41 + 43 + 91 + 172 \\ 368 &:= 2^1 + 4^1 + 5^2 + 9^2 + 16^2 = 21 + 41 + 52 + 92 + 162 \\ 368 &:= 2^1 + 4^3 + 5^1 + 8^1 + 17^2 = 21 + 43 + 51 + 81 + 172 \end{aligned}$$

$$\begin{aligned}
 368 &:= 2^1 + 4^3 + 6^1 + 7^1 + 17^2 = 21 + 43 + 61 + 71 + 172 \\
 368 &:= 2^1 + 4^4 + 9^1 + 10^2 + 11^0 = 21 + 44 + 91 + 102 + 110 \\
 368 &:= 2^1 + 5^1 + 6^2 + 6^2 + 17^2 = 21 + 51 + 62 + 62 + 172 \\
 368 &:= 2^1 + 6^3 + 7^2 + 10^2 + 11^0 = 21 + 63 + 72 + 102 + 110 \\
 368 &:= 2^2 + 2^2 + 7^3 + 9^0 + 16^1 = 22 + 22 + 73 + 90 + 161 \\
 368 &:= 2^2 + 3^0 + 4^3 + 10^1 + 17^2 = 22 + 30 + 43 + 101 + 172 \\
 368 &:= 2^2 + 3^0 + 5^2 + 13^2 + 13^2 = 22 + 30 + 52 + 132 + 132 \\
 368 &:= 2^2 + 3^1 + 5^1 + 10^2 + 16^2 = 22 + 31 + 51 + 102 + 162 \\
 368 &:= 2^2 + 3^1 + 6^3 + 12^2 + 13^0 = 22 + 31 + 63 + 122 + 130 \\
 368 &:= 2^2 + 3^2 + 7^3 + 11^1 + 13^0 = 22 + 32 + 73 + 111 + 130 \\
 368 &:= 2^2 + 4^1 + 4^1 + 10^2 + 16^2 = 22 + 41 + 41 + 102 + 162 \\
 368 &:= 2^2 + 4^1 + 4^2 + 7^3 + 19^0 = 22 + 41 + 42 + 73 + 190 \\
 368 &:= 2^2 + 5^0 + 5^2 + 7^2 + 17^2 = 22 + 50 + 52 + 72 + 172 \\
 368 &:= 2^3 + 3^0 + 6^1 + 8^2 + 17^2 = 23 + 30 + 61 + 82 + 172 \\
 368 &:= 2^3 + 3^1 + 5^0 + 10^2 + 16^2 = 23 + 31 + 50 + 102 + 162 \\
 368 &:= 2^3 + 3^1 + 7^3 + 11^0 + 13^1 = 23 + 31 + 73 + 110 + 131 \\
 368 &:= 2^3 + 4^1 + 7^3 + 11^0 + 12^1 = 23 + 41 + 73 + 110 + 121 \\
 368 &:= 2^3 + 5^1 + 7^3 + 11^0 + 11^1 = 23 + 51 + 73 + 110 + 111 \\
 368 &:= 2^3 + 6^1 + 7^3 + 10^1 + 11^0 = 23 + 61 + 73 + 101 + 110 \\
 368 &:= 2^3 + 7^1 + 7^3 + 9^1 + 11^0 = 23 + 71 + 73 + 91 + 110 \\
 368 &:= 2^3 + 7^3 + 8^1 + 8^1 + 11^0 = 23 + 73 + 81 + 81 + 110 \\
 368 &:= 2^4 + 3^0 + 7^1 + 7^3 + 17^0 = 24 + 30 + 71 + 73 + 170 \\
 368 &:= 2^4 + 4^0 + 7^1 + 7^3 + 16^0 = 24 + 40 + 71 + 73 + 160 \\
 368 &:= 2^4 + 5^0 + 7^1 + 7^3 + 15^0 = 24 + 50 + 71 + 73 + 150 \\
 368 &:= 2^4 + 6^0 + 7^1 + 7^3 + 14^0 = 24 + 60 + 71 + 73 + 140 \\
 368 &:= 2^4 + 7^0 + 7^1 + 7^3 + 13^0 = 24 + 70 + 71 + 73 + 130 \\
 368 &:= 2^4 + 7^1 + 7^3 + 10^0 + 10^0 = 24 + 71 + 73 + 100 + 100 \\
 368 &:= 2^4 + 7^1 + 7^3 + 8^0 + 12^0 = 24 + 71 + 73 + 80 + 120 \\
 368 &:= 2^4 + 7^1 + 7^3 + 9^0 + 11^0 = 24 + 71 + 73 + 90 + 110 \\
 368 &:= 2^5 + 3^0 + 3^0 + 10^1 + 18^2 = 25 + 30 + 30 + 101 + 182 \\
 368 &:= 2^6 + 2^8 + 3^3 + 8^0 + 20^1 = 26 + 28 + 33 + 80 + 201 \\
 368 &:= 3^0 + 5^2 + 5^3 + 6^3 + 17^0 = 30 + 52 + 53 + 63 + 170
 \end{aligned}$$

$$\begin{aligned}
 368 &:= 3^1 + 3^1 + 4^2 + 11^2 + 15^2 = 31 + 31 + 42 + 112 + 152 \\
 368 &:= 3^1 + 3^1 + 4^3 + 9^1 + 17^2 = 31 + 31 + 43 + 91 + 172 \\
 368 &:= 3^1 + 3^1 + 5^2 + 9^2 + 16^2 = 31 + 31 + 52 + 92 + 162 \\
 368 &:= 3^1 + 3^2 + 5^2 + 7^1 + 18^2 = 31 + 32 + 52 + 71 + 182 \\
 368 &:= 3^1 + 3^3 + 5^0 + 9^2 + 16^2 = 31 + 33 + 50 + 92 + 162 \\
 368 &:= 3^1 + 4^1 + 4^3 + 8^1 + 17^2 = 31 + 41 + 43 + 81 + 172 \\
 368 &:= 3^1 + 4^1 + 6^2 + 6^2 + 17^2 = 31 + 41 + 62 + 62 + 172 \\
 368 &:= 3^1 + 4^3 + 5^1 + 7^1 + 17^2 = 31 + 43 + 51 + 71 + 172 \\
 368 &:= 3^1 + 4^3 + 6^1 + 6^1 + 17^2 = 31 + 43 + 61 + 61 + 172 \\
 368 &:= 3^1 + 4^4 + 8^1 + 10^2 + 11^0 = 31 + 44 + 81 + 102 + 110 \\
 368 &:= 3^2 + 3^2 + 5^2 + 7^0 + 18^2 = 32 + 32 + 52 + 70 + 182 \\
 368 &:= 3^2 + 3^2 + 6^1 + 7^3 + 17^0 = 32 + 32 + 61 + 73 + 170 \\
 368 &:= 3^2 + 3^3 + 5^0 + 7^1 + 18^2 = 32 + 33 + 50 + 71 + 182 \\
 368 &:= 3^2 + 4^1 + 5^2 + 6^1 + 18^2 = 32 + 41 + 52 + 61 + 182 \\
 368 &:= 3^2 + 4^3 + 5^1 + 7^0 + 17^2 = 32 + 43 + 51 + 70 + 172 \\
 368 &:= 3^2 + 5^0 + 5^3 + 8^1 + 15^2 = 32 + 50 + 53 + 81 + 152 \\
 368 &:= 3^2 + 5^1 + 5^1 + 5^2 + 18^2 = 32 + 51 + 51 + 52 + 182 \\
 368 &:= 4^0 + 5^2 + 5^3 + 6^3 + 16^0 = 40 + 52 + 53 + 63 + 160 \\
 368 &:= 4^1 + 4^1 + 4^3 + 7^1 + 17^2 = 41 + 41 + 43 + 71 + 172 \\
 368 &:= 4^1 + 4^3 + 5^1 + 6^1 + 17^2 = 41 + 43 + 51 + 61 + 172 \\
 368 &:= 4^1 + 4^4 + 7^1 + 10^2 + 11^0 = 41 + 44 + 71 + 102 + 110 \\
 368 &:= 4^3 + 5^1 + 5^1 + 5^1 + 17^2 = 43 + 51 + 51 + 51 + 172 \\
 368 &:= 4^4 + 5^1 + 6^1 + 10^2 + 11^0 = 44 + 51 + 61 + 102 + 110 \\
 368 &:= 5^0 + 5^2 + 5^3 + 6^3 + 15^0 = 50 + 52 + 53 + 63 + 150 \\
 368 &:= 5^1 + 5^2 + 6^3 + 9^0 + 11^2 = 51 + 52 + 63 + 90 + 112 \\
 368 &:= 5^2 + 5^3 + 6^0 + 6^3 + 14^0 = 52 + 53 + 60 + 63 + 140 \\
 368 &:= 5^2 + 5^3 + 6^3 + 10^0 + 10^0 = 52 + 53 + 63 + 100 + 100 \\
 368 &:= 5^2 + 5^3 + 6^3 + 7^0 + 13^0 = 52 + 53 + 63 + 70 + 130 \\
 368 &:= 5^2 + 5^3 + 6^3 + 8^0 + 12^0 = 52 + 53 + 63 + 80 + 120 \\
 368 &:= 5^2 + 5^3 + 6^3 + 9^0 + 11^0 = 52 + 53 + 63 + 90 + 110 \\
 368 &:= 6^1 + 6^3 + 7^0 + 8^2 + 9^2 = 61 + 63 + 70 + 82 + 92
 \end{aligned}$$

2.2.270 Number 369

$$\begin{aligned}
 369 &:= 1^5 + 4^0 + 7^3 + 24^1 = 15 + 40 + 73 + 241 \\
 369 &:= 1^6 + 6^1 + 10^0 + 19^2 = 16 + 61 + 100 + 192 \\
 369 &:= 2^0 + 2^6 + 15^1 + 17^2 = 20 + 26 + 151 + 172
 \end{aligned}$$

$$\begin{aligned}
 369 &:= 2^2 + 3^5 + 11^2 + 20^0 = 22 + 35 + 112 + 200 \\
 369 &:= 2^4 + 3^2 + 7^3 + 24^0 = 24 + 32 + 73 + 240 \\
 369 &:= 3^3 + 5^3 + 6^3 + 22^0 = 33 + 53 + 63 + 220
 \end{aligned}$$

$$\begin{aligned}
 369 &:= 3^5 + 5^2 + 10^2 + 18^0 &= 35 + 52 + 102 + 180 & 369 &:= 1^4 + 4^0 + 7^1 + 7^3 + 17^1 &= 14 + 40 + 71 + 73 + 171 \\
 369 &:= 1^0 + 1^5 + 4^0 + 7^3 + 23^1 &= 10 + 15 + 40 + 73 + 231 & 369 &:= 1^4 + 4^0 + 7^3 + 10^1 + 14^1 &= 14 + 40 + 73 + 101 + 141 \\
 369 &:= 1^0 + 1^6 + 5^1 + 10^0 + 19^2 &= 10 + 16 + 51 + 100 + 192 & 369 &:= 1^4 + 4^0 + 7^3 + 11^1 + 13^1 &= 14 + 40 + 73 + 111 + 131 \\
 369 &:= 1^0 + 2^0 + 2^6 + 14^1 + 17^2 &= 10 + 20 + 26 + 141 + 172 & 369 &:= 1^4 + 4^0 + 7^3 + 12^1 + 12^1 &= 14 + 40 + 73 + 121 + 121 \\
 369 &:= 1^0 + 2^4 + 3^3 + 12^0 + 18^2 &= 10 + 24 + 33 + 120 + 182 & 369 &:= 1^4 + 4^0 + 7^3 + 8^1 + 16^1 &= 14 + 40 + 73 + 81 + 161 \\
 369 &:= 1^1 + 1^4 + 4^0 + 7^3 + 23^1 &= 11 + 14 + 40 + 73 + 231 & 369 &:= 1^4 + 4^0 + 7^3 + 9^1 + 15^1 &= 14 + 40 + 73 + 91 + 151 \\
 369 &:= 1^1 + 1^5 + 5^1 + 10^0 + 19^2 &= 11 + 15 + 51 + 100 + 192 & 369 &:= 1^5 + 1^5 + 2^6 + 14^1 + 17^2 &= 15 + 15 + 26 + 141 + 172 \\
 369 &:= 1^1 + 1^9 + 2^6 + 14^1 + 17^2 &= 11 + 19 + 26 + 141 + 172 & 369 &:= 1^5 + 2^0 + 3^0 + 7^3 + 23^1 &= 15 + 20 + 30 + 73 + 231 \\
 369 &:= 1^1 + 2^3 + 4^2 + 7^3 + 22^0 &= 11 + 23 + 42 + 73 + 220 & 369 &:= 1^5 + 2^1 + 4^1 + 10^0 + 19^2 &= 15 + 21 + 41 + 100 + 192 \\
 369 &:= 1^1 + 2^4 + 7^3 + 8^1 + 18^0 &= 11 + 24 + 73 + 81 + 180 & 369 &:= 1^5 + 2^8 + 3^3 + 8^2 + 21^1 &= 15 + 28 + 33 + 82 + 211 \\
 369 &:= 1^1 + 2^5 + 4^0 + 11^1 + 18^2 &= 11 + 25 + 40 + 111 + 182 & 369 &:= 1^5 + 2^8 + 4^3 + 5^2 + 23^1 &= 15 + 28 + 43 + 52 + 231 \\
 369 &:= 1^1 + 3^1 + 3^5 + 11^2 + 18^0 &= 11 + 31 + 35 + 112 + 180 & 369 &:= 1^5 + 3^1 + 3^1 + 10^0 + 19^2 &= 15 + 31 + 31 + 100 + 192 \\
 369 &:= 1^2 + 1^3 + 4^0 + 7^3 + 23^1 &= 12 + 13 + 40 + 73 + 231 & 369 &:= 1^6 + 1^9 + 3^0 + 7^3 + 23^1 &= 16 + 19 + 30 + 73 + 231 \\
 369 &:= 1^2 + 1^4 + 5^1 + 10^0 + 19^2 &= 12 + 14 + 51 + 100 + 192 & 369 &:= 1^6 + 2^0 + 5^1 + 9^0 + 19^2 &= 16 + 20 + 51 + 90 + 192 \\
 369 &:= 1^2 + 1^8 + 2^6 + 14^1 + 17^2 &= 12 + 18 + 26 + 141 + 172 & 369 &:= 1^6 + 2^6 + 4^4 + 5^2 + 23^1 &= 16 + 26 + 44 + 52 + 231 \\
 369 &:= 1^2 + 2^3 + 7^3 + 10^0 + 16^1 &= 12 + 23 + 73 + 100 + 161 & 369 &:= 1^6 + 3^0 + 5^1 + 8^0 + 19^2 &= 16 + 30 + 51 + 80 + 192 \\
 369 &:= 1^2 + 3^3 + 4^2 + 10^0 + 18^2 &= 12 + 33 + 42 + 100 + 182 & 369 &:= 1^6 + 4^0 + 5^1 + 7^0 + 19^2 &= 16 + 40 + 51 + 70 + 192 \\
 369 &:= 1^2 + 3^3 + 6^0 + 12^2 + 14^2 &= 12 + 33 + 60 + 122 + 142 & 369 &:= 1^6 + 5^0 + 5^1 + 6^0 + 19^2 &= 16 + 50 + 51 + 60 + 192 \\
 369 &:= 1^2 + 4^4 + 10^0 + 10^2 + 11^1 &= 12 + 44 + 100 + 102 + 111 & 369 &:= 1^7 + 1^8 + 3^0 + 7^3 + 23^1 &= 17 + 18 + 30 + 73 + 231 \\
 369 &:= 1^2 + 5^3 + 8^0 + 11^2 + 11^2 &= 12 + 53 + 80 + 112 + 112 & 369 &:= 1^7 + 1^9 + 5^1 + 9^0 + 19^2 &= 17 + 19 + 51 + 90 + 192 \\
 369 &:= 1^3 + 1^3 + 5^1 + 10^0 + 19^2 &= 13 + 13 + 51 + 100 + 192 & 369 &:= 1^8 + 1^8 + 5^1 + 9^0 + 19^2 &= 18 + 18 + 51 + 90 + 192 \\
 369 &:= 1^3 + 1^7 + 2^6 + 14^1 + 17^2 &= 13 + 17 + 26 + 141 + 172 & 369 &:= 1^8 + 2^4 + 2^4 + 12^1 + 18^2 &= 18 + 24 + 24 + 121 + 182 \\
 369 &:= 1^3 + 2^2 + 6^0 + 7^3 + 20^1 &= 13 + 22 + 60 + 73 + 201 & 369 &:= 1^8 + 2^6 + 8^1 + 10^2 + 14^2 &= 18 + 26 + 81 + 102 + 142 \\
 369 &:= 1^3 + 2^6 + 2^6 + 6^3 + 24^1 &= 13 + 26 + 26 + 63 + 241 & 369 &:= 1^8 + 2^7 + 3^0 + 6^3 + 23^1 &= 18 + 27 + 30 + 63 + 231 \\
 369 &:= 1^3 + 3^2 + 7^3 + 10^0 + 15^1 &= 13 + 32 + 73 + 100 + 151 & 369 &:= 1^8 + 2^8 + 10^2 + 11^0 + 11^1 &= 18 + 28 + 102 + 110 + 111 \\
 369 &:= 1^3 + 4^2 + 7^3 + 8^1 + 16^0 &= 13 + 42 + 73 + 81 + 160 & 369 &:= 1^9 + 2^1 + 2^6 + 13^1 + 17^2 &= 19 + 21 + 26 + 131 + 172 \\
 369 &:= 1^3 + 6^3 + 7^1 + 10^0 + 12^2 &= 13 + 63 + 71 + 100 + 122 & 369 &:= 1^9 + 2^3 + 2^4 + 7^3 + 23^0 &= 19 + 23 + 24 + 73 + 230 \\
 369 &:= 1^4 + 1^6 + 2^6 + 14^1 + 17^2 &= 14 + 16 + 26 + 141 + 172 & 369 &:= 1^9 + 2^4 + 6^3 + 11^2 + 15^1 &= 19 + 24 + 63 + 112 + 151 \\
 369 &:= 1^4 + 2^1 + 2^2 + 12^0 + 19^2 &= 14 + 21 + 22 + 120 + 192 & 369 &:= 1^9 + 2^4 + 8^2 + 12^2 + 12^2 &= 19 + 24 + 82 + 122 + 122 \\
 369 &:= 1^4 + 2^1 + 4^0 + 7^3 + 22^1 &= 14 + 21 + 40 + 73 + 221 & 369 &:= 1^9 + 2^6 + 3^1 + 12^1 + 17^2 &= 19 + 26 + 31 + 121 + 172 \\
 369 &:= 1^4 + 2^1 + 6^0 + 13^2 + 14^2 &= 14 + 21 + 60 + 132 + 142 & 369 &:= 1^9 + 2^6 + 4^1 + 11^1 + 17^2 &= 19 + 26 + 41 + 111 + 172 \\
 369 &:= 1^4 + 2^2 + 2^8 + 3^4 + 27^1 &= 14 + 22 + 28 + 34 + 271 & 369 &:= 1^9 + 2^6 + 5^1 + 10^1 + 17^2 &= 19 + 26 + 51 + 101 + 172 \\
 369 &:= 1^4 + 2^6 + 2^6 + 15^1 + 15^2 &= 14 + 26 + 26 + 151 + 152 & 369 &:= 1^9 + 2^6 + 6^1 + 9^1 + 17^2 &= 19 + 26 + 61 + 91 + 172 \\
 369 &:= 1^4 + 3^1 + 4^0 + 7^3 + 21^1 &= 14 + 31 + 40 + 73 + 211 & 369 &:= 1^9 + 2^6 + 7^1 + 8^1 + 17^2 &= 19 + 26 + 71 + 81 + 172 \\
 369 &:= 1^4 + 4^0 + 4^1 + 7^3 + 20^1 &= 14 + 40 + 41 + 73 + 201 & 369 &:= 1^9 + 2^7 + 3^0 + 14^1 + 15^2 &= 19 + 27 + 30 + 141 + 152 \\
 369 &:= 1^4 + 4^0 + 5^1 + 7^3 + 19^1 &= 14 + 40 + 51 + 73 + 191 & 369 &:= 2^0 + 2^3 + 8^2 + 10^2 + 14^2 &= 20 + 23 + 82 + 102 + 142 \\
 369 &:= 1^4 + 4^0 + 6^1 + 7^3 + 18^1 &= 14 + 40 + 61 + 73 + 181 & 369 &:= 2^0 + 2^4 + 3^3 + 11^0 + 18^2 &= 20 + 24 + 33 + 110 + 182 \\
 369 &:= 1^4 + 4^0 + 6^2 + 7^1 + 18^2 &= 14 + 40 + 62 + 71 + 182 & 369 &:= 2^0 + 2^4 + 6^1 + 11^2 + 15^2 &= 20 + 24 + 61 + 112 + 152
 \end{aligned}$$

$$\begin{aligned}
 369 &:= 2^0 + 3^3 + 8^2 + 9^2 + 14^2 = 20 + 33 + 82 + 92 + 142 \\
 369 &:= 2^1 + 2^1 + 3^5 + 11^2 + 18^0 = 21 + 21 + 35 + 112 + 180 \\
 369 &:= 2^1 + 2^4 + 7^1 + 7^3 + 18^0 = 21 + 24 + 71 + 73 + 180 \\
 369 &:= 2^1 + 2^5 + 4^0 + 10^1 + 18^2 = 21 + 25 + 40 + 101 + 182 \\
 369 &:= 2^1 + 5^2 + 5^3 + 6^3 + 18^0 = 21 + 52 + 53 + 63 + 180 \\
 369 &:= 2^2 + 2^2 + 6^3 + 12^2 + 14^0 = 22 + 22 + 63 + 122 + 140 \\
 369 &:= 2^2 + 2^3 + 6^0 + 10^2 + 16^2 = 22 + 23 + 60 + 102 + 162 \\
 369 &:= 2^2 + 2^3 + 7^3 + 12^0 + 13^1 = 22 + 23 + 73 + 120 + 131 \\
 369 &:= 2^2 + 2^5 + 2^6 + 3^5 + 26^1 = 22 + 25 + 26 + 35 + 261 \\
 369 &:= 2^2 + 3^3 + 6^0 + 9^2 + 16^2 = 22 + 33 + 60 + 92 + 162 \\
 369 &:= 2^2 + 4^4 + 8^1 + 10^2 + 12^0 = 22 + 44 + 81 + 102 + 120 \\
 369 &:= 2^3 + 2^4 + 2^8 + 4^3 + 25^1 = 23 + 24 + 28 + 43 + 251 \\
 369 &:= 2^3 + 3^2 + 7^3 + 8^1 + 16^0 = 23 + 32 + 73 + 81 + 160 \\
 369 &:= 2^3 + 3^3 + 4^0 + 9^1 + 18^2 = 23 + 33 + 40 + 91 + 182 \\
 369 &:= 2^3 + 4^0 + 5^3 + 10^1 + 15^2 = 23 + 40 + 53 + 101 + 152 \\
 369 &:= 2^3 + 4^3 + 6^0 + 7^1 + 17^2 = 23 + 43 + 60 + 71 + 172 \\
 369 &:= 2^4 + 2^5 + 2^6 + 4^4 + 25^0 = 24 + 25 + 26 + 44 + 250 \\
 369 &:= 2^4 + 2^5 + 2^8 + 8^2 + 21^0 = 24 + 25 + 28 + 82 + 210 \\
 369 &:= 2^4 + 3^0 + 3^3 + 10^0 + 18^2 = 24 + 30 + 33 + 100 + 182 \\
 369 &:= 2^4 + 3^1 + 5^2 + 8^0 + 18^2 = 24 + 31 + 52 + 80 + 182 \\
 369 &:= 2^4 + 3^1 + 6^1 + 7^3 + 18^0 = 24 + 31 + 61 + 73 + 180 \\
 369 &:= 2^4 + 3^3 + 4^0 + 9^0 + 18^2 = 24 + 33 + 40 + 90 + 182 \\
 369 &:= 2^4 + 3^3 + 5^0 + 8^0 + 18^2 = 24 + 33 + 50 + 80 + 182 \\
 369 &:= 2^4 + 3^3 + 6^0 + 7^0 + 18^2 = 24 + 33 + 60 + 70 + 182 \\
 369 &:= 2^4 + 4^1 + 5^1 + 7^3 + 18^0 = 24 + 41 + 51 + 73 + 180 \\
 369 &:= 2^5 + 3^1 + 4^0 + 9^1 + 18^2 = 25 + 31 + 40 + 91 + 182
 \end{aligned}$$

$$\begin{aligned}
 369 &:= 2^5 + 4^0 + 4^1 + 8^1 + 18^2 = 25 + 40 + 41 + 81 + 182 \\
 369 &:= 2^5 + 4^0 + 5^1 + 7^1 + 18^2 = 25 + 40 + 51 + 71 + 182 \\
 369 &:= 2^5 + 4^0 + 6^1 + 6^1 + 18^2 = 25 + 40 + 61 + 61 + 182 \\
 369 &:= 2^6 + 2^6 + 3^4 + 12^2 + 16^1 = 26 + 26 + 34 + 122 + 161 \\
 369 &:= 2^6 + 2^8 + 3^2 + 4^2 + 24^1 = 26 + 28 + 32 + 42 + 241 \\
 369 &:= 3^1 + 3^2 + 4^4 + 10^2 + 16^0 = 31 + 32 + 44 + 102 + 160 \\
 369 &:= 3^2 + 3^2 + 5^3 + 10^0 + 15^2 = 32 + 32 + 53 + 100 + 152 \\
 369 &:= 3^2 + 4^0 + 5^3 + 6^3 + 18^1 = 32 + 40 + 53 + 63 + 181 \\
 369 &:= 3^3 + 4^0 + 4^2 + 10^2 + 15^2 = 33 + 40 + 42 + 102 + 152 \\
 369 &:= 3^3 + 4^0 + 6^2 + 7^2 + 16^2 = 33 + 40 + 62 + 72 + 162 \\
 369 &:= 3^3 + 4^1 + 6^3 + 11^2 + 12^0 = 33 + 41 + 63 + 112 + 120 \\
 369 &:= 3^3 + 4^2 + 6^0 + 6^2 + 17^2 = 33 + 42 + 60 + 62 + 172 \\
 369 &:= 3^4 + 5^2 + 6^0 + 6^1 + 16^2 = 34 + 52 + 60 + 61 + 162 \\
 369 &:= 4^0 + 4^2 + 4^3 + 12^2 + 12^2 = 40 + 42 + 43 + 122 + 122 \\
 369 &:= 4^0 + 4^2 + 4^4 + 9^2 + 15^1 = 40 + 42 + 44 + 92 + 151 \\
 369 &:= 4^0 + 4^3 + 5^3 + 10^1 + 13^2 = 40 + 43 + 53 + 101 + 132 \\
 369 &:= 4^0 + 4^4 + 7^2 + 7^2 + 14^1 = 40 + 44 + 72 + 72 + 141 \\
 369 &:= 4^0 + 5^3 + 9^2 + 9^2 + 9^2 = 40 + 53 + 92 + 92 + 92 \\
 369 &:= 4^2 + 5^3 + 6^3 + 10^0 + 11^1 = 42 + 53 + 63 + 100 + 111 \\
 369 &:= 4^2 + 6^2 + 6^3 + 10^0 + 10^2 = 42 + 62 + 63 + 100 + 102 \\
 369 &:= 4^3 + 6^3 + 7^1 + 9^2 + 10^0 = 43 + 63 + 71 + 92 + 100 \\
 369 &:= 4^4 + 5^2 + 6^1 + 9^2 + 12^0 = 44 + 52 + 61 + 92 + 120 \\
 369 &:= 4^4 + 6^0 + 6^2 + 8^2 + 12^1 = 44 + 60 + 62 + 82 + 121 \\
 369 &:= 5^2 + 5^3 + 6^0 + 7^2 + 13^2 = 52 + 53 + 60 + 72 + 132
 \end{aligned}$$

2.2.271 Number 370

$$\begin{aligned}
 370 &:= 1^1 + 2^6 + 16^1 + 17^2 = 11 + 26 + 161 + 172 \\
 370 &:= 1^2 + 3^5 + 5^3 + 27^0 = 12 + 35 + 53 + 270 \\
 370 &:= 1^5 + 5^2 + 7^3 + 23^0 = 15 + 52 + 73 + 230 \\
 370 &:= 1^6 + 3^0 + 7^3 + 25^1 = 16 + 30 + 73 + 251 \\
 370 &:= 1^7 + 7^1 + 9^0 + 19^2 = 17 + 71 + 90 + 192 \\
 370 &:= 2^1 + 2^6 + 15^1 + 17^2 = 21 + 26 + 151 + 172 \\
 370 &:= 2^4 + 6^3 + 11^2 + 17^1 = 24 + 63 + 112 + 171 \\
 370 &:= 2^5 + 6^3 + 11^2 + 17^0 = 25 + 63 + 112 + 170 \\
 370 &:= 2^6 + 3^1 + 14^1 + 17^2 = 26 + 31 + 141 + 172 \\
 370 &:= 2^6 + 4^1 + 13^1 + 17^2 = 26 + 41 + 131 + 172
 \end{aligned}$$

$$\begin{aligned}
 370 &:= 2^6 + 4^2 + 13^0 + 17^2 = 26 + 42 + 130 + 172 \\
 370 &:= 2^6 + 5^1 + 12^1 + 17^2 = 26 + 51 + 121 + 172 \\
 370 &:= 2^6 + 6^1 + 11^1 + 17^2 = 26 + 61 + 111 + 172 \\
 370 &:= 2^6 + 7^1 + 10^1 + 17^2 = 26 + 71 + 101 + 172 \\
 370 &:= 2^6 + 7^2 + 11^0 + 16^2 = 26 + 72 + 110 + 162 \\
 370 &:= 2^6 + 8^1 + 9^1 + 17^2 = 26 + 81 + 91 + 172 \\
 370 &:= 2^7 + 3^0 + 15^2 + 16^1 = 27 + 30 + 152 + 161 \\
 370 &:= 1^0 + 1^1 + 2^6 + 15^1 + 17^2 = 10 + 11 + 26 + 151 + 172 \\
 370 &:= 1^0 + 1^6 + 3^0 + 7^3 + 24^1 = 10 + 16 + 30 + 73 + 241 \\
 370 &:= 1^0 + 1^7 + 6^1 + 9^0 + 19^2 = 10 + 17 + 61 + 90 + 192
 \end{aligned}$$

$$\begin{aligned} 370 &:= 1^0 + 2^1 + 2^6 + 14^1 + 17^2 = 10 + 21 + 26 + 141 + 172 & 370 &:= 1^3 + 5^2 + 6^1 + 7^2 + 17^2 = 13 + 52 + 61 + 72 + 172 \\ 370 &:= 1^0 + 2^4 + 6^3 + 11^2 + 16^1 = 10 + 24 + 63 + 112 + 161 & 370 &:= 1^4 + 2^2 + 5^0 + 7^3 + 21^1 = 14 + 22 + 50 + 73 + 211 \\ 370 &:= 1^0 + 2^6 + 3^1 + 13^1 + 17^2 = 10 + 26 + 31 + 131 + 172 & 370 &:= 1^4 + 3^2 + 7^3 + 9^0 + 16^1 = 14 + 32 + 73 + 90 + 161 \\ 370 &:= 1^0 + 2^6 + 4^1 + 12^1 + 17^2 = 10 + 26 + 41 + 121 + 172 & 370 &:= 1^4 + 4^2 + 7^3 + 9^1 + 15^0 = 14 + 42 + 73 + 91 + 150 \\ 370 &:= 1^0 + 2^6 + 5^1 + 11^1 + 17^2 = 10 + 26 + 51 + 111 + 172 & 370 &:= 1^4 + 6^3 + 8^1 + 9^0 + 12^2 = 14 + 63 + 81 + 90 + 122 \\ 370 &:= 1^0 + 2^6 + 6^1 + 10^1 + 17^2 = 10 + 26 + 61 + 101 + 172 & 370 &:= 1^5 + 2^1 + 3^0 + 7^3 + 23^1 = 15 + 21 + 30 + 73 + 231 \\ 370 &:= 1^0 + 2^6 + 7^1 + 9^1 + 17^2 = 10 + 26 + 71 + 91 + 172 & 370 &:= 1^5 + 2^2 + 3^1 + 11^0 + 19^2 = 15 + 22 + 31 + 110 + 192 \\ 370 &:= 1^0 + 2^6 + 8^1 + 8^1 + 17^2 = 10 + 26 + 81 + 81 + 172 & 370 &:= 1^5 + 3^0 + 3^1 + 7^3 + 22^1 = 15 + 30 + 31 + 73 + 221 \\ 370 &:= 1^0 + 2^7 + 3^0 + 15^1 + 15^2 = 10 + 27 + 30 + 151 + 152 & 370 &:= 1^5 + 3^0 + 4^1 + 7^3 + 21^1 = 15 + 30 + 41 + 73 + 211 \\ 370 &:= 1^1 + 1^5 + 3^0 + 7^3 + 24^1 = 11 + 15 + 30 + 73 + 241 & 370 &:= 1^5 + 3^0 + 5^1 + 7^3 + 20^1 = 15 + 30 + 51 + 73 + 201 \\ 370 &:= 1^1 + 1^6 + 6^1 + 9^0 + 19^2 = 11 + 16 + 61 + 90 + 192 & 370 &:= 1^5 + 3^0 + 6^1 + 7^3 + 19^1 = 15 + 30 + 61 + 73 + 191 \\ 370 &:= 1^1 + 2^2 + 3^5 + 11^2 + 19^0 = 11 + 22 + 35 + 112 + 190 & 370 &:= 1^5 + 3^0 + 6^2 + 8^1 + 18^2 = 15 + 30 + 62 + 81 + 182 \\ 370 &:= 1^1 + 2^4 + 3^2 + 7^3 + 23^0 = 11 + 24 + 32 + 73 + 230 & 370 &:= 1^5 + 3^0 + 7^1 + 7^3 + 18^1 = 15 + 30 + 71 + 73 + 181 \\ 370 &:= 1^1 + 2^4 + 7^1 + 11^2 + 15^2 = 11 + 24 + 71 + 112 + 152 & 370 &:= 1^5 + 3^0 + 7^3 + 10^1 + 15^1 = 15 + 30 + 73 + 101 + 151 \\ 370 &:= 1^1 + 3^3 + 10^2 + 11^2 + 11^2 = 11 + 33 + 102 + 112 + 112 & 370 &:= 1^5 + 3^0 + 7^3 + 11^1 + 14^1 = 15 + 30 + 73 + 111 + 141 \\ 370 &:= 1^1 + 3^3 + 5^3 + 6^3 + 21^0 = 11 + 33 + 53 + 63 + 210 & 370 &:= 1^5 + 3^0 + 7^3 + 12^1 + 13^1 = 15 + 30 + 73 + 121 + 131 \\ 370 &:= 1^1 + 3^5 + 5^2 + 10^2 + 17^0 = 11 + 35 + 52 + 102 + 170 & 370 &:= 1^5 + 3^0 + 7^3 + 8^1 + 17^1 = 15 + 30 + 73 + 81 + 171 \\ 370 &:= 1^2 + 1^4 + 3^0 + 7^3 + 24^1 = 12 + 14 + 30 + 73 + 241 & 370 &:= 1^5 + 3^0 + 7^3 + 9^1 + 16^1 = 15 + 30 + 73 + 91 + 161 \\ 370 &:= 1^2 + 1^5 + 6^1 + 9^0 + 19^2 = 12 + 15 + 61 + 90 + 192 & 370 &:= 1^5 + 3^1 + 5^0 + 13^2 + 14^2 = 15 + 31 + 50 + 132 + 142 \\ 370 &:= 1^2 + 2^2 + 10^2 + 11^2 + 12^2 = 12 + 22 + 102 + 112 + 122 & 370 &:= 1^6 + 2^0 + 2^0 + 7^3 + 24^1 = 16 + 20 + 20 + 73 + 241 \\ 370 &:= 1^2 + 2^2 + 4^3 + 12^1 + 17^2 = 12 + 22 + 43 + 121 + 172 & 370 &:= 1^6 + 2^1 + 5^1 + 9^0 + 19^2 = 16 + 21 + 51 + 90 + 192 \\ 370 &:= 1^2 + 2^3 + 6^3 + 12^2 + 15^0 = 12 + 23 + 63 + 122 + 150 & 370 &:= 1^6 + 3^1 + 4^1 + 9^0 + 19^2 = 16 + 31 + 41 + 90 + 192 \\ 370 &:= 1^2 + 2^3 + 8^1 + 8^2 + 17^2 = 12 + 23 + 81 + 82 + 172 & 370 &:= 1^7 + 1^9 + 2^0 + 7^3 + 24^1 = 17 + 19 + 20 + 73 + 241 \\ 370 &:= 1^2 + 2^4 + 7^3 + 9^1 + 17^0 = 12 + 24 + 73 + 91 + 170 & 370 &:= 1^7 + 2^0 + 6^1 + 8^0 + 19^2 = 17 + 20 + 61 + 80 + 192 \\ 370 &:= 1^2 + 2^5 + 3^0 + 12^1 + 18^2 = 12 + 25 + 30 + 121 + 182 & 370 &:= 1^7 + 3^0 + 6^1 + 7^0 + 19^2 = 17 + 30 + 61 + 70 + 192 \\ 370 &:= 1^2 + 3^2 + 8^2 + 10^2 + 14^2 = 12 + 32 + 82 + 102 + 142 & 370 &:= 1^7 + 4^0 + 6^0 + 6^1 + 19^2 = 17 + 40 + 60 + 61 + 192 \\ 370 &:= 1^2 + 3^5 + 4^1 + 11^2 + 17^0 = 12 + 35 + 41 + 112 + 170 & 370 &:= 1^7 + 5^0 + 5^0 + 6^1 + 19^2 = 17 + 50 + 50 + 61 + 192 \\ 370 &:= 1^2 + 4^2 + 6^2 + 11^2 + 14^2 = 12 + 42 + 62 + 112 + 142 & 370 &:= 1^8 + 1^8 + 2^0 + 7^3 + 24^1 = 18 + 18 + 20 + 73 + 241 \\ 370 &:= 1^2 + 4^2 + 8^2 + 8^2 + 15^2 = 12 + 42 + 82 + 82 + 152 & 370 &:= 1^8 + 1^9 + 1^9 + 7^3 + 24^1 = 18 + 19 + 19 + 73 + 241 \\ 370 &:= 1^3 + 1^3 + 3^0 + 7^3 + 24^1 = 13 + 13 + 30 + 73 + 241 & 370 &:= 1^8 + 1^9 + 6^1 + 8^0 + 19^2 = 18 + 19 + 61 + 80 + 192 \\ 370 &:= 1^3 + 1^4 + 6^1 + 9^0 + 19^2 = 13 + 14 + 61 + 90 + 192 & 370 &:= 1^9 + 2^0 + 2^7 + 6^3 + 24^1 = 19 + 20 + 27 + 63 + 241 \\ 370 &:= 1^3 + 2^3 + 6^2 + 9^0 + 18^2 = 13 + 23 + 62 + 90 + 182 & 370 &:= 1^9 + 2^8 + 10^0 + 10^2 + 12^1 = 19 + 28 + 100 + 102 + 121 \\ 370 &:= 1^3 + 2^3 + 7^3 + 9^0 + 17^1 = 13 + 23 + 73 + 90 + 171 & 370 &:= 2^0 + 2^0 + 2^7 + 15^1 + 15^2 = 20 + 20 + 27 + 151 + 152 \\ 370 &:= 1^3 + 3^1 + 7^2 + 11^2 + 14^2 = 13 + 31 + 72 + 112 + 142 & 370 &:= 2^1 + 2^3 + 8^2 + 10^2 + 14^2 = 21 + 23 + 82 + 102 + 142 \\ 370 &:= 1^3 + 3^2 + 4^2 + 7^3 + 21^0 = 13 + 32 + 42 + 73 + 210 & 370 &:= 2^1 + 2^4 + 3^3 + 11^0 + 18^2 = 21 + 24 + 33 + 110 + 182 \\ 370 &:= 1^3 + 3^2 + 7^1 + 8^2 + 17^2 = 13 + 32 + 71 + 82 + 172 & 370 &:= 2^1 + 2^4 + 6^1 + 11^2 + 15^2 = 21 + 24 + 61 + 112 + 152 \\ 370 &:= 1^3 + 4^1 + 5^2 + 12^2 + 14^2 = 13 + 41 + 52 + 122 + 142 & 370 &:= 2^1 + 3^3 + 8^2 + 9^2 + 14^2 = 21 + 33 + 82 + 92 + 142 \\ 370 &:= 1^3 + 4^4 + 9^0 + 10^2 + 12^1 = 13 + 44 + 90 + 102 + 121 & 370 &:= 2^2 + 2^2 + 3^3 + 11^1 + 18^2 = 22 + 22 + 33 + 111 + 182 \end{aligned}$$

$$\begin{aligned}
 370 &:= 2^2 + 2^2 + 5^3 + 12^1 + 15^2 = 22 + 22 + 53 + 121 + 152 \\
 370 &:= 2^2 + 2^2 + 7^2 + 12^2 + 13^2 = 22 + 22 + 72 + 122 + 132 \\
 370 &:= 2^2 + 2^3 + 5^2 + 9^1 + 18^2 = 22 + 23 + 52 + 91 + 182 \\
 370 &:= 2^2 + 2^4 + 5^2 + 9^0 + 18^2 = 22 + 24 + 52 + 90 + 182 \\
 370 &:= 2^2 + 2^4 + 6^1 + 7^3 + 19^0 = 22 + 24 + 61 + 73 + 190 \\
 370 &:= 2^2 + 2^5 + 5^0 + 9^1 + 18^2 = 22 + 25 + 50 + 91 + 182 \\
 370 &:= 2^2 + 3^2 + 4^4 + 10^2 + 17^0 = 22 + 32 + 44 + 102 + 170 \\
 370 &:= 2^2 + 4^2 + 5^2 + 10^2 + 15^2 = 22 + 42 + 52 + 102 + 152 \\
 370 &:= 2^2 + 4^2 + 6^3 + 11^2 + 13^1 = 22 + 42 + 63 + 112 + 131 \\
 370 &:= 2^2 + 4^3 + 6^1 + 10^2 + 14^2 = 22 + 43 + 61 + 102 + 142 \\
 370 &:= 2^2 + 5^2 + 6^2 + 7^2 + 16^2 = 22 + 52 + 62 + 72 + 162 \\
 370 &:= 2^2 + 5^3 + 6^2 + 9^1 + 14^2 = 22 + 53 + 62 + 91 + 142 \\
 370 &:= 2^2 + 5^3 + 8^1 + 8^2 + 13^2 = 22 + 53 + 81 + 82 + 132 \\
 370 &:= 2^3 + 2^3 + 7^0 + 8^2 + 17^2 = 23 + 23 + 70 + 82 + 172 \\
 370 &:= 2^3 + 2^3 + 7^3 + 10^1 + 15^0 = 23 + 23 + 73 + 101 + 150 \\
 370 &:= 2^3 + 3^0 + 5^3 + 6^3 + 20^1 = 23 + 30 + 53 + 63 + 201 \\
 370 &:= 2^3 + 3^2 + 3^2 + 7^3 + 21^0 = 23 + 32 + 32 + 73 + 210 \\
 370 &:= 2^3 + 4^4 + 5^1 + 10^2 + 15^0 = 23 + 44 + 51 + 102 + 150 \\
 370 &:= 2^3 + 6^3 + 8^2 + 9^2 + 11^0 = 23 + 63 + 82 + 92 + 110 \\
 370 &:= 2^4 + 2^4 + 2^8 + 3^4 + 26^0 = 24 + 24 + 28 + 34 + 260 \\
 370 &:= 2^4 + 3^0 + 6^2 + 11^2 + 14^2 = 24 + 30 + 62 + 112 + 142 \\
 370 &:= 2^4 + 3^0 + 8^2 + 8^2 + 15^2 = 24 + 30 + 82 + 82 + 152 \\
 370 &:= 2^4 + 3^1 + 5^1 + 11^2 + 15^2 = 24 + 31 + 51 + 112 + 152 \\
 370 &:= 2^4 + 3^1 + 5^3 + 11^0 + 15^2 = 24 + 31 + 53 + 110 + 152
 \end{aligned}$$

$$\begin{aligned}
 370 &:= 2^4 + 4^1 + 4^1 + 11^2 + 15^2 = 24 + 41 + 41 + 112 + 152 \\
 370 &:= 2^4 + 4^2 + 5^0 + 9^2 + 16^2 = 24 + 42 + 50 + 92 + 162 \\
 370 &:= 2^5 + 2^5 + 2^8 + 7^2 + 22^0 = 25 + 25 + 28 + 72 + 220 \\
 370 &:= 2^5 + 2^6 + 2^8 + 12^0 + 17^1 = 25 + 26 + 28 + 120 + 171 \\
 370 &:= 2^5 + 3^2 + 4^1 + 9^0 + 18^2 = 25 + 32 + 41 + 90 + 182 \\
 370 &:= 3^0 + 3^2 + 3^5 + 10^2 + 17^1 = 30 + 32 + 35 + 102 + 171 \\
 370 &:= 3^2 + 4^2 + 5^2 + 8^2 + 16^2 = 32 + 42 + 52 + 82 + 162 \\
 370 &:= 3^3 + 3^4 + 5^1 + 9^0 + 16^2 = 33 + 34 + 51 + 90 + 162 \\
 370 &:= 3^3 + 4^4 + 5^1 + 9^2 + 15^0 = 33 + 44 + 51 + 92 + 150 \\
 370 &:= 3^4 + 4^2 + 4^2 + 9^0 + 16^2 = 34 + 42 + 42 + 90 + 162 \\
 370 &:= 3^4 + 6^3 + 8^1 + 8^2 + 11^0 = 34 + 63 + 81 + 82 + 110 \\
 370 &:= 3^5 + 4^2 + 9^0 + 10^1 + 10^2 = 35 + 42 + 90 + 101 + 102 \\
 370 &:= 3^5 + 5^0 + 7^2 + 8^2 + 13^1 = 35 + 50 + 72 + 82 + 131 \\
 370 &:= 3^5 + 6^2 + 9^0 + 9^1 + 9^2 = 35 + 62 + 90 + 91 + 92 \\
 370 &:= 4^1 + 4^3 + 5^2 + 9^2 + 14^2 = 41 + 43 + 52 + 92 + 142 \\
 370 &:= 4^2 + 4^2 + 4^4 + 9^2 + 15^0 = 42 + 42 + 44 + 92 + 150 \\
 370 &:= 4^2 + 4^3 + 4^3 + 9^0 + 15^2 = 42 + 43 + 43 + 90 + 152 \\
 370 &:= 4^2 + 5^2 + 5^3 + 8^1 + 14^2 = 42 + 52 + 53 + 81 + 142 \\
 370 &:= 4^2 + 6^3 + 8^2 + 8^2 + 10^1 = 42 + 63 + 82 + 82 + 101 \\
 370 &:= 4^3 + 4^4 + 6^2 + 9^0 + 13^1 = 43 + 44 + 62 + 90 + 131 \\
 370 &:= 4^3 + 5^2 + 6^3 + 8^2 + 13^0 = 43 + 52 + 63 + 82 + 130 \\
 370 &:= 4^3 + 5^3 + 6^2 + 9^0 + 12^2 = 43 + 53 + 62 + 90 + 122
 \end{aligned}$$

2.2.272 Number 371

$$\begin{aligned}
 371 &:= 1^6 + 2^3 + 14^0 + 19^2 = 16 + 23 + 140 + 192 \\
 371 &:= 1^7 + 2^0 + 7^3 + 26^1 = 17 + 20 + 73 + 261 \\
 371 &:= 1^7 + 8^0 + 12^2 + 15^2 = 17 + 80 + 122 + 152 \\
 371 &:= 1^8 + 1^9 + 7^3 + 26^1 = 18 + 19 + 73 + 261 \\
 371 &:= 1^8 + 8^0 + 8^1 + 19^2 = 18 + 80 + 81 + 192 \\
 371 &:= 2^0 + 2^7 + 6^3 + 26^1 = 20 + 27 + 63 + 261 \\
 371 &:= 2^7 + 11^2 + 11^2 + 12^0 = 27 + 112 + 112 + 120 \\
 371 &:= 2^8 + 10^0 + 10^2 + 14^1 = 28 + 100 + 102 + 141 \\
 371 &:= 1^0 + 1^3 + 3^5 + 5^3 + 26^0 = 10 + 13 + 35 + 53 + 260 \\
 371 &:= 1^0 + 1^6 + 5^2 + 7^3 + 22^0 = 10 + 16 + 52 + 73 + 220 \\
 371 &:= 1^0 + 1^7 + 2^0 + 7^3 + 25^1 = 10 + 17 + 20 + 73 + 251 \\
 371 &:= 1^0 + 1^8 + 1^9 + 7^3 + 25^1 = 10 + 18 + 19 + 73 + 251
 \end{aligned}$$

$$\begin{aligned}
 371 &:= 1^0 + 1^8 + 7^1 + 8^0 + 19^2 = 10 + 18 + 71 + 80 + 192 \\
 371 &:= 1^0 + 2^0 + 2^7 + 6^3 + 25^1 = 10 + 20 + 27 + 63 + 251 \\
 371 &:= 1^0 + 2^5 + 3^4 + 14^0 + 16^2 = 10 + 25 + 34 + 140 + 162 \\
 371 &:= 1^0 + 2^5 + 4^4 + 9^2 + 20^0 = 10 + 25 + 44 + 92 + 200 \\
 371 &:= 1^0 + 2^7 + 4^2 + 14^0 + 15^2 = 10 + 27 + 42 + 140 + 152 \\
 371 &:= 1^0 + 2^8 + 10^0 + 10^2 + 13^1 = 10 + 28 + 100 + 102 + 131 \\
 371 &:= 1^1 + 1^2 + 3^5 + 5^3 + 26^0 = 11 + 12 + 35 + 53 + 260 \\
 371 &:= 1^1 + 1^5 + 5^2 + 7^3 + 22^0 = 11 + 15 + 52 + 73 + 220 \\
 371 &:= 1^1 + 1^6 + 2^0 + 7^3 + 25^1 = 11 + 16 + 20 + 73 + 251 \\
 371 &:= 1^1 + 1^7 + 1^9 + 7^3 + 25^1 = 11 + 17 + 19 + 73 + 251 \\
 371 &:= 1^1 + 1^7 + 7^1 + 8^0 + 19^2 = 11 + 17 + 71 + 80 + 192 \\
 371 &:= 1^1 + 1^8 + 1^8 + 7^3 + 25^1 = 11 + 18 + 18 + 73 + 251
 \end{aligned}$$

$$\begin{aligned}
 371 &:= 1^1 + 1^9 + 2^7 + 6^3 + 25^1 = 11 + 19 + 27 + 63 + 251 \\
 371 &:= 1^1 + 2^0 + 2^7 + 15^2 + 16^1 = 11 + 20 + 27 + 152 + 161 \\
 371 &:= 1^1 + 2^5 + 6^3 + 11^2 + 16^0 = 11 + 25 + 63 + 112 + 160 \\
 371 &:= 1^1 + 2^6 + 4^2 + 12^0 + 17^2 = 11 + 26 + 42 + 120 + 172 \\
 371 &:= 1^1 + 2^6 + 7^2 + 10^0 + 16^2 = 11 + 26 + 72 + 100 + 162 \\
 371 &:= 1^2 + 1^4 + 5^2 + 7^3 + 22^0 = 12 + 14 + 52 + 73 + 220 \\
 371 &:= 1^2 + 1^5 + 2^0 + 7^3 + 25^1 = 12 + 15 + 20 + 73 + 251 \\
 371 &:= 1^2 + 1^6 + 1^9 + 7^3 + 25^1 = 12 + 16 + 19 + 73 + 251 \\
 371 &:= 1^2 + 1^6 + 7^1 + 8^0 + 19^2 = 12 + 16 + 71 + 80 + 192 \\
 371 &:= 1^2 + 1^7 + 1^8 + 7^3 + 25^1 = 12 + 17 + 18 + 73 + 251 \\
 371 &:= 1^2 + 1^8 + 2^7 + 6^3 + 25^1 = 12 + 18 + 27 + 63 + 251 \\
 371 &:= 1^2 + 1^9 + 2^7 + 15^2 + 16^1 = 12 + 19 + 27 + 152 + 161 \\
 371 &:= 1^2 + 2^4 + 4^3 + 12^0 + 17^2 = 12 + 24 + 43 + 120 + 172 \\
 371 &:= 1^2 + 2^5 + 8^0 + 9^2 + 16^2 = 12 + 25 + 80 + 92 + 162 \\
 371 &:= 1^2 + 4^3 + 4^4 + 7^2 + 20^0 = 12 + 43 + 44 + 72 + 200 \\
 371 &:= 1^3 + 1^3 + 5^2 + 7^3 + 22^0 = 13 + 13 + 52 + 73 + 220 \\
 371 &:= 1^3 + 1^4 + 2^0 + 7^3 + 25^1 = 13 + 14 + 20 + 73 + 251 \\
 371 &:= 1^3 + 1^5 + 1^9 + 7^3 + 25^1 = 13 + 15 + 19 + 73 + 251 \\
 371 &:= 1^3 + 1^5 + 7^1 + 8^0 + 19^2 = 13 + 15 + 71 + 80 + 192 \\
 371 &:= 1^3 + 1^6 + 1^8 + 7^3 + 25^1 = 13 + 16 + 18 + 73 + 251 \\
 371 &:= 1^3 + 1^7 + 1^7 + 7^3 + 25^1 = 13 + 17 + 17 + 73 + 251 \\
 371 &:= 1^3 + 1^7 + 2^7 + 6^3 + 25^1 = 13 + 17 + 27 + 63 + 251 \\
 371 &:= 1^3 + 1^8 + 2^7 + 15^2 + 16^1 = 13 + 18 + 27 + 152 + 161 \\
 371 &:= 1^3 + 2^0 + 2^5 + 13^1 + 18^2 = 13 + 20 + 25 + 131 + 182 \\
 371 &:= 1^3 + 2^0 + 3^5 + 5^3 + 25^0 = 13 + 20 + 35 + 53 + 250 \\
 371 &:= 1^3 + 2^4 + 7^3 + 10^1 + 16^0 = 13 + 24 + 73 + 101 + 160 \\
 371 &:= 1^3 + 2^4 + 8^0 + 8^2 + 17^2 = 13 + 24 + 80 + 82 + 172 \\
 371 &:= 1^3 + 3^0 + 3^5 + 5^3 + 24^0 = 13 + 30 + 35 + 53 + 240 \\
 371 &:= 1^3 + 3^4 + 8^0 + 12^2 + 12^2 = 13 + 34 + 80 + 122 + 122 \\
 371 &:= 1^3 + 3^5 + 4^0 + 5^3 + 23^0 = 13 + 35 + 40 + 53 + 230 \\
 371 &:= 1^3 + 3^5 + 5^0 + 5^3 + 22^0 = 13 + 35 + 50 + 53 + 220 \\
 371 &:= 1^3 + 3^5 + 5^1 + 11^2 + 16^0 = 13 + 35 + 51 + 112 + 160 \\
 371 &:= 1^3 + 3^5 + 5^3 + 10^0 + 17^0 = 13 + 35 + 53 + 100 + 170 \\
 371 &:= 1^3 + 3^5 + 5^3 + 11^0 + 16^0 = 13 + 35 + 53 + 110 + 160 \\
 371 &:= 1^3 + 3^5 + 5^3 + 12^0 + 15^0 = 13 + 35 + 53 + 120 + 150 \\
 371 &:= 1^3 + 3^5 + 5^3 + 13^0 + 14^0 = 13 + 35 + 53 + 130 + 140 \\
 371 &:= 1^3 + 3^5 + 5^3 + 6^0 + 21^0 = 13 + 35 + 53 + 60 + 210 \\
 371 &:= 1^3 + 3^5 + 5^3 + 7^0 + 20^0 = 13 + 35 + 53 + 70 + 200 \\
 371 &:= 1^3 + 3^5 + 5^3 + 8^0 + 19^0 = 13 + 35 + 53 + 80 + 190 \\
 371 &:= 1^3 + 3^5 + 5^3 + 9^0 + 18^0 = 13 + 35 + 53 + 90 + 180 \\
 371 &:= 1^3 + 4^4 + 7^2 + 8^2 + 16^0 = 13 + 44 + 72 + 82 + 160 \\
 371 &:= 1^4 + 1^4 + 1^9 + 7^3 + 25^1 = 14 + 14 + 19 + 73 + 251 \\
 371 &:= 1^4 + 1^4 + 7^1 + 8^0 + 19^2 = 14 + 14 + 71 + 80 + 192 \\
 371 &:= 1^4 + 1^5 + 1^8 + 7^3 + 25^1 = 14 + 15 + 18 + 73 + 251 \\
 371 &:= 1^4 + 1^6 + 1^7 + 7^3 + 25^1 = 14 + 16 + 17 + 73 + 251 \\
 371 &:= 1^4 + 1^6 + 2^7 + 6^3 + 25^1 = 14 + 16 + 27 + 63 + 251 \\
 371 &:= 1^4 + 1^7 + 2^7 + 15^2 + 16^1 = 14 + 17 + 27 + 152 + 161 \\
 371 &:= 1^4 + 1^9 + 2^5 + 13^1 + 18^2 = 14 + 19 + 25 + 131 + 182 \\
 371 &:= 1^4 + 1^9 + 3^5 + 5^3 + 25^0 = 14 + 19 + 35 + 53 + 250 \\
 371 &:= 1^4 + 2^3 + 7^3 + 8^0 + 18^1 = 14 + 23 + 73 + 80 + 181 \\
 371 &:= 1^4 + 2^5 + 2^8 + 3^4 + 27^0 = 14 + 25 + 28 + 34 + 270 \\
 371 &:= 1^4 + 2^6 + 2^8 + 5^2 + 25^1 = 14 + 26 + 28 + 52 + 251 \\
 371 &:= 1^4 + 3^2 + 6^3 + 12^2 + 14^0 = 14 + 32 + 63 + 122 + 140 \\
 371 &:= 1^4 + 4^2 + 4^3 + 10^0 + 17^2 = 14 + 42 + 43 + 100 + 172 \\
 371 &:= 1^4 + 4^3 + 7^2 + 8^0 + 16^2 = 14 + 43 + 72 + 80 + 162 \\
 371 &:= 1^4 + 4^4 + 8^0 + 10^2 + 13^1 = 14 + 44 + 80 + 102 + 131 \\
 371 &:= 1^4 + 5^3 + 8^0 + 10^2 + 12^2 = 14 + 53 + 80 + 102 + 122 \\
 371 &:= 1^5 + 1^5 + 1^7 + 7^3 + 25^1 = 15 + 15 + 17 + 73 + 251 \\
 371 &:= 1^5 + 1^5 + 2^7 + 6^3 + 25^1 = 15 + 15 + 27 + 63 + 251 \\
 371 &:= 1^5 + 1^6 + 1^6 + 7^3 + 25^1 = 15 + 16 + 16 + 73 + 251 \\
 371 &:= 1^5 + 1^6 + 2^7 + 15^2 + 16^1 = 15 + 16 + 27 + 152 + 161 \\
 371 &:= 1^5 + 1^8 + 2^5 + 13^1 + 18^2 = 15 + 18 + 25 + 131 + 182 \\
 371 &:= 1^5 + 1^8 + 3^5 + 5^3 + 25^0 = 15 + 18 + 35 + 53 + 250 \\
 371 &:= 1^5 + 2^0 + 10^2 + 10^2 + 13^2 = 15 + 20 + 102 + 102 + 132 \\
 371 &:= 1^5 + 2^0 + 9^2 + 12^2 + 12^2 = 15 + 20 + 92 + 122 + 122 \\
 371 &:= 1^5 + 2^2 + 2^2 + 12^0 + 19^2 = 15 + 22 + 22 + 120 + 192 \\
 371 &:= 1^5 + 2^2 + 4^0 + 7^3 + 22^1 = 15 + 22 + 40 + 73 + 221 \\
 371 &:= 1^5 + 2^2 + 6^0 + 13^2 + 14^2 = 15 + 22 + 60 + 132 + 142 \\
 371 &:= 1^5 + 2^6 + 2^8 + 7^2 + 23^0 = 15 + 26 + 28 + 72 + 230 \\
 371 &:= 1^5 + 3^2 + 6^2 + 8^0 + 18^2 = 15 + 32 + 62 + 80 + 182 \\
 371 &:= 1^5 + 3^2 + 7^3 + 8^0 + 17^1 = 15 + 32 + 73 + 80 + 171 \\
 371 &:= 1^5 + 4^0 + 7^2 + 8^2 + 16^2 = 15 + 40 + 72 + 82 + 162 \\
 371 &:= 1^5 + 4^2 + 6^0 + 8^2 + 17^2 = 15 + 42 + 60 + 82 + 172 \\
 371 &:= 1^5 + 4^2 + 7^3 + 10^1 + 14^0 = 15 + 42 + 73 + 101 + 140 \\
 371 &:= 1^5 + 6^3 + 8^0 + 9^1 + 12^2 = 15 + 63 + 80 + 91 + 122 \\
 371 &:= 1^6 + 1^7 + 2^5 + 13^1 + 18^2 = 16 + 17 + 25 + 131 + 182
 \end{aligned}$$

$$\begin{aligned} 371 &:= 1^6 + 1^7 + 3^5 + 5^3 + 25^0 = 16 + 17 + 35 + 53 + 250 \\ 371 &:= 1^6 + 1^9 + 10^2 + 10^2 + 13^2 = 16 + 19 + 102 + 102 + 132 \\ 371 &:= 1^6 + 1^9 + 9^2 + 12^2 + 12^2 = 16 + 19 + 92 + 122 + 122 \\ 371 &:= 1^6 + 2^0 + 2^1 + 7^3 + 24^1 = 16 + 20 + 21 + 73 + 241 \\ 371 &:= 1^6 + 2^0 + 3^1 + 7^3 + 23^1 = 16 + 20 + 31 + 73 + 231 \\ 371 &:= 1^6 + 2^0 + 4^1 + 7^3 + 22^1 = 16 + 20 + 41 + 73 + 221 \\ 371 &:= 1^6 + 2^0 + 5^1 + 7^3 + 21^1 = 16 + 20 + 51 + 73 + 211 \\ 371 &:= 1^6 + 2^0 + 5^2 + 7^3 + 21^0 = 16 + 20 + 52 + 73 + 210 \\ 371 &:= 1^6 + 2^0 + 6^1 + 7^3 + 20^1 = 16 + 20 + 61 + 73 + 201 \\ 371 &:= 1^6 + 2^0 + 6^2 + 9^1 + 18^2 = 16 + 20 + 62 + 91 + 182 \\ 371 &:= 1^6 + 2^0 + 7^1 + 7^3 + 19^1 = 16 + 20 + 71 + 73 + 191 \\ 371 &:= 1^6 + 2^0 + 7^3 + 10^1 + 16^1 = 16 + 20 + 73 + 101 + 161 \\ 371 &:= 1^6 + 2^0 + 7^3 + 11^1 + 15^1 = 16 + 20 + 73 + 111 + 151 \\ 371 &:= 1^6 + 2^0 + 7^3 + 12^1 + 14^1 = 16 + 20 + 73 + 121 + 141 \\ 371 &:= 1^6 + 2^0 + 7^3 + 13^1 + 13^1 = 16 + 20 + 73 + 131 + 131 \\ 371 &:= 1^6 + 2^0 + 7^3 + 8^1 + 18^1 = 16 + 20 + 73 + 81 + 181 \\ 371 &:= 1^6 + 2^0 + 7^3 + 9^1 + 17^1 = 16 + 20 + 73 + 91 + 171 \\ 371 &:= 1^6 + 2^2 + 4^1 + 10^0 + 19^2 = 16 + 22 + 41 + 100 + 192 \\ 371 &:= 1^6 + 2^5 + 2^8 + 9^2 + 21^0 = 16 + 25 + 28 + 92 + 210 \\ 371 &:= 1^6 + 3^0 + 5^2 + 7^3 + 20^0 = 16 + 30 + 52 + 73 + 200 \\ 371 &:= 1^6 + 4^0 + 4^1 + 13^2 + 14^2 = 16 + 40 + 41 + 132 + 142 \\ 371 &:= 1^6 + 4^0 + 5^2 + 7^3 + 19^0 = 16 + 40 + 52 + 73 + 190 \\ 371 &:= 1^6 + 5^0 + 5^2 + 7^3 + 18^0 = 16 + 50 + 52 + 73 + 180 \\ 371 &:= 1^6 + 5^2 + 6^0 + 7^3 + 17^0 = 16 + 52 + 60 + 73 + 170 \\ 371 &:= 1^6 + 5^2 + 7^0 + 7^3 + 16^0 = 16 + 52 + 70 + 73 + 160 \\ 371 &:= 1^6 + 5^2 + 7^3 + 10^0 + 13^0 = 16 + 52 + 73 + 100 + 130 \\ 371 &:= 1^6 + 5^2 + 7^3 + 11^0 + 12^0 = 16 + 52 + 73 + 110 + 120 \\ 371 &:= 1^6 + 5^2 + 7^3 + 8^0 + 15^0 = 16 + 52 + 73 + 80 + 150 \\ 371 &:= 1^6 + 5^2 + 7^3 + 9^0 + 14^0 = 16 + 52 + 73 + 90 + 140 \\ 371 &:= 1^7 + 1^8 + 10^2 + 10^2 + 13^2 = 17 + 18 + 102 + 102 + 132 \\ 371 &:= 1^7 + 1^8 + 9^2 + 12^2 + 12^2 = 17 + 18 + 92 + 122 + 122 \\ 371 &:= 1^7 + 1^9 + 2^1 + 7^3 + 24^1 = 17 + 19 + 21 + 73 + 241 \\ 371 &:= 1^7 + 1^9 + 3^1 + 7^3 + 23^1 = 17 + 19 + 31 + 73 + 231 \\ 371 &:= 1^7 + 1^9 + 4^1 + 7^3 + 22^1 = 17 + 19 + 41 + 73 + 221 \\ 371 &:= 1^7 + 1^9 + 5^1 + 7^3 + 21^1 = 17 + 19 + 51 + 73 + 211 \\ 371 &:= 1^7 + 1^9 + 5^2 + 7^3 + 21^0 = 17 + 19 + 52 + 73 + 210 \\ 371 &:= 1^7 + 1^9 + 6^1 + 7^3 + 20^1 = 17 + 19 + 61 + 73 + 201 \\ 371 &:= 1^7 + 1^9 + 6^2 + 9^1 + 18^2 = 17 + 19 + 62 + 91 + 182 \end{aligned}$$

$$\begin{aligned} 371 &:= 1^7 + 1^9 + 7^1 + 7^3 + 19^1 = 17 + 19 + 71 + 73 + 191 \\ 371 &:= 1^7 + 1^9 + 7^3 + 10^1 + 16^1 = 17 + 19 + 73 + 101 + 161 \\ 371 &:= 1^7 + 1^9 + 7^3 + 11^1 + 15^1 = 17 + 19 + 73 + 111 + 151 \\ 371 &:= 1^7 + 1^9 + 7^3 + 12^1 + 14^1 = 17 + 19 + 73 + 121 + 141 \\ 371 &:= 1^7 + 1^9 + 7^3 + 13^1 + 13^1 = 17 + 19 + 73 + 131 + 131 \\ 371 &:= 1^7 + 1^9 + 7^3 + 8^1 + 18^1 = 17 + 19 + 73 + 81 + 181 \\ 371 &:= 1^7 + 1^9 + 7^3 + 9^1 + 17^1 = 17 + 19 + 73 + 91 + 171 \\ 371 &:= 1^7 + 2^1 + 6^1 + 8^0 + 19^2 = 17 + 21 + 61 + 80 + 192 \\ 371 &:= 1^7 + 2^7 + 3^4 + 12^2 + 17^1 = 17 + 27 + 34 + 122 + 171 \\ 371 &:= 1^7 + 3^1 + 5^1 + 8^0 + 19^2 = 17 + 31 + 51 + 80 + 192 \\ 371 &:= 1^7 + 4^1 + 4^1 + 8^0 + 19^2 = 17 + 41 + 41 + 80 + 192 \\ 371 &:= 1^8 + 1^8 + 2^1 + 7^3 + 24^1 = 18 + 18 + 21 + 73 + 241 \\ 371 &:= 1^8 + 1^8 + 3^1 + 7^3 + 23^1 = 18 + 18 + 31 + 73 + 231 \\ 371 &:= 1^8 + 1^8 + 4^1 + 7^3 + 22^1 = 18 + 18 + 41 + 73 + 221 \\ 371 &:= 1^8 + 1^8 + 5^1 + 7^3 + 21^1 = 18 + 18 + 51 + 73 + 211 \\ 371 &:= 1^8 + 1^8 + 5^2 + 7^3 + 21^0 = 18 + 18 + 52 + 73 + 210 \\ 371 &:= 1^8 + 1^8 + 6^1 + 7^3 + 20^1 = 18 + 18 + 61 + 73 + 201 \\ 371 &:= 1^8 + 1^8 + 6^2 + 9^1 + 18^2 = 18 + 18 + 62 + 91 + 182 \\ 371 &:= 1^8 + 1^8 + 7^1 + 7^3 + 19^1 = 18 + 18 + 71 + 73 + 191 \\ 371 &:= 1^8 + 1^8 + 7^3 + 10^1 + 16^1 = 18 + 18 + 73 + 101 + 161 \\ 371 &:= 1^8 + 1^8 + 7^3 + 11^1 + 15^1 = 18 + 18 + 73 + 111 + 151 \\ 371 &:= 1^8 + 1^8 + 7^3 + 12^1 + 14^1 = 18 + 18 + 73 + 121 + 141 \\ 371 &:= 1^8 + 1^8 + 7^3 + 13^1 + 13^1 = 18 + 18 + 73 + 131 + 131 \\ 371 &:= 1^8 + 1^8 + 7^3 + 8^1 + 18^1 = 18 + 18 + 73 + 81 + 181 \\ 371 &:= 1^8 + 1^8 + 7^3 + 9^1 + 17^1 = 18 + 18 + 73 + 91 + 171 \\ 371 &:= 1^8 + 2^0 + 7^0 + 7^1 + 19^2 = 18 + 20 + 70 + 71 + 192 \\ 371 &:= 1^8 + 2^4 + 2^7 + 15^0 + 15^2 = 18 + 24 + 27 + 150 + 152 \\ 371 &:= 1^8 + 2^5 + 3^4 + 4^4 + 25^0 = 18 + 25 + 34 + 44 + 250 \\ 371 &:= 1^8 + 2^7 + 5^3 + 10^2 + 17^1 = 18 + 27 + 53 + 102 + 171 \\ 371 &:= 1^8 + 2^8 + 4^3 + 7^2 + 21^0 = 18 + 28 + 43 + 72 + 210 \\ 371 &:= 1^8 + 3^0 + 6^0 + 7^1 + 19^2 = 18 + 30 + 60 + 71 + 192 \\ 371 &:= 1^8 + 4^0 + 5^0 + 7^1 + 19^2 = 18 + 40 + 50 + 71 + 192 \\ 371 &:= 1^9 + 1^9 + 7^0 + 7^1 + 19^2 = 19 + 19 + 70 + 71 + 192 \\ 371 &:= 1^9 + 2^1 + 2^7 + 6^3 + 24^1 = 19 + 21 + 27 + 63 + 241 \\ 371 &:= 1^9 + 2^3 + 3^4 + 4^4 + 25^1 = 19 + 23 + 34 + 44 + 251 \\ 371 &:= 1^9 + 2^4 + 2^6 + 13^0 + 17^2 = 19 + 24 + 26 + 130 + 172 \\ 371 &:= 1^9 + 2^6 + 4^4 + 7^2 + 21^0 = 19 + 26 + 44 + 72 + 210 \\ 371 &:= 1^9 + 2^7 + 3^1 + 6^3 + 23^1 = 19 + 27 + 31 + 63 + 231 \end{aligned}$$

$$\begin{aligned}
 371 &:= 1^9 + 2^7 + 4^1 + 6^3 + 22^1 = 19 + 27 + 41 + 63 + 221 \\
 371 &:= 1^9 + 2^7 + 5^1 + 6^3 + 21^1 = 19 + 27 + 51 + 63 + 211 \\
 371 &:= 1^9 + 2^7 + 5^2 + 6^3 + 21^0 = 19 + 27 + 52 + 63 + 210 \\
 371 &:= 1^9 + 2^7 + 6^1 + 6^3 + 20^1 = 19 + 27 + 61 + 63 + 201 \\
 371 &:= 1^9 + 2^7 + 6^3 + 10^1 + 16^1 = 19 + 27 + 63 + 101 + 161 \\
 371 &:= 1^9 + 2^7 + 6^3 + 11^1 + 15^1 = 19 + 27 + 63 + 111 + 151 \\
 371 &:= 1^9 + 2^7 + 6^3 + 12^1 + 14^1 = 19 + 27 + 63 + 121 + 141 \\
 371 &:= 1^9 + 2^7 + 6^3 + 13^1 + 13^1 = 19 + 27 + 63 + 131 + 131 \\
 371 &:= 1^9 + 2^7 + 6^3 + 7^1 + 19^1 = 19 + 27 + 63 + 71 + 191 \\
 371 &:= 1^9 + 2^7 + 6^3 + 8^1 + 18^1 = 19 + 27 + 63 + 81 + 181 \\
 371 &:= 1^9 + 2^7 + 6^3 + 9^1 + 17^1 = 19 + 27 + 63 + 91 + 171 \\
 371 &:= 1^9 + 2^8 + 7^2 + 8^2 + 17^0 = 19 + 28 + 72 + 82 + 170 \\
 371 &:= 2^0 + 2^1 + 2^7 + 15^1 + 15^2 = 20 + 21 + 27 + 151 + 152 \\
 371 &:= 2^0 + 2^2 + 2^6 + 13^1 + 17^2 = 20 + 22 + 26 + 131 + 172 \\
 371 &:= 2^0 + 2^3 + 3^5 + 10^2 + 19^1 = 20 + 23 + 35 + 102 + 191 \\
 371 &:= 2^0 + 2^5 + 3^4 + 13^0 + 16^2 = 20 + 25 + 34 + 130 + 162 \\
 371 &:= 2^0 + 2^5 + 4^4 + 9^2 + 19^0 = 20 + 25 + 44 + 92 + 190 \\
 371 &:= 2^0 + 2^7 + 3^1 + 14^1 + 15^2 = 20 + 27 + 31 + 141 + 152 \\
 371 &:= 2^0 + 2^7 + 4^1 + 13^1 + 15^2 = 20 + 27 + 41 + 131 + 152 \\
 371 &:= 2^0 + 2^7 + 4^2 + 13^0 + 15^2 = 20 + 27 + 42 + 130 + 152 \\
 371 &:= 2^0 + 2^7 + 5^1 + 12^1 + 15^2 = 20 + 27 + 51 + 121 + 152 \\
 371 &:= 2^0 + 2^7 + 6^1 + 11^1 + 15^2 = 20 + 27 + 61 + 111 + 152 \\
 371 &:= 2^0 + 2^7 + 7^1 + 10^1 + 15^2 = 20 + 27 + 71 + 101 + 152 \\
 371 &:= 2^0 + 2^7 + 8^1 + 9^1 + 15^2 = 20 + 27 + 81 + 91 + 152 \\
 371 &:= 2^0 + 2^8 + 9^0 + 10^2 + 13^1 = 20 + 28 + 90 + 102 + 131 \\
 371 &:= 2^0 + 3^2 + 3^4 + 4^4 + 24^1 = 20 + 32 + 34 + 44 + 241 \\
 371 &:= 2^0 + 3^3 + 3^5 + 9^2 + 19^1 = 20 + 33 + 35 + 92 + 191 \\
 371 &:= 2^0 + 3^3 + 4^3 + 4^4 + 23^1 = 20 + 33 + 43 + 44 + 231 \\
 371 &:= 2^2 + 2^4 + 5^3 + 12^0 + 15^2 = 22 + 24 + 53 + 120 + 152 \\
 371 &:= 2^3 + 2^4 + 3^1 + 7^3 + 22^0 = 23 + 24 + 31 + 73 + 220 \\
 371 &:= 2^3 + 2^4 + 6^0 + 11^2 + 15^2 = 23 + 24 + 60 + 112 + 152 \\
 371 &:= 2^3 + 2^5 + 6^1 + 8^0 + 18^2 = 23 + 25 + 61 + 80 + 182 \\
 371 &:= 2^3 + 3^4 + 5^2 + 10^0 + 16^2 = 23 + 34 + 52 + 100 + 162 \\
 371 &:= 2^3 + 4^4 + 5^2 + 9^2 + 16^0 = 23 + 44 + 52 + 92 + 160 \\
 371 &:= 2^4 + 2^6 + 2^8 + 3^2 + 26^1 = 24 + 26 + 28 + 32 + 261 \\
 371 &:= 2^4 + 4^0 + 4^4 + 9^2 + 17^1 = 24 + 40 + 44 + 92 + 171 \\
 371 &:= 2^4 + 4^3 + 6^0 + 11^2 + 13^2 = 24 + 43 + 60 + 112 + 132 \\
 371 &:= 2^4 + 5^3 + 6^3 + 10^0 + 13^1 = 24 + 53 + 63 + 100 + 131
 \end{aligned}$$

$$\begin{aligned}
 371 &:= 2^5 + 3^0 + 3^4 + 12^0 + 16^2 = 25 + 30 + 34 + 120 + 162 \\
 371 &:= 2^5 + 3^0 + 4^4 + 9^2 + 18^0 = 25 + 30 + 44 + 92 + 180 \\
 371 &:= 2^5 + 3^4 + 4^0 + 11^0 + 16^2 = 25 + 34 + 40 + 110 + 162 \\
 371 &:= 2^5 + 3^4 + 5^0 + 10^0 + 16^2 = 25 + 34 + 50 + 100 + 162 \\
 371 &:= 2^5 + 3^4 + 6^0 + 9^0 + 16^2 = 25 + 34 + 60 + 90 + 162 \\
 371 &:= 2^5 + 3^4 + 7^0 + 8^0 + 16^2 = 25 + 34 + 70 + 80 + 162 \\
 371 &:= 2^5 + 4^0 + 4^4 + 9^2 + 17^0 = 25 + 40 + 44 + 92 + 170 \\
 371 &:= 2^5 + 4^0 + 5^2 + 12^2 + 13^2 = 25 + 40 + 52 + 122 + 132 \\
 371 &:= 2^5 + 4^0 + 7^2 + 8^2 + 15^2 = 25 + 40 + 72 + 82 + 152 \\
 371 &:= 2^5 + 4^4 + 5^0 + 9^2 + 16^0 = 25 + 44 + 50 + 92 + 160 \\
 371 &:= 2^5 + 4^4 + 6^0 + 9^2 + 15^0 = 25 + 44 + 60 + 92 + 150 \\
 371 &:= 2^5 + 4^4 + 7^0 + 9^2 + 14^0 = 25 + 44 + 70 + 92 + 140 \\
 371 &:= 2^5 + 4^4 + 8^0 + 9^2 + 13^0 = 25 + 44 + 80 + 92 + 130 \\
 371 &:= 2^5 + 4^4 + 9^0 + 9^2 + 12^0 = 25 + 44 + 90 + 92 + 120 \\
 371 &:= 2^5 + 4^4 + 9^2 + 10^0 + 11^0 = 25 + 44 + 92 + 100 + 110 \\
 371 &:= 2^6 + 3^2 + 6^0 + 8^1 + 17^2 = 26 + 32 + 60 + 81 + 172 \\
 371 &:= 2^7 + 2^7 + 3^2 + 3^4 + 25^1 = 27 + 27 + 32 + 34 + 251 \\
 371 &:= 2^7 + 2^7 + 3^3 + 4^3 + 24^1 = 27 + 27 + 33 + 43 + 241 \\
 371 &:= 2^7 + 3^0 + 4^2 + 12^0 + 15^2 = 27 + 30 + 42 + 120 + 152 \\
 371 &:= 2^7 + 4^0 + 4^2 + 11^0 + 15^2 = 27 + 40 + 42 + 110 + 152 \\
 371 &:= 2^7 + 4^2 + 5^0 + 10^0 + 15^2 = 27 + 42 + 50 + 100 + 152 \\
 371 &:= 2^7 + 4^2 + 6^0 + 9^0 + 15^2 = 27 + 42 + 60 + 90 + 152 \\
 371 &:= 2^7 + 4^2 + 7^0 + 8^0 + 15^2 = 27 + 42 + 70 + 80 + 152 \\
 371 &:= 2^8 + 3^0 + 8^0 + 10^2 + 13^1 = 28 + 30 + 80 + 102 + 131 \\
 371 &:= 2^8 + 4^0 + 7^0 + 10^2 + 13^1 = 28 + 40 + 70 + 102 + 131 \\
 371 &:= 2^8 + 5^0 + 6^0 + 10^2 + 13^1 = 28 + 50 + 60 + 102 + 131 \\
 371 &:= 3^2 + 3^4 + 6^3 + 8^2 + 16^0 = 32 + 34 + 63 + 82 + 160 \\
 371 &:= 3^3 + 3^3 + 3^3 + 10^0 + 17^2 = 33 + 33 + 33 + 100 + 172 \\
 371 &:= 3^3 + 3^3 + 6^3 + 10^2 + 14^0 = 33 + 33 + 63 + 102 + 140 \\
 371 &:= 3^4 + 3^4 + 4^0 + 12^1 + 14^2 = 34 + 34 + 40 + 121 + 142 \\
 371 &:= 3^4 + 4^2 + 4^4 + 8^0 + 17^1 = 34 + 42 + 44 + 80 + 171 \\
 371 &:= 3^4 + 4^3 + 6^3 + 9^1 + 14^0 = 34 + 43 + 63 + 91 + 140 \\
 371 &:= 3^4 + 4^3 + 8^0 + 9^2 + 12^2 = 34 + 43 + 80 + 92 + 122 \\
 371 &:= 3^4 + 4^4 + 5^2 + 8^1 + 16^0 = 34 + 44 + 52 + 81 + 160 \\
 371 &:= 3^4 + 5^3 + 8^2 + 10^0 + 10^2 = 34 + 53 + 82 + 100 + 102 \\
 371 &:= 3^5 + 4^3 + 7^2 + 8^0 + 14^1 = 35 + 43 + 72 + 80 + 141 \\
 371 &:= 4^3 + 4^4 + 5^2 + 5^2 + 18^0 = 43 + 44 + 52 + 52 + 180
 \end{aligned}$$

2.2.273 Number 372

$372 := 1^8 + 7^3 + 28^1$	$= 18 + 73 + 281$	$372 := 2^7 + 6^3 + 11^1 + 17^1$	$= 27 + 63 + 111 + 171$
$372 := 2^7 + 3^5 + 31^0$	$= 27 + 35 + 310$	$372 := 2^7 + 6^3 + 12^1 + 16^1$	$= 27 + 63 + 121 + 161$
$372 := 1^0 + 1^8 + 7^3 + 27^1$	$= 10 + 18 + 73 + 271$	$372 := 2^7 + 6^3 + 13^1 + 15^1$	$= 27 + 63 + 131 + 151$
$372 := 1^1 + 1^7 + 7^3 + 27^1$	$= 11 + 17 + 73 + 271$	$372 := 2^7 + 6^3 + 14^1 + 14^1$	$= 27 + 63 + 141 + 141$
$372 := 1^1 + 2^7 + 6^3 + 27^1$	$= 11 + 27 + 63 + 271$	$372 := 2^7 + 6^3 + 7^1 + 21^1$	$= 27 + 63 + 71 + 211$
$372 := 1^2 + 1^6 + 7^3 + 27^1$	$= 12 + 16 + 73 + 271$	$372 := 2^7 + 6^3 + 8^1 + 20^1$	$= 27 + 63 + 81 + 201$
$372 := 1^2 + 2^7 + 15^2 + 18^1$	$= 12 + 27 + 152 + 181$	$372 := 2^7 + 6^3 + 9^1 + 19^1$	$= 27 + 63 + 91 + 191$
$372 := 1^3 + 1^5 + 7^3 + 27^1$	$= 13 + 15 + 73 + 271$	$372 := 1^0 + 1^0 + 1^8 + 7^3 + 26^1$	$= 10 + 10 + 18 + 73 + 261$
$372 := 1^4 + 1^4 + 7^3 + 27^1$	$= 14 + 14 + 73 + 271$	$372 := 1^0 + 1^1 + 1^7 + 7^3 + 26^1$	$= 10 + 11 + 17 + 73 + 261$
$372 := 1^4 + 2^5 + 15^1 + 18^2$	$= 14 + 25 + 151 + 182$	$372 := 1^0 + 1^1 + 2^7 + 6^3 + 26^1$	$= 10 + 11 + 27 + 63 + 261$
$372 := 1^6 + 3^3 + 7^3 + 25^0$	$= 16 + 33 + 73 + 250$	$372 := 1^0 + 1^2 + 1^6 + 7^3 + 26^1$	$= 10 + 12 + 16 + 73 + 261$
$372 := 1^6 + 3^4 + 15^0 + 17^2$	$= 16 + 34 + 150 + 172$	$372 := 1^0 + 1^2 + 2^7 + 15^2 + 17^1$	$= 10 + 12 + 27 + 152 + 171$
$372 := 1^7 + 2^1 + 7^3 + 26^1$	$= 17 + 21 + 73 + 261$	$372 := 1^0 + 1^3 + 1^5 + 7^3 + 26^1$	$= 10 + 13 + 15 + 73 + 261$
$372 := 1^7 + 3^1 + 7^3 + 25^1$	$= 17 + 31 + 73 + 251$	$372 := 1^0 + 1^4 + 1^4 + 7^3 + 26^1$	$= 10 + 14 + 14 + 73 + 261$
$372 := 1^7 + 4^1 + 7^3 + 24^1$	$= 17 + 41 + 73 + 241$	$372 := 1^0 + 1^4 + 2^5 + 14^1 + 18^2$	$= 10 + 14 + 25 + 141 + 182$
$372 := 1^7 + 5^1 + 7^3 + 23^1$	$= 17 + 51 + 73 + 231$	$372 := 1^0 + 1^7 + 2^1 + 7^3 + 25^1$	$= 10 + 17 + 21 + 73 + 251$
$372 := 1^7 + 6^1 + 7^3 + 22^1$	$= 17 + 61 + 73 + 221$	$372 := 1^0 + 1^7 + 2^3 + 13^0 + 19^2$	$= 10 + 17 + 23 + 130 + 192$
$372 := 1^7 + 6^2 + 11^1 + 18^2$	$= 17 + 62 + 111 + 182$	$372 := 1^0 + 1^7 + 3^1 + 7^3 + 24^1$	$= 10 + 17 + 31 + 73 + 241$
$372 := 1^7 + 7^1 + 7^3 + 21^1$	$= 17 + 71 + 73 + 211$	$372 := 1^0 + 1^7 + 4^1 + 7^3 + 23^1$	$= 10 + 17 + 41 + 73 + 231$
$372 := 1^7 + 7^3 + 10^1 + 18^1$	$= 17 + 73 + 101 + 181$	$372 := 1^0 + 1^7 + 5^1 + 7^3 + 22^1$	$= 10 + 17 + 51 + 73 + 221$
$372 := 1^7 + 7^3 + 11^1 + 17^1$	$= 17 + 73 + 111 + 171$	$372 := 1^0 + 1^7 + 6^1 + 7^3 + 21^1$	$= 10 + 17 + 61 + 73 + 211$
$372 := 1^7 + 7^3 + 12^1 + 16^1$	$= 17 + 73 + 121 + 161$	$372 := 1^0 + 1^7 + 6^2 + 10^1 + 18^2$	$= 10 + 17 + 62 + 101 + 182$
$372 := 1^7 + 7^3 + 13^1 + 15^1$	$= 17 + 73 + 131 + 151$	$372 := 1^0 + 1^7 + 7^1 + 7^3 + 20^1$	$= 10 + 17 + 71 + 73 + 201$
$372 := 1^7 + 7^3 + 14^1 + 14^1$	$= 17 + 73 + 141 + 141$	$372 := 1^0 + 1^7 + 7^3 + 10^1 + 17^1$	$= 10 + 17 + 73 + 101 + 171$
$372 := 1^7 + 7^3 + 8^1 + 20^1$	$= 17 + 73 + 81 + 201$	$372 := 1^0 + 1^7 + 7^3 + 11^1 + 16^1$	$= 10 + 17 + 73 + 111 + 161$
$372 := 1^7 + 7^3 + 9^1 + 19^1$	$= 17 + 73 + 91 + 191$	$372 := 1^0 + 1^7 + 7^3 + 12^1 + 15^1$	$= 10 + 17 + 73 + 121 + 151$
$372 := 1^8 + 3^2 + 13^0 + 19^2$	$= 18 + 32 + 130 + 192$	$372 := 1^0 + 1^7 + 7^3 + 13^1 + 14^1$	$= 10 + 17 + 73 + 131 + 141$
$372 := 1^8 + 9^0 + 9^2 + 17^2$	$= 18 + 90 + 92 + 172$	$372 := 1^0 + 1^7 + 7^3 + 8^1 + 19^1$	$= 10 + 17 + 73 + 81 + 191$
$372 := 1^9 + 7^0 + 9^1 + 19^2$	$= 19 + 70 + 91 + 192$	$372 := 1^0 + 1^7 + 7^3 + 9^1 + 18^1$	$= 10 + 17 + 73 + 91 + 181$
$372 := 2^1 + 2^7 + 6^3 + 26^1$	$= 21 + 27 + 63 + 261$	$372 := 1^0 + 1^8 + 7^0 + 12^2 + 15^2$	$= 10 + 18 + 70 + 122 + 152$
$372 := 2^3 + 3^4 + 4^4 + 27^1$	$= 23 + 34 + 44 + 271$	$372 := 1^0 + 1^9 + 7^0 + 8^1 + 19^2$	$= 10 + 19 + 70 + 81 + 192$
$372 := 2^7 + 3^1 + 6^3 + 25^1$	$= 27 + 31 + 63 + 251$	$372 := 1^0 + 2^1 + 2^7 + 6^3 + 25^1$	$= 10 + 21 + 27 + 63 + 251$
$372 := 2^7 + 4^1 + 6^3 + 24^1$	$= 27 + 41 + 63 + 241$	$372 := 1^0 + 2^3 + 3^4 + 4^4 + 26^1$	$= 10 + 23 + 34 + 44 + 261$
$372 := 2^7 + 5^1 + 6^3 + 23^1$	$= 27 + 51 + 63 + 231$	$372 := 1^0 + 2^6 + 3^4 + 15^0 + 15^2$	$= 10 + 26 + 34 + 150 + 152$
$372 := 2^7 + 6^1 + 6^3 + 22^1$	$= 27 + 61 + 63 + 221$	$372 := 1^0 + 2^7 + 3^1 + 6^3 + 24^1$	$= 10 + 27 + 31 + 63 + 241$
$372 := 2^7 + 6^3 + 10^1 + 18^1$	$= 27 + 63 + 101 + 181$	$372 := 1^0 + 2^7 + 4^1 + 6^3 + 23^1$	$= 10 + 27 + 41 + 63 + 231$

$$\begin{aligned} 372 &:= 1^0 + 2^7 + 5^1 + 6^3 + 22^1 = 10 + 27 + 51 + 63 + 221 \\ 372 &:= 1^0 + 2^7 + 6^1 + 6^3 + 21^1 = 10 + 27 + 61 + 63 + 211 \\ 372 &:= 1^0 + 2^7 + 6^3 + 10^1 + 17^1 = 10 + 27 + 63 + 101 + 171 \\ 372 &:= 1^0 + 2^7 + 6^3 + 11^1 + 16^1 = 10 + 27 + 63 + 111 + 161 \\ 372 &:= 1^0 + 2^7 + 6^3 + 12^1 + 15^1 = 10 + 27 + 63 + 121 + 151 \\ 372 &:= 1^0 + 2^7 + 6^3 + 13^1 + 14^1 = 10 + 27 + 63 + 131 + 141 \\ 372 &:= 1^0 + 2^7 + 6^3 + 7^1 + 20^1 = 10 + 27 + 63 + 71 + 201 \\ 372 &:= 1^0 + 2^7 + 6^3 + 8^1 + 19^1 = 10 + 27 + 63 + 81 + 191 \\ 372 &:= 1^0 + 2^7 + 6^3 + 9^1 + 18^1 = 10 + 27 + 63 + 91 + 181 \\ 372 &:= 1^1 + 1^1 + 1^6 + 7^3 + 26^1 = 11 + 11 + 16 + 73 + 261 \\ 372 &:= 1^1 + 1^1 + 2^7 + 15^2 + 17^1 = 11 + 11 + 27 + 152 + 171 \\ 372 &:= 1^1 + 1^2 + 1^5 + 7^3 + 26^1 = 11 + 12 + 15 + 73 + 261 \\ 372 &:= 1^1 + 1^3 + 1^4 + 7^3 + 26^1 = 11 + 13 + 14 + 73 + 261 \\ 372 &:= 1^1 + 1^3 + 2^5 + 14^1 + 18^2 = 11 + 13 + 25 + 141 + 182 \\ 372 &:= 1^1 + 1^6 + 2^1 + 7^3 + 25^1 = 11 + 16 + 21 + 73 + 251 \\ 372 &:= 1^1 + 1^6 + 2^3 + 13^0 + 19^2 = 11 + 16 + 23 + 130 + 192 \\ 372 &:= 1^1 + 1^6 + 3^1 + 7^3 + 24^1 = 11 + 16 + 31 + 73 + 241 \\ 372 &:= 1^1 + 1^6 + 4^1 + 7^3 + 23^1 = 11 + 16 + 41 + 73 + 231 \\ 372 &:= 1^1 + 1^6 + 5^1 + 7^3 + 22^1 = 11 + 16 + 51 + 73 + 221 \\ 372 &:= 1^1 + 1^6 + 6^1 + 7^3 + 21^1 = 11 + 16 + 61 + 73 + 211 \\ 372 &:= 1^1 + 1^6 + 6^2 + 10^1 + 18^2 = 11 + 16 + 62 + 101 + 182 \\ 372 &:= 1^1 + 1^6 + 7^1 + 7^3 + 20^1 = 11 + 16 + 71 + 73 + 201 \\ 372 &:= 1^1 + 1^6 + 7^3 + 10^1 + 17^1 = 11 + 16 + 73 + 101 + 171 \\ 372 &:= 1^1 + 1^6 + 7^3 + 11^1 + 16^1 = 11 + 16 + 73 + 111 + 161 \\ 372 &:= 1^1 + 1^6 + 7^3 + 12^1 + 15^1 = 11 + 16 + 73 + 121 + 151 \\ 372 &:= 1^1 + 1^6 + 7^3 + 13^1 + 14^1 = 11 + 16 + 73 + 131 + 141 \\ 372 &:= 1^1 + 1^6 + 7^3 + 8^1 + 19^1 = 11 + 16 + 73 + 81 + 191 \\ 372 &:= 1^1 + 1^6 + 7^3 + 9^1 + 18^1 = 11 + 16 + 73 + 91 + 181 \\ 372 &:= 1^1 + 1^6 + 7^3 + 12^1 + 15^1 = 11 + 16 + 73 + 121 + 151 \\ 372 &:= 1^1 + 1^6 + 7^3 + 13^1 + 14^1 = 11 + 16 + 73 + 131 + 141 \\ 372 &:= 1^1 + 1^6 + 7^3 + 8^1 + 19^1 = 11 + 16 + 73 + 81 + 191 \\ 372 &:= 1^1 + 1^6 + 7^3 + 9^1 + 18^1 = 11 + 16 + 73 + 91 + 181 \\ 372 &:= 1^1 + 1^7 + 7^0 + 12^2 + 15^2 = 11 + 17 + 70 + 122 + 152 \\ 372 &:= 1^1 + 1^8 + 7^0 + 8^1 + 19^2 = 11 + 18 + 70 + 81 + 192 \\ 372 &:= 1^1 + 2^1 + 2^7 + 15^2 + 16^1 = 11 + 21 + 27 + 152 + 161 \\ 372 &:= 1^1 + 2^2 + 2^6 + 14^1 + 17^2 = 11 + 22 + 26 + 141 + 172 \\ 372 &:= 1^1 + 2^3 + 3^5 + 10^2 + 20^1 = 11 + 23 + 35 + 102 + 201 \\ 372 &:= 1^1 + 2^7 + 11^0 + 11^2 + 11^2 = 11 + 27 + 110 + 112 + 112 \\ 372 &:= 1^1 + 2^7 + 3^1 + 15^1 + 15^2 = 11 + 27 + 31 + 151 + 152 \\ 372 &:= 1^1 + 2^7 + 4^1 + 14^1 + 15^2 = 11 + 27 + 41 + 141 + 152 \\ 372 &:= 1^1 + 2^7 + 5^1 + 13^1 + 15^2 = 11 + 27 + 51 + 131 + 152 \\ 372 &:= 1^1 + 2^7 + 6^1 + 12^1 + 15^2 = 11 + 27 + 61 + 121 + 152 \\ 372 &:= 1^1 + 2^7 + 7^1 + 11^1 + 15^2 = 11 + 27 + 71 + 111 + 152 \\ 372 &:= 1^1 + 2^7 + 8^1 + 10^1 + 15^2 = 11 + 27 + 81 + 101 + 152 \\ 372 &:= 1^1 + 2^7 + 9^1 + 9^1 + 15^2 = 11 + 27 + 91 + 91 + 152 \\ 372 &:= 1^1 + 2^8 + 9^0 + 10^2 + 14^1 = 11 + 28 + 90 + 102 + 141 \\ 372 &:= 1^1 + 3^2 + 3^4 + 4^4 + 25^1 = 11 + 32 + 34 + 44 + 251 \\ 372 &:= 1^1 + 3^3 + 3^5 + 9^2 + 20^1 = 11 + 33 + 35 + 92 + 201 \\ 372 &:= 1^1 + 3^3 + 4^3 + 4^4 + 24^1 = 11 + 33 + 43 + 44 + 241 \\ 372 &:= 1^2 + 1^2 + 1^4 + 7^3 + 26^1 = 12 + 12 + 14 + 73 + 261 \\ 372 &:= 1^2 + 1^2 + 2^5 + 14^1 + 18^2 = 12 + 12 + 25 + 141 + 182 \\ 372 &:= 1^2 + 1^3 + 1^3 + 7^3 + 26^1 = 12 + 13 + 13 + 73 + 261 \\ 372 &:= 1^2 + 1^5 + 2^1 + 7^3 + 25^1 = 12 + 15 + 21 + 73 + 251 \\ 372 &:= 1^2 + 1^5 + 2^3 + 13^0 + 19^2 = 12 + 15 + 23 + 130 + 192 \\ 372 &:= 1^2 + 1^5 + 3^1 + 7^3 + 24^1 = 12 + 15 + 31 + 73 + 241 \\ 372 &:= 1^2 + 1^5 + 4^1 + 7^3 + 23^1 = 12 + 15 + 41 + 73 + 231 \\ 372 &:= 1^2 + 1^5 + 5^1 + 7^3 + 22^1 = 12 + 15 + 51 + 73 + 221 \\ 372 &:= 1^2 + 1^5 + 6^1 + 7^3 + 21^1 = 12 + 15 + 61 + 73 + 211 \\ 372 &:= 1^2 + 1^5 + 6^2 + 10^1 + 18^2 = 12 + 15 + 62 + 101 + 182 \\ 372 &:= 1^2 + 1^5 + 7^1 + 7^3 + 20^1 = 12 + 15 + 71 + 73 + 201 \\ 372 &:= 1^2 + 1^5 + 7^3 + 10^1 + 17^1 = 12 + 15 + 73 + 101 + 171 \\ 372 &:= 1^2 + 1^5 + 7^3 + 11^1 + 16^1 = 12 + 15 + 73 + 111 + 161 \\ 372 &:= 1^2 + 1^5 + 7^3 + 12^1 + 15^1 = 12 + 15 + 73 + 121 + 151 \\ 372 &:= 1^2 + 1^5 + 7^3 + 13^1 + 14^1 = 12 + 15 + 73 + 131 + 141 \\ 372 &:= 1^2 + 1^5 + 7^3 + 8^1 + 19^1 = 12 + 15 + 73 + 81 + 191 \\ 372 &:= 1^2 + 1^5 + 7^3 + 9^1 + 18^1 = 12 + 15 + 73 + 91 + 181 \\ 372 &:= 1^2 + 1^6 + 7^0 + 12^2 + 15^2 = 12 + 16 + 70 + 122 + 152 \\ 372 &:= 1^2 + 1^7 + 7^0 + 8^1 + 19^2 = 12 + 17 + 70 + 81 + 192 \\ 372 &:= 1^2 + 2^3 + 5^3 + 6^3 + 22^1 = 12 + 23 + 53 + 63 + 221 \\ 372 &:= 1^2 + 2^6 + 9^0 + 9^2 + 15^2 = 12 + 26 + 90 + 92 + 152 \\ 372 &:= 1^2 + 3^2 + 3^5 + 10^2 + 19^1 = 12 + 32 + 35 + 102 + 191 \\ 372 &:= 1^2 + 3^3 + 3^5 + 10^2 + 19^0 = 12 + 33 + 35 + 102 + 190 \\ 372 &:= 1^3 + 1^4 + 2^1 + 7^3 + 25^1 = 13 + 14 + 21 + 73 + 251 \\ 372 &:= 1^3 + 1^4 + 2^3 + 13^0 + 19^2 = 13 + 14 + 23 + 130 + 192 \\ 372 &:= 1^3 + 1^4 + 3^1 + 7^3 + 24^1 = 13 + 14 + 31 + 73 + 241 \\ 372 &:= 1^3 + 1^4 + 4^1 + 7^3 + 23^1 = 13 + 14 + 41 + 73 + 231 \\ 372 &:= 1^3 + 1^4 + 5^1 + 7^3 + 22^1 = 13 + 14 + 51 + 73 + 221 \\ 372 &:= 1^3 + 1^4 + 6^1 + 7^3 + 21^1 = 13 + 14 + 61 + 73 + 211 \\ 372 &:= 1^3 + 1^4 + 6^2 + 10^1 + 18^2 = 13 + 14 + 62 + 101 + 182 \\ 372 &:= 1^3 + 1^4 + 7^1 + 7^3 + 20^1 = 13 + 14 + 71 + 73 + 201 \end{aligned}$$

$$\begin{aligned} 372 &:= 1^3 + 1^4 + 7^3 + 10^1 + 17^1 = 13 + 14 + 73 + 101 + 171 \\ 372 &:= 1^3 + 1^4 + 7^3 + 11^1 + 16^1 = 13 + 14 + 73 + 111 + 161 \\ 372 &:= 1^3 + 1^4 + 7^3 + 12^1 + 15^1 = 13 + 14 + 73 + 121 + 151 \\ 372 &:= 1^3 + 1^4 + 7^3 + 13^1 + 14^1 = 13 + 14 + 73 + 131 + 141 \\ 372 &:= 1^3 + 1^4 + 7^3 + 8^1 + 19^1 = 13 + 14 + 73 + 81 + 191 \\ 372 &:= 1^3 + 1^4 + 7^3 + 9^1 + 18^1 = 13 + 14 + 73 + 91 + 181 \\ 372 &:= 1^3 + 1^5 + 7^0 + 12^2 + 15^2 = 13 + 15 + 70 + 122 + 152 \\ 372 &:= 1^3 + 1^6 + 7^0 + 8^1 + 19^2 = 13 + 16 + 70 + 81 + 192 \\ 372 &:= 1^3 + 2^1 + 2^5 + 13^1 + 18^2 = 13 + 21 + 25 + 131 + 182 \\ 372 &:= 1^3 + 2^1 + 3^5 + 5^3 + 25^0 = 13 + 21 + 35 + 53 + 250 \\ 372 &:= 1^3 + 2^3 + 11^2 + 11^2 + 11^2 = 13 + 23 + 112 + 112 + 112 \\ 372 &:= 1^3 + 2^3 + 3^3 + 12^1 + 18^2 = 13 + 23 + 33 + 121 + 182 \\ 372 &:= 1^3 + 2^3 + 5^3 + 13^1 + 15^2 = 13 + 23 + 53 + 131 + 152 \\ 372 &:= 1^3 + 2^5 + 3^1 + 12^1 + 18^2 = 13 + 25 + 31 + 121 + 182 \\ 372 &:= 1^3 + 2^5 + 4^1 + 11^1 + 18^2 = 13 + 25 + 41 + 111 + 182 \\ 372 &:= 1^3 + 2^5 + 5^1 + 10^1 + 18^2 = 13 + 25 + 51 + 101 + 182 \\ 372 &:= 1^3 + 2^5 + 6^1 + 9^1 + 18^2 = 13 + 25 + 61 + 91 + 182 \\ 372 &:= 1^3 + 2^5 + 7^0 + 13^2 + 13^2 = 13 + 25 + 70 + 132 + 132 \\ 372 &:= 1^3 + 2^5 + 7^1 + 8^1 + 18^2 = 13 + 25 + 71 + 81 + 182 \\ 372 &:= 1^3 + 2^5 + 7^2 + 9^0 + 17^2 = 13 + 25 + 72 + 90 + 172 \\ 372 &:= 1^3 + 3^2 + 5^3 + 6^3 + 21^1 = 13 + 32 + 53 + 63 + 211 \\ 372 &:= 1^3 + 3^3 + 10^2 + 10^2 + 12^2 = 13 + 33 + 102 + 102 + 122 \\ 372 &:= 1^3 + 3^4 + 4^3 + 13^0 + 15^2 = 13 + 34 + 43 + 130 + 152 \\ 372 &:= 1^3 + 4^2 + 4^4 + 9^2 + 18^1 = 13 + 42 + 44 + 92 + 181 \\ 372 &:= 1^3 + 4^3 + 5^3 + 13^1 + 13^2 = 13 + 43 + 53 + 131 + 132 \\ 372 &:= 1^3 + 4^4 + 7^2 + 7^2 + 17^1 = 13 + 44 + 72 + 72 + 171 \\ 372 &:= 1^4 + 1^4 + 7^0 + 12^2 + 15^2 = 14 + 14 + 70 + 122 + 152 \\ 372 &:= 1^4 + 1^5 + 7^0 + 8^1 + 19^2 = 14 + 15 + 70 + 81 + 192 \\ 372 &:= 1^4 + 2^3 + 7^1 + 10^2 + 16^2 = 14 + 23 + 71 + 102 + 162 \\ 372 &:= 1^4 + 2^4 + 7^3 + 11^1 + 15^0 = 14 + 24 + 73 + 111 + 150 \\ 372 &:= 1^4 + 3^2 + 3^3 + 11^1 + 18^2 = 14 + 32 + 33 + 111 + 182 \\ 372 &:= 1^4 + 3^2 + 5^3 + 12^1 + 15^2 = 14 + 32 + 53 + 121 + 152 \\ 372 &:= 1^4 + 3^2 + 7^2 + 12^2 + 13^2 = 14 + 32 + 72 + 122 + 132 \\ 372 &:= 1^4 + 3^3 + 6^1 + 13^2 + 13^2 = 14 + 33 + 61 + 132 + 132 \\ 372 &:= 1^4 + 3^3 + 7^1 + 9^2 + 16^2 = 14 + 33 + 71 + 92 + 162 \\ 372 &:= 1^4 + 3^4 + 8^2 + 9^0 + 15^2 = 14 + 34 + 82 + 90 + 152 \\ 372 &:= 1^4 + 3^5 + 6^1 + 11^2 + 15^0 = 14 + 35 + 61 + 112 + 150 \\ 372 &:= 1^4 + 4^2 + 7^2 + 9^2 + 15^2 = 14 + 42 + 72 + 92 + 152 \end{aligned}$$

$$\begin{aligned} 372 &:= 1^5 + 2^1 + 10^2 + 10^2 + 13^2 = 15 + 21 + 102 + 102 + 132 \\ 372 &:= 1^5 + 2^1 + 9^2 + 12^2 + 12^2 = 15 + 21 + 92 + 122 + 122 \\ 372 &:= 1^5 + 2^3 + 7^0 + 7^3 + 19^1 = 15 + 23 + 70 + 73 + 191 \\ 372 &:= 1^5 + 3^2 + 6^1 + 10^2 + 16^2 = 15 + 32 + 61 + 102 + 162 \\ 372 &:= 1^5 + 4^3 + 7^0 + 9^2 + 15^2 = 15 + 43 + 70 + 92 + 152 \\ 372 &:= 1^5 + 4^4 + 7^0 + 10^2 + 14^1 = 15 + 44 + 70 + 102 + 141 \\ 372 &:= 1^5 + 5^3 + 7^2 + 9^0 + 14^2 = 15 + 53 + 72 + 90 + 142 \\ 372 &:= 1^6 + 2^1 + 2^1 + 7^3 + 24^1 = 16 + 21 + 21 + 73 + 241 \\ 372 &:= 1^6 + 2^1 + 3^1 + 7^3 + 23^1 = 16 + 21 + 31 + 73 + 231 \\ 372 &:= 1^6 + 2^1 + 4^1 + 7^3 + 22^1 = 16 + 21 + 41 + 73 + 221 \\ 372 &:= 1^6 + 2^1 + 5^1 + 7^3 + 21^1 = 16 + 21 + 51 + 73 + 211 \\ 372 &:= 1^6 + 2^1 + 5^2 + 7^3 + 21^0 = 16 + 21 + 52 + 73 + 210 \\ 372 &:= 1^6 + 2^1 + 6^1 + 7^3 + 20^1 = 16 + 21 + 61 + 73 + 201 \\ 372 &:= 1^6 + 2^1 + 6^2 + 9^1 + 18^2 = 16 + 21 + 62 + 91 + 182 \\ 372 &:= 1^6 + 2^1 + 7^1 + 7^3 + 19^1 = 16 + 21 + 71 + 73 + 191 \\ 372 &:= 1^6 + 2^1 + 7^3 + 10^1 + 16^1 = 16 + 21 + 73 + 101 + 161 \\ 372 &:= 1^6 + 2^1 + 7^3 + 11^1 + 15^1 = 16 + 21 + 73 + 111 + 151 \\ 372 &:= 1^6 + 2^1 + 7^3 + 12^1 + 14^1 = 16 + 21 + 73 + 121 + 141 \\ 372 &:= 1^6 + 2^1 + 7^3 + 13^1 + 13^1 = 16 + 21 + 73 + 131 + 131 \\ 372 &:= 1^6 + 2^1 + 7^3 + 8^1 + 18^1 = 16 + 21 + 73 + 81 + 181 \\ 372 &:= 1^6 + 2^1 + 7^3 + 9^1 + 17^1 = 16 + 21 + 73 + 91 + 171 \\ 372 &:= 1^6 + 2^2 + 3^0 + 7^3 + 23^1 = 16 + 22 + 30 + 73 + 231 \\ 372 &:= 1^6 + 3^0 + 8^2 + 9^2 + 15^2 = 16 + 30 + 82 + 92 + 152 \\ 372 &:= 1^6 + 3^1 + 3^1 + 7^3 + 22^1 = 16 + 31 + 31 + 73 + 221 \\ 372 &:= 1^6 + 3^1 + 4^1 + 7^3 + 21^1 = 16 + 31 + 41 + 73 + 211 \\ 372 &:= 1^6 + 3^1 + 5^1 + 7^3 + 20^1 = 16 + 31 + 51 + 73 + 201 \\ 372 &:= 1^6 + 3^1 + 6^1 + 7^3 + 19^1 = 16 + 31 + 61 + 73 + 191 \\ 372 &:= 1^6 + 3^1 + 6^2 + 8^1 + 18^2 = 16 + 31 + 62 + 81 + 182 \\ 372 &:= 1^6 + 3^1 + 7^1 + 7^3 + 18^1 = 16 + 31 + 71 + 73 + 181 \\ 372 &:= 1^6 + 3^1 + 7^3 + 10^1 + 15^1 = 16 + 31 + 73 + 101 + 151 \\ 372 &:= 1^6 + 3^1 + 7^3 + 11^1 + 14^1 = 16 + 31 + 73 + 111 + 141 \\ 372 &:= 1^6 + 3^1 + 7^3 + 12^1 + 13^1 = 16 + 31 + 73 + 121 + 131 \\ 372 &:= 1^6 + 3^1 + 7^3 + 8^1 + 17^1 = 16 + 31 + 73 + 81 + 171 \\ 372 &:= 1^6 + 3^1 + 7^3 + 9^1 + 16^1 = 16 + 31 + 73 + 91 + 161 \\ 372 &:= 1^6 + 3^2 + 7^0 + 7^3 + 18^1 = 16 + 32 + 70 + 73 + 181 \\ 372 &:= 1^6 + 4^1 + 4^1 + 7^3 + 20^1 = 16 + 41 + 41 + 73 + 201 \\ 372 &:= 1^6 + 4^1 + 5^1 + 7^3 + 19^1 = 16 + 41 + 51 + 73 + 191 \\ 372 &:= 1^6 + 4^1 + 6^1 + 7^3 + 18^1 = 16 + 41 + 61 + 73 + 181 \end{aligned}$$

$$\begin{aligned} 372 &:= 1^6 + 4^1 + 6^2 + 7^1 + 18^2 = 16 + 41 + 62 + 71 + 182 \\ 372 &:= 1^6 + 4^1 + 7^1 + 7^3 + 17^1 = 16 + 41 + 71 + 73 + 171 \\ 372 &:= 1^6 + 4^1 + 7^3 + 10^1 + 14^1 = 16 + 41 + 73 + 101 + 141 \\ 372 &:= 1^6 + 4^1 + 7^3 + 11^1 + 13^1 = 16 + 41 + 73 + 111 + 131 \\ 372 &:= 1^6 + 4^1 + 7^3 + 12^1 + 12^1 = 16 + 41 + 73 + 121 + 121 \\ 372 &:= 1^6 + 4^1 + 7^3 + 8^1 + 16^1 = 16 + 41 + 73 + 81 + 161 \\ 372 &:= 1^6 + 4^1 + 7^3 + 9^1 + 15^1 = 16 + 41 + 73 + 91 + 151 \\ 372 &:= 1^6 + 4^2 + 7^3 + 11^1 + 13^0 = 16 + 42 + 73 + 111 + 130 \\ 372 &:= 1^6 + 5^1 + 5^1 + 7^3 + 18^1 = 16 + 51 + 51 + 73 + 181 \\ 372 &:= 1^6 + 5^1 + 6^1 + 6^2 + 18^2 = 16 + 51 + 61 + 62 + 182 \\ 372 &:= 1^6 + 5^1 + 6^1 + 7^3 + 17^1 = 16 + 51 + 61 + 73 + 171 \\ 372 &:= 1^6 + 5^1 + 7^1 + 7^3 + 16^1 = 16 + 51 + 71 + 73 + 161 \\ 372 &:= 1^6 + 5^1 + 7^3 + 10^1 + 13^1 = 16 + 51 + 73 + 101 + 131 \\ 372 &:= 1^6 + 5^1 + 7^3 + 11^1 + 12^1 = 16 + 51 + 73 + 111 + 121 \\ 372 &:= 1^6 + 5^1 + 7^3 + 8^1 + 15^1 = 16 + 51 + 73 + 81 + 151 \\ 372 &:= 1^6 + 5^1 + 7^3 + 9^1 + 14^1 = 16 + 51 + 73 + 91 + 141 \\ 372 &:= 1^6 + 6^1 + 6^1 + 7^3 + 16^1 = 16 + 61 + 61 + 73 + 161 \\ 372 &:= 1^6 + 6^1 + 7^1 + 7^3 + 15^1 = 16 + 61 + 71 + 73 + 151 \\ 372 &:= 1^6 + 6^1 + 7^3 + 10^1 + 12^1 = 16 + 61 + 73 + 101 + 121 \\ 372 &:= 1^6 + 6^1 + 7^3 + 11^1 + 11^1 = 16 + 61 + 73 + 111 + 111 \\ 372 &:= 1^6 + 6^1 + 7^3 + 8^1 + 14^1 = 16 + 61 + 73 + 81 + 141 \\ 372 &:= 1^6 + 6^1 + 7^3 + 9^1 + 13^1 = 16 + 61 + 73 + 91 + 131 \\ 372 &:= 1^6 + 6^3 + 7^0 + 10^1 + 12^2 = 16 + 63 + 70 + 101 + 122 \\ 372 &:= 1^6 + 7^1 + 7^1 + 7^3 + 14^1 = 16 + 71 + 71 + 73 + 141 \\ 372 &:= 1^6 + 7^1 + 7^3 + 10^1 + 11^1 = 16 + 71 + 73 + 101 + 111 \\ 372 &:= 1^6 + 7^1 + 7^3 + 8^1 + 13^1 = 16 + 71 + 73 + 81 + 131 \\ 372 &:= 1^6 + 7^1 + 7^3 + 9^1 + 12^1 = 16 + 71 + 73 + 91 + 121 \\ 372 &:= 1^6 + 7^3 + 8^1 + 10^1 + 10^1 = 16 + 73 + 81 + 101 + 101 \\ 372 &:= 1^6 + 7^3 + 8^1 + 8^1 + 12^1 = 16 + 73 + 81 + 81 + 121 \\ 372 &:= 1^6 + 7^3 + 8^1 + 9^1 + 11^1 = 16 + 73 + 81 + 91 + 111 \\ 372 &:= 1^6 + 7^3 + 9^1 + 9^1 + 10^1 = 16 + 73 + 91 + 91 + 101 \\ 372 &:= 1^7 + 2^0 + 2^3 + 12^0 + 19^2 = 17 + 20 + 23 + 120 + 192 \\ 372 &:= 1^7 + 2^2 + 5^1 + 9^0 + 19^2 = 17 + 22 + 51 + 90 + 192 \\ 372 &:= 1^7 + 2^3 + 3^0 + 11^0 + 19^2 = 17 + 23 + 30 + 110 + 192 \\ 372 &:= 1^7 + 2^3 + 4^0 + 10^0 + 19^2 = 17 + 23 + 40 + 100 + 192 \\ 372 &:= 1^7 + 2^3 + 5^0 + 9^0 + 19^2 = 17 + 23 + 50 + 90 + 192 \\ 372 &:= 1^7 + 2^3 + 6^0 + 8^0 + 19^2 = 17 + 23 + 60 + 80 + 192 \\ 372 &:= 1^7 + 2^3 + 7^0 + 7^0 + 19^2 = 17 + 23 + 70 + 70 + 192 \end{aligned}$$

$$\begin{aligned} 372 &:= 1^7 + 3^0 + 5^1 + 13^2 + 14^2 = 17 + 30 + 51 + 132 + 142 \\ 372 &:= 1^8 + 1^9 + 2^3 + 12^0 + 19^2 = 18 + 19 + 23 + 120 + 192 \\ 372 &:= 1^8 + 2^0 + 6^0 + 12^2 + 15^2 = 18 + 20 + 60 + 122 + 152 \\ 372 &:= 1^8 + 2^1 + 7^0 + 7^1 + 19^2 = 18 + 21 + 70 + 71 + 192 \\ 372 &:= 1^8 + 3^0 + 5^0 + 12^2 + 15^2 = 18 + 30 + 50 + 122 + 152 \\ 372 &:= 1^8 + 3^1 + 6^1 + 7^0 + 19^2 = 18 + 31 + 61 + 70 + 192 \\ 372 &:= 1^8 + 4^0 + 4^0 + 12^2 + 15^2 = 18 + 40 + 40 + 122 + 152 \\ 372 &:= 1^8 + 4^1 + 5^1 + 7^0 + 19^2 = 18 + 41 + 51 + 70 + 192 \\ 372 &:= 1^9 + 1^9 + 6^0 + 12^2 + 15^2 = 19 + 19 + 60 + 122 + 152 \\ 372 &:= 1^9 + 2^0 + 6^0 + 8^1 + 19^2 = 19 + 20 + 60 + 81 + 192 \\ 372 &:= 1^9 + 3^0 + 5^0 + 8^1 + 19^2 = 19 + 30 + 50 + 81 + 192 \\ 372 &:= 1^9 + 4^0 + 4^0 + 8^1 + 19^2 = 19 + 40 + 40 + 81 + 192 \\ 372 &:= 2^0 + 2^6 + 3^4 + 14^0 + 15^2 = 20 + 26 + 34 + 140 + 152 \\ 372 &:= 2^1 + 2^1 + 2^7 + 15^1 + 15^2 = 21 + 21 + 27 + 151 + 152 \\ 372 &:= 2^1 + 2^2 + 2^6 + 13^1 + 17^2 = 21 + 22 + 26 + 131 + 172 \\ 372 &:= 2^1 + 2^3 + 3^5 + 10^2 + 19^1 = 21 + 23 + 35 + 102 + 191 \\ 372 &:= 2^1 + 2^5 + 3^4 + 13^0 + 16^2 = 21 + 25 + 34 + 130 + 162 \\ 372 &:= 2^1 + 2^5 + 4^4 + 9^2 + 19^0 = 21 + 25 + 44 + 92 + 190 \\ 372 &:= 2^1 + 2^7 + 3^1 + 14^1 + 15^2 = 21 + 27 + 31 + 141 + 152 \\ 372 &:= 2^1 + 2^7 + 4^1 + 13^1 + 15^2 = 21 + 27 + 41 + 131 + 152 \\ 372 &:= 2^1 + 2^7 + 4^2 + 13^0 + 15^2 = 21 + 27 + 42 + 130 + 152 \\ 372 &:= 2^1 + 2^7 + 5^1 + 12^1 + 15^2 = 21 + 27 + 51 + 121 + 152 \\ 372 &:= 2^1 + 2^7 + 6^1 + 11^1 + 15^2 = 21 + 27 + 61 + 111 + 152 \\ 372 &:= 2^1 + 2^7 + 7^1 + 10^1 + 15^2 = 21 + 27 + 71 + 101 + 152 \\ 372 &:= 2^1 + 2^7 + 8^1 + 9^1 + 15^2 = 21 + 27 + 81 + 91 + 152 \\ 372 &:= 2^1 + 2^8 + 9^0 + 10^2 + 13^1 = 21 + 28 + 90 + 102 + 131 \\ 372 &:= 2^1 + 3^2 + 3^4 + 4^4 + 24^1 = 21 + 32 + 34 + 44 + 241 \\ 372 &:= 2^1 + 3^3 + 3^5 + 9^2 + 19^1 = 21 + 33 + 35 + 92 + 191 \\ 372 &:= 2^1 + 3^3 + 4^3 + 4^4 + 23^1 = 21 + 33 + 43 + 44 + 231 \\ 372 &:= 2^2 + 2^3 + 2^4 + 7^3 + 23^0 = 22 + 23 + 24 + 73 + 230 \\ 372 &:= 2^2 + 2^4 + 6^3 + 11^2 + 15^1 = 22 + 24 + 63 + 112 + 151 \\ 372 &:= 2^2 + 2^4 + 8^2 + 12^2 + 12^2 = 22 + 24 + 82 + 122 + 122 \\ 372 &:= 2^2 + 2^6 + 3^1 + 12^1 + 17^2 = 22 + 26 + 31 + 121 + 172 \\ 372 &:= 2^2 + 2^6 + 4^1 + 11^1 + 17^2 = 22 + 26 + 41 + 111 + 172 \\ 372 &:= 2^2 + 2^6 + 5^1 + 10^1 + 17^2 = 22 + 26 + 51 + 101 + 172 \\ 372 &:= 2^2 + 2^6 + 6^1 + 9^1 + 17^2 = 22 + 26 + 61 + 91 + 172 \\ 372 &:= 2^2 + 2^6 + 7^1 + 8^1 + 17^2 = 22 + 26 + 71 + 81 + 172 \\ 372 &:= 2^2 + 2^7 + 3^0 + 14^1 + 15^2 = 22 + 27 + 30 + 141 + 152 \end{aligned}$$

$$\begin{aligned} 372 &:= 2^3 + 2^6 + 5^0 + 10^1 + 17^2 = 23 + 26 + 50 + 101 + 172 \\ 372 &:= 2^3 + 3^1 + 3^5 + 10^2 + 18^1 = 23 + 31 + 35 + 102 + 181 \\ 372 &:= 2^3 + 3^2 + 4^4 + 9^2 + 18^1 = 23 + 32 + 44 + 92 + 181 \\ 372 &:= 2^3 + 3^3 + 7^2 + 12^2 + 12^2 = 23 + 33 + 72 + 122 + 122 \\ 372 &:= 2^3 + 3^4 + 4^2 + 11^1 + 16^2 = 23 + 34 + 42 + 111 + 162 \\ 372 &:= 2^3 + 3^4 + 7^2 + 9^1 + 15^2 = 23 + 34 + 72 + 91 + 152 \\ 372 &:= 2^3 + 3^5 + 10^1 + 10^2 + 11^1 = 23 + 35 + 101 + 102 + 111 \\ 372 &:= 2^3 + 3^5 + 4^1 + 10^2 + 17^1 = 23 + 35 + 41 + 102 + 171 \\ 372 &:= 2^3 + 3^5 + 5^1 + 10^2 + 16^1 = 23 + 35 + 51 + 102 + 161 \\ 372 &:= 2^3 + 3^5 + 6^1 + 10^2 + 15^1 = 23 + 35 + 61 + 102 + 151 \\ 372 &:= 2^3 + 3^5 + 7^1 + 10^2 + 14^1 = 23 + 35 + 71 + 102 + 141 \\ 372 &:= 2^3 + 3^5 + 8^1 + 10^2 + 13^1 = 23 + 35 + 81 + 102 + 131 \\ 372 &:= 2^3 + 3^5 + 9^1 + 10^2 + 12^1 = 23 + 35 + 91 + 102 + 121 \\ 372 &:= 2^3 + 4^3 + 10^2 + 10^2 + 10^2 = 23 + 43 + 102 + 102 + 102 \\ 372 &:= 2^3 + 4^3 + 4^3 + 11^1 + 15^2 = 23 + 43 + 43 + 111 + 152 \\ 372 &:= 2^3 + 5^3 + 5^3 + 10^2 + 14^1 = 23 + 53 + 53 + 102 + 141 \\ 372 &:= 2^4 + 3^4 + 7^2 + 9^0 + 15^2 = 24 + 34 + 72 + 90 + 152 \\ 372 &:= 2^4 + 3^5 + 9^0 + 10^2 + 12^1 = 24 + 35 + 90 + 102 + 121 \\ 372 &:= 2^4 + 5^2 + 5^2 + 9^2 + 15^2 = 24 + 52 + 52 + 92 + 152 \\ 372 &:= 2^4 + 5^2 + 5^3 + 10^1 + 14^2 = 24 + 52 + 53 + 101 + 142 \\ 372 &:= 2^4 + 6^3 + 8^2 + 8^2 + 12^1 = 24 + 63 + 82 + 82 + 121 \\ 372 &:= 2^5 + 3^0 + 4^4 + 8^2 + 19^1 = 25 + 30 + 44 + 82 + 191 \\ 372 &:= 2^5 + 3^1 + 7^2 + 12^2 + 12^2 = 25 + 31 + 72 + 122 + 122 \\ 372 &:= 2^5 + 3^2 + 6^1 + 10^2 + 15^2 = 25 + 32 + 61 + 102 + 152 \\ 372 &:= 2^6 + 3^0 + 3^4 + 13^0 + 15^2 = 26 + 30 + 34 + 130 + 152 \\ 372 &:= 2^6 + 3^0 + 5^3 + 13^1 + 13^2 = 26 + 30 + 53 + 131 + 132 \\ 372 &:= 2^6 + 3^2 + 3^2 + 11^0 + 17^2 = 26 + 32 + 32 + 110 + 172 \\ 372 &:= 2^6 + 3^4 + 4^0 + 12^0 + 15^2 = 26 + 34 + 40 + 120 + 152 \\ 372 &:= 2^6 + 3^4 + 5^0 + 11^0 + 15^2 = 26 + 34 + 50 + 110 + 152 \\ 372 &:= 2^6 + 3^4 + 6^0 + 10^0 + 15^2 = 26 + 34 + 60 + 100 + 152 \\ 372 &:= 2^6 + 3^4 + 7^0 + 9^0 + 15^2 = 26 + 34 + 70 + 90 + 152 \\ 372 &:= 2^6 + 3^4 + 8^0 + 8^0 + 15^2 = 26 + 34 + 80 + 80 + 152 \\ 372 &:= 2^6 + 6^3 + 9^0 + 9^2 + 10^1 = 26 + 63 + 90 + 92 + 101 \\ 372 &:= 2^7 + 3^0 + 6^2 + 11^1 + 14^2 = 27 + 30 + 62 + 111 + 142 \\ 372 &:= 2^7 + 3^0 + 8^2 + 10^1 + 13^2 = 27 + 30 + 82 + 101 + 132 \\ 372 &:= 2^7 + 3^1 + 3^1 + 13^1 + 15^2 = 27 + 31 + 31 + 131 + 152 \\ 372 &:= 2^7 + 3^1 + 4^1 + 12^1 + 15^2 = 27 + 31 + 41 + 121 + 152 \\ 372 &:= 2^7 + 3^1 + 5^1 + 11^1 + 15^2 = 27 + 31 + 51 + 111 + 152 \end{aligned}$$

$$\begin{aligned} 372 &:= 2^7 + 3^1 + 6^1 + 10^1 + 15^2 = 27 + 31 + 61 + 101 + 152 \\ 372 &:= 2^7 + 3^1 + 7^1 + 9^1 + 15^2 = 27 + 31 + 71 + 91 + 152 \\ 372 &:= 2^7 + 3^1 + 8^1 + 8^1 + 15^2 = 27 + 31 + 81 + 81 + 152 \\ 372 &:= 2^7 + 3^2 + 7^0 + 9^1 + 15^2 = 27 + 32 + 70 + 91 + 152 \\ 372 &:= 2^7 + 4^1 + 4^1 + 11^1 + 15^2 = 27 + 41 + 41 + 111 + 152 \\ 372 &:= 2^7 + 4^1 + 5^1 + 10^1 + 15^2 = 27 + 41 + 51 + 101 + 152 \\ 372 &:= 2^7 + 4^1 + 6^1 + 9^1 + 15^2 = 27 + 41 + 61 + 91 + 152 \\ 372 &:= 2^7 + 4^1 + 7^1 + 8^1 + 15^2 = 27 + 41 + 71 + 81 + 152 \\ 372 &:= 2^7 + 5^1 + 5^1 + 9^1 + 15^2 = 27 + 51 + 51 + 91 + 152 \\ 372 &:= 2^7 + 5^1 + 6^1 + 8^1 + 15^2 = 27 + 51 + 61 + 81 + 152 \\ 372 &:= 2^7 + 5^1 + 7^1 + 7^1 + 15^2 = 27 + 51 + 71 + 71 + 152 \\ 372 &:= 2^7 + 6^1 + 6^1 + 7^1 + 15^2 = 27 + 61 + 61 + 71 + 152 \\ 372 &:= 2^8 + 3^1 + 9^0 + 10^2 + 12^1 = 28 + 31 + 90 + 102 + 121 \\ 372 &:= 2^8 + 4^1 + 9^0 + 10^2 + 11^1 = 28 + 41 + 90 + 102 + 111 \\ 372 &:= 2^8 + 5^1 + 9^0 + 10^1 + 10^2 = 28 + 51 + 90 + 101 + 102 \\ 372 &:= 2^8 + 6^1 + 9^0 + 9^1 + 10^2 = 28 + 61 + 90 + 91 + 102 \\ 372 &:= 2^8 + 7^1 + 8^1 + 9^0 + 10^2 = 28 + 71 + 81 + 90 + 102 \\ 372 &:= 3^0 + 3^4 + 3^5 + 5^2 + 22^1 = 30 + 34 + 35 + 52 + 221 \\ 372 &:= 3^1 + 3^2 + 3^4 + 4^4 + 23^1 = 31 + 32 + 34 + 44 + 231 \\ 372 &:= 3^1 + 3^3 + 3^5 + 9^2 + 18^1 = 31 + 33 + 35 + 92 + 181 \\ 372 &:= 3^1 + 3^3 + 4^3 + 4^4 + 22^1 = 31 + 33 + 43 + 44 + 221 \\ 372 &:= 3^2 + 3^4 + 4^1 + 4^4 + 22^1 = 32 + 34 + 41 + 44 + 221 \\ 372 &:= 3^2 + 3^4 + 4^4 + 10^1 + 16^1 = 32 + 34 + 44 + 101 + 161 \\ 372 &:= 3^2 + 3^4 + 4^4 + 11^1 + 15^1 = 32 + 34 + 44 + 111 + 151 \\ 372 &:= 3^2 + 3^4 + 4^4 + 12^1 + 14^1 = 32 + 34 + 44 + 121 + 141 \\ 372 &:= 3^2 + 3^4 + 4^4 + 13^1 + 13^1 = 32 + 34 + 44 + 131 + 131 \\ 372 &:= 3^2 + 3^4 + 4^4 + 5^1 + 21^1 = 32 + 34 + 44 + 51 + 211 \\ 372 &:= 3^2 + 3^4 + 4^4 + 5^2 + 21^0 = 32 + 34 + 44 + 52 + 210 \\ 372 &:= 3^2 + 3^4 + 4^4 + 6^1 + 20^1 = 32 + 34 + 44 + 61 + 201 \\ 372 &:= 3^2 + 3^4 + 4^4 + 7^1 + 19^1 = 32 + 34 + 44 + 71 + 191 \\ 372 &:= 3^2 + 3^4 + 4^4 + 8^1 + 18^1 = 32 + 34 + 44 + 81 + 181 \\ 372 &:= 3^2 + 3^4 + 4^4 + 9^1 + 17^1 = 32 + 34 + 44 + 91 + 171 \\ 372 &:= 3^2 + 3^4 + 5^3 + 12^2 + 13^1 = 32 + 34 + 53 + 122 + 131 \\ 372 &:= 3^2 + 3^4 + 6^3 + 7^2 + 17^1 = 32 + 34 + 63 + 72 + 171 \\ 372 &:= 3^2 + 4^3 + 4^3 + 6^3 + 19^1 = 32 + 43 + 43 + 63 + 191 \\ 372 &:= 3^3 + 3^3 + 7^2 + 10^2 + 13^2 = 33 + 33 + 72 + 102 + 132 \\ 372 &:= 3^3 + 3^4 + 4^4 + 7^1 + 19^0 = 33 + 34 + 44 + 71 + 190 \\ 372 &:= 3^3 + 3^5 + 4^1 + 9^2 + 17^1 = 33 + 35 + 41 + 92 + 171 \end{aligned}$$

$$\begin{aligned}
 372 &:= 3^3 + 3^5 + 5^1 + 9^2 + 16^1 = 33 + 35 + 51 + 92 + 161 \\
 372 &:= 3^3 + 3^5 + 6^1 + 9^2 + 15^1 = 33 + 35 + 61 + 92 + 151 \\
 372 &:= 3^3 + 3^5 + 7^1 + 9^2 + 14^1 = 33 + 35 + 71 + 92 + 141 \\
 372 &:= 3^3 + 3^5 + 8^1 + 9^2 + 13^1 = 33 + 35 + 81 + 92 + 131 \\
 372 &:= 3^3 + 3^5 + 9^1 + 9^2 + 12^1 = 33 + 35 + 91 + 92 + 121 \\
 372 &:= 3^3 + 3^5 + 9^2 + 10^1 + 11^1 = 33 + 35 + 92 + 101 + 111 \\
 372 &:= 3^3 + 4^1 + 4^3 + 4^4 + 21^1 = 33 + 41 + 43 + 44 + 211 \\
 372 &:= 3^3 + 4^3 + 4^3 + 6^3 + 19^0 = 33 + 43 + 43 + 63 + 190 \\
 372 &:= 3^3 + 4^3 + 4^4 + 10^1 + 15^1 = 33 + 43 + 44 + 101 + 151 \\
 372 &:= 3^3 + 4^3 + 4^4 + 11^1 + 14^1 = 33 + 43 + 44 + 111 + 141 \\
 372 &:= 3^3 + 4^3 + 4^4 + 12^1 + 13^1 = 33 + 43 + 44 + 121 + 131 \\
 372 &:= 3^3 + 4^3 + 4^4 + 5^1 + 20^1 = 33 + 43 + 44 + 51 + 201 \\
 372 &:= 3^3 + 4^3 + 4^4 + 6^1 + 19^1 = 33 + 43 + 44 + 61 + 191 \\
 372 &:= 3^3 + 4^3 + 4^4 + 7^1 + 18^1 = 33 + 43 + 44 + 71 + 181 \\
 372 &:= 3^3 + 4^3 + 4^4 + 8^1 + 17^1 = 33 + 43 + 44 + 81 + 171 \\
 372 &:= 3^3 + 4^3 + 4^4 + 9^1 + 16^1 = 33 + 43 + 44 + 91 + 161
 \end{aligned}$$

$$\begin{aligned}
 372 &:= 3^3 + 4^3 + 5^3 + 12^1 + 12^2 = 33 + 43 + 53 + 121 + 122 \\
 372 &:= 3^3 + 4^3 + 6^3 + 7^2 + 16^1 = 33 + 43 + 63 + 72 + 161 \\
 372 &:= 3^3 + 4^3 + 9^2 + 10^2 + 10^2 = 33 + 43 + 92 + 102 + 102 \\
 372 &:= 3^3 + 4^4 + 6^2 + 6^2 + 17^1 = 33 + 44 + 62 + 62 + 171 \\
 372 &:= 3^3 + 5^3 + 5^3 + 9^2 + 14^1 = 33 + 53 + 53 + 92 + 141 \\
 372 &:= 3^4 + 3^5 + 6^2 + 11^1 + 13^0 = 34 + 35 + 62 + 111 + 130 \\
 372 &:= 3^4 + 4^3 + 7^2 + 9^1 + 13^2 = 34 + 43 + 72 + 91 + 132 \\
 372 &:= 3^4 + 5^2 + 8^2 + 9^2 + 11^2 = 34 + 52 + 82 + 92 + 112 \\
 372 &:= 3^4 + 7^2 + 7^2 + 7^2 + 12^2 = 34 + 72 + 72 + 72 + 122 \\
 372 &:= 3^5 + 4^2 + 4^2 + 9^2 + 16^1 = 35 + 42 + 42 + 92 + 161 \\
 372 &:= 3^5 + 4^2 + 7^2 + 7^2 + 15^1 = 35 + 42 + 72 + 72 + 151 \\
 372 &:= 3^5 + 5^2 + 5^2 + 8^2 + 15^1 = 35 + 52 + 52 + 82 + 151 \\
 372 &:= 4^2 + 4^2 + 4^3 + 4^4 + 20^1 = 42 + 42 + 43 + 44 + 201 \\
 372 &:= 4^3 + 4^3 + 4^3 + 11^1 + 13^2 = 43 + 43 + 43 + 111 + 132
 \end{aligned}$$

2.2.274 Number 373

$$\begin{aligned}
 373 &:= 7^0 + 11^1 + 19^2 = 70 + 111 + 192 \\
 373 &:= 1^0 + 7^0 + 10^1 + 19^2 = 10 + 70 + 101 + 192 \\
 373 &:= 1^1 + 2^7 + 3^5 + 30^0 = 11 + 27 + 35 + 300 \\
 373 &:= 2^0 + 6^0 + 10^1 + 19^2 = 20 + 60 + 101 + 192 \\
 373 &:= 3^0 + 5^0 + 10^1 + 19^2 = 30 + 50 + 101 + 192 \\
 373 &:= 4^0 + 4^0 + 10^1 + 19^2 = 40 + 40 + 101 + 192 \\
 373 &:= 1^0 + 1^0 + 7^0 + 9^1 + 19^2 = 10 + 10 + 70 + 91 + 192 \\
 373 &:= 1^0 + 1^7 + 3^3 + 7^3 + 24^0 = 10 + 17 + 33 + 73 + 240 \\
 373 &:= 1^0 + 1^7 + 3^4 + 14^0 + 17^2 = 10 + 17 + 34 + 140 + 172 \\
 373 &:= 1^0 + 1^9 + 3^2 + 12^0 + 19^2 = 10 + 19 + 32 + 120 + 192 \\
 373 &:= 1^0 + 1^9 + 8^0 + 9^2 + 17^2 = 10 + 19 + 80 + 92 + 172 \\
 373 &:= 1^0 + 2^0 + 6^0 + 9^1 + 19^2 = 10 + 20 + 60 + 91 + 192 \\
 373 &:= 1^0 + 2^6 + 3^5 + 8^2 + 22^0 = 10 + 26 + 35 + 82 + 220 \\
 373 &:= 1^0 + 2^7 + 3^3 + 6^3 + 24^0 = 10 + 27 + 33 + 63 + 240 \\
 373 &:= 1^0 + 3^0 + 5^0 + 9^1 + 19^2 = 10 + 30 + 50 + 91 + 192 \\
 373 &:= 1^0 + 4^0 + 4^0 + 9^1 + 19^2 = 10 + 40 + 40 + 91 + 192 \\
 373 &:= 1^1 + 1^6 + 3^3 + 7^3 + 24^0 = 11 + 16 + 33 + 73 + 240 \\
 373 &:= 1^1 + 1^6 + 3^4 + 14^0 + 17^2 = 11 + 16 + 34 + 140 + 172 \\
 373 &:= 1^1 + 1^8 + 3^2 + 12^0 + 19^2 = 11 + 18 + 32 + 120 + 192 \\
 373 &:= 1^1 + 1^8 + 8^0 + 9^2 + 17^2 = 11 + 18 + 80 + 92 + 172
 \end{aligned}$$

$$\begin{aligned}
 373 &:= 1^1 + 1^9 + 6^0 + 9^1 + 19^2 = 11 + 19 + 60 + 91 + 192 \\
 373 &:= 1^2 + 1^5 + 3^3 + 7^3 + 24^0 = 12 + 15 + 33 + 73 + 240 \\
 373 &:= 1^2 + 1^5 + 3^4 + 14^0 + 17^2 = 12 + 15 + 34 + 140 + 172 \\
 373 &:= 1^2 + 1^7 + 3^2 + 12^0 + 19^2 = 12 + 17 + 32 + 120 + 192 \\
 373 &:= 1^2 + 1^7 + 8^0 + 9^2 + 17^2 = 12 + 17 + 80 + 92 + 172 \\
 373 &:= 1^2 + 1^8 + 6^0 + 9^1 + 19^2 = 12 + 18 + 60 + 91 + 192 \\
 373 &:= 1^2 + 2^8 + 8^0 + 10^2 + 15^1 = 12 + 28 + 80 + 102 + 151 \\
 373 &:= 1^2 + 3^5 + 4^3 + 4^3 + 24^0 = 12 + 35 + 43 + 43 + 240 \\
 373 &:= 1^3 + 1^4 + 3^3 + 7^3 + 24^0 = 13 + 14 + 33 + 73 + 240 \\
 373 &:= 1^3 + 1^4 + 3^4 + 14^0 + 17^2 = 13 + 14 + 34 + 140 + 172 \\
 373 &:= 1^3 + 1^6 + 3^2 + 12^0 + 19^2 = 13 + 16 + 32 + 120 + 192 \\
 373 &:= 1^3 + 1^6 + 8^0 + 9^2 + 17^2 = 13 + 16 + 80 + 92 + 172 \\
 373 &:= 1^3 + 1^7 + 6^0 + 9^1 + 19^2 = 13 + 17 + 60 + 91 + 192 \\
 373 &:= 1^3 + 3^5 + 4^3 + 8^2 + 20^0 = 13 + 35 + 43 + 82 + 200 \\
 373 &:= 1^4 + 1^5 + 3^2 + 12^0 + 19^2 = 14 + 15 + 32 + 120 + 192 \\
 373 &:= 1^4 + 1^5 + 8^0 + 9^2 + 17^2 = 14 + 15 + 80 + 92 + 172 \\
 373 &:= 1^4 + 1^6 + 6^0 + 9^1 + 19^2 = 14 + 16 + 60 + 91 + 192 \\
 373 &:= 1^4 + 3^1 + 3^5 + 5^3 + 24^0 = 14 + 31 + 35 + 53 + 240 \\
 373 &:= 1^4 + 3^5 + 8^2 + 8^2 + 16^0 = 14 + 35 + 82 + 82 + 160 \\
 373 &:= 1^5 + 1^5 + 6^0 + 9^1 + 19^2 = 15 + 15 + 60 + 91 + 192
 \end{aligned}$$

$$\begin{aligned}
 373 &:= 1^5 + 2^4 + 7^3 + 12^1 + 14^0 = 15 + 24 + 73 + 121 + 140 \\
 373 &:= 1^5 + 3^4 + 8^0 + 11^2 + 13^2 = 15 + 34 + 80 + 112 + 132 \\
 373 &:= 1^5 + 3^5 + 7^1 + 11^2 + 14^0 = 15 + 35 + 71 + 112 + 140 \\
 373 &:= 1^5 + 5^3 + 5^3 + 11^2 + 14^0 = 15 + 53 + 53 + 112 + 140 \\
 373 &:= 1^6 + 2^3 + 6^0 + 7^3 + 20^1 = 16 + 23 + 60 + 73 + 201 \\
 373 &:= 1^6 + 2^6 + 2^6 + 3^5 + 27^0 = 16 + 26 + 26 + 35 + 270 \\
 373 &:= 1^6 + 4^4 + 6^0 + 10^2 + 15^1 = 16 + 44 + 60 + 102 + 151 \\
 373 &:= 1^7 + 2^0 + 2^2 + 7^3 + 24^1 = 17 + 20 + 22 + 73 + 241 \\
 373 &:= 1^7 + 2^0 + 3^3 + 7^3 + 23^0 = 17 + 20 + 33 + 73 + 230 \\
 373 &:= 1^7 + 2^0 + 3^4 + 13^0 + 17^2 = 17 + 20 + 34 + 130 + 172 \\
 373 &:= 1^7 + 2^0 + 9^2 + 11^2 + 13^2 = 17 + 20 + 92 + 112 + 132 \\
 373 &:= 1^7 + 2^1 + 2^3 + 12^0 + 19^2 = 17 + 21 + 23 + 120 + 192 \\
 373 &:= 1^7 + 2^3 + 2^8 + 3^4 + 27^1 = 17 + 23 + 28 + 34 + 271 \\
 373 &:= 1^7 + 3^0 + 3^3 + 7^3 + 22^0 = 17 + 30 + 33 + 73 + 220 \\
 373 &:= 1^7 + 3^0 + 3^4 + 12^0 + 17^2 = 17 + 30 + 34 + 120 + 172 \\
 373 &:= 1^7 + 3^1 + 5^2 + 7^3 + 20^0 = 17 + 31 + 52 + 73 + 200 \\
 373 &:= 1^7 + 3^2 + 6^0 + 7^3 + 19^1 = 17 + 32 + 60 + 73 + 191 \\
 373 &:= 1^7 + 3^3 + 4^0 + 7^3 + 21^0 = 17 + 33 + 40 + 73 + 210 \\
 373 &:= 1^7 + 3^3 + 5^0 + 7^3 + 20^0 = 17 + 33 + 50 + 73 + 200 \\
 373 &:= 1^7 + 3^3 + 6^0 + 7^3 + 19^0 = 17 + 33 + 60 + 73 + 190 \\
 373 &:= 1^7 + 3^3 + 7^0 + 7^3 + 18^0 = 17 + 33 + 70 + 73 + 180 \\
 373 &:= 1^7 + 3^3 + 7^3 + 10^0 + 15^0 = 17 + 33 + 73 + 100 + 150 \\
 373 &:= 1^7 + 3^3 + 7^3 + 11^0 + 14^0 = 17 + 33 + 73 + 110 + 140 \\
 373 &:= 1^7 + 3^3 + 7^3 + 12^0 + 13^0 = 17 + 33 + 73 + 120 + 130 \\
 373 &:= 1^7 + 3^3 + 7^3 + 8^0 + 17^0 = 17 + 33 + 73 + 80 + 170 \\
 373 &:= 1^7 + 3^3 + 7^3 + 9^0 + 16^0 = 17 + 33 + 73 + 90 + 160 \\
 373 &:= 1^7 + 3^4 + 4^0 + 11^0 + 17^2 = 17 + 34 + 40 + 110 + 172 \\
 373 &:= 1^7 + 3^4 + 5^0 + 10^0 + 17^2 = 17 + 34 + 50 + 100 + 172 \\
 373 &:= 1^7 + 3^4 + 6^0 + 9^0 + 17^2 = 17 + 34 + 60 + 90 + 172 \\
 373 &:= 1^7 + 3^4 + 7^0 + 8^0 + 17^2 = 17 + 34 + 70 + 80 + 172 \\
 373 &:= 1^7 + 4^0 + 5^2 + 11^2 + 15^2 = 17 + 40 + 52 + 112 + 152 \\
 373 &:= 1^7 + 4^2 + 7^3 + 12^0 + 12^1 = 17 + 42 + 73 + 120 + 121 \\
 373 &:= 1^7 + 6^0 + 6^3 + 11^1 + 12^2 = 17 + 60 + 63 + 111 + 122 \\
 373 &:= 1^8 + 1^9 + 2^2 + 7^3 + 24^1 = 18 + 19 + 22 + 73 + 241 \\
 373 &:= 1^8 + 1^9 + 3^3 + 7^3 + 23^0 = 18 + 19 + 33 + 73 + 230 \\
 373 &:= 1^8 + 1^9 + 3^4 + 13^0 + 17^2 = 18 + 19 + 34 + 130 + 172 \\
 373 &:= 1^8 + 1^9 + 9^2 + 11^2 + 13^2 = 18 + 19 + 92 + 112 + 132 \\
 373 &:= 1^8 + 2^0 + 6^1 + 13^2 + 14^2 = 18 + 20 + 61 + 132 + 142
 \end{aligned}$$

$$\begin{aligned}
 373 &:= 1^8 + 2^1 + 6^0 + 12^2 + 15^2 = 18 + 21 + 60 + 122 + 152 \\
 373 &:= 1^8 + 2^2 + 6^1 + 8^0 + 19^2 = 18 + 22 + 61 + 80 + 192 \\
 373 &:= 1^8 + 2^5 + 2^7 + 14^2 + 16^1 = 18 + 25 + 27 + 142 + 161 \\
 373 &:= 1^8 + 2^8 + 3^2 + 3^4 + 26^1 = 18 + 28 + 32 + 34 + 261 \\
 373 &:= 1^8 + 2^8 + 3^3 + 4^3 + 25^1 = 18 + 28 + 33 + 43 + 251 \\
 373 &:= 1^9 + 1^9 + 6^1 + 13^2 + 14^2 = 19 + 19 + 61 + 132 + 142 \\
 373 &:= 1^9 + 2^0 + 3^2 + 11^0 + 19^2 = 19 + 20 + 32 + 110 + 192 \\
 373 &:= 1^9 + 2^0 + 7^0 + 9^2 + 17^2 = 19 + 20 + 70 + 92 + 172 \\
 373 &:= 1^9 + 2^1 + 6^0 + 8^1 + 19^2 = 19 + 21 + 60 + 81 + 192 \\
 373 &:= 1^9 + 2^6 + 3^3 + 4^4 + 25^1 = 19 + 26 + 33 + 44 + 251 \\
 373 &:= 1^9 + 2^6 + 3^5 + 4^3 + 25^0 = 19 + 26 + 35 + 43 + 250 \\
 373 &:= 1^9 + 3^0 + 3^2 + 10^0 + 19^2 = 19 + 30 + 32 + 100 + 192 \\
 373 &:= 1^9 + 3^0 + 6^0 + 9^2 + 17^2 = 19 + 30 + 60 + 92 + 172 \\
 373 &:= 1^9 + 3^1 + 6^0 + 7^1 + 19^2 = 19 + 31 + 60 + 71 + 192 \\
 373 &:= 1^9 + 3^2 + 4^0 + 9^0 + 19^2 = 19 + 32 + 40 + 90 + 192 \\
 373 &:= 1^9 + 3^2 + 5^0 + 8^0 + 19^2 = 19 + 32 + 50 + 80 + 192 \\
 373 &:= 1^9 + 3^2 + 6^0 + 7^0 + 19^2 = 19 + 32 + 60 + 70 + 192 \\
 373 &:= 1^9 + 4^0 + 5^0 + 9^2 + 17^2 = 19 + 40 + 50 + 92 + 172 \\
 373 &:= 1^9 + 4^1 + 6^0 + 6^1 + 19^2 = 19 + 41 + 60 + 61 + 192 \\
 373 &:= 1^9 + 5^1 + 5^1 + 6^0 + 19^2 = 19 + 51 + 51 + 60 + 192 \\
 373 &:= 2^0 + 2^0 + 5^0 + 9^1 + 19^2 = 20 + 20 + 50 + 91 + 192 \\
 373 &:= 2^0 + 2^2 + 2^7 + 6^3 + 24^1 = 20 + 22 + 27 + 63 + 241 \\
 373 &:= 2^0 + 2^6 + 3^5 + 8^2 + 21^0 = 20 + 26 + 35 + 82 + 210 \\
 373 &:= 2^0 + 2^7 + 3^3 + 6^3 + 23^0 = 20 + 27 + 33 + 63 + 230 \\
 373 &:= 2^0 + 2^8 + 4^2 + 9^2 + 19^1 = 20 + 28 + 42 + 92 + 191 \\
 373 &:= 2^0 + 2^8 + 7^2 + 7^2 + 18^1 = 20 + 28 + 72 + 72 + 181 \\
 373 &:= 2^0 + 3^0 + 4^0 + 9^1 + 19^2 = 20 + 30 + 40 + 91 + 192 \\
 373 &:= 2^1 + 2^6 + 3^4 + 14^0 + 15^2 = 21 + 26 + 34 + 140 + 152 \\
 373 &:= 2^2 + 2^8 + 10^0 + 10^2 + 12^1 = 22 + 28 + 100 + 102 + 121 \\
 373 &:= 2^3 + 2^3 + 2^5 + 12^0 + 18^2 = 23 + 23 + 25 + 120 + 182 \\
 373 &:= 2^3 + 2^7 + 6^0 + 11^1 + 15^2 = 23 + 27 + 60 + 111 + 152 \\
 373 &:= 2^4 + 2^6 + 3^1 + 12^0 + 17^2 = 24 + 26 + 31 + 120 + 172 \\
 373 &:= 2^4 + 3^4 + 4^4 + 8^0 + 19^1 = 24 + 34 + 44 + 80 + 191 \\
 373 &:= 2^4 + 3^5 + 7^2 + 8^2 + 16^0 = 24 + 35 + 72 + 82 + 160 \\
 373 &:= 2^4 + 4^3 + 4^4 + 6^2 + 20^0 = 24 + 43 + 44 + 62 + 200 \\
 373 &:= 2^5 + 3^5 + 6^0 + 9^2 + 16^1 = 25 + 35 + 60 + 92 + 161 \\
 373 &:= 2^5 + 4^3 + 4^4 + 6^0 + 20^1 = 25 + 43 + 44 + 60 + 201 \\
 373 &:= 2^6 + 3^0 + 3^5 + 8^2 + 20^0 = 26 + 30 + 35 + 82 + 200
 \end{aligned}$$

$$\begin{aligned}
 373 &:= 2^6 + 3^1 + 4^4 + 7^2 + 20^0 = 26 + 31 + 44 + 72 + 200 \\
 373 &:= 2^6 + 3^3 + 5^2 + 10^0 + 16^2 = 26 + 33 + 52 + 100 + 162 \\
 373 &:= 2^6 + 3^5 + 4^0 + 8^2 + 19^0 = 26 + 35 + 40 + 82 + 190 \\
 373 &:= 2^6 + 3^5 + 5^0 + 8^2 + 18^0 = 26 + 35 + 50 + 82 + 180 \\
 373 &:= 2^6 + 3^5 + 6^0 + 8^2 + 17^0 = 26 + 35 + 60 + 82 + 170 \\
 373 &:= 2^6 + 3^5 + 7^0 + 8^2 + 16^0 = 26 + 35 + 70 + 82 + 160 \\
 373 &:= 2^6 + 3^5 + 8^0 + 8^2 + 15^0 = 26 + 35 + 80 + 82 + 150 \\
 373 &:= 2^6 + 3^5 + 8^2 + 10^0 + 13^0 = 26 + 35 + 82 + 100 + 130 \\
 373 &:= 2^6 + 3^5 + 8^2 + 11^0 + 12^0 = 26 + 35 + 82 + 110 + 120 \\
 373 &:= 2^6 + 3^5 + 8^2 + 9^0 + 14^0 = 26 + 35 + 82 + 90 + 140 \\
 373 &:= 2^6 + 4^3 + 8^0 + 10^2 + 12^2 = 26 + 43 + 80 + 102 + 122 \\
 373 &:= 2^6 + 4^4 + 6^2 + 8^0 + 16^1 = 26 + 44 + 62 + 80 + 161 \\
 373 &:= 2^7 + 3^0 + 3^3 + 6^3 + 22^0 = 27 + 30 + 33 + 63 + 220 \\
 373 &:= 2^7 + 3^1 + 5^2 + 6^3 + 20^0 = 27 + 31 + 52 + 63 + 200 \\
 373 &:= 2^7 + 3^2 + 6^0 + 6^3 + 19^1 = 27 + 32 + 60 + 63 + 191 \\
 373 &:= 2^7 + 3^3 + 4^0 + 6^3 + 21^0 = 27 + 33 + 40 + 63 + 210 \\
 373 &:= 2^7 + 3^3 + 5^0 + 6^3 + 20^0 = 27 + 33 + 50 + 63 + 200
 \end{aligned}$$

$$\begin{aligned}
 373 &:= 2^7 + 3^3 + 6^0 + 6^3 + 19^0 = 27 + 33 + 60 + 63 + 190 \\
 373 &:= 2^7 + 3^3 + 6^3 + 10^0 + 15^0 = 27 + 33 + 63 + 100 + 150 \\
 373 &:= 2^7 + 3^3 + 6^3 + 11^0 + 14^0 = 27 + 33 + 63 + 110 + 140 \\
 373 &:= 2^7 + 3^3 + 6^3 + 12^0 + 13^0 = 27 + 33 + 63 + 120 + 130 \\
 373 &:= 2^7 + 3^3 + 6^3 + 7^0 + 18^0 = 27 + 33 + 63 + 70 + 180 \\
 373 &:= 2^7 + 3^3 + 6^3 + 8^0 + 17^0 = 27 + 33 + 63 + 80 + 170 \\
 373 &:= 2^7 + 3^3 + 6^3 + 9^0 + 16^0 = 27 + 33 + 63 + 90 + 160 \\
 373 &:= 2^7 + 4^2 + 6^3 + 12^0 + 12^1 = 27 + 42 + 63 + 120 + 121 \\
 373 &:= 2^7 + 4^3 + 6^0 + 11^1 + 13^2 = 27 + 43 + 60 + 111 + 132 \\
 373 &:= 2^7 + 6^2 + 8^0 + 8^2 + 12^2 = 27 + 62 + 80 + 82 + 122 \\
 373 &:= 2^8 + 3^1 + 7^2 + 8^2 + 16^0 = 28 + 31 + 72 + 82 + 160 \\
 373 &:= 2^8 + 3^2 + 7^1 + 10^2 + 14^0 = 28 + 32 + 71 + 102 + 140 \\
 373 &:= 2^8 + 4^0 + 6^2 + 8^2 + 16^1 = 28 + 40 + 62 + 82 + 161 \\
 373 &:= 2^8 + 5^2 + 9^2 + 10^0 + 10^1 = 28 + 52 + 92 + 100 + 101 \\
 373 &:= 3^0 + 3^0 + 3^0 + 9^1 + 19^2 = 30 + 30 + 30 + 91 + 192 \\
 373 &:= 3^3 + 3^4 + 3^5 + 6^0 + 21^1 = 33 + 34 + 35 + 60 + 211
 \end{aligned}$$

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$$\begin{aligned}
 374 &:= 7^2 + 12^0 + 18^2 = 72 + 120 + 182 \\
 374 &:= 1^1 + 6^0 + 11^1 + 19^2 = 11 + 60 + 111 + 192 \\
 374 &:= 1^8 + 2^2 + 7^3 + 26^1 = 18 + 22 + 73 + 261 \\
 374 &:= 1^9 + 8^1 + 13^2 + 14^2 = 19 + 81 + 132 + 142 \\
 374 &:= 2^1 + 6^0 + 10^1 + 19^2 = 21 + 60 + 101 + 192 \\
 374 &:= 2^6 + 3^3 + 4^4 + 27^1 = 26 + 33 + 44 + 271 \\
 374 &:= 2^8 + 3^4 + 6^2 + 25^0 = 28 + 34 + 62 + 250 \\
 374 &:= 3^1 + 6^0 + 9^1 + 19^2 = 31 + 60 + 91 + 192 \\
 374 &:= 4^1 + 6^0 + 8^1 + 19^2 = 41 + 60 + 81 + 192 \\
 374 &:= 5^1 + 6^0 + 7^1 + 19^2 = 51 + 60 + 71 + 192 \\
 374 &:= 6^0 + 6^1 + 6^1 + 19^2 = 60 + 61 + 61 + 192 \\
 374 &:= 1^0 + 1^1 + 6^0 + 10^1 + 19^2 = 10 + 11 + 60 + 101 + 192 \\
 374 &:= 1^0 + 1^8 + 2^2 + 7^3 + 25^1 = 10 + 18 + 22 + 73 + 251 \\
 374 &:= 1^0 + 1^9 + 7^1 + 13^2 + 14^2 = 10 + 19 + 71 + 132 + 142 \\
 374 &:= 1^0 + 2^1 + 6^0 + 9^1 + 19^2 = 10 + 21 + 60 + 91 + 192 \\
 374 &:= 1^0 + 2^4 + 2^8 + 10^2 + 21^0 = 10 + 24 + 28 + 102 + 210 \\
 374 &:= 1^0 + 2^6 + 3^3 + 4^4 + 26^1 = 10 + 26 + 33 + 44 + 261 \\
 374 &:= 1^0 + 3^1 + 6^0 + 8^1 + 19^2 = 10 + 31 + 60 + 81 + 192
 \end{aligned}$$

$$\begin{aligned}
 374 &:= 1^0 + 4^1 + 6^0 + 7^1 + 19^2 = 10 + 41 + 60 + 71 + 192 \\
 374 &:= 1^0 + 5^1 + 6^0 + 6^1 + 19^2 = 10 + 51 + 60 + 61 + 192 \\
 374 &:= 1^1 + 1^7 + 2^2 + 7^3 + 25^1 = 11 + 17 + 22 + 73 + 251 \\
 374 &:= 1^1 + 1^8 + 7^1 + 13^2 + 14^2 = 11 + 18 + 71 + 132 + 142 \\
 374 &:= 1^1 + 2^0 + 5^0 + 10^1 + 19^2 = 11 + 20 + 50 + 101 + 192 \\
 374 &:= 1^1 + 2^2 + 2^7 + 6^3 + 25^1 = 11 + 22 + 27 + 63 + 251 \\
 374 &:= 1^1 + 2^8 + 4^2 + 9^2 + 20^1 = 11 + 28 + 42 + 92 + 201 \\
 374 &:= 1^1 + 2^8 + 7^2 + 7^2 + 19^1 = 11 + 28 + 72 + 72 + 191 \\
 374 &:= 1^1 + 3^0 + 4^0 + 10^1 + 19^2 = 11 + 30 + 40 + 101 + 192 \\
 374 &:= 1^2 + 1^6 + 2^2 + 7^3 + 25^1 = 12 + 16 + 22 + 73 + 251 \\
 374 &:= 1^2 + 1^7 + 7^1 + 13^2 + 14^2 = 12 + 17 + 71 + 132 + 142 \\
 374 &:= 1^2 + 1^9 + 5^0 + 10^1 + 19^2 = 12 + 19 + 50 + 101 + 192 \\
 374 &:= 1^2 + 2^2 + 2^7 + 15^2 + 16^1 = 12 + 22 + 27 + 152 + 161 \\
 374 &:= 1^2 + 2^5 + 4^4 + 8^2 + 21^1 = 12 + 25 + 44 + 82 + 211 \\
 374 &:= 1^2 + 2^6 + 5^3 + 13^2 + 15^1 = 12 + 26 + 53 + 132 + 151 \\
 374 &:= 1^2 + 2^7 + 3^0 + 3^5 + 27^0 = 12 + 27 + 30 + 35 + 270 \\
 374 &:= 1^2 + 2^7 + 3^5 + 10^0 + 20^0 = 12 + 27 + 35 + 100 + 200 \\
 374 &:= 1^2 + 2^7 + 3^5 + 11^0 + 19^0 = 12 + 27 + 35 + 110 + 190
 \end{aligned}$$

$$\begin{aligned} 374 &:= 1^2 + 2^7 + 3^5 + 12^0 + 18^0 = 12 + 27 + 35 + 120 + 180 \\ 374 &:= 1^2 + 2^7 + 3^5 + 13^0 + 17^0 = 12 + 27 + 35 + 130 + 170 \\ 374 &:= 1^2 + 2^7 + 3^5 + 14^0 + 16^0 = 12 + 27 + 35 + 140 + 160 \\ 374 &:= 1^2 + 2^7 + 3^5 + 15^0 + 15^0 = 12 + 27 + 35 + 150 + 150 \\ 374 &:= 1^2 + 2^7 + 3^5 + 4^0 + 26^0 = 12 + 27 + 35 + 40 + 260 \\ 374 &:= 1^2 + 2^7 + 3^5 + 5^0 + 25^0 = 12 + 27 + 35 + 50 + 250 \\ 374 &:= 1^2 + 2^7 + 3^5 + 6^0 + 24^0 = 12 + 27 + 35 + 60 + 240 \\ 374 &:= 1^2 + 2^7 + 3^5 + 7^0 + 23^0 = 12 + 27 + 35 + 70 + 230 \\ 374 &:= 1^2 + 2^7 + 3^5 + 8^0 + 22^0 = 12 + 27 + 35 + 80 + 220 \\ 374 &:= 1^2 + 2^7 + 3^5 + 9^0 + 21^0 = 12 + 27 + 35 + 90 + 210 \\ 374 &:= 1^2 + 2^7 + 6^2 + 13^1 + 14^2 = 12 + 27 + 62 + 131 + 142 \\ 374 &:= 1^2 + 2^7 + 8^2 + 12^1 + 13^2 = 12 + 27 + 82 + 121 + 132 \\ 374 &:= 1^2 + 2^8 + 4^2 + 10^2 + 19^0 = 12 + 28 + 42 + 102 + 190 \\ 374 &:= 1^2 + 3^4 + 3^5 + 5^2 + 24^1 = 12 + 34 + 35 + 52 + 241 \\ 374 &:= 1^3 + 1^5 + 2^2 + 7^3 + 25^1 = 13 + 15 + 22 + 73 + 251 \\ 374 &:= 1^3 + 1^6 + 7^1 + 13^2 + 14^2 = 13 + 16 + 71 + 132 + 142 \\ 374 &:= 1^3 + 1^8 + 5^0 + 10^1 + 19^2 = 13 + 18 + 50 + 101 + 192 \\ 374 &:= 1^3 + 2^4 + 2^5 + 13^0 + 18^2 = 13 + 24 + 25 + 130 + 182 \\ 374 &:= 1^3 + 2^4 + 4^4 + 9^2 + 20^1 = 13 + 24 + 44 + 92 + 201 \\ 374 &:= 1^3 + 2^7 + 10^2 + 11^0 + 12^2 = 13 + 27 + 102 + 110 + 122 \\ 374 &:= 1^3 + 2^8 + 7^0 + 10^2 + 16^1 = 13 + 28 + 70 + 102 + 161 \\ 374 &:= 1^3 + 3^4 + 3^4 + 14^2 + 15^1 = 13 + 34 + 34 + 142 + 151 \\ 374 &:= 1^4 + 1^4 + 2^2 + 7^3 + 25^1 = 14 + 14 + 22 + 73 + 251 \\ 374 &:= 1^4 + 1^5 + 7^1 + 13^2 + 14^2 = 14 + 15 + 71 + 132 + 142 \\ 374 &:= 1^4 + 1^7 + 5^0 + 10^1 + 19^2 = 14 + 17 + 50 + 101 + 192 \\ 374 &:= 1^4 + 2^2 + 2^5 + 13^1 + 18^2 = 14 + 22 + 25 + 131 + 182 \\ 374 &:= 1^4 + 2^2 + 3^5 + 5^3 + 25^0 = 14 + 22 + 35 + 53 + 250 \\ 374 &:= 1^4 + 2^3 + 3^5 + 11^2 + 19^0 = 14 + 23 + 35 + 112 + 190 \\ 374 &:= 1^4 + 2^4 + 4^4 + 10^2 + 19^0 = 14 + 24 + 44 + 102 + 190 \\ 374 &:= 1^4 + 3^5 + 7^2 + 8^2 + 17^1 = 14 + 35 + 72 + 82 + 171 \\ 374 &:= 1^5 + 1^6 + 5^0 + 10^1 + 19^2 = 15 + 16 + 50 + 101 + 192 \\ 374 &:= 1^5 + 2^3 + 10^2 + 11^2 + 12^2 = 15 + 23 + 102 + 112 + 122 \\ 374 &:= 1^5 + 2^3 + 4^3 + 12^1 + 17^2 = 15 + 23 + 43 + 121 + 172 \\ 374 &:= 1^5 + 2^5 + 4^2 + 11^0 + 18^2 = 15 + 25 + 42 + 110 + 182 \\ 374 &:= 1^5 + 2^5 + 7^0 + 12^2 + 14^2 = 15 + 25 + 70 + 122 + 142 \\ 374 &:= 1^5 + 3^3 + 9^2 + 11^2 + 12^2 = 15 + 33 + 92 + 112 + 122 \\ 374 &:= 1^5 + 3^4 + 5^2 + 11^1 + 16^2 = 15 + 34 + 52 + 111 + 162 \\ 374 &:= 1^5 + 3^5 + 4^1 + 5^3 + 23^0 = 15 + 35 + 41 + 53 + 230 \end{aligned}$$

$$\begin{aligned} 374 &:= 1^5 + 4^4 + 6^2 + 8^2 + 17^1 = 15 + 44 + 62 + 82 + 171 \\ 374 &:= 1^6 + 2^2 + 10^2 + 10^2 + 13^2 = 16 + 22 + 102 + 102 + 132 \\ 374 &:= 1^6 + 2^2 + 9^2 + 12^2 + 12^2 = 16 + 22 + 92 + 122 + 122 \\ 374 &:= 1^6 + 2^4 + 7^0 + 10^2 + 16^2 = 16 + 24 + 70 + 102 + 162 \\ 374 &:= 1^6 + 2^4 + 7^3 + 13^0 + 13^1 = 16 + 24 + 73 + 130 + 131 \\ 374 &:= 1^6 + 3^2 + 4^3 + 11^1 + 17^2 = 16 + 32 + 43 + 111 + 172 \\ 374 &:= 1^6 + 3^3 + 6^1 + 12^2 + 14^2 = 16 + 33 + 61 + 122 + 142 \\ 374 &:= 1^6 + 3^3 + 7^2 + 8^1 + 17^2 = 16 + 33 + 72 + 81 + 172 \\ 374 &:= 1^6 + 3^5 + 8^1 + 11^2 + 13^0 = 16 + 35 + 81 + 112 + 130 \\ 374 &:= 1^6 + 4^2 + 4^4 + 10^2 + 17^0 = 16 + 42 + 44 + 102 + 170 \\ 374 &:= 1^6 + 6^3 + 8^2 + 9^2 + 12^1 = 16 + 63 + 82 + 92 + 121 \\ 374 &:= 1^7 + 2^1 + 2^2 + 7^3 + 24^1 = 17 + 21 + 22 + 73 + 241 \\ 374 &:= 1^7 + 2^1 + 3^3 + 7^3 + 23^0 = 17 + 21 + 33 + 73 + 230 \\ 374 &:= 1^7 + 2^1 + 3^4 + 13^0 + 17^2 = 17 + 21 + 34 + 130 + 172 \\ 374 &:= 1^7 + 2^1 + 9^2 + 11^2 + 13^2 = 17 + 21 + 92 + 112 + 132 \\ 374 &:= 1^7 + 2^2 + 3^1 + 7^3 + 23^1 = 17 + 22 + 31 + 73 + 231 \\ 374 &:= 1^7 + 2^2 + 4^1 + 7^3 + 22^1 = 17 + 22 + 41 + 73 + 221 \\ 374 &:= 1^7 + 2^2 + 5^1 + 7^3 + 21^1 = 17 + 22 + 51 + 73 + 211 \\ 374 &:= 1^7 + 2^2 + 5^2 + 7^3 + 21^0 = 17 + 22 + 52 + 73 + 210 \\ 374 &:= 1^7 + 2^2 + 6^1 + 7^3 + 20^1 = 17 + 22 + 61 + 73 + 201 \\ 374 &:= 1^7 + 2^2 + 6^2 + 9^1 + 18^2 = 17 + 22 + 62 + 91 + 182 \\ 374 &:= 1^7 + 2^2 + 7^1 + 7^3 + 19^1 = 17 + 22 + 71 + 73 + 191 \\ 374 &:= 1^7 + 2^2 + 7^3 + 10^1 + 16^1 = 17 + 22 + 73 + 101 + 161 \\ 374 &:= 1^7 + 2^2 + 7^3 + 11^1 + 15^1 = 17 + 22 + 73 + 111 + 151 \\ 374 &:= 1^7 + 2^2 + 7^3 + 12^1 + 14^1 = 17 + 22 + 73 + 121 + 141 \\ 374 &:= 1^7 + 2^2 + 7^3 + 13^1 + 13^1 = 17 + 22 + 73 + 131 + 131 \\ 374 &:= 1^7 + 2^2 + 7^3 + 8^1 + 18^1 = 17 + 22 + 73 + 81 + 181 \\ 374 &:= 1^7 + 2^2 + 7^3 + 9^1 + 17^1 = 17 + 22 + 73 + 91 + 171 \\ 374 &:= 1^7 + 2^3 + 5^0 + 7^3 + 21^1 = 17 + 23 + 50 + 73 + 211 \\ 374 &:= 1^7 + 3^1 + 8^2 + 9^2 + 15^2 = 17 + 31 + 82 + 92 + 152 \\ 374 &:= 1^7 + 4^1 + 7^2 + 8^2 + 16^2 = 17 + 41 + 72 + 82 + 162 \\ 374 &:= 1^7 + 4^2 + 5^2 + 8^1 + 18^2 = 17 + 42 + 52 + 81 + 182 \\ 374 &:= 1^7 + 4^4 + 5^0 + 10^2 + 16^1 = 17 + 44 + 50 + 102 + 161 \\ 374 &:= 1^8 + 2^1 + 6^1 + 13^2 + 14^2 = 18 + 21 + 61 + 132 + 142 \\ 374 &:= 1^8 + 2^3 + 3^1 + 11^0 + 19^2 = 18 + 23 + 31 + 110 + 192 \\ 374 &:= 1^8 + 3^1 + 5^1 + 13^2 + 14^2 = 18 + 31 + 51 + 132 + 142 \\ 374 &:= 1^8 + 3^2 + 5^0 + 7^3 + 20^1 = 18 + 32 + 50 + 73 + 201 \\ 374 &:= 1^8 + 4^1 + 4^1 + 13^2 + 14^2 = 18 + 41 + 41 + 132 + 142 \end{aligned}$$

$$\begin{aligned} 374 &:= 1^8 + 4^1 + 5^2 + 7^3 + 19^0 = 18 + 41 + 52 + 73 + 190 \\ 374 &:= 1^8 + 4^2 + 5^0 + 10^2 + 16^2 = 18 + 42 + 50 + 102 + 162 \\ 374 &:= 1^8 + 4^2 + 7^3 + 11^0 + 13^1 = 18 + 42 + 73 + 110 + 131 \\ 374 &:= 1^8 + 5^0 + 6^3 + 12^1 + 12^2 = 18 + 50 + 63 + 121 + 122 \\ 374 &:= 1^9 + 2^1 + 3^2 + 11^0 + 19^2 = 19 + 21 + 32 + 110 + 192 \\ 374 &:= 1^9 + 2^1 + 7^0 + 9^2 + 17^2 = 19 + 21 + 70 + 92 + 172 \\ 374 &:= 1^9 + 2^2 + 7^0 + 7^1 + 19^2 = 19 + 22 + 70 + 71 + 192 \\ 374 &:= 1^9 + 3^1 + 5^0 + 12^2 + 15^2 = 19 + 31 + 50 + 122 + 152 \\ 374 &:= 2^0 + 2^1 + 5^0 + 9^1 + 19^2 = 20 + 21 + 50 + 91 + 192 \\ 374 &:= 2^0 + 2^4 + 2^8 + 10^2 + 20^0 = 20 + 24 + 28 + 102 + 200 \\ 374 &:= 2^0 + 3^1 + 5^0 + 8^1 + 19^2 = 20 + 31 + 50 + 81 + 192 \\ 374 &:= 2^0 + 4^1 + 5^0 + 7^1 + 19^2 = 20 + 41 + 50 + 71 + 192 \\ 374 &:= 2^0 + 5^0 + 5^1 + 6^1 + 19^2 = 20 + 50 + 51 + 61 + 192 \\ 374 &:= 2^1 + 2^2 + 2^7 + 6^3 + 24^1 = 21 + 22 + 27 + 63 + 241 \\ 374 &:= 2^1 + 2^6 + 3^5 + 8^2 + 21^0 = 21 + 26 + 35 + 82 + 210 \\ 374 &:= 2^1 + 2^7 + 3^3 + 6^3 + 23^0 = 21 + 27 + 33 + 63 + 230 \\ 374 &:= 2^1 + 2^8 + 4^2 + 9^2 + 19^1 = 21 + 28 + 42 + 92 + 191 \\ 374 &:= 2^1 + 2^8 + 7^2 + 7^2 + 18^1 = 21 + 28 + 72 + 72 + 181 \\ 374 &:= 2^1 + 3^0 + 4^0 + 9^1 + 19^2 = 21 + 30 + 40 + 91 + 192 \\ 374 &:= 2^2 + 2^3 + 3^4 + 4^4 + 25^1 = 22 + 23 + 34 + 44 + 251 \\ 374 &:= 2^2 + 2^4 + 2^6 + 13^0 + 17^2 = 22 + 24 + 26 + 130 + 172 \\ 374 &:= 2^2 + 2^6 + 4^4 + 7^2 + 21^0 = 22 + 26 + 44 + 72 + 210 \\ 374 &:= 2^2 + 2^7 + 3^1 + 6^3 + 23^1 = 22 + 27 + 31 + 63 + 231 \\ 374 &:= 2^2 + 2^7 + 4^1 + 6^3 + 22^1 = 22 + 27 + 41 + 63 + 221 \\ 374 &:= 2^2 + 2^7 + 5^1 + 6^3 + 21^1 = 22 + 27 + 51 + 63 + 211 \\ 374 &:= 2^2 + 2^7 + 5^2 + 6^3 + 21^0 = 22 + 27 + 52 + 63 + 210 \\ 374 &:= 2^2 + 2^7 + 6^1 + 6^3 + 20^1 = 22 + 27 + 61 + 63 + 201 \\ 374 &:= 2^2 + 2^7 + 6^3 + 10^1 + 16^1 = 22 + 27 + 63 + 101 + 161 \\ 374 &:= 2^2 + 2^7 + 6^3 + 11^1 + 15^1 = 22 + 27 + 63 + 111 + 151 \\ 374 &:= 2^2 + 2^7 + 6^3 + 12^1 + 14^1 = 22 + 27 + 63 + 121 + 141 \\ 374 &:= 2^2 + 2^7 + 6^3 + 13^1 + 13^1 = 22 + 27 + 63 + 131 + 131 \\ 374 &:= 2^2 + 2^7 + 6^3 + 7^1 + 19^1 = 22 + 27 + 63 + 71 + 191 \\ 374 &:= 2^2 + 2^7 + 6^3 + 8^1 + 18^1 = 22 + 27 + 63 + 81 + 181 \\ 374 &:= 2^2 + 2^7 + 6^3 + 9^1 + 17^1 = 22 + 27 + 63 + 91 + 171 \\ 374 &:= 2^2 + 2^8 + 7^2 + 8^2 + 17^0 = 22 + 28 + 72 + 82 + 170 \\ 374 &:= 2^3 + 2^4 + 3^4 + 13^1 + 16^2 = 23 + 24 + 34 + 131 + 162 \\ 374 &:= 2^3 + 2^5 + 5^3 + 13^1 + 14^2 = 23 + 25 + 53 + 131 + 142 \\ 374 &:= 2^3 + 2^6 + 6^2 + 10^1 + 16^2 = 23 + 26 + 62 + 101 + 162 \end{aligned}$$

$$\begin{aligned} 374 &:= 2^3 + 2^7 + 5^0 + 6^3 + 21^1 = 23 + 27 + 50 + 63 + 211 \\ 374 &:= 2^3 + 2^8 + 9^1 + 10^2 + 13^0 = 23 + 28 + 91 + 102 + 130 \\ 374 &:= 2^4 + 2^4 + 10^2 + 11^2 + 11^2 = 24 + 24 + 102 + 112 + 112 \\ 374 &:= 2^4 + 2^4 + 5^3 + 6^3 + 21^0 = 24 + 24 + 53 + 63 + 210 \\ 374 &:= 2^4 + 2^7 + 4^1 + 13^0 + 15^2 = 24 + 27 + 41 + 130 + 152 \\ 374 &:= 2^4 + 2^8 + 10^0 + 10^2 + 12^0 = 24 + 28 + 100 + 102 + 120 \\ 374 &:= 2^4 + 2^8 + 10^2 + 11^0 + 11^0 = 24 + 28 + 102 + 110 + 110 \\ 374 &:= 2^4 + 2^8 + 3^0 + 10^2 + 19^0 = 24 + 28 + 30 + 102 + 190 \\ 374 &:= 2^4 + 2^8 + 4^0 + 10^2 + 18^0 = 24 + 28 + 40 + 102 + 180 \\ 374 &:= 2^4 + 2^8 + 5^0 + 10^2 + 17^0 = 24 + 28 + 50 + 102 + 170 \\ 374 &:= 2^4 + 2^8 + 6^0 + 10^2 + 16^0 = 24 + 28 + 60 + 102 + 160 \\ 374 &:= 2^4 + 2^8 + 7^0 + 10^2 + 15^0 = 24 + 28 + 70 + 102 + 150 \\ 374 &:= 2^4 + 2^8 + 8^0 + 10^2 + 14^0 = 24 + 28 + 80 + 102 + 140 \\ 374 &:= 2^4 + 2^8 + 9^0 + 10^2 + 13^0 = 24 + 28 + 90 + 102 + 130 \\ 374 &:= 2^4 + 3^5 + 4^2 + 9^2 + 18^1 = 24 + 35 + 42 + 92 + 181 \\ 374 &:= 2^4 + 3^5 + 7^2 + 7^2 + 17^1 = 24 + 35 + 72 + 72 + 171 \\ 374 &:= 2^4 + 4^2 + 4^3 + 4^4 + 22^1 = 24 + 42 + 43 + 44 + 221 \\ 374 &:= 2^5 + 3^4 + 4^1 + 4^4 + 23^0 = 25 + 34 + 41 + 44 + 230 \\ 374 &:= 2^5 + 3^4 + 4^3 + 13^0 + 14^2 = 25 + 34 + 43 + 130 + 142 \\ 374 &:= 2^5 + 3^4 + 5^2 + 11^1 + 15^2 = 25 + 34 + 52 + 111 + 152 \\ 374 &:= 2^5 + 3^5 + 7^2 + 7^2 + 17^0 = 25 + 35 + 72 + 72 + 170 \\ 374 &:= 2^6 + 3^2 + 4^3 + 12^1 + 15^2 = 26 + 32 + 43 + 121 + 152 \\ 374 &:= 2^6 + 3^3 + 4^2 + 11^1 + 16^2 = 26 + 33 + 42 + 111 + 162 \\ 374 &:= 2^6 + 3^3 + 7^2 + 9^1 + 15^2 = 26 + 33 + 72 + 91 + 152 \\ 374 &:= 2^6 + 3^4 + 6^3 + 12^1 + 13^0 = 26 + 34 + 63 + 121 + 130 \\ 374 &:= 2^6 + 3^5 + 7^0 + 7^2 + 17^1 = 26 + 35 + 70 + 72 + 171 \\ 374 &:= 2^6 + 5^2 + 8^2 + 10^2 + 11^2 = 26 + 52 + 82 + 102 + 112 \\ 374 &:= 2^6 + 6^2 + 7^2 + 9^2 + 12^2 = 26 + 62 + 72 + 92 + 122 \\ 374 &:= 2^7 + 3^3 + 7^2 + 11^0 + 13^2 = 27 + 33 + 72 + 110 + 132 \\ 374 &:= 2^7 + 4^2 + 9^1 + 10^2 + 11^2 = 27 + 42 + 91 + 102 + 112 \\ 374 &:= 2^7 + 4^3 + 9^2 + 10^2 + 11^0 = 27 + 43 + 92 + 102 + 110 \\ 374 &:= 2^7 + 6^2 + 8^1 + 9^2 + 11^2 = 27 + 62 + 81 + 92 + 112 \\ 374 &:= 2^8 + 3^1 + 4^2 + 9^2 + 18^1 = 28 + 31 + 42 + 92 + 181 \\ 374 &:= 2^8 + 3^1 + 7^2 + 7^2 + 17^1 = 28 + 31 + 72 + 72 + 171 \\ 374 &:= 2^8 + 3^3 + 9^1 + 9^2 + 13^0 = 28 + 33 + 91 + 92 + 130 \\ 374 &:= 2^8 + 4^1 + 4^2 + 9^2 + 17^1 = 28 + 41 + 42 + 92 + 171 \\ 374 &:= 2^8 + 4^1 + 4^3 + 7^2 + 19^0 = 28 + 41 + 43 + 72 + 190 \\ 374 &:= 2^8 + 4^1 + 7^2 + 7^2 + 16^1 = 28 + 41 + 72 + 72 + 161 \end{aligned}$$

$$\begin{aligned}
 374 &:= 2^8 + 4^2 + 5^1 + 9^2 + 16^1 = 28 + 42 + 51 + 92 + 161 \\
 374 &:= 2^8 + 4^2 + 6^1 + 9^2 + 15^1 = 28 + 42 + 61 + 92 + 151 \\
 374 &:= 2^8 + 4^2 + 7^1 + 9^2 + 14^1 = 28 + 42 + 71 + 92 + 141 \\
 374 &:= 2^8 + 4^2 + 8^1 + 9^2 + 13^1 = 28 + 42 + 81 + 92 + 131 \\
 374 &:= 2^8 + 4^2 + 9^1 + 9^2 + 12^1 = 28 + 42 + 91 + 92 + 121 \\
 374 &:= 2^8 + 4^2 + 9^2 + 10^1 + 11^1 = 28 + 42 + 92 + 101 + 111 \\
 374 &:= 2^8 + 4^3 + 6^2 + 7^0 + 17^1 = 28 + 43 + 62 + 70 + 171 \\
 374 &:= 2^8 + 5^1 + 7^2 + 7^2 + 15^1 = 28 + 51 + 72 + 72 + 151 \\
 374 &:= 2^8 + 6^1 + 7^2 + 7^2 + 14^1 = 28 + 61 + 72 + 72 + 141
 \end{aligned}$$

$$\begin{aligned}
 374 &:= 2^8 + 7^1 + 7^2 + 7^2 + 13^1 = 28 + 71 + 72 + 72 + 131 \\
 374 &:= 2^8 + 7^2 + 7^2 + 10^1 + 10^1 = 28 + 72 + 72 + 101 + 101 \\
 374 &:= 2^8 + 7^2 + 7^2 + 8^1 + 12^1 = 28 + 72 + 72 + 81 + 121 \\
 374 &:= 2^8 + 7^2 + 7^2 + 9^1 + 11^1 = 28 + 72 + 72 + 91 + 111 \\
 374 &:= 3^0 + 3^1 + 4^0 + 8^1 + 19^2 = 30 + 31 + 40 + 81 + 192 \\
 374 &:= 3^0 + 4^0 + 4^1 + 7^1 + 19^2 = 30 + 40 + 41 + 71 + 192 \\
 374 &:= 3^0 + 4^0 + 5^1 + 6^1 + 19^2 = 30 + 40 + 51 + 61 + 192
 \end{aligned}$$

2.2.276 Number 375

$$\begin{aligned}
 375 &:= 10^1 + 13^2 + 14^2 = 101 + 132 + 142 \\
 375 &:= 1^0 + 9^1 + 13^2 + 14^2 = 10 + 91 + 132 + 142 \\
 375 &:= 1^1 + 7^2 + 11^0 + 18^2 = 11 + 72 + 110 + 182 \\
 375 &:= 1^2 + 5^0 + 12^1 + 19^2 = 12 + 50 + 121 + 192 \\
 375 &:= 2^2 + 7^0 + 9^1 + 19^2 = 22 + 70 + 91 + 192 \\
 375 &:= 3^2 + 4^1 + 11^0 + 19^2 = 32 + 41 + 110 + 192 \\
 375 &:= 4^1 + 7^0 + 9^2 + 17^2 = 41 + 70 + 92 + 172 \\
 375 &:= 5^0 + 5^1 + 12^2 + 15^2 = 50 + 51 + 122 + 152 \\
 375 &:= 1^0 + 1^0 + 8^1 + 13^2 + 14^2 = 10 + 10 + 81 + 132 + 142 \\
 375 &:= 1^0 + 1^2 + 5^0 + 11^1 + 19^2 = 10 + 12 + 50 + 111 + 192 \\
 375 &:= 1^0 + 2^2 + 7^0 + 8^1 + 19^2 = 10 + 22 + 70 + 81 + 192 \\
 375 &:= 1^0 + 3^1 + 3^2 + 11^0 + 19^2 = 10 + 31 + 32 + 110 + 192 \\
 375 &:= 1^0 + 3^1 + 7^0 + 9^2 + 17^2 = 10 + 31 + 70 + 92 + 172 \\
 375 &:= 1^0 + 4^1 + 5^0 + 12^2 + 15^2 = 10 + 41 + 50 + 122 + 152 \\
 375 &:= 1^1 + 1^1 + 5^0 + 11^1 + 19^2 = 11 + 11 + 50 + 111 + 192 \\
 375 &:= 1^1 + 2^1 + 5^0 + 10^1 + 19^2 = 11 + 21 + 50 + 101 + 192 \\
 375 &:= 1^1 + 2^8 + 3^4 + 6^2 + 24^0 = 11 + 28 + 34 + 62 + 240 \\
 375 &:= 1^1 + 3^1 + 5^0 + 9^1 + 19^2 = 11 + 31 + 50 + 91 + 192 \\
 375 &:= 1^1 + 4^1 + 5^0 + 8^1 + 19^2 = 11 + 41 + 50 + 81 + 192 \\
 375 &:= 1^1 + 5^0 + 5^1 + 7^1 + 19^2 = 11 + 50 + 51 + 71 + 192 \\
 375 &:= 1^1 + 5^0 + 6^1 + 6^1 + 19^2 = 11 + 50 + 61 + 61 + 192 \\
 375 &:= 1^2 + 2^0 + 4^0 + 11^1 + 19^2 = 12 + 20 + 40 + 111 + 192 \\
 375 &:= 1^2 + 3^0 + 3^0 + 11^1 + 19^2 = 12 + 30 + 30 + 111 + 192 \\
 375 &:= 1^3 + 1^9 + 4^0 + 11^1 + 19^2 = 13 + 19 + 40 + 111 + 192 \\
 375 &:= 1^3 + 2^8 + 6^2 + 9^2 + 18^0 = 13 + 28 + 62 + 92 + 180 \\
 375 &:= 1^4 + 1^8 + 4^0 + 11^1 + 19^2 = 14 + 18 + 40 + 111 + 192 \\
 375 &:= 1^4 + 2^5 + 5^3 + 6^3 + 22^0 = 14 + 25 + 53 + 63 + 220
 \end{aligned}$$

$$\begin{aligned}
 375 &:= 1^4 + 2^7 + 7^2 + 12^0 + 14^2 = 14 + 27 + 72 + 120 + 142 \\
 375 &:= 1^4 + 2^8 + 6^0 + 10^2 + 17^1 = 14 + 28 + 60 + 102 + 171 \\
 375 &:= 1^4 + 3^4 + 3^5 + 7^2 + 22^0 = 14 + 34 + 35 + 72 + 220 \\
 375 &:= 1^5 + 1^7 + 4^0 + 11^1 + 19^2 = 15 + 17 + 40 + 111 + 192 \\
 375 &:= 1^5 + 3^4 + 4^4 + 6^2 + 22^0 = 15 + 34 + 44 + 62 + 220 \\
 375 &:= 1^6 + 1^6 + 4^0 + 11^1 + 19^2 = 16 + 16 + 40 + 111 + 192 \\
 375 &:= 1^6 + 3^2 + 3^5 + 11^2 + 18^0 = 16 + 32 + 35 + 112 + 180 \\
 375 &:= 1^6 + 3^5 + 5^1 + 5^3 + 22^0 = 16 + 35 + 51 + 53 + 220 \\
 375 &:= 1^6 + 3^5 + 7^2 + 9^2 + 16^0 = 16 + 35 + 72 + 92 + 160 \\
 375 &:= 1^7 + 2^4 + 7^3 + 12^0 + 14^1 = 17 + 24 + 73 + 120 + 141 \\
 375 &:= 1^7 + 2^6 + 2^8 + 3^3 + 27^1 = 17 + 26 + 28 + 33 + 271 \\
 375 &:= 1^7 + 3^4 + 6^2 + 10^0 + 16^2 = 17 + 34 + 62 + 100 + 162 \\
 375 &:= 1^7 + 3^5 + 9^1 + 11^2 + 12^0 = 17 + 35 + 91 + 112 + 120 \\
 375 &:= 1^7 + 4^4 + 6^2 + 9^2 + 16^0 = 17 + 44 + 62 + 92 + 160 \\
 375 &:= 1^8 + 2^2 + 2^3 + 12^0 + 19^2 = 18 + 22 + 23 + 120 + 192 \\
 375 &:= 1^8 + 2^3 + 4^0 + 7^3 + 22^1 = 18 + 23 + 40 + 73 + 221 \\
 375 &:= 1^8 + 2^3 + 6^0 + 13^2 + 14^2 = 18 + 23 + 60 + 132 + 142 \\
 375 &:= 1^8 + 3^1 + 3^3 + 7^3 + 22^0 = 18 + 31 + 33 + 73 + 220 \\
 375 &:= 1^8 + 3^1 + 3^4 + 12^0 + 17^2 = 18 + 31 + 34 + 120 + 172 \\
 375 &:= 1^8 + 3^3 + 6^0 + 11^2 + 15^2 = 18 + 33 + 60 + 112 + 152 \\
 375 &:= 1^8 + 4^0 + 4^4 + 10^2 + 17^1 = 18 + 40 + 44 + 102 + 171 \\
 375 &:= 1^8 + 6^2 + 6^3 + 11^2 + 12^0 = 18 + 62 + 63 + 112 + 120 \\
 375 &:= 1^9 + 2^2 + 6^0 + 12^2 + 15^2 = 19 + 22 + 60 + 122 + 152 \\
 375 &:= 1^9 + 2^3 + 4^1 + 10^0 + 19^2 = 19 + 23 + 41 + 100 + 192 \\
 375 &:= 1^9 + 2^5 + 2^8 + 8^2 + 22^1 = 19 + 25 + 28 + 82 + 221 \\
 375 &:= 1^9 + 3^2 + 4^0 + 7^3 + 21^1 = 19 + 32 + 40 + 73 + 211 \\
 375 &:= 1^9 + 4^0 + 6^2 + 9^2 + 16^2 = 19 + 40 + 62 + 92 + 162
 \end{aligned}$$

$$\begin{aligned}
 375 &:= 1^9 + 4^0 + 6^3 + 12^2 + 13^1 = 19 + 40 + 63 + 122 + 131 \\
 375 &:= 1^9 + 4^2 + 7^3 + 10^0 + 14^1 = 19 + 42 + 73 + 100 + 141 \\
 375 &:= 1^9 + 5^1 + 5^2 + 7^3 + 18^0 = 19 + 51 + 52 + 73 + 180 \\
 375 &:= 2^0 + 2^2 + 6^0 + 8^1 + 19^2 = 20 + 22 + 60 + 81 + 192 \\
 375 &:= 2^0 + 2^4 + 2^8 + 9^2 + 21^1 = 20 + 24 + 28 + 92 + 211 \\
 375 &:= 2^0 + 3^1 + 3^2 + 10^0 + 19^2 = 20 + 31 + 32 + 100 + 192 \\
 375 &:= 2^0 + 3^1 + 6^0 + 9^2 + 17^2 = 20 + 31 + 60 + 92 + 172 \\
 375 &:= 2^0 + 4^0 + 4^1 + 12^2 + 15^2 = 20 + 40 + 41 + 122 + 152 \\
 375 &:= 2^1 + 2^1 + 5^0 + 9^1 + 19^2 = 21 + 21 + 50 + 91 + 192 \\
 375 &:= 2^1 + 2^4 + 2^8 + 10^2 + 20^0 = 21 + 24 + 28 + 102 + 200 \\
 375 &:= 2^1 + 3^1 + 5^0 + 8^1 + 19^2 = 21 + 31 + 50 + 81 + 192 \\
 375 &:= 2^1 + 4^1 + 5^0 + 7^1 + 19^2 = 21 + 41 + 50 + 71 + 192 \\
 375 &:= 2^1 + 5^0 + 5^1 + 6^1 + 19^2 = 21 + 50 + 51 + 61 + 192 \\
 375 &:= 2^2 + 3^0 + 5^0 + 8^1 + 19^2 = 22 + 30 + 50 + 81 + 192 \\
 375 &:= 2^2 + 4^0 + 4^0 + 8^1 + 19^2 = 22 + 40 + 40 + 81 + 192 \\
 375 &:= 2^4 + 2^6 + 5^3 + 13^2 + 14^0 = 24 + 26 + 53 + 132 + 140 \\
 375 &:= 2^4 + 2^7 + 6^3 + 12^0 + 14^1 = 24 + 27 + 63 + 120 + 141
 \end{aligned}$$

$$\begin{aligned}
 375 &:= 2^5 + 3^4 + 3^5 + 10^0 + 18^1 = 25 + 34 + 35 + 100 + 181 \\
 375 &:= 2^6 + 3^1 + 3^5 + 4^3 + 24^0 = 26 + 31 + 35 + 43 + 240 \\
 375 &:= 2^8 + 3^4 + 4^2 + 6^0 + 21^1 = 28 + 34 + 42 + 60 + 211 \\
 375 &:= 2^8 + 3^4 + 5^2 + 12^1 + 14^0 = 28 + 34 + 52 + 121 + 140 \\
 375 &:= 3^0 + 3^0 + 4^1 + 12^2 + 15^2 = 30 + 30 + 41 + 122 + 152 \\
 375 &:= 3^0 + 3^1 + 3^2 + 9^0 + 19^2 = 30 + 31 + 32 + 90 + 192 \\
 375 &:= 3^0 + 3^1 + 5^0 + 9^2 + 17^2 = 30 + 31 + 50 + 92 + 172 \\
 375 &:= 3^1 + 3^1 + 5^0 + 7^1 + 19^2 = 31 + 31 + 50 + 71 + 192 \\
 375 &:= 3^1 + 3^2 + 4^0 + 8^0 + 19^2 = 31 + 32 + 40 + 80 + 192 \\
 375 &:= 3^1 + 3^2 + 5^0 + 7^0 + 19^2 = 31 + 32 + 50 + 70 + 192 \\
 375 &:= 3^1 + 3^2 + 6^0 + 6^0 + 19^2 = 31 + 32 + 60 + 60 + 192 \\
 375 &:= 3^1 + 4^0 + 4^0 + 9^2 + 17^2 = 31 + 40 + 40 + 92 + 172 \\
 375 &:= 3^1 + 4^1 + 5^0 + 6^1 + 19^2 = 31 + 41 + 50 + 61 + 192 \\
 375 &:= 3^1 + 5^0 + 5^1 + 5^1 + 19^2 = 31 + 50 + 51 + 51 + 192 \\
 375 &:= 4^1 + 4^1 + 5^0 + 5^1 + 19^2 = 41 + 41 + 50 + 51 + 192
 \end{aligned}$$

2.2.277 Number 376

$$\begin{aligned}
 376 &:= 1^3 + 4^0 + 13^1 + 19^2 = 13 + 40 + 131 + 192 \\
 376 &:= 2^3 + 6^1 + 10^0 + 19^2 = 23 + 61 + 100 + 192 \\
 376 &:= 2^5 + 2^8 + 8^2 + 24^1 = 25 + 28 + 82 + 241 \\
 376 &:= 3^2 + 4^0 + 7^3 + 23^1 = 32 + 40 + 73 + 231 \\
 376 &:= 4^0 + 6^3 + 12^2 + 15^1 = 40 + 63 + 122 + 151 \\
 376 &:= 4^2 + 7^3 + 10^0 + 16^1 = 42 + 73 + 100 + 161 \\
 376 &:= 5^2 + 7^1 + 7^3 + 18^0 = 52 + 71 + 73 + 180 \\
 376 &:= 1^0 + 1^2 + 7^2 + 10^0 + 18^2 = 10 + 12 + 72 + 100 + 182 \\
 376 &:= 1^0 + 1^3 + 4^0 + 12^1 + 19^2 = 10 + 13 + 40 + 121 + 192 \\
 376 &:= 1^0 + 2^2 + 3^2 + 12^0 + 19^2 = 10 + 22 + 32 + 120 + 192 \\
 376 &:= 1^0 + 2^2 + 8^0 + 9^2 + 17^2 = 10 + 22 + 80 + 92 + 172 \\
 376 &:= 1^0 + 2^3 + 5^1 + 10^0 + 19^2 = 10 + 23 + 51 + 100 + 192 \\
 376 &:= 1^0 + 2^5 + 2^8 + 8^2 + 23^1 = 10 + 25 + 28 + 82 + 231 \\
 376 &:= 1^0 + 3^2 + 4^0 + 7^3 + 22^1 = 10 + 32 + 40 + 73 + 221 \\
 376 &:= 1^0 + 3^2 + 6^0 + 13^2 + 14^2 = 10 + 32 + 60 + 132 + 142 \\
 376 &:= 1^0 + 4^0 + 6^2 + 13^2 + 13^2 = 10 + 40 + 62 + 132 + 132 \\
 376 &:= 1^0 + 4^0 + 6^3 + 12^2 + 14^1 = 10 + 40 + 63 + 122 + 141 \\
 376 &:= 1^0 + 4^0 + 7^2 + 10^2 + 15^2 = 10 + 40 + 72 + 102 + 152 \\
 376 &:= 1^0 + 4^2 + 7^3 + 10^0 + 15^1 = 10 + 42 + 73 + 100 + 151
 \end{aligned}$$

$$\begin{aligned}
 376 &:= 1^0 + 5^2 + 5^2 + 8^0 + 18^2 = 10 + 52 + 52 + 80 + 182 \\
 376 &:= 1^0 + 5^2 + 6^1 + 7^3 + 18^0 = 10 + 52 + 61 + 73 + 180 \\
 376 &:= 1^0 + 6^0 + 6^2 + 7^2 + 17^2 = 10 + 60 + 62 + 72 + 172 \\
 376 &:= 1^1 + 1^1 + 7^2 + 10^0 + 18^2 = 11 + 11 + 72 + 100 + 182 \\
 376 &:= 1^1 + 1^2 + 4^0 + 12^1 + 19^2 = 11 + 12 + 40 + 121 + 192 \\
 376 &:= 1^1 + 2^2 + 6^0 + 9^1 + 19^2 = 11 + 22 + 60 + 91 + 192 \\
 376 &:= 1^1 + 2^4 + 2^8 + 9^2 + 22^1 = 11 + 24 + 28 + 92 + 221 \\
 376 &:= 1^1 + 3^2 + 4^1 + 10^0 + 19^2 = 11 + 32 + 41 + 100 + 192 \\
 376 &:= 1^1 + 4^0 + 5^1 + 12^2 + 15^2 = 11 + 40 + 51 + 122 + 152 \\
 376 &:= 1^1 + 4^1 + 6^0 + 9^2 + 17^2 = 11 + 41 + 60 + 92 + 172 \\
 376 &:= 1^2 + 2^0 + 7^2 + 9^0 + 18^2 = 12 + 20 + 72 + 90 + 182 \\
 376 &:= 1^2 + 2^1 + 4^0 + 11^1 + 19^2 = 12 + 21 + 40 + 111 + 192 \\
 376 &:= 1^2 + 3^0 + 7^2 + 8^0 + 18^2 = 12 + 30 + 72 + 80 + 182 \\
 376 &:= 1^2 + 3^1 + 4^0 + 10^1 + 19^2 = 12 + 31 + 40 + 101 + 192 \\
 376 &:= 1^2 + 4^0 + 4^1 + 9^1 + 19^2 = 12 + 40 + 41 + 91 + 192 \\
 376 &:= 1^2 + 4^0 + 5^1 + 8^1 + 19^2 = 12 + 40 + 51 + 81 + 192 \\
 376 &:= 1^2 + 4^0 + 6^1 + 7^1 + 19^2 = 12 + 40 + 61 + 71 + 192 \\
 376 &:= 1^2 + 4^0 + 7^0 + 7^2 + 18^2 = 12 + 40 + 70 + 72 + 182 \\
 376 &:= 1^2 + 5^0 + 6^0 + 7^2 + 18^2 = 12 + 50 + 60 + 72 + 182
 \end{aligned}$$

$$\begin{aligned} 376 &:= 1^3 + 1^9 + 7^2 + 9^0 + 18^2 = 13 + 19 + 72 + 90 + 182 \\ 376 &:= 1^3 + 2^0 + 3^0 + 12^1 + 19^2 = 13 + 20 + 30 + 121 + 192 \\ 376 &:= 1^3 + 2^7 + 3^1 + 3^5 + 27^0 = 13 + 27 + 31 + 35 + 270 \\ 376 &:= 1^3 + 2^8 + 6^2 + 8^2 + 19^1 = 13 + 28 + 62 + 82 + 191 \\ 376 &:= 1^4 + 1^8 + 7^2 + 9^0 + 18^2 = 14 + 18 + 72 + 90 + 182 \\ 376 &:= 1^4 + 1^9 + 3^0 + 12^1 + 19^2 = 14 + 19 + 30 + 121 + 192 \\ 376 &:= 1^4 + 2^3 + 2^6 + 14^1 + 17^2 = 14 + 23 + 26 + 141 + 172 \\ 376 &:= 1^4 + 2^7 + 5^3 + 11^2 + 17^0 = 14 + 27 + 53 + 112 + 170 \\ 376 &:= 1^5 + 1^7 + 7^2 + 9^0 + 18^2 = 15 + 17 + 72 + 90 + 182 \\ 376 &:= 1^5 + 1^8 + 3^0 + 12^1 + 19^2 = 15 + 18 + 30 + 121 + 192 \\ 376 &:= 1^5 + 2^6 + 3^2 + 13^1 + 17^2 = 15 + 26 + 32 + 131 + 172 \\ 376 &:= 1^5 + 2^8 + 5^0 + 10^2 + 18^1 = 15 + 28 + 50 + 102 + 181 \\ 376 &:= 1^6 + 1^6 + 7^2 + 9^0 + 18^2 = 16 + 16 + 72 + 90 + 182 \\ 376 &:= 1^6 + 1^7 + 3^0 + 12^1 + 19^2 = 16 + 17 + 30 + 121 + 192 \\ 376 &:= 1^7 + 2^4 + 5^2 + 10^1 + 18^2 = 17 + 24 + 52 + 101 + 182 \\ 376 &:= 1^7 + 3^5 + 5^3 + 6^1 + 21^0 = 17 + 35 + 53 + 61 + 210 \\ 376 &:= 1^8 + 2^2 + 2^2 + 7^3 + 24^1 = 18 + 22 + 22 + 73 + 241 \\ 376 &:= 1^8 + 2^2 + 3^3 + 7^3 + 23^0 = 18 + 22 + 33 + 73 + 230 \\ 376 &:= 1^8 + 2^2 + 3^4 + 13^0 + 17^2 = 18 + 22 + 34 + 130 + 172 \\ 376 &:= 1^8 + 2^2 + 9^2 + 11^2 + 13^2 = 18 + 22 + 92 + 112 + 132 \\ 376 &:= 1^8 + 2^4 + 7^3 + 11^0 + 15^1 = 18 + 24 + 73 + 110 + 151 \\ 376 &:= 1^8 + 3^2 + 7^2 + 11^2 + 14^2 = 18 + 32 + 72 + 112 + 142 \\ 376 &:= 1^8 + 3^5 + 10^1 + 11^0 + 11^2 = 18 + 35 + 101 + 110 + 112 \\ 376 &:= 1^8 + 5^2 + 5^2 + 10^2 + 15^2 = 18 + 52 + 52 + 102 + 152 \\ 376 &:= 1^8 + 5^2 + 6^3 + 11^2 + 13^1 = 18 + 52 + 63 + 112 + 131 \\ 376 &:= 1^8 + 5^3 + 8^1 + 11^2 + 11^2 = 18 + 53 + 81 + 112 + 112 \\ 376 &:= 1^9 + 2^2 + 6^1 + 13^2 + 14^2 = 19 + 22 + 61 + 132 + 142 \\ 376 &:= 1^9 + 2^3 + 3^0 + 7^3 + 23^1 = 19 + 23 + 30 + 73 + 231 \\ 376 &:= 1^9 + 3^0 + 4^4 + 10^2 + 18^1 = 19 + 30 + 44 + 102 + 181 \\ 376 &:= 1^9 + 3^3 + 4^1 + 7^3 + 21^0 = 19 + 33 + 41 + 73 + 210 \\ 376 &:= 1^9 + 3^4 + 4^1 + 11^0 + 17^2 = 19 + 34 + 41 + 110 + 172 \\ 376 &:= 1^9 + 4^1 + 5^2 + 11^2 + 15^2 = 19 + 41 + 52 + 112 + 152 \\ 376 &:= 1^9 + 4^2 + 6^1 + 8^2 + 17^2 = 19 + 42 + 61 + 82 + 172 \\ 376 &:= 2^0 + 2^2 + 3^2 + 11^0 + 19^2 = 20 + 22 + 32 + 110 + 192 \\ 376 &:= 2^0 + 2^2 + 7^0 + 9^2 + 17^2 = 20 + 22 + 70 + 92 + 172 \\ 376 &:= 2^0 + 2^3 + 5^1 + 9^0 + 19^2 = 20 + 23 + 51 + 90 + 192 \\ 376 &:= 2^0 + 3^0 + 3^2 + 7^3 + 22^1 = 20 + 30 + 32 + 73 + 221 \\ 376 &:= 2^0 + 3^0 + 6^2 + 13^2 + 13^2 = 20 + 30 + 62 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 376 &:= 2^0 + 3^0 + 6^3 + 12^2 + 14^1 = 20 + 30 + 63 + 122 + 141 \\ 376 &:= 2^0 + 3^0 + 7^2 + 10^2 + 15^2 = 20 + 30 + 72 + 102 + 152 \\ 376 &:= 2^0 + 3^2 + 5^0 + 13^2 + 14^2 = 20 + 32 + 50 + 132 + 142 \\ 376 &:= 2^0 + 4^2 + 7^3 + 9^0 + 15^1 = 20 + 42 + 73 + 90 + 151 \\ 376 &:= 2^0 + 5^0 + 6^2 + 7^2 + 17^2 = 20 + 50 + 62 + 72 + 172 \\ 376 &:= 2^0 + 5^2 + 5^2 + 7^0 + 18^2 = 20 + 52 + 52 + 70 + 182 \\ 376 &:= 2^0 + 5^2 + 6^1 + 7^3 + 17^0 = 20 + 52 + 61 + 73 + 170 \\ 376 &:= 2^1 + 2^2 + 6^0 + 8^1 + 19^2 = 21 + 22 + 60 + 81 + 192 \\ 376 &:= 2^1 + 2^4 + 2^8 + 9^2 + 21^1 = 21 + 24 + 28 + 92 + 211 \\ 376 &:= 2^1 + 3^1 + 3^2 + 10^0 + 19^2 = 21 + 31 + 32 + 100 + 192 \\ 376 &:= 2^1 + 3^1 + 6^0 + 9^2 + 17^2 = 21 + 31 + 60 + 92 + 172 \\ 376 &:= 2^1 + 4^0 + 4^1 + 12^2 + 15^2 = 21 + 40 + 41 + 122 + 152 \\ 376 &:= 2^2 + 2^6 + 3^3 + 4^4 + 25^1 = 22 + 26 + 33 + 44 + 251 \\ 376 &:= 2^2 + 2^6 + 3^5 + 4^3 + 25^0 = 22 + 26 + 35 + 43 + 250 \\ 376 &:= 2^2 + 3^0 + 3^2 + 10^0 + 19^2 = 22 + 30 + 32 + 100 + 192 \\ 376 &:= 2^2 + 3^0 + 6^0 + 9^2 + 17^2 = 22 + 30 + 60 + 92 + 172 \\ 376 &:= 2^2 + 3^1 + 6^0 + 7^1 + 19^2 = 22 + 31 + 60 + 71 + 192 \\ 376 &:= 2^2 + 3^2 + 4^0 + 9^0 + 19^2 = 22 + 32 + 40 + 90 + 192 \\ 376 &:= 2^2 + 3^2 + 5^0 + 8^0 + 19^2 = 22 + 32 + 50 + 80 + 192 \\ 376 &:= 2^2 + 3^2 + 6^0 + 7^0 + 19^2 = 22 + 32 + 60 + 70 + 192 \\ 376 &:= 2^2 + 4^0 + 5^0 + 9^2 + 17^2 = 22 + 40 + 50 + 92 + 172 \\ 376 &:= 2^2 + 4^1 + 6^0 + 6^1 + 19^2 = 22 + 41 + 60 + 61 + 192 \\ 376 &:= 2^2 + 5^1 + 5^1 + 6^0 + 19^2 = 22 + 51 + 51 + 60 + 192 \\ 376 &:= 2^3 + 2^6 + 4^4 + 5^2 + 23^1 = 23 + 26 + 44 + 52 + 231 \\ 376 &:= 2^3 + 3^0 + 5^1 + 8^0 + 19^2 = 23 + 30 + 51 + 80 + 192 \\ 376 &:= 2^3 + 4^0 + 5^1 + 7^0 + 19^2 = 23 + 40 + 51 + 70 + 192 \\ 376 &:= 2^3 + 5^0 + 5^1 + 6^0 + 19^2 = 23 + 50 + 51 + 60 + 192 \\ 376 &:= 2^4 + 2^4 + 3^5 + 9^2 + 20^1 = 24 + 24 + 35 + 92 + 201 \\ 376 &:= 2^4 + 2^4 + 4^3 + 4^4 + 24^1 = 24 + 24 + 43 + 44 + 241 \\ 376 &:= 2^4 + 2^6 + 3^3 + 13^1 + 16^2 = 24 + 26 + 33 + 131 + 162 \\ 376 &:= 2^4 + 2^7 + 10^2 + 11^1 + 11^2 = 24 + 27 + 102 + 111 + 112 \\ 376 &:= 2^4 + 2^8 + 3^1 + 9^2 + 20^1 = 24 + 28 + 31 + 92 + 201 \\ 376 &:= 2^4 + 2^8 + 4^1 + 9^2 + 19^1 = 24 + 28 + 41 + 92 + 191 \\ 376 &:= 2^4 + 2^8 + 5^1 + 9^2 + 18^1 = 24 + 28 + 51 + 92 + 181 \\ 376 &:= 2^4 + 2^8 + 6^1 + 9^2 + 17^1 = 24 + 28 + 61 + 92 + 171 \\ 376 &:= 2^4 + 2^8 + 7^1 + 9^2 + 16^1 = 24 + 28 + 71 + 92 + 161 \\ 376 &:= 2^4 + 2^8 + 8^1 + 9^2 + 15^1 = 24 + 28 + 81 + 92 + 151 \\ 376 &:= 2^4 + 2^8 + 9^1 + 9^2 + 14^1 = 24 + 28 + 91 + 92 + 141 \end{aligned}$$

$$\begin{aligned}
 376 &:= 2^4 + 2^8 + 9^2 + 10^1 + 13^1 = 24 + 28 + 92 + 101 + 131 \\
 376 &:= 2^4 + 2^8 + 9^2 + 11^1 + 12^1 = 24 + 28 + 92 + 111 + 121 \\
 376 &:= 2^5 + 2^6 + 4^4 + 5^0 + 23^1 = 25 + 26 + 44 + 50 + 231 \\
 376 &:= 2^5 + 2^8 + 6^1 + 9^2 + 17^0 = 25 + 28 + 61 + 92 + 170 \\
 376 &:= 2^6 + 2^7 + 5^0 + 13^2 + 14^1 = 26 + 27 + 50 + 132 + 141 \\
 376 &:= 2^8 + 3^2 + 3^3 + 8^2 + 20^1 = 28 + 32 + 33 + 82 + 201 \\
 376 &:= 2^8 + 3^2 + 4^3 + 5^2 + 22^1 = 28 + 32 + 43 + 52 + 221 \\
 376 &:= 2^8 + 3^3 + 3^4 + 11^1 + 17^0 = 28 + 33 + 34 + 111 + 170 \\
 376 &:= 2^8 + 3^3 + 5^2 + 7^2 + 19^1 = 28 + 33 + 52 + 72 + 191 \\
 376 &:= 3^0 + 3^2 + 4^0 + 13^2 + 14^2 = 30 + 32 + 40 + 132 + 142 \\
 376 &:= 3^0 + 4^0 + 6^2 + 7^2 + 17^2 = 30 + 40 + 62 + 72 + 172 \\
 376 &:= 3^0 + 4^2 + 7^3 + 8^0 + 15^1 = 30 + 42 + 73 + 80 + 151 \\
 376 &:= 3^0 + 5^2 + 5^2 + 6^0 + 18^2 = 30 + 52 + 52 + 60 + 182
 \end{aligned}$$

$$\begin{aligned}
 376 &:= 3^0 + 5^2 + 6^1 + 7^3 + 16^0 = 30 + 52 + 61 + 73 + 160 \\
 376 &:= 3^1 + 3^1 + 4^0 + 12^2 + 15^2 = 31 + 31 + 40 + 122 + 152 \\
 376 &:= 4^0 + 4^2 + 7^0 + 7^3 + 15^1 = 40 + 42 + 70 + 73 + 151 \\
 376 &:= 4^0 + 5^0 + 5^2 + 5^2 + 18^2 = 40 + 50 + 52 + 52 + 182 \\
 376 &:= 4^0 + 5^2 + 6^1 + 7^3 + 15^0 = 40 + 52 + 61 + 73 + 150 \\
 376 &:= 4^2 + 5^0 + 6^0 + 7^3 + 15^1 = 42 + 50 + 60 + 73 + 151 \\
 376 &:= 5^0 + 5^2 + 6^1 + 7^3 + 14^0 = 50 + 52 + 61 + 73 + 140 \\
 376 &:= 5^2 + 6^0 + 6^1 + 7^3 + 13^0 = 52 + 60 + 61 + 73 + 130 \\
 376 &:= 5^2 + 6^1 + 7^0 + 7^3 + 12^0 = 52 + 61 + 70 + 73 + 120 \\
 376 &:= 5^2 + 6^1 + 7^3 + 8^0 + 11^0 = 52 + 61 + 73 + 80 + 110 \\
 376 &:= 5^2 + 6^1 + 7^3 + 9^0 + 10^0 = 52 + 61 + 73 + 90 + 100
 \end{aligned}$$

2.2.278 Number 377

$$\begin{aligned}
 377 &:= 1^4 + 3^0 + 14^1 + 19^2 = 14 + 30 + 141 + 192 \\
 377 &:= 1^9 + 2^5 + 7^3 + 26^0 = 19 + 25 + 73 + 260 \\
 377 &:= 2^2 + 8^1 + 13^2 + 14^2 = 22 + 81 + 132 + 142 \\
 377 &:= 2^3 + 3^0 + 7^3 + 25^1 = 23 + 30 + 73 + 251 \\
 377 &:= 3^0 + 4^4 + 10^2 + 20^1 = 30 + 44 + 102 + 201 \\
 377 &:= 3^3 + 5^2 + 11^0 + 18^2 = 33 + 52 + 110 + 182 \\
 377 &:= 3^3 + 6^1 + 7^3 + 21^0 = 33 + 61 + 73 + 210 \\
 377 &:= 3^4 + 6^1 + 11^0 + 17^2 = 34 + 61 + 110 + 172 \\
 377 &:= 4^2 + 6^3 + 12^2 + 15^0 = 42 + 63 + 122 + 150 \\
 377 &:= 4^2 + 8^1 + 8^2 + 17^2 = 42 + 81 + 82 + 172 \\
 377 &:= 5^2 + 6^1 + 11^2 + 15^2 = 52 + 61 + 112 + 152 \\
 377 &:= 1^0 + 1^4 + 3^0 + 13^1 + 19^2 = 10 + 14 + 30 + 131 + 192 \\
 377 &:= 1^0 + 2^2 + 7^1 + 13^2 + 14^2 = 10 + 22 + 71 + 132 + 142 \\
 377 &:= 1^0 + 2^3 + 3^0 + 7^3 + 24^1 = 10 + 23 + 30 + 73 + 241 \\
 377 &:= 1^0 + 3^0 + 4^4 + 10^2 + 19^1 = 10 + 30 + 44 + 102 + 191 \\
 377 &:= 1^0 + 3^3 + 5^1 + 7^3 + 21^0 = 10 + 33 + 51 + 73 + 210 \\
 377 &:= 1^0 + 3^4 + 5^1 + 11^0 + 17^2 = 10 + 34 + 51 + 110 + 172 \\
 377 &:= 1^0 + 4^2 + 4^2 + 7^3 + 21^0 = 10 + 42 + 42 + 73 + 210 \\
 377 &:= 1^0 + 4^2 + 7^1 + 8^2 + 17^2 = 10 + 42 + 71 + 82 + 172 \\
 377 &:= 1^0 + 5^1 + 5^2 + 11^2 + 15^2 = 10 + 51 + 52 + 112 + 152 \\
 377 &:= 1^0 + 5^2 + 5^3 + 11^0 + 15^2 = 10 + 52 + 53 + 110 + 152 \\
 377 &:= 1^0 + 5^3 + 9^0 + 9^2 + 13^2 = 10 + 53 + 90 + 92 + 132 \\
 377 &:= 1^1 + 1^3 + 3^0 + 13^1 + 19^2 = 11 + 13 + 30 + 131 + 192
 \end{aligned}$$

$$\begin{aligned}
 377 &:= 1^1 + 2^3 + 6^1 + 9^0 + 19^2 = 11 + 23 + 61 + 90 + 192 \\
 377 &:= 1^1 + 3^0 + 3^2 + 7^3 + 23^1 = 11 + 30 + 32 + 73 + 231 \\
 377 &:= 1^1 + 3^0 + 6^3 + 12^2 + 15^1 = 11 + 30 + 63 + 122 + 151 \\
 377 &:= 1^1 + 4^2 + 7^3 + 9^0 + 16^1 = 11 + 42 + 73 + 90 + 161 \\
 377 &:= 1^1 + 5^2 + 7^1 + 7^3 + 17^0 = 11 + 52 + 71 + 73 + 170 \\
 377 &:= 1^2 + 1^2 + 3^0 + 13^1 + 19^2 = 12 + 12 + 30 + 131 + 192 \\
 377 &:= 1^2 + 2^1 + 7^2 + 9^0 + 18^2 = 12 + 21 + 72 + 90 + 182 \\
 377 &:= 1^2 + 2^2 + 5^0 + 10^1 + 19^2 = 12 + 22 + 50 + 101 + 192 \\
 377 &:= 1^2 + 3^0 + 6^1 + 12^2 + 15^2 = 12 + 30 + 61 + 122 + 152 \\
 377 &:= 1^2 + 3^2 + 5^1 + 9^0 + 19^2 = 12 + 32 + 51 + 90 + 192 \\
 377 &:= 1^2 + 5^0 + 5^1 + 9^2 + 17^2 = 12 + 50 + 51 + 92 + 172 \\
 377 &:= 1^3 + 2^1 + 3^0 + 12^1 + 19^2 = 13 + 21 + 30 + 121 + 192 \\
 377 &:= 1^3 + 3^0 + 3^1 + 11^1 + 19^2 = 13 + 30 + 31 + 111 + 192 \\
 377 &:= 1^3 + 3^0 + 4^1 + 10^1 + 19^2 = 13 + 30 + 41 + 101 + 192 \\
 377 &:= 1^3 + 3^0 + 5^1 + 9^1 + 19^2 = 13 + 30 + 51 + 91 + 192 \\
 377 &:= 1^3 + 3^0 + 6^1 + 8^1 + 19^2 = 13 + 30 + 61 + 81 + 192 \\
 377 &:= 1^3 + 3^0 + 7^1 + 7^1 + 19^2 = 13 + 30 + 71 + 71 + 192 \\
 377 &:= 1^4 + 2^0 + 2^0 + 13^1 + 19^2 = 14 + 20 + 20 + 131 + 192 \\
 377 &:= 1^4 + 2^7 + 3^5 + 4^1 + 26^0 = 14 + 27 + 35 + 41 + 260 \\
 377 &:= 1^5 + 1^9 + 2^0 + 13^1 + 19^2 = 15 + 19 + 20 + 131 + 192 \\
 377 &:= 1^5 + 2^5 + 3^5 + 10^2 + 20^0 = 15 + 25 + 35 + 102 + 200 \\
 377 &:= 1^6 + 1^8 + 2^0 + 13^1 + 19^2 = 16 + 18 + 20 + 131 + 192 \\
 377 &:= 1^6 + 1^9 + 1^9 + 13^1 + 19^2 = 16 + 19 + 19 + 131 + 192
 \end{aligned}$$

$$\begin{aligned}
 377 &:= 1^6 + 2^4 + 2^4 + 7^3 + 24^0 = 16 + 24 + 24 + 73 + 240 \\
 377 &:= 1^6 + 2^8 + 4^0 + 10^2 + 19^1 = 16 + 28 + 40 + 102 + 191 \\
 377 &:= 1^7 + 1^7 + 2^0 + 13^1 + 19^2 = 17 + 17 + 20 + 131 + 192 \\
 377 &:= 1^7 + 1^8 + 1^9 + 13^1 + 19^2 = 17 + 18 + 19 + 131 + 192 \\
 377 &:= 1^8 + 1^8 + 1^8 + 13^1 + 19^2 = 18 + 18 + 18 + 131 + 192 \\
 377 &:= 1^8 + 2^4 + 4^2 + 7^3 + 22^0 = 18 + 24 + 42 + 73 + 220 \\
 377 &:= 1^8 + 3^4 + 5^3 + 13^2 + 14^0 = 18 + 34 + 53 + 132 + 140 \\
 377 &:= 1^8 + 3^5 + 5^3 + 7^1 + 20^0 = 18 + 35 + 53 + 71 + 200 \\
 377 &:= 1^8 + 5^3 + 5^3 + 5^3 + 20^0 = 18 + 53 + 53 + 53 + 200 \\
 377 &:= 1^9 + 2^4 + 7^3 + 10^0 + 16^1 = 19 + 24 + 73 + 100 + 161 \\
 377 &:= 1^9 + 3^5 + 10^0 + 11^1 + 11^2 = 19 + 35 + 100 + 111 + 112 \\
 377 &:= 2^0 + 2^0 + 2^3 + 7^3 + 24^1 = 20 + 20 + 23 + 73 + 241 \\
 377 &:= 2^0 + 2^0 + 4^4 + 10^2 + 19^1 = 20 + 20 + 44 + 102 + 191 \\
 377 &:= 2^0 + 2^7 + 2^7 + 10^2 + 20^1 = 20 + 27 + 27 + 102 + 201 \\
 377 &:= 2^0 + 3^3 + 5^1 + 7^3 + 20^0 = 20 + 33 + 51 + 73 + 200 \\
 377 &:= 2^0 + 3^4 + 5^1 + 10^0 + 17^2 = 20 + 34 + 51 + 100 + 172 \\
 377 &:= 2^0 + 4^2 + 4^2 + 7^3 + 20^0 = 20 + 42 + 42 + 73 + 200 \\
 377 &:= 2^0 + 5^2 + 5^3 + 10^0 + 15^2 = 20 + 52 + 53 + 100 + 152 \\
 377 &:= 2^0 + 5^3 + 8^0 + 9^2 + 13^2 = 20 + 53 + 80 + 92 + 132 \\
 377 &:= 2^1 + 2^2 + 3^2 + 11^0 + 19^2 = 21 + 22 + 32 + 110 + 192 \\
 377 &:= 2^1 + 2^2 + 7^0 + 9^2 + 17^2 = 21 + 22 + 70 + 92 + 172 \\
 377 &:= 2^1 + 2^3 + 5^1 + 9^0 + 19^2 = 21 + 23 + 51 + 90 + 192 \\
 377 &:= 2^1 + 3^0 + 3^2 + 7^3 + 22^1 = 21 + 30 + 32 + 73 + 221 \\
 377 &:= 2^1 + 3^0 + 6^2 + 13^2 + 13^2 = 21 + 30 + 62 + 132 + 132 \\
 377 &:= 2^1 + 3^0 + 6^3 + 12^2 + 14^1 = 21 + 30 + 63 + 122 + 141 \\
 377 &:= 2^1 + 3^0 + 7^2 + 10^2 + 15^2 = 21 + 30 + 72 + 102 + 152 \\
 377 &:= 2^1 + 3^2 + 5^0 + 13^2 + 14^2 = 21 + 32 + 50 + 132 + 142 \\
 377 &:= 2^1 + 4^2 + 7^3 + 9^0 + 15^1 = 21 + 42 + 73 + 90 + 151 \\
 377 &:= 2^1 + 5^0 + 6^2 + 7^2 + 17^2 = 21 + 50 + 62 + 72 + 172 \\
 377 &:= 2^1 + 5^2 + 5^2 + 7^0 + 18^2 = 21 + 52 + 52 + 70 + 182 \\
 377 &:= 2^1 + 5^2 + 6^1 + 7^3 + 17^0 = 21 + 52 + 61 + 73 + 170 \\
 377 &:= 2^2 + 2^2 + 7^0 + 7^1 + 19^2 = 22 + 22 + 70 + 71 + 192 \\
 377 &:= 2^2 + 3^1 + 5^0 + 12^2 + 15^2 = 22 + 31 + 50 + 122 + 152 \\
 377 &:= 2^3 + 3^1 + 4^1 + 9^0 + 19^2 = 23 + 31 + 41 + 90 + 192 \\
 377 &:= 2^4 + 2^8 + 3^4 + 6^0 + 23^1 = 24 + 28 + 34 + 60 + 231 \\
 377 &:= 2^5 + 2^6 + 4^3 + 6^3 + 22^0 = 25 + 26 + 43 + 63 + 220 \\
 377 &:= 2^5 + 2^8 + 4^0 + 4^3 + 24^1 = 25 + 28 + 40 + 43 + 241 \\
 377 &:= 2^6 + 2^8 + 6^0 + 6^2 + 20^1 = 26 + 28 + 60 + 62 + 201
 \end{aligned}$$

$$\begin{aligned}
 377 &:= 2^6 + 2^8 + 7^1 + 7^2 + 18^0 = 26 + 28 + 71 + 72 + 180 \\
 377 &:= 3^0 + 3^1 + 3^2 + 7^3 + 21^1 = 30 + 31 + 32 + 73 + 211 \\
 377 &:= 3^0 + 3^1 + 6^2 + 9^2 + 16^2 = 30 + 31 + 62 + 92 + 162 \\
 377 &:= 3^0 + 3^1 + 6^3 + 12^2 + 13^1 = 30 + 31 + 63 + 122 + 131 \\
 377 &:= 3^0 + 3^2 + 4^1 + 7^3 + 20^1 = 30 + 32 + 41 + 73 + 201 \\
 377 &:= 3^0 + 3^2 + 5^1 + 7^3 + 19^1 = 30 + 32 + 51 + 73 + 191 \\
 377 &:= 3^0 + 3^2 + 6^1 + 7^3 + 18^1 = 30 + 32 + 61 + 73 + 181 \\
 377 &:= 3^0 + 3^2 + 6^2 + 7^1 + 18^2 = 30 + 32 + 62 + 71 + 182 \\
 377 &:= 3^0 + 3^2 + 7^1 + 7^3 + 17^1 = 30 + 32 + 71 + 73 + 171 \\
 377 &:= 3^0 + 3^2 + 7^3 + 10^1 + 14^1 = 30 + 32 + 73 + 101 + 141 \\
 377 &:= 3^0 + 3^2 + 7^3 + 11^1 + 13^1 = 30 + 32 + 73 + 111 + 131 \\
 377 &:= 3^0 + 3^2 + 7^3 + 12^1 + 12^1 = 30 + 32 + 73 + 121 + 121 \\
 377 &:= 3^0 + 3^2 + 7^3 + 8^1 + 16^1 = 30 + 32 + 73 + 81 + 161 \\
 377 &:= 3^0 + 3^2 + 7^3 + 9^1 + 15^1 = 30 + 32 + 73 + 91 + 151 \\
 377 &:= 3^0 + 3^3 + 5^1 + 7^3 + 19^0 = 30 + 33 + 51 + 73 + 190 \\
 377 &:= 3^0 + 3^4 + 5^1 + 9^0 + 17^2 = 30 + 34 + 51 + 90 + 172 \\
 377 &:= 3^0 + 4^1 + 4^2 + 10^2 + 16^2 = 30 + 41 + 42 + 102 + 162 \\
 377 &:= 3^0 + 4^1 + 6^3 + 12^1 + 12^2 = 30 + 41 + 63 + 121 + 122 \\
 377 &:= 3^0 + 4^2 + 4^2 + 7^3 + 19^0 = 30 + 42 + 42 + 73 + 190 \\
 377 &:= 3^0 + 5^1 + 6^3 + 11^1 + 12^2 = 30 + 51 + 63 + 111 + 122 \\
 377 &:= 3^0 + 5^2 + 5^3 + 9^0 + 15^2 = 30 + 52 + 53 + 90 + 152 \\
 377 &:= 3^0 + 5^3 + 7^0 + 9^2 + 13^2 = 30 + 53 + 70 + 92 + 132 \\
 377 &:= 3^0 + 6^1 + 6^3 + 10^1 + 12^2 = 30 + 61 + 63 + 101 + 122 \\
 377 &:= 3^0 + 6^3 + 7^1 + 9^1 + 12^2 = 30 + 63 + 71 + 91 + 122 \\
 377 &:= 3^0 + 6^3 + 8^1 + 8^1 + 12^2 = 30 + 63 + 81 + 81 + 122 \\
 377 &:= 3^1 + 4^2 + 7^3 + 9^0 + 14^1 = 31 + 42 + 73 + 90 + 141 \\
 377 &:= 3^1 + 5^1 + 5^2 + 7^3 + 17^0 = 31 + 51 + 52 + 73 + 170 \\
 377 &:= 3^3 + 4^0 + 5^1 + 7^3 + 18^0 = 33 + 40 + 51 + 73 + 180 \\
 377 &:= 3^3 + 5^0 + 5^1 + 7^3 + 17^0 = 33 + 50 + 51 + 73 + 170 \\
 377 &:= 3^3 + 5^1 + 6^0 + 7^3 + 16^0 = 33 + 51 + 60 + 73 + 160 \\
 377 &:= 3^3 + 5^1 + 7^0 + 7^3 + 15^0 = 33 + 51 + 70 + 73 + 150 \\
 377 &:= 3^3 + 5^1 + 7^3 + 10^0 + 12^0 = 33 + 51 + 73 + 100 + 120 \\
 377 &:= 3^3 + 5^1 + 7^3 + 11^0 + 11^0 = 33 + 51 + 73 + 110 + 110 \\
 377 &:= 3^3 + 5^1 + 7^3 + 8^0 + 14^0 = 33 + 51 + 73 + 80 + 140 \\
 377 &:= 3^3 + 5^1 + 7^3 + 9^0 + 13^0 = 33 + 51 + 73 + 90 + 130 \\
 377 &:= 3^4 + 4^0 + 5^1 + 8^0 + 17^2 = 34 + 40 + 51 + 80 + 172 \\
 377 &:= 3^4 + 5^0 + 5^1 + 7^0 + 17^2 = 34 + 50 + 51 + 70 + 172 \\
 377 &:= 3^4 + 5^1 + 6^0 + 6^0 + 17^2 = 34 + 51 + 60 + 60 + 172
 \end{aligned}$$

$$\begin{aligned}
 377 &:= 4^0 + 4^2 + 4^2 + 7^3 + 18^0 = 40 + 42 + 42 + 73 + 180 \\
 377 &:= 4^0 + 5^2 + 5^3 + 8^0 + 15^2 = 40 + 52 + 53 + 80 + 152 \\
 377 &:= 4^0 + 5^3 + 6^0 + 9^2 + 13^2 = 40 + 53 + 60 + 92 + 132 \\
 377 &:= 4^1 + 4^1 + 5^2 + 7^3 + 17^0 = 41 + 41 + 52 + 73 + 170 \\
 377 &:= 4^1 + 4^2 + 7^3 + 9^0 + 13^1 = 41 + 42 + 73 + 90 + 131 \\
 377 &:= 4^2 + 4^2 + 5^0 + 7^3 + 17^0 = 42 + 42 + 50 + 73 + 170 \\
 377 &:= 4^2 + 4^2 + 6^0 + 7^3 + 16^0 = 42 + 42 + 60 + 73 + 160 \\
 377 &:= 4^2 + 4^2 + 7^0 + 7^3 + 15^0 = 42 + 42 + 70 + 73 + 150 \\
 377 &:= 4^2 + 4^2 + 7^3 + 10^0 + 12^0 = 42 + 42 + 73 + 100 + 120 \\
 377 &:= 4^2 + 4^2 + 7^3 + 11^0 + 11^0 = 42 + 42 + 73 + 110 + 110
 \end{aligned}$$

$$\begin{aligned}
 377 &:= 4^2 + 4^2 + 7^3 + 8^0 + 14^0 = 42 + 42 + 73 + 80 + 140 \\
 377 &:= 4^2 + 4^2 + 7^3 + 9^0 + 13^0 = 42 + 42 + 73 + 90 + 130 \\
 377 &:= 4^2 + 5^1 + 7^3 + 9^0 + 12^1 = 42 + 51 + 73 + 90 + 121 \\
 377 &:= 4^2 + 6^1 + 7^3 + 9^0 + 11^1 = 42 + 61 + 73 + 90 + 111 \\
 377 &:= 4^2 + 7^1 + 7^3 + 9^0 + 10^1 = 42 + 71 + 73 + 90 + 101 \\
 377 &:= 4^2 + 7^3 + 8^1 + 9^0 + 9^1 = 42 + 73 + 81 + 90 + 91 \\
 377 &:= 5^0 + 5^0 + 5^3 + 9^2 + 13^2 = 50 + 50 + 53 + 92 + 132 \\
 377 &:= 5^0 + 5^2 + 5^3 + 7^0 + 15^2 = 50 + 52 + 53 + 70 + 152 \\
 377 &:= 5^2 + 5^3 + 6^0 + 6^0 + 15^2 = 52 + 53 + 60 + 60 + 152
 \end{aligned}$$

2.2.279 Number 378

$$\begin{aligned}
 378 &:= 1^5 + 2^0 + 15^1 + 19^2 = 15 + 20 + 151 + 192 \\
 378 &:= 1^6 + 1^9 + 15^1 + 19^2 = 16 + 19 + 151 + 192 \\
 378 &:= 1^7 + 1^8 + 15^1 + 19^2 = 17 + 18 + 151 + 192 \\
 378 &:= 2^3 + 2^3 + 14^0 + 19^2 = 23 + 23 + 140 + 192 \\
 378 &:= 2^4 + 7^3 + 10^0 + 18^1 = 24 + 73 + 100 + 181 \\
 378 &:= 3^3 + 5^3 + 14^0 + 15^2 = 33 + 53 + 140 + 152 \\
 378 &:= 3^4 + 10^0 + 10^2 + 14^2 = 34 + 100 + 102 + 142 \\
 378 &:= 3^5 + 10^0 + 11^2 + 13^1 = 35 + 100 + 112 + 131 \\
 378 &:= 5^3 + 6^2 + 6^3 + 20^0 = 53 + 62 + 63 + 200 \\
 378 &:= 1^0 + 1^0 + 2^5 + 7^3 + 26^0 = 10 + 10 + 25 + 73 + 260 \\
 378 &:= 1^0 + 1^5 + 2^0 + 14^1 + 19^2 = 10 + 15 + 20 + 141 + 192 \\
 378 &:= 1^0 + 1^6 + 1^9 + 14^1 + 19^2 = 10 + 16 + 19 + 141 + 192 \\
 378 &:= 1^0 + 1^7 + 1^8 + 14^1 + 19^2 = 10 + 17 + 18 + 141 + 192 \\
 378 &:= 1^0 + 2^0 + 2^5 + 7^3 + 25^0 = 10 + 20 + 25 + 73 + 250 \\
 378 &:= 1^0 + 2^3 + 5^2 + 7^3 + 22^0 = 10 + 23 + 52 + 73 + 220 \\
 378 &:= 1^0 + 2^4 + 6^2 + 10^0 + 18^2 = 10 + 24 + 62 + 100 + 182 \\
 378 &:= 1^0 + 2^4 + 7^3 + 10^0 + 17^1 = 10 + 24 + 73 + 100 + 171 \\
 378 &:= 1^0 + 2^5 + 3^0 + 7^3 + 24^0 = 10 + 25 + 30 + 73 + 240 \\
 378 &:= 1^0 + 2^5 + 4^0 + 7^3 + 23^0 = 10 + 25 + 40 + 73 + 230 \\
 378 &:= 1^0 + 2^5 + 5^0 + 7^3 + 22^0 = 10 + 25 + 50 + 73 + 220 \\
 378 &:= 1^0 + 2^5 + 6^0 + 7^3 + 21^0 = 10 + 25 + 60 + 73 + 210 \\
 378 &:= 1^0 + 2^5 + 7^0 + 7^3 + 20^0 = 10 + 25 + 70 + 73 + 200 \\
 378 &:= 1^0 + 2^5 + 7^3 + 10^0 + 17^0 = 10 + 25 + 73 + 100 + 170 \\
 378 &:= 1^0 + 2^5 + 7^3 + 11^0 + 16^0 = 10 + 25 + 73 + 110 + 160 \\
 378 &:= 1^0 + 2^5 + 7^3 + 12^0 + 15^0 = 10 + 25 + 73 + 120 + 150
 \end{aligned}$$

$$\begin{aligned}
 378 &:= 1^0 + 2^5 + 7^3 + 13^0 + 14^0 = 10 + 25 + 73 + 130 + 140 \\
 378 &:= 1^0 + 2^5 + 7^3 + 8^0 + 19^0 = 10 + 25 + 73 + 80 + 190 \\
 378 &:= 1^0 + 2^5 + 7^3 + 9^0 + 18^0 = 10 + 25 + 73 + 90 + 180 \\
 378 &:= 1^0 + 3^5 + 10^0 + 11^2 + 12^1 = 10 + 35 + 100 + 112 + 121 \\
 378 &:= 1^1 + 1^4 + 2^0 + 14^1 + 19^2 = 11 + 14 + 20 + 141 + 192 \\
 378 &:= 1^1 + 1^5 + 1^9 + 14^1 + 19^2 = 11 + 15 + 19 + 141 + 192 \\
 378 &:= 1^1 + 1^6 + 1^8 + 14^1 + 19^2 = 11 + 16 + 18 + 141 + 192 \\
 378 &:= 1^1 + 1^7 + 1^7 + 14^1 + 19^2 = 11 + 17 + 17 + 141 + 192 \\
 378 &:= 1^1 + 1^9 + 2^5 + 7^3 + 25^0 = 11 + 19 + 25 + 73 + 250 \\
 378 &:= 1^1 + 2^0 + 2^3 + 7^3 + 25^1 = 11 + 20 + 23 + 73 + 251 \\
 378 &:= 1^1 + 2^0 + 4^4 + 10^2 + 20^1 = 11 + 20 + 44 + 102 + 201 \\
 378 &:= 1^1 + 2^7 + 2^7 + 10^2 + 21^1 = 11 + 27 + 27 + 102 + 211 \\
 378 &:= 1^1 + 3^3 + 5^2 + 10^0 + 18^2 = 11 + 33 + 52 + 100 + 182 \\
 378 &:= 1^1 + 3^3 + 6^1 + 7^3 + 20^0 = 11 + 33 + 61 + 73 + 200 \\
 378 &:= 1^1 + 3^4 + 6^1 + 10^0 + 17^2 = 11 + 34 + 61 + 100 + 172 \\
 378 &:= 1^1 + 4^2 + 6^3 + 12^2 + 14^0 = 11 + 42 + 63 + 122 + 140 \\
 378 &:= 1^2 + 1^3 + 2^0 + 14^1 + 19^2 = 12 + 13 + 20 + 141 + 192 \\
 378 &:= 1^2 + 1^4 + 1^9 + 14^1 + 19^2 = 12 + 14 + 19 + 141 + 192 \\
 378 &:= 1^2 + 1^5 + 1^8 + 14^1 + 19^2 = 12 + 15 + 18 + 141 + 192 \\
 378 &:= 1^2 + 1^6 + 1^7 + 14^1 + 19^2 = 12 + 16 + 17 + 141 + 192 \\
 378 &:= 1^2 + 1^8 + 2^5 + 7^3 + 25^0 = 12 + 18 + 25 + 73 + 250 \\
 378 &:= 1^2 + 1^9 + 2^3 + 7^3 + 25^1 = 12 + 19 + 23 + 73 + 251 \\
 378 &:= 1^2 + 1^9 + 4^4 + 10^2 + 20^1 = 12 + 19 + 44 + 102 + 201 \\
 378 &:= 1^2 + 2^0 + 3^2 + 7^3 + 24^1 = 12 + 20 + 32 + 73 + 241 \\
 378 &:= 1^2 + 2^0 + 6^3 + 12^2 + 16^1 = 12 + 20 + 63 + 122 + 161
 \end{aligned}$$

$$\begin{aligned} 378 &:= 1^2 + 2^3 + 7^1 + 8^0 + 19^2 = 12 + 23 + 71 + 80 + 192 \\ 378 &:= 1^2 + 4^0 + 6^2 + 12^2 + 14^2 = 12 + 40 + 62 + 122 + 142 \\ 378 &:= 1^2 + 4^2 + 6^2 + 8^0 + 18^2 = 12 + 42 + 62 + 80 + 182 \\ 378 &:= 1^2 + 4^2 + 7^3 + 8^0 + 17^1 = 12 + 42 + 73 + 80 + 171 \\ 378 &:= 1^2 + 5^2 + 7^3 + 8^1 + 16^0 = 12 + 52 + 73 + 81 + 160 \\ 378 &:= 1^3 + 1^3 + 1^9 + 14^1 + 19^2 = 13 + 13 + 19 + 141 + 192 \\ 378 &:= 1^3 + 1^4 + 1^8 + 14^1 + 19^2 = 13 + 14 + 18 + 141 + 192 \\ 378 &:= 1^3 + 1^5 + 1^7 + 14^1 + 19^2 = 13 + 15 + 17 + 141 + 192 \\ 378 &:= 1^3 + 1^6 + 1^6 + 14^1 + 19^2 = 13 + 16 + 16 + 141 + 192 \\ 378 &:= 1^3 + 1^7 + 2^5 + 7^3 + 25^0 = 13 + 17 + 25 + 73 + 250 \\ 378 &:= 1^3 + 1^8 + 2^3 + 7^3 + 25^1 = 13 + 18 + 23 + 73 + 251 \\ 378 &:= 1^3 + 1^8 + 4^4 + 10^2 + 20^1 = 13 + 18 + 44 + 102 + 201 \\ 378 &:= 1^3 + 1^9 + 3^2 + 7^3 + 24^1 = 13 + 19 + 32 + 73 + 241 \\ 378 &:= 1^3 + 1^9 + 6^3 + 12^2 + 16^1 = 13 + 19 + 63 + 122 + 161 \\ 378 &:= 1^3 + 2^0 + 7^1 + 12^2 + 15^2 = 13 + 20 + 71 + 122 + 152 \\ 378 &:= 1^3 + 2^2 + 4^0 + 11^1 + 19^2 = 13 + 22 + 40 + 111 + 192 \\ 378 &:= 1^3 + 2^5 + 2^7 + 6^3 + 25^0 = 13 + 25 + 27 + 63 + 250 \\ 378 &:= 1^3 + 3^1 + 7^2 + 8^0 + 18^2 = 13 + 31 + 72 + 80 + 182 \\ 378 &:= 1^3 + 3^2 + 6^1 + 8^0 + 19^2 = 13 + 32 + 61 + 80 + 192 \\ 378 &:= 1^3 + 4^0 + 6^1 + 9^2 + 17^2 = 13 + 40 + 61 + 92 + 172 \\ 378 &:= 1^4 + 1^4 + 1^7 + 14^1 + 19^2 = 14 + 14 + 17 + 141 + 192 \\ 378 &:= 1^4 + 1^5 + 1^6 + 14^1 + 19^2 = 14 + 15 + 16 + 141 + 192 \\ 378 &:= 1^4 + 1^6 + 2^5 + 7^3 + 25^0 = 14 + 16 + 25 + 73 + 250 \\ 378 &:= 1^4 + 1^7 + 2^3 + 7^3 + 25^1 = 14 + 17 + 23 + 73 + 251 \\ 378 &:= 1^4 + 1^7 + 4^4 + 10^2 + 20^1 = 14 + 17 + 44 + 102 + 201 \\ 378 &:= 1^4 + 1^8 + 3^2 + 7^3 + 24^1 = 14 + 18 + 32 + 73 + 241 \\ 378 &:= 1^4 + 1^8 + 6^3 + 12^2 + 16^1 = 14 + 18 + 63 + 122 + 161 \\ 378 &:= 1^4 + 1^9 + 7^1 + 12^2 + 15^2 = 14 + 19 + 71 + 122 + 152 \\ 378 &:= 1^4 + 2^0 + 2^1 + 13^1 + 19^2 = 14 + 20 + 21 + 131 + 192 \\ 378 &:= 1^4 + 2^0 + 3^1 + 12^1 + 19^2 = 14 + 20 + 31 + 121 + 192 \\ 378 &:= 1^4 + 2^0 + 4^1 + 11^1 + 19^2 = 14 + 20 + 41 + 111 + 192 \\ 378 &:= 1^4 + 2^0 + 5^1 + 10^1 + 19^2 = 14 + 20 + 51 + 101 + 192 \\ 378 &:= 1^4 + 2^0 + 6^1 + 9^1 + 19^2 = 14 + 20 + 61 + 91 + 192 \\ 378 &:= 1^4 + 2^0 + 7^1 + 8^1 + 19^2 = 14 + 20 + 71 + 81 + 192 \\ 378 &:= 1^4 + 2^3 + 2^7 + 6^3 + 25^1 = 14 + 23 + 27 + 63 + 251 \\ 378 &:= 1^5 + 1^5 + 1^5 + 14^1 + 19^2 = 15 + 15 + 15 + 141 + 192 \\ 378 &:= 1^5 + 1^5 + 2^5 + 7^3 + 25^0 = 15 + 15 + 25 + 73 + 250 \\ 378 &:= 1^5 + 1^6 + 2^3 + 7^3 + 25^1 = 15 + 16 + 23 + 73 + 251 \end{aligned}$$

$$\begin{aligned} 378 &:= 1^5 + 1^6 + 4^4 + 10^2 + 20^1 = 15 + 16 + 44 + 102 + 201 \\ 378 &:= 1^5 + 1^7 + 3^2 + 7^3 + 24^1 = 15 + 17 + 32 + 73 + 241 \\ 378 &:= 1^5 + 1^7 + 6^3 + 12^2 + 16^1 = 15 + 17 + 63 + 122 + 161 \\ 378 &:= 1^5 + 1^8 + 7^1 + 12^2 + 15^2 = 15 + 18 + 71 + 122 + 152 \\ 378 &:= 1^5 + 1^9 + 2^1 + 13^1 + 19^2 = 15 + 19 + 21 + 131 + 192 \\ 378 &:= 1^5 + 1^9 + 3^1 + 12^1 + 19^2 = 15 + 19 + 31 + 121 + 192 \\ 378 &:= 1^5 + 1^9 + 4^1 + 11^1 + 19^2 = 15 + 19 + 41 + 111 + 192 \\ 378 &:= 1^5 + 1^9 + 5^1 + 10^1 + 19^2 = 15 + 19 + 51 + 101 + 192 \\ 378 &:= 1^5 + 1^9 + 6^1 + 9^1 + 19^2 = 15 + 19 + 61 + 91 + 192 \\ 378 &:= 1^5 + 1^9 + 7^1 + 8^1 + 19^2 = 15 + 19 + 71 + 81 + 192 \\ 378 &:= 1^5 + 2^3 + 2^7 + 15^2 + 16^1 = 15 + 23 + 27 + 152 + 161 \\ 378 &:= 1^5 + 2^5 + 3^5 + 9^2 + 21^1 = 15 + 25 + 35 + 92 + 211 \\ 378 &:= 1^5 + 2^5 + 4^3 + 4^4 + 25^1 = 15 + 25 + 43 + 44 + 251 \\ 378 &:= 1^5 + 2^7 + 3^2 + 6^3 + 24^1 = 15 + 27 + 32 + 63 + 241 \\ 378 &:= 1^5 + 2^7 + 3^5 + 5^1 + 25^0 = 15 + 27 + 35 + 51 + 250 \\ 378 &:= 1^5 + 2^7 + 4^3 + 13^2 + 16^1 = 15 + 27 + 43 + 132 + 161 \\ 378 &:= 1^5 + 3^3 + 3^4 + 3^5 + 26^1 = 15 + 33 + 34 + 35 + 261 \\ 378 &:= 1^6 + 1^6 + 3^2 + 7^3 + 24^1 = 16 + 16 + 32 + 73 + 241 \\ 378 &:= 1^6 + 1^6 + 6^3 + 12^2 + 16^1 = 16 + 16 + 63 + 122 + 161 \\ 378 &:= 1^6 + 1^7 + 7^1 + 12^2 + 15^2 = 16 + 17 + 71 + 122 + 152 \\ 378 &:= 1^6 + 1^8 + 2^1 + 13^1 + 19^2 = 16 + 18 + 21 + 131 + 192 \\ 378 &:= 1^6 + 1^8 + 3^1 + 12^1 + 19^2 = 16 + 18 + 31 + 121 + 192 \\ 378 &:= 1^6 + 1^8 + 4^1 + 11^1 + 19^2 = 16 + 18 + 41 + 111 + 192 \\ 378 &:= 1^6 + 1^8 + 5^1 + 10^1 + 19^2 = 16 + 18 + 51 + 101 + 192 \\ 378 &:= 1^6 + 1^8 + 6^1 + 9^1 + 19^2 = 16 + 18 + 61 + 91 + 192 \\ 378 &:= 1^6 + 1^8 + 7^1 + 8^1 + 19^2 = 16 + 18 + 71 + 81 + 192 \\ 378 &:= 1^6 + 2^7 + 3^2 + 15^1 + 15^2 = 16 + 27 + 32 + 151 + 152 \\ 378 &:= 1^7 + 1^7 + 2^1 + 13^1 + 19^2 = 17 + 17 + 21 + 131 + 192 \\ 378 &:= 1^7 + 1^7 + 3^1 + 12^1 + 19^2 = 17 + 17 + 31 + 121 + 192 \\ 378 &:= 1^7 + 1^7 + 4^1 + 11^1 + 19^2 = 17 + 17 + 41 + 111 + 192 \\ 378 &:= 1^7 + 1^7 + 5^1 + 10^1 + 19^2 = 17 + 17 + 51 + 101 + 192 \\ 378 &:= 1^7 + 1^7 + 6^1 + 9^1 + 19^2 = 17 + 17 + 61 + 91 + 192 \\ 378 &:= 1^7 + 1^7 + 7^1 + 8^1 + 19^2 = 17 + 17 + 71 + 81 + 192 \\ 378 &:= 1^7 + 2^3 + 2^5 + 13^1 + 18^2 = 17 + 23 + 25 + 131 + 182 \\ 378 &:= 1^7 + 2^3 + 3^5 + 5^3 + 25^0 = 17 + 23 + 35 + 53 + 250 \\ 378 &:= 1^7 + 2^8 + 3^0 + 10^2 + 20^1 = 17 + 28 + 30 + 102 + 201 \\ 378 &:= 1^7 + 3^4 + 4^2 + 4^4 + 24^1 = 17 + 34 + 42 + 44 + 241 \\ 378 &:= 1^7 + 3^5 + 4^3 + 7^2 + 21^1 = 17 + 35 + 43 + 72 + 211 \end{aligned}$$

$$\begin{aligned} 378 &:= 1^8 + 2^5 + 3^2 + 12^1 + 18^2 = 18 + 25 + 32 + 121 + 182 \\ 378 &:= 1^8 + 2^5 + 7^1 + 13^2 + 13^2 = 18 + 25 + 71 + 132 + 132 \\ 378 &:= 1^8 + 2^5 + 8^1 + 9^2 + 16^2 = 18 + 25 + 81 + 92 + 162 \\ 378 &:= 1^8 + 3^3 + 3^4 + 13^1 + 16^2 = 18 + 33 + 34 + 131 + 162 \\ 378 &:= 1^8 + 3^5 + 4^2 + 10^2 + 18^1 = 18 + 35 + 42 + 102 + 181 \\ 378 &:= 1^8 + 3^5 + 6^2 + 9^2 + 17^1 = 18 + 35 + 62 + 92 + 171 \\ 378 &:= 1^8 + 4^3 + 4^4 + 6^2 + 21^1 = 18 + 43 + 44 + 62 + 211 \\ 378 &:= 1^9 + 2^3 + 10^2 + 10^2 + 13^2 = 19 + 23 + 102 + 102 + 132 \\ 378 &:= 1^9 + 2^3 + 9^2 + 12^2 + 12^2 = 19 + 23 + 92 + 122 + 122 \\ 378 &:= 1^9 + 2^4 + 6^3 + 12^2 + 15^0 = 19 + 24 + 63 + 122 + 150 \\ 378 &:= 1^9 + 2^4 + 8^1 + 8^2 + 17^2 = 19 + 24 + 81 + 82 + 172 \\ 378 &:= 1^9 + 3^3 + 9^2 + 10^2 + 13^2 = 19 + 33 + 92 + 102 + 132 \\ 378 &:= 1^9 + 3^4 + 8^1 + 12^2 + 12^2 = 19 + 34 + 81 + 122 + 122 \\ 378 &:= 1^9 + 3^5 + 5^3 + 8^1 + 19^0 = 19 + 35 + 53 + 81 + 190 \\ 378 &:= 1^9 + 4^2 + 5^3 + 6^3 + 20^1 = 19 + 42 + 53 + 63 + 201 \\ 378 &:= 1^9 + 4^3 + 6^3 + 9^2 + 16^1 = 19 + 43 + 63 + 92 + 161 \\ 378 &:= 2^0 + 2^0 + 2^5 + 7^3 + 24^0 = 20 + 20 + 25 + 73 + 240 \\ 378 &:= 2^0 + 2^1 + 2^3 + 7^3 + 24^1 = 20 + 21 + 23 + 73 + 241 \\ 378 &:= 2^0 + 2^1 + 4^4 + 10^2 + 19^1 = 20 + 21 + 44 + 102 + 191 \\ 378 &:= 2^0 + 2^3 + 3^1 + 7^3 + 23^1 = 20 + 23 + 31 + 73 + 231 \\ 378 &:= 2^0 + 2^3 + 4^1 + 7^3 + 22^1 = 20 + 23 + 41 + 73 + 221 \\ 378 &:= 2^0 + 2^3 + 5^1 + 7^3 + 21^1 = 20 + 23 + 51 + 73 + 211 \\ 378 &:= 2^0 + 2^3 + 5^2 + 7^3 + 21^0 = 20 + 23 + 52 + 73 + 210 \\ 378 &:= 2^0 + 2^3 + 6^1 + 7^3 + 20^1 = 20 + 23 + 61 + 73 + 201 \\ 378 &:= 2^0 + 2^3 + 6^2 + 9^1 + 18^2 = 20 + 23 + 62 + 91 + 182 \\ 378 &:= 2^0 + 2^3 + 7^1 + 7^3 + 19^1 = 20 + 23 + 71 + 73 + 191 \\ 378 &:= 2^0 + 2^3 + 7^3 + 10^1 + 16^1 = 20 + 23 + 73 + 101 + 161 \\ 378 &:= 2^0 + 2^3 + 7^3 + 11^1 + 15^1 = 20 + 23 + 73 + 111 + 151 \\ 378 &:= 2^0 + 2^3 + 7^3 + 12^1 + 14^1 = 20 + 23 + 73 + 121 + 141 \\ 378 &:= 2^0 + 2^3 + 7^3 + 13^1 + 13^1 = 20 + 23 + 73 + 131 + 131 \\ 378 &:= 2^0 + 2^3 + 7^3 + 8^1 + 18^1 = 20 + 23 + 73 + 81 + 181 \\ 378 &:= 2^0 + 2^3 + 7^3 + 9^1 + 17^1 = 20 + 23 + 73 + 91 + 171 \\ 378 &:= 2^0 + 2^4 + 6^2 + 9^0 + 18^2 = 20 + 24 + 62 + 90 + 182 \\ 378 &:= 2^0 + 2^4 + 7^3 + 9^0 + 17^1 = 20 + 24 + 73 + 90 + 171 \\ 378 &:= 2^0 + 2^5 + 3^0 + 7^3 + 23^0 = 20 + 25 + 30 + 73 + 230 \\ 378 &:= 2^0 + 2^5 + 4^0 + 7^3 + 22^0 = 20 + 25 + 40 + 73 + 220 \\ 378 &:= 2^0 + 2^5 + 5^0 + 7^3 + 21^0 = 20 + 25 + 50 + 73 + 210 \\ 378 &:= 2^0 + 2^5 + 6^0 + 7^3 + 20^0 = 20 + 25 + 60 + 73 + 200 \end{aligned}$$

$$\begin{aligned} 378 &:= 2^0 + 2^5 + 7^0 + 7^3 + 19^0 = 20 + 25 + 70 + 73 + 190 \\ 378 &:= 2^0 + 2^5 + 7^3 + 10^0 + 16^0 = 20 + 25 + 73 + 100 + 160 \\ 378 &:= 2^0 + 2^5 + 7^3 + 11^0 + 15^0 = 20 + 25 + 73 + 110 + 150 \\ 378 &:= 2^0 + 2^5 + 7^3 + 12^0 + 14^0 = 20 + 25 + 73 + 120 + 140 \\ 378 &:= 2^0 + 2^5 + 7^3 + 13^0 + 13^0 = 20 + 25 + 73 + 130 + 130 \\ 378 &:= 2^0 + 2^5 + 7^3 + 8^0 + 18^0 = 20 + 25 + 73 + 80 + 180 \\ 378 &:= 2^0 + 2^5 + 7^3 + 9^0 + 17^0 = 20 + 25 + 73 + 90 + 170 \\ 378 &:= 2^0 + 3^1 + 4^4 + 10^2 + 18^1 = 20 + 31 + 44 + 102 + 181 \\ 378 &:= 2^0 + 3^3 + 4^2 + 10^1 + 18^2 = 20 + 33 + 42 + 101 + 182 \\ 378 &:= 2^0 + 3^5 + 9^0 + 11^2 + 12^1 = 20 + 35 + 90 + 112 + 121 \\ 378 &:= 2^0 + 4^1 + 4^4 + 10^2 + 17^1 = 20 + 41 + 44 + 102 + 171 \\ 378 &:= 2^0 + 4^2 + 5^3 + 11^1 + 15^2 = 20 + 42 + 53 + 111 + 152 \\ 378 &:= 2^0 + 4^2 + 6^2 + 10^2 + 15^2 = 20 + 42 + 62 + 102 + 152 \\ 378 &:= 2^0 + 4^3 + 7^1 + 9^2 + 15^2 = 20 + 43 + 71 + 92 + 152 \\ 378 &:= 2^0 + 4^3 + 7^2 + 8^1 + 16^2 = 20 + 43 + 72 + 81 + 162 \\ 378 &:= 2^0 + 4^4 + 10^1 + 10^2 + 11^1 = 20 + 44 + 101 + 102 + 111 \\ 378 &:= 2^0 + 4^4 + 5^1 + 10^2 + 16^1 = 20 + 44 + 51 + 102 + 161 \\ 378 &:= 2^0 + 4^4 + 6^1 + 10^2 + 15^1 = 20 + 44 + 61 + 102 + 151 \\ 378 &:= 2^0 + 4^4 + 7^1 + 10^2 + 14^1 = 20 + 44 + 71 + 102 + 141 \\ 378 &:= 2^0 + 4^4 + 8^1 + 10^2 + 13^1 = 20 + 44 + 81 + 102 + 131 \\ 378 &:= 2^0 + 4^4 + 9^1 + 10^2 + 12^1 = 20 + 44 + 91 + 102 + 121 \\ 378 &:= 2^0 + 5^3 + 8^1 + 10^2 + 12^2 = 20 + 53 + 81 + 102 + 122 \\ 378 &:= 2^0 + 6^2 + 6^2 + 7^2 + 16^2 = 20 + 62 + 62 + 72 + 162 \\ 378 &:= 2^0 + 6^3 + 7^2 + 10^2 + 12^1 = 20 + 63 + 72 + 102 + 121 \\ 378 &:= 2^1 + 2^7 + 2^7 + 10^2 + 20^1 = 21 + 27 + 27 + 102 + 201 \\ 378 &:= 2^1 + 3^3 + 5^1 + 7^3 + 20^0 = 21 + 33 + 51 + 73 + 200 \\ 378 &:= 2^1 + 3^4 + 5^1 + 10^0 + 17^2 = 21 + 34 + 51 + 100 + 172 \\ 378 &:= 2^1 + 4^2 + 4^2 + 7^3 + 20^0 = 21 + 42 + 42 + 73 + 200 \\ 378 &:= 2^1 + 5^2 + 5^3 + 10^0 + 15^2 = 21 + 52 + 53 + 100 + 152 \\ 378 &:= 2^1 + 5^3 + 8^0 + 9^2 + 13^2 = 21 + 53 + 80 + 92 + 132 \\ 378 &:= 2^2 + 2^2 + 6^0 + 12^2 + 15^2 = 22 + 22 + 60 + 122 + 152 \\ 378 &:= 2^2 + 2^3 + 4^1 + 10^0 + 19^2 = 22 + 23 + 41 + 100 + 192 \\ 378 &:= 2^2 + 2^5 + 2^8 + 8^2 + 22^1 = 22 + 25 + 28 + 82 + 221 \\ 378 &:= 2^2 + 3^2 + 4^0 + 7^3 + 21^1 = 22 + 32 + 40 + 73 + 211 \\ 378 &:= 2^2 + 4^0 + 6^2 + 9^2 + 16^2 = 22 + 40 + 62 + 92 + 162 \\ 378 &:= 2^2 + 4^0 + 6^3 + 12^2 + 13^1 = 22 + 40 + 63 + 122 + 131 \\ 378 &:= 2^2 + 4^2 + 7^3 + 10^0 + 14^1 = 22 + 42 + 73 + 100 + 141 \\ 378 &:= 2^2 + 5^1 + 5^2 + 7^3 + 18^0 = 22 + 51 + 52 + 73 + 180 \end{aligned}$$

$$\begin{aligned} 378 &:= 2^3 + 2^5 + 2^8 + 9^2 + 21^0 = 23 + 25 + 28 + 92 + 210 & 378 &:= 2^5 + 4^0 + 7^3 + 9^0 + 15^0 = 25 + 40 + 73 + 90 + 150 \\ 378 &:= 2^3 + 3^0 + 5^2 + 7^3 + 20^0 = 23 + 30 + 52 + 73 + 200 & 378 &:= 2^5 + 5^0 + 5^0 + 7^3 + 18^0 = 25 + 50 + 50 + 73 + 180 \\ 378 &:= 2^3 + 4^0 + 4^1 + 13^2 + 14^2 = 23 + 40 + 41 + 132 + 142 & 378 &:= 2^5 + 5^0 + 6^0 + 7^3 + 17^0 = 25 + 50 + 60 + 73 + 170 \\ 378 &:= 2^3 + 4^0 + 5^2 + 7^3 + 19^0 = 23 + 40 + 52 + 73 + 190 & 378 &:= 2^5 + 5^0 + 7^0 + 7^3 + 16^0 = 25 + 50 + 70 + 73 + 160 \\ 378 &:= 2^3 + 5^0 + 5^2 + 7^3 + 18^0 = 23 + 50 + 52 + 73 + 180 & 378 &:= 2^5 + 5^0 + 7^3 + 10^0 + 13^0 = 25 + 50 + 73 + 100 + 130 \\ 378 &:= 2^3 + 5^2 + 6^0 + 7^3 + 17^0 = 23 + 52 + 60 + 73 + 170 & 378 &:= 2^5 + 5^0 + 7^3 + 11^0 + 12^0 = 25 + 50 + 73 + 110 + 120 \\ 378 &:= 2^3 + 5^2 + 7^0 + 7^3 + 16^0 = 23 + 52 + 70 + 73 + 160 & 378 &:= 2^5 + 5^0 + 7^3 + 8^0 + 15^0 = 25 + 50 + 73 + 80 + 150 \\ 378 &:= 2^3 + 5^2 + 7^3 + 10^0 + 13^0 = 23 + 52 + 73 + 100 + 130 & 378 &:= 2^5 + 5^0 + 7^3 + 9^0 + 14^0 = 25 + 50 + 73 + 90 + 140 \\ 378 &:= 2^3 + 5^2 + 7^3 + 11^0 + 12^0 = 23 + 52 + 73 + 110 + 120 & 378 &:= 2^5 + 6^0 + 6^0 + 7^3 + 16^0 = 25 + 60 + 60 + 73 + 160 \\ 378 &:= 2^3 + 5^2 + 7^3 + 8^0 + 15^0 = 23 + 52 + 73 + 80 + 150 & 378 &:= 2^5 + 6^0 + 7^0 + 7^3 + 15^0 = 25 + 60 + 70 + 73 + 150 \\ 378 &:= 2^3 + 5^2 + 7^3 + 9^0 + 14^0 = 23 + 52 + 73 + 90 + 140 & 378 &:= 2^5 + 6^0 + 7^3 + 10^0 + 12^0 = 25 + 60 + 73 + 100 + 120 \\ 378 &:= 2^4 + 3^0 + 6^2 + 8^0 + 18^2 = 24 + 30 + 62 + 80 + 182 & 378 &:= 2^5 + 6^0 + 7^3 + 11^0 + 11^0 = 25 + 60 + 73 + 110 + 110 \\ 378 &:= 2^4 + 3^0 + 7^3 + 8^0 + 17^1 = 24 + 30 + 73 + 80 + 171 & 378 &:= 2^5 + 6^0 + 7^3 + 8^0 + 14^0 = 25 + 60 + 73 + 80 + 140 \\ 378 &:= 2^4 + 4^0 + 6^2 + 7^0 + 18^2 = 24 + 40 + 62 + 70 + 182 & 378 &:= 2^5 + 6^0 + 7^3 + 9^0 + 13^0 = 25 + 60 + 73 + 90 + 130 \\ 378 &:= 2^4 + 4^0 + 7^0 + 7^3 + 17^1 = 24 + 40 + 70 + 73 + 171 & 378 &:= 2^5 + 7^0 + 7^0 + 7^3 + 14^0 = 25 + 70 + 70 + 73 + 140 \\ 378 &:= 2^4 + 5^0 + 6^0 + 6^2 + 18^2 = 24 + 50 + 60 + 62 + 182 & 378 &:= 2^5 + 7^0 + 7^3 + 10^0 + 11^0 = 25 + 70 + 73 + 100 + 110 \\ 378 &:= 2^4 + 5^0 + 6^0 + 7^3 + 17^1 = 24 + 50 + 60 + 73 + 171 & 378 &:= 2^5 + 7^0 + 7^3 + 8^0 + 13^0 = 25 + 70 + 73 + 80 + 130 \\ 378 &:= 2^5 + 2^5 + 3^5 + 7^2 + 22^1 = 25 + 25 + 35 + 72 + 221 & 378 &:= 2^5 + 7^0 + 7^3 + 9^0 + 12^0 = 25 + 70 + 73 + 90 + 120 \\ 378 &:= 2^5 + 2^8 + 3^4 + 8^1 + 21^0 = 25 + 28 + 34 + 81 + 210 & 378 &:= 2^5 + 7^3 + 8^0 + 10^0 + 10^0 = 25 + 73 + 80 + 100 + 100 \\ 378 &:= 2^5 + 2^8 + 4^3 + 5^2 + 23^0 = 25 + 28 + 43 + 52 + 230 & 378 &:= 2^5 + 7^3 + 8^0 + 8^0 + 12^0 = 25 + 73 + 80 + 80 + 120 \\ 378 &:= 2^5 + 3^0 + 3^0 + 7^3 + 22^0 = 25 + 30 + 30 + 73 + 220 & 378 &:= 2^5 + 7^3 + 8^0 + 9^0 + 11^0 = 25 + 73 + 80 + 90 + 110 \\ 378 &:= 2^5 + 3^0 + 4^0 + 7^3 + 21^0 = 25 + 30 + 40 + 73 + 210 & 378 &:= 2^5 + 7^3 + 9^0 + 9^0 + 10^0 = 25 + 73 + 90 + 90 + 100 \\ 378 &:= 2^5 + 3^0 + 5^0 + 7^3 + 20^0 = 25 + 30 + 50 + 73 + 200 & 378 &:= 2^6 + 2^6 + 3^5 + 6^1 + 23^0 = 26 + 26 + 35 + 61 + 230 \\ 378 &:= 2^5 + 3^0 + 6^0 + 7^3 + 19^0 = 25 + 30 + 60 + 73 + 190 & 378 &:= 2^6 + 2^7 + 4^3 + 11^2 + 17^0 = 26 + 27 + 43 + 112 + 170 \\ 378 &:= 2^5 + 3^0 + 7^0 + 7^3 + 18^0 = 25 + 30 + 70 + 73 + 180 & 378 &:= 2^7 + 2^7 + 10^1 + 10^2 + 12^1 = 27 + 27 + 101 + 102 + 121 \\ 378 &:= 2^5 + 3^0 + 7^3 + 10^0 + 15^0 = 25 + 30 + 73 + 100 + 150 & 378 &:= 2^7 + 2^7 + 10^2 + 11^1 + 11^1 = 27 + 27 + 102 + 111 + 111 \\ 378 &:= 2^5 + 3^0 + 7^3 + 11^0 + 14^0 = 25 + 30 + 73 + 110 + 140 & 378 &:= 2^7 + 2^7 + 3^1 + 10^2 + 19^1 = 27 + 27 + 31 + 102 + 191 \\ 378 &:= 2^5 + 3^0 + 7^3 + 12^0 + 13^0 = 25 + 30 + 73 + 120 + 130 & 378 &:= 2^7 + 2^7 + 4^1 + 10^2 + 18^1 = 27 + 27 + 41 + 102 + 181 \\ 378 &:= 2^5 + 3^0 + 7^3 + 8^0 + 17^0 = 25 + 30 + 73 + 80 + 170 & 378 &:= 2^7 + 2^7 + 5^1 + 10^2 + 17^1 = 27 + 27 + 51 + 102 + 171 \\ 378 &:= 2^5 + 3^0 + 7^3 + 9^0 + 16^0 = 25 + 30 + 73 + 90 + 160 & 378 &:= 2^7 + 2^7 + 6^1 + 10^2 + 16^1 = 27 + 27 + 61 + 102 + 161 \\ 378 &:= 2^5 + 4^0 + 4^0 + 7^3 + 20^0 = 25 + 40 + 40 + 73 + 200 & 378 &:= 2^7 + 2^7 + 7^1 + 10^2 + 15^1 = 27 + 27 + 71 + 102 + 151 \\ 378 &:= 2^5 + 4^0 + 5^0 + 7^3 + 19^0 = 25 + 40 + 50 + 73 + 190 & 378 &:= 2^7 + 2^7 + 8^1 + 10^2 + 14^1 = 27 + 27 + 81 + 102 + 141 \\ 378 &:= 2^5 + 4^0 + 6^0 + 7^3 + 18^0 = 25 + 40 + 60 + 73 + 180 & 378 &:= 2^7 + 2^7 + 9^1 + 10^2 + 13^1 = 27 + 27 + 91 + 102 + 131 \\ 378 &:= 2^5 + 4^0 + 7^0 + 7^3 + 17^0 = 25 + 40 + 70 + 73 + 170 & 378 &:= 3^0 + 3^5 + 8^0 + 11^2 + 12^1 = 30 + 35 + 80 + 112 + 121 \\ 378 &:= 2^5 + 4^0 + 7^3 + 10^0 + 14^0 = 25 + 40 + 73 + 100 + 140 & 378 &:= 3^1 + 3^3 + 4^1 + 7^3 + 20^0 = 31 + 33 + 41 + 73 + 200 \\ 378 &:= 2^5 + 4^0 + 7^3 + 11^0 + 13^0 = 25 + 40 + 73 + 110 + 130 & 378 &:= 3^1 + 3^4 + 4^1 + 10^0 + 17^2 = 31 + 34 + 41 + 100 + 172 \\ 378 &:= 2^5 + 4^0 + 7^3 + 12^0 + 12^0 = 25 + 40 + 73 + 120 + 120 & 378 &:= 3^2 + 3^2 + 7^3 + 8^0 + 16^1 = 32 + 32 + 73 + 80 + 161 \\ 378 &:= 2^5 + 4^0 + 7^3 + 8^0 + 16^0 = 25 + 40 + 73 + 80 + 160 & 378 &:= 3^2 + 4^2 + 7^3 + 9^1 + 14^0 = 32 + 42 + 73 + 91 + 140 \end{aligned}$$

$$\begin{aligned}
 378 &:= 3^2 + 6^3 + 8^0 + 8^1 + 12^2 = 32 + 63 + 80 + 81 + 122 \\
 378 &:= 3^3 + 4^0 + 4^1 + 11^2 + 15^2 = 33 + 40 + 41 + 112 + 152 \\
 378 &:= 3^5 + 4^0 + 7^0 + 11^2 + 12^1 = 35 + 40 + 70 + 112 + 121 \\
 378 &:= 3^5 + 5^0 + 6^0 + 11^2 + 12^1 = 35 + 50 + 60 + 112 + 121 \\
 378 &:= 4^0 + 4^2 + 4^3 + 8^1 + 17^2 = 40 + 42 + 43 + 81 + 172
 \end{aligned}$$

$$\begin{aligned}
 378 &:= 4^0 + 4^2 + 6^2 + 6^2 + 17^2 = 40 + 42 + 62 + 62 + 172 \\
 378 &:= 4^0 + 5^3 + 7^1 + 7^2 + 14^2 = 40 + 53 + 71 + 72 + 142 \\
 378 &:= 4^1 + 6^2 + 6^3 + 10^0 + 11^2 = 41 + 62 + 63 + 100 + 112
 \end{aligned}$$

2.2.280 Number 379

$$\begin{aligned}
 379 &:= 1^6 + 17^1 + 19^2 = 16 + 171 + 192 \\
 379 &:= 1^0 + 1^6 + 16^1 + 19^2 = 10 + 16 + 161 + 192 \\
 379 &:= 1^1 + 1^5 + 16^1 + 19^2 = 11 + 15 + 161 + 192 \\
 379 &:= 1^2 + 1^4 + 16^1 + 19^2 = 12 + 14 + 161 + 192 \\
 379 &:= 1^2 + 2^3 + 7^3 + 27^1 = 12 + 23 + 73 + 271 \\
 379 &:= 1^2 + 4^4 + 10^2 + 22^1 = 12 + 44 + 102 + 221 \\
 379 &:= 1^3 + 1^3 + 16^1 + 19^2 = 13 + 13 + 161 + 192 \\
 379 &:= 1^3 + 2^4 + 15^0 + 19^2 = 13 + 24 + 150 + 192 \\
 379 &:= 1^3 + 3^2 + 7^3 + 26^1 = 13 + 32 + 73 + 261 \\
 379 &:= 1^3 + 4^4 + 11^2 + 21^0 = 13 + 44 + 112 + 210 \\
 379 &:= 1^3 + 6^3 + 12^2 + 18^1 = 13 + 63 + 122 + 181 \\
 379 &:= 1^4 + 9^1 + 12^2 + 15^2 = 14 + 91 + 122 + 152 \\
 379 &:= 1^5 + 2^1 + 15^1 + 19^2 = 15 + 21 + 151 + 192 \\
 379 &:= 1^5 + 3^1 + 14^1 + 19^2 = 15 + 31 + 141 + 192 \\
 379 &:= 1^5 + 4^1 + 13^1 + 19^2 = 15 + 41 + 131 + 192 \\
 379 &:= 1^5 + 4^2 + 13^0 + 19^2 = 15 + 42 + 130 + 192 \\
 379 &:= 1^5 + 5^1 + 12^1 + 19^2 = 15 + 51 + 121 + 192 \\
 379 &:= 1^5 + 6^1 + 11^1 + 19^2 = 15 + 61 + 111 + 192 \\
 379 &:= 1^5 + 7^1 + 10^1 + 19^2 = 15 + 71 + 101 + 192 \\
 379 &:= 1^5 + 8^1 + 9^1 + 19^2 = 15 + 81 + 91 + 192 \\
 379 &:= 1^5 + 9^0 + 11^2 + 16^2 = 15 + 90 + 112 + 162 \\
 379 &:= 1^9 + 2^8 + 11^2 + 22^0 = 19 + 28 + 112 + 220 \\
 379 &:= 2^3 + 3^3 + 7^3 + 25^0 = 23 + 33 + 73 + 250 \\
 379 &:= 2^3 + 3^4 + 15^0 + 17^2 = 23 + 34 + 150 + 172 \\
 379 &:= 2^4 + 8^2 + 10^1 + 17^2 = 24 + 82 + 101 + 172 \\
 379 &:= 2^5 + 3^1 + 7^3 + 25^0 = 25 + 31 + 73 + 250 \\
 379 &:= 2^5 + 9^0 + 11^2 + 15^2 = 25 + 90 + 112 + 152 \\
 379 &:= 3^4 + 10^1 + 12^2 + 12^2 = 34 + 101 + 122 + 122 \\
 379 &:= 3^4 + 6^3 + 9^2 + 19^0 = 34 + 63 + 92 + 190 \\
 379 &:= 3^5 + 5^3 + 10^1 + 19^0 = 35 + 53 + 101 + 190 \\
 379 &:= 4^2 + 5^3 + 6^3 + 22^1 = 42 + 53 + 63 + 221
 \end{aligned}$$

$$\begin{aligned}
 379 &:= 4^3 + 6^3 + 9^2 + 18^1 = 43 + 63 + 92 + 181 \\
 379 &:= 1^0 + 1^0 + 1^6 + 15^1 + 19^2 = 10 + 10 + 16 + 151 + 192 \\
 379 &:= 1^0 + 1^1 + 1^5 + 15^1 + 19^2 = 10 + 11 + 15 + 151 + 192 \\
 379 &:= 1^0 + 1^2 + 1^4 + 15^1 + 19^2 = 10 + 12 + 14 + 151 + 192 \\
 379 &:= 1^0 + 1^2 + 2^3 + 7^3 + 26^1 = 10 + 12 + 23 + 73 + 261 \\
 379 &:= 1^0 + 1^2 + 4^4 + 10^2 + 21^1 = 10 + 12 + 44 + 102 + 211 \\
 379 &:= 1^0 + 1^3 + 1^3 + 15^1 + 19^2 = 10 + 13 + 13 + 151 + 192 \\
 379 &:= 1^0 + 1^3 + 3^2 + 7^3 + 25^1 = 10 + 13 + 32 + 73 + 251 \\
 379 &:= 1^0 + 1^3 + 6^3 + 12^2 + 17^1 = 10 + 13 + 63 + 122 + 171 \\
 379 &:= 1^0 + 1^4 + 8^1 + 12^2 + 15^2 = 10 + 14 + 81 + 122 + 152 \\
 379 &:= 1^0 + 1^5 + 2^1 + 14^1 + 19^2 = 10 + 15 + 21 + 141 + 192 \\
 379 &:= 1^0 + 1^5 + 3^1 + 13^1 + 19^2 = 10 + 15 + 31 + 131 + 192 \\
 379 &:= 1^0 + 1^5 + 4^1 + 12^1 + 19^2 = 10 + 15 + 41 + 121 + 192 \\
 379 &:= 1^0 + 1^5 + 5^1 + 11^1 + 19^2 = 10 + 15 + 51 + 111 + 192 \\
 379 &:= 1^0 + 1^5 + 6^1 + 10^1 + 19^2 = 10 + 15 + 61 + 101 + 192 \\
 379 &:= 1^0 + 1^5 + 7^1 + 9^1 + 19^2 = 10 + 15 + 71 + 91 + 192 \\
 379 &:= 1^0 + 1^5 + 8^1 + 8^1 + 19^2 = 10 + 15 + 81 + 81 + 192 \\
 379 &:= 1^0 + 2^1 + 2^5 + 7^3 + 25^0 = 10 + 21 + 25 + 73 + 250 \\
 379 &:= 1^0 + 2^4 + 8^2 + 9^1 + 17^2 = 10 + 24 + 82 + 91 + 172 \\
 379 &:= 1^0 + 3^4 + 9^1 + 12^2 + 12^2 = 10 + 34 + 91 + 122 + 122 \\
 379 &:= 1^0 + 3^5 + 5^3 + 9^1 + 19^0 = 10 + 35 + 53 + 91 + 190 \\
 379 &:= 1^0 + 4^2 + 5^3 + 6^3 + 21^1 = 10 + 42 + 53 + 63 + 211 \\
 379 &:= 1^0 + 4^3 + 6^3 + 9^2 + 17^1 = 10 + 43 + 63 + 92 + 171 \\
 379 &:= 1^1 + 1^1 + 1^4 + 15^1 + 19^2 = 11 + 11 + 14 + 151 + 192 \\
 379 &:= 1^1 + 1^1 + 2^3 + 7^3 + 26^1 = 11 + 11 + 23 + 73 + 261 \\
 379 &:= 1^1 + 1^1 + 4^4 + 10^2 + 21^1 = 11 + 11 + 44 + 102 + 211 \\
 379 &:= 1^1 + 1^2 + 1^3 + 15^1 + 19^2 = 11 + 12 + 13 + 151 + 192 \\
 379 &:= 1^1 + 1^2 + 3^2 + 7^3 + 25^1 = 11 + 12 + 32 + 73 + 251 \\
 379 &:= 1^1 + 1^2 + 6^3 + 12^2 + 17^1 = 11 + 12 + 63 + 122 + 171 \\
 379 &:= 1^1 + 1^3 + 8^1 + 12^2 + 15^2 = 11 + 13 + 81 + 122 + 152 \\
 379 &:= 1^1 + 1^4 + 2^1 + 14^1 + 19^2 = 11 + 14 + 21 + 141 + 192
 \end{aligned}$$

$$\begin{aligned} 379 &:= 1^1 + 1^4 + 3^1 + 13^1 + 19^2 = 11 + 14 + 31 + 131 + 192 \\ 379 &:= 1^1 + 1^4 + 4^1 + 12^1 + 19^2 = 11 + 14 + 41 + 121 + 192 \\ 379 &:= 1^1 + 1^4 + 5^1 + 11^1 + 19^2 = 11 + 14 + 51 + 111 + 192 \\ 379 &:= 1^1 + 1^4 + 6^1 + 10^1 + 19^2 = 11 + 14 + 61 + 101 + 192 \\ 379 &:= 1^1 + 1^4 + 7^1 + 9^1 + 19^2 = 11 + 14 + 71 + 91 + 192 \\ 379 &:= 1^1 + 1^4 + 8^1 + 8^1 + 19^2 = 11 + 14 + 81 + 81 + 192 \\ 379 &:= 1^1 + 2^1 + 2^3 + 7^3 + 25^1 = 11 + 21 + 23 + 73 + 251 \\ 379 &:= 1^1 + 2^1 + 4^4 + 10^2 + 20^1 = 11 + 21 + 44 + 102 + 201 \\ 379 &:= 1^1 + 2^3 + 2^3 + 13^0 + 19^2 = 11 + 23 + 23 + 130 + 192 \\ 379 &:= 1^1 + 2^3 + 3^1 + 7^3 + 24^1 = 11 + 23 + 31 + 73 + 241 \\ 379 &:= 1^1 + 2^3 + 4^1 + 7^3 + 23^1 = 11 + 23 + 41 + 73 + 231 \\ 379 &:= 1^1 + 2^3 + 5^1 + 7^3 + 22^1 = 11 + 23 + 51 + 73 + 221 \\ 379 &:= 1^1 + 2^3 + 6^1 + 7^3 + 21^1 = 11 + 23 + 61 + 73 + 211 \\ 379 &:= 1^1 + 2^3 + 6^2 + 10^1 + 18^2 = 11 + 23 + 62 + 101 + 182 \\ 379 &:= 1^1 + 2^3 + 7^1 + 7^3 + 20^1 = 11 + 23 + 71 + 73 + 201 \\ 379 &:= 1^1 + 2^3 + 7^3 + 10^1 + 17^1 = 11 + 23 + 73 + 101 + 171 \\ 379 &:= 1^1 + 2^3 + 7^3 + 11^1 + 16^1 = 11 + 23 + 73 + 111 + 161 \\ 379 &:= 1^1 + 2^3 + 7^3 + 12^1 + 15^1 = 11 + 23 + 73 + 121 + 151 \\ 379 &:= 1^1 + 2^3 + 7^3 + 13^1 + 14^1 = 11 + 23 + 73 + 131 + 141 \\ 379 &:= 1^1 + 2^3 + 7^3 + 8^1 + 19^1 = 11 + 23 + 73 + 81 + 191 \\ 379 &:= 1^1 + 2^3 + 7^3 + 9^1 + 18^1 = 11 + 23 + 73 + 91 + 181 \\ 379 &:= 1^1 + 2^4 + 7^3 + 9^0 + 18^1 = 11 + 24 + 73 + 90 + 181 \\ 379 &:= 1^1 + 3^1 + 4^4 + 10^2 + 19^1 = 11 + 31 + 44 + 102 + 191 \\ 379 &:= 1^1 + 3^2 + 10^2 + 10^2 + 13^2 = 11 + 32 + 102 + 102 + 132 \\ 379 &:= 1^1 + 3^2 + 9^2 + 12^2 + 12^2 = 11 + 32 + 92 + 122 + 122 \\ 379 &:= 1^1 + 3^3 + 4^2 + 11^1 + 18^2 = 11 + 33 + 42 + 111 + 182 \\ 379 &:= 1^1 + 3^3 + 5^3 + 13^0 + 15^2 = 11 + 33 + 53 + 130 + 152 \\ 379 &:= 1^1 + 3^4 + 9^0 + 10^2 + 14^2 = 11 + 34 + 90 + 102 + 142 \\ 379 &:= 1^1 + 3^5 + 9^0 + 11^2 + 13^1 = 11 + 35 + 90 + 112 + 131 \\ 379 &:= 1^1 + 4^1 + 4^4 + 10^2 + 18^1 = 11 + 41 + 44 + 102 + 181 \\ 379 &:= 1^1 + 4^2 + 5^3 + 12^1 + 15^2 = 11 + 42 + 53 + 121 + 152 \\ 379 &:= 1^1 + 4^2 + 7^2 + 12^2 + 13^2 = 11 + 42 + 72 + 122 + 132 \\ 379 &:= 1^1 + 4^3 + 7^2 + 9^1 + 16^2 = 11 + 43 + 72 + 91 + 162 \\ 379 &:= 1^1 + 4^3 + 8^1 + 9^2 + 15^2 = 11 + 43 + 81 + 92 + 152 \\ 379 &:= 1^1 + 4^4 + 10^1 + 10^2 + 12^1 = 11 + 44 + 101 + 102 + 121 \\ 379 &:= 1^1 + 4^4 + 10^2 + 11^1 + 11^1 = 11 + 44 + 102 + 111 + 111 \\ 379 &:= 1^1 + 4^4 + 5^1 + 10^2 + 17^1 = 11 + 44 + 51 + 102 + 171 \\ 379 &:= 1^1 + 4^4 + 6^1 + 10^2 + 16^1 = 11 + 44 + 61 + 102 + 161 \end{aligned}$$

$$\begin{aligned} 379 &:= 1^1 + 4^4 + 7^1 + 10^2 + 15^1 = 11 + 44 + 71 + 102 + 151 \\ 379 &:= 1^1 + 4^4 + 8^1 + 10^2 + 14^1 = 11 + 44 + 81 + 102 + 141 \\ 379 &:= 1^1 + 4^4 + 9^1 + 10^2 + 13^1 = 11 + 44 + 91 + 102 + 131 \\ 379 &:= 1^1 + 5^2 + 6^2 + 11^2 + 14^2 = 11 + 52 + 62 + 112 + 142 \\ 379 &:= 1^1 + 5^2 + 8^2 + 8^2 + 15^2 = 11 + 52 + 82 + 82 + 152 \\ 379 &:= 1^1 + 5^3 + 6^2 + 6^3 + 19^0 = 11 + 53 + 62 + 63 + 190 \\ 379 &:= 1^1 + 5^3 + 9^1 + 10^2 + 12^2 = 11 + 53 + 91 + 102 + 122 \\ 379 &:= 1^1 + 6^2 + 6^2 + 9^2 + 15^2 = 11 + 62 + 62 + 92 + 152 \\ 379 &:= 1^1 + 6^3 + 7^2 + 10^2 + 13^1 = 11 + 63 + 72 + 102 + 131 \\ 379 &:= 1^2 + 1^2 + 1^2 + 15^1 + 19^2 = 12 + 12 + 12 + 151 + 192 \\ 379 &:= 1^2 + 1^2 + 8^1 + 12^2 + 15^2 = 12 + 12 + 81 + 122 + 152 \\ 379 &:= 1^2 + 1^3 + 2^1 + 14^1 + 19^2 = 12 + 13 + 21 + 141 + 192 \\ 379 &:= 1^2 + 1^3 + 3^1 + 13^1 + 19^2 = 12 + 13 + 31 + 131 + 192 \\ 379 &:= 1^2 + 1^3 + 4^1 + 12^1 + 19^2 = 12 + 13 + 41 + 121 + 192 \\ 379 &:= 1^2 + 1^3 + 5^1 + 11^1 + 19^2 = 12 + 13 + 51 + 111 + 192 \\ 379 &:= 1^2 + 1^3 + 6^1 + 10^1 + 19^2 = 12 + 13 + 61 + 101 + 192 \\ 379 &:= 1^2 + 1^3 + 7^1 + 9^1 + 19^2 = 12 + 13 + 71 + 91 + 192 \\ 379 &:= 1^2 + 1^3 + 8^1 + 8^1 + 19^2 = 12 + 13 + 81 + 81 + 192 \\ 379 &:= 1^2 + 2^1 + 3^2 + 7^3 + 24^1 = 12 + 21 + 32 + 73 + 241 \\ 379 &:= 1^2 + 2^1 + 6^3 + 12^2 + 16^1 = 12 + 21 + 63 + 122 + 161 \\ 379 &:= 1^2 + 2^3 + 7^0 + 12^2 + 15^2 = 12 + 23 + 70 + 122 + 152 \\ 379 &:= 1^2 + 3^1 + 3^2 + 7^3 + 23^1 = 12 + 31 + 32 + 73 + 231 \\ 379 &:= 1^2 + 3^1 + 6^3 + 12^2 + 15^1 = 12 + 31 + 63 + 122 + 151 \\ 379 &:= 1^2 + 3^2 + 4^1 + 7^3 + 22^1 = 12 + 32 + 41 + 73 + 221 \\ 379 &:= 1^2 + 3^2 + 5^1 + 7^3 + 21^1 = 12 + 32 + 51 + 73 + 211 \\ 379 &:= 1^2 + 3^2 + 5^2 + 7^3 + 21^0 = 12 + 32 + 52 + 73 + 210 \\ 379 &:= 1^2 + 3^2 + 6^1 + 7^3 + 20^1 = 12 + 32 + 61 + 73 + 201 \\ 379 &:= 1^2 + 3^2 + 6^2 + 9^1 + 18^2 = 12 + 32 + 62 + 91 + 182 \\ 379 &:= 1^2 + 3^2 + 7^1 + 7^3 + 19^1 = 12 + 32 + 71 + 73 + 191 \\ 379 &:= 1^2 + 3^2 + 7^3 + 10^1 + 16^1 = 12 + 32 + 73 + 101 + 161 \\ 379 &:= 1^2 + 3^2 + 7^3 + 11^1 + 15^1 = 12 + 32 + 73 + 111 + 151 \\ 379 &:= 1^2 + 3^2 + 7^3 + 12^1 + 14^1 = 12 + 32 + 73 + 121 + 141 \\ 379 &:= 1^2 + 3^2 + 7^3 + 13^1 + 13^1 = 12 + 32 + 73 + 131 + 131 \\ 379 &:= 1^2 + 3^2 + 7^3 + 8^1 + 18^1 = 12 + 32 + 73 + 81 + 181 \\ 379 &:= 1^2 + 3^2 + 7^3 + 9^1 + 17^1 = 12 + 32 + 73 + 91 + 171 \\ 379 &:= 1^2 + 3^3 + 7^1 + 7^3 + 19^0 = 12 + 33 + 71 + 73 + 190 \\ 379 &:= 1^2 + 3^4 + 7^1 + 9^0 + 17^2 = 12 + 34 + 71 + 90 + 172 \\ 379 &:= 1^2 + 4^1 + 6^2 + 13^2 + 13^2 = 12 + 41 + 62 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 379 &:= 1^2 + 4^1 + 6^3 + 12^2 + 14^1 = 12 + 41 + 63 + 122 + 141 \\ 379 &:= 1^2 + 4^1 + 7^2 + 10^2 + 15^2 = 12 + 41 + 72 + 102 + 152 \\ 379 &:= 1^2 + 4^2 + 6^1 + 10^2 + 16^2 = 12 + 42 + 61 + 102 + 162 \\ 379 &:= 1^2 + 4^3 + 7^0 + 12^2 + 13^2 = 12 + 43 + 70 + 122 + 132 \\ 379 &:= 1^2 + 5^1 + 6^2 + 9^2 + 16^2 = 12 + 51 + 62 + 92 + 162 \\ 379 &:= 1^2 + 5^1 + 6^3 + 12^2 + 13^1 = 12 + 51 + 63 + 122 + 131 \\ 379 &:= 1^2 + 6^1 + 6^3 + 12^1 + 12^2 = 12 + 61 + 63 + 121 + 122 \\ 379 &:= 1^2 + 6^3 + 7^1 + 11^1 + 12^2 = 12 + 63 + 71 + 111 + 122 \\ 379 &:= 1^2 + 6^3 + 8^1 + 10^1 + 12^2 = 12 + 63 + 81 + 101 + 122 \\ 379 &:= 1^2 + 6^3 + 9^1 + 9^1 + 12^2 = 12 + 63 + 91 + 91 + 122 \\ 379 &:= 1^3 + 2^1 + 7^1 + 12^2 + 15^2 = 13 + 21 + 71 + 122 + 152 \\ 379 &:= 1^3 + 2^2 + 7^2 + 9^0 + 18^2 = 13 + 22 + 72 + 90 + 182 \\ 379 &:= 1^3 + 2^3 + 7^0 + 8^1 + 19^2 = 13 + 23 + 70 + 81 + 192 \\ 379 &:= 1^3 + 2^7 + 2^7 + 11^2 + 20^0 = 13 + 27 + 27 + 112 + 200 \\ 379 &:= 1^3 + 3^0 + 8^2 + 12^2 + 13^2 = 13 + 30 + 82 + 122 + 132 \\ 379 &:= 1^3 + 3^0 + 9^2 + 10^2 + 14^2 = 13 + 30 + 92 + 102 + 142 \\ 379 &:= 1^3 + 3^1 + 6^1 + 12^2 + 15^2 = 13 + 31 + 61 + 122 + 152 \\ 379 &:= 1^3 + 4^1 + 5^1 + 12^2 + 15^2 = 13 + 41 + 51 + 122 + 152 \\ 379 &:= 1^3 + 4^2 + 7^0 + 7^3 + 18^1 = 13 + 42 + 70 + 73 + 181 \\ 379 &:= 1^3 + 5^2 + 7^3 + 9^1 + 15^0 = 13 + 52 + 73 + 91 + 150 \\ 379 &:= 1^4 + 2^1 + 2^1 + 13^1 + 19^2 = 14 + 21 + 21 + 131 + 192 \\ 379 &:= 1^4 + 2^1 + 3^1 + 12^1 + 19^2 = 14 + 21 + 31 + 121 + 192 \\ 379 &:= 1^4 + 2^1 + 4^1 + 11^1 + 19^2 = 14 + 21 + 41 + 111 + 192 \\ 379 &:= 1^4 + 2^1 + 5^1 + 10^1 + 19^2 = 14 + 21 + 51 + 101 + 192 \\ 379 &:= 1^4 + 2^1 + 6^1 + 9^1 + 19^2 = 14 + 21 + 61 + 91 + 192 \\ 379 &:= 1^4 + 2^1 + 7^1 + 8^1 + 19^2 = 14 + 21 + 71 + 81 + 192 \\ 379 &:= 1^4 + 2^2 + 3^0 + 12^1 + 19^2 = 14 + 22 + 30 + 121 + 192 \\ 379 &:= 1^4 + 3^0 + 7^1 + 9^2 + 17^2 = 14 + 30 + 71 + 92 + 172 \\ 379 &:= 1^4 + 3^1 + 3^1 + 11^1 + 19^2 = 14 + 31 + 31 + 111 + 192 \\ 379 &:= 1^4 + 3^1 + 4^1 + 10^1 + 19^2 = 14 + 31 + 41 + 101 + 192 \\ 379 &:= 1^4 + 3^1 + 5^1 + 9^1 + 19^2 = 14 + 31 + 51 + 91 + 192 \\ 379 &:= 1^4 + 3^1 + 6^1 + 8^1 + 19^2 = 14 + 31 + 61 + 81 + 192 \\ 379 &:= 1^4 + 3^1 + 7^1 + 7^1 + 19^2 = 14 + 31 + 71 + 71 + 192 \\ 379 &:= 1^4 + 3^2 + 7^0 + 7^1 + 19^2 = 14 + 32 + 70 + 71 + 192 \\ 379 &:= 1^4 + 4^1 + 4^1 + 9^1 + 19^2 = 14 + 41 + 41 + 91 + 192 \\ 379 &:= 1^4 + 4^1 + 5^1 + 8^1 + 19^2 = 14 + 41 + 51 + 81 + 192 \\ 379 &:= 1^4 + 4^1 + 6^1 + 7^1 + 19^2 = 14 + 41 + 61 + 71 + 192 \\ 379 &:= 1^4 + 4^1 + 7^0 + 7^2 + 18^2 = 14 + 41 + 70 + 72 + 182 \end{aligned}$$

$$\begin{aligned} 379 &:= 1^4 + 5^1 + 5^1 + 7^1 + 19^2 = 14 + 51 + 51 + 71 + 192 \\ 379 &:= 1^4 + 5^1 + 6^1 + 6^1 + 19^2 = 14 + 51 + 61 + 61 + 192 \\ 379 &:= 1^6 + 2^7 + 3^5 + 6^1 + 24^0 = 16 + 27 + 35 + 61 + 240 \\ 379 &:= 1^8 + 2^0 + 2^8 + 10^2 + 21^1 = 18 + 20 + 28 + 102 + 211 \\ 379 &:= 1^9 + 1^9 + 2^8 + 10^2 + 21^1 = 19 + 19 + 28 + 102 + 211 \\ 379 &:= 1^9 + 2^6 + 8^0 + 12^2 + 13^2 = 19 + 26 + 80 + 122 + 132 \\ 379 &:= 1^9 + 3^2 + 3^5 + 5^3 + 24^0 = 19 + 32 + 35 + 53 + 240 \\ 379 &:= 2^0 + 2^1 + 2^5 + 7^3 + 24^0 = 20 + 21 + 25 + 73 + 240 \\ 379 &:= 2^0 + 3^5 + 5^3 + 9^1 + 18^0 = 20 + 35 + 53 + 91 + 180 \\ 379 &:= 2^1 + 2^1 + 2^3 + 7^3 + 24^1 = 21 + 21 + 23 + 73 + 241 \\ 379 &:= 2^1 + 2^1 + 4^4 + 10^2 + 19^1 = 21 + 21 + 44 + 102 + 191 \\ 379 &:= 2^1 + 2^3 + 3^1 + 7^3 + 23^1 = 21 + 23 + 31 + 73 + 231 \\ 379 &:= 2^1 + 2^3 + 4^1 + 7^3 + 22^1 = 21 + 23 + 41 + 73 + 221 \\ 379 &:= 2^1 + 2^3 + 5^1 + 7^3 + 21^1 = 21 + 23 + 51 + 73 + 211 \\ 379 &:= 2^1 + 2^3 + 5^2 + 7^3 + 21^0 = 21 + 23 + 52 + 73 + 210 \\ 379 &:= 2^1 + 2^3 + 6^1 + 7^3 + 20^1 = 21 + 23 + 61 + 73 + 201 \\ 379 &:= 2^1 + 2^3 + 6^2 + 9^1 + 18^2 = 21 + 23 + 62 + 91 + 182 \\ 379 &:= 2^1 + 2^3 + 7^1 + 7^3 + 19^1 = 21 + 23 + 71 + 73 + 191 \\ 379 &:= 2^1 + 2^3 + 7^3 + 10^1 + 16^1 = 21 + 23 + 73 + 101 + 161 \\ 379 &:= 2^1 + 2^3 + 7^3 + 11^1 + 15^1 = 21 + 23 + 73 + 111 + 151 \\ 379 &:= 2^1 + 2^3 + 7^3 + 12^1 + 14^1 = 21 + 23 + 73 + 121 + 141 \\ 379 &:= 2^1 + 2^3 + 7^3 + 13^1 + 13^1 = 21 + 23 + 73 + 131 + 131 \\ 379 &:= 2^1 + 2^3 + 7^3 + 8^1 + 18^1 = 21 + 23 + 73 + 81 + 181 \\ 379 &:= 2^1 + 2^3 + 7^3 + 9^1 + 17^1 = 21 + 23 + 73 + 91 + 171 \\ 379 &:= 2^1 + 2^4 + 6^2 + 9^0 + 18^2 = 21 + 24 + 62 + 90 + 182 \\ 379 &:= 2^1 + 2^4 + 7^3 + 9^0 + 17^1 = 21 + 24 + 73 + 90 + 171 \\ 379 &:= 2^1 + 2^5 + 3^0 + 7^3 + 23^0 = 21 + 25 + 30 + 73 + 230 \\ 379 &:= 2^1 + 2^5 + 4^0 + 7^3 + 22^0 = 21 + 25 + 40 + 73 + 220 \\ 379 &:= 2^1 + 2^5 + 5^0 + 7^3 + 21^0 = 21 + 25 + 50 + 73 + 210 \\ 379 &:= 2^1 + 2^5 + 6^0 + 7^3 + 20^0 = 21 + 25 + 60 + 73 + 200 \\ 379 &:= 2^1 + 2^5 + 7^0 + 7^3 + 19^0 = 21 + 25 + 70 + 73 + 190 \\ 379 &:= 2^1 + 2^5 + 7^3 + 10^0 + 16^0 = 21 + 25 + 73 + 100 + 160 \\ 379 &:= 2^1 + 2^5 + 7^3 + 11^0 + 15^0 = 21 + 25 + 73 + 110 + 150 \\ 379 &:= 2^1 + 2^5 + 7^3 + 12^0 + 14^0 = 21 + 25 + 73 + 120 + 140 \\ 379 &:= 2^1 + 2^5 + 7^3 + 13^0 + 13^0 = 21 + 25 + 73 + 130 + 130 \\ 379 &:= 2^1 + 2^5 + 7^3 + 8^0 + 18^0 = 21 + 25 + 73 + 80 + 180 \\ 379 &:= 2^1 + 2^5 + 7^3 + 9^0 + 17^0 = 21 + 25 + 73 + 90 + 170 \\ 379 &:= 2^1 + 3^1 + 4^4 + 10^2 + 18^1 = 21 + 31 + 44 + 102 + 181 \end{aligned}$$

$$\begin{aligned} 379 &:= 2^1 + 3^3 + 4^2 + 10^1 + 18^2 = 21 + 33 + 42 + 101 + 182 \\ 379 &:= 2^1 + 3^5 + 9^0 + 11^2 + 12^1 = 21 + 35 + 90 + 112 + 121 \\ 379 &:= 2^1 + 4^1 + 4^4 + 10^2 + 17^1 = 21 + 41 + 44 + 102 + 171 \\ 379 &:= 2^1 + 4^2 + 5^3 + 11^1 + 15^2 = 21 + 42 + 53 + 111 + 152 \\ 379 &:= 2^1 + 4^2 + 6^2 + 10^2 + 15^2 = 21 + 42 + 62 + 102 + 152 \\ 379 &:= 2^1 + 4^3 + 7^1 + 9^2 + 15^2 = 21 + 43 + 71 + 92 + 152 \\ 379 &:= 2^1 + 4^3 + 7^2 + 8^1 + 16^2 = 21 + 43 + 72 + 81 + 162 \\ 379 &:= 2^1 + 4^4 + 10^1 + 10^2 + 11^1 = 21 + 44 + 101 + 102 + 111 \\ 379 &:= 2^1 + 4^4 + 5^1 + 10^2 + 16^1 = 21 + 44 + 51 + 102 + 161 \\ 379 &:= 2^1 + 4^4 + 6^1 + 10^2 + 15^1 = 21 + 44 + 61 + 102 + 151 \\ 379 &:= 2^1 + 4^4 + 7^1 + 10^2 + 14^1 = 21 + 44 + 71 + 102 + 141 \\ 379 &:= 2^1 + 4^4 + 8^1 + 10^2 + 13^1 = 21 + 44 + 81 + 102 + 131 \\ 379 &:= 2^1 + 4^4 + 9^1 + 10^2 + 12^1 = 21 + 44 + 91 + 102 + 121 \\ 379 &:= 2^1 + 5^3 + 8^1 + 10^2 + 12^2 = 21 + 53 + 81 + 102 + 122 \\ 379 &:= 2^1 + 6^2 + 6^2 + 7^2 + 16^2 = 21 + 62 + 62 + 72 + 162 \\ 379 &:= 2^1 + 6^3 + 7^2 + 10^2 + 12^1 = 21 + 63 + 72 + 102 + 121 \\ 379 &:= 2^2 + 2^2 + 6^1 + 13^2 + 14^2 = 22 + 22 + 61 + 132 + 142 \\ 379 &:= 2^2 + 2^3 + 3^0 + 7^3 + 23^1 = 22 + 23 + 30 + 73 + 231 \\ 379 &:= 2^2 + 3^0 + 4^4 + 10^2 + 18^1 = 22 + 30 + 44 + 102 + 181 \\ 379 &:= 2^2 + 3^3 + 4^1 + 7^3 + 21^0 = 22 + 33 + 41 + 73 + 210 \\ 379 &:= 2^2 + 3^4 + 4^1 + 11^0 + 17^2 = 22 + 34 + 41 + 110 + 172 \\ 379 &:= 2^2 + 4^1 + 5^2 + 11^2 + 15^2 = 22 + 41 + 52 + 112 + 152 \\ 379 &:= 2^2 + 4^2 + 6^1 + 8^2 + 17^2 = 22 + 42 + 61 + 82 + 172 \\ 379 &:= 2^3 + 3^0 + 8^2 + 9^2 + 15^2 = 23 + 30 + 82 + 92 + 152 \\ 379 &:= 2^3 + 3^1 + 3^1 + 7^3 + 22^1 = 23 + 31 + 31 + 73 + 221 \\ 379 &:= 2^3 + 3^1 + 4^1 + 7^3 + 21^1 = 23 + 31 + 41 + 73 + 211 \\ 379 &:= 2^3 + 3^1 + 5^1 + 7^3 + 20^1 = 23 + 31 + 51 + 73 + 201 \\ 379 &:= 2^3 + 3^1 + 6^1 + 7^3 + 19^1 = 23 + 31 + 61 + 73 + 191 \\ 379 &:= 2^3 + 3^1 + 6^2 + 8^1 + 18^2 = 23 + 31 + 62 + 81 + 182 \\ 379 &:= 2^3 + 3^1 + 7^1 + 7^3 + 18^1 = 23 + 31 + 71 + 73 + 181 \\ 379 &:= 2^3 + 3^1 + 7^3 + 10^1 + 15^1 = 23 + 31 + 73 + 101 + 151 \\ 379 &:= 2^3 + 3^1 + 7^3 + 11^1 + 14^1 = 23 + 31 + 73 + 111 + 141 \\ 379 &:= 2^3 + 3^1 + 7^3 + 12^1 + 13^1 = 23 + 31 + 73 + 121 + 131 \\ 379 &:= 2^3 + 3^1 + 7^3 + 8^1 + 17^1 = 23 + 31 + 73 + 81 + 171 \\ 379 &:= 2^3 + 3^1 + 7^3 + 9^1 + 16^1 = 23 + 31 + 73 + 91 + 161 \\ 379 &:= 2^3 + 3^2 + 7^0 + 7^3 + 18^1 = 23 + 32 + 70 + 73 + 181 \\ 379 &:= 2^3 + 4^1 + 4^1 + 7^3 + 20^1 = 23 + 41 + 41 + 73 + 201 \\ 379 &:= 2^3 + 4^1 + 5^1 + 7^3 + 19^1 = 23 + 41 + 51 + 73 + 191 \\ 379 &:= 2^3 + 4^1 + 6^1 + 7^3 + 18^1 = 23 + 41 + 61 + 73 + 181 \\ 379 &:= 2^3 + 4^1 + 7^1 + 7^3 + 17^1 = 23 + 41 + 71 + 73 + 171 \\ 379 &:= 2^3 + 4^1 + 7^3 + 10^1 + 14^1 = 23 + 41 + 73 + 101 + 141 \\ 379 &:= 2^3 + 4^1 + 7^3 + 11^1 + 13^1 = 23 + 41 + 73 + 111 + 131 \\ 379 &:= 2^3 + 4^1 + 7^3 + 12^1 + 12^1 = 23 + 41 + 73 + 121 + 121 \\ 379 &:= 2^3 + 4^1 + 7^3 + 8^1 + 16^1 = 23 + 41 + 73 + 81 + 161 \\ 379 &:= 2^3 + 4^1 + 7^3 + 9^1 + 15^1 = 23 + 41 + 73 + 91 + 151 \\ 379 &:= 2^3 + 4^2 + 7^3 + 11^1 + 13^0 = 23 + 42 + 73 + 111 + 130 \\ 379 &:= 2^3 + 5^1 + 5^1 + 7^3 + 18^1 = 23 + 51 + 51 + 73 + 181 \\ 379 &:= 2^3 + 5^1 + 6^1 + 6^2 + 18^2 = 23 + 51 + 61 + 62 + 182 \\ 379 &:= 2^3 + 5^1 + 6^1 + 7^3 + 17^1 = 23 + 51 + 61 + 73 + 171 \\ 379 &:= 2^3 + 5^1 + 7^1 + 7^3 + 16^1 = 23 + 51 + 71 + 73 + 161 \\ 379 &:= 2^3 + 5^1 + 7^3 + 10^1 + 13^1 = 23 + 51 + 73 + 101 + 131 \\ 379 &:= 2^3 + 5^1 + 7^3 + 11^1 + 12^1 = 23 + 51 + 73 + 111 + 121 \\ 379 &:= 2^3 + 5^1 + 7^3 + 8^1 + 15^1 = 23 + 51 + 73 + 81 + 151 \\ 379 &:= 2^3 + 5^1 + 7^3 + 9^1 + 14^1 = 23 + 51 + 73 + 91 + 141 \\ 379 &:= 2^3 + 6^1 + 6^1 + 7^3 + 16^1 = 23 + 61 + 61 + 73 + 161 \\ 379 &:= 2^3 + 6^1 + 7^1 + 7^3 + 15^1 = 23 + 61 + 71 + 73 + 151 \\ 379 &:= 2^3 + 6^1 + 7^3 + 10^1 + 12^1 = 23 + 61 + 73 + 101 + 121 \\ 379 &:= 2^3 + 6^1 + 7^3 + 11^1 + 11^1 = 23 + 61 + 73 + 111 + 111 \\ 379 &:= 2^3 + 6^1 + 7^3 + 8^1 + 14^1 = 23 + 61 + 73 + 81 + 141 \\ 379 &:= 2^3 + 6^1 + 7^3 + 9^1 + 13^1 = 23 + 61 + 73 + 91 + 131 \\ 379 &:= 2^3 + 6^3 + 7^0 + 10^1 + 12^2 = 23 + 63 + 70 + 101 + 122 \\ 379 &:= 2^3 + 7^1 + 7^1 + 7^3 + 14^1 = 23 + 71 + 71 + 73 + 141 \\ 379 &:= 2^3 + 7^1 + 7^3 + 10^1 + 11^1 = 23 + 71 + 73 + 101 + 111 \\ 379 &:= 2^3 + 7^1 + 7^3 + 8^1 + 13^1 = 23 + 71 + 73 + 81 + 131 \\ 379 &:= 2^3 + 7^1 + 7^3 + 9^1 + 12^1 = 23 + 71 + 73 + 91 + 121 \\ 379 &:= 2^3 + 7^3 + 8^1 + 10^1 + 10^1 = 23 + 73 + 81 + 101 + 101 \\ 379 &:= 2^3 + 7^3 + 8^1 + 8^1 + 12^1 = 23 + 73 + 81 + 81 + 121 \\ 379 &:= 2^3 + 7^3 + 8^1 + 9^1 + 11^1 = 23 + 73 + 81 + 91 + 111 \\ 379 &:= 2^3 + 7^3 + 9^1 + 9^1 + 10^1 = 23 + 73 + 91 + 91 + 101 \\ 379 &:= 2^4 + 3^0 + 6^1 + 10^2 + 16^2 = 24 + 30 + 61 + 102 + 162 \\ 379 &:= 2^4 + 3^1 + 7^3 + 9^0 + 16^1 = 24 + 31 + 73 + 90 + 161 \\ 379 &:= 2^4 + 4^1 + 7^3 + 9^0 + 15^1 = 24 + 41 + 73 + 90 + 151 \\ 379 &:= 2^4 + 5^1 + 7^3 + 9^0 + 14^1 = 24 + 51 + 73 + 90 + 141 \\ 379 &:= 2^4 + 6^1 + 7^3 + 9^0 + 13^1 = 24 + 61 + 73 + 90 + 131 \\ 379 &:= 2^4 + 7^1 + 7^3 + 9^0 + 12^1 = 24 + 71 + 73 + 90 + 121 \end{aligned}$$

$$\begin{aligned}
 379 &:= 2^4 + 7^3 + 8^1 + 9^0 + 11^1 = 24 + 73 + 81 + 90 + 111 \\
 379 &:= 2^4 + 7^3 + 9^0 + 9^1 + 10^1 = 24 + 73 + 90 + 91 + 101 \\
 379 &:= 2^5 + 2^8 + 3^2 + 3^4 + 26^0 = 25 + 28 + 32 + 34 + 260 \\
 379 &:= 3^0 + 3^3 + 6^3 + 11^2 + 14^1 = 30 + 33 + 63 + 112 + 141 \\
 379 &:= 3^0 + 3^4 + 7^1 + 11^2 + 13^2 = 30 + 34 + 71 + 112 + 132 \\
 379 &:= 3^0 + 3^4 + 8^1 + 8^2 + 15^2 = 30 + 34 + 81 + 82 + 152 \\
 379 &:= 3^0 + 3^5 + 5^3 + 9^1 + 17^0 = 30 + 35 + 53 + 91 + 170 \\
 379 &:= 3^0 + 4^3 + 7^2 + 11^2 + 12^2 = 30 + 43 + 72 + 112 + 122 \\
 379 &:= 3^0 + 4^3 + 8^2 + 9^2 + 13^2 = 30 + 43 + 82 + 92 + 132 \\
 379 &:= 3^0 + 4^4 + 5^2 + 9^2 + 16^1 = 30 + 44 + 52 + 92 + 161 \\
 379 &:= 3^1 + 3^1 + 4^4 + 10^2 + 17^1 = 31 + 31 + 44 + 102 + 171 \\
 379 &:= 3^1 + 3^3 + 4^2 + 9^1 + 18^2 = 31 + 33 + 42 + 91 + 182 \\
 379 &:= 3^1 + 3^5 + 9^0 + 11^1 + 11^2 = 31 + 35 + 90 + 111 + 112 \\
 379 &:= 3^1 + 4^1 + 4^4 + 10^2 + 16^1 = 31 + 41 + 44 + 102 + 161 \\
 379 &:= 3^1 + 4^2 + 5^3 + 10^1 + 15^2 = 31 + 42 + 53 + 101 + 152 \\
 379 &:= 3^1 + 4^3 + 6^1 + 9^2 + 15^2 = 31 + 43 + 61 + 92 + 152 \\
 379 &:= 3^1 + 4^3 + 7^1 + 7^2 + 16^2 = 31 + 43 + 71 + 72 + 162 \\
 379 &:= 3^1 + 4^4 + 10^1 + 10^1 + 10^2 = 31 + 44 + 101 + 101 + 102 \\
 379 &:= 3^1 + 4^4 + 5^1 + 10^2 + 15^1 = 31 + 44 + 51 + 102 + 151 \\
 379 &:= 3^1 + 4^4 + 6^1 + 10^2 + 14^1 = 31 + 44 + 61 + 102 + 141 \\
 379 &:= 3^1 + 4^4 + 7^1 + 10^2 + 13^1 = 31 + 44 + 71 + 102 + 131 \\
 379 &:= 3^1 + 4^4 + 8^1 + 10^2 + 12^1 = 31 + 44 + 81 + 102 + 121 \\
 379 &:= 3^1 + 4^4 + 9^1 + 10^2 + 11^1 = 31 + 44 + 91 + 102 + 111 \\
 379 &:= 3^1 + 5^3 + 7^1 + 10^2 + 12^2 = 31 + 53 + 71 + 102 + 122 \\
 379 &:= 3^1 + 6^3 + 7^2 + 10^2 + 11^1 = 31 + 63 + 72 + 102 + 111 \\
 379 &:= 3^2 + 3^2 + 5^1 + 10^2 + 16^2 = 32 + 32 + 51 + 102 + 162 \\
 379 &:= 3^2 + 3^2 + 6^3 + 12^2 + 13^0 = 32 + 32 + 63 + 122 + 130 \\
 379 &:= 3^2 + 4^2 + 4^3 + 9^0 + 17^2 = 32 + 42 + 43 + 90 + 172 \\
 379 &:= 3^2 + 4^3 + 7^0 + 7^2 + 16^2 = 32 + 43 + 70 + 72 + 162 \\
 379 &:= 3^2 + 4^4 + 7^0 + 10^2 + 13^1 = 32 + 44 + 70 + 102 + 131 \\
 379 &:= 3^2 + 5^3 + 7^0 + 10^2 + 12^2 = 32 + 53 + 70 + 102 + 122 \\
 379 &:= 3^3 + 4^1 + 4^2 + 8^1 + 18^2 = 33 + 41 + 42 + 81 + 182 \\
 379 &:= 3^3 + 4^2 + 5^1 + 7^1 + 18^2 = 33 + 42 + 51 + 71 + 182 \\
 379 &:= 3^3 + 4^2 + 6^1 + 6^1 + 18^2 = 33 + 42 + 61 + 61 + 182 \\
 379 &:= 3^4 + 5^1 + 6^2 + 7^0 + 16^2 = 34 + 51 + 62 + 70 + 162 \\
 379 &:= 3^5 + 4^0 + 5^3 + 9^1 + 16^0 = 35 + 40 + 53 + 91 + 160 \\
 379 &:= 3^5 + 4^1 + 9^0 + 10^1 + 11^2 = 35 + 41 + 90 + 101 + 112 \\
 379 &:= 3^5 + 5^0 + 5^3 + 9^1 + 15^0 = 35 + 50 + 53 + 91 + 150
 \end{aligned}$$

$$\begin{aligned}
 379 &:= 3^5 + 5^1 + 9^0 + 9^1 + 11^2 = 35 + 51 + 90 + 91 + 112 \\
 379 &:= 3^5 + 5^3 + 6^0 + 9^1 + 14^0 = 35 + 53 + 60 + 91 + 140 \\
 379 &:= 3^5 + 5^3 + 7^0 + 9^1 + 13^0 = 35 + 53 + 70 + 91 + 130 \\
 379 &:= 3^5 + 5^3 + 8^0 + 9^1 + 12^0 = 35 + 53 + 80 + 91 + 120 \\
 379 &:= 3^5 + 5^3 + 9^0 + 9^1 + 11^0 = 35 + 53 + 90 + 91 + 110 \\
 379 &:= 3^5 + 5^3 + 9^1 + 10^0 + 10^0 = 35 + 53 + 91 + 100 + 100 \\
 379 &:= 3^5 + 6^1 + 8^1 + 9^0 + 11^2 = 35 + 61 + 81 + 90 + 112 \\
 379 &:= 3^5 + 7^1 + 7^1 + 9^0 + 11^2 = 35 + 71 + 71 + 90 + 112 \\
 379 &:= 4^1 + 4^1 + 4^4 + 10^2 + 15^1 = 41 + 41 + 44 + 102 + 151 \\
 379 &:= 4^1 + 4^2 + 5^3 + 9^1 + 15^2 = 41 + 42 + 53 + 91 + 152 \\
 379 &:= 4^1 + 4^3 + 5^1 + 9^2 + 15^2 = 41 + 43 + 51 + 92 + 152 \\
 379 &:= 4^1 + 4^3 + 6^1 + 7^2 + 16^2 = 41 + 43 + 61 + 72 + 162 \\
 379 &:= 4^1 + 4^4 + 5^1 + 10^2 + 14^1 = 41 + 44 + 51 + 102 + 141 \\
 379 &:= 4^1 + 4^4 + 6^1 + 10^2 + 13^1 = 41 + 44 + 61 + 102 + 131 \\
 379 &:= 4^1 + 4^4 + 7^1 + 10^2 + 12^1 = 41 + 44 + 71 + 102 + 121 \\
 379 &:= 4^1 + 4^4 + 8^1 + 10^2 + 11^1 = 41 + 44 + 81 + 102 + 111 \\
 379 &:= 4^1 + 4^4 + 9^1 + 10^1 + 10^2 = 41 + 44 + 91 + 101 + 102 \\
 379 &:= 4^1 + 5^2 + 5^2 + 6^2 + 17^2 = 41 + 52 + 52 + 62 + 172 \\
 379 &:= 4^1 + 5^3 + 6^1 + 10^2 + 12^2 = 41 + 53 + 61 + 102 + 122 \\
 379 &:= 4^1 + 6^3 + 7^2 + 10^1 + 10^2 = 41 + 63 + 72 + 101 + 102 \\
 379 &:= 4^2 + 4^2 + 4^2 + 7^1 + 18^2 = 42 + 42 + 42 + 71 + 182 \\
 379 &:= 4^2 + 4^4 + 6^1 + 10^2 + 13^0 = 42 + 44 + 61 + 102 + 130 \\
 379 &:= 4^2 + 5^1 + 5^3 + 8^1 + 15^2 = 42 + 51 + 53 + 81 + 152 \\
 379 &:= 4^2 + 5^2 + 6^3 + 11^0 + 11^2 = 42 + 52 + 63 + 110 + 112 \\
 379 &:= 4^2 + 5^3 + 6^1 + 7^1 + 15^2 = 42 + 53 + 61 + 71 + 152 \\
 379 &:= 4^3 + 5^0 + 5^2 + 8^2 + 15^2 = 43 + 50 + 52 + 82 + 152 \\
 379 &:= 4^3 + 5^1 + 5^1 + 7^2 + 16^2 = 43 + 51 + 51 + 72 + 162 \\
 379 &:= 4^4 + 5^1 + 5^1 + 10^2 + 13^1 = 44 + 51 + 51 + 102 + 131 \\
 379 &:= 4^4 + 5^1 + 6^1 + 10^2 + 12^1 = 44 + 51 + 61 + 102 + 121 \\
 379 &:= 4^4 + 5^1 + 6^2 + 9^2 + 13^0 = 44 + 51 + 62 + 92 + 130 \\
 379 &:= 4^4 + 5^1 + 7^1 + 10^2 + 11^1 = 44 + 51 + 71 + 102 + 111 \\
 379 &:= 4^4 + 5^1 + 8^1 + 10^1 + 10^2 = 44 + 51 + 81 + 101 + 102 \\
 379 &:= 4^4 + 5^1 + 9^1 + 9^1 + 10^2 = 44 + 51 + 91 + 91 + 102 \\
 379 &:= 4^4 + 6^1 + 6^1 + 10^2 + 11^1 = 44 + 61 + 61 + 102 + 111 \\
 379 &:= 4^4 + 6^1 + 7^1 + 10^1 + 10^2 = 44 + 61 + 71 + 101 + 102 \\
 379 &:= 4^4 + 6^1 + 8^1 + 9^1 + 10^2 = 44 + 61 + 81 + 91 + 102 \\
 379 &:= 4^4 + 7^1 + 7^1 + 9^1 + 10^2 = 44 + 71 + 71 + 91 + 102 \\
 379 &:= 4^4 + 7^1 + 8^1 + 8^1 + 10^2 = 44 + 71 + 81 + 81 + 102
 \end{aligned}$$

$$\begin{aligned}
 379 &:= 4^4 + 7^2 + 8^2 + 9^0 + 9^1 = 44 + 72 + 82 + 90 + 91 \\
 379 &:= 5^1 + 5^1 + 5^3 + 10^2 + 12^2 = 51 + 51 + 53 + 102 + 122 \\
 379 &:= 5^1 + 6^3 + 7^2 + 9^1 + 10^2 = 51 + 63 + 72 + 91 + 102 \\
 379 &:= 5^2 + 5^3 + 6^3 + 9^0 + 12^1 = 52 + 53 + 63 + 90 + 121 \\
 379 &:= 5^3 + 5^3 + 7^1 + 9^0 + 11^2 = 53 + 53 + 71 + 90 + 112
 \end{aligned}$$

$$\begin{aligned}
 379 &:= 6^1 + 6^3 + 7^2 + 8^1 + 10^2 = 61 + 63 + 72 + 81 + 102 \\
 379 &:= 6^3 + 7^1 + 7^1 + 7^2 + 10^2 = 63 + 71 + 71 + 72 + 102 \\
 379 &:= 6^3 + 7^2 + 7^2 + 8^2 + 9^0 = 63 + 72 + 72 + 82 + 90
 \end{aligned}$$

2.2.281 Number 380

$$\begin{aligned}
 380 &:= 1^9 + 2^8 + 10^2 + 23^1 = 19 + 28 + 102 + 231 \\
 380 &:= 2^2 + 2^5 + 7^3 + 26^0 = 22 + 25 + 73 + 260 \\
 380 &:= 1^0 + 1^0 + 2^8 + 11^2 + 22^0 = 10 + 10 + 28 + 112 + 220 \\
 380 &:= 1^0 + 1^4 + 2^4 + 14^0 + 19^2 = 10 + 14 + 24 + 140 + 192 \\
 380 &:= 1^0 + 1^4 + 4^4 + 11^2 + 20^0 = 10 + 14 + 44 + 112 + 200 \\
 380 &:= 1^0 + 1^6 + 4^2 + 12^0 + 19^2 = 10 + 16 + 42 + 120 + 192 \\
 380 &:= 1^0 + 1^6 + 8^0 + 11^2 + 16^2 = 10 + 16 + 80 + 112 + 162 \\
 380 &:= 1^0 + 1^9 + 2^8 + 10^2 + 22^1 = 10 + 19 + 28 + 102 + 221 \\
 380 &:= 1^0 + 2^0 + 2^8 + 11^2 + 21^0 = 10 + 20 + 28 + 112 + 210 \\
 380 &:= 1^0 + 2^6 + 5^2 + 12^0 + 17^2 = 10 + 26 + 52 + 120 + 172 \\
 380 &:= 1^0 + 2^8 + 10^0 + 11^2 + 13^0 = 10 + 28 + 100 + 112 + 130 \\
 380 &:= 1^0 + 2^8 + 11^0 + 11^2 + 12^0 = 10 + 28 + 110 + 112 + 120 \\
 380 &:= 1^0 + 2^8 + 3^0 + 11^2 + 20^0 = 10 + 28 + 30 + 112 + 200 \\
 380 &:= 1^0 + 2^8 + 4^0 + 11^2 + 19^0 = 10 + 28 + 40 + 112 + 190 \\
 380 &:= 1^0 + 2^8 + 5^0 + 11^2 + 18^0 = 10 + 28 + 50 + 112 + 180 \\
 380 &:= 1^0 + 2^8 + 6^0 + 11^2 + 17^0 = 10 + 28 + 60 + 112 + 170 \\
 380 &:= 1^0 + 2^8 + 7^0 + 11^2 + 16^0 = 10 + 28 + 70 + 112 + 160 \\
 380 &:= 1^0 + 2^8 + 8^0 + 11^2 + 15^0 = 10 + 28 + 80 + 112 + 150 \\
 380 &:= 1^0 + 2^8 + 9^0 + 11^2 + 14^0 = 10 + 28 + 90 + 112 + 140 \\
 380 &:= 1^1 + 1^3 + 2^4 + 14^0 + 19^2 = 11 + 13 + 24 + 140 + 192 \\
 380 &:= 1^1 + 1^3 + 4^4 + 11^2 + 20^0 = 11 + 13 + 44 + 112 + 200 \\
 380 &:= 1^1 + 1^5 + 4^2 + 12^0 + 19^2 = 11 + 15 + 42 + 120 + 192 \\
 380 &:= 1^1 + 1^5 + 8^0 + 11^2 + 16^2 = 11 + 15 + 80 + 112 + 162 \\
 380 &:= 1^1 + 1^8 + 2^8 + 10^2 + 22^1 = 11 + 18 + 28 + 102 + 221 \\
 380 &:= 1^1 + 1^9 + 2^8 + 11^2 + 21^0 = 11 + 19 + 28 + 112 + 210 \\
 380 &:= 1^1 + 2^3 + 3^3 + 7^3 + 24^0 = 11 + 23 + 33 + 73 + 240 \\
 380 &:= 1^1 + 2^3 + 3^4 + 14^0 + 17^2 = 11 + 23 + 34 + 140 + 172 \\
 380 &:= 1^1 + 2^5 + 3^1 + 7^3 + 24^0 = 11 + 25 + 31 + 73 + 240 \\
 380 &:= 1^1 + 2^5 + 8^0 + 11^2 + 15^2 = 11 + 25 + 80 + 112 + 152 \\
 380 &:= 1^1 + 3^4 + 6^3 + 9^2 + 18^0 = 11 + 34 + 63 + 92 + 180 \\
 380 &:= 1^1 + 3^5 + 5^3 + 10^1 + 18^0 = 11 + 35 + 53 + 101 + 180
 \end{aligned}$$

$$\begin{aligned}
 380 &:= 1^2 + 1^2 + 2^4 + 14^0 + 19^2 = 12 + 12 + 24 + 140 + 192 \\
 380 &:= 1^2 + 1^2 + 4^4 + 11^2 + 20^0 = 12 + 12 + 44 + 112 + 200 \\
 380 &:= 1^2 + 1^4 + 4^2 + 12^0 + 19^2 = 12 + 14 + 42 + 120 + 192 \\
 380 &:= 1^2 + 1^4 + 8^0 + 11^2 + 16^2 = 12 + 14 + 80 + 112 + 162 \\
 380 &:= 1^2 + 1^7 + 2^8 + 10^2 + 22^1 = 12 + 17 + 28 + 102 + 221 \\
 380 &:= 1^2 + 1^8 + 2^8 + 11^2 + 21^0 = 12 + 18 + 28 + 112 + 210 \\
 380 &:= 1^2 + 2^4 + 7^3 + 8^0 + 19^1 = 12 + 24 + 73 + 80 + 191 \\
 380 &:= 1^2 + 3^3 + 3^3 + 12^0 + 18^2 = 12 + 33 + 33 + 120 + 182 \\
 380 &:= 1^2 + 3^5 + 8^0 + 11^2 + 14^1 = 12 + 35 + 80 + 112 + 141 \\
 380 &:= 1^3 + 1^3 + 4^2 + 12^0 + 19^2 = 13 + 13 + 42 + 120 + 192 \\
 380 &:= 1^3 + 1^3 + 8^0 + 11^2 + 16^2 = 13 + 13 + 80 + 112 + 162 \\
 380 &:= 1^3 + 1^6 + 2^8 + 10^2 + 22^1 = 13 + 16 + 28 + 102 + 221 \\
 380 &:= 1^3 + 1^7 + 2^8 + 11^2 + 21^0 = 13 + 17 + 28 + 112 + 210 \\
 380 &:= 1^3 + 2^3 + 3^2 + 12^0 + 19^2 = 13 + 23 + 32 + 120 + 192 \\
 380 &:= 1^3 + 2^3 + 8^0 + 9^2 + 17^2 = 13 + 23 + 80 + 92 + 172 \\
 380 &:= 1^3 + 2^5 + 2^8 + 4^3 + 27^1 = 13 + 25 + 28 + 43 + 271 \\
 380 &:= 1^3 + 3^3 + 7^3 + 8^1 + 18^0 = 13 + 33 + 73 + 81 + 180 \\
 380 &:= 1^3 + 3^4 + 8^0 + 8^1 + 17^2 = 13 + 34 + 80 + 81 + 172 \\
 380 &:= 1^3 + 4^3 + 5^2 + 10^0 + 17^2 = 13 + 43 + 52 + 100 + 172 \\
 380 &:= 1^3 + 6^3 + 9^2 + 9^2 + 12^0 = 13 + 63 + 92 + 92 + 120 \\
 380 &:= 1^4 + 1^5 + 2^8 + 10^2 + 22^1 = 14 + 15 + 28 + 102 + 221 \\
 380 &:= 1^4 + 1^6 + 2^8 + 11^2 + 21^0 = 14 + 16 + 28 + 112 + 210 \\
 380 &:= 1^4 + 2^0 + 2^4 + 13^0 + 19^2 = 14 + 20 + 24 + 130 + 192 \\
 380 &:= 1^4 + 2^0 + 4^4 + 11^2 + 19^0 = 14 + 20 + 44 + 112 + 190 \\
 380 &:= 1^4 + 2^3 + 6^0 + 9^1 + 19^2 = 14 + 23 + 60 + 91 + 192 \\
 380 &:= 1^4 + 2^4 + 3^0 + 12^0 + 19^2 = 14 + 24 + 30 + 120 + 192 \\
 380 &:= 1^4 + 2^4 + 4^0 + 11^0 + 19^2 = 14 + 24 + 40 + 110 + 192 \\
 380 &:= 1^4 + 2^4 + 5^0 + 10^0 + 19^2 = 14 + 24 + 50 + 100 + 192 \\
 380 &:= 1^4 + 2^4 + 6^0 + 9^0 + 19^2 = 14 + 24 + 60 + 90 + 192 \\
 380 &:= 1^4 + 2^4 + 7^0 + 8^0 + 19^2 = 14 + 24 + 70 + 80 + 192 \\
 380 &:= 1^4 + 2^5 + 2^6 + 4^4 + 27^1 = 14 + 25 + 26 + 44 + 271
 \end{aligned}$$

$$\begin{aligned} 380 &:= 1^4 + 2^6 + 2^7 + 13^2 + 18^1 = 14 + 26 + 27 + 132 + 181 \\ 380 &:= 1^4 + 3^0 + 4^4 + 11^2 + 18^0 = 14 + 30 + 44 + 112 + 180 \\ 380 &:= 1^4 + 3^2 + 6^0 + 12^2 + 15^2 = 14 + 32 + 60 + 122 + 152 \\ 380 &:= 1^4 + 4^0 + 4^4 + 11^2 + 17^0 = 14 + 40 + 44 + 112 + 170 \\ 380 &:= 1^4 + 4^2 + 6^0 + 7^3 + 19^1 = 14 + 42 + 60 + 73 + 191 \\ 380 &:= 1^4 + 4^4 + 10^0 + 11^0 + 11^2 = 14 + 44 + 100 + 110 + 112 \\ 380 &:= 1^4 + 4^4 + 5^0 + 11^2 + 16^0 = 14 + 44 + 50 + 112 + 160 \\ 380 &:= 1^4 + 4^4 + 6^0 + 11^2 + 15^0 = 14 + 44 + 60 + 112 + 150 \\ 380 &:= 1^4 + 4^4 + 7^0 + 11^2 + 14^0 = 14 + 44 + 70 + 112 + 140 \\ 380 &:= 1^4 + 4^4 + 8^0 + 11^2 + 13^0 = 14 + 44 + 80 + 112 + 130 \\ 380 &:= 1^4 + 4^4 + 9^0 + 11^2 + 12^0 = 14 + 44 + 90 + 112 + 120 \\ 380 &:= 1^4 + 5^2 + 6^0 + 8^2 + 17^2 = 14 + 52 + 60 + 82 + 172 \\ 380 &:= 1^4 + 5^2 + 7^3 + 10^1 + 14^0 = 14 + 52 + 73 + 101 + 140 \\ 380 &:= 1^5 + 1^5 + 2^8 + 11^2 + 21^0 = 15 + 15 + 28 + 112 + 210 \\ 380 &:= 1^5 + 1^9 + 2^4 + 13^0 + 19^2 = 15 + 19 + 24 + 130 + 192 \\ 380 &:= 1^5 + 1^9 + 4^4 + 11^2 + 19^0 = 15 + 19 + 44 + 112 + 190 \\ 380 &:= 1^5 + 2^0 + 2^2 + 13^1 + 19^2 = 15 + 20 + 22 + 131 + 192 \\ 380 &:= 1^5 + 2^0 + 8^1 + 9^2 + 17^2 = 15 + 20 + 81 + 92 + 172 \\ 380 &:= 1^5 + 2^8 + 3^4 + 4^2 + 26^1 = 15 + 28 + 34 + 42 + 261 \\ 380 &:= 1^5 + 3^2 + 6^0 + 8^1 + 19^2 = 15 + 32 + 60 + 81 + 192 \\ 380 &:= 1^5 + 5^1 + 6^0 + 7^2 + 18^2 = 15 + 51 + 60 + 72 + 182 \\ 380 &:= 1^6 + 1^8 + 2^4 + 13^0 + 19^2 = 16 + 18 + 24 + 130 + 192 \\ 380 &:= 1^6 + 1^8 + 4^4 + 11^2 + 19^0 = 16 + 18 + 44 + 112 + 190 \\ 380 &:= 1^6 + 1^9 + 2^2 + 13^1 + 19^2 = 16 + 19 + 22 + 131 + 192 \\ 380 &:= 1^6 + 1^9 + 8^1 + 9^2 + 17^2 = 16 + 19 + 81 + 92 + 172 \\ 380 &:= 1^6 + 2^0 + 4^2 + 11^0 + 19^2 = 16 + 20 + 42 + 110 + 192 \\ 380 &:= 1^6 + 2^0 + 7^0 + 11^2 + 16^2 = 16 + 20 + 70 + 112 + 162 \\ 380 &:= 1^6 + 2^6 + 3^5 + 7^2 + 23^1 = 16 + 26 + 35 + 72 + 231 \\ 380 &:= 1^6 + 2^8 + 4^3 + 6^2 + 23^1 = 16 + 28 + 43 + 62 + 231 \\ 380 &:= 1^6 + 3^0 + 4^2 + 10^0 + 19^2 = 16 + 30 + 42 + 100 + 192 \\ 380 &:= 1^6 + 3^0 + 6^0 + 11^2 + 16^2 = 16 + 30 + 60 + 112 + 162 \\ 380 &:= 1^6 + 4^0 + 4^2 + 9^0 + 19^2 = 16 + 40 + 42 + 90 + 192 \\ 380 &:= 1^6 + 4^0 + 5^0 + 11^2 + 16^2 = 16 + 40 + 50 + 112 + 162 \\ 380 &:= 1^6 + 4^2 + 5^0 + 8^0 + 19^2 = 16 + 42 + 50 + 80 + 192 \\ 380 &:= 1^6 + 4^2 + 6^0 + 7^0 + 19^2 = 16 + 42 + 60 + 70 + 192 \\ 380 &:= 1^7 + 1^7 + 2^4 + 13^0 + 19^2 = 17 + 17 + 24 + 130 + 192 \\ 380 &:= 1^7 + 1^7 + 4^4 + 11^2 + 19^0 = 17 + 17 + 44 + 112 + 190 \\ 380 &:= 1^7 + 1^8 + 2^2 + 13^1 + 19^2 = 17 + 18 + 22 + 131 + 192 \end{aligned}$$

$$\begin{aligned} 380 &:= 1^7 + 1^8 + 8^1 + 9^2 + 17^2 = 17 + 18 + 81 + 92 + 172 \\ 380 &:= 1^7 + 1^9 + 4^2 + 11^0 + 19^2 = 17 + 19 + 42 + 110 + 192 \\ 380 &:= 1^7 + 1^9 + 7^0 + 11^2 + 16^2 = 17 + 19 + 70 + 112 + 162 \\ 380 &:= 1^7 + 2^4 + 3^4 + 4^4 + 26^1 = 17 + 24 + 34 + 44 + 261 \\ 380 &:= 1^7 + 2^6 + 4^4 + 6^2 + 23^1 = 17 + 26 + 44 + 62 + 231 \\ 380 &:= 1^7 + 2^7 + 3^4 + 13^2 + 17^0 = 17 + 27 + 34 + 132 + 170 \\ 380 &:= 1^7 + 2^7 + 3^5 + 7^1 + 23^0 = 17 + 27 + 35 + 71 + 230 \\ 380 &:= 1^7 + 2^7 + 5^3 + 5^3 + 23^0 = 17 + 27 + 53 + 53 + 230 \\ 380 &:= 1^8 + 1^8 + 4^2 + 11^0 + 19^2 = 18 + 18 + 42 + 110 + 192 \\ 380 &:= 1^8 + 1^8 + 7^0 + 11^2 + 16^2 = 18 + 18 + 70 + 112 + 162 \\ 380 &:= 1^8 + 2^1 + 2^8 + 10^2 + 21^1 = 18 + 21 + 28 + 102 + 211 \\ 380 &:= 1^8 + 2^4 + 3^5 + 10^2 + 20^1 = 18 + 24 + 35 + 102 + 201 \\ 380 &:= 1^8 + 2^6 + 6^3 + 9^2 + 18^1 = 18 + 26 + 63 + 92 + 181 \\ 380 &:= 1^8 + 2^8 + 10^1 + 10^2 + 13^1 = 18 + 28 + 101 + 102 + 131 \\ 380 &:= 1^8 + 2^8 + 10^2 + 11^1 + 12^1 = 18 + 28 + 102 + 111 + 121 \\ 380 &:= 1^8 + 2^8 + 3^1 + 10^2 + 20^1 = 18 + 28 + 31 + 102 + 201 \\ 380 &:= 1^8 + 2^8 + 4^1 + 10^2 + 19^1 = 18 + 28 + 41 + 102 + 191 \\ 380 &:= 1^8 + 2^8 + 5^1 + 10^2 + 18^1 = 18 + 28 + 51 + 102 + 181 \\ 380 &:= 1^8 + 2^8 + 6^1 + 10^2 + 17^1 = 18 + 28 + 61 + 102 + 171 \\ 380 &:= 1^8 + 2^8 + 7^1 + 10^2 + 16^1 = 18 + 28 + 71 + 102 + 161 \\ 380 &:= 1^8 + 2^8 + 8^1 + 10^2 + 15^1 = 18 + 28 + 81 + 102 + 151 \\ 380 &:= 1^8 + 2^8 + 9^1 + 10^2 + 14^1 = 18 + 28 + 91 + 102 + 141 \\ 380 &:= 1^9 + 2^4 + 5^3 + 6^3 + 22^1 = 19 + 24 + 53 + 63 + 221 \\ 380 &:= 1^9 + 2^6 + 7^2 + 10^1 + 16^2 = 19 + 26 + 72 + 101 + 162 \\ 380 &:= 1^9 + 2^6 + 9^1 + 9^2 + 15^2 = 19 + 26 + 91 + 92 + 152 \\ 380 &:= 1^9 + 2^7 + 5^2 + 13^0 + 15^2 = 19 + 27 + 52 + 130 + 152 \\ 380 &:= 1^9 + 2^7 + 9^2 + 11^0 + 13^2 = 19 + 27 + 92 + 110 + 132 \\ 380 &:= 1^9 + 3^4 + 3^4 + 6^3 + 23^0 = 19 + 34 + 34 + 63 + 230 \\ 380 &:= 2^0 + 2^0 + 2^8 + 11^2 + 20^0 = 20 + 20 + 28 + 112 + 200 \\ 380 &:= 2^0 + 2^4 + 11^2 + 11^2 + 11^2 = 20 + 24 + 112 + 112 + 112 \\ 380 &:= 2^0 + 2^4 + 3^3 + 12^1 + 18^2 = 20 + 24 + 33 + 121 + 182 \\ 380 &:= 2^0 + 2^4 + 5^3 + 13^1 + 15^2 = 20 + 24 + 53 + 131 + 152 \\ 380 &:= 2^0 + 2^5 + 7^1 + 12^2 + 14^2 = 20 + 25 + 71 + 122 + 142 \\ 380 &:= 2^0 + 2^5 + 7^2 + 9^1 + 17^2 = 20 + 25 + 72 + 91 + 172 \\ 380 &:= 2^0 + 2^6 + 5^2 + 11^0 + 17^2 = 20 + 26 + 52 + 110 + 172 \\ 380 &:= 2^0 + 2^8 + 10^0 + 11^2 + 12^0 = 20 + 28 + 100 + 112 + 120 \\ 380 &:= 2^0 + 2^8 + 11^0 + 11^0 + 11^2 = 20 + 28 + 110 + 110 + 112 \\ 380 &:= 2^0 + 2^8 + 3^0 + 11^2 + 19^0 = 20 + 28 + 30 + 112 + 190 \end{aligned}$$

$$\begin{aligned} 380 &:= 2^0 + 2^8 + 4^0 + 11^2 + 18^0 = 20 + 28 + 40 + 112 + 180 \\ 380 &:= 2^0 + 2^8 + 5^0 + 11^2 + 17^0 = 20 + 28 + 50 + 112 + 170 \\ 380 &:= 2^0 + 2^8 + 6^0 + 11^2 + 16^0 = 20 + 28 + 60 + 112 + 160 \\ 380 &:= 2^0 + 2^8 + 7^0 + 11^2 + 15^0 = 20 + 28 + 70 + 112 + 150 \\ 380 &:= 2^0 + 2^8 + 8^0 + 11^2 + 14^0 = 20 + 28 + 80 + 112 + 140 \\ 380 &:= 2^0 + 2^8 + 9^0 + 11^2 + 13^0 = 20 + 28 + 90 + 112 + 130 \\ 380 &:= 2^0 + 3^4 + 6^3 + 8^2 + 18^1 = 20 + 34 + 63 + 82 + 181 \\ 380 &:= 2^1 + 2^1 + 2^5 + 7^3 + 24^0 = 21 + 21 + 25 + 73 + 240 \\ 380 &:= 2^1 + 3^5 + 5^3 + 9^1 + 18^0 = 21 + 35 + 53 + 91 + 180 \\ 380 &:= 2^2 + 2^4 + 7^3 + 10^0 + 16^1 = 22 + 24 + 73 + 100 + 161 \\ 380 &:= 2^2 + 3^5 + 10^0 + 11^1 + 11^2 = 22 + 35 + 100 + 111 + 112 \\ 380 &:= 2^3 + 2^3 + 6^0 + 7^3 + 20^1 = 23 + 23 + 60 + 73 + 201 \\ 380 &:= 2^3 + 2^6 + 2^6 + 3^5 + 27^0 = 23 + 26 + 26 + 35 + 270 \\ 380 &:= 2^3 + 4^4 + 6^0 + 10^2 + 15^1 = 23 + 44 + 60 + 102 + 151 \\ 380 &:= 2^4 + 3^1 + 6^3 + 12^2 + 14^0 = 24 + 31 + 63 + 122 + 140 \\ 380 &:= 2^4 + 3^2 + 7^3 + 11^1 + 14^0 = 24 + 32 + 73 + 111 + 140 \\ 380 &:= 2^4 + 4^0 + 4^3 + 10^1 + 17^2 = 24 + 40 + 43 + 101 + 172 \\ 380 &:= 2^4 + 4^0 + 5^2 + 13^2 + 13^2 = 24 + 40 + 52 + 132 + 132 \\ 380 &:= 2^4 + 4^1 + 4^2 + 7^3 + 20^0 = 24 + 41 + 42 + 73 + 200 \\ 380 &:= 2^4 + 5^2 + 6^0 + 7^2 + 17^2 = 24 + 52 + 60 + 72 + 172 \\ 380 &:= 2^5 + 2^6 + 2^8 + 3^0 + 27^1 = 25 + 26 + 28 + 30 + 271 \\ 380 &:= 2^5 + 4^2 + 6^0 + 7^1 + 18^2 = 25 + 42 + 60 + 71 + 182 \\ 380 &:= 2^6 + 3^0 + 5^2 + 10^0 + 17^2 = 26 + 30 + 52 + 100 + 172 \\ 380 &:= 2^6 + 4^0 + 5^2 + 9^0 + 17^2 = 26 + 40 + 52 + 90 + 172 \\ 380 &:= 2^6 + 5^0 + 5^2 + 8^0 + 17^2 = 26 + 50 + 52 + 80 + 172 \\ 380 &:= 2^6 + 5^2 + 6^0 + 7^0 + 17^2 = 26 + 52 + 60 + 70 + 172 \\ 380 &:= 2^8 + 3^0 + 10^0 + 11^0 + 11^2 = 28 + 30 + 100 + 110 + 112 \\ 380 &:= 2^8 + 3^0 + 3^0 + 11^2 + 18^0 = 28 + 30 + 30 + 112 + 180 \\ 380 &:= 2^8 + 3^0 + 4^0 + 11^2 + 17^0 = 28 + 30 + 40 + 112 + 170 \\ 380 &:= 2^8 + 3^0 + 5^0 + 11^2 + 16^0 = 28 + 30 + 50 + 112 + 160 \\ 380 &:= 2^8 + 3^0 + 6^0 + 11^2 + 15^0 = 28 + 30 + 60 + 112 + 150 \\ 380 &:= 2^8 + 3^0 + 7^0 + 11^2 + 14^0 = 28 + 30 + 70 + 112 + 140 \\ 380 &:= 2^8 + 3^0 + 8^0 + 11^2 + 13^0 = 28 + 30 + 80 + 112 + 130 \\ 380 &:= 2^8 + 3^0 + 9^0 + 11^2 + 12^0 = 28 + 30 + 90 + 112 + 120 \\ 380 &:= 2^8 + 4^0 + 10^0 + 10^0 + 11^2 = 28 + 40 + 100 + 100 + 112 \\ 380 &:= 2^8 + 4^0 + 4^0 + 11^2 + 16^0 = 28 + 40 + 40 + 112 + 160 \\ 380 &:= 2^8 + 4^0 + 5^0 + 11^2 + 15^0 = 28 + 40 + 50 + 112 + 150 \end{aligned}$$

$$\begin{aligned} 380 &:= 2^8 + 4^0 + 6^0 + 11^2 + 14^0 = 28 + 40 + 60 + 112 + 140 \\ 380 &:= 2^8 + 4^0 + 7^0 + 11^2 + 13^0 = 28 + 40 + 70 + 112 + 130 \\ 380 &:= 2^8 + 4^0 + 8^0 + 11^2 + 12^0 = 28 + 40 + 80 + 112 + 120 \\ 380 &:= 2^8 + 4^0 + 9^0 + 11^0 + 11^2 = 28 + 40 + 90 + 110 + 112 \\ 380 &:= 2^8 + 5^0 + 5^0 + 11^2 + 14^0 = 28 + 50 + 50 + 112 + 140 \\ 380 &:= 2^8 + 5^0 + 6^0 + 11^2 + 13^0 = 28 + 50 + 60 + 112 + 130 \\ 380 &:= 2^8 + 5^0 + 7^0 + 11^2 + 12^0 = 28 + 50 + 70 + 112 + 120 \\ 380 &:= 2^8 + 5^0 + 8^0 + 11^0 + 11^2 = 28 + 50 + 80 + 110 + 112 \\ 380 &:= 2^8 + 5^0 + 9^0 + 10^0 + 11^2 = 28 + 50 + 90 + 100 + 112 \\ 380 &:= 2^8 + 6^0 + 6^0 + 11^2 + 12^0 = 28 + 60 + 60 + 112 + 120 \\ 380 &:= 2^8 + 6^0 + 7^0 + 11^0 + 11^2 = 28 + 60 + 70 + 110 + 112 \\ 380 &:= 2^8 + 6^0 + 8^0 + 10^0 + 11^2 = 28 + 60 + 80 + 100 + 112 \\ 380 &:= 2^8 + 6^0 + 9^0 + 9^0 + 11^2 = 28 + 60 + 90 + 90 + 112 \\ 380 &:= 2^8 + 7^0 + 7^0 + 10^0 + 11^2 = 28 + 70 + 70 + 100 + 112 \\ 380 &:= 2^8 + 7^0 + 8^0 + 9^0 + 11^2 = 28 + 70 + 80 + 90 + 112 \\ 380 &:= 2^8 + 8^0 + 8^0 + 8^0 + 11^2 = 28 + 80 + 80 + 80 + 112 \\ 380 &:= 3^1 + 3^5 + 5^3 + 8^1 + 18^0 = 31 + 35 + 53 + 81 + 180 \\ 380 &:= 3^2 + 3^4 + 8^0 + 8^2 + 15^2 = 32 + 34 + 80 + 82 + 152 \\ 380 &:= 3^2 + 3^5 + 6^1 + 11^2 + 14^0 = 32 + 35 + 61 + 112 + 140 \\ 380 &:= 3^3 + 3^3 + 6^0 + 10^2 + 15^2 = 33 + 33 + 60 + 102 + 152 \\ 380 &:= 3^3 + 3^3 + 6^2 + 8^0 + 17^2 = 33 + 33 + 62 + 80 + 172 \\ 380 &:= 3^3 + 4^3 + 6^0 + 12^2 + 12^2 = 33 + 43 + 60 + 122 + 122 \\ 380 &:= 3^3 + 4^4 + 6^0 + 9^2 + 15^1 = 33 + 44 + 60 + 92 + 151 \\ 380 &:= 3^3 + 5^3 + 6^3 + 11^1 + 12^0 = 33 + 53 + 63 + 111 + 120 \\ 380 &:= 3^3 + 6^2 + 6^3 + 10^2 + 12^0 = 33 + 62 + 63 + 102 + 120 \\ 380 &:= 3^4 + 4^1 + 5^3 + 12^0 + 13^2 = 34 + 41 + 53 + 120 + 132 \\ 380 &:= 3^4 + 4^3 + 6^0 + 9^1 + 15^2 = 34 + 43 + 60 + 91 + 152 \\ 380 &:= 3^5 + 4^1 + 5^3 + 7^1 + 18^0 = 35 + 41 + 53 + 71 + 180 \\ 380 &:= 3^5 + 5^1 + 5^3 + 6^1 + 18^0 = 35 + 51 + 53 + 61 + 180 \\ 380 &:= 3^5 + 5^2 + 8^0 + 10^2 + 11^1 = 35 + 52 + 80 + 102 + 111 \\ 380 &:= 3^5 + 6^1 + 7^2 + 9^2 + 12^0 = 35 + 61 + 72 + 92 + 120 \\ 380 &:= 3^5 + 8^1 + 8^2 + 8^2 + 10^0 = 35 + 81 + 82 + 82 + 100 \\ 380 &:= 4^1 + 5^3 + 5^3 + 5^3 + 18^0 = 41 + 53 + 53 + 53 + 180 \\ 380 &:= 4^3 + 4^4 + 7^2 + 10^1 + 12^0 = 43 + 44 + 72 + 101 + 120 \\ 380 &:= 4^4 + 5^2 + 7^2 + 7^2 + 14^0 = 44 + 52 + 72 + 72 + 140 \end{aligned}$$

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$381 := 2^8 + 10^2 + 25^1$	$= 28 + 102 + 251$	$381 := 1^2 + 3^5 + 5^3 + 11^1 + 17^0$	$= 12 + 35 + 53 + 111 + 170$
$381 := 1^0 + 2^8 + 10^2 + 24^1$	$= 10 + 28 + 102 + 241$	$381 := 1^2 + 3^5 + 6^2 + 10^2 + 17^0$	$= 12 + 35 + 62 + 102 + 170$
$381 := 1^6 + 2^2 + 15^1 + 19^2$	$= 16 + 22 + 151 + 192$	$381 := 1^2 + 4^4 + 5^2 + 9^2 + 18^1$	$= 12 + 44 + 52 + 92 + 181$
$381 := 1^6 + 6^2 + 7^3 + 23^0$	$= 16 + 62 + 73 + 230$	$381 := 1^3 + 1^3 + 2^2 + 14^1 + 19^2$	$= 13 + 13 + 22 + 141 + 192$
$381 := 1^6 + 9^2 + 10^1 + 17^2$	$= 16 + 92 + 101 + 172$	$381 := 1^3 + 1^3 + 9^1 + 9^2 + 17^2$	$= 13 + 13 + 91 + 92 + 172$
$381 := 2^4 + 3^5 + 11^2 + 21^0$	$= 24 + 35 + 112 + 210$	$381 := 1^3 + 2^2 + 3^2 + 7^3 + 24^1$	$= 13 + 22 + 32 + 73 + 241$
$381 := 2^4 + 5^3 + 6^3 + 24^1$	$= 24 + 53 + 63 + 241$	$381 := 1^3 + 2^2 + 6^3 + 12^2 + 16^1$	$= 13 + 22 + 63 + 122 + 161$
$381 := 2^6 + 3^3 + 15^0 + 17^2$	$= 26 + 33 + 150 + 172$	$381 := 1^3 + 2^3 + 7^1 + 13^2 + 14^2$	$= 13 + 23 + 71 + 132 + 142$
$381 := 2^6 + 6^3 + 10^2 + 19^0$	$= 26 + 63 + 102 + 190$	$381 := 1^3 + 2^4 + 7^0 + 7^3 + 20^1$	$= 13 + 24 + 70 + 73 + 201$
$381 := 2^6 + 7^2 + 12^1 + 16^2$	$= 26 + 72 + 121 + 162$	$381 := 1^3 + 3^2 + 3^3 + 7^3 + 23^0$	$= 13 + 32 + 33 + 73 + 230$
$381 := 2^6 + 9^2 + 11^1 + 15^2$	$= 26 + 92 + 111 + 152$	$381 := 1^3 + 3^2 + 3^4 + 13^0 + 17^2$	$= 13 + 32 + 34 + 130 + 172$
$381 := 2^8 + 3^1 + 11^2 + 21^0$	$= 28 + 31 + 112 + 210$	$381 := 1^3 + 3^2 + 9^2 + 11^2 + 13^2$	$= 13 + 32 + 92 + 112 + 132$
$381 := 1^0 + 1^0 + 2^8 + 10^2 + 23^1$	$= 10 + 10 + 28 + 102 + 231$	$381 := 1^3 + 3^3 + 7^1 + 11^2 + 15^2$	$= 13 + 33 + 71 + 112 + 152$
$381 := 1^0 + 1^6 + 2^2 + 14^1 + 19^2$	$= 10 + 16 + 22 + 141 + 192$	$381 := 1^3 + 3^5 + 7^0 + 11^2 + 15^1$	$= 13 + 35 + 70 + 112 + 151$
$381 := 1^0 + 1^6 + 9^1 + 9^2 + 17^2$	$= 10 + 16 + 91 + 92 + 172$	$381 := 1^3 + 4^2 + 4^3 + 11^1 + 17^2$	$= 13 + 42 + 43 + 111 + 172$
$381 := 1^0 + 2^1 + 2^8 + 11^2 + 21^0$	$= 10 + 21 + 28 + 112 + 210$	$381 := 1^3 + 5^2 + 7^2 + 9^2 + 15^2$	$= 13 + 52 + 72 + 92 + 152$
$381 := 1^0 + 2^4 + 5^3 + 6^3 + 23^1$	$= 10 + 24 + 53 + 63 + 231$	$381 := 1^3 + 5^3 + 7^2 + 10^1 + 14^2$	$= 13 + 53 + 72 + 101 + 142$
$381 := 1^0 + 2^6 + 7^2 + 11^1 + 16^2$	$= 10 + 26 + 72 + 111 + 162$	$381 := 1^4 + 2^1 + 2^4 + 13^0 + 19^2$	$= 14 + 21 + 24 + 130 + 192$
$381 := 1^0 + 2^6 + 9^2 + 10^1 + 15^2$	$= 10 + 26 + 92 + 101 + 152$	$381 := 1^4 + 2^1 + 4^4 + 11^2 + 19^0$	$= 14 + 21 + 44 + 112 + 190$
$381 := 1^1 + 1^5 + 2^2 + 14^1 + 19^2$	$= 11 + 15 + 22 + 141 + 192$	$381 := 1^4 + 2^2 + 7^1 + 12^2 + 15^2$	$= 14 + 22 + 71 + 122 + 152$
$381 := 1^1 + 1^5 + 9^1 + 9^2 + 17^2$	$= 11 + 15 + 91 + 92 + 172$	$381 := 1^4 + 3^1 + 8^2 + 12^2 + 13^2$	$= 14 + 31 + 82 + 122 + 132$
$381 := 1^1 + 2^2 + 2^5 + 7^3 + 25^0$	$= 11 + 22 + 25 + 73 + 250$	$381 := 1^4 + 3^1 + 9^2 + 10^2 + 14^2$	$= 14 + 31 + 92 + 102 + 142$
$381 := 1^1 + 2^4 + 3^3 + 13^1 + 18^2$	$= 11 + 24 + 33 + 131 + 182$	$381 := 1^4 + 3^2 + 6^1 + 13^2 + 14^2$	$= 14 + 32 + 61 + 132 + 142$
$381 := 1^1 + 2^4 + 5^3 + 14^1 + 15^2$	$= 11 + 24 + 53 + 141 + 152$	$381 := 1^4 + 3^3 + 7^3 + 9^1 + 17^0$	$= 14 + 33 + 73 + 91 + 170$
$381 := 1^1 + 2^5 + 7^2 + 10^1 + 17^2$	$= 11 + 25 + 72 + 101 + 172$	$381 := 1^4 + 3^4 + 7^0 + 9^1 + 17^2$	$= 14 + 34 + 70 + 91 + 172$
$381 := 1^1 + 2^5 + 8^1 + 12^2 + 14^2$	$= 11 + 25 + 81 + 122 + 142$	$381 := 1^4 + 4^1 + 6^2 + 12^2 + 14^2$	$= 14 + 41 + 62 + 122 + 142$
$381 := 1^1 + 3^4 + 6^3 + 8^2 + 19^1$	$= 11 + 34 + 63 + 82 + 191$	$381 := 1^4 + 6^1 + 6^2 + 7^2 + 17^2$	$= 14 + 61 + 62 + 72 + 172$
$381 := 1^2 + 1^4 + 2^2 + 14^1 + 19^2$	$= 12 + 14 + 22 + 141 + 192$	$381 := 1^5 + 2^1 + 2^2 + 13^1 + 19^2$	$= 15 + 21 + 22 + 131 + 192$
$381 := 1^2 + 1^4 + 9^1 + 9^2 + 17^2$	$= 12 + 14 + 91 + 92 + 172$	$381 := 1^5 + 2^1 + 8^1 + 9^2 + 17^2$	$= 15 + 21 + 81 + 92 + 172$
$381 := 1^2 + 2^2 + 2^3 + 7^3 + 25^1$	$= 12 + 22 + 23 + 73 + 251$	$381 := 1^5 + 2^2 + 3^1 + 12^1 + 19^2$	$= 15 + 22 + 31 + 121 + 192$
$381 := 1^2 + 2^2 + 4^4 + 10^2 + 20^1$	$= 12 + 22 + 44 + 102 + 201$	$381 := 1^5 + 2^2 + 4^1 + 11^1 + 19^2$	$= 15 + 22 + 41 + 111 + 192$
$381 := 1^2 + 2^4 + 8^1 + 10^2 + 16^2$	$= 12 + 24 + 81 + 102 + 162$	$381 := 1^5 + 2^2 + 5^1 + 10^1 + 19^2$	$= 15 + 22 + 51 + 101 + 192$
$381 := 1^2 + 2^5 + 4^1 + 7^3 + 23^0$	$= 12 + 25 + 41 + 73 + 230$	$381 := 1^5 + 2^2 + 6^1 + 9^1 + 19^2$	$= 15 + 22 + 61 + 91 + 192$
$381 := 1^2 + 3^3 + 6^3 + 11^2 + 16^1$	$= 12 + 33 + 63 + 112 + 161$	$381 := 1^5 + 2^2 + 7^1 + 8^1 + 19^2$	$= 15 + 22 + 71 + 81 + 192$
$381 := 1^2 + 3^4 + 8^2 + 10^1 + 15^2$	$= 12 + 34 + 82 + 101 + 152$	$381 := 1^5 + 2^3 + 5^0 + 10^1 + 19^2$	$= 15 + 23 + 50 + 101 + 192$
$381 := 1^2 + 3^4 + 9^1 + 11^2 + 13^2$	$= 12 + 34 + 91 + 112 + 132$	$381 := 1^5 + 3^1 + 7^1 + 9^2 + 17^2$	$= 15 + 31 + 71 + 92 + 172$

$$\begin{aligned} 381 &:= 1^5 + 3^2 + 3^2 + 11^0 + 19^2 = 15 + 32 + 32 + 110 + 192 \\ 381 &:= 1^5 + 3^2 + 7^0 + 9^2 + 17^2 = 15 + 32 + 70 + 92 + 172 \\ 381 &:= 1^5 + 4^1 + 6^1 + 9^2 + 17^2 = 15 + 41 + 61 + 92 + 172 \\ 381 &:= 1^5 + 4^2 + 5^0 + 7^3 + 20^1 = 15 + 42 + 50 + 73 + 201 \\ 381 &:= 1^5 + 5^1 + 5^1 + 9^2 + 17^2 = 15 + 51 + 51 + 92 + 172 \\ 381 &:= 1^5 + 5^2 + 7^3 + 11^1 + 13^0 = 15 + 52 + 73 + 111 + 130 \\ 381 &:= 1^6 + 2^1 + 4^2 + 11^0 + 19^2 = 16 + 21 + 42 + 110 + 192 \\ 381 &:= 1^6 + 2^1 + 7^0 + 11^2 + 16^2 = 16 + 21 + 70 + 112 + 162 \\ 381 &:= 1^6 + 3^2 + 5^0 + 9^1 + 19^2 = 16 + 32 + 50 + 91 + 192 \\ 381 &:= 1^6 + 5^0 + 6^1 + 7^2 + 18^2 = 16 + 50 + 61 + 72 + 182 \\ 381 &:= 1^8 + 2^7 + 3^5 + 8^1 + 22^0 = 18 + 27 + 35 + 81 + 220 \\ 381 &:= 2^0 + 2^1 + 2^8 + 11^2 + 20^0 = 20 + 21 + 28 + 112 + 200 \\ 381 &:= 2^1 + 2^4 + 11^2 + 11^2 + 11^2 = 21 + 24 + 112 + 112 + 112 \\ 381 &:= 2^1 + 2^4 + 3^3 + 12^1 + 18^2 = 21 + 24 + 33 + 121 + 182 \\ 381 &:= 2^1 + 2^4 + 5^3 + 13^1 + 15^2 = 21 + 24 + 53 + 131 + 152 \\ 381 &:= 2^1 + 2^5 + 7^1 + 12^2 + 14^2 = 21 + 25 + 71 + 122 + 142 \\ 381 &:= 2^1 + 2^5 + 7^2 + 9^1 + 17^2 = 21 + 25 + 72 + 91 + 172 \\ 381 &:= 2^1 + 2^6 + 5^2 + 11^0 + 17^2 = 21 + 26 + 52 + 110 + 172 \\ 381 &:= 2^1 + 2^8 + 10^0 + 11^2 + 12^0 = 21 + 28 + 100 + 112 + 120 \\ 381 &:= 2^1 + 2^8 + 11^0 + 11^0 + 11^2 = 21 + 28 + 110 + 110 + 112 \\ 381 &:= 2^1 + 2^8 + 3^0 + 11^2 + 19^0 = 21 + 28 + 30 + 112 + 190 \\ 381 &:= 2^1 + 2^8 + 4^0 + 11^2 + 18^0 = 21 + 28 + 40 + 112 + 180 \\ 381 &:= 2^1 + 2^8 + 5^0 + 11^2 + 17^0 = 21 + 28 + 50 + 112 + 170 \\ 381 &:= 2^1 + 2^8 + 6^0 + 11^2 + 16^0 = 21 + 28 + 60 + 112 + 160 \\ 381 &:= 2^1 + 2^8 + 7^0 + 11^2 + 15^0 = 21 + 28 + 70 + 112 + 150 \\ 381 &:= 2^1 + 2^8 + 8^0 + 11^2 + 14^0 = 21 + 28 + 80 + 112 + 140 \\ 381 &:= 2^1 + 2^8 + 9^0 + 11^2 + 13^0 = 21 + 28 + 90 + 112 + 130 \\ 381 &:= 2^1 + 3^4 + 6^3 + 8^2 + 18^1 = 21 + 34 + 63 + 82 + 181 \\ 381 &:= 2^2 + 2^3 + 10^2 + 10^2 + 13^2 = 22 + 23 + 102 + 102 + 132 \\ 381 &:= 2^2 + 2^3 + 9^2 + 12^2 + 12^2 = 22 + 23 + 92 + 122 + 122 \\ 381 &:= 2^2 + 2^4 + 6^3 + 12^2 + 15^0 = 22 + 24 + 63 + 122 + 150 \\ 381 &:= 2^2 + 2^4 + 8^1 + 8^2 + 17^2 = 22 + 24 + 81 + 82 + 172 \\ 381 &:= 2^2 + 3^3 + 9^2 + 10^2 + 13^2 = 22 + 33 + 92 + 102 + 132 \\ 381 &:= 2^2 + 3^4 + 8^1 + 12^2 + 12^2 = 22 + 34 + 81 + 122 + 122 \\ 381 &:= 2^2 + 3^5 + 5^3 + 8^1 + 19^0 = 22 + 35 + 53 + 81 + 190 \\ 381 &:= 2^2 + 4^2 + 5^3 + 6^3 + 20^1 = 22 + 42 + 53 + 63 + 201 \\ 381 &:= 2^2 + 4^3 + 6^3 + 9^2 + 16^1 = 22 + 43 + 63 + 92 + 161 \\ 381 &:= 2^3 + 2^4 + 7^0 + 10^2 + 16^2 = 23 + 24 + 70 + 102 + 162 \end{aligned}$$

$$\begin{aligned} 381 &:= 2^3 + 2^4 + 7^3 + 13^0 + 13^1 = 23 + 24 + 73 + 130 + 131 \\ 381 &:= 2^3 + 3^2 + 4^3 + 11^1 + 17^2 = 23 + 32 + 43 + 111 + 172 \\ 381 &:= 2^3 + 3^3 + 6^1 + 12^2 + 14^2 = 23 + 33 + 61 + 122 + 142 \\ 381 &:= 2^3 + 3^3 + 7^2 + 8^1 + 17^2 = 23 + 33 + 72 + 81 + 172 \\ 381 &:= 2^3 + 3^5 + 8^1 + 11^2 + 13^0 = 23 + 35 + 81 + 112 + 130 \\ 381 &:= 2^3 + 4^2 + 4^4 + 10^2 + 17^0 = 23 + 42 + 44 + 102 + 170 \\ 381 &:= 2^3 + 6^3 + 8^2 + 9^2 + 12^1 = 23 + 63 + 82 + 92 + 121 \\ 381 &:= 2^4 + 3^1 + 3^3 + 11^1 + 18^2 = 24 + 31 + 33 + 111 + 182 \\ 381 &:= 2^4 + 3^1 + 5^3 + 12^1 + 15^2 = 24 + 31 + 53 + 121 + 152 \\ 381 &:= 2^4 + 3^1 + 7^2 + 12^2 + 13^2 = 24 + 31 + 72 + 122 + 132 \\ 381 &:= 2^4 + 3^3 + 4^1 + 10^1 + 18^2 = 24 + 33 + 41 + 101 + 182 \\ 381 &:= 2^4 + 3^3 + 5^1 + 9^1 + 18^2 = 24 + 33 + 51 + 91 + 182 \\ 381 &:= 2^4 + 3^3 + 6^1 + 8^1 + 18^2 = 24 + 33 + 61 + 81 + 182 \\ 381 &:= 2^4 + 3^3 + 7^0 + 9^2 + 16^2 = 24 + 33 + 70 + 92 + 162 \\ 381 &:= 2^4 + 3^3 + 7^1 + 7^1 + 18^2 = 24 + 33 + 71 + 71 + 182 \\ 381 &:= 2^4 + 4^1 + 5^3 + 11^1 + 15^2 = 24 + 41 + 53 + 111 + 152 \\ 381 &:= 2^4 + 4^1 + 6^2 + 10^2 + 15^2 = 24 + 41 + 62 + 102 + 152 \\ 381 &:= 2^4 + 4^2 + 4^2 + 9^1 + 18^2 = 24 + 42 + 42 + 91 + 182 \\ 381 &:= 2^4 + 4^4 + 8^1 + 10^2 + 13^0 = 24 + 44 + 81 + 102 + 130 \\ 381 &:= 2^4 + 5^1 + 5^3 + 10^1 + 15^2 = 24 + 51 + 53 + 101 + 152 \\ 381 &:= 2^4 + 5^3 + 6^1 + 9^1 + 15^2 = 24 + 53 + 61 + 91 + 152 \\ 381 &:= 2^4 + 5^3 + 7^1 + 8^1 + 15^2 = 24 + 53 + 71 + 81 + 152 \\ 381 &:= 2^5 + 3^1 + 6^1 + 12^2 + 14^2 = 25 + 31 + 61 + 122 + 142 \\ 381 &:= 2^5 + 3^1 + 7^2 + 8^1 + 17^2 = 25 + 31 + 72 + 81 + 172 \\ 381 &:= 2^5 + 4^1 + 5^1 + 12^2 + 14^2 = 25 + 41 + 51 + 122 + 142 \\ 381 &:= 2^5 + 4^1 + 7^1 + 7^2 + 17^2 = 25 + 41 + 71 + 72 + 172 \\ 381 &:= 2^5 + 5^1 + 6^1 + 7^2 + 17^2 = 25 + 51 + 61 + 72 + 172 \\ 381 &:= 2^5 + 6^3 + 7^0 + 11^1 + 11^2 = 25 + 63 + 70 + 111 + 112 \\ 381 &:= 2^6 + 3^0 + 4^2 + 11^1 + 17^2 = 26 + 30 + 42 + 111 + 172 \\ 381 &:= 2^6 + 3^1 + 7^0 + 12^2 + 13^2 = 26 + 31 + 70 + 122 + 132 \\ 381 &:= 3^1 + 3^2 + 3^5 + 5^3 + 23^0 = 31 + 32 + 35 + 53 + 230 \\ 381 &:= 3^1 + 3^4 + 6^3 + 8^2 + 17^1 = 31 + 34 + 63 + 82 + 171 \\ 381 &:= 3^2 + 3^3 + 7^2 + 10^2 + 14^2 = 32 + 33 + 72 + 102 + 142 \\ 381 &:= 3^2 + 3^4 + 5^2 + 10^1 + 16^2 = 32 + 34 + 52 + 101 + 162 \\ 381 &:= 3^2 + 3^5 + 8^2 + 8^2 + 15^0 = 32 + 35 + 82 + 82 + 150 \\ 381 &:= 3^2 + 4^3 + 8^2 + 10^2 + 12^2 = 32 + 43 + 82 + 102 + 122 \\ 381 &:= 3^2 + 4^4 + 6^2 + 8^2 + 16^1 = 32 + 44 + 62 + 82 + 161 \\ 381 &:= 3^3 + 3^3 + 7^1 + 8^2 + 16^2 = 33 + 33 + 71 + 82 + 162 \end{aligned}$$

$$\begin{aligned}
 381 &:= 3^3 + 3^4 + 4^2 + 11^0 + 16^2 = 33 + 34 + 42 + 110 + 162 \\
 381 &:= 3^3 + 3^5 + 10^1 + 10^2 + 11^0 = 33 + 35 + 101 + 102 + 110 \\
 381 &:= 3^3 + 4^2 + 4^4 + 9^2 + 17^0 = 33 + 42 + 44 + 92 + 170 \\
 381 &:= 3^3 + 4^2 + 5^2 + 12^2 + 13^2 = 33 + 42 + 52 + 122 + 132 \\
 381 &:= 3^3 + 4^2 + 7^2 + 8^2 + 15^2 = 33 + 42 + 72 + 82 + 152 \\
 381 &:= 3^3 + 4^3 + 4^3 + 11^0 + 15^2 = 33 + 43 + 43 + 110 + 152 \\
 381 &:= 3^3 + 4^3 + 5^2 + 9^1 + 16^2 = 33 + 43 + 52 + 91 + 162 \\
 381 &:= 3^3 + 5^2 + 6^3 + 10^2 + 13^1 = 33 + 52 + 63 + 102 + 131 \\
 381 &:= 3^3 + 5^3 + 8^1 + 10^2 + 11^2 = 33 + 53 + 81 + 102 + 112 \\
 381 &:= 3^4 + 4^1 + 6^3 + 8^2 + 16^1 = 34 + 41 + 63 + 82 + 161 \\
 381 &:= 3^4 + 4^2 + 7^1 + 9^2 + 14^2 = 34 + 42 + 71 + 92 + 142 \\
 381 &:= 3^4 + 4^3 + 5^0 + 6^3 + 19^1 = 34 + 43 + 50 + 63 + 191 \\
 381 &:= 3^4 + 4^4 + 5^2 + 7^0 + 18^1 = 34 + 44 + 52 + 70 + 181 \\
 381 &:= 3^4 + 4^4 + 6^2 + 7^1 + 17^0 = 34 + 44 + 62 + 71 + 170 \\
 381 &:= 3^4 + 5^1 + 6^3 + 8^2 + 15^1 = 34 + 51 + 63 + 82 + 151
 \end{aligned}$$

$$\begin{aligned}
 381 &:= 3^4 + 5^2 + 6^1 + 10^2 + 13^2 = 34 + 52 + 61 + 102 + 132 \\
 381 &:= 3^4 + 6^1 + 6^3 + 8^2 + 14^1 = 34 + 61 + 63 + 82 + 141 \\
 381 &:= 3^4 + 6^1 + 7^2 + 7^2 + 14^2 = 34 + 61 + 72 + 72 + 142 \\
 381 &:= 3^4 + 6^3 + 7^1 + 8^2 + 13^1 = 34 + 63 + 71 + 82 + 131 \\
 381 &:= 3^4 + 6^3 + 8^1 + 8^2 + 12^1 = 34 + 63 + 81 + 82 + 121 \\
 381 &:= 3^4 + 6^3 + 8^2 + 10^1 + 10^1 = 34 + 63 + 82 + 101 + 101 \\
 381 &:= 3^4 + 6^3 + 8^2 + 9^1 + 11^1 = 34 + 63 + 82 + 91 + 111 \\
 381 &:= 3^5 + 4^3 + 8^2 + 9^1 + 13^0 = 35 + 43 + 82 + 91 + 130 \\
 381 &:= 4^2 + 4^3 + 6^2 + 11^2 + 12^2 = 42 + 43 + 62 + 112 + 122 \\
 381 &:= 4^3 + 4^3 + 6^2 + 6^3 + 17^0 = 43 + 43 + 62 + 63 + 170 \\
 381 &:= 4^3 + 4^3 + 7^2 + 8^1 + 14^2 = 43 + 43 + 72 + 81 + 142 \\
 381 &:= 4^3 + 6^2 + 6^2 + 7^2 + 14^2 = 43 + 62 + 62 + 72 + 142 \\
 381 &:= 4^4 + 5^2 + 6^2 + 7^2 + 15^1 = 44 + 52 + 62 + 72 + 151 \\
 381 &:= 5^3 + 8^2 + 8^2 + 8^2 + 8^2 = 53 + 82 + 82 + 82 + 82
 \end{aligned}$$

2.2.283 Number 382

$$\begin{aligned}
 382 &:= 2^2 + 2^8 + 11^2 + 22^0 = 22 + 28 + 112 + 220 \\
 382 &:= 2^8 + 5^2 + 10^2 + 20^0 = 28 + 52 + 102 + 200 \\
 382 &:= 1^0 + 1^7 + 6^2 + 7^3 + 22^0 = 10 + 17 + 62 + 73 + 220 \\
 382 &:= 1^0 + 2^7 + 3^3 + 15^2 + 16^0 = 10 + 27 + 33 + 152 + 160 \\
 382 &:= 1^0 + 2^7 + 6^2 + 6^3 + 22^0 = 10 + 27 + 62 + 63 + 220 \\
 382 &:= 1^1 + 1^6 + 6^2 + 7^3 + 22^0 = 11 + 16 + 62 + 73 + 220 \\
 382 &:= 1^1 + 2^4 + 3^5 + 11^2 + 20^0 = 11 + 24 + 35 + 112 + 200 \\
 382 &:= 1^1 + 2^6 + 3^3 + 14^0 + 17^2 = 11 + 26 + 33 + 140 + 172 \\
 382 &:= 1^1 + 2^6 + 6^3 + 10^2 + 18^0 = 11 + 26 + 63 + 102 + 180 \\
 382 &:= 1^1 + 2^8 + 3^1 + 11^2 + 20^0 = 11 + 28 + 31 + 112 + 200 \\
 382 &:= 1^2 + 1^5 + 6^2 + 7^3 + 22^0 = 12 + 15 + 62 + 73 + 220 \\
 382 &:= 1^3 + 1^4 + 6^2 + 7^3 + 22^0 = 13 + 14 + 62 + 73 + 220 \\
 382 &:= 1^3 + 2^5 + 5^1 + 7^3 + 22^0 = 13 + 25 + 51 + 73 + 220 \\
 382 &:= 1^3 + 3^5 + 4^2 + 11^2 + 18^0 = 13 + 35 + 42 + 112 + 180 \\
 382 &:= 1^3 + 3^5 + 5^3 + 12^1 + 16^0 = 13 + 35 + 53 + 121 + 160 \\
 382 &:= 1^4 + 2^4 + 6^0 + 7^3 + 21^1 = 14 + 24 + 60 + 73 + 211 \\
 382 &:= 1^4 + 3^3 + 4^3 + 12^0 + 17^2 = 14 + 33 + 43 + 120 + 172 \\
 382 &:= 1^4 + 3^5 + 6^0 + 11^2 + 16^1 = 14 + 35 + 60 + 112 + 161 \\
 382 &:= 1^4 + 4^3 + 6^3 + 10^2 + 16^0 = 14 + 43 + 63 + 102 + 160 \\
 382 &:= 1^5 + 2^4 + 3^1 + 12^0 + 19^2 = 15 + 24 + 31 + 120 + 192
 \end{aligned}$$

$$\begin{aligned}
 382 &:= 1^5 + 2^6 + 2^8 + 6^2 + 25^1 = 15 + 26 + 28 + 62 + 251 \\
 382 &:= 1^5 + 3^1 + 4^4 + 11^2 + 18^0 = 15 + 31 + 44 + 112 + 180 \\
 382 &:= 1^5 + 3^3 + 7^3 + 10^1 + 16^0 = 15 + 33 + 73 + 101 + 160 \\
 382 &:= 1^5 + 3^3 + 8^0 + 8^2 + 17^2 = 15 + 33 + 80 + 82 + 172 \\
 382 &:= 1^5 + 3^4 + 6^0 + 10^1 + 17^2 = 15 + 34 + 60 + 101 + 172 \\
 382 &:= 1^5 + 6^3 + 8^2 + 10^2 + 12^0 = 15 + 63 + 82 + 102 + 120 \\
 382 &:= 1^6 + 2^3 + 4^0 + 11^1 + 19^2 = 16 + 23 + 40 + 111 + 192 \\
 382 &:= 1^6 + 4^0 + 4^2 + 7^3 + 21^1 = 16 + 40 + 42 + 73 + 211 \\
 382 &:= 1^6 + 5^2 + 7^3 + 12^0 + 12^1 = 16 + 52 + 73 + 120 + 121 \\
 382 &:= 1^7 + 2^0 + 6^2 + 7^3 + 21^0 = 17 + 20 + 62 + 73 + 210 \\
 382 &:= 1^7 + 3^0 + 6^2 + 7^3 + 20^0 = 17 + 30 + 62 + 73 + 200 \\
 382 &:= 1^7 + 3^1 + 4^2 + 10^0 + 19^2 = 17 + 31 + 42 + 100 + 192 \\
 382 &:= 1^7 + 3^1 + 6^0 + 11^2 + 16^2 = 17 + 31 + 60 + 112 + 162 \\
 382 &:= 1^7 + 3^2 + 4^0 + 10^1 + 19^2 = 17 + 32 + 40 + 101 + 192 \\
 382 &:= 1^7 + 4^0 + 6^2 + 7^3 + 19^0 = 17 + 40 + 62 + 73 + 190 \\
 382 &:= 1^7 + 4^0 + 7^1 + 7^2 + 18^2 = 17 + 40 + 71 + 72 + 182 \\
 382 &:= 1^7 + 5^0 + 6^2 + 7^3 + 18^0 = 17 + 50 + 62 + 73 + 180 \\
 382 &:= 1^7 + 6^0 + 6^2 + 7^3 + 17^0 = 17 + 60 + 62 + 73 + 170 \\
 382 &:= 1^7 + 6^2 + 7^0 + 7^3 + 16^0 = 17 + 62 + 70 + 73 + 160 \\
 382 &:= 1^7 + 6^2 + 7^3 + 10^0 + 13^0 = 17 + 62 + 73 + 100 + 130
 \end{aligned}$$

$$\begin{aligned}
 382 &:= 1^7 + 6^2 + 7^3 + 11^0 + 12^0 = 17 + 62 + 73 + 110 + 120 \\
 382 &:= 1^7 + 6^2 + 7^3 + 8^0 + 15^0 = 17 + 62 + 73 + 80 + 150 \\
 382 &:= 1^7 + 6^2 + 7^3 + 9^0 + 14^0 = 17 + 62 + 73 + 90 + 140 \\
 382 &:= 1^8 + 1^9 + 6^2 + 7^3 + 21^0 = 18 + 19 + 62 + 73 + 210 \\
 382 &:= 1^8 + 2^7 + 3^2 + 3^5 + 27^0 = 18 + 27 + 32 + 35 + 270 \\
 382 &:= 1^9 + 2^2 + 2^8 + 10^2 + 21^1 = 19 + 22 + 28 + 102 + 211 \\
 382 &:= 1^9 + 2^7 + 3^5 + 9^1 + 21^0 = 19 + 27 + 35 + 91 + 210 \\
 382 &:= 1^9 + 2^8 + 5^2 + 9^2 + 19^1 = 19 + 28 + 52 + 92 + 191 \\
 382 &:= 2^0 + 2^7 + 11^1 + 11^2 + 11^2 = 20 + 27 + 111 + 112 + 112 \\
 382 &:= 2^0 + 2^7 + 3^3 + 15^0 + 15^2 = 20 + 27 + 33 + 150 + 152 \\
 382 &:= 2^0 + 2^7 + 6^2 + 6^3 + 21^0 = 20 + 27 + 62 + 63 + 210 \\
 382 &:= 2^1 + 2^1 + 2^8 + 11^2 + 20^0 = 21 + 21 + 28 + 112 + 200 \\
 382 &:= 2^2 + 2^6 + 8^0 + 12^2 + 13^2 = 22 + 26 + 80 + 122 + 132 \\
 382 &:= 2^2 + 3^2 + 3^5 + 5^3 + 24^0 = 22 + 32 + 35 + 53 + 240 \\
 382 &:= 2^3 + 3^2 + 3^5 + 11^2 + 18^0 = 23 + 32 + 35 + 112 + 180 \\
 382 &:= 2^3 + 3^5 + 5^1 + 5^3 + 22^0 = 23 + 35 + 51 + 53 + 220 \\
 382 &:= 2^3 + 3^5 + 7^2 + 9^2 + 16^0 = 23 + 35 + 72 + 92 + 160 \\
 382 &:= 2^4 + 2^4 + 5^2 + 10^0 + 18^2 = 24 + 24 + 52 + 100 + 182 \\
 382 &:= 2^4 + 2^4 + 6^1 + 7^3 + 20^0 = 24 + 24 + 61 + 73 + 200 \\
 382 &:= 2^4 + 2^5 + 6^0 + 9^1 + 18^2 = 24 + 25 + 60 + 91 + 182 \\
 382 &:= 2^4 + 3^2 + 4^4 + 10^2 + 18^0 = 24 + 32 + 44 + 102 + 180 \\
 382 &:= 2^5 + 3^4 + 4^0 + 12^1 + 16^2 = 25 + 34 + 40 + 121 + 162 \\
 382 &:= 2^5 + 4^4 + 9^2 + 10^0 + 12^1 = 25 + 44 + 92 + 100 + 121 \\
 382 &:= 2^5 + 5^3 + 6^3 + 8^1 + 16^0 = 25 + 53 + 63 + 81 + 160 \\
 382 &:= 2^6 + 2^6 + 2^7 + 5^3 + 25^0 = 26 + 26 + 27 + 53 + 250 \\
 382 &:= 2^6 + 5^2 + 6^2 + 8^0 + 16^2 = 26 + 52 + 62 + 80 + 162 \\
 382 &:= 2^7 + 3^0 + 3^3 + 14^0 + 15^2 = 27 + 30 + 33 + 140 + 152
 \end{aligned}$$

$$\begin{aligned}
 382 &:= 2^7 + 3^0 + 6^2 + 6^3 + 20^0 = 27 + 30 + 62 + 63 + 200 \\
 382 &:= 2^7 + 3^1 + 5^2 + 12^0 + 15^2 = 27 + 31 + 52 + 120 + 152 \\
 382 &:= 2^7 + 3^1 + 9^2 + 10^0 + 13^2 = 27 + 31 + 92 + 100 + 132 \\
 382 &:= 2^7 + 3^3 + 4^0 + 13^0 + 15^2 = 27 + 33 + 40 + 130 + 152 \\
 382 &:= 2^7 + 3^3 + 5^0 + 12^0 + 15^2 = 27 + 33 + 50 + 120 + 152 \\
 382 &:= 2^7 + 3^3 + 6^0 + 11^0 + 15^2 = 27 + 33 + 60 + 110 + 152 \\
 382 &:= 2^7 + 3^3 + 7^0 + 10^0 + 15^2 = 27 + 33 + 70 + 100 + 152 \\
 382 &:= 2^7 + 3^3 + 8^0 + 9^0 + 15^2 = 27 + 33 + 80 + 90 + 152 \\
 382 &:= 2^7 + 4^0 + 4^2 + 12^1 + 15^2 = 27 + 40 + 42 + 121 + 152 \\
 382 &:= 2^7 + 4^0 + 6^2 + 6^3 + 19^0 = 27 + 40 + 62 + 63 + 190 \\
 382 &:= 2^7 + 4^0 + 9^1 + 10^2 + 12^2 = 27 + 40 + 91 + 102 + 122 \\
 382 &:= 2^7 + 5^0 + 6^2 + 6^3 + 18^0 = 27 + 50 + 62 + 63 + 180 \\
 382 &:= 2^7 + 6^0 + 6^2 + 6^3 + 17^0 = 27 + 60 + 62 + 63 + 170 \\
 382 &:= 2^7 + 6^0 + 7^2 + 8^1 + 14^2 = 27 + 60 + 72 + 81 + 142 \\
 382 &:= 2^7 + 6^2 + 6^3 + 10^0 + 13^0 = 27 + 62 + 63 + 100 + 130 \\
 382 &:= 2^7 + 6^2 + 6^3 + 11^0 + 12^0 = 27 + 62 + 63 + 110 + 120 \\
 382 &:= 2^7 + 6^2 + 6^3 + 7^0 + 16^0 = 27 + 62 + 63 + 70 + 160 \\
 382 &:= 2^7 + 6^2 + 6^3 + 8^0 + 15^0 = 27 + 62 + 63 + 80 + 150 \\
 382 &:= 2^7 + 6^2 + 6^3 + 9^0 + 14^0 = 27 + 62 + 63 + 90 + 140 \\
 382 &:= 3^1 + 3^4 + 3^4 + 6^3 + 22^0 = 31 + 34 + 34 + 63 + 220 \\
 382 &:= 3^3 + 3^4 + 4^4 + 10^0 + 17^1 = 33 + 34 + 44 + 100 + 171 \\
 382 &:= 3^4 + 3^5 + 4^0 + 6^2 + 21^1 = 34 + 35 + 40 + 62 + 211 \\
 382 &:= 3^4 + 3^5 + 7^2 + 8^1 + 16^0 = 34 + 35 + 72 + 81 + 160 \\
 382 &:= 3^5 + 4^3 + 4^3 + 10^1 + 16^0 = 35 + 43 + 43 + 101 + 160 \\
 382 &:= 3^5 + 4^3 + 5^2 + 7^2 + 18^0 = 35 + 43 + 52 + 72 + 180
 \end{aligned}$$

2.2.284 Number 383

$$\begin{aligned}
 383 &:= 1^2 + 2^8 + 5^3 + 29^0 = 12 + 28 + 53 + 290 \\
 383 &:= 1^6 + 4^4 + 5^3 + 27^0 = 16 + 44 + 53 + 270 \\
 383 &:= 1^8 + 5^3 + 15^0 + 16^2 = 18 + 53 + 150 + 162 \\
 383 &:= 2^2 + 2^8 + 10^2 + 23^1 = 22 + 28 + 102 + 231 \\
 383 &:= 2^7 + 3^5 + 11^1 + 21^0 = 27 + 35 + 111 + 210 \\
 383 &:= 2^8 + 5^2 + 9^2 + 21^1 = 28 + 52 + 92 + 211 \\
 383 &:= 1^0 + 2^2 + 2^8 + 10^2 + 22^1 = 10 + 22 + 28 + 102 + 221 \\
 383 &:= 1^0 + 2^7 + 3^5 + 10^1 + 21^0 = 10 + 27 + 35 + 101 + 210 \\
 383 &:= 1^0 + 2^8 + 5^2 + 9^2 + 20^1 = 10 + 28 + 52 + 92 + 201
 \end{aligned}$$

$$\begin{aligned}
 383 &:= 1^1 + 2^2 + 2^8 + 11^2 + 21^0 = 11 + 22 + 28 + 112 + 210 \\
 383 &:= 1^1 + 2^7 + 11^2 + 11^2 + 12^1 = 11 + 27 + 112 + 112 + 121 \\
 383 &:= 1^1 + 2^8 + 5^2 + 10^2 + 19^0 = 11 + 28 + 52 + 102 + 190 \\
 383 &:= 1^2 + 2^6 + 4^2 + 13^1 + 17^2 = 12 + 26 + 42 + 131 + 172 \\
 383 &:= 1^2 + 2^8 + 4^1 + 11^2 + 19^0 = 12 + 28 + 41 + 112 + 190 \\
 383 &:= 1^3 + 2^4 + 4^3 + 13^1 + 17^2 = 13 + 24 + 43 + 131 + 172 \\
 383 &:= 1^3 + 2^6 + 9^0 + 11^2 + 14^2 = 13 + 26 + 90 + 112 + 142 \\
 383 &:= 1^4 + 2^5 + 5^2 + 11^0 + 18^2 = 14 + 25 + 52 + 110 + 182 \\
 383 &:= 1^4 + 2^5 + 6^1 + 7^3 + 21^0 = 14 + 25 + 61 + 73 + 210
 \end{aligned}$$

$$\begin{aligned}
 383 &:= 1^4 + 3^5 + 5^3 + 13^1 + 15^0 = 14 + 35 + 53 + 131 + 150 \\
 383 &:= 1^5 + 2^2 + 2^4 + 13^0 + 19^2 = 15 + 22 + 24 + 130 + 192 \\
 383 &:= 1^5 + 2^2 + 4^4 + 11^2 + 19^0 = 15 + 22 + 44 + 112 + 190 \\
 383 &:= 1^5 + 2^4 + 5^0 + 7^3 + 22^1 = 15 + 24 + 50 + 73 + 221 \\
 383 &:= 1^5 + 2^4 + 7^0 + 13^2 + 14^2 = 15 + 24 + 70 + 132 + 142 \\
 383 &:= 1^5 + 3^5 + 5^0 + 11^2 + 17^1 = 15 + 35 + 50 + 112 + 171 \\
 383 &:= 1^5 + 4^2 + 7^2 + 11^2 + 14^2 = 15 + 42 + 72 + 112 + 142 \\
 383 &:= 1^5 + 4^4 + 5^2 + 10^2 + 17^0 = 15 + 44 + 52 + 102 + 170 \\
 383 &:= 1^6 + 2^2 + 2^2 + 13^1 + 19^2 = 16 + 22 + 22 + 131 + 192 \\
 383 &:= 1^6 + 2^2 + 8^1 + 9^2 + 17^2 = 16 + 22 + 81 + 92 + 172 \\
 383 &:= 1^6 + 2^3 + 7^2 + 9^0 + 18^2 = 16 + 23 + 72 + 90 + 182 \\
 383 &:= 1^6 + 2^4 + 4^1 + 11^0 + 19^2 = 16 + 24 + 41 + 110 + 192 \\
 383 &:= 1^6 + 2^7 + 2^7 + 5^3 + 26^0 = 16 + 27 + 27 + 53 + 260 \\
 383 &:= 1^6 + 3^3 + 7^3 + 11^1 + 15^0 = 16 + 33 + 73 + 111 + 150 \\
 383 &:= 1^6 + 3^4 + 5^0 + 11^1 + 17^2 = 16 + 34 + 50 + 111 + 172 \\
 383 &:= 1^6 + 4^1 + 4^4 + 11^2 + 17^0 = 16 + 41 + 44 + 112 + 170 \\
 383 &:= 1^6 + 4^3 + 7^0 + 11^2 + 14^2 = 16 + 43 + 70 + 112 + 142 \\
 383 &:= 1^6 + 5^2 + 5^2 + 8^1 + 18^2 = 16 + 52 + 52 + 81 + 182 \\
 383 &:= 1^7 + 2^1 + 6^2 + 7^3 + 21^0 = 17 + 21 + 62 + 73 + 210 \\
 383 &:= 1^7 + 2^2 + 4^2 + 11^0 + 19^2 = 17 + 22 + 42 + 110 + 192 \\
 383 &:= 1^7 + 2^2 + 7^0 + 11^2 + 16^2 = 17 + 22 + 70 + 112 + 162 \\
 383 &:= 1^7 + 2^3 + 3^0 + 12^1 + 19^2 = 17 + 23 + 30 + 121 + 192 \\
 383 &:= 1^7 + 3^0 + 4^2 + 7^3 + 22^1 = 17 + 30 + 42 + 73 + 221 \\
 383 &:= 1^7 + 3^0 + 8^2 + 11^2 + 14^2 = 17 + 30 + 82 + 112 + 142 \\
 383 &:= 1^7 + 4^2 + 5^0 + 13^2 + 14^2 = 17 + 42 + 50 + 132 + 142 \\
 383 &:= 1^7 + 5^0 + 5^2 + 10^2 + 16^2 = 17 + 50 + 52 + 102 + 162 \\
 383 &:= 1^7 + 5^2 + 7^3 + 11^0 + 13^1 = 17 + 52 + 73 + 110 + 131 \\
 383 &:= 1^8 + 3^0 + 3^2 + 11^1 + 19^2 = 18 + 30 + 32 + 111 + 192 \\
 383 &:= 1^8 + 3^0 + 7^2 + 8^1 + 18^2 = 18 + 30 + 72 + 81 + 182 \\
 383 &:= 1^8 + 4^1 + 4^2 + 9^0 + 19^2 = 18 + 41 + 42 + 90 + 192 \\
 383 &:= 1^8 + 4^1 + 5^0 + 11^2 + 16^2 = 18 + 41 + 50 + 112 + 162 \\
 383 &:= 2^0 + 2^7 + 3^5 + 10^1 + 20^0 = 20 + 27 + 35 + 101 + 200 \\
 383 &:= 2^1 + 2^7 + 11^1 + 11^2 + 11^2 = 21 + 27 + 111 + 112 + 112 \\
 383 &:= 2^1 + 2^7 + 3^3 + 15^0 + 15^2 = 21 + 27 + 33 + 150 + 152 \\
 383 &:= 2^1 + 2^7 + 6^2 + 6^3 + 21^0 = 21 + 27 + 62 + 63 + 210 \\
 383 &:= 2^2 + 2^4 + 5^3 + 6^3 + 22^1 = 22 + 24 + 53 + 63 + 221 \\
 383 &:= 2^2 + 2^6 + 7^2 + 10^1 + 16^2 = 22 + 26 + 72 + 101 + 162 \\
 383 &:= 2^2 + 2^6 + 9^1 + 9^2 + 15^2 = 22 + 26 + 91 + 92 + 152
 \end{aligned}$$

$$\begin{aligned}
 383 &:= 2^2 + 2^7 + 5^2 + 13^0 + 15^2 = 22 + 27 + 52 + 130 + 152 \\
 383 &:= 2^2 + 2^7 + 9^2 + 11^0 + 13^2 = 22 + 27 + 92 + 110 + 132 \\
 383 &:= 2^2 + 3^4 + 3^4 + 6^3 + 23^0 = 22 + 34 + 34 + 63 + 230 \\
 383 &:= 2^4 + 2^4 + 4^2 + 11^1 + 18^2 = 24 + 24 + 42 + 111 + 182 \\
 383 &:= 2^4 + 2^4 + 5^3 + 13^0 + 15^2 = 24 + 24 + 53 + 130 + 152 \\
 383 &:= 2^4 + 2^6 + 3^0 + 13^1 + 17^2 = 24 + 26 + 30 + 131 + 172 \\
 383 &:= 2^4 + 3^4 + 9^1 + 9^2 + 14^2 = 24 + 34 + 91 + 92 + 142 \\
 383 &:= 2^5 + 3^2 + 10^2 + 11^2 + 11^2 = 25 + 32 + 102 + 112 + 112 \\
 383 &:= 2^5 + 3^2 + 5^3 + 6^3 + 21^0 = 25 + 32 + 53 + 63 + 210 \\
 383 &:= 2^5 + 3^3 + 5^2 + 10^1 + 17^2 = 25 + 33 + 52 + 101 + 172 \\
 383 &:= 2^5 + 3^3 + 7^1 + 11^2 + 14^2 = 25 + 33 + 71 + 112 + 142 \\
 383 &:= 2^5 + 3^4 + 9^0 + 10^2 + 13^2 = 25 + 34 + 90 + 102 + 132 \\
 383 &:= 2^5 + 3^5 + 7^1 + 10^2 + 15^0 = 25 + 35 + 71 + 102 + 150 \\
 383 &:= 2^5 + 5^2 + 6^2 + 11^2 + 13^2 = 25 + 52 + 62 + 112 + 132 \\
 383 &:= 2^5 + 5^2 + 7^2 + 9^2 + 14^2 = 25 + 52 + 72 + 92 + 142 \\
 383 &:= 2^5 + 5^3 + 5^3 + 10^2 + 15^0 = 25 + 53 + 53 + 102 + 150 \\
 383 &:= 2^6 + 3^2 + 3^2 + 12^1 + 17^2 = 26 + 32 + 32 + 121 + 172 \\
 383 &:= 2^6 + 3^4 + 5^0 + 12^1 + 15^2 = 26 + 34 + 50 + 121 + 152 \\
 383 &:= 2^6 + 4^2 + 7^1 + 10^2 + 14^2 = 26 + 42 + 71 + 102 + 142 \\
 383 &:= 2^6 + 4^4 + 7^2 + 11^0 + 13^1 = 26 + 44 + 72 + 110 + 131 \\
 383 &:= 2^6 + 5^1 + 7^2 + 11^2 + 12^2 = 26 + 51 + 72 + 112 + 122 \\
 383 &:= 2^6 + 5^1 + 8^2 + 9^2 + 13^2 = 26 + 51 + 82 + 92 + 132 \\
 383 &:= 2^6 + 5^2 + 6^1 + 12^2 + 12^2 = 26 + 52 + 61 + 122 + 122 \\
 383 &:= 2^6 + 5^3 + 7^2 + 11^0 + 12^2 = 26 + 53 + 72 + 110 + 122 \\
 383 &:= 2^6 + 6^1 + 6^2 + 9^2 + 14^2 = 26 + 61 + 62 + 92 + 142 \\
 383 &:= 2^7 + 3^0 + 3^5 + 10^1 + 19^0 = 27 + 30 + 35 + 101 + 190 \\
 383 &:= 2^7 + 3^0 + 4^2 + 6^3 + 22^1 = 27 + 30 + 42 + 63 + 221 \\
 383 &:= 2^7 + 3^1 + 10^1 + 11^2 + 11^2 = 27 + 31 + 101 + 112 + 112 \\
 383 &:= 2^7 + 3^2 + 7^2 + 11^0 + 14^2 = 27 + 32 + 72 + 110 + 142 \\
 383 &:= 2^7 + 3^5 + 10^0 + 10^1 + 12^0 = 27 + 35 + 100 + 101 + 120 \\
 383 &:= 2^7 + 3^5 + 10^1 + 11^0 + 11^0 = 27 + 35 + 101 + 110 + 110 \\
 383 &:= 2^7 + 3^5 + 4^0 + 10^1 + 18^0 = 27 + 35 + 40 + 101 + 180 \\
 383 &:= 2^7 + 3^5 + 5^0 + 10^1 + 17^0 = 27 + 35 + 50 + 101 + 170 \\
 383 &:= 2^7 + 3^5 + 6^0 + 10^1 + 16^0 = 27 + 35 + 60 + 101 + 160 \\
 383 &:= 2^7 + 3^5 + 7^0 + 10^1 + 15^0 = 27 + 35 + 70 + 101 + 150 \\
 383 &:= 2^7 + 3^5 + 8^0 + 10^1 + 14^0 = 27 + 35 + 80 + 101 + 140 \\
 383 &:= 2^7 + 3^5 + 9^0 + 10^1 + 13^0 = 27 + 35 + 90 + 101 + 130 \\
 383 &:= 2^7 + 4^1 + 9^1 + 11^2 + 11^2 = 27 + 41 + 91 + 112 + 112
 \end{aligned}$$

$$\begin{aligned} 383 &:= 2^7 + 5^1 + 8^1 + 11^2 + 11^2 = 27 + 51 + 81 + 112 + 112 \\ 383 &:= 2^7 + 5^2 + 6^3 + 11^0 + 13^1 = 27 + 52 + 63 + 110 + 131 \\ 383 &:= 2^7 + 5^3 + 8^1 + 11^0 + 11^2 = 27 + 53 + 81 + 110 + 112 \\ 383 &:= 2^7 + 6^1 + 7^1 + 11^2 + 11^2 = 27 + 61 + 71 + 112 + 112 \\ 383 &:= 2^7 + 6^2 + 7^2 + 9^0 + 13^2 = 27 + 62 + 72 + 90 + 132 \\ 383 &:= 2^8 + 3^2 + 5^0 + 10^2 + 17^1 = 28 + 32 + 50 + 102 + 171 \end{aligned}$$

$$\begin{aligned} 383 &:= 2^8 + 4^2 + 10^1 + 10^2 + 11^0 = 28 + 42 + 101 + 102 + 110 \\ 383 &:= 2^8 + 6^2 + 9^1 + 9^2 + 11^0 = 28 + 62 + 91 + 92 + 110 \\ 383 &:= 2^8 + 7^0 + 7^2 + 8^2 + 13^1 = 28 + 70 + 72 + 82 + 131 \\ 383 &:= 3^2 + 3^4 + 3^5 + 7^2 + 21^0 = 32 + 34 + 35 + 72 + 210 \end{aligned}$$

2.2.285 Number 384

$$\begin{aligned} 384 &:= 1^0 + 1^7 + 4^4 + 5^3 + 26^0 = 10 + 17 + 44 + 53 + 260 \\ 384 &:= 1^0 + 1^9 + 5^3 + 14^0 + 16^2 = 10 + 19 + 53 + 140 + 162 \\ 384 &:= 1^1 + 1^6 + 4^4 + 5^3 + 26^0 = 11 + 16 + 44 + 53 + 260 \\ 384 &:= 1^1 + 1^8 + 5^3 + 14^0 + 16^2 = 11 + 18 + 53 + 140 + 162 \\ 384 &:= 1^1 + 2^7 + 3^5 + 11^1 + 20^0 = 11 + 27 + 35 + 111 + 200 \\ 384 &:= 1^2 + 1^5 + 4^4 + 5^3 + 26^0 = 12 + 15 + 44 + 53 + 260 \\ 384 &:= 1^2 + 1^7 + 5^3 + 14^0 + 16^2 = 12 + 17 + 53 + 140 + 162 \\ 384 &:= 1^3 + 1^4 + 4^4 + 5^3 + 26^0 = 13 + 14 + 44 + 53 + 260 \\ 384 &:= 1^3 + 1^6 + 5^3 + 14^0 + 16^2 = 13 + 16 + 53 + 140 + 162 \\ 384 &:= 1^3 + 2^0 + 2^8 + 5^3 + 27^0 = 13 + 20 + 28 + 53 + 270 \\ 384 &:= 1^3 + 2^8 + 3^0 + 5^3 + 26^0 = 13 + 28 + 30 + 53 + 260 \\ 384 &:= 1^3 + 2^8 + 4^0 + 5^3 + 25^0 = 13 + 28 + 40 + 53 + 250 \\ 384 &:= 1^3 + 2^8 + 5^0 + 5^3 + 24^0 = 13 + 28 + 50 + 53 + 240 \\ 384 &:= 1^3 + 2^8 + 5^1 + 11^2 + 18^0 = 13 + 28 + 51 + 112 + 180 \\ 384 &:= 1^3 + 2^8 + 5^3 + 10^0 + 19^0 = 13 + 28 + 53 + 100 + 190 \\ 384 &:= 1^3 + 2^8 + 5^3 + 11^0 + 18^0 = 13 + 28 + 53 + 110 + 180 \\ 384 &:= 1^3 + 2^8 + 5^3 + 12^0 + 17^0 = 13 + 28 + 53 + 120 + 170 \\ 384 &:= 1^3 + 2^8 + 5^3 + 13^0 + 16^0 = 13 + 28 + 53 + 130 + 160 \\ 384 &:= 1^3 + 2^8 + 5^3 + 14^0 + 15^0 = 13 + 28 + 53 + 140 + 150 \\ 384 &:= 1^3 + 2^8 + 5^3 + 6^0 + 23^0 = 13 + 28 + 53 + 60 + 230 \\ 384 &:= 1^3 + 2^8 + 5^3 + 7^0 + 22^0 = 13 + 28 + 53 + 70 + 220 \\ 384 &:= 1^3 + 2^8 + 5^3 + 8^0 + 21^0 = 13 + 28 + 53 + 80 + 210 \\ 384 &:= 1^3 + 2^8 + 5^3 + 9^0 + 20^0 = 13 + 28 + 53 + 90 + 200 \\ 384 &:= 1^4 + 1^5 + 5^3 + 14^0 + 16^2 = 14 + 15 + 53 + 140 + 162 \\ 384 &:= 1^4 + 1^9 + 2^8 + 5^3 + 27^0 = 14 + 19 + 28 + 53 + 270 \\ 384 &:= 1^4 + 2^5 + 5^3 + 14^0 + 15^2 = 14 + 25 + 53 + 140 + 152 \\ 384 &:= 1^5 + 1^8 + 2^8 + 5^3 + 27^0 = 15 + 18 + 28 + 53 + 270 \\ 384 &:= 1^5 + 2^5 + 7^1 + 7^3 + 20^0 = 15 + 25 + 71 + 73 + 200 \\ 384 &:= 1^5 + 3^5 + 5^3 + 14^0 + 14^1 = 15 + 35 + 53 + 140 + 141 \\ 384 &:= 1^6 + 1^7 + 2^8 + 5^3 + 27^0 = 16 + 17 + 28 + 53 + 270 \end{aligned}$$

$$\begin{aligned} 384 &:= 1^6 + 2^4 + 4^0 + 7^3 + 23^1 = 16 + 24 + 40 + 73 + 231 \\ 384 &:= 1^6 + 3^5 + 4^0 + 11^2 + 18^1 = 16 + 35 + 40 + 112 + 181 \\ 384 &:= 1^7 + 2^0 + 4^4 + 5^3 + 25^0 = 17 + 20 + 44 + 53 + 250 \\ 384 &:= 1^7 + 2^4 + 5^1 + 10^0 + 19^2 = 17 + 24 + 51 + 100 + 192 \\ 384 &:= 1^7 + 3^0 + 4^4 + 5^3 + 24^0 = 17 + 30 + 44 + 53 + 240 \\ 384 &:= 1^7 + 3^3 + 7^3 + 12^1 + 14^0 = 17 + 33 + 73 + 121 + 140 \\ 384 &:= 1^7 + 3^4 + 4^0 + 12^1 + 17^2 = 17 + 34 + 40 + 121 + 172 \\ 384 &:= 1^7 + 4^0 + 4^4 + 5^3 + 23^0 = 17 + 40 + 44 + 53 + 230 \\ 384 &:= 1^7 + 4^4 + 5^0 + 5^3 + 22^0 = 17 + 44 + 50 + 53 + 220 \\ 384 &:= 1^7 + 4^4 + 5^1 + 11^2 + 16^0 = 17 + 44 + 51 + 112 + 160 \\ 384 &:= 1^7 + 4^4 + 5^3 + 10^0 + 17^0 = 17 + 44 + 53 + 100 + 170 \\ 384 &:= 1^7 + 4^4 + 5^3 + 11^0 + 16^0 = 17 + 44 + 53 + 110 + 160 \\ 384 &:= 1^7 + 4^4 + 5^3 + 12^0 + 15^0 = 17 + 44 + 53 + 120 + 150 \\ 384 &:= 1^7 + 4^4 + 5^3 + 13^0 + 14^0 = 17 + 44 + 53 + 130 + 140 \\ 384 &:= 1^7 + 4^4 + 5^3 + 6^0 + 21^0 = 17 + 44 + 53 + 60 + 210 \\ 384 &:= 1^7 + 4^4 + 5^3 + 7^0 + 20^0 = 17 + 44 + 53 + 70 + 200 \\ 384 &:= 1^7 + 4^4 + 5^3 + 8^0 + 19^0 = 17 + 44 + 53 + 80 + 190 \\ 384 &:= 1^7 + 4^4 + 5^3 + 9^0 + 18^0 = 17 + 44 + 53 + 90 + 180 \\ 384 &:= 1^8 + 1^9 + 4^4 + 5^3 + 25^0 = 18 + 19 + 44 + 53 + 250 \\ 384 &:= 1^8 + 2^0 + 2^3 + 13^1 + 19^2 = 18 + 20 + 23 + 131 + 192 \\ 384 &:= 1^8 + 2^0 + 4^2 + 7^3 + 23^1 = 18 + 20 + 42 + 73 + 231 \\ 384 &:= 1^8 + 3^1 + 6^2 + 7^3 + 20^0 = 18 + 31 + 62 + 73 + 200 \\ 384 &:= 1^8 + 3^2 + 7^2 + 8^0 + 18^2 = 18 + 32 + 72 + 80 + 182 \\ 384 &:= 1^8 + 4^0 + 6^2 + 11^2 + 15^2 = 18 + 40 + 62 + 112 + 152 \\ 384 &:= 1^8 + 5^2 + 7^3 + 10^0 + 14^1 = 18 + 52 + 73 + 100 + 141 \\ 384 &:= 1^9 + 1^9 + 2^3 + 13^1 + 19^2 = 19 + 19 + 23 + 131 + 192 \\ 384 &:= 1^9 + 1^9 + 4^2 + 7^3 + 23^1 = 19 + 19 + 42 + 73 + 231 \\ 384 &:= 1^9 + 2^0 + 3^2 + 12^1 + 19^2 = 19 + 20 + 32 + 121 + 192 \\ 384 &:= 1^9 + 2^0 + 5^3 + 13^0 + 16^2 = 19 + 20 + 53 + 130 + 162 \\ 384 &:= 1^9 + 2^0 + 7^2 + 9^1 + 18^2 = 19 + 20 + 72 + 91 + 182 \end{aligned}$$

$$\begin{aligned}
 384 &:= 1^9 + 2^5 + 3^4 + 3^5 + 27^1 = 19 + 25 + 34 + 35 + 271 \\
 384 &:= 1^9 + 3^0 + 5^3 + 12^0 + 16^2 = 19 + 30 + 53 + 120 + 162 \\
 384 &:= 1^9 + 4^0 + 5^1 + 11^2 + 16^2 = 19 + 40 + 51 + 112 + 162 \\
 384 &:= 1^9 + 4^0 + 5^3 + 11^0 + 16^2 = 19 + 40 + 53 + 110 + 162 \\
 384 &:= 1^9 + 4^2 + 5^1 + 8^0 + 19^2 = 19 + 42 + 51 + 80 + 192 \\
 384 &:= 1^9 + 5^0 + 5^3 + 10^0 + 16^2 = 19 + 50 + 53 + 100 + 162 \\
 384 &:= 1^9 + 5^3 + 6^0 + 9^0 + 16^2 = 19 + 53 + 60 + 90 + 162 \\
 384 &:= 1^9 + 5^3 + 7^0 + 8^0 + 16^2 = 19 + 53 + 70 + 80 + 162 \\
 384 &:= 2^1 + 2^7 + 3^5 + 10^1 + 20^0 = 21 + 27 + 35 + 101 + 200 \\
 384 &:= 2^3 + 2^4 + 2^4 + 7^3 + 24^0 = 23 + 24 + 24 + 73 + 240 \\
 384 &:= 2^3 + 2^8 + 4^0 + 10^2 + 19^1 = 23 + 28 + 40 + 102 + 191 \\
 384 &:= 2^4 + 2^7 + 4^0 + 14^1 + 15^2 = 24 + 27 + 40 + 141 + 152 \\
 384 &:= 2^5 + 3^4 + 4^4 + 14^0 + 14^1 = 25 + 34 + 44 + 140 + 141 \\
 384 &:= 2^6 + 3^4 + 4^0 + 6^3 + 22^1 = 26 + 34 + 40 + 63 + 221
 \end{aligned}$$

$$\begin{aligned}
 384 &:= 2^6 + 3^5 + 8^2 + 12^0 + 12^1 = 26 + 35 + 82 + 120 + 121 \\
 384 &:= 2^7 + 3^1 + 3^5 + 9^1 + 20^0 = 27 + 31 + 35 + 91 + 200 \\
 384 &:= 2^7 + 3^2 + 5^3 + 11^2 + 16^0 = 27 + 32 + 53 + 112 + 160 \\
 384 &:= 2^7 + 3^3 + 6^3 + 12^1 + 14^0 = 27 + 33 + 63 + 121 + 140 \\
 384 &:= 2^7 + 3^4 + 5^1 + 13^2 + 14^0 = 27 + 34 + 51 + 132 + 140 \\
 384 &:= 2^7 + 3^5 + 4^1 + 8^1 + 20^0 = 27 + 35 + 41 + 81 + 200 \\
 384 &:= 2^7 + 3^5 + 5^1 + 7^1 + 20^0 = 27 + 35 + 51 + 71 + 200 \\
 384 &:= 2^7 + 3^5 + 6^1 + 6^1 + 20^0 = 27 + 35 + 61 + 61 + 200 \\
 384 &:= 2^7 + 5^1 + 5^3 + 5^3 + 20^0 = 27 + 51 + 53 + 53 + 200 \\
 384 &:= 2^7 + 5^3 + 7^2 + 9^2 + 14^0 = 27 + 53 + 72 + 92 + 140 \\
 384 &:= 2^8 + 3^3 + 4^0 + 9^2 + 19^1 = 28 + 33 + 40 + 92 + 191 \\
 384 &:= 2^8 + 4^3 + 7^2 + 10^0 + 14^1 = 28 + 43 + 72 + 100 + 141
 \end{aligned}$$

2.2.286 Number 385

$$\begin{aligned}
 385 &:= 2^7 + 2^8 + 33^0 = 27 + 28 + 330 \\
 385 &:= 1^9 + 2^3 + 15^1 + 19^2 = 19 + 23 + 151 + 192 \\
 385 &:= 1^9 + 4^2 + 7^3 + 25^1 = 19 + 42 + 73 + 251 \\
 385 &:= 2^0 + 3^2 + 14^1 + 19^2 = 20 + 32 + 141 + 192 \\
 385 &:= 2^0 + 7^2 + 11^1 + 18^2 = 20 + 72 + 111 + 182 \\
 385 &:= 2^5 + 3^4 + 3^5 + 29^1 = 25 + 34 + 35 + 291 \\
 385 &:= 4^0 + 7^1 + 11^2 + 16^2 = 40 + 71 + 112 + 162 \\
 385 &:= 4^2 + 7^1 + 8^0 + 19^2 = 42 + 71 + 80 + 192 \\
 385 &:= 1^0 + 1^9 + 2^3 + 14^1 + 19^2 = 10 + 19 + 23 + 141 + 192 \\
 385 &:= 1^0 + 1^9 + 4^2 + 7^3 + 24^1 = 10 + 19 + 42 + 73 + 241 \\
 385 &:= 1^0 + 2^0 + 3^2 + 13^1 + 19^2 = 10 + 20 + 32 + 131 + 192 \\
 385 &:= 1^0 + 2^0 + 7^2 + 10^1 + 18^2 = 10 + 20 + 72 + 101 + 182 \\
 385 &:= 1^0 + 4^0 + 6^1 + 11^2 + 16^2 = 10 + 40 + 61 + 112 + 162 \\
 385 &:= 1^0 + 4^2 + 6^1 + 8^0 + 19^2 = 10 + 42 + 61 + 80 + 192 \\
 385 &:= 1^1 + 1^8 + 2^3 + 14^1 + 19^2 = 11 + 18 + 23 + 141 + 192 \\
 385 &:= 1^1 + 1^8 + 4^2 + 7^3 + 24^1 = 11 + 18 + 42 + 73 + 241 \\
 385 &:= 1^1 + 1^9 + 3^2 + 13^1 + 19^2 = 11 + 19 + 32 + 131 + 192 \\
 385 &:= 1^1 + 1^9 + 7^2 + 10^1 + 18^2 = 11 + 19 + 72 + 101 + 182 \\
 385 &:= 1^2 + 1^7 + 2^3 + 14^1 + 19^2 = 12 + 17 + 23 + 141 + 192 \\
 385 &:= 1^2 + 1^7 + 4^2 + 7^3 + 24^1 = 12 + 17 + 42 + 73 + 241 \\
 385 &:= 1^2 + 1^8 + 3^2 + 13^1 + 19^2 = 12 + 18 + 32 + 131 + 192 \\
 385 &:= 1^2 + 1^8 + 7^2 + 10^1 + 18^2 = 12 + 18 + 72 + 101 + 182
 \end{aligned}$$

$$\begin{aligned}
 385 &:= 1^2 + 2^4 + 2^6 + 15^1 + 17^2 = 12 + 24 + 26 + 151 + 172 \\
 385 &:= 1^2 + 2^7 + 3^5 + 12^1 + 19^0 = 12 + 27 + 35 + 121 + 190 \\
 385 &:= 1^2 + 2^7 + 4^2 + 6^3 + 24^1 = 12 + 27 + 42 + 63 + 241 \\
 385 &:= 1^2 + 2^8 + 3^3 + 10^2 + 21^0 = 12 + 28 + 33 + 102 + 210 \\
 385 &:= 1^3 + 1^6 + 2^3 + 14^1 + 19^2 = 13 + 16 + 23 + 141 + 192 \\
 385 &:= 1^3 + 1^6 + 4^2 + 7^3 + 24^1 = 13 + 16 + 42 + 73 + 241 \\
 385 &:= 1^3 + 1^7 + 3^2 + 13^1 + 19^2 = 13 + 17 + 32 + 131 + 192 \\
 385 &:= 1^3 + 1^7 + 7^2 + 10^1 + 18^2 = 13 + 17 + 72 + 101 + 182 \\
 385 &:= 1^3 + 2^1 + 2^8 + 5^3 + 27^0 = 13 + 21 + 28 + 53 + 270 \\
 385 &:= 1^3 + 2^5 + 3^4 + 15^1 + 16^2 = 13 + 25 + 34 + 151 + 162 \\
 385 &:= 1^3 + 2^7 + 10^2 + 12^1 + 12^2 = 13 + 27 + 102 + 121 + 122 \\
 385 &:= 1^3 + 2^7 + 4^2 + 15^1 + 15^2 = 13 + 27 + 42 + 151 + 152 \\
 385 &:= 1^3 + 3^4 + 3^5 + 6^2 + 24^1 = 13 + 34 + 35 + 62 + 241 \\
 385 &:= 1^4 + 1^5 + 2^3 + 14^1 + 19^2 = 14 + 15 + 23 + 141 + 192 \\
 385 &:= 1^4 + 1^5 + 4^2 + 7^3 + 24^1 = 14 + 15 + 42 + 73 + 241 \\
 385 &:= 1^4 + 1^6 + 3^2 + 13^1 + 19^2 = 14 + 16 + 32 + 131 + 192 \\
 385 &:= 1^4 + 1^6 + 7^2 + 10^1 + 18^2 = 14 + 16 + 72 + 101 + 182 \\
 385 &:= 1^4 + 2^3 + 2^5 + 7^3 + 25^0 = 14 + 23 + 25 + 73 + 250 \\
 385 &:= 1^4 + 2^8 + 6^1 + 11^2 + 17^0 = 14 + 28 + 61 + 112 + 170 \\
 385 &:= 1^4 + 3^4 + 4^3 + 6^3 + 23^1 = 14 + 34 + 43 + 63 + 231 \\
 385 &:= 1^5 + 1^5 + 3^2 + 13^1 + 19^2 = 15 + 15 + 32 + 131 + 192 \\
 385 &:= 1^5 + 1^5 + 7^2 + 10^1 + 18^2 = 15 + 15 + 72 + 101 + 182
 \end{aligned}$$

$$\begin{aligned}
 385 &:= 1^5 + 2^3 + 2^3 + 7^3 + 25^1 = 15 + 23 + 23 + 73 + 251 \\
 385 &:= 1^5 + 2^3 + 4^4 + 10^2 + 20^1 = 15 + 23 + 44 + 102 + 201 \\
 385 &:= 1^5 + 2^5 + 3^3 + 13^0 + 18^2 = 15 + 25 + 33 + 130 + 182 \\
 385 &:= 1^5 + 2^5 + 4^2 + 12^1 + 18^2 = 15 + 25 + 42 + 121 + 182 \\
 385 &:= 1^5 + 3^3 + 4^4 + 9^2 + 20^1 = 15 + 33 + 44 + 92 + 201 \\
 385 &:= 1^5 + 3^4 + 4^3 + 14^1 + 15^2 = 15 + 34 + 43 + 141 + 152 \\
 385 &:= 1^6 + 2^3 + 3^2 + 7^3 + 24^1 = 16 + 23 + 32 + 73 + 241 \\
 385 &:= 1^6 + 2^3 + 6^3 + 12^2 + 16^1 = 16 + 23 + 63 + 122 + 161 \\
 385 &:= 1^6 + 2^5 + 7^3 + 8^1 + 19^0 = 16 + 25 + 73 + 81 + 190 \\
 385 &:= 1^6 + 3^2 + 4^4 + 10^2 + 19^1 = 16 + 32 + 44 + 102 + 191 \\
 385 &:= 1^6 + 3^3 + 4^4 + 10^2 + 19^0 = 16 + 33 + 44 + 102 + 190 \\
 385 &:= 1^6 + 3^4 + 6^2 + 11^1 + 16^2 = 16 + 34 + 62 + 111 + 162 \\
 385 &:= 1^6 + 3^5 + 5^3 + 13^0 + 15^1 = 16 + 35 + 53 + 130 + 151 \\
 385 &:= 1^7 + 2^1 + 4^4 + 5^3 + 25^0 = 17 + 21 + 44 + 53 + 250 \\
 385 &:= 1^7 + 2^3 + 7^1 + 12^2 + 15^2 = 17 + 23 + 71 + 122 + 152 \\
 385 &:= 1^7 + 2^4 + 3^0 + 7^3 + 24^1 = 17 + 24 + 30 + 73 + 241 \\
 385 &:= 1^7 + 3^0 + 3^5 + 11^2 + 19^1 = 17 + 30 + 35 + 112 + 191 \\
 385 &:= 1^7 + 3^2 + 3^2 + 7^3 + 23^1 = 17 + 32 + 32 + 73 + 231 \\
 385 &:= 1^7 + 3^2 + 6^3 + 12^2 + 15^1 = 17 + 32 + 63 + 122 + 151 \\
 385 &:= 1^7 + 4^3 + 7^1 + 12^2 + 13^2 = 17 + 43 + 71 + 122 + 132 \\
 385 &:= 1^7 + 5^3 + 9^1 + 9^2 + 13^2 = 17 + 53 + 91 + 92 + 132 \\
 385 &:= 1^8 + 2^1 + 2^3 + 13^1 + 19^2 = 18 + 21 + 23 + 131 + 192 \\
 385 &:= 1^8 + 2^1 + 4^2 + 7^3 + 23^1 = 18 + 21 + 42 + 73 + 231 \\
 385 &:= 1^8 + 2^2 + 6^2 + 7^3 + 21^0 = 18 + 22 + 62 + 73 + 210 \\
 385 &:= 1^8 + 2^3 + 3^1 + 12^1 + 19^2 = 18 + 23 + 31 + 121 + 192 \\
 385 &:= 1^8 + 2^3 + 4^1 + 11^1 + 19^2 = 18 + 23 + 41 + 111 + 192 \\
 385 &:= 1^8 + 2^3 + 5^1 + 10^1 + 19^2 = 18 + 23 + 51 + 101 + 192 \\
 385 &:= 1^8 + 2^3 + 6^1 + 9^1 + 19^2 = 18 + 23 + 61 + 91 + 192 \\
 385 &:= 1^8 + 2^3 + 7^1 + 8^1 + 19^2 = 18 + 23 + 71 + 81 + 192 \\
 385 &:= 1^8 + 2^4 + 6^1 + 9^0 + 19^2 = 18 + 24 + 61 + 90 + 192 \\
 385 &:= 1^8 + 3^0 + 3^4 + 13^1 + 17^2 = 18 + 30 + 34 + 131 + 172 \\
 385 &:= 1^8 + 3^1 + 4^2 + 7^3 + 22^1 = 18 + 31 + 42 + 73 + 221 \\
 385 &:= 1^8 + 3^1 + 8^2 + 11^2 + 14^2 = 18 + 31 + 82 + 112 + 142 \\
 385 &:= 1^8 + 3^2 + 6^1 + 12^2 + 15^2 = 18 + 32 + 61 + 122 + 152 \\
 385 &:= 1^8 + 3^3 + 7^0 + 10^2 + 16^2 = 18 + 33 + 70 + 102 + 162 \\
 385 &:= 1^8 + 3^3 + 7^3 + 13^0 + 13^1 = 18 + 33 + 73 + 130 + 131 \\
 385 &:= 1^8 + 4^1 + 4^2 + 7^3 + 21^1 = 18 + 41 + 42 + 73 + 211 \\
 385 &:= 1^8 + 4^2 + 5^1 + 7^3 + 20^1 = 18 + 42 + 51 + 73 + 201
 \end{aligned}$$

$$\begin{aligned}
 385 &:= 1^8 + 4^2 + 6^1 + 7^3 + 19^1 = 18 + 42 + 61 + 73 + 191 \\
 385 &:= 1^8 + 4^2 + 6^2 + 8^1 + 18^2 = 18 + 42 + 62 + 81 + 182 \\
 385 &:= 1^8 + 4^2 + 7^1 + 7^3 + 18^1 = 18 + 42 + 71 + 73 + 181 \\
 385 &:= 1^8 + 4^2 + 7^3 + 10^1 + 15^1 = 18 + 42 + 73 + 101 + 151 \\
 385 &:= 1^8 + 4^2 + 7^3 + 11^1 + 14^1 = 18 + 42 + 73 + 111 + 141 \\
 385 &:= 1^8 + 4^2 + 7^3 + 12^1 + 13^1 = 18 + 42 + 73 + 121 + 131 \\
 385 &:= 1^8 + 4^2 + 7^3 + 8^1 + 17^1 = 18 + 42 + 73 + 81 + 171 \\
 385 &:= 1^8 + 4^2 + 7^3 + 9^1 + 16^1 = 18 + 42 + 73 + 91 + 161 \\
 385 &:= 1^8 + 4^4 + 6^1 + 11^2 + 15^0 = 18 + 44 + 61 + 112 + 150 \\
 385 &:= 1^8 + 5^2 + 6^1 + 8^2 + 17^2 = 18 + 52 + 61 + 82 + 172 \\
 385 &:= 1^9 + 2^1 + 3^2 + 12^1 + 19^2 = 19 + 21 + 32 + 121 + 192 \\
 385 &:= 1^9 + 2^1 + 5^3 + 13^0 + 16^2 = 19 + 21 + 53 + 130 + 162 \\
 385 &:= 1^9 + 2^1 + 7^2 + 9^1 + 18^2 = 19 + 21 + 72 + 91 + 182 \\
 385 &:= 1^9 + 3^1 + 3^2 + 11^1 + 19^2 = 19 + 31 + 32 + 111 + 192 \\
 385 &:= 1^9 + 3^1 + 7^2 + 8^1 + 18^2 = 19 + 31 + 72 + 81 + 182 \\
 385 &:= 1^9 + 3^2 + 4^1 + 10^1 + 19^2 = 19 + 32 + 41 + 101 + 192 \\
 385 &:= 1^9 + 3^2 + 5^1 + 9^1 + 19^2 = 19 + 32 + 51 + 91 + 192 \\
 385 &:= 1^9 + 3^2 + 6^1 + 8^1 + 19^2 = 19 + 32 + 61 + 81 + 192 \\
 385 &:= 1^9 + 3^2 + 7^1 + 7^1 + 19^2 = 19 + 32 + 71 + 71 + 192 \\
 385 &:= 1^9 + 4^1 + 6^2 + 7^3 + 19^0 = 19 + 41 + 62 + 73 + 190 \\
 385 &:= 1^9 + 4^1 + 7^1 + 7^2 + 18^2 = 19 + 41 + 71 + 72 + 182 \\
 385 &:= 1^9 + 5^1 + 6^1 + 7^2 + 18^2 = 19 + 51 + 61 + 72 + 182 \\
 385 &:= 1^9 + 5^2 + 7^3 + 9^0 + 15^1 = 19 + 52 + 73 + 90 + 151 \\
 385 &:= 2^0 + 3^0 + 6^1 + 11^2 + 16^2 = 20 + 30 + 61 + 112 + 162 \\
 385 &:= 2^0 + 4^2 + 6^1 + 7^0 + 19^2 = 20 + 42 + 61 + 70 + 192 \\
 385 &:= 2^2 + 2^2 + 2^8 + 10^2 + 21^1 = 22 + 22 + 28 + 102 + 211 \\
 385 &:= 2^2 + 2^7 + 3^5 + 9^1 + 21^0 = 22 + 27 + 35 + 91 + 210 \\
 385 &:= 2^2 + 2^8 + 5^2 + 9^2 + 19^1 = 22 + 28 + 52 + 92 + 191 \\
 385 &:= 2^3 + 2^7 + 3^2 + 15^1 + 15^2 = 23 + 27 + 32 + 151 + 152 \\
 385 &:= 2^4 + 2^4 + 2^4 + 13^1 + 18^2 = 24 + 24 + 24 + 131 + 182 \\
 385 &:= 2^4 + 2^6 + 9^1 + 10^2 + 14^2 = 24 + 26 + 91 + 102 + 142 \\
 385 &:= 2^4 + 2^7 + 3^0 + 6^3 + 24^1 = 24 + 27 + 30 + 63 + 241 \\
 385 &:= 2^4 + 2^8 + 10^2 + 11^0 + 12^1 = 24 + 28 + 102 + 110 + 121 \\
 385 &:= 2^5 + 2^5 + 4^3 + 13^0 + 16^2 = 25 + 25 + 43 + 130 + 162 \\
 385 &:= 2^5 + 2^5 + 8^1 + 12^2 + 13^2 = 25 + 25 + 81 + 122 + 132 \\
 385 &:= 2^5 + 2^6 + 9^0 + 12^2 + 12^2 = 25 + 26 + 90 + 122 + 122 \\
 385 &:= 2^5 + 3^2 + 3^5 + 9^2 + 20^1 = 25 + 32 + 35 + 92 + 201 \\
 385 &:= 2^5 + 3^2 + 4^3 + 4^4 + 24^1 = 25 + 32 + 43 + 44 + 241
 \end{aligned}$$

$$\begin{aligned}
 385 &:= 2^5 + 3^3 + 4^4 + 7^2 + 21^1 = 25 + 33 + 44 + 72 + 211 \\
 385 &:= 2^5 + 3^4 + 6^2 + 6^3 + 20^1 = 25 + 34 + 62 + 63 + 201 \\
 385 &:= 2^6 + 3^5 + 4^3 + 13^1 + 15^0 = 26 + 35 + 43 + 131 + 150 \\
 385 &:= 2^7 + 3^2 + 3^2 + 6^3 + 23^1 = 27 + 32 + 32 + 63 + 231 \\
 385 &:= 2^7 + 3^2 + 3^5 + 4^1 + 25^0 = 27 + 32 + 35 + 41 + 250 \\
 385 &:= 2^7 + 3^2 + 4^3 + 13^2 + 15^1 = 27 + 32 + 43 + 132 + 151 \\
 385 &:= 2^7 + 3^3 + 7^2 + 12^1 + 13^2 = 27 + 33 + 72 + 121 + 132 \\
 385 &:= 2^7 + 4^2 + 5^3 + 10^2 + 16^1 = 27 + 42 + 53 + 102 + 161 \\
 385 &:= 2^7 + 4^3 + 6^2 + 12^2 + 13^1 = 27 + 43 + 62 + 122 + 131
 \end{aligned}$$

$$\begin{aligned}
 385 &:= 2^7 + 4^3 + 9^2 + 10^2 + 12^1 = 27 + 43 + 92 + 102 + 121 \\
 385 &:= 2^7 + 5^3 + 6^2 + 9^2 + 15^1 = 27 + 53 + 62 + 92 + 151 \\
 385 &:= 2^8 + 3^4 + 5^0 + 5^2 + 22^1 = 28 + 34 + 50 + 52 + 221 \\
 385 &:= 2^8 + 3^4 + 6^2 + 11^1 + 15^0 = 28 + 34 + 62 + 111 + 150 \\
 385 &:= 3^0 + 4^2 + 6^0 + 6^1 + 19^2 = 30 + 42 + 60 + 61 + 192 \\
 385 &:= 3^2 + 3^3 + 3^4 + 3^5 + 25^1 = 32 + 33 + 34 + 35 + 251 \\
 385 &:= 3^3 + 3^3 + 3^5 + 4^3 + 24^1 = 33 + 33 + 35 + 43 + 241 \\
 385 &:= 4^0 + 4^2 + 5^0 + 6^1 + 19^2 = 40 + 42 + 50 + 61 + 192
 \end{aligned}$$

2.2.287 Number 386

$$\begin{aligned}
 386 &:= 2^3 + 17^1 + 19^2 = 23 + 171 + 192 \\
 386 &:= 4^2 + 7^3 + 27^1 = 42 + 73 + 271 \\
 386 &:= 1^0 + 2^3 + 16^1 + 19^2 = 10 + 23 + 161 + 192 \\
 386 &:= 1^0 + 4^2 + 7^3 + 26^1 = 10 + 42 + 73 + 261 \\
 386 &:= 1^1 + 2^7 + 2^8 + 32^0 = 11 + 27 + 28 + 320 \\
 386 &:= 1^1 + 3^2 + 15^1 + 19^2 = 11 + 32 + 151 + 192 \\
 386 &:= 1^1 + 7^2 + 12^1 + 18^2 = 11 + 72 + 121 + 182 \\
 386 &:= 1^5 + 2^7 + 4^4 + 30^0 = 15 + 27 + 44 + 300 \\
 386 &:= 1^7 + 2^7 + 16^2 + 18^0 = 17 + 27 + 162 + 180 \\
 386 &:= 2^1 + 3^2 + 14^1 + 19^2 = 21 + 32 + 141 + 192 \\
 386 &:= 2^1 + 7^2 + 11^1 + 18^2 = 21 + 72 + 111 + 182 \\
 386 &:= 3^1 + 3^2 + 13^1 + 19^2 = 31 + 32 + 131 + 192 \\
 386 &:= 3^1 + 7^2 + 10^1 + 18^2 = 31 + 72 + 101 + 182 \\
 386 &:= 3^2 + 4^1 + 12^1 + 19^2 = 32 + 41 + 121 + 192 \\
 386 &:= 3^2 + 5^1 + 11^1 + 19^2 = 32 + 51 + 111 + 192 \\
 386 &:= 3^2 + 6^1 + 10^1 + 19^2 = 32 + 61 + 101 + 192 \\
 386 &:= 3^2 + 7^1 + 9^1 + 19^2 = 32 + 71 + 91 + 192 \\
 386 &:= 3^2 + 8^1 + 8^1 + 19^2 = 32 + 81 + 81 + 192 \\
 386 &:= 4^1 + 5^3 + 13^0 + 16^2 = 41 + 53 + 130 + 162 \\
 386 &:= 4^1 + 7^2 + 9^1 + 18^2 = 41 + 72 + 91 + 182 \\
 386 &:= 4^2 + 7^0 + 12^2 + 15^2 = 42 + 70 + 122 + 152 \\
 386 &:= 5^1 + 7^2 + 8^1 + 18^2 = 51 + 72 + 81 + 182 \\
 386 &:= 5^2 + 6^2 + 9^0 + 18^2 = 52 + 62 + 90 + 182 \\
 386 &:= 5^2 + 7^3 + 9^0 + 17^1 = 52 + 73 + 90 + 171 \\
 386 &:= 6^1 + 6^2 + 7^3 + 19^0 = 61 + 62 + 73 + 190 \\
 386 &:= 6^1 + 7^1 + 7^2 + 18^2 = 61 + 71 + 72 + 182
 \end{aligned}$$

$$\begin{aligned}
 386 &:= 1^0 + 1^0 + 2^3 + 15^1 + 19^2 = 10 + 10 + 23 + 151 + 192 \\
 386 &:= 1^0 + 1^0 + 4^2 + 7^3 + 25^1 = 10 + 10 + 42 + 73 + 251 \\
 386 &:= 1^0 + 1^1 + 3^2 + 14^1 + 19^2 = 10 + 11 + 32 + 141 + 192 \\
 386 &:= 1^0 + 1^1 + 7^2 + 11^1 + 18^2 = 10 + 11 + 72 + 111 + 182 \\
 386 &:= 1^0 + 2^1 + 3^2 + 13^1 + 19^2 = 10 + 21 + 32 + 131 + 192 \\
 386 &:= 1^0 + 2^1 + 7^2 + 10^1 + 18^2 = 10 + 21 + 72 + 101 + 182 \\
 386 &:= 1^0 + 2^6 + 2^8 + 8^2 + 24^0 = 10 + 26 + 28 + 82 + 240 \\
 386 &:= 1^0 + 3^1 + 3^2 + 12^1 + 19^2 = 10 + 31 + 32 + 121 + 192 \\
 386 &:= 1^0 + 3^1 + 5^3 + 13^0 + 16^2 = 10 + 31 + 53 + 130 + 162 \\
 386 &:= 1^0 + 3^1 + 7^2 + 9^1 + 18^2 = 10 + 31 + 72 + 91 + 182 \\
 386 &:= 1^0 + 3^2 + 4^1 + 11^1 + 19^2 = 10 + 32 + 41 + 111 + 192 \\
 386 &:= 1^0 + 3^2 + 5^1 + 10^1 + 19^2 = 10 + 32 + 51 + 101 + 192 \\
 386 &:= 1^0 + 3^2 + 6^1 + 9^1 + 19^2 = 10 + 32 + 61 + 91 + 192 \\
 386 &:= 1^0 + 3^2 + 7^1 + 8^1 + 19^2 = 10 + 32 + 71 + 81 + 192 \\
 386 &:= 1^0 + 4^1 + 7^2 + 8^1 + 18^2 = 10 + 41 + 72 + 81 + 182 \\
 386 &:= 1^0 + 5^0 + 8^2 + 8^2 + 16^2 = 10 + 50 + 82 + 82 + 162 \\
 386 &:= 1^0 + 5^1 + 6^2 + 7^3 + 19^0 = 10 + 51 + 62 + 73 + 190 \\
 386 &:= 1^0 + 5^1 + 7^1 + 7^2 + 18^2 = 10 + 51 + 71 + 72 + 182 \\
 386 &:= 1^0 + 5^2 + 7^3 + 9^0 + 16^1 = 10 + 52 + 73 + 90 + 161 \\
 386 &:= 1^0 + 6^1 + 6^1 + 7^2 + 18^2 = 10 + 61 + 61 + 72 + 182 \\
 386 &:= 1^1 + 3^0 + 7^1 + 11^2 + 16^2 = 11 + 30 + 71 + 112 + 162 \\
 386 &:= 1^1 + 4^2 + 7^0 + 7^1 + 19^2 = 11 + 42 + 70 + 71 + 192 \\
 386 &:= 1^2 + 2^6 + 2^6 + 16^0 + 16^2 = 12 + 26 + 26 + 160 + 162 \\
 386 &:= 1^2 + 2^8 + 4^3 + 4^3 + 26^0 = 12 + 28 + 43 + 43 + 260 \\
 386 &:= 1^3 + 2^6 + 4^3 + 4^4 + 26^0 = 13 + 26 + 43 + 44 + 260 \\
 386 &:= 1^3 + 2^7 + 3^5 + 13^1 + 18^0 = 13 + 27 + 35 + 131 + 180
 \end{aligned}$$

$$\begin{aligned} 386 &:= 1^3 + 2^8 + 4^3 + 8^2 + 22^0 = 13 + 28 + 43 + 82 + 220 \\ 386 &:= 1^4 + 2^4 + 3^5 + 5^3 + 26^0 = 14 + 24 + 35 + 53 + 260 \\ 386 &:= 1^4 + 2^6 + 4^4 + 8^2 + 22^0 = 14 + 26 + 44 + 82 + 220 \\ 386 &:= 1^4 + 2^8 + 3^1 + 5^3 + 26^0 = 14 + 28 + 31 + 53 + 260 \\ 386 &:= 1^4 + 2^8 + 8^2 + 8^2 + 18^0 = 14 + 28 + 82 + 82 + 180 \\ 386 &:= 1^5 + 2^6 + 4^3 + 14^0 + 16^2 = 15 + 26 + 43 + 140 + 162 \\ 386 &:= 1^5 + 2^8 + 7^1 + 11^2 + 16^0 = 15 + 28 + 71 + 112 + 160 \\ 386 &:= 1^6 + 2^5 + 3^2 + 7^3 + 24^0 = 16 + 25 + 32 + 73 + 240 \\ 386 &:= 1^6 + 2^6 + 8^2 + 10^0 + 16^2 = 16 + 26 + 82 + 100 + 162 \\ 386 &:= 1^6 + 3^5 + 4^2 + 5^3 + 24^0 = 16 + 35 + 42 + 53 + 240 \\ 386 &:= 1^6 + 4^3 + 4^3 + 4^4 + 24^0 = 16 + 43 + 43 + 44 + 240 \\ 386 &:= 1^7 + 2^4 + 5^2 + 7^3 + 22^0 = 17 + 24 + 52 + 73 + 220 \\ 386 &:= 1^7 + 2^5 + 7^3 + 9^1 + 18^0 = 17 + 25 + 73 + 91 + 180 \\ 386 &:= 1^7 + 3^5 + 5^3 + 12^0 + 16^1 = 17 + 35 + 53 + 120 + 161 \\ 386 &:= 1^7 + 4^3 + 4^4 + 8^2 + 20^0 = 17 + 43 + 44 + 82 + 200 \\ 386 &:= 1^8 + 2^0 + 2^4 + 7^3 + 25^1 = 18 + 20 + 24 + 73 + 251 \\ 386 &:= 1^8 + 2^0 + 3^5 + 11^2 + 20^1 = 18 + 20 + 35 + 112 + 201 \\ 386 &:= 1^8 + 3^1 + 4^4 + 5^3 + 24^0 = 18 + 31 + 44 + 53 + 240 \\ 386 &:= 1^8 + 4^3 + 4^3 + 12^0 + 16^2 = 18 + 43 + 43 + 120 + 162 \\ 386 &:= 1^8 + 4^4 + 8^2 + 8^2 + 16^0 = 18 + 44 + 82 + 82 + 160 \\ 386 &:= 1^9 + 1^9 + 2^4 + 7^3 + 25^1 = 19 + 19 + 24 + 73 + 251 \\ 386 &:= 1^9 + 1^9 + 3^5 + 11^2 + 20^1 = 19 + 19 + 35 + 112 + 201 \\ 386 &:= 1^9 + 2^0 + 3^4 + 14^1 + 17^2 = 19 + 20 + 34 + 141 + 172 \\ 386 &:= 1^9 + 2^4 + 7^1 + 8^0 + 19^2 = 19 + 24 + 71 + 80 + 192 \\ 386 &:= 1^9 + 2^6 + 2^8 + 4^3 + 27^0 = 19 + 26 + 28 + 43 + 270 \\ 386 &:= 1^9 + 3^3 + 7^3 + 12^0 + 14^1 = 19 + 33 + 73 + 120 + 141 \\ 386 &:= 1^9 + 4^2 + 5^2 + 7^3 + 20^0 = 19 + 42 + 52 + 73 + 200 \\ 386 &:= 1^9 + 4^3 + 8^0 + 8^2 + 16^2 = 19 + 43 + 80 + 82 + 162 \\ 386 &:= 1^9 + 4^4 + 7^1 + 11^2 + 14^0 = 19 + 44 + 71 + 112 + 140 \\ 386 &:= 2^0 + 2^6 + 2^6 + 4^4 + 27^0 = 20 + 26 + 26 + 44 + 270 \\ 386 &:= 2^0 + 2^6 + 2^8 + 8^2 + 23^0 = 20 + 26 + 28 + 82 + 230 \\ 386 &:= 2^0 + 3^1 + 5^3 + 12^0 + 16^2 = 20 + 31 + 53 + 120 + 162 \\ 386 &:= 2^0 + 4^0 + 8^2 + 8^2 + 16^2 = 20 + 40 + 82 + 82 + 162 \\ 386 &:= 2^0 + 5^1 + 6^2 + 7^3 + 18^0 = 20 + 51 + 62 + 73 + 180 \\ 386 &:= 2^0 + 5^2 + 7^3 + 8^0 + 16^1 = 20 + 52 + 73 + 80 + 161 \\ 386 &:= 2^1 + 3^0 + 6^1 + 11^2 + 16^2 = 21 + 30 + 61 + 112 + 162 \\ 386 &:= 2^1 + 4^2 + 6^1 + 7^0 + 19^2 = 21 + 42 + 61 + 70 + 192 \\ 386 &:= 2^3 + 2^7 + 3^5 + 6^1 + 24^0 = 23 + 27 + 35 + 61 + 240 \end{aligned}$$

$$\begin{aligned} 386 &:= 2^4 + 2^4 + 2^6 + 14^0 + 17^2 = 24 + 24 + 26 + 140 + 172 \\ 386 &:= 2^4 + 2^6 + 4^4 + 7^2 + 22^0 = 24 + 26 + 44 + 72 + 220 \\ 386 &:= 2^4 + 2^7 + 5^2 + 6^3 + 22^0 = 24 + 27 + 52 + 63 + 220 \\ 386 &:= 2^4 + 2^8 + 7^2 + 8^2 + 18^0 = 24 + 28 + 72 + 82 + 180 \\ 386 &:= 2^5 + 2^6 + 4^3 + 14^0 + 15^2 = 25 + 26 + 43 + 140 + 152 \\ 386 &:= 2^5 + 2^7 + 6^3 + 9^1 + 18^0 = 25 + 27 + 63 + 91 + 180 \\ 386 &:= 2^5 + 2^7 + 9^2 + 12^0 + 12^2 = 25 + 27 + 92 + 120 + 122 \\ 386 &:= 2^5 + 2^8 + 8^0 + 9^2 + 16^1 = 25 + 28 + 80 + 92 + 161 \\ 386 &:= 2^6 + 2^6 + 3^0 + 4^4 + 26^0 = 26 + 26 + 30 + 44 + 260 \\ 386 &:= 2^6 + 2^6 + 4^0 + 4^4 + 25^0 = 26 + 26 + 40 + 44 + 250 \\ 386 &:= 2^6 + 2^6 + 4^4 + 10^0 + 19^0 = 26 + 26 + 44 + 100 + 190 \\ 386 &:= 2^6 + 2^6 + 4^4 + 11^0 + 18^0 = 26 + 26 + 44 + 110 + 180 \\ 386 &:= 2^6 + 2^6 + 4^4 + 12^0 + 17^0 = 26 + 26 + 44 + 120 + 170 \\ 386 &:= 2^6 + 2^6 + 4^4 + 13^0 + 16^0 = 26 + 26 + 44 + 130 + 160 \\ 386 &:= 2^6 + 2^6 + 4^4 + 14^0 + 15^0 = 26 + 26 + 44 + 140 + 150 \\ 386 &:= 2^6 + 2^6 + 4^4 + 5^0 + 24^0 = 26 + 26 + 44 + 50 + 240 \\ 386 &:= 2^6 + 2^6 + 4^4 + 6^0 + 23^0 = 26 + 26 + 44 + 60 + 230 \\ 386 &:= 2^6 + 2^6 + 4^4 + 7^0 + 22^0 = 26 + 26 + 44 + 70 + 220 \\ 386 &:= 2^6 + 2^6 + 4^4 + 8^0 + 21^0 = 26 + 26 + 44 + 80 + 210 \\ 386 &:= 2^6 + 2^6 + 4^4 + 9^0 + 20^0 = 26 + 26 + 44 + 90 + 200 \\ 386 &:= 2^6 + 2^8 + 3^0 + 8^2 + 22^0 = 26 + 28 + 30 + 82 + 220 \\ 386 &:= 2^6 + 2^8 + 4^0 + 8^2 + 21^0 = 26 + 28 + 40 + 82 + 210 \\ 386 &:= 2^6 + 2^8 + 5^0 + 8^2 + 20^0 = 26 + 28 + 50 + 82 + 200 \\ 386 &:= 2^6 + 2^8 + 6^0 + 8^2 + 19^0 = 26 + 28 + 60 + 82 + 190 \\ 386 &:= 2^6 + 2^8 + 7^0 + 8^2 + 18^0 = 26 + 28 + 70 + 82 + 180 \\ 386 &:= 2^6 + 2^8 + 8^0 + 8^2 + 17^0 = 26 + 28 + 80 + 82 + 170 \\ 386 &:= 2^6 + 2^8 + 8^2 + 10^0 + 15^0 = 26 + 28 + 82 + 100 + 150 \\ 386 &:= 2^6 + 2^8 + 8^2 + 11^0 + 14^0 = 26 + 28 + 82 + 110 + 140 \\ 386 &:= 2^6 + 2^8 + 8^2 + 12^0 + 13^0 = 26 + 28 + 82 + 120 + 130 \\ 386 &:= 2^6 + 2^8 + 8^2 + 9^0 + 16^0 = 26 + 28 + 82 + 90 + 160 \\ 386 &:= 2^8 + 3^3 + 3^4 + 8^0 + 21^1 = 28 + 33 + 34 + 80 + 211 \\ 386 &:= 3^0 + 3^0 + 8^2 + 8^2 + 16^2 = 30 + 30 + 82 + 82 + 162 \\ 386 &:= 3^0 + 3^1 + 5^1 + 11^2 + 16^2 = 30 + 31 + 51 + 112 + 162 \\ 386 &:= 3^0 + 3^1 + 5^3 + 11^0 + 16^2 = 30 + 31 + 53 + 110 + 162 \\ 386 &:= 3^0 + 4^1 + 4^1 + 11^2 + 16^2 = 30 + 41 + 41 + 112 + 162 \\ 386 &:= 3^0 + 5^1 + 6^2 + 7^3 + 17^0 = 30 + 51 + 62 + 73 + 170 \\ 386 &:= 3^0 + 5^2 + 7^0 + 7^3 + 16^1 = 30 + 52 + 70 + 73 + 161 \\ 386 &:= 3^1 + 4^0 + 5^3 + 10^0 + 16^2 = 31 + 40 + 53 + 100 + 162 \end{aligned}$$

$$\begin{aligned}
 386 &:= 3^1 + 4^2 + 5^1 + 7^0 + 19^2 = 31 + 42 + 51 + 70 + 192 \\
 386 &:= 3^1 + 5^0 + 5^3 + 9^0 + 16^2 = 31 + 50 + 53 + 90 + 162 \\
 386 &:= 3^1 + 5^3 + 6^0 + 8^0 + 16^2 = 31 + 53 + 60 + 80 + 162 \\
 386 &:= 3^1 + 5^3 + 7^0 + 7^0 + 16^2 = 31 + 53 + 70 + 70 + 162 \\
 386 &:= 4^0 + 5^1 + 6^2 + 7^3 + 16^0 = 40 + 51 + 62 + 73 + 160 \\
 386 &:= 4^0 + 5^2 + 6^0 + 7^3 + 16^1 = 40 + 52 + 60 + 73 + 161 \\
 386 &:= 4^1 + 4^1 + 4^2 + 7^0 + 19^2 = 41 + 41 + 42 + 70 + 192 \\
 386 &:= 5^0 + 5^0 + 5^2 + 7^3 + 16^1 = 50 + 50 + 52 + 73 + 161
 \end{aligned}$$

$$\begin{aligned}
 386 &:= 5^0 + 5^1 + 6^2 + 7^3 + 15^0 = 50 + 51 + 62 + 73 + 150 \\
 386 &:= 5^1 + 6^0 + 6^2 + 7^3 + 14^0 = 51 + 60 + 62 + 73 + 140 \\
 386 &:= 5^1 + 6^2 + 7^0 + 7^3 + 13^0 = 51 + 62 + 70 + 73 + 130 \\
 386 &:= 5^1 + 6^2 + 7^3 + 10^0 + 10^0 = 51 + 62 + 73 + 100 + 100 \\
 386 &:= 5^1 + 6^2 + 7^3 + 8^0 + 12^0 = 51 + 62 + 73 + 80 + 120 \\
 386 &:= 5^1 + 6^2 + 7^3 + 9^0 + 11^0 = 51 + 62 + 73 + 90 + 110
 \end{aligned}$$

2.2.288 Number 387

$$\begin{aligned}
 387 &:= 1^2 + 6^3 + 13^2 + 18^0 = 12 + 63 + 132 + 180 \\
 387 &:= 1^9 + 2^4 + 7^3 + 27^1 = 19 + 24 + 73 + 271 \\
 387 &:= 1^9 + 3^5 + 11^2 + 22^1 = 19 + 35 + 112 + 221 \\
 387 &:= 2^0 + 3^4 + 16^1 + 17^2 = 20 + 34 + 161 + 172 \\
 387 &:= 2^4 + 8^0 + 9^1 + 19^2 = 24 + 80 + 91 + 192 \\
 387 &:= 3^3 + 7^3 + 12^0 + 16^1 = 33 + 73 + 120 + 161 \\
 387 &:= 4^4 + 9^1 + 11^2 + 14^0 = 44 + 91 + 112 + 140 \\
 387 &:= 5^3 + 6^2 + 12^0 + 15^2 = 53 + 62 + 120 + 152 \\
 387 &:= 6^3 + 7^2 + 11^2 + 14^0 = 63 + 72 + 112 + 140 \\
 387 &:= 1^0 + 1^8 + 2^7 + 16^2 + 17^0 = 10 + 18 + 27 + 162 + 170 \\
 387 &:= 1^0 + 1^9 + 2^4 + 7^3 + 26^1 = 10 + 19 + 24 + 73 + 261 \\
 387 &:= 1^0 + 1^9 + 3^5 + 11^2 + 21^1 = 10 + 19 + 35 + 112 + 211 \\
 387 &:= 1^0 + 2^0 + 3^4 + 15^1 + 17^2 = 10 + 20 + 34 + 151 + 172 \\
 387 &:= 1^0 + 2^2 + 5^3 + 14^0 + 16^2 = 10 + 22 + 53 + 140 + 162 \\
 387 &:= 1^0 + 2^3 + 4^2 + 12^0 + 19^2 = 10 + 23 + 42 + 120 + 192 \\
 387 &:= 1^0 + 2^3 + 8^0 + 11^2 + 16^2 = 10 + 23 + 80 + 112 + 162 \\
 387 &:= 1^0 + 2^4 + 8^0 + 8^1 + 19^2 = 10 + 24 + 80 + 81 + 192 \\
 387 &:= 1^0 + 3^3 + 7^3 + 12^0 + 15^1 = 10 + 33 + 73 + 120 + 151 \\
 387 &:= 1^0 + 4^4 + 8^1 + 11^2 + 14^0 = 10 + 44 + 81 + 112 + 140 \\
 387 &:= 1^0 + 5^2 + 6^3 + 12^2 + 14^0 = 10 + 52 + 63 + 122 + 140 \\
 387 &:= 1^0 + 5^3 + 8^2 + 10^0 + 14^2 = 10 + 53 + 82 + 100 + 142 \\
 387 &:= 1^1 + 1^7 + 2^7 + 16^2 + 17^0 = 11 + 17 + 27 + 162 + 170 \\
 387 &:= 1^1 + 1^8 + 2^4 + 7^3 + 26^1 = 11 + 18 + 24 + 73 + 261 \\
 387 &:= 1^1 + 1^8 + 3^5 + 11^2 + 21^1 = 11 + 18 + 35 + 112 + 211 \\
 387 &:= 1^1 + 1^9 + 3^4 + 15^1 + 17^2 = 11 + 19 + 34 + 151 + 172 \\
 387 &:= 1^1 + 4^1 + 5^3 + 12^0 + 16^2 = 11 + 41 + 53 + 120 + 162 \\
 387 &:= 1^1 + 4^2 + 6^0 + 12^2 + 15^2 = 11 + 42 + 60 + 122 + 152 \\
 387 &:= 1^1 + 5^2 + 6^2 + 8^0 + 18^2 = 11 + 52 + 62 + 80 + 182
 \end{aligned}$$

$$\begin{aligned}
 387 &:= 1^1 + 5^2 + 7^3 + 8^0 + 17^1 = 11 + 52 + 73 + 80 + 171 \\
 387 &:= 1^1 + 6^1 + 6^2 + 7^3 + 18^0 = 11 + 61 + 62 + 73 + 180 \\
 387 &:= 1^2 + 1^6 + 2^7 + 16^2 + 17^0 = 12 + 16 + 27 + 162 + 170 \\
 387 &:= 1^2 + 1^7 + 2^4 + 7^3 + 26^1 = 12 + 17 + 24 + 73 + 261 \\
 387 &:= 1^2 + 1^7 + 3^5 + 11^2 + 21^1 = 12 + 17 + 35 + 112 + 211 \\
 387 &:= 1^2 + 1^8 + 3^4 + 15^1 + 17^2 = 12 + 18 + 34 + 151 + 172 \\
 387 &:= 1^2 + 2^0 + 8^1 + 11^2 + 16^2 = 12 + 20 + 81 + 112 + 162 \\
 387 &:= 1^2 + 2^4 + 2^7 + 6^3 + 26^1 = 12 + 24 + 27 + 63 + 261 \\
 387 &:= 1^2 + 2^7 + 2^8 + 10^0 + 22^0 = 12 + 27 + 28 + 100 + 220 \\
 387 &:= 1^2 + 2^7 + 2^8 + 11^0 + 21^0 = 12 + 27 + 28 + 110 + 210 \\
 387 &:= 1^2 + 2^7 + 2^8 + 12^0 + 20^0 = 12 + 27 + 28 + 120 + 200 \\
 387 &:= 1^2 + 2^7 + 2^8 + 13^0 + 19^0 = 12 + 27 + 28 + 130 + 190 \\
 387 &:= 1^2 + 2^7 + 2^8 + 14^0 + 18^0 = 12 + 27 + 28 + 140 + 180 \\
 387 &:= 1^2 + 2^7 + 2^8 + 15^0 + 17^0 = 12 + 27 + 28 + 150 + 170 \\
 387 &:= 1^2 + 2^7 + 2^8 + 16^0 + 16^0 = 12 + 27 + 28 + 160 + 160 \\
 387 &:= 1^2 + 2^7 + 2^8 + 5^0 + 27^0 = 12 + 27 + 28 + 50 + 270 \\
 387 &:= 1^2 + 2^7 + 2^8 + 6^0 + 26^0 = 12 + 27 + 28 + 60 + 260 \\
 387 &:= 1^2 + 2^7 + 2^8 + 7^0 + 25^0 = 12 + 27 + 28 + 70 + 250 \\
 387 &:= 1^2 + 2^7 + 2^8 + 8^0 + 24^0 = 12 + 27 + 28 + 80 + 240 \\
 387 &:= 1^2 + 2^7 + 2^8 + 9^0 + 23^0 = 12 + 27 + 28 + 90 + 230 \\
 387 &:= 1^2 + 4^2 + 6^0 + 8^1 + 19^2 = 12 + 42 + 60 + 81 + 192 \\
 387 &:= 1^3 + 1^5 + 2^7 + 16^2 + 17^0 = 13 + 15 + 27 + 162 + 170 \\
 387 &:= 1^3 + 1^6 + 2^4 + 7^3 + 26^1 = 13 + 16 + 24 + 73 + 261 \\
 387 &:= 1^3 + 1^6 + 3^5 + 11^2 + 21^1 = 13 + 16 + 35 + 112 + 211 \\
 387 &:= 1^3 + 1^7 + 3^4 + 15^1 + 17^2 = 13 + 17 + 34 + 151 + 172 \\
 387 &:= 1^3 + 1^9 + 8^1 + 11^2 + 16^2 = 13 + 19 + 81 + 112 + 162 \\
 387 &:= 1^3 + 2^3 + 2^8 + 10^2 + 22^1 = 13 + 23 + 28 + 102 + 221 \\
 387 &:= 1^3 + 2^4 + 2^7 + 15^2 + 17^1 = 13 + 24 + 27 + 152 + 171
 \end{aligned}$$

$$\begin{aligned} 387 &:= 1^3 + 2^5 + 2^7 + 15^2 + 17^0 = 13 + 25 + 27 + 152 + 170 \\ 387 &:= 1^3 + 2^6 + 3^4 + 6^3 + 25^1 = 13 + 26 + 34 + 63 + 251 \\ 387 &:= 1^3 + 2^8 + 3^3 + 9^2 + 22^1 = 13 + 28 + 33 + 92 + 221 \\ 387 &:= 1^4 + 1^4 + 2^7 + 16^2 + 17^0 = 14 + 14 + 27 + 162 + 170 \\ 387 &:= 1^4 + 1^5 + 2^4 + 7^3 + 26^1 = 14 + 15 + 24 + 73 + 261 \\ 387 &:= 1^4 + 1^5 + 3^5 + 11^2 + 21^1 = 14 + 15 + 35 + 112 + 211 \\ 387 &:= 1^4 + 1^6 + 3^4 + 15^1 + 17^2 = 14 + 16 + 34 + 151 + 172 \\ 387 &:= 1^4 + 1^8 + 8^1 + 11^2 + 16^2 = 14 + 18 + 81 + 112 + 162 \\ 387 &:= 1^4 + 2^2 + 2^8 + 5^3 + 27^0 = 14 + 22 + 28 + 53 + 270 \\ 387 &:= 1^4 + 2^3 + 2^8 + 11^2 + 21^0 = 14 + 23 + 28 + 112 + 210 \\ 387 &:= 1^4 + 2^5 + 2^6 + 15^0 + 17^2 = 14 + 25 + 26 + 150 + 172 \\ 387 &:= 1^4 + 2^6 + 3^4 + 15^2 + 16^1 = 14 + 26 + 34 + 152 + 161 \\ 387 &:= 1^4 + 2^7 + 3^5 + 14^1 + 17^0 = 14 + 27 + 35 + 141 + 170 \\ 387 &:= 1^4 + 2^8 + 3^2 + 10^2 + 21^1 = 14 + 28 + 32 + 102 + 211 \\ 387 &:= 1^5 + 1^5 + 3^4 + 15^1 + 17^2 = 15 + 15 + 34 + 151 + 172 \\ 387 &:= 1^5 + 1^7 + 8^1 + 11^2 + 16^2 = 15 + 17 + 81 + 112 + 162 \\ 387 &:= 1^5 + 2^4 + 2^5 + 14^1 + 18^2 = 15 + 24 + 25 + 141 + 182 \\ 387 &:= 1^5 + 2^7 + 7^2 + 13^1 + 14^2 = 15 + 27 + 72 + 131 + 142 \\ 387 &:= 1^5 + 2^8 + 4^1 + 5^3 + 25^0 = 15 + 28 + 41 + 53 + 250 \\ 387 &:= 1^6 + 1^6 + 8^1 + 11^2 + 16^2 = 16 + 16 + 81 + 112 + 162 \\ 387 &:= 1^6 + 2^5 + 6^3 + 11^2 + 17^1 = 16 + 25 + 63 + 112 + 171 \\ 387 &:= 1^6 + 2^6 + 5^3 + 14^2 + 15^0 = 16 + 26 + 53 + 142 + 150 \\ 387 &:= 1^6 + 2^6 + 9^1 + 12^2 + 13^2 = 16 + 26 + 91 + 122 + 132 \\ 387 &:= 1^6 + 2^7 + 3^0 + 4^4 + 27^0 = 16 + 27 + 30 + 44 + 270 \\ 387 &:= 1^6 + 2^7 + 4^0 + 4^4 + 26^0 = 16 + 27 + 40 + 44 + 260 \\ 387 &:= 1^6 + 2^7 + 4^4 + 10^0 + 20^0 = 16 + 27 + 44 + 100 + 200 \\ 387 &:= 1^6 + 2^7 + 4^4 + 11^0 + 19^0 = 16 + 27 + 44 + 110 + 190 \\ 387 &:= 1^6 + 2^7 + 4^4 + 12^0 + 18^0 = 16 + 27 + 44 + 120 + 180 \\ 387 &:= 1^6 + 2^7 + 4^4 + 13^0 + 17^0 = 16 + 27 + 44 + 130 + 170 \\ 387 &:= 1^6 + 2^7 + 4^4 + 14^0 + 16^0 = 16 + 27 + 44 + 140 + 160 \\ 387 &:= 1^6 + 2^7 + 4^4 + 15^0 + 15^0 = 16 + 27 + 44 + 150 + 150 \\ 387 &:= 1^6 + 2^7 + 4^4 + 5^0 + 25^0 = 16 + 27 + 44 + 50 + 250 \\ 387 &:= 1^6 + 2^7 + 4^4 + 6^0 + 24^0 = 16 + 27 + 44 + 60 + 240 \\ 387 &:= 1^6 + 2^7 + 4^4 + 7^0 + 23^0 = 16 + 27 + 44 + 70 + 230 \\ 387 &:= 1^6 + 2^7 + 4^4 + 8^0 + 22^0 = 16 + 27 + 44 + 80 + 220 \\ 387 &:= 1^6 + 2^7 + 4^4 + 9^0 + 21^0 = 16 + 27 + 44 + 90 + 210 \\ 387 &:= 1^6 + 2^8 + 8^1 + 11^2 + 15^0 = 16 + 28 + 81 + 112 + 150 \\ 387 &:= 1^6 + 3^4 + 4^4 + 5^2 + 24^1 = 16 + 34 + 44 + 52 + 241 \end{aligned}$$

$$\begin{aligned} 387 &:= 1^7 + 2^5 + 4^3 + 13^0 + 17^2 = 17 + 25 + 43 + 130 + 172 \\ 387 &:= 1^7 + 2^5 + 8^1 + 11^2 + 15^2 = 17 + 25 + 81 + 112 + 152 \\ 387 &:= 1^7 + 3^5 + 5^2 + 10^2 + 18^1 = 17 + 35 + 52 + 102 + 181 \\ 387 &:= 1^8 + 2^0 + 2^7 + 16^0 + 16^2 = 18 + 20 + 27 + 160 + 162 \\ 387 &:= 1^8 + 2^1 + 2^4 + 7^3 + 25^1 = 18 + 21 + 24 + 73 + 251 \\ 387 &:= 1^8 + 2^1 + 3^5 + 11^2 + 20^1 = 18 + 21 + 35 + 112 + 201 \\ 387 &:= 1^8 + 2^2 + 4^4 + 5^3 + 25^0 = 18 + 22 + 44 + 53 + 250 \\ 387 &:= 1^8 + 2^3 + 2^4 + 13^0 + 19^2 = 18 + 23 + 24 + 130 + 192 \\ 387 &:= 1^8 + 2^3 + 4^4 + 11^2 + 19^0 = 18 + 23 + 44 + 112 + 190 \\ 387 &:= 1^8 + 2^4 + 3^1 + 7^3 + 24^1 = 18 + 24 + 31 + 73 + 241 \\ 387 &:= 1^8 + 2^4 + 4^1 + 7^3 + 23^1 = 18 + 24 + 41 + 73 + 231 \\ 387 &:= 1^8 + 2^4 + 5^1 + 7^3 + 22^1 = 18 + 24 + 51 + 73 + 221 \\ 387 &:= 1^8 + 2^4 + 6^1 + 7^3 + 21^1 = 18 + 24 + 61 + 73 + 211 \\ 387 &:= 1^8 + 2^4 + 6^2 + 10^1 + 18^2 = 18 + 24 + 62 + 101 + 182 \\ 387 &:= 1^8 + 2^4 + 7^1 + 7^3 + 20^1 = 18 + 24 + 71 + 73 + 201 \\ 387 &:= 1^8 + 2^4 + 7^3 + 10^1 + 17^1 = 18 + 24 + 73 + 101 + 171 \\ 387 &:= 1^8 + 2^4 + 7^3 + 11^1 + 16^1 = 18 + 24 + 73 + 111 + 161 \\ 387 &:= 1^8 + 2^4 + 7^3 + 12^1 + 15^1 = 18 + 24 + 73 + 121 + 151 \\ 387 &:= 1^8 + 2^4 + 7^3 + 13^1 + 14^1 = 18 + 24 + 73 + 131 + 141 \\ 387 &:= 1^8 + 2^4 + 7^3 + 8^1 + 19^1 = 18 + 24 + 73 + 81 + 191 \\ 387 &:= 1^8 + 2^4 + 7^3 + 9^1 + 18^1 = 18 + 24 + 73 + 91 + 181 \\ 387 &:= 1^8 + 2^5 + 7^3 + 10^1 + 17^0 = 18 + 25 + 73 + 101 + 170 \\ 387 &:= 1^8 + 2^5 + 8^2 + 9^0 + 17^2 = 18 + 25 + 82 + 90 + 172 \\ 387 &:= 1^8 + 2^7 + 3^0 + 15^0 + 16^2 = 18 + 27 + 30 + 150 + 162 \\ 387 &:= 1^8 + 2^7 + 4^0 + 14^0 + 16^2 = 18 + 27 + 40 + 140 + 162 \\ 387 &:= 1^8 + 2^7 + 5^0 + 13^0 + 16^2 = 18 + 27 + 50 + 130 + 162 \\ 387 &:= 1^8 + 2^7 + 6^0 + 12^0 + 16^2 = 18 + 27 + 60 + 120 + 162 \\ 387 &:= 1^8 + 2^7 + 7^0 + 11^0 + 16^2 = 18 + 27 + 70 + 110 + 162 \\ 387 &:= 1^8 + 2^7 + 8^0 + 10^0 + 16^2 = 18 + 27 + 80 + 100 + 162 \\ 387 &:= 1^8 + 2^7 + 9^0 + 9^0 + 16^2 = 18 + 27 + 90 + 90 + 162 \\ 387 &:= 1^8 + 3^1 + 3^5 + 11^2 + 19^1 = 18 + 31 + 35 + 112 + 191 \\ 387 &:= 1^8 + 3^4 + 9^1 + 10^2 + 14^2 = 18 + 34 + 91 + 102 + 142 \\ 387 &:= 1^8 + 3^5 + 10^1 + 11^2 + 12^1 = 18 + 35 + 101 + 112 + 121 \\ 387 &:= 1^8 + 3^5 + 11^1 + 11^1 + 11^2 = 18 + 35 + 111 + 111 + 112 \\ 387 &:= 1^8 + 3^5 + 4^1 + 11^2 + 18^1 = 18 + 35 + 41 + 112 + 181 \\ 387 &:= 1^8 + 3^5 + 5^1 + 11^2 + 17^1 = 18 + 35 + 51 + 112 + 171 \\ 387 &:= 1^8 + 3^5 + 5^3 + 11^0 + 17^1 = 18 + 35 + 53 + 110 + 171 \\ 387 &:= 1^8 + 3^5 + 6^1 + 11^2 + 16^1 = 18 + 35 + 61 + 112 + 161 \end{aligned}$$

$$\begin{aligned} 387 &:= 1^8 + 3^5 + 7^1 + 11^2 + 15^1 = 18 + 35 + 71 + 112 + 151 \\ 387 &:= 1^8 + 3^5 + 8^1 + 11^2 + 14^1 = 18 + 35 + 81 + 112 + 141 \\ 387 &:= 1^8 + 3^5 + 9^1 + 11^2 + 13^1 = 18 + 35 + 91 + 112 + 131 \\ 387 &:= 1^8 + 4^4 + 7^2 + 8^2 + 17^1 = 18 + 44 + 72 + 82 + 171 \\ 387 &:= 1^8 + 5^2 + 5^3 + 6^3 + 20^1 = 18 + 52 + 53 + 63 + 201 \\ 387 &:= 1^8 + 5^3 + 5^3 + 11^2 + 15^1 = 18 + 53 + 53 + 112 + 151 \\ 387 &:= 1^9 + 1^9 + 2^7 + 16^0 + 16^2 = 19 + 19 + 27 + 160 + 162 \\ 387 &:= 1^9 + 2^1 + 3^4 + 14^1 + 17^2 = 19 + 21 + 34 + 141 + 172 \\ 387 &:= 1^9 + 2^2 + 2^3 + 13^1 + 19^2 = 19 + 22 + 23 + 131 + 192 \\ 387 &:= 1^9 + 2^2 + 4^2 + 7^3 + 23^1 = 19 + 22 + 42 + 73 + 231 \\ 387 &:= 1^9 + 2^3 + 8^1 + 9^2 + 17^2 = 19 + 23 + 81 + 92 + 172 \\ 387 &:= 1^9 + 2^4 + 7^0 + 12^2 + 15^2 = 19 + 24 + 70 + 122 + 152 \\ 387 &:= 1^9 + 3^1 + 3^4 + 13^1 + 17^2 = 19 + 31 + 34 + 131 + 172 \\ 387 &:= 1^9 + 3^2 + 8^2 + 12^2 + 13^2 = 19 + 32 + 82 + 122 + 132 \\ 387 &:= 1^9 + 3^2 + 9^2 + 10^2 + 14^2 = 19 + 32 + 92 + 102 + 142 \\ 387 &:= 1^9 + 3^3 + 5^2 + 10^1 + 18^2 = 19 + 33 + 52 + 101 + 182 \\ 387 &:= 1^9 + 3^4 + 4^1 + 12^1 + 17^2 = 19 + 34 + 41 + 121 + 172 \\ 387 &:= 1^9 + 3^4 + 5^1 + 11^1 + 17^2 = 19 + 34 + 51 + 111 + 172 \\ 387 &:= 1^9 + 3^4 + 6^1 + 10^1 + 17^2 = 19 + 34 + 61 + 101 + 172 \\ 387 &:= 1^9 + 3^4 + 7^1 + 9^1 + 17^2 = 19 + 34 + 71 + 91 + 172 \\ 387 &:= 1^9 + 3^4 + 8^1 + 8^1 + 17^2 = 19 + 34 + 81 + 81 + 172 \\ 387 &:= 1^9 + 4^1 + 4^4 + 5^3 + 23^0 = 19 + 41 + 44 + 53 + 230 \\ 387 &:= 1^9 + 4^2 + 8^2 + 9^2 + 15^2 = 19 + 42 + 82 + 92 + 152 \\ 387 &:= 1^9 + 4^3 + 5^3 + 13^0 + 14^2 = 19 + 43 + 53 + 130 + 142 \\ 387 &:= 1^9 + 5^2 + 5^3 + 11^1 + 15^2 = 19 + 52 + 53 + 111 + 152 \\ 387 &:= 1^9 + 5^2 + 6^2 + 10^2 + 15^2 = 19 + 52 + 62 + 102 + 152 \\ 387 &:= 1^9 + 6^2 + 6^3 + 11^2 + 13^1 = 19 + 62 + 63 + 112 + 131 \\ 387 &:= 2^0 + 2^2 + 3^2 + 12^1 + 19^2 = 20 + 22 + 32 + 121 + 192 \\ 387 &:= 2^0 + 2^2 + 5^3 + 13^0 + 16^2 = 20 + 22 + 53 + 130 + 162 \\ 387 &:= 2^0 + 2^2 + 7^2 + 9^1 + 18^2 = 20 + 22 + 72 + 91 + 182 \\ 387 &:= 2^0 + 2^3 + 4^2 + 11^0 + 19^2 = 20 + 23 + 42 + 110 + 192 \\ 387 &:= 2^0 + 2^3 + 7^0 + 11^2 + 16^2 = 20 + 23 + 70 + 112 + 162 \\ 387 &:= 2^0 + 2^4 + 7^0 + 8^1 + 19^2 = 20 + 24 + 70 + 81 + 192 \\ 387 &:= 2^0 + 3^2 + 7^1 + 9^2 + 17^2 = 20 + 32 + 71 + 92 + 172 \\ 387 &:= 2^0 + 3^3 + 7^3 + 11^0 + 15^1 = 20 + 33 + 73 + 110 + 151 \\ 387 &:= 2^0 + 4^1 + 6^2 + 11^2 + 15^2 = 20 + 41 + 62 + 112 + 152 \\ 387 &:= 2^0 + 4^2 + 5^1 + 13^2 + 14^2 = 20 + 42 + 51 + 132 + 142 \\ 387 &:= 2^0 + 4^4 + 8^1 + 11^2 + 13^0 = 20 + 44 + 81 + 112 + 130 \end{aligned}$$

$$\begin{aligned} 387 &:= 2^0 + 5^1 + 5^2 + 10^2 + 16^2 = 20 + 51 + 52 + 102 + 162 \\ 387 &:= 2^0 + 5^2 + 6^3 + 12^2 + 13^0 = 20 + 52 + 63 + 122 + 130 \\ 387 &:= 2^0 + 5^3 + 8^2 + 9^0 + 14^2 = 20 + 53 + 82 + 90 + 142 \\ 387 &:= 2^1 + 2^6 + 2^6 + 4^4 + 27^0 = 21 + 26 + 26 + 44 + 270 \\ 387 &:= 2^1 + 2^6 + 2^8 + 8^2 + 23^0 = 21 + 26 + 28 + 82 + 230 \\ 387 &:= 2^1 + 3^1 + 5^3 + 12^0 + 16^2 = 21 + 31 + 53 + 120 + 162 \\ 387 &:= 2^1 + 4^0 + 8^2 + 8^2 + 16^2 = 21 + 40 + 82 + 82 + 162 \\ 387 &:= 2^1 + 5^1 + 6^2 + 7^3 + 18^0 = 21 + 51 + 62 + 73 + 180 \\ 387 &:= 2^1 + 5^2 + 7^3 + 8^0 + 16^1 = 21 + 52 + 73 + 80 + 161 \\ 387 &:= 2^2 + 2^5 + 3^4 + 3^5 + 27^1 = 22 + 25 + 34 + 35 + 271 \\ 387 &:= 2^2 + 3^0 + 5^3 + 12^0 + 16^2 = 22 + 30 + 53 + 120 + 162 \\ 387 &:= 2^2 + 4^0 + 5^1 + 11^2 + 16^2 = 22 + 40 + 51 + 112 + 162 \\ 387 &:= 2^2 + 4^0 + 5^3 + 11^0 + 16^2 = 22 + 40 + 53 + 110 + 162 \\ 387 &:= 2^2 + 4^2 + 5^1 + 8^0 + 19^2 = 22 + 42 + 51 + 80 + 192 \\ 387 &:= 2^2 + 5^0 + 5^3 + 10^0 + 16^2 = 22 + 50 + 53 + 100 + 162 \\ 387 &:= 2^2 + 5^3 + 6^0 + 9^0 + 16^2 = 22 + 53 + 60 + 90 + 162 \\ 387 &:= 2^2 + 5^3 + 7^0 + 8^0 + 16^2 = 22 + 53 + 70 + 80 + 162 \\ 387 &:= 2^3 + 2^6 + 3^5 + 7^2 + 23^1 = 23 + 26 + 35 + 72 + 231 \\ 387 &:= 2^3 + 2^8 + 4^3 + 6^2 + 23^1 = 23 + 28 + 43 + 62 + 231 \\ 387 &:= 2^3 + 3^0 + 4^2 + 10^0 + 19^2 = 23 + 30 + 42 + 100 + 192 \\ 387 &:= 2^3 + 3^0 + 6^0 + 11^2 + 16^2 = 23 + 30 + 60 + 112 + 162 \\ 387 &:= 2^3 + 4^0 + 4^2 + 9^0 + 19^2 = 23 + 40 + 42 + 90 + 192 \\ 387 &:= 2^3 + 4^0 + 5^0 + 11^2 + 16^2 = 23 + 40 + 50 + 112 + 162 \\ 387 &:= 2^3 + 4^2 + 5^0 + 8^0 + 19^2 = 23 + 42 + 50 + 80 + 192 \\ 387 &:= 2^3 + 4^2 + 6^0 + 7^0 + 19^2 = 23 + 42 + 60 + 70 + 192 \\ 387 &:= 2^4 + 2^7 + 5^3 + 10^2 + 18^1 = 24 + 27 + 53 + 102 + 181 \\ 387 &:= 2^4 + 3^0 + 6^0 + 8^1 + 19^2 = 24 + 30 + 60 + 81 + 192 \\ 387 &:= 2^4 + 4^0 + 5^0 + 8^1 + 19^2 = 24 + 40 + 50 + 81 + 192 \\ 387 &:= 2^5 + 2^7 + 4^2 + 14^2 + 15^1 = 25 + 27 + 42 + 142 + 151 \\ 387 &:= 2^5 + 2^8 + 7^2 + 7^2 + 19^0 = 25 + 28 + 72 + 72 + 190 \\ 387 &:= 2^6 + 2^7 + 5^2 + 13^2 + 15^0 = 26 + 27 + 52 + 132 + 150 \\ 387 &:= 2^6 + 2^8 + 7^2 + 9^0 + 17^1 = 26 + 28 + 72 + 90 + 171 \\ 387 &:= 2^6 + 3^4 + 3^4 + 12^2 + 17^1 = 26 + 34 + 34 + 122 + 171 \\ 387 &:= 2^7 + 2^7 + 9^1 + 11^2 + 13^0 = 27 + 27 + 91 + 112 + 130 \\ 387 &:= 2^8 + 3^2 + 3^4 + 4^2 + 25^1 = 28 + 32 + 34 + 42 + 251 \\ 387 &:= 2^8 + 3^3 + 4^2 + 4^3 + 24^1 = 28 + 33 + 42 + 43 + 241 \\ 387 &:= 3^0 + 3^3 + 7^3 + 10^0 + 15^1 = 30 + 33 + 73 + 100 + 151 \\ 387 &:= 3^0 + 4^4 + 8^1 + 11^2 + 12^0 = 30 + 44 + 81 + 112 + 120 \end{aligned}$$

$$\begin{aligned}
 387 &:= 3^0 + 5^2 + 6^3 + 12^0 + 12^2 = 30 + 52 + 63 + 120 + 122 \\
 387 &:= 3^0 + 5^3 + 8^0 + 8^2 + 14^2 = 30 + 53 + 80 + 82 + 142 \\
 387 &:= 3^1 + 4^1 + 6^2 + 7^3 + 18^0 = 31 + 41 + 62 + 73 + 180 \\
 387 &:= 3^1 + 5^2 + 7^3 + 8^0 + 15^1 = 31 + 52 + 73 + 80 + 151 \\
 387 &:= 3^2 + 3^2 + 6^0 + 7^1 + 19^2 = 32 + 32 + 60 + 71 + 192 \\
 387 &:= 3^2 + 4^1 + 6^0 + 7^2 + 18^2 = 32 + 41 + 60 + 72 + 182 \\
 387 &:= 3^3 + 4^0 + 7^3 + 9^0 + 15^1 = 33 + 40 + 73 + 90 + 151 \\
 387 &:= 3^3 + 5^0 + 7^3 + 8^0 + 15^1 = 33 + 50 + 73 + 80 + 151 \\
 387 &:= 3^3 + 6^0 + 7^0 + 7^3 + 15^1 = 33 + 60 + 70 + 73 + 151 \\
 387 &:= 4^0 + 4^4 + 8^1 + 11^0 + 11^2 = 40 + 44 + 81 + 110 + 112 \\
 387 &:= 4^0 + 5^2 + 6^3 + 11^0 + 12^2 = 40 + 52 + 63 + 110 + 122 \\
 387 &:= 4^0 + 5^3 + 7^0 + 8^2 + 14^2 = 40 + 53 + 70 + 82 + 142 \\
 387 &:= 4^1 + 5^2 + 7^3 + 8^0 + 14^1 = 41 + 52 + 73 + 80 + 141
 \end{aligned}$$

$$\begin{aligned}
 387 &:= 4^4 + 5^0 + 8^1 + 10^0 + 11^2 = 44 + 50 + 81 + 100 + 112 \\
 387 &:= 4^4 + 6^0 + 8^1 + 9^0 + 11^2 = 44 + 60 + 81 + 90 + 112 \\
 387 &:= 4^4 + 7^0 + 8^0 + 8^1 + 11^2 = 44 + 70 + 80 + 81 + 112 \\
 387 &:= 5^0 + 5^2 + 6^3 + 10^0 + 12^2 = 50 + 52 + 63 + 100 + 122 \\
 387 &:= 5^0 + 5^3 + 6^0 + 8^2 + 14^2 = 50 + 53 + 60 + 82 + 142 \\
 387 &:= 5^1 + 5^2 + 7^3 + 8^0 + 13^1 = 51 + 52 + 73 + 80 + 131 \\
 387 &:= 5^2 + 6^0 + 6^3 + 9^0 + 12^2 = 52 + 60 + 63 + 90 + 122 \\
 387 &:= 5^2 + 6^1 + 7^3 + 8^0 + 12^1 = 52 + 61 + 73 + 80 + 121 \\
 387 &:= 5^2 + 6^3 + 7^0 + 8^0 + 12^2 = 52 + 63 + 70 + 80 + 122 \\
 387 &:= 5^2 + 7^1 + 7^3 + 8^0 + 11^1 = 52 + 71 + 73 + 80 + 111 \\
 387 &:= 5^2 + 7^3 + 8^0 + 8^1 + 10^1 = 52 + 73 + 80 + 81 + 101 \\
 387 &:= 5^2 + 7^3 + 8^0 + 9^1 + 9^1 = 52 + 73 + 80 + 91 + 91
 \end{aligned}$$

2.2.289 Number 388

$$\begin{aligned}
 388 &:= 2^4 + 7^3 + 29^1 = 24 + 73 + 291 \\
 388 &:= 3^5 + 11^2 + 24^1 = 35 + 112 + 241 \\
 388 &:= 1^0 + 2^4 + 7^3 + 28^1 = 10 + 24 + 73 + 281 \\
 388 &:= 1^0 + 3^5 + 11^2 + 23^1 = 10 + 35 + 112 + 231 \\
 388 &:= 1^1 + 3^4 + 17^1 + 17^2 = 11 + 34 + 171 + 172 \\
 388 &:= 1^3 + 10^1 + 11^2 + 16^2 = 13 + 101 + 112 + 162 \\
 388 &:= 1^4 + 5^2 + 13^0 + 19^2 = 14 + 52 + 130 + 192 \\
 388 &:= 2^1 + 3^4 + 16^1 + 17^2 = 21 + 34 + 161 + 172 \\
 388 &:= 2^2 + 2^3 + 15^1 + 19^2 = 22 + 23 + 151 + 192 \\
 388 &:= 2^2 + 4^2 + 7^3 + 25^1 = 22 + 42 + 73 + 251 \\
 388 &:= 2^3 + 6^2 + 7^3 + 23^0 = 23 + 62 + 73 + 230 \\
 388 &:= 2^3 + 9^2 + 10^1 + 17^2 = 23 + 92 + 101 + 172 \\
 388 &:= 3^1 + 3^4 + 15^1 + 17^2 = 31 + 34 + 151 + 172 \\
 388 &:= 3^3 + 5^2 + 12^1 + 18^2 = 33 + 52 + 121 + 182 \\
 388 &:= 3^3 + 6^3 + 12^2 + 17^0 = 33 + 63 + 122 + 170 \\
 388 &:= 3^4 + 4^1 + 14^1 + 17^2 = 34 + 41 + 141 + 172 \\
 388 &:= 3^4 + 5^1 + 13^1 + 17^2 = 34 + 51 + 131 + 172 \\
 388 &:= 3^4 + 6^1 + 12^1 + 17^2 = 34 + 61 + 121 + 172 \\
 388 &:= 3^4 + 7^1 + 11^1 + 17^2 = 34 + 71 + 111 + 172 \\
 388 &:= 3^4 + 8^1 + 10^1 + 17^2 = 34 + 81 + 101 + 172 \\
 388 &:= 3^4 + 9^1 + 9^1 + 17^2 = 34 + 91 + 91 + 172 \\
 388 &:= 3^4 + 9^2 + 11^0 + 15^2 = 34 + 92 + 110 + 152
 \end{aligned}$$

$$\begin{aligned}
 388 &:= 4^4 + 5^3 + 6^1 + 23^0 = 44 + 53 + 61 + 230 \\
 388 &:= 5^2 + 11^2 + 11^2 + 11^2 = 52 + 112 + 112 + 112 \\
 388 &:= 5^2 + 5^3 + 13^1 + 15^2 = 52 + 53 + 131 + 152 \\
 388 &:= 6^2 + 6^3 + 11^2 + 15^1 = 62 + 63 + 112 + 151 \\
 388 &:= 6^2 + 8^2 + 12^2 + 12^2 = 62 + 82 + 122 + 122 \\
 388 &:= 7^2 + 7^2 + 11^2 + 13^2 = 72 + 72 + 112 + 132 \\
 388 &:= 8^2 + 8^2 + 8^2 + 14^2 = 82 + 82 + 82 + 142 \\
 388 &:= 1^0 + 1^0 + 2^4 + 7^3 + 27^1 = 10 + 10 + 24 + 73 + 271 \\
 388 &:= 1^0 + 1^0 + 3^5 + 11^2 + 22^1 = 10 + 10 + 35 + 112 + 221 \\
 388 &:= 1^0 + 1^1 + 3^4 + 16^1 + 17^2 = 10 + 11 + 34 + 161 + 172 \\
 388 &:= 1^0 + 1^3 + 6^3 + 13^2 + 17^0 = 10 + 13 + 63 + 132 + 170 \\
 388 &:= 1^0 + 1^3 + 9^1 + 11^2 + 16^2 = 10 + 13 + 91 + 112 + 162 \\
 388 &:= 1^0 + 2^1 + 3^4 + 15^1 + 17^2 = 10 + 21 + 34 + 151 + 172 \\
 388 &:= 1^0 + 2^2 + 2^3 + 14^1 + 19^2 = 10 + 22 + 23 + 141 + 192 \\
 388 &:= 1^0 + 2^2 + 4^2 + 7^3 + 24^1 = 10 + 22 + 42 + 73 + 241 \\
 388 &:= 1^0 + 2^3 + 9^1 + 9^2 + 17^2 = 10 + 23 + 91 + 92 + 172 \\
 388 &:= 1^0 + 2^4 + 3^2 + 13^0 + 19^2 = 10 + 24 + 32 + 130 + 192 \\
 388 &:= 1^0 + 2^4 + 9^0 + 9^2 + 17^2 = 10 + 24 + 90 + 92 + 172 \\
 388 &:= 1^0 + 3^1 + 3^4 + 14^1 + 17^2 = 10 + 31 + 34 + 141 + 172 \\
 388 &:= 1^0 + 3^2 + 4^4 + 11^2 + 19^0 = 10 + 32 + 44 + 112 + 190 \\
 388 &:= 1^0 + 3^3 + 4^2 + 7^3 + 23^0 = 10 + 33 + 42 + 73 + 230 \\
 388 &:= 1^0 + 3^3 + 5^2 + 11^1 + 18^2 = 10 + 33 + 52 + 111 + 182
 \end{aligned}$$

$$\begin{aligned} 388 &:= 1^0 + 3^4 + 4^1 + 13^1 + 17^2 = 10 + 34 + 41 + 131 + 172 \\ 388 &:= 1^0 + 3^4 + 4^2 + 13^0 + 17^2 = 10 + 34 + 42 + 130 + 172 \\ 388 &:= 1^0 + 3^4 + 5^1 + 12^1 + 17^2 = 10 + 34 + 51 + 121 + 172 \\ 388 &:= 1^0 + 3^4 + 6^1 + 11^1 + 17^2 = 10 + 34 + 61 + 111 + 172 \\ 388 &:= 1^0 + 3^4 + 7^1 + 10^1 + 17^2 = 10 + 34 + 71 + 101 + 172 \\ 388 &:= 1^0 + 3^4 + 7^2 + 11^0 + 16^2 = 10 + 34 + 72 + 110 + 162 \\ 388 &:= 1^0 + 3^4 + 8^1 + 9^1 + 17^2 = 10 + 34 + 81 + 91 + 172 \\ 388 &:= 1^0 + 4^2 + 9^2 + 11^2 + 13^2 = 10 + 42 + 92 + 112 + 132 \\ 388 &:= 1^0 + 4^4 + 5^1 + 5^3 + 23^0 = 10 + 44 + 51 + 53 + 230 \\ 388 &:= 1^0 + 4^4 + 7^2 + 9^2 + 17^0 = 10 + 44 + 72 + 92 + 170 \\ 388 &:= 1^0 + 5^2 + 5^3 + 12^1 + 15^2 = 10 + 52 + 53 + 121 + 152 \\ 388 &:= 1^0 + 5^2 + 7^2 + 12^2 + 13^2 = 10 + 52 + 72 + 122 + 132 \\ 388 &:= 1^0 + 6^2 + 6^3 + 11^2 + 14^1 = 10 + 62 + 63 + 112 + 141 \\ 388 &:= 1^0 + 7^2 + 7^2 + 8^2 + 15^2 = 10 + 72 + 72 + 82 + 152 \\ 388 &:= 1^1 + 1^2 + 6^3 + 13^2 + 17^0 = 11 + 12 + 63 + 132 + 170 \\ 388 &:= 1^1 + 1^2 + 9^1 + 11^2 + 16^2 = 11 + 12 + 91 + 112 + 162 \\ 388 &:= 1^1 + 2^2 + 3^2 + 13^1 + 19^2 = 11 + 22 + 32 + 131 + 192 \\ 388 &:= 1^1 + 2^2 + 7^2 + 10^1 + 18^2 = 11 + 22 + 72 + 101 + 182 \\ 388 &:= 1^1 + 2^4 + 7^0 + 9^1 + 19^2 = 11 + 24 + 70 + 91 + 192 \\ 388 &:= 1^1 + 3^2 + 8^1 + 9^2 + 17^2 = 11 + 32 + 81 + 92 + 172 \\ 388 &:= 1^1 + 3^3 + 7^3 + 11^0 + 16^1 = 11 + 33 + 73 + 110 + 161 \\ 388 &:= 1^1 + 4^2 + 6^1 + 13^2 + 14^2 = 11 + 42 + 61 + 132 + 142 \\ 388 &:= 1^1 + 4^4 + 9^1 + 11^2 + 13^0 = 11 + 44 + 91 + 112 + 130 \\ 388 &:= 1^1 + 5^1 + 6^2 + 11^2 + 15^2 = 11 + 51 + 62 + 112 + 152 \\ 388 &:= 1^1 + 5^2 + 6^1 + 10^2 + 16^2 = 11 + 52 + 61 + 102 + 162 \\ 388 &:= 1^1 + 5^3 + 6^2 + 11^0 + 15^2 = 11 + 53 + 62 + 110 + 152 \\ 388 &:= 1^1 + 6^3 + 7^2 + 11^2 + 13^0 = 11 + 63 + 72 + 112 + 130 \\ 388 &:= 1^2 + 2^1 + 8^1 + 11^2 + 16^2 = 12 + 21 + 81 + 112 + 162 \\ 388 &:= 1^2 + 3^0 + 11^2 + 11^2 + 12^2 = 12 + 30 + 112 + 112 + 122 \\ 388 &:= 1^2 + 3^1 + 7^1 + 11^2 + 16^2 = 12 + 31 + 71 + 112 + 162 \\ 388 &:= 1^2 + 3^2 + 4^2 + 11^0 + 19^2 = 12 + 32 + 42 + 110 + 192 \\ 388 &:= 1^2 + 3^2 + 7^0 + 11^2 + 16^2 = 12 + 32 + 70 + 112 + 162 \\ 388 &:= 1^2 + 4^1 + 6^1 + 11^2 + 16^2 = 12 + 41 + 61 + 112 + 162 \\ 388 &:= 1^2 + 4^2 + 7^0 + 9^2 + 17^2 = 12 + 42 + 70 + 92 + 172 \\ 388 &:= 1^2 + 5^0 + 7^2 + 9^2 + 16^2 = 12 + 50 + 72 + 92 + 162 \\ 388 &:= 1^2 + 5^1 + 5^1 + 11^2 + 16^2 = 12 + 51 + 51 + 112 + 162 \\ 388 &:= 1^2 + 5^1 + 5^3 + 11^0 + 16^2 = 12 + 51 + 53 + 110 + 162 \\ 388 &:= 1^2 + 5^2 + 7^0 + 7^3 + 18^1 = 12 + 52 + 70 + 73 + 181 \end{aligned}$$

$$\begin{aligned} 388 &:= 1^2 + 6^2 + 7^1 + 7^3 + 17^0 = 12 + 62 + 71 + 73 + 170 \\ 388 &:= 1^3 + 2^0 + 6^3 + 13^2 + 16^0 = 13 + 20 + 63 + 132 + 160 \\ 388 &:= 1^3 + 3^0 + 6^3 + 13^2 + 15^0 = 13 + 30 + 63 + 132 + 150 \\ 388 &:= 1^3 + 4^0 + 6^3 + 13^2 + 14^0 = 13 + 40 + 63 + 132 + 140 \\ 388 &:= 1^3 + 4^2 + 5^0 + 9^1 + 19^2 = 13 + 42 + 50 + 91 + 192 \\ 388 &:= 1^3 + 5^0 + 6^3 + 13^0 + 13^2 = 13 + 50 + 63 + 130 + 132 \\ 388 &:= 1^3 + 6^0 + 6^3 + 12^0 + 13^2 = 13 + 60 + 63 + 120 + 132 \\ 388 &:= 1^3 + 6^3 + 7^0 + 11^0 + 13^2 = 13 + 63 + 70 + 110 + 132 \\ 388 &:= 1^3 + 6^3 + 8^0 + 10^0 + 13^2 = 13 + 63 + 80 + 100 + 132 \\ 388 &:= 1^3 + 6^3 + 9^0 + 9^0 + 13^2 = 13 + 63 + 90 + 90 + 132 \\ 388 &:= 1^4 + 1^9 + 6^3 + 13^2 + 16^0 = 14 + 19 + 63 + 132 + 160 \\ 388 &:= 1^4 + 2^8 + 3^4 + 7^2 + 24^0 = 14 + 28 + 34 + 72 + 240 \\ 388 &:= 1^5 + 1^8 + 6^3 + 13^2 + 16^0 = 15 + 18 + 63 + 132 + 160 \\ 388 &:= 1^5 + 2^7 + 3^5 + 15^1 + 16^0 = 15 + 27 + 35 + 151 + 160 \\ 388 &:= 1^6 + 1^7 + 6^3 + 13^2 + 16^0 = 16 + 17 + 63 + 132 + 160 \\ 388 &:= 1^6 + 2^8 + 3^2 + 11^2 + 20^0 = 16 + 28 + 32 + 112 + 200 \\ 388 &:= 1^6 + 2^8 + 5^1 + 5^3 + 24^0 = 16 + 28 + 51 + 53 + 240 \\ 388 &:= 1^6 + 2^8 + 7^2 + 9^2 + 18^0 = 16 + 28 + 72 + 92 + 180 \\ 388 &:= 1^7 + 2^8 + 9^1 + 11^2 + 14^0 = 17 + 28 + 91 + 112 + 140 \\ 388 &:= 1^8 + 2^1 + 2^7 + 16^0 + 16^2 = 18 + 21 + 27 + 160 + 162 \\ 388 &:= 1^8 + 2^4 + 3^3 + 7^3 + 24^0 = 18 + 24 + 33 + 73 + 240 \\ 388 &:= 1^8 + 2^4 + 3^4 + 14^0 + 17^2 = 18 + 24 + 34 + 140 + 172 \\ 388 &:= 1^8 + 3^4 + 4^4 + 7^2 + 22^0 = 18 + 34 + 44 + 72 + 220 \\ 388 &:= 1^9 + 2^5 + 7^3 + 11^1 + 16^0 = 19 + 25 + 73 + 111 + 160 \\ 388 &:= 1^9 + 3^5 + 5^3 + 10^0 + 18^1 = 19 + 35 + 53 + 100 + 181 \\ 388 &:= 2^0 + 2^4 + 3^2 + 12^0 + 19^2 = 20 + 24 + 32 + 120 + 192 \\ 388 &:= 2^0 + 2^4 + 8^0 + 9^2 + 17^2 = 20 + 24 + 80 + 92 + 172 \\ 388 &:= 2^0 + 3^2 + 4^4 + 11^2 + 18^0 = 20 + 32 + 44 + 112 + 180 \\ 388 &:= 2^0 + 3^3 + 4^2 + 7^3 + 22^0 = 20 + 33 + 42 + 73 + 220 \\ 388 &:= 2^0 + 3^4 + 4^2 + 12^0 + 17^2 = 20 + 34 + 42 + 120 + 172 \\ 388 &:= 2^0 + 3^4 + 7^2 + 10^0 + 16^2 = 20 + 34 + 72 + 100 + 162 \\ 388 &:= 2^0 + 4^4 + 5^1 + 5^3 + 22^0 = 20 + 44 + 51 + 53 + 220 \\ 388 &:= 2^0 + 4^4 + 7^2 + 9^2 + 16^0 = 20 + 44 + 72 + 92 + 160 \\ 388 &:= 2^1 + 2^2 + 3^2 + 12^1 + 19^2 = 21 + 22 + 32 + 121 + 192 \\ 388 &:= 2^1 + 2^2 + 5^3 + 13^0 + 16^2 = 21 + 22 + 53 + 130 + 162 \\ 388 &:= 2^1 + 2^2 + 7^2 + 9^1 + 18^2 = 21 + 22 + 72 + 91 + 182 \\ 388 &:= 2^1 + 2^3 + 4^2 + 11^0 + 19^2 = 21 + 23 + 42 + 110 + 192 \\ 388 &:= 2^1 + 2^3 + 7^0 + 11^2 + 16^2 = 21 + 23 + 70 + 112 + 162 \end{aligned}$$

$$\begin{aligned}
 388 &:= 2^1 + 2^4 + 7^0 + 8^1 + 19^2 = 21 + 24 + 70 + 81 + 192 \\
 388 &:= 2^1 + 3^2 + 7^1 + 9^2 + 17^2 = 21 + 32 + 71 + 92 + 172 \\
 388 &:= 2^1 + 3^3 + 7^3 + 11^0 + 15^1 = 21 + 33 + 73 + 110 + 151 \\
 388 &:= 2^1 + 4^1 + 6^2 + 11^2 + 15^2 = 21 + 41 + 62 + 112 + 152 \\
 388 &:= 2^1 + 4^2 + 5^1 + 13^2 + 14^2 = 21 + 42 + 51 + 132 + 142 \\
 388 &:= 2^1 + 4^4 + 8^1 + 11^2 + 13^0 = 21 + 44 + 81 + 112 + 130 \\
 388 &:= 2^1 + 5^1 + 5^2 + 10^2 + 16^2 = 21 + 51 + 52 + 102 + 162 \\
 388 &:= 2^1 + 5^2 + 6^3 + 12^2 + 13^0 = 21 + 52 + 63 + 122 + 130 \\
 388 &:= 2^1 + 5^3 + 8^2 + 9^0 + 14^2 = 21 + 53 + 82 + 90 + 142 \\
 388 &:= 2^2 + 3^1 + 3^2 + 11^1 + 19^2 = 22 + 31 + 32 + 111 + 192 \\
 388 &:= 2^2 + 3^1 + 7^2 + 8^1 + 18^2 = 22 + 31 + 72 + 81 + 182 \\
 388 &:= 2^2 + 3^2 + 4^1 + 10^1 + 19^2 = 22 + 32 + 41 + 101 + 192 \\
 388 &:= 2^2 + 3^2 + 5^1 + 9^1 + 19^2 = 22 + 32 + 51 + 91 + 192 \\
 388 &:= 2^2 + 3^2 + 6^1 + 8^1 + 19^2 = 22 + 32 + 61 + 81 + 192 \\
 388 &:= 2^2 + 3^2 + 7^1 + 7^1 + 19^2 = 22 + 32 + 71 + 71 + 192 \\
 388 &:= 2^2 + 4^1 + 6^2 + 7^3 + 19^0 = 22 + 41 + 62 + 73 + 190 \\
 388 &:= 2^2 + 4^1 + 7^1 + 7^2 + 18^2 = 22 + 41 + 71 + 72 + 182 \\
 388 &:= 2^2 + 5^1 + 6^1 + 7^2 + 18^2 = 22 + 51 + 61 + 72 + 182 \\
 388 &:= 2^2 + 5^2 + 7^3 + 9^0 + 15^1 = 22 + 52 + 73 + 90 + 151 \\
 388 &:= 2^3 + 3^2 + 5^0 + 9^1 + 19^2 = 23 + 32 + 50 + 91 + 192 \\
 388 &:= 2^3 + 5^0 + 6^1 + 7^2 + 18^2 = 23 + 50 + 61 + 72 + 182 \\
 388 &:= 2^4 + 2^6 + 3^5 + 4^3 + 26^0 = 24 + 26 + 35 + 43 + 260 \\
 388 &:= 2^4 + 3^0 + 3^2 + 11^0 + 19^2 = 24 + 30 + 32 + 110 + 192 \\
 388 &:= 2^4 + 3^0 + 7^0 + 9^2 + 17^2 = 24 + 30 + 70 + 92 + 172 \\
 388 &:= 2^4 + 3^1 + 7^0 + 7^1 + 19^2 = 24 + 31 + 70 + 71 + 192 \\
 388 &:= 2^4 + 3^2 + 4^0 + 10^0 + 19^2 = 24 + 32 + 40 + 100 + 192 \\
 388 &:= 2^4 + 3^2 + 5^0 + 9^0 + 19^2 = 24 + 32 + 50 + 90 + 192 \\
 388 &:= 2^4 + 3^2 + 6^0 + 8^0 + 19^2 = 24 + 32 + 60 + 80 + 192 \\
 388 &:= 2^4 + 3^2 + 7^0 + 7^0 + 19^2 = 24 + 32 + 70 + 70 + 192 \\
 388 &:= 2^4 + 4^0 + 6^0 + 9^2 + 17^2 = 24 + 40 + 60 + 92 + 172 \\
 388 &:= 2^4 + 4^1 + 6^1 + 7^0 + 19^2 = 24 + 41 + 61 + 70 + 192 \\
 388 &:= 2^4 + 5^0 + 5^0 + 9^2 + 17^2 = 24 + 50 + 50 + 92 + 172 \\
 388 &:= 2^4 + 5^1 + 5^1 + 7^0 + 19^2 = 24 + 51 + 51 + 70 + 192 \\
 388 &:= 2^5 + 2^8 + 3^4 + 12^0 + 18^1 = 25 + 28 + 34 + 120 + 181 \\
 388 &:= 2^6 + 2^6 + 3^5 + 14^0 + 16^1 = 26 + 26 + 35 + 140 + 161 \\
 388 &:= 2^6 + 2^8 + 3^1 + 4^3 + 26^0 = 26 + 28 + 31 + 43 + 260 \\
 388 &:= 2^7 + 2^7 + 5^3 + 6^1 + 22^0 = 27 + 27 + 53 + 61 + 220 \\
 388 &:= 3^0 + 3^2 + 4^4 + 11^2 + 17^0 = 30 + 32 + 44 + 112 + 170 \\
 388 &:= 3^0 + 3^3 + 4^2 + 7^3 + 21^0 = 30 + 33 + 42 + 73 + 210 \\
 388 &:= 3^0 + 3^3 + 7^1 + 8^2 + 17^2 = 30 + 33 + 71 + 82 + 172 \\
 388 &:= 3^0 + 3^4 + 4^2 + 11^0 + 17^2 = 30 + 34 + 42 + 110 + 172 \\
 388 &:= 3^0 + 3^4 + 7^2 + 9^0 + 16^2 = 30 + 34 + 72 + 90 + 162 \\
 388 &:= 3^0 + 4^2 + 5^2 + 11^2 + 15^2 = 30 + 42 + 52 + 112 + 152 \\
 388 &:= 3^0 + 4^3 + 5^2 + 9^1 + 17^2 = 30 + 43 + 52 + 91 + 172 \\
 388 &:= 3^0 + 4^3 + 6^1 + 11^2 + 14^2 = 30 + 43 + 61 + 112 + 142 \\
 388 &:= 3^0 + 4^4 + 5^1 + 5^3 + 21^0 = 30 + 44 + 51 + 53 + 210 \\
 388 &:= 3^0 + 4^4 + 7^2 + 9^2 + 15^0 = 30 + 44 + 72 + 92 + 150 \\
 388 &:= 3^0 + 5^2 + 5^2 + 9^2 + 16^2 = 30 + 52 + 52 + 92 + 162 \\
 388 &:= 3^1 + 3^1 + 6^2 + 11^2 + 15^2 = 31 + 31 + 62 + 112 + 152 \\
 388 &:= 3^1 + 3^2 + 6^1 + 9^2 + 17^2 = 31 + 32 + 61 + 92 + 172 \\
 388 &:= 3^1 + 3^3 + 7^3 + 11^0 + 14^1 = 31 + 33 + 73 + 110 + 141 \\
 388 &:= 3^1 + 4^1 + 4^2 + 13^2 + 14^2 = 31 + 41 + 42 + 132 + 142 \\
 388 &:= 3^1 + 4^1 + 5^2 + 10^2 + 16^2 = 31 + 41 + 52 + 102 + 162 \\
 388 &:= 3^1 + 4^2 + 5^2 + 7^3 + 19^0 = 31 + 42 + 52 + 73 + 190 \\
 388 &:= 3^1 + 4^3 + 7^0 + 8^2 + 16^2 = 31 + 43 + 70 + 82 + 162 \\
 388 &:= 3^1 + 4^4 + 7^1 + 11^2 + 13^0 = 31 + 44 + 71 + 112 + 130 \\
 388 &:= 3^2 + 3^2 + 5^0 + 12^2 + 15^2 = 32 + 32 + 50 + 122 + 152 \\
 388 &:= 3^2 + 4^0 + 4^4 + 11^2 + 16^0 = 32 + 40 + 44 + 112 + 160 \\
 388 &:= 3^2 + 4^1 + 5^1 + 9^2 + 17^2 = 32 + 41 + 51 + 92 + 172 \\
 388 &:= 3^2 + 4^2 + 5^0 + 7^3 + 19^1 = 32 + 42 + 50 + 73 + 191 \\
 388 &:= 3^2 + 4^4 + 10^0 + 10^0 + 11^2 = 32 + 44 + 100 + 100 + 112 \\
 388 &:= 3^2 + 4^4 + 5^0 + 11^2 + 15^0 = 32 + 44 + 50 + 112 + 150 \\
 388 &:= 3^2 + 4^4 + 6^0 + 11^2 + 14^0 = 32 + 44 + 60 + 112 + 140 \\
 388 &:= 3^2 + 4^4 + 7^0 + 11^2 + 13^0 = 32 + 44 + 70 + 112 + 130 \\
 388 &:= 3^2 + 4^4 + 8^0 + 11^2 + 12^0 = 32 + 44 + 80 + 112 + 120 \\
 388 &:= 3^2 + 4^4 + 9^0 + 11^0 + 11^2 = 32 + 44 + 90 + 110 + 112 \\
 388 &:= 3^2 + 5^0 + 5^2 + 8^2 + 17^2 = 32 + 50 + 52 + 82 + 172 \\
 388 &:= 3^2 + 5^2 + 7^3 + 10^1 + 13^0 = 32 + 52 + 73 + 101 + 130 \\
 388 &:= 3^3 + 4^0 + 4^2 + 7^3 + 20^0 = 33 + 40 + 42 + 73 + 200 \\
 388 &:= 3^3 + 4^1 + 5^0 + 10^2 + 16^2 = 33 + 41 + 50 + 102 + 162 \\
 388 &:= 3^3 + 4^1 + 7^3 + 11^0 + 13^1 = 33 + 41 + 73 + 110 + 131 \\
 388 &:= 3^3 + 4^2 + 5^0 + 7^3 + 19^0 = 33 + 42 + 50 + 73 + 190 \\
 388 &:= 3^3 + 4^2 + 6^0 + 7^3 + 18^0 = 33 + 42 + 60 + 73 + 180 \\
 388 &:= 3^3 + 4^2 + 7^0 + 7^3 + 17^0 = 33 + 42 + 70 + 73 + 170 \\
 388 &:= 3^3 + 4^2 + 7^3 + 10^0 + 14^0 = 33 + 42 + 73 + 100 + 140 \\
 388 &:= 3^3 + 4^2 + 7^3 + 11^0 + 13^0 = 33 + 42 + 73 + 110 + 130
 \end{aligned}$$

$$\begin{aligned}
 388 &:= 3^3 + 4^2 + 7^3 + 12^0 + 12^0 = 33 + 42 + 73 + 120 + 120 \\
 388 &:= 3^3 + 4^2 + 7^3 + 8^0 + 16^0 = 33 + 42 + 73 + 80 + 160 \\
 388 &:= 3^3 + 4^2 + 7^3 + 9^0 + 15^0 = 33 + 42 + 73 + 90 + 150 \\
 388 &:= 3^3 + 5^1 + 7^3 + 11^0 + 12^1 = 33 + 51 + 73 + 110 + 121 \\
 388 &:= 3^3 + 6^1 + 7^3 + 11^0 + 11^1 = 33 + 61 + 73 + 110 + 111 \\
 388 &:= 3^3 + 7^1 + 7^3 + 10^1 + 11^0 = 33 + 71 + 73 + 101 + 110 \\
 388 &:= 3^3 + 7^3 + 8^1 + 9^1 + 11^0 = 33 + 73 + 81 + 91 + 110 \\
 388 &:= 3^4 + 4^0 + 4^2 + 10^0 + 17^2 = 34 + 40 + 42 + 100 + 172 \\
 388 &:= 3^4 + 4^0 + 7^2 + 8^0 + 16^2 = 34 + 40 + 72 + 80 + 162 \\
 388 &:= 3^4 + 4^2 + 5^0 + 9^0 + 17^2 = 34 + 42 + 50 + 90 + 172 \\
 388 &:= 3^4 + 4^2 + 6^0 + 8^0 + 17^2 = 34 + 42 + 60 + 80 + 172 \\
 388 &:= 3^4 + 4^2 + 7^0 + 7^0 + 17^2 = 34 + 42 + 70 + 70 + 172 \\
 388 &:= 3^4 + 5^0 + 7^0 + 7^2 + 16^2 = 34 + 50 + 70 + 72 + 162 \\
 388 &:= 3^4 + 6^0 + 6^0 + 7^2 + 16^2 = 34 + 60 + 60 + 72 + 162 \\
 388 &:= 4^0 + 4^4 + 5^1 + 5^3 + 20^0 = 40 + 44 + 51 + 53 + 200 \\
 388 &:= 4^0 + 4^4 + 7^2 + 9^2 + 14^0 = 40 + 44 + 72 + 92 + 140 \\
 388 &:= 4^1 + 4^4 + 6^1 + 11^2 + 13^0 = 41 + 44 + 61 + 112 + 130 \\
 388 &:= 4^2 + 4^2 + 7^3 + 11^0 + 12^1 = 42 + 42 + 73 + 110 + 121
 \end{aligned}$$

$$\begin{aligned}
 388 &:= 4^2 + 5^0 + 6^3 + 11^1 + 12^2 = 42 + 50 + 63 + 111 + 122 \\
 388 &:= 4^4 + 5^0 + 5^1 + 5^3 + 19^0 = 44 + 50 + 51 + 53 + 190 \\
 388 &:= 4^4 + 5^0 + 7^2 + 9^2 + 13^0 = 44 + 50 + 72 + 92 + 130 \\
 388 &:= 4^4 + 5^1 + 5^1 + 11^2 + 13^0 = 44 + 51 + 51 + 112 + 130 \\
 388 &:= 4^4 + 5^1 + 5^3 + 10^0 + 14^0 = 44 + 51 + 53 + 100 + 140 \\
 388 &:= 4^4 + 5^1 + 5^3 + 11^0 + 13^0 = 44 + 51 + 53 + 110 + 130 \\
 388 &:= 4^4 + 5^1 + 5^3 + 12^0 + 12^0 = 44 + 51 + 53 + 120 + 120 \\
 388 &:= 4^4 + 5^1 + 5^3 + 6^0 + 18^0 = 44 + 51 + 53 + 60 + 180 \\
 388 &:= 4^4 + 5^1 + 5^3 + 7^0 + 17^0 = 44 + 51 + 53 + 70 + 170 \\
 388 &:= 4^4 + 5^1 + 5^3 + 8^0 + 16^0 = 44 + 51 + 53 + 80 + 160 \\
 388 &:= 4^4 + 5^1 + 5^3 + 9^0 + 15^0 = 44 + 51 + 53 + 90 + 150 \\
 388 &:= 4^4 + 6^0 + 7^2 + 9^2 + 12^0 = 44 + 60 + 72 + 92 + 120 \\
 388 &:= 4^4 + 7^0 + 7^2 + 9^2 + 11^0 = 44 + 70 + 72 + 92 + 110 \\
 388 &:= 4^4 + 7^2 + 8^0 + 9^2 + 10^0 = 44 + 72 + 80 + 92 + 100 \\
 388 &:= 4^4 + 7^2 + 9^0 + 9^0 + 9^2 = 44 + 72 + 90 + 90 + 92 \\
 388 &:= 5^0 + 6^3 + 9^1 + 9^2 + 9^2 = 50 + 63 + 91 + 92 + 92 \\
 388 &:= 6^3 + 7^0 + 7^1 + 8^2 + 10^2 = 63 + 70 + 71 + 82 + 102
 \end{aligned}$$

2.2.290 Number 389

$$\begin{aligned}
 389 &:= 1^2 + 3^5 + 12^2 + 22^0 = 12 + 35 + 122 + 220 \\
 389 &:= 2^5 + 10^0 + 10^2 + 16^2 = 25 + 100 + 102 + 162 \\
 389 &:= 2^5 + 7^3 + 13^1 + 16^0 = 25 + 73 + 131 + 160 \\
 389 &:= 3^5 + 5^3 + 10^0 + 20^1 = 35 + 53 + 100 + 201 \\
 389 &:= 3^5 + 8^2 + 9^2 + 18^0 = 35 + 82 + 92 + 180 \\
 389 &:= 1^0 + 1^5 + 5^2 + 12^0 + 19^2 = 10 + 15 + 52 + 120 + 192 \\
 389 &:= 1^0 + 2^5 + 7^3 + 12^1 + 16^0 = 10 + 25 + 73 + 121 + 160 \\
 389 &:= 1^0 + 3^5 + 5^3 + 10^0 + 19^1 = 10 + 35 + 53 + 100 + 191 \\
 389 &:= 1^1 + 1^4 + 5^2 + 12^0 + 19^2 = 11 + 14 + 52 + 120 + 192 \\
 389 &:= 1^1 + 2^3 + 6^2 + 7^3 + 22^0 = 11 + 23 + 62 + 73 + 220 \\
 389 &:= 1^1 + 3^3 + 6^3 + 12^2 + 16^0 = 11 + 33 + 63 + 122 + 160 \\
 389 &:= 1^1 + 3^4 + 9^2 + 10^0 + 15^2 = 11 + 34 + 92 + 100 + 152 \\
 389 &:= 1^1 + 4^4 + 5^3 + 6^1 + 22^0 = 11 + 44 + 53 + 61 + 220 \\
 389 &:= 1^2 + 1^3 + 5^2 + 12^0 + 19^2 = 12 + 13 + 52 + 120 + 192 \\
 389 &:= 1^2 + 2^4 + 6^0 + 10^1 + 19^2 = 12 + 24 + 60 + 101 + 192 \\
 389 &:= 1^2 + 3^3 + 6^2 + 10^0 + 18^2 = 12 + 33 + 62 + 100 + 182 \\
 389 &:= 1^2 + 3^3 + 7^3 + 10^0 + 17^1 = 12 + 33 + 73 + 100 + 171
 \end{aligned}$$

$$\begin{aligned}
 389 &:= 1^2 + 4^4 + 10^1 + 11^2 + 12^0 = 12 + 44 + 101 + 112 + 120 \\
 389 &:= 1^3 + 2^1 + 6^3 + 13^2 + 16^0 = 13 + 21 + 63 + 132 + 160 \\
 389 &:= 1^3 + 4^0 + 7^2 + 13^2 + 13^2 = 13 + 40 + 72 + 132 + 132 \\
 389 &:= 1^3 + 4^0 + 9^2 + 9^2 + 15^2 = 13 + 40 + 92 + 92 + 152 \\
 389 &:= 1^3 + 5^2 + 6^0 + 7^3 + 19^1 = 13 + 52 + 60 + 73 + 191 \\
 389 &:= 1^3 + 5^3 + 6^1 + 10^0 + 16^2 = 13 + 53 + 61 + 100 + 162 \\
 389 &:= 1^3 + 6^0 + 7^2 + 7^2 + 17^2 = 13 + 60 + 72 + 72 + 172 \\
 389 &:= 1^3 + 6^2 + 7^3 + 8^1 + 16^0 = 13 + 62 + 73 + 81 + 160 \\
 389 &:= 1^4 + 2^8 + 3^4 + 5^2 + 26^1 = 14 + 28 + 34 + 52 + 261 \\
 389 &:= 1^4 + 4^0 + 4^2 + 10^1 + 19^2 = 14 + 40 + 42 + 101 + 192 \\
 389 &:= 1^5 + 2^0 + 5^2 + 11^0 + 19^2 = 15 + 20 + 52 + 110 + 192 \\
 389 &:= 1^5 + 2^7 + 3^5 + 4^2 + 27^0 = 15 + 27 + 35 + 42 + 270 \\
 389 &:= 1^5 + 3^0 + 5^2 + 10^0 + 19^2 = 15 + 30 + 52 + 100 + 192 \\
 389 &:= 1^5 + 4^0 + 5^2 + 9^0 + 19^2 = 15 + 40 + 52 + 90 + 192 \\
 389 &:= 1^5 + 5^0 + 5^2 + 8^0 + 19^2 = 15 + 50 + 52 + 80 + 192 \\
 389 &:= 1^5 + 5^2 + 6^0 + 7^0 + 19^2 = 15 + 52 + 60 + 70 + 192 \\
 389 &:= 1^6 + 1^9 + 5^2 + 11^0 + 19^2 = 16 + 19 + 52 + 110 + 192
 \end{aligned}$$

$$\begin{aligned} 389 &:= 1^6 + 2^7 + 3^5 + 15^0 + 16^1 = 16 + 27 + 35 + 150 + 161 \\ 389 &:= 1^6 + 2^8 + 7^2 + 8^2 + 19^1 = 16 + 28 + 72 + 82 + 191 \\ 389 &:= 1^7 + 1^8 + 5^2 + 11^0 + 19^2 = 17 + 18 + 52 + 110 + 192 \\ 389 &:= 1^7 + 2^7 + 3^1 + 4^4 + 27^0 = 17 + 27 + 31 + 44 + 270 \\ 389 &:= 1^7 + 2^8 + 5^3 + 6^1 + 23^0 = 17 + 28 + 53 + 61 + 230 \\ 389 &:= 1^8 + 2^8 + 10^1 + 11^2 + 13^0 = 18 + 28 + 101 + 112 + 130 \\ 389 &:= 1^9 + 2^2 + 2^4 + 7^3 + 25^1 = 19 + 22 + 24 + 73 + 251 \\ 389 &:= 1^9 + 2^2 + 3^5 + 11^2 + 20^1 = 19 + 22 + 35 + 112 + 201 \\ 389 &:= 1^9 + 2^7 + 3^1 + 15^0 + 16^2 = 19 + 27 + 31 + 150 + 162 \\ 389 &:= 1^9 + 3^4 + 3^4 + 15^0 + 15^2 = 19 + 34 + 34 + 150 + 152 \\ 389 &:= 1^9 + 3^5 + 8^2 + 8^2 + 17^1 = 19 + 35 + 82 + 82 + 171 \\ 389 &:= 2^0 + 2^2 + 3^4 + 14^1 + 17^2 = 20 + 22 + 34 + 141 + 172 \\ 389 &:= 2^0 + 2^4 + 7^1 + 13^2 + 14^2 = 20 + 24 + 71 + 132 + 142 \\ 389 &:= 2^0 + 2^5 + 7^3 + 12^1 + 15^0 = 20 + 25 + 73 + 121 + 150 \\ 389 &:= 2^0 + 3^5 + 5^3 + 9^0 + 19^1 = 20 + 35 + 53 + 90 + 191 \\ 389 &:= 2^1 + 2^4 + 3^2 + 12^0 + 19^2 = 21 + 24 + 32 + 120 + 192 \\ 389 &:= 2^1 + 2^4 + 8^0 + 9^2 + 17^2 = 21 + 24 + 80 + 92 + 172 \\ 389 &:= 2^1 + 3^2 + 4^4 + 11^2 + 18^0 = 21 + 32 + 44 + 112 + 180 \\ 389 &:= 2^1 + 3^3 + 4^2 + 7^3 + 22^0 = 21 + 33 + 42 + 73 + 220 \\ 389 &:= 2^1 + 3^4 + 4^2 + 12^0 + 17^2 = 21 + 34 + 42 + 120 + 172 \\ 389 &:= 2^1 + 3^4 + 7^2 + 10^0 + 16^2 = 21 + 34 + 72 + 100 + 162 \\ 389 &:= 2^1 + 4^4 + 5^1 + 5^3 + 22^0 = 21 + 44 + 51 + 53 + 220 \\ 389 &:= 2^1 + 4^4 + 7^2 + 9^2 + 16^0 = 21 + 44 + 72 + 92 + 160 \\ 389 &:= 2^2 + 2^4 + 7^1 + 8^0 + 19^2 = 22 + 24 + 71 + 80 + 192 \\ 389 &:= 2^2 + 2^6 + 2^8 + 4^3 + 27^0 = 22 + 26 + 28 + 43 + 270 \\ 389 &:= 2^2 + 3^3 + 7^3 + 12^0 + 14^1 = 22 + 33 + 73 + 120 + 141 \\ 389 &:= 2^2 + 4^2 + 5^2 + 7^3 + 20^0 = 22 + 42 + 52 + 73 + 200 \\ 389 &:= 2^2 + 4^3 + 8^0 + 8^2 + 16^2 = 22 + 43 + 80 + 82 + 162 \\ 389 &:= 2^2 + 4^4 + 7^1 + 11^2 + 14^0 = 22 + 44 + 71 + 112 + 140 \\ 389 &:= 2^3 + 2^3 + 4^0 + 11^1 + 19^2 = 23 + 23 + 40 + 111 + 192 \\ 389 &:= 2^3 + 4^0 + 4^2 + 7^3 + 21^1 = 23 + 40 + 42 + 73 + 211 \\ 389 &:= 2^3 + 5^2 + 7^3 + 12^0 + 12^1 = 23 + 52 + 73 + 120 + 121 \\ 389 &:= 2^4 + 2^5 + 2^7 + 14^2 + 17^1 = 24 + 25 + 27 + 142 + 171 \\ 389 &:= 2^4 + 2^8 + 3^2 + 3^4 + 27^1 = 24 + 28 + 32 + 34 + 271 \\ 389 &:= 2^4 + 2^8 + 3^3 + 4^3 + 26^1 = 24 + 28 + 33 + 43 + 261 \end{aligned}$$

$$\begin{aligned} 389 &:= 2^4 + 3^1 + 6^0 + 12^2 + 15^2 = 24 + 31 + 60 + 122 + 152 \\ 389 &:= 2^5 + 2^5 + 2^7 + 14^2 + 17^0 = 25 + 25 + 27 + 142 + 170 \\ 389 &:= 2^5 + 2^5 + 3^4 + 3^5 + 27^0 = 25 + 25 + 34 + 35 + 270 \\ 389 &:= 2^5 + 2^6 + 3^5 + 5^2 + 25^1 = 25 + 26 + 35 + 52 + 251 \\ 389 &:= 2^5 + 3^0 + 7^3 + 12^1 + 14^0 = 25 + 30 + 73 + 121 + 140 \\ 389 &:= 2^5 + 4^0 + 7^3 + 12^1 + 13^0 = 25 + 40 + 73 + 121 + 130 \\ 389 &:= 2^5 + 5^0 + 7^3 + 12^0 + 12^1 = 25 + 50 + 73 + 120 + 121 \\ 389 &:= 2^5 + 6^0 + 7^3 + 11^0 + 12^1 = 25 + 60 + 73 + 110 + 121 \\ 389 &:= 2^5 + 7^0 + 7^3 + 10^0 + 12^1 = 25 + 70 + 73 + 100 + 121 \\ 389 &:= 2^5 + 7^3 + 8^0 + 9^0 + 12^1 = 25 + 73 + 80 + 90 + 121 \\ 389 &:= 2^6 + 2^8 + 3^2 + 6^2 + 24^1 = 26 + 28 + 32 + 62 + 241 \\ 389 &:= 3^0 + 3^5 + 5^3 + 8^0 + 19^1 = 30 + 35 + 53 + 80 + 191 \\ 389 &:= 3^1 + 4^1 + 4^4 + 5^3 + 22^0 = 31 + 41 + 44 + 53 + 220 \\ 389 &:= 3^1 + 4^3 + 5^3 + 12^0 + 14^2 = 31 + 43 + 53 + 120 + 142 \\ 389 &:= 3^2 + 3^3 + 7^3 + 9^1 + 16^0 = 32 + 33 + 73 + 91 + 160 \\ 389 &:= 3^2 + 3^4 + 6^0 + 9^1 + 17^2 = 32 + 34 + 60 + 91 + 172 \\ 389 &:= 3^3 + 3^3 + 4^0 + 10^1 + 18^2 = 33 + 33 + 40 + 101 + 182 \\ 389 &:= 3^3 + 4^0 + 5^3 + 11^1 + 15^2 = 33 + 40 + 53 + 111 + 152 \\ 389 &:= 3^3 + 4^0 + 6^2 + 10^2 + 15^2 = 33 + 40 + 62 + 102 + 152 \\ 389 &:= 3^3 + 4^3 + 6^0 + 8^1 + 17^2 = 33 + 43 + 60 + 81 + 172 \\ 389 &:= 3^3 + 6^0 + 6^2 + 6^2 + 17^2 = 33 + 60 + 62 + 62 + 172 \\ 389 &:= 3^5 + 4^0 + 5^3 + 7^0 + 19^1 = 35 + 40 + 53 + 70 + 191 \\ 389 &:= 3^5 + 5^0 + 5^3 + 6^0 + 19^1 = 35 + 50 + 53 + 60 + 191 \\ 389 &:= 4^0 + 4^2 + 4^4 + 10^2 + 16^1 = 40 + 42 + 44 + 102 + 161 \\ 389 &:= 4^0 + 4^3 + 6^2 + 12^2 + 12^2 = 40 + 43 + 62 + 122 + 122 \\ 389 &:= 4^0 + 4^3 + 8^2 + 8^2 + 14^2 = 40 + 43 + 82 + 82 + 142 \\ 389 &:= 4^0 + 4^4 + 6^2 + 9^2 + 15^1 = 40 + 44 + 62 + 92 + 151 \\ 389 &:= 4^1 + 4^3 + 4^3 + 10^0 + 16^2 = 41 + 43 + 43 + 100 + 162 \\ 389 &:= 4^1 + 4^4 + 8^2 + 8^2 + 14^0 = 41 + 44 + 82 + 82 + 140 \\ 389 &:= 4^3 + 6^3 + 8^1 + 10^0 + 10^2 = 43 + 63 + 81 + 100 + 102 \\ 389 &:= 4^4 + 5^2 + 7^1 + 10^2 + 12^0 = 44 + 52 + 71 + 102 + 120 \\ 389 &:= 5^3 + 6^2 + 6^3 + 10^0 + 11^1 = 53 + 62 + 63 + 100 + 111 \\ 389 &:= 6^2 + 6^2 + 6^3 + 10^0 + 10^2 = 62 + 62 + 63 + 100 + 102 \end{aligned}$$

2.2.291 Number 390

$$\begin{aligned}
 390 &:= 1^2 + 2^6 + 17^0 + 18^2 &= 12 + 26 + 170 + 182 & 390 &:= 1^3 + 3^5 + 11^0 + 11^0 + 12^2 = 13 + 35 + 110 + 110 + 122 \\
 390 &:= 1^5 + 3^3 + 15^0 + 19^2 &= 15 + 33 + 150 + 192 & 390 &:= 1^3 + 3^5 + 4^0 + 12^2 + 18^0 = 13 + 35 + 40 + 122 + 180 \\
 390 &:= 1^5 + 4^3 + 15^0 + 18^2 &= 15 + 43 + 150 + 182 & 390 &:= 1^3 + 3^5 + 5^0 + 12^2 + 17^0 = 13 + 35 + 50 + 122 + 170 \\
 390 &:= 1^6 + 8^2 + 11^0 + 18^2 &= 16 + 82 + 110 + 182 & 390 &:= 1^3 + 3^5 + 6^0 + 12^2 + 16^0 = 13 + 35 + 60 + 122 + 160 \\
 390 &:= 2^2 + 2^4 + 7^3 + 27^1 &= 22 + 24 + 73 + 271 & 390 &:= 1^3 + 3^5 + 7^0 + 12^2 + 15^0 = 13 + 35 + 70 + 122 + 150 \\
 390 &:= 2^2 + 3^5 + 11^2 + 22^1 &= 22 + 35 + 112 + 221 & 390 &:= 1^3 + 3^5 + 8^0 + 12^2 + 14^0 = 13 + 35 + 80 + 122 + 140 \\
 390 &:= 2^3 + 4^4 + 5^3 + 27^0 &= 23 + 44 + 53 + 270 & 390 &:= 1^3 + 3^5 + 9^0 + 12^2 + 13^0 = 13 + 35 + 90 + 122 + 130 \\
 390 &:= 2^6 + 10^2 + 11^0 + 15^2 &= 26 + 102 + 110 + 152 & 390 &:= 1^3 + 4^4 + 11^0 + 11^1 + 11^2 = 13 + 44 + 110 + 111 + 112 \\
 390 &:= 2^6 + 6^2 + 13^0 + 17^2 &= 26 + 62 + 130 + 172 & 390 &:= 1^3 + 5^1 + 8^2 + 8^2 + 16^2 = 13 + 51 + 82 + 82 + 162 \\
 390 &:= 2^7 + 5^1 + 15^0 + 16^2 &= 27 + 51 + 150 + 162 & 390 &:= 1^4 + 1^9 + 3^5 + 12^2 + 20^0 = 14 + 19 + 35 + 122 + 200 \\
 390 &:= 3^5 + 8^2 + 8^2 + 19^1 &= 35 + 82 + 82 + 191 & 390 &:= 1^4 + 3^0 + 10^2 + 12^2 + 12^2 = 14 + 30 + 102 + 122 + 122 \\
 390 &:= 1^0 + 1^3 + 3^5 + 12^2 + 21^0 &= 10 + 13 + 35 + 122 + 210 & 390 &:= 1^4 + 3^1 + 6^3 + 13^2 + 15^0 = 14 + 31 + 63 + 132 + 150 \\
 390 &:= 1^0 + 2^2 + 2^4 + 7^3 + 26^1 &= 10 + 22 + 24 + 73 + 261 & 390 &:= 1^4 + 5^0 + 5^2 + 7^3 + 20^1 = 14 + 50 + 52 + 73 + 201 \\
 390 &:= 1^0 + 2^2 + 3^5 + 11^2 + 21^1 &= 10 + 22 + 35 + 112 + 211 & 390 &:= 1^4 + 5^3 + 7^1 + 9^0 + 16^2 = 14 + 53 + 71 + 90 + 162 \\
 390 &:= 1^0 + 2^7 + 4^1 + 15^0 + 16^2 &= 10 + 27 + 41 + 150 + 162 & 390 &:= 1^4 + 6^2 + 7^3 + 9^1 + 15^0 = 14 + 62 + 73 + 91 + 150 \\
 390 &:= 1^0 + 3^5 + 4^3 + 9^2 + 21^0 &= 10 + 35 + 43 + 92 + 210 & 390 &:= 1^5 + 1^8 + 3^5 + 12^2 + 20^0 = 15 + 18 + 35 + 122 + 200 \\
 390 &:= 1^0 + 3^5 + 8^2 + 8^2 + 18^1 &= 10 + 35 + 82 + 82 + 181 & 390 &:= 1^5 + 2^1 + 5^2 + 11^0 + 19^2 = 15 + 21 + 52 + 110 + 192 \\
 390 &:= 1^1 + 1^2 + 3^5 + 12^2 + 21^0 &= 11 + 12 + 35 + 122 + 210 & 390 &:= 1^5 + 2^5 + 2^8 + 10^2 + 22^0 = 15 + 25 + 28 + 102 + 220 \\
 390 &:= 1^1 + 2^2 + 3^4 + 15^1 + 17^2 &= 11 + 22 + 34 + 151 + 172 & 390 &:= 1^5 + 2^6 + 2^7 + 14^2 + 18^0 = 15 + 26 + 27 + 142 + 180 \\
 390 &:= 1^1 + 2^4 + 8^1 + 13^2 + 14^2 &= 11 + 24 + 81 + 132 + 142 & 390 &:= 1^5 + 3^0 + 4^2 + 11^1 + 19^2 = 15 + 30 + 42 + 111 + 192 \\
 390 &:= 1^1 + 2^5 + 7^3 + 13^1 + 15^0 &= 11 + 25 + 73 + 131 + 150 & 390 &:= 1^6 + 1^7 + 3^5 + 12^2 + 20^0 = 16 + 17 + 35 + 122 + 200 \\
 390 &:= 1^1 + 2^5 + 9^0 + 10^2 + 16^2 &= 11 + 25 + 90 + 102 + 162 & 390 &:= 1^7 + 2^6 + 3^5 + 9^2 + 22^0 = 17 + 26 + 35 + 92 + 220 \\
 390 &:= 1^1 + 3^5 + 5^3 + 9^0 + 20^1 &= 11 + 35 + 53 + 90 + 201 & 390 &:= 1^7 + 2^7 + 3^5 + 14^0 + 17^1 = 17 + 27 + 35 + 140 + 171 \\
 390 &:= 1^1 + 3^5 + 8^2 + 9^2 + 17^0 &= 11 + 35 + 82 + 92 + 170 & 390 &:= 1^8 + 2^5 + 2^5 + 14^0 + 18^2 = 18 + 25 + 25 + 140 + 182 \\
 390 &:= 1^2 + 3^3 + 8^2 + 9^1 + 17^2 &= 12 + 33 + 82 + 91 + 172 & 390 &:= 1^8 + 2^7 + 4^1 + 4^4 + 26^0 = 18 + 27 + 41 + 44 + 260 \\
 390 &:= 1^2 + 4^3 + 5^2 + 11^1 + 17^2 &= 12 + 43 + 52 + 111 + 172 & 390 &:= 1^8 + 2^7 + 4^3 + 14^2 + 16^0 = 18 + 27 + 43 + 142 + 160 \\
 390 &:= 1^2 + 4^3 + 8^1 + 11^2 + 14^2 &= 12 + 43 + 81 + 112 + 142 & 390 &:= 1^8 + 2^8 + 5^3 + 7^1 + 22^0 = 18 + 28 + 53 + 71 + 220 \\
 390 &:= 1^2 + 4^4 + 5^3 + 7^1 + 21^0 &= 12 + 44 + 53 + 71 + 210 & 390 &:= 1^8 + 3^4 + 3^5 + 4^3 + 26^0 = 18 + 34 + 35 + 43 + 260 \\
 390 &:= 1^2 + 6^2 + 6^2 + 11^2 + 14^2 &= 12 + 62 + 62 + 112 + 142 & 390 &:= 1^9 + 2^2 + 2^7 + 16^0 + 16^2 = 19 + 22 + 27 + 160 + 162 \\
 390 &:= 1^2 + 6^2 + 8^2 + 8^2 + 15^2 &= 12 + 62 + 82 + 82 + 152 & 390 &:= 1^9 + 2^5 + 4^4 + 10^2 + 20^0 = 19 + 25 + 44 + 102 + 200 \\
 390 &:= 1^3 + 2^0 + 3^5 + 12^2 + 20^0 &= 13 + 20 + 35 + 122 + 200 & 390 &:= 1^9 + 2^7 + 8^2 + 12^0 + 14^2 = 19 + 27 + 82 + 120 + 142 \\
 390 &:= 1^3 + 2^2 + 8^1 + 11^2 + 16^2 &= 13 + 22 + 81 + 112 + 162 & 390 &:= 1^9 + 2^8 + 11^1 + 11^2 + 12^0 = 19 + 28 + 111 + 112 + 120 \\
 390 &:= 1^3 + 2^4 + 5^0 + 11^1 + 19^2 &= 13 + 24 + 50 + 111 + 192 & 390 &:= 1^9 + 3^4 + 3^5 + 8^2 + 22^0 = 19 + 34 + 35 + 82 + 220 \\
 390 &:= 1^3 + 3^0 + 3^5 + 12^2 + 19^0 &= 13 + 30 + 35 + 122 + 190 & 390 &:= 2^0 + 2^7 + 4^1 + 14^0 + 16^2 = 20 + 27 + 41 + 140 + 162 \\
 390 &:= 1^3 + 3^1 + 11^2 + 11^2 + 12^2 &= 13 + 31 + 112 + 112 + 122 & 390 &:= 2^0 + 3^5 + 4^3 + 9^2 + 20^0 = 20 + 35 + 43 + 92 + 200 \\
 390 &:= 1^3 + 3^2 + 6^2 + 7^3 + 21^0 &= 13 + 32 + 62 + 73 + 210 & 390 &:= 2^1 + 2^2 + 3^4 + 14^1 + 17^2 = 21 + 22 + 34 + 141 + 172 \\
 390 &:= 1^3 + 3^3 + 7^3 + 9^0 + 18^1 &= 13 + 33 + 73 + 90 + 181 & 390 &:= 2^1 + 2^4 + 7^1 + 13^2 + 14^2 = 21 + 24 + 71 + 132 + 142 \\
 390 &:= 1^3 + 3^5 + 10^0 + 12^0 + 12^2 &= 13 + 35 + 100 + 120 + 122 & 390 &:= 2^1 + 2^5 + 7^3 + 12^1 + 15^0 = 21 + 25 + 73 + 121 + 150
 \end{aligned}$$

$$\begin{aligned}
 390 &:= 2^1 + 3^5 + 5^3 + 9^0 + 19^1 = 21 + 35 + 53 + 90 + 191 \\
 390 &:= 2^2 + 2^2 + 2^3 + 13^1 + 19^2 = 22 + 22 + 23 + 131 + 192 \\
 390 &:= 2^2 + 2^2 + 4^2 + 7^3 + 23^1 = 22 + 22 + 42 + 73 + 231 \\
 390 &:= 2^2 + 2^3 + 8^1 + 9^2 + 17^2 = 22 + 23 + 81 + 92 + 172 \\
 390 &:= 2^2 + 2^4 + 7^0 + 12^2 + 15^2 = 22 + 24 + 70 + 122 + 152 \\
 390 &:= 2^2 + 3^1 + 3^4 + 13^1 + 17^2 = 22 + 31 + 34 + 131 + 172 \\
 390 &:= 2^2 + 3^2 + 8^2 + 12^2 + 13^2 = 22 + 32 + 82 + 122 + 132 \\
 390 &:= 2^2 + 3^2 + 9^2 + 10^2 + 14^2 = 22 + 32 + 92 + 102 + 142 \\
 390 &:= 2^2 + 3^3 + 5^2 + 10^1 + 18^2 = 22 + 33 + 52 + 101 + 182 \\
 390 &:= 2^2 + 3^4 + 4^1 + 12^1 + 17^2 = 22 + 34 + 41 + 121 + 172 \\
 390 &:= 2^2 + 3^4 + 5^1 + 11^1 + 17^2 = 22 + 34 + 51 + 111 + 172 \\
 390 &:= 2^2 + 3^4 + 6^1 + 10^1 + 17^2 = 22 + 34 + 61 + 101 + 172 \\
 390 &:= 2^2 + 3^4 + 7^1 + 9^1 + 17^2 = 22 + 34 + 71 + 91 + 172 \\
 390 &:= 2^2 + 3^4 + 8^1 + 8^1 + 17^2 = 22 + 34 + 81 + 81 + 172 \\
 390 &:= 2^2 + 4^1 + 4^4 + 5^3 + 23^0 = 22 + 41 + 44 + 53 + 230 \\
 390 &:= 2^2 + 4^2 + 8^2 + 9^2 + 15^2 = 22 + 42 + 82 + 92 + 152 \\
 390 &:= 2^2 + 4^3 + 5^3 + 13^0 + 14^2 = 22 + 43 + 53 + 130 + 142 \\
 390 &:= 2^2 + 5^2 + 5^3 + 11^1 + 15^2 = 22 + 52 + 53 + 111 + 152 \\
 390 &:= 2^2 + 5^2 + 6^2 + 10^2 + 15^2 = 22 + 52 + 62 + 102 + 152 \\
 390 &:= 2^2 + 6^2 + 6^3 + 11^2 + 13^1 = 22 + 62 + 63 + 112 + 131 \\
 390 &:= 2^3 + 2^3 + 7^2 + 9^0 + 18^2 = 23 + 23 + 72 + 90 + 182 \\
 390 &:= 2^3 + 2^4 + 4^1 + 11^0 + 19^2 = 23 + 24 + 41 + 110 + 192 \\
 390 &:= 2^3 + 2^7 + 2^7 + 5^3 + 26^0 = 23 + 27 + 27 + 53 + 260 \\
 390 &:= 2^3 + 3^3 + 7^3 + 11^1 + 15^0 = 23 + 33 + 73 + 111 + 150 \\
 390 &:= 2^3 + 3^4 + 5^0 + 11^1 + 17^2 = 23 + 34 + 50 + 111 + 172 \\
 390 &:= 2^3 + 4^1 + 4^4 + 11^2 + 17^0 = 23 + 41 + 44 + 112 + 170 \\
 390 &:= 2^3 + 4^3 + 7^0 + 11^2 + 14^2 = 23 + 43 + 70 + 112 + 142 \\
 390 &:= 2^3 + 5^2 + 5^2 + 8^1 + 18^2 = 23 + 52 + 52 + 81 + 182 \\
 390 &:= 2^4 + 3^1 + 6^1 + 13^2 + 14^2 = 24 + 31 + 61 + 132 + 142 \\
 390 &:= 2^4 + 3^2 + 5^0 + 7^3 + 21^1 = 24 + 32 + 50 + 73 + 211 \\
 390 &:= 2^4 + 4^1 + 5^1 + 13^2 + 14^2 = 24 + 41 + 51 + 132 + 142 \\
 390 &:= 2^4 + 4^2 + 7^3 + 11^0 + 14^1 = 24 + 42 + 73 + 110 + 141 \\
 390 &:= 2^4 + 5^0 + 6^2 + 9^2 + 16^2 = 24 + 50 + 62 + 92 + 162 \\
 390 &:= 2^4 + 5^0 + 6^3 + 12^2 + 13^1 = 24 + 50 + 63 + 122 + 131 \\
 390 &:= 2^4 + 5^1 + 5^2 + 7^3 + 19^0 = 24 + 51 + 52 + 73 + 190 \\
 390 &:= 2^5 + 3^1 + 7^3 + 11^1 + 15^0 = 25 + 31 + 73 + 111 + 150 \\
 390 &:= 2^5 + 4^1 + 7^0 + 8^2 + 17^2 = 25 + 41 + 70 + 82 + 172 \\
 390 &:= 2^5 + 4^1 + 7^3 + 10^1 + 15^0 = 25 + 41 + 73 + 101 + 150
 \end{aligned}$$

$$\begin{aligned}
 390 &:= 2^5 + 5^0 + 5^2 + 8^1 + 18^2 = 25 + 50 + 52 + 81 + 182 \\
 390 &:= 2^5 + 5^1 + 7^3 + 9^1 + 15^0 = 25 + 51 + 73 + 91 + 150 \\
 390 &:= 2^5 + 6^1 + 7^3 + 8^1 + 15^0 = 25 + 61 + 73 + 81 + 150 \\
 390 &:= 2^5 + 7^1 + 7^1 + 7^3 + 15^0 = 25 + 71 + 71 + 73 + 150 \\
 390 &:= 2^7 + 3^0 + 4^1 + 13^0 + 16^2 = 27 + 30 + 41 + 130 + 162 \\
 390 &:= 2^7 + 4^0 + 4^1 + 12^0 + 16^2 = 27 + 40 + 41 + 120 + 162 \\
 390 &:= 2^7 + 4^1 + 5^0 + 11^0 + 16^2 = 27 + 41 + 50 + 110 + 162 \\
 390 &:= 2^7 + 4^1 + 6^0 + 10^0 + 16^2 = 27 + 41 + 60 + 100 + 162 \\
 390 &:= 2^7 + 4^1 + 7^0 + 9^0 + 16^2 = 27 + 41 + 70 + 90 + 162 \\
 390 &:= 2^7 + 4^1 + 8^0 + 8^0 + 16^2 = 27 + 41 + 80 + 80 + 162 \\
 390 &:= 3^0 + 3^3 + 5^3 + 6^3 + 21^1 = 30 + 33 + 53 + 63 + 211 \\
 390 &:= 3^0 + 3^4 + 5^3 + 13^2 + 14^1 = 30 + 34 + 53 + 132 + 141 \\
 390 &:= 3^0 + 3^5 + 4^3 + 9^2 + 19^0 = 30 + 35 + 43 + 92 + 190 \\
 390 &:= 3^0 + 3^5 + 7^2 + 9^2 + 16^1 = 30 + 35 + 72 + 92 + 161 \\
 390 &:= 3^0 + 4^3 + 4^4 + 7^2 + 20^1 = 30 + 43 + 44 + 72 + 201 \\
 390 &:= 3^1 + 3^3 + 8^2 + 10^2 + 14^2 = 31 + 33 + 82 + 102 + 142 \\
 390 &:= 3^1 + 3^5 + 5^3 + 9^0 + 18^1 = 31 + 35 + 53 + 90 + 181 \\
 390 &:= 3^1 + 4^3 + 9^2 + 11^2 + 11^2 = 31 + 43 + 92 + 112 + 112 \\
 390 &:= 3^2 + 3^3 + 4^3 + 11^0 + 17^2 = 32 + 33 + 43 + 110 + 172 \\
 390 &:= 3^2 + 3^5 + 5^0 + 11^2 + 16^1 = 32 + 35 + 50 + 112 + 161 \\
 390 &:= 3^2 + 4^2 + 5^2 + 12^2 + 14^2 = 32 + 42 + 52 + 122 + 142 \\
 390 &:= 3^2 + 4^3 + 6^3 + 10^2 + 15^0 = 32 + 43 + 63 + 102 + 150 \\
 390 &:= 3^2 + 5^2 + 6^2 + 8^2 + 16^2 = 32 + 52 + 62 + 82 + 162 \\
 390 &:= 3^3 + 4^4 + 6^1 + 10^2 + 15^0 = 33 + 44 + 61 + 102 + 150 \\
 390 &:= 3^3 + 5^2 + 6^3 + 11^2 + 13^0 = 33 + 52 + 63 + 112 + 130 \\
 390 &:= 3^4 + 4^2 + 6^2 + 9^0 + 16^2 = 34 + 42 + 62 + 90 + 162 \\
 390 &:= 3^4 + 5^0 + 8^2 + 10^2 + 12^2 = 34 + 50 + 82 + 102 + 122 \\
 390 &:= 3^4 + 6^3 + 9^0 + 9^2 + 11^1 = 34 + 63 + 90 + 92 + 111 \\
 390 &:= 3^5 + 4^0 + 4^3 + 9^2 + 18^0 = 35 + 40 + 43 + 92 + 180 \\
 390 &:= 3^5 + 4^1 + 5^3 + 9^0 + 17^1 = 35 + 41 + 53 + 90 + 171 \\
 390 &:= 3^5 + 4^2 + 9^1 + 11^0 + 11^2 = 35 + 42 + 91 + 110 + 112 \\
 390 &:= 3^5 + 4^3 + 5^0 + 9^2 + 17^0 = 35 + 43 + 50 + 92 + 170 \\
 390 &:= 3^5 + 4^3 + 6^0 + 9^2 + 16^0 = 35 + 43 + 60 + 92 + 160 \\
 390 &:= 3^5 + 4^3 + 7^0 + 9^2 + 15^0 = 35 + 43 + 70 + 92 + 150 \\
 390 &:= 3^5 + 4^3 + 8^0 + 9^2 + 14^0 = 35 + 43 + 80 + 92 + 140 \\
 390 &:= 3^5 + 4^3 + 9^0 + 9^2 + 13^0 = 35 + 43 + 90 + 92 + 130 \\
 390 &:= 3^5 + 4^3 + 9^2 + 10^0 + 12^0 = 35 + 43 + 92 + 100 + 120 \\
 390 &:= 3^5 + 4^3 + 9^2 + 11^0 + 11^0 = 35 + 43 + 92 + 110 + 110
 \end{aligned}$$

$$\begin{aligned}
 390 &:= 3^5 + 5^1 + 5^3 + 9^0 + 16^1 = 35 + 51 + 53 + 90 + 161 \\
 390 &:= 3^5 + 5^3 + 6^1 + 9^0 + 15^1 = 35 + 53 + 61 + 90 + 151 \\
 390 &:= 3^5 + 5^3 + 7^1 + 9^0 + 14^1 = 35 + 53 + 71 + 90 + 141 \\
 390 &:= 3^5 + 5^3 + 8^1 + 9^0 + 13^1 = 35 + 53 + 81 + 90 + 131 \\
 390 &:= 3^5 + 5^3 + 9^0 + 10^1 + 11^1 = 35 + 53 + 90 + 101 + 111 \\
 390 &:= 3^5 + 5^3 + 9^0 + 9^1 + 12^1 = 35 + 53 + 90 + 91 + 121 \\
 390 &:= 3^5 + 6^2 + 9^0 + 10^1 + 10^2 = 35 + 62 + 90 + 101 + 102 \\
 390 &:= 4^2 + 4^4 + 6^2 + 9^2 + 15^0 = 42 + 44 + 62 + 92 + 150 \\
 390 &:= 4^2 + 5^2 + 6^3 + 11^2 + 12^1 = 42 + 52 + 63 + 112 + 121 \\
 390 &:= 4^2 + 5^3 + 7^1 + 11^2 + 11^2 = 42 + 53 + 71 + 112 + 112
 \end{aligned}$$

$$\begin{aligned}
 390 &:= 4^3 + 4^3 + 6^2 + 9^0 + 15^2 = 43 + 43 + 62 + 90 + 152 \\
 390 &:= 4^3 + 4^4 + 5^1 + 8^2 + 17^0 = 43 + 44 + 51 + 82 + 170 \\
 390 &:= 4^3 + 5^1 + 5^2 + 10^2 + 14^2 = 43 + 51 + 52 + 102 + 142 \\
 390 &:= 4^3 + 5^3 + 9^0 + 10^2 + 10^2 = 43 + 53 + 90 + 102 + 102 \\
 390 &:= 5^2 + 5^3 + 6^2 + 8^1 + 14^2 = 52 + 53 + 62 + 81 + 142 \\
 390 &:= 5^2 + 5^3 + 7^1 + 8^2 + 13^2 = 52 + 53 + 71 + 82 + 132 \\
 390 &:= 5^3 + 5^3 + 5^3 + 9^0 + 14^1 = 53 + 53 + 53 + 90 + 141 \\
 390 &:= 6^2 + 6^3 + 8^2 + 8^2 + 10^1 = 62 + 63 + 82 + 82 + 101
 \end{aligned}$$

2.2.292 Number 391

$$\begin{aligned}
 391 &:= 1^7 + 10^0 + 10^2 + 17^2 = 17 + 100 + 102 + 172 \\
 391 &:= 2^8 + 11^2 + 12^0 + 13^1 = 28 + 112 + 120 + 131 \\
 391 &:= 1^0 + 1^3 + 2^6 + 16^0 + 18^2 = 10 + 13 + 26 + 160 + 182 \\
 391 &:= 1^0 + 1^6 + 3^3 + 14^0 + 19^2 = 10 + 16 + 33 + 140 + 192 \\
 391 &:= 1^0 + 1^6 + 4^3 + 14^0 + 18^2 = 10 + 16 + 43 + 140 + 182 \\
 391 &:= 1^0 + 1^7 + 8^2 + 10^0 + 18^2 = 10 + 17 + 82 + 100 + 182 \\
 391 &:= 1^0 + 2^7 + 6^2 + 14^0 + 15^2 = 10 + 27 + 62 + 140 + 152 \\
 391 &:= 1^0 + 2^8 + 11^2 + 12^0 + 12^1 = 10 + 28 + 112 + 120 + 121 \\
 391 &:= 1^1 + 1^2 + 2^6 + 16^0 + 18^2 = 11 + 12 + 26 + 160 + 182 \\
 391 &:= 1^1 + 1^5 + 3^3 + 14^0 + 19^2 = 11 + 15 + 33 + 140 + 192 \\
 391 &:= 1^1 + 1^5 + 4^3 + 14^0 + 18^2 = 11 + 15 + 43 + 140 + 182 \\
 391 &:= 1^1 + 1^6 + 8^2 + 10^0 + 18^2 = 11 + 16 + 82 + 100 + 182 \\
 391 &:= 1^1 + 2^3 + 4^4 + 5^3 + 26^0 = 11 + 23 + 44 + 53 + 260 \\
 391 &:= 1^1 + 2^6 + 10^0 + 10^2 + 15^2 = 11 + 26 + 100 + 102 + 152 \\
 391 &:= 1^1 + 2^6 + 6^2 + 12^0 + 17^2 = 11 + 26 + 62 + 120 + 172 \\
 391 &:= 1^1 + 2^7 + 5^1 + 14^0 + 16^2 = 11 + 27 + 51 + 140 + 162 \\
 391 &:= 1^2 + 1^4 + 3^3 + 14^0 + 19^2 = 12 + 14 + 33 + 140 + 192 \\
 391 &:= 1^2 + 1^4 + 4^3 + 14^0 + 18^2 = 12 + 14 + 43 + 140 + 182 \\
 391 &:= 1^2 + 1^5 + 8^2 + 10^0 + 18^2 = 12 + 15 + 82 + 100 + 182 \\
 391 &:= 1^2 + 2^5 + 7^3 + 14^0 + 14^1 = 12 + 25 + 73 + 140 + 141 \\
 391 &:= 1^2 + 3^5 + 5^2 + 11^2 + 18^0 = 12 + 35 + 52 + 112 + 180 \\
 391 &:= 1^2 + 3^5 + 5^3 + 8^0 + 21^1 = 12 + 35 + 53 + 80 + 211 \\
 391 &:= 1^3 + 1^3 + 3^3 + 14^0 + 19^2 = 13 + 13 + 33 + 140 + 192 \\
 391 &:= 1^3 + 1^3 + 4^3 + 14^0 + 18^2 = 13 + 13 + 43 + 140 + 182 \\
 391 &:= 1^3 + 1^4 + 8^2 + 10^0 + 18^2 = 13 + 14 + 82 + 100 + 182 \\
 391 &:= 1^3 + 2^0 + 2^6 + 15^0 + 18^2 = 13 + 20 + 26 + 150 + 182
 \end{aligned}$$

$$\begin{aligned}
 391 &:= 1^3 + 2^1 + 3^5 + 12^2 + 20^0 = 13 + 21 + 35 + 122 + 200 \\
 391 &:= 1^3 + 2^3 + 5^3 + 14^0 + 16^2 = 13 + 23 + 53 + 140 + 162 \\
 391 &:= 1^3 + 2^4 + 7^2 + 10^0 + 18^2 = 13 + 24 + 72 + 100 + 182 \\
 391 &:= 1^3 + 2^6 + 3^0 + 14^0 + 18^2 = 13 + 26 + 30 + 140 + 182 \\
 391 &:= 1^3 + 2^6 + 4^0 + 13^0 + 18^2 = 13 + 26 + 40 + 130 + 182 \\
 391 &:= 1^3 + 2^6 + 5^0 + 12^0 + 18^2 = 13 + 26 + 50 + 120 + 182 \\
 391 &:= 1^3 + 2^6 + 6^0 + 11^0 + 18^2 = 13 + 26 + 60 + 110 + 182 \\
 391 &:= 1^3 + 2^6 + 7^0 + 10^0 + 18^2 = 13 + 26 + 70 + 100 + 182 \\
 391 &:= 1^3 + 2^6 + 8^0 + 9^0 + 18^2 = 13 + 26 + 80 + 90 + 182 \\
 391 &:= 1^3 + 4^4 + 5^3 + 8^1 + 20^0 = 13 + 44 + 53 + 81 + 200 \\
 391 &:= 1^4 + 1^9 + 2^6 + 15^0 + 18^2 = 14 + 19 + 26 + 150 + 182 \\
 391 &:= 1^4 + 2^2 + 6^3 + 13^2 + 16^0 = 14 + 22 + 63 + 132 + 160 \\
 391 &:= 1^4 + 2^4 + 4^0 + 12^1 + 19^2 = 14 + 24 + 40 + 121 + 192 \\
 391 &:= 1^4 + 3^3 + 7^3 + 8^0 + 19^1 = 14 + 33 + 73 + 80 + 191 \\
 391 &:= 1^4 + 4^3 + 6^2 + 10^0 + 17^2 = 14 + 43 + 62 + 100 + 172 \\
 391 &:= 1^4 + 4^3 + 8^0 + 10^2 + 15^2 = 14 + 43 + 80 + 102 + 152 \\
 391 &:= 1^4 + 4^4 + 10^0 + 11^2 + 12^1 = 14 + 44 + 100 + 112 + 121 \\
 391 &:= 1^5 + 1^8 + 2^6 + 15^0 + 18^2 = 15 + 18 + 26 + 150 + 182 \\
 391 &:= 1^5 + 2^7 + 2^8 + 5^1 + 27^0 = 15 + 27 + 28 + 51 + 270 \\
 391 &:= 1^5 + 4^0 + 5^2 + 7^3 + 21^1 = 15 + 40 + 52 + 73 + 211 \\
 391 &:= 1^5 + 4^0 + 7^2 + 12^2 + 14^2 = 15 + 40 + 72 + 122 + 142 \\
 391 &:= 1^5 + 4^0 + 8^2 + 10^2 + 15^2 = 15 + 40 + 82 + 102 + 152 \\
 391 &:= 1^5 + 4^1 + 6^3 + 13^2 + 14^0 = 15 + 41 + 63 + 132 + 140 \\
 391 &:= 1^5 + 4^2 + 7^2 + 8^0 + 18^2 = 15 + 42 + 72 + 80 + 182 \\
 391 &:= 1^5 + 5^3 + 8^0 + 8^1 + 16^2 = 15 + 53 + 80 + 81 + 162 \\
 391 &:= 1^5 + 6^0 + 6^2 + 8^2 + 17^2 = 15 + 60 + 62 + 82 + 172
 \end{aligned}$$

$$\begin{aligned} 391 &:= 1^5 + 6^2 + 7^3 + 10^1 + 14^0 = 15 + 62 + 73 + 101 + 140 \\ 391 &:= 1^6 + 1^7 + 2^6 + 15^0 + 18^2 = 16 + 17 + 26 + 150 + 182 \\ 391 &:= 1^6 + 2^0 + 3^3 + 13^0 + 19^2 = 16 + 20 + 33 + 130 + 192 \\ 391 &:= 1^6 + 2^0 + 4^2 + 12^1 + 19^2 = 16 + 20 + 42 + 121 + 192 \\ 391 &:= 1^6 + 2^0 + 4^3 + 13^0 + 18^2 = 16 + 20 + 43 + 130 + 182 \\ 391 &:= 1^6 + 3^0 + 3^3 + 12^0 + 19^2 = 16 + 30 + 33 + 120 + 192 \\ 391 &:= 1^6 + 3^0 + 4^3 + 12^0 + 18^2 = 16 + 30 + 43 + 120 + 182 \\ 391 &:= 1^6 + 3^1 + 5^2 + 10^0 + 19^2 = 16 + 31 + 52 + 100 + 192 \\ 391 &:= 1^6 + 3^3 + 4^0 + 11^0 + 19^2 = 16 + 33 + 40 + 110 + 192 \\ 391 &:= 1^6 + 3^3 + 5^0 + 10^0 + 19^2 = 16 + 33 + 50 + 100 + 192 \\ 391 &:= 1^6 + 3^3 + 6^0 + 9^0 + 19^2 = 16 + 33 + 60 + 90 + 192 \\ 391 &:= 1^6 + 3^3 + 7^0 + 8^0 + 19^2 = 16 + 33 + 70 + 80 + 192 \\ 391 &:= 1^6 + 4^0 + 4^3 + 11^0 + 18^2 = 16 + 40 + 43 + 110 + 182 \\ 391 &:= 1^6 + 4^3 + 5^0 + 10^0 + 18^2 = 16 + 43 + 50 + 100 + 182 \\ 391 &:= 1^6 + 4^3 + 6^0 + 9^0 + 18^2 = 16 + 43 + 60 + 90 + 182 \\ 391 &:= 1^6 + 4^3 + 7^0 + 8^0 + 18^2 = 16 + 43 + 70 + 80 + 182 \\ 391 &:= 1^7 + 1^9 + 3^3 + 13^0 + 19^2 = 17 + 19 + 33 + 130 + 192 \\ 391 &:= 1^7 + 1^9 + 4^2 + 12^1 + 19^2 = 17 + 19 + 42 + 121 + 192 \\ 391 &:= 1^7 + 1^9 + 4^3 + 13^0 + 18^2 = 17 + 19 + 43 + 130 + 182 \\ 391 &:= 1^7 + 2^0 + 8^2 + 9^0 + 18^2 = 17 + 20 + 82 + 90 + 182 \\ 391 &:= 1^7 + 2^3 + 2^8 + 5^3 + 27^0 = 17 + 23 + 28 + 53 + 270 \\ 391 &:= 1^7 + 3^0 + 8^0 + 8^2 + 18^2 = 17 + 30 + 80 + 82 + 182 \\ 391 &:= 1^7 + 4^0 + 7^0 + 8^2 + 18^2 = 17 + 40 + 70 + 82 + 182 \\ 391 &:= 1^7 + 5^0 + 6^0 + 8^2 + 18^2 = 17 + 50 + 60 + 82 + 182 \\ 391 &:= 1^8 + 1^8 + 3^3 + 13^0 + 19^2 = 18 + 18 + 33 + 130 + 192 \\ 391 &:= 1^8 + 1^8 + 4^2 + 12^1 + 19^2 = 18 + 18 + 42 + 121 + 192 \\ 391 &:= 1^8 + 1^8 + 4^3 + 13^0 + 18^2 = 18 + 18 + 43 + 130 + 182 \\ 391 &:= 1^8 + 1^9 + 8^2 + 9^0 + 18^2 = 18 + 19 + 82 + 90 + 182 \\ 391 &:= 1^8 + 2^7 + 3^5 + 13^0 + 18^1 = 18 + 27 + 35 + 130 + 181 \\ 391 &:= 1^9 + 2^5 + 4^4 + 9^2 + 21^1 = 19 + 25 + 44 + 92 + 211 \\ 391 &:= 1^9 + 2^7 + 4^4 + 5^1 + 25^0 = 19 + 27 + 44 + 51 + 250 \\ 391 &:= 1^9 + 2^7 + 9^2 + 12^1 + 13^2 = 19 + 27 + 92 + 121 + 132 \\ 391 &:= 1^9 + 2^8 + 5^3 + 8^1 + 21^0 = 19 + 28 + 53 + 81 + 210 \\ 391 &:= 1^9 + 3^3 + 3^4 + 4^4 + 26^1 = 19 + 33 + 34 + 44 + 261 \\ 391 &:= 2^0 + 2^6 + 5^2 + 12^1 + 17^2 = 20 + 26 + 52 + 121 + 172 \\ 391 &:= 2^0 + 2^6 + 9^1 + 11^2 + 14^2 = 20 + 26 + 91 + 112 + 142 \\ 391 &:= 2^0 + 2^7 + 6^2 + 13^0 + 15^2 = 20 + 27 + 62 + 130 + 152 \\ 391 &:= 2^0 + 2^8 + 11^0 + 11^2 + 12^1 = 20 + 28 + 110 + 112 + 121 \end{aligned}$$

$$\begin{aligned} 391 &:= 2^0 + 3^3 + 3^5 + 10^2 + 20^1 = 20 + 33 + 35 + 102 + 201 \\ 391 &:= 2^1 + 2^7 + 4^1 + 14^0 + 16^2 = 21 + 27 + 41 + 140 + 162 \\ 391 &:= 2^1 + 3^5 + 4^3 + 9^2 + 20^0 = 21 + 35 + 43 + 92 + 200 \\ 391 &:= 2^2 + 2^5 + 7^3 + 11^1 + 16^0 = 22 + 25 + 73 + 111 + 160 \\ 391 &:= 2^2 + 3^5 + 5^3 + 10^0 + 18^1 = 22 + 35 + 53 + 100 + 181 \\ 391 &:= 2^3 + 2^4 + 4^0 + 7^3 + 23^1 = 23 + 24 + 40 + 73 + 231 \\ 391 &:= 2^3 + 3^5 + 4^0 + 11^2 + 18^1 = 23 + 35 + 40 + 112 + 181 \\ 391 &:= 2^4 + 3^3 + 4^1 + 7^3 + 22^0 = 24 + 33 + 41 + 73 + 220 \\ 391 &:= 2^4 + 3^4 + 4^1 + 12^0 + 17^2 = 24 + 34 + 41 + 120 + 172 \\ 391 &:= 2^4 + 4^0 + 4^4 + 10^2 + 18^1 = 24 + 40 + 44 + 102 + 181 \\ 391 &:= 2^5 + 3^2 + 5^2 + 10^0 + 18^2 = 25 + 32 + 52 + 100 + 182 \\ 391 &:= 2^5 + 3^2 + 6^1 + 7^3 + 20^0 = 25 + 32 + 61 + 73 + 200 \\ 391 &:= 2^5 + 3^3 + 7^1 + 8^0 + 18^2 = 25 + 33 + 71 + 80 + 182 \\ 391 &:= 2^5 + 4^0 + 9^2 + 9^2 + 14^2 = 25 + 40 + 92 + 92 + 142 \\ 391 &:= 2^5 + 4^3 + 5^1 + 10^0 + 17^2 = 25 + 43 + 51 + 100 + 172 \\ 391 &:= 2^5 + 5^3 + 8^0 + 8^1 + 15^2 = 25 + 53 + 80 + 81 + 152 \\ 391 &:= 2^6 + 2^6 + 2^8 + 6^1 + 25^0 = 26 + 26 + 28 + 61 + 250 \\ 391 &:= 2^6 + 6^0 + 6^1 + 8^2 + 16^2 = 26 + 60 + 61 + 82 + 162 \\ 391 &:= 2^7 + 3^0 + 6^2 + 12^0 + 15^2 = 27 + 30 + 62 + 120 + 152 \\ 391 &:= 2^7 + 3^1 + 3^1 + 14^0 + 16^2 = 27 + 31 + 31 + 140 + 162 \\ 391 &:= 2^7 + 4^0 + 6^2 + 11^0 + 15^2 = 27 + 40 + 62 + 110 + 152 \\ 391 &:= 2^7 + 5^0 + 6^2 + 10^0 + 15^2 = 27 + 50 + 62 + 100 + 152 \\ 391 &:= 2^7 + 6^0 + 6^2 + 9^0 + 15^2 = 27 + 60 + 62 + 90 + 152 \\ 391 &:= 2^7 + 6^2 + 7^0 + 8^0 + 15^2 = 27 + 62 + 70 + 80 + 152 \\ 391 &:= 2^8 + 3^0 + 10^0 + 11^2 + 12^1 = 28 + 30 + 100 + 112 + 121 \\ 391 &:= 2^8 + 4^0 + 9^0 + 11^2 + 12^1 = 28 + 40 + 90 + 112 + 121 \\ 391 &:= 2^8 + 5^0 + 8^0 + 11^2 + 12^1 = 28 + 50 + 80 + 112 + 121 \\ 391 &:= 2^8 + 6^0 + 7^0 + 11^2 + 12^1 = 28 + 60 + 70 + 112 + 121 \\ 391 &:= 3^1 + 3^4 + 3^4 + 14^0 + 15^2 = 31 + 34 + 34 + 140 + 152 \\ 391 &:= 3^2 + 3^5 + 5^3 + 13^1 + 14^0 = 32 + 35 + 53 + 131 + 140 \\ 391 &:= 3^4 + 4^1 + 4^4 + 7^2 + 20^0 = 34 + 41 + 44 + 72 + 200 \\ 391 &:= 3^4 + 4^3 + 7^2 + 10^0 + 14^2 = 34 + 43 + 72 + 100 + 142 \\ 391 &:= 3^4 + 4^4 + 6^2 + 8^0 + 17^1 = 34 + 44 + 62 + 80 + 171 \\ 391 &:= 3^5 + 4^0 + 4^3 + 8^2 + 19^1 = 35 + 40 + 43 + 82 + 191 \\ 391 &:= 3^5 + 4^2 + 5^3 + 6^1 + 20^0 = 35 + 42 + 53 + 61 + 200 \\ 391 &:= 3^5 + 7^2 + 7^2 + 7^2 + 14^0 = 35 + 72 + 72 + 72 + 140 \\ 391 &:= 4^3 + 4^3 + 4^4 + 6^1 + 20^0 = 43 + 43 + 44 + 61 + 200 \end{aligned}$$

2.2.293 Number 392

$$\begin{aligned}
 392 &:= 1^7 + 4^2 + 14^1 + 19^2 &= 17 + 42 + 141 + 192 \\
 392 &:= 2^4 + 2^5 + 7^3 + 27^0 &= 24 + 25 + 73 + 270 \\
 392 &:= 2^5 + 4^4 + 9^2 + 23^1 &= 25 + 44 + 92 + 231 \\
 392 &:= 2^7 + 4^4 + 7^1 + 25^0 &= 27 + 44 + 71 + 250 \\
 392 &:= 2^7 + 9^2 + 13^2 + 14^1 &= 27 + 92 + 132 + 141 \\
 392 &:= 2^8 + 5^3 + 10^1 + 21^0 &= 28 + 53 + 101 + 210 \\
 392 &:= 3^3 + 3^4 + 4^4 + 28^1 &= 33 + 34 + 44 + 281 \\
 392 &:= 1^0 + 1^7 + 4^2 + 13^1 + 19^2 &= 10 + 17 + 42 + 131 + 192 \\
 392 &:= 1^0 + 1^8 + 9^0 + 10^2 + 17^2 &= 10 + 18 + 90 + 102 + 172 \\
 392 &:= 1^0 + 2^5 + 4^4 + 9^2 + 22^1 &= 10 + 25 + 44 + 92 + 221 \\
 392 &:= 1^0 + 2^7 + 4^4 + 6^1 + 25^0 &= 10 + 27 + 44 + 61 + 250 \\
 392 &:= 1^0 + 2^7 + 9^2 + 13^1 + 13^2 &= 10 + 27 + 92 + 131 + 132 \\
 392 &:= 1^0 + 2^8 + 5^3 + 9^1 + 21^0 &= 10 + 28 + 53 + 91 + 210 \\
 392 &:= 1^0 + 3^3 + 3^4 + 4^4 + 27^1 &= 10 + 33 + 34 + 44 + 271 \\
 392 &:= 1^1 + 1^6 + 4^2 + 13^1 + 19^2 &= 11 + 16 + 42 + 131 + 192 \\
 392 &:= 1^1 + 1^7 + 9^0 + 10^2 + 17^2 &= 11 + 17 + 90 + 102 + 172 \\
 392 &:= 1^1 + 2^6 + 10^1 + 11^2 + 14^2 &= 11 + 26 + 101 + 112 + 142 \\
 392 &:= 1^1 + 2^6 + 5^2 + 13^1 + 17^2 &= 11 + 26 + 52 + 131 + 172 \\
 392 &:= 1^1 + 2^8 + 11^0 + 11^2 + 13^1 &= 11 + 28 + 110 + 112 + 131 \\
 392 &:= 1^1 + 3^3 + 3^5 + 10^2 + 21^1 &= 11 + 33 + 35 + 102 + 211 \\
 392 &:= 1^2 + 1^5 + 4^2 + 13^1 + 19^2 &= 12 + 15 + 42 + 131 + 192 \\
 392 &:= 1^2 + 1^6 + 9^0 + 10^2 + 17^2 &= 12 + 16 + 90 + 102 + 172 \\
 392 &:= 1^2 + 2^7 + 6^1 + 13^0 + 16^2 &= 12 + 27 + 61 + 130 + 162 \\
 392 &:= 1^2 + 3^3 + 5^3 + 6^3 + 23^1 &= 12 + 33 + 53 + 63 + 231 \\
 392 &:= 1^2 + 3^4 + 5^3 + 13^2 + 16^1 &= 12 + 34 + 53 + 132 + 161 \\
 392 &:= 1^2 + 3^5 + 7^2 + 9^2 + 18^1 &= 12 + 35 + 72 + 92 + 181 \\
 392 &:= 1^2 + 4^3 + 4^4 + 7^2 + 22^1 &= 12 + 43 + 44 + 72 + 221 \\
 392 &:= 1^3 + 1^4 + 4^2 + 13^1 + 19^2 &= 13 + 14 + 42 + 131 + 192 \\
 392 &:= 1^3 + 1^5 + 9^0 + 10^2 + 17^2 &= 13 + 15 + 90 + 102 + 172 \\
 392 &:= 1^3 + 2^1 + 2^6 + 15^0 + 18^2 &= 13 + 21 + 26 + 150 + 182 \\
 392 &:= 1^3 + 2^3 + 2^3 + 14^1 + 19^2 &= 13 + 23 + 23 + 141 + 192 \\
 392 &:= 1^3 + 2^3 + 4^2 + 7^3 + 24^1 &= 13 + 23 + 42 + 73 + 241 \\
 392 &:= 1^3 + 2^5 + 7^3 + 13^0 + 15^1 &= 13 + 25 + 73 + 130 + 151 \\
 392 &:= 1^3 + 3^2 + 4^4 + 5^3 + 25^0 &= 13 + 32 + 44 + 53 + 250 \\
 392 &:= 1^3 + 3^3 + 3^3 + 13^1 + 18^2 &= 13 + 33 + 33 + 131 + 182 \\
 392 &:= 1^3 + 3^3 + 5^3 + 14^1 + 15^2 &= 13 + 33 + 53 + 141 + 152
 \end{aligned}$$

$$\begin{aligned}
 392 &:= 1^3 + 3^5 + 5^3 + 7^0 + 22^1 &= 13 + 35 + 53 + 70 + 221 \\
 392 &:= 1^3 + 4^2 + 4^4 + 10^2 + 19^1 &= 13 + 42 + 44 + 102 + 191 \\
 392 &:= 1^3 + 4^4 + 6^2 + 9^2 + 18^1 &= 13 + 44 + 62 + 92 + 181 \\
 392 &:= 1^4 + 1^4 + 9^0 + 10^2 + 17^2 &= 14 + 14 + 90 + 102 + 172 \\
 392 &:= 1^4 + 2^3 + 3^2 + 13^1 + 19^2 &= 14 + 23 + 32 + 131 + 192 \\
 392 &:= 1^4 + 2^3 + 7^2 + 10^1 + 18^2 &= 14 + 23 + 72 + 101 + 182 \\
 392 &:= 1^4 + 3^1 + 3^5 + 12^2 + 19^0 &= 14 + 31 + 35 + 122 + 190 \\
 392 &:= 1^4 + 3^2 + 4^2 + 7^3 + 23^1 &= 14 + 32 + 42 + 73 + 231 \\
 392 &:= 1^4 + 3^3 + 8^1 + 10^2 + 16^2 &= 14 + 33 + 81 + 102 + 162 \\
 392 &:= 1^4 + 4^2 + 6^3 + 12^2 + 15^1 &= 14 + 42 + 63 + 122 + 151 \\
 392 &:= 1^4 + 4^4 + 5^3 + 9^1 + 19^0 &= 14 + 44 + 53 + 91 + 190 \\
 392 &:= 1^4 + 5^2 + 7^2 + 11^2 + 14^2 &= 14 + 52 + 72 + 112 + 142 \\
 392 &:= 1^4 + 5^3 + 6^3 + 7^2 + 19^0 &= 14 + 53 + 63 + 72 + 190 \\
 392 &:= 1^4 + 6^2 + 7^2 + 9^2 + 15^2 &= 14 + 62 + 72 + 92 + 152 \\
 392 &:= 1^4 + 6^3 + 9^2 + 9^2 + 13^1 &= 14 + 63 + 92 + 92 + 131 \\
 392 &:= 1^5 + 2^4 + 3^0 + 13^1 + 19^2 &= 15 + 24 + 30 + 131 + 192 \\
 392 &:= 1^5 + 3^1 + 10^2 + 12^2 + 12^2 &= 15 + 31 + 102 + 122 + 122 \\
 392 &:= 1^5 + 3^2 + 3^2 + 12^1 + 19^2 &= 15 + 32 + 32 + 121 + 192 \\
 392 &:= 1^5 + 3^2 + 5^3 + 13^0 + 16^2 &= 15 + 32 + 53 + 130 + 162 \\
 392 &:= 1^5 + 3^2 + 7^2 + 9^1 + 18^2 &= 15 + 32 + 72 + 91 + 182 \\
 392 &:= 1^5 + 3^3 + 7^0 + 7^3 + 20^1 &= 15 + 33 + 70 + 73 + 201 \\
 392 &:= 1^5 + 4^1 + 7^2 + 13^2 + 13^2 &= 15 + 41 + 72 + 132 + 132 \\
 392 &:= 1^5 + 4^1 + 9^2 + 9^2 + 15^2 &= 15 + 41 + 92 + 92 + 152 \\
 392 &:= 1^5 + 4^2 + 6^1 + 12^2 + 15^2 &= 15 + 42 + 61 + 122 + 152 \\
 392 &:= 1^5 + 4^4 + 9^0 + 11^2 + 13^1 &= 15 + 44 + 90 + 112 + 131 \\
 392 &:= 1^5 + 5^1 + 7^2 + 9^2 + 16^2 &= 15 + 51 + 72 + 92 + 162 \\
 392 &:= 1^5 + 5^3 + 9^0 + 11^2 + 12^2 &= 15 + 53 + 90 + 112 + 122 \\
 392 &:= 1^6 + 2^1 + 3^3 + 13^0 + 19^2 &= 16 + 21 + 33 + 130 + 192 \\
 392 &:= 1^6 + 2^1 + 4^2 + 12^1 + 19^2 &= 16 + 21 + 42 + 121 + 192 \\
 392 &:= 1^6 + 2^1 + 4^3 + 13^0 + 18^2 &= 16 + 21 + 43 + 130 + 182 \\
 392 &:= 1^6 + 2^2 + 5^2 + 11^0 + 19^2 &= 16 + 22 + 52 + 110 + 192 \\
 392 &:= 1^6 + 2^7 + 2^8 + 6^1 + 26^0 &= 16 + 27 + 28 + 61 + 260 \\
 392 &:= 1^6 + 3^0 + 10^2 + 11^2 + 13^2 &= 16 + 30 + 102 + 112 + 132 \\
 392 &:= 1^6 + 3^0 + 5^2 + 7^3 + 22^1 &= 16 + 30 + 52 + 73 + 221 \\
 392 &:= 1^6 + 3^1 + 4^2 + 11^1 + 19^2 &= 16 + 31 + 42 + 111 + 192 \\
 392 &:= 1^6 + 4^1 + 4^2 + 10^1 + 19^2 &= 16 + 41 + 42 + 101 + 192
 \end{aligned}$$

$$\begin{aligned} 392 &:= 1^6 + 4^2 + 5^1 + 9^1 + 19^2 = 16 + 42 + 51 + 91 + 192 \\ 392 &:= 1^6 + 4^2 + 6^1 + 8^1 + 19^2 = 16 + 42 + 61 + 81 + 192 \\ 392 &:= 1^6 + 4^2 + 7^1 + 7^1 + 19^2 = 16 + 42 + 71 + 71 + 192 \\ 392 &:= 1^6 + 5^0 + 5^2 + 13^2 + 14^2 = 16 + 50 + 52 + 132 + 142 \\ 392 &:= 1^6 + 5^1 + 6^3 + 13^0 + 13^2 = 16 + 51 + 63 + 130 + 132 \\ 392 &:= 1^6 + 5^3 + 7^0 + 9^1 + 16^2 = 16 + 53 + 70 + 91 + 162 \\ 392 &:= 1^6 + 6^2 + 7^3 + 11^1 + 13^0 = 16 + 62 + 73 + 111 + 130 \\ 392 &:= 1^7 + 2^1 + 8^2 + 9^0 + 18^2 = 17 + 21 + 82 + 90 + 182 \\ 392 &:= 1^7 + 4^1 + 5^2 + 9^0 + 19^2 = 17 + 41 + 52 + 90 + 192 \\ 392 &:= 1^8 + 2^0 + 8^0 + 10^2 + 17^2 = 18 + 20 + 80 + 102 + 172 \\ 392 &:= 1^8 + 3^0 + 7^0 + 10^2 + 17^2 = 18 + 30 + 70 + 102 + 172 \\ 392 &:= 1^8 + 4^0 + 6^0 + 10^2 + 17^2 = 18 + 40 + 60 + 102 + 172 \\ 392 &:= 1^8 + 5^0 + 5^0 + 10^2 + 17^2 = 18 + 50 + 50 + 102 + 172 \\ 392 &:= 1^9 + 1^9 + 8^0 + 10^2 + 17^2 = 19 + 19 + 80 + 102 + 172 \\ 392 &:= 1^9 + 2^7 + 3^5 + 12^0 + 19^1 = 19 + 27 + 35 + 120 + 191 \\ 392 &:= 1^9 + 2^8 + 3^2 + 5^3 + 26^0 = 19 + 28 + 32 + 53 + 260 \\ 392 &:= 2^0 + 2^7 + 4^4 + 6^1 + 24^0 = 20 + 27 + 44 + 61 + 240 \\ 392 &:= 2^0 + 2^8 + 5^3 + 9^1 + 20^0 = 20 + 28 + 53 + 91 + 200 \\ 392 &:= 2^1 + 2^6 + 5^2 + 12^1 + 17^2 = 21 + 26 + 52 + 121 + 172 \\ 392 &:= 2^1 + 2^6 + 9^1 + 11^2 + 14^2 = 21 + 26 + 91 + 112 + 142 \\ 392 &:= 2^1 + 2^7 + 6^2 + 13^0 + 15^2 = 21 + 27 + 62 + 130 + 152 \\ 392 &:= 2^1 + 2^8 + 11^0 + 11^2 + 12^1 = 21 + 28 + 110 + 112 + 121 \\ 392 &:= 2^1 + 3^3 + 3^5 + 10^2 + 20^1 = 21 + 33 + 35 + 102 + 201 \\ 392 &:= 2^2 + 2^2 + 2^4 + 7^3 + 25^1 = 22 + 22 + 24 + 73 + 251 \\ 392 &:= 2^2 + 2^2 + 3^5 + 11^2 + 20^1 = 22 + 22 + 35 + 112 + 201 \\ 392 &:= 2^2 + 2^7 + 3^1 + 15^0 + 16^2 = 22 + 27 + 31 + 150 + 162 \\ 392 &:= 2^2 + 3^4 + 3^4 + 15^0 + 15^2 = 22 + 34 + 34 + 150 + 152 \\ 392 &:= 2^2 + 3^5 + 8^2 + 8^2 + 17^1 = 22 + 35 + 82 + 82 + 171 \\ 392 &:= 2^3 + 2^3 + 3^2 + 7^3 + 24^1 = 23 + 23 + 32 + 73 + 241 \\ 392 &:= 2^3 + 2^3 + 6^3 + 12^2 + 16^1 = 23 + 23 + 63 + 122 + 161 \\ 392 &:= 2^3 + 2^5 + 7^3 + 8^1 + 19^0 = 23 + 25 + 73 + 81 + 190 \\ 392 &:= 2^3 + 3^2 + 4^4 + 10^2 + 19^1 = 23 + 32 + 44 + 102 + 191 \\ 392 &:= 2^3 + 3^3 + 4^4 + 10^2 + 19^0 = 23 + 33 + 44 + 102 + 190 \\ 392 &:= 2^3 + 3^4 + 6^2 + 11^1 + 16^2 = 23 + 34 + 62 + 111 + 162 \\ 392 &:= 2^3 + 3^5 + 5^3 + 13^0 + 15^1 = 23 + 35 + 53 + 130 + 151 \\ 392 &:= 2^4 + 2^4 + 7^3 + 11^0 + 16^1 = 24 + 24 + 73 + 110 + 161 \\ 392 &:= 2^4 + 3^5 + 11^0 + 11^1 + 11^2 = 24 + 35 + 110 + 111 + 112 \\ 392 &:= 2^4 + 4^2 + 8^2 + 10^2 + 14^2 = 24 + 42 + 82 + 102 + 142 \\ 392 &:= 2^4 + 5^2 + 6^3 + 11^2 + 14^1 = 24 + 52 + 63 + 112 + 141 \\ 392 &:= 2^4 + 5^3 + 9^1 + 11^2 + 11^2 = 24 + 53 + 91 + 112 + 112 \\ 392 &:= 2^5 + 3^1 + 4^4 + 10^2 + 19^0 = 25 + 31 + 44 + 102 + 190 \\ 392 &:= 2^5 + 3^2 + 4^2 + 11^1 + 18^2 = 25 + 32 + 42 + 111 + 182 \\ 392 &:= 2^5 + 3^2 + 5^3 + 13^0 + 15^2 = 25 + 32 + 53 + 130 + 152 \\ 392 &:= 2^5 + 4^2 + 6^1 + 13^2 + 13^2 = 25 + 42 + 61 + 132 + 132 \\ 392 &:= 2^5 + 4^2 + 7^1 + 9^2 + 16^2 = 25 + 42 + 71 + 92 + 162 \\ 392 &:= 2^5 + 5^1 + 7^2 + 9^2 + 15^2 = 25 + 51 + 72 + 92 + 152 \\ 392 &:= 2^5 + 5^3 + 6^3 + 7^0 + 18^1 = 25 + 53 + 63 + 70 + 181 \\ 392 &:= 2^5 + 6^1 + 7^2 + 7^2 + 16^2 = 25 + 61 + 72 + 72 + 162 \\ 392 &:= 2^6 + 3^1 + 5^2 + 11^1 + 17^2 = 26 + 31 + 52 + 111 + 172 \\ 392 &:= 2^6 + 3^1 + 8^1 + 11^2 + 14^2 = 26 + 31 + 81 + 112 + 142 \\ 392 &:= 2^6 + 3^3 + 5^0 + 11^1 + 17^2 = 26 + 33 + 50 + 111 + 172 \\ 392 &:= 2^6 + 4^1 + 5^2 + 10^1 + 17^2 = 26 + 41 + 52 + 101 + 172 \\ 392 &:= 2^6 + 4^1 + 7^1 + 11^2 + 14^2 = 26 + 41 + 71 + 112 + 142 \\ 392 &:= 2^6 + 4^3 + 7^1 + 9^0 + 16^2 = 26 + 43 + 71 + 90 + 162 \\ 392 &:= 2^6 + 5^1 + 5^2 + 9^1 + 17^2 = 26 + 51 + 52 + 91 + 172 \\ 392 &:= 2^6 + 5^1 + 6^1 + 11^2 + 14^2 = 26 + 51 + 61 + 112 + 142 \\ 392 &:= 2^6 + 5^2 + 6^1 + 8^1 + 17^2 = 26 + 52 + 61 + 81 + 172 \\ 392 &:= 2^6 + 5^2 + 7^1 + 7^1 + 17^2 = 26 + 52 + 71 + 71 + 172 \\ 392 &:= 2^6 + 5^3 + 6^1 + 11^0 + 14^2 = 26 + 53 + 61 + 110 + 142 \\ 392 &:= 2^6 + 6^3 + 9^0 + 10^2 + 11^1 = 26 + 63 + 90 + 102 + 111 \\ 392 &:= 2^7 + 2^7 + 2^7 + 7^1 + 24^0 = 27 + 27 + 27 + 71 + 240 \\ 392 &:= 2^7 + 3^0 + 4^4 + 6^1 + 23^0 = 27 + 30 + 44 + 61 + 230 \\ 392 &:= 2^7 + 3^0 + 5^2 + 13^1 + 15^2 = 27 + 30 + 52 + 131 + 152 \\ 392 &:= 2^7 + 3^1 + 8^2 + 11^0 + 14^2 = 27 + 31 + 82 + 110 + 142 \\ 392 &:= 2^7 + 4^0 + 4^4 + 6^1 + 22^0 = 27 + 40 + 44 + 61 + 220 \\ 392 &:= 2^7 + 4^4 + 5^0 + 6^1 + 21^0 = 27 + 44 + 50 + 61 + 210 \\ 392 &:= 2^7 + 4^4 + 6^0 + 6^1 + 20^0 = 27 + 44 + 60 + 61 + 200 \\ 392 &:= 2^7 + 4^4 + 6^1 + 10^0 + 16^0 = 27 + 44 + 61 + 100 + 160 \\ 392 &:= 2^7 + 4^4 + 6^1 + 11^0 + 15^0 = 27 + 44 + 61 + 110 + 150 \\ 392 &:= 2^7 + 4^4 + 6^1 + 12^0 + 14^0 = 27 + 44 + 61 + 120 + 140 \\ 392 &:= 2^7 + 4^4 + 6^1 + 13^0 + 13^0 = 27 + 44 + 61 + 130 + 130 \\ 392 &:= 2^7 + 4^4 + 6^1 + 7^0 + 19^0 = 27 + 44 + 61 + 70 + 190 \\ 392 &:= 2^7 + 4^4 + 6^1 + 8^0 + 18^0 = 27 + 44 + 61 + 80 + 180 \\ 392 &:= 2^7 + 4^4 + 6^1 + 9^0 + 17^0 = 27 + 44 + 61 + 90 + 170 \\ 392 &:= 2^8 + 3^0 + 5^3 + 9^1 + 19^0 = 28 + 30 + 53 + 91 + 190 \\ 392 &:= 2^8 + 3^1 + 11^0 + 11^1 + 11^2 = 28 + 31 + 110 + 111 + 112 \end{aligned}$$

$$\begin{aligned}
 392 &:= 2^8 + 4^0 + 5^3 + 9^1 + 18^0 = 28 + 40 + 53 + 91 + 180 \\
 392 &:= 2^8 + 4^1 + 10^1 + 11^0 + 11^2 = 28 + 41 + 101 + 110 + 112 \\
 392 &:= 2^8 + 5^0 + 5^3 + 9^1 + 17^0 = 28 + 50 + 53 + 91 + 170 \\
 392 &:= 2^8 + 5^1 + 9^1 + 11^0 + 11^2 = 28 + 51 + 91 + 110 + 112 \\
 392 &:= 2^8 + 5^3 + 6^0 + 9^1 + 16^0 = 28 + 53 + 60 + 91 + 160 \\
 392 &:= 2^8 + 5^3 + 7^0 + 9^1 + 15^0 = 28 + 53 + 70 + 91 + 150 \\
 392 &:= 2^8 + 5^3 + 8^0 + 9^1 + 14^0 = 28 + 53 + 80 + 91 + 140 \\
 392 &:= 2^8 + 5^3 + 9^0 + 9^1 + 13^0 = 28 + 53 + 90 + 91 + 130 \\
 392 &:= 2^8 + 5^3 + 9^1 + 10^0 + 12^0 = 28 + 53 + 91 + 100 + 120 \\
 392 &:= 2^8 + 5^3 + 9^1 + 11^0 + 11^0 = 28 + 53 + 91 + 110 + 110 \\
 392 &:= 2^8 + 6^1 + 8^1 + 11^0 + 11^2 = 28 + 61 + 81 + 110 + 112 \\
 392 &:= 2^8 + 7^1 + 7^1 + 11^0 + 11^2 = 28 + 71 + 71 + 110 + 112 \\
 392 &:= 3^1 + 3^3 + 3^5 + 10^2 + 19^1 = 31 + 33 + 35 + 102 + 191 \\
 392 &:= 3^1 + 3^4 + 3^5 + 8^2 + 21^0 = 31 + 34 + 35 + 82 + 210 \\
 392 &:= 3^2 + 3^3 + 4^4 + 9^2 + 19^1 = 32 + 33 + 44 + 92 + 191 \\
 392 &:= 3^2 + 3^4 + 4^3 + 13^1 + 15^2 = 32 + 34 + 43 + 131 + 152 \\
 392 &:= 3^3 + 3^3 + 3^4 + 13^0 + 16^2 = 33 + 33 + 34 + 130 + 162 \\
 392 &:= 3^3 + 3^3 + 4^4 + 9^2 + 19^0 = 33 + 33 + 44 + 92 + 190 \\
 392 &:= 3^3 + 3^4 + 4^2 + 12^1 + 16^2 = 33 + 34 + 42 + 121 + 162 \\
 392 &:= 3^3 + 3^4 + 7^2 + 10^1 + 15^2 = 33 + 34 + 72 + 101 + 152
 \end{aligned}$$

$$\begin{aligned}
 392 &:= 3^3 + 3^5 + 10^1 + 10^2 + 12^1 = 33 + 35 + 101 + 102 + 121 \\
 392 &:= 3^3 + 3^5 + 10^2 + 11^1 + 11^1 = 33 + 35 + 102 + 111 + 111 \\
 392 &:= 3^3 + 3^5 + 4^1 + 10^2 + 18^1 = 33 + 35 + 41 + 102 + 181 \\
 392 &:= 3^3 + 3^5 + 5^1 + 10^2 + 17^1 = 33 + 35 + 51 + 102 + 171 \\
 392 &:= 3^3 + 3^5 + 6^1 + 10^2 + 16^1 = 33 + 35 + 61 + 102 + 161 \\
 392 &:= 3^3 + 3^5 + 7^1 + 10^2 + 15^1 = 33 + 35 + 71 + 102 + 151 \\
 392 &:= 3^3 + 3^5 + 8^1 + 10^2 + 14^1 = 33 + 35 + 81 + 102 + 141 \\
 392 &:= 3^3 + 3^5 + 9^1 + 10^2 + 13^1 = 33 + 35 + 91 + 102 + 131 \\
 392 &:= 3^3 + 4^3 + 4^3 + 12^1 + 15^2 = 33 + 43 + 43 + 121 + 152 \\
 392 &:= 3^3 + 5^3 + 5^3 + 10^2 + 15^1 = 33 + 53 + 53 + 102 + 151 \\
 392 &:= 3^4 + 3^4 + 6^3 + 13^0 + 13^1 = 34 + 34 + 63 + 130 + 131 \\
 392 &:= 3^4 + 3^5 + 7^0 + 7^2 + 18^1 = 34 + 35 + 70 + 72 + 181 \\
 392 &:= 3^4 + 4^3 + 5^3 + 11^2 + 15^0 = 34 + 43 + 53 + 112 + 150 \\
 392 &:= 3^4 + 7^2 + 9^2 + 9^2 + 10^2 = 34 + 72 + 92 + 92 + 102 \\
 392 &:= 3^5 + 4^2 + 4^2 + 10^2 + 17^1 = 35 + 42 + 42 + 102 + 171 \\
 392 &:= 3^5 + 4^2 + 6^2 + 9^2 + 16^1 = 35 + 42 + 62 + 92 + 161 \\
 392 &:= 3^5 + 4^3 + 4^3 + 7^0 + 20^1 = 35 + 43 + 43 + 70 + 201 \\
 392 &:= 3^5 + 6^2 + 7^2 + 7^2 + 15^1 = 35 + 62 + 72 + 72 + 151 \\
 392 &:= 4^2 + 4^3 + 4^4 + 6^2 + 20^1 = 42 + 43 + 44 + 62 + 201
 \end{aligned}$$

2.2.294 Number 393

$$\begin{aligned}
 393 &:= 2^7 + 3^5 + 12^0 + 21^1 = 27 + 35 + 120 + 211 \\
 393 &:= 1^0 + 2^7 + 3^5 + 12^0 + 20^1 = 10 + 27 + 35 + 120 + 201 \\
 393 &:= 1^1 + 2^4 + 2^5 + 7^3 + 26^0 = 11 + 24 + 25 + 73 + 260 \\
 393 &:= 1^1 + 2^7 + 4^4 + 7^1 + 24^0 = 11 + 27 + 44 + 71 + 240 \\
 393 &:= 1^1 + 2^8 + 5^3 + 10^1 + 20^0 = 11 + 28 + 53 + 101 + 200 \\
 393 &:= 1^2 + 2^8 + 10^0 + 11^2 + 14^1 = 12 + 28 + 100 + 112 + 141 \\
 393 &:= 1^3 + 2^5 + 4^2 + 7^3 + 24^0 = 13 + 25 + 42 + 73 + 240 \\
 393 &:= 1^3 + 2^7 + 7^1 + 12^0 + 16^2 = 13 + 27 + 71 + 120 + 162 \\
 393 &:= 1^3 + 3^3 + 3^5 + 11^2 + 20^0 = 13 + 33 + 35 + 112 + 200 \\
 393 &:= 1^4 + 2^2 + 3^5 + 12^2 + 20^0 = 14 + 22 + 35 + 122 + 200 \\
 393 &:= 1^4 + 2^5 + 7^3 + 12^0 + 16^1 = 14 + 25 + 73 + 120 + 161 \\
 393 &:= 1^4 + 2^6 + 3^1 + 14^0 + 18^2 = 14 + 26 + 31 + 140 + 182 \\
 393 &:= 1^4 + 3^5 + 5^3 + 6^0 + 23^1 = 14 + 35 + 53 + 60 + 231 \\
 393 &:= 1^5 + 3^5 + 4^1 + 12^2 + 18^0 = 15 + 35 + 41 + 122 + 180 \\
 393 &:= 1^5 + 4^4 + 5^3 + 10^1 + 18^0 = 15 + 44 + 53 + 101 + 180
 \end{aligned}$$

$$\begin{aligned}
 393 &:= 1^6 + 2^0 + 2^4 + 14^1 + 19^2 = 16 + 20 + 24 + 141 + 192 \\
 393 &:= 1^6 + 3^3 + 6^0 + 7^3 + 21^1 = 16 + 33 + 60 + 73 + 211 \\
 393 &:= 1^6 + 4^4 + 8^0 + 11^2 + 14^1 = 16 + 44 + 80 + 112 + 141 \\
 393 &:= 1^7 + 1^9 + 2^4 + 14^1 + 19^2 = 17 + 19 + 24 + 141 + 192 \\
 393 &:= 1^7 + 2^0 + 5^2 + 7^3 + 23^1 = 17 + 20 + 52 + 73 + 231 \\
 393 &:= 1^7 + 2^5 + 2^8 + 9^2 + 23^1 = 17 + 25 + 28 + 92 + 231 \\
 393 &:= 1^7 + 2^7 + 2^8 + 7^1 + 25^0 = 17 + 27 + 28 + 71 + 250 \\
 393 &:= 1^7 + 3^1 + 3^3 + 12^0 + 19^2 = 17 + 31 + 33 + 120 + 192 \\
 393 &:= 1^7 + 3^1 + 4^3 + 12^0 + 18^2 = 17 + 31 + 43 + 120 + 182 \\
 393 &:= 1^7 + 5^3 + 6^0 + 10^1 + 16^2 = 17 + 53 + 60 + 101 + 162 \\
 393 &:= 1^7 + 6^1 + 6^3 + 12^0 + 13^2 = 17 + 61 + 63 + 120 + 132 \\
 393 &:= 1^7 + 6^2 + 7^3 + 12^0 + 12^1 = 17 + 62 + 73 + 120 + 121 \\
 393 &:= 1^8 + 1^8 + 2^4 + 14^1 + 19^2 = 18 + 18 + 24 + 141 + 192 \\
 393 &:= 1^8 + 1^9 + 5^2 + 7^3 + 23^1 = 18 + 19 + 52 + 73 + 231 \\
 393 &:= 1^8 + 2^1 + 8^0 + 10^2 + 17^2 = 18 + 21 + 80 + 102 + 172
 \end{aligned}$$

$$\begin{aligned}
 393 &:= 1^8 + 3^1 + 8^0 + 8^2 + 18^2 = 18 + 31 + 80 + 82 + 182 \\
 393 &:= 1^8 + 5^1 + 5^2 + 8^0 + 19^2 = 18 + 51 + 52 + 80 + 192 \\
 393 &:= 1^9 + 2^8 + 4^3 + 7^2 + 23^1 = 19 + 28 + 43 + 72 + 231 \\
 393 &:= 2^0 + 2^6 + 4^4 + 7^2 + 23^1 = 20 + 26 + 44 + 72 + 231 \\
 393 &:= 2^0 + 2^7 + 3^5 + 11^0 + 20^1 = 20 + 27 + 35 + 110 + 201 \\
 393 &:= 2^0 + 2^7 + 5^2 + 6^3 + 23^1 = 20 + 27 + 52 + 63 + 231 \\
 393 &:= 2^0 + 2^7 + 5^3 + 11^2 + 18^1 = 20 + 27 + 53 + 112 + 181 \\
 393 &:= 2^0 + 2^8 + 4^2 + 10^2 + 20^1 = 20 + 28 + 42 + 102 + 201 \\
 393 &:= 2^0 + 2^8 + 6^2 + 9^2 + 19^1 = 20 + 28 + 62 + 92 + 191 \\
 393 &:= 2^1 + 2^7 + 4^4 + 6^1 + 24^0 = 21 + 27 + 44 + 61 + 240 \\
 393 &:= 2^1 + 2^8 + 5^3 + 9^1 + 20^0 = 21 + 28 + 53 + 91 + 200 \\
 393 &:= 2^2 + 2^2 + 2^7 + 16^0 + 16^2 = 22 + 22 + 27 + 160 + 162 \\
 393 &:= 2^2 + 2^5 + 4^4 + 10^2 + 20^0 = 22 + 25 + 44 + 102 + 200 \\
 393 &:= 2^2 + 2^7 + 8^2 + 12^0 + 14^2 = 22 + 27 + 82 + 120 + 142 \\
 393 &:= 2^2 + 2^8 + 11^1 + 11^2 + 12^0 = 22 + 28 + 111 + 112 + 120 \\
 393 &:= 2^2 + 3^4 + 3^5 + 8^2 + 22^0 = 22 + 34 + 35 + 82 + 220 \\
 393 &:= 2^3 + 2^5 + 3^2 + 7^3 + 24^0 = 23 + 25 + 32 + 73 + 240 \\
 393 &:= 2^3 + 2^6 + 8^2 + 10^0 + 16^2 = 23 + 26 + 82 + 100 + 162 \\
 393 &:= 2^3 + 3^5 + 4^2 + 5^3 + 24^0 = 23 + 35 + 42 + 53 + 240 \\
 393 &:= 2^3 + 4^3 + 4^3 + 4^4 + 24^0 = 23 + 43 + 43 + 44 + 240 \\
 393 &:= 2^4 + 2^4 + 6^3 + 12^2 + 16^0 = 24 + 24 + 63 + 122 + 160 \\
 393 &:= 2^4 + 3^5 + 5^3 + 8^1 + 20^0 = 24 + 35 + 53 + 81 + 200 \\
 393 &:= 2^5 + 2^5 + 4^1 + 12^0 + 18^2 = 25 + 25 + 41 + 120 + 182
 \end{aligned}$$

$$\begin{aligned}
 393 &:= 2^5 + 3^5 + 6^0 + 10^2 + 17^1 = 25 + 35 + 60 + 102 + 171 \\
 393 &:= 2^6 + 2^7 + 2^7 + 7^2 + 24^1 = 26 + 27 + 27 + 72 + 241 \\
 393 &:= 2^6 + 4^4 + 8^1 + 8^2 + 16^0 = 26 + 44 + 81 + 82 + 160 \\
 393 &:= 2^7 + 3^0 + 3^5 + 10^0 + 20^1 = 27 + 30 + 35 + 100 + 201 \\
 393 &:= 2^7 + 3^1 + 4^4 + 5^1 + 24^0 = 27 + 31 + 44 + 51 + 240 \\
 393 &:= 2^7 + 3^3 + 6^0 + 12^1 + 15^2 = 27 + 33 + 60 + 121 + 152 \\
 393 &:= 2^7 + 3^5 + 4^0 + 9^0 + 20^1 = 27 + 35 + 40 + 90 + 201 \\
 393 &:= 2^7 + 3^5 + 5^0 + 8^0 + 20^1 = 27 + 35 + 50 + 80 + 201 \\
 393 &:= 2^7 + 3^5 + 6^0 + 7^0 + 20^1 = 27 + 35 + 60 + 70 + 201 \\
 393 &:= 2^7 + 4^1 + 4^1 + 4^4 + 24^0 = 27 + 41 + 41 + 44 + 240 \\
 393 &:= 2^7 + 4^1 + 4^3 + 14^0 + 14^2 = 27 + 41 + 43 + 140 + 142 \\
 393 &:= 2^7 + 6^2 + 6^3 + 12^0 + 12^1 = 27 + 62 + 63 + 120 + 121 \\
 393 &:= 2^7 + 8^0 + 8^2 + 10^2 + 10^2 = 27 + 80 + 82 + 102 + 102 \\
 393 &:= 2^8 + 3^1 + 5^3 + 8^1 + 20^0 = 28 + 31 + 53 + 81 + 200 \\
 393 &:= 2^8 + 3^2 + 6^1 + 11^2 + 16^0 = 28 + 32 + 61 + 112 + 160 \\
 393 &:= 2^8 + 4^1 + 5^3 + 7^1 + 20^0 = 28 + 41 + 53 + 71 + 200 \\
 393 &:= 2^8 + 5^1 + 5^3 + 6^1 + 20^0 = 28 + 51 + 53 + 61 + 200 \\
 393 &:= 2^8 + 5^2 + 10^0 + 10^2 + 11^1 = 28 + 52 + 100 + 102 + 111 \\
 393 &:= 2^8 + 6^1 + 7^2 + 9^2 + 14^0 = 28 + 61 + 72 + 92 + 140 \\
 393 &:= 2^8 + 8^1 + 8^2 + 8^2 + 12^0 = 28 + 81 + 82 + 82 + 120 \\
 393 &:= 3^4 + 3^5 + 4^1 + 4^3 + 24^0 = 34 + 35 + 41 + 43 + 240
 \end{aligned}$$

2.2.295 Number 394

$$\begin{aligned}
 394 &:= 1^0 + 10^0 + 14^2 + 14^2 = 10 + 100 + 142 + 142 \\
 394 &:= 1^7 + 2^4 + 16^1 + 19^2 = 17 + 24 + 161 + 192 \\
 394 &:= 1^8 + 5^2 + 7^3 + 25^1 = 18 + 52 + 73 + 251 \\
 394 &:= 1^9 + 7^2 + 7^3 + 23^0 = 19 + 72 + 73 + 230 \\
 394 &:= 2^0 + 9^0 + 14^2 + 14^2 = 20 + 90 + 142 + 142 \\
 394 &:= 2^4 + 2^8 + 11^2 + 23^0 = 24 + 28 + 112 + 230 \\
 394 &:= 2^8 + 4^3 + 7^2 + 25^1 = 28 + 43 + 72 + 251 \\
 394 &:= 3^0 + 8^0 + 14^2 + 14^2 = 30 + 80 + 142 + 142 \\
 394 &:= 4^0 + 7^0 + 14^2 + 14^2 = 40 + 70 + 142 + 142 \\
 394 &:= 5^0 + 6^0 + 14^2 + 14^2 = 50 + 60 + 142 + 142 \\
 394 &:= 1^0 + 1^7 + 2^4 + 15^1 + 19^2 = 10 + 17 + 24 + 151 + 192 \\
 394 &:= 1^0 + 1^8 + 5^2 + 7^3 + 24^1 = 10 + 18 + 52 + 73 + 241 \\
 394 &:= 1^0 + 2^8 + 4^3 + 7^2 + 24^1 = 10 + 28 + 43 + 72 + 241
 \end{aligned}$$

$$\begin{aligned}
 394 &:= 1^1 + 1^6 + 2^4 + 15^1 + 19^2 = 11 + 16 + 24 + 151 + 192 \\
 394 &:= 1^1 + 1^7 + 5^2 + 7^3 + 24^1 = 11 + 17 + 52 + 73 + 241 \\
 394 &:= 1^1 + 2^6 + 4^4 + 7^2 + 24^1 = 11 + 26 + 44 + 72 + 241 \\
 394 &:= 1^1 + 2^7 + 3^5 + 11^0 + 21^1 = 11 + 27 + 35 + 110 + 211 \\
 394 &:= 1^1 + 2^7 + 5^2 + 6^3 + 24^1 = 11 + 27 + 52 + 63 + 241 \\
 394 &:= 1^1 + 2^7 + 5^3 + 11^2 + 19^1 = 11 + 27 + 53 + 112 + 191 \\
 394 &:= 1^1 + 2^8 + 4^2 + 10^2 + 21^1 = 11 + 28 + 42 + 102 + 211 \\
 394 &:= 1^1 + 2^8 + 6^2 + 9^2 + 20^1 = 11 + 28 + 62 + 92 + 201 \\
 394 &:= 1^2 + 1^5 + 2^4 + 15^1 + 19^2 = 12 + 15 + 24 + 151 + 192 \\
 394 &:= 1^2 + 1^6 + 5^2 + 7^3 + 24^1 = 12 + 16 + 52 + 73 + 241 \\
 394 &:= 1^2 + 2^3 + 2^7 + 16^2 + 17^0 = 12 + 23 + 27 + 162 + 170 \\
 394 &:= 1^2 + 2^7 + 4^4 + 8^1 + 23^0 = 12 + 27 + 44 + 81 + 230 \\
 394 &:= 1^2 + 2^7 + 5^2 + 15^1 + 15^2 = 12 + 27 + 52 + 151 + 152
 \end{aligned}$$

$$\begin{aligned} 394 &:= 1^2 + 2^8 + 5^3 + 11^1 + 19^0 = 12 + 28 + 53 + 111 + 190 \\ 394 &:= 1^2 + 2^8 + 6^2 + 10^2 + 19^0 = 12 + 28 + 62 + 102 + 190 \\ 394 &:= 1^3 + 1^4 + 2^4 + 15^1 + 19^2 = 13 + 14 + 24 + 151 + 192 \\ 394 &:= 1^3 + 1^5 + 5^2 + 7^3 + 24^1 = 13 + 15 + 52 + 73 + 241 \\ 394 &:= 1^3 + 2^3 + 2^4 + 7^3 + 26^1 = 13 + 23 + 24 + 73 + 261 \\ 394 &:= 1^3 + 2^3 + 3^5 + 11^2 + 21^1 = 13 + 23 + 35 + 112 + 211 \\ 394 &:= 1^3 + 2^4 + 4^4 + 10^2 + 21^1 = 13 + 24 + 44 + 102 + 211 \\ 394 &:= 1^3 + 2^8 + 9^0 + 11^2 + 15^1 = 13 + 28 + 90 + 112 + 151 \\ 394 &:= 1^3 + 3^5 + 4^3 + 8^2 + 22^1 = 13 + 35 + 43 + 82 + 221 \\ 394 &:= 1^4 + 1^4 + 5^2 + 7^3 + 24^1 = 14 + 14 + 52 + 73 + 241 \\ 394 &:= 1^4 + 2^2 + 2^6 + 15^0 + 18^2 = 14 + 22 + 26 + 150 + 182 \\ 394 &:= 1^4 + 2^3 + 3^4 + 15^1 + 17^2 = 14 + 23 + 34 + 151 + 172 \\ 394 &:= 1^4 + 2^4 + 3^2 + 7^3 + 25^1 = 14 + 24 + 32 + 73 + 251 \\ 394 &:= 1^4 + 2^4 + 6^3 + 12^2 + 17^1 = 14 + 24 + 63 + 122 + 171 \\ 394 &:= 1^4 + 2^5 + 5^2 + 12^1 + 18^2 = 14 + 25 + 52 + 121 + 182 \\ 394 &:= 1^4 + 2^5 + 6^3 + 12^2 + 17^0 = 14 + 25 + 63 + 122 + 170 \\ 394 &:= 1^4 + 2^7 + 8^1 + 11^0 + 16^2 = 14 + 27 + 81 + 110 + 162 \\ 394 &:= 1^4 + 3^2 + 3^5 + 11^2 + 20^1 = 14 + 32 + 35 + 112 + 201 \\ 394 &:= 1^5 + 2^4 + 8^1 + 12^2 + 15^2 = 15 + 24 + 81 + 122 + 152 \\ 394 &:= 1^5 + 2^5 + 6^2 + 11^0 + 18^2 = 15 + 25 + 62 + 110 + 182 \\ 394 &:= 1^5 + 2^5 + 7^3 + 11^0 + 17^1 = 15 + 25 + 73 + 110 + 171 \\ 394 &:= 1^5 + 2^6 + 4^1 + 13^0 + 18^2 = 15 + 26 + 41 + 130 + 182 \\ 394 &:= 1^5 + 3^2 + 3^4 + 14^1 + 17^2 = 15 + 32 + 34 + 141 + 172 \\ 394 &:= 1^5 + 3^3 + 4^3 + 13^1 + 17^2 = 15 + 33 + 43 + 131 + 172 \\ 394 &:= 1^5 + 3^5 + 5^0 + 5^3 + 24^1 = 15 + 35 + 50 + 53 + 241 \\ 394 &:= 1^5 + 3^5 + 7^2 + 10^2 + 17^0 = 15 + 35 + 72 + 102 + 170 \\ 394 &:= 1^6 + 2^1 + 2^4 + 14^1 + 19^2 = 16 + 21 + 24 + 141 + 192 \\ 394 &:= 1^6 + 2^3 + 8^1 + 11^2 + 16^2 = 16 + 23 + 81 + 112 + 162 \\ 394 &:= 1^6 + 2^4 + 3^1 + 13^1 + 19^2 = 16 + 24 + 31 + 131 + 192 \\ 394 &:= 1^6 + 2^4 + 4^1 + 12^1 + 19^2 = 16 + 24 + 41 + 121 + 192 \\ 394 &:= 1^6 + 2^4 + 5^1 + 11^1 + 19^2 = 16 + 24 + 51 + 111 + 192 \\ 394 &:= 1^6 + 2^4 + 6^1 + 10^1 + 19^2 = 16 + 24 + 61 + 101 + 192 \\ 394 &:= 1^6 + 2^4 + 7^1 + 9^1 + 19^2 = 16 + 24 + 71 + 91 + 192 \\ 394 &:= 1^6 + 2^4 + 8^1 + 8^1 + 19^2 = 16 + 24 + 81 + 81 + 192 \\ 394 &:= 1^6 + 3^5 + 5^1 + 12^2 + 17^0 = 16 + 35 + 51 + 122 + 170 \\ 394 &:= 1^6 + 4^2 + 8^2 + 12^2 + 13^2 = 16 + 42 + 82 + 122 + 132 \\ 394 &:= 1^6 + 4^2 + 9^2 + 10^2 + 14^2 = 16 + 42 + 92 + 102 + 142 \\ 394 &:= 1^6 + 4^3 + 8^2 + 9^1 + 16^2 = 16 + 43 + 82 + 91 + 162 \end{aligned}$$

$$\begin{aligned} 394 &:= 1^6 + 4^4 + 5^3 + 11^1 + 17^0 = 16 + 44 + 53 + 111 + 170 \\ 394 &:= 1^6 + 4^4 + 6^2 + 10^2 + 17^0 = 16 + 44 + 62 + 102 + 170 \\ 394 &:= 1^6 + 6^3 + 8^2 + 10^2 + 13^1 = 16 + 63 + 82 + 102 + 131 \\ 394 &:= 1^7 + 2^1 + 5^2 + 7^3 + 23^1 = 17 + 21 + 52 + 73 + 231 \\ 394 &:= 1^7 + 2^2 + 3^3 + 13^0 + 19^2 = 17 + 22 + 33 + 130 + 192 \\ 394 &:= 1^7 + 2^2 + 4^2 + 12^1 + 19^2 = 17 + 22 + 42 + 121 + 192 \\ 394 &:= 1^7 + 2^2 + 4^3 + 13^0 + 18^2 = 17 + 22 + 43 + 130 + 182 \\ 394 &:= 1^7 + 3^1 + 10^2 + 11^2 + 13^2 = 17 + 31 + 102 + 112 + 132 \\ 394 &:= 1^7 + 3^1 + 5^2 + 7^3 + 22^1 = 17 + 31 + 52 + 73 + 221 \\ 394 &:= 1^7 + 3^2 + 7^1 + 11^2 + 16^2 = 17 + 32 + 71 + 112 + 162 \\ 394 &:= 1^7 + 3^3 + 5^0 + 7^3 + 22^1 = 17 + 33 + 50 + 73 + 221 \\ 394 &:= 1^7 + 3^3 + 7^0 + 13^2 + 14^2 = 17 + 33 + 70 + 132 + 142 \\ 394 &:= 1^7 + 4^1 + 5^2 + 7^3 + 21^1 = 17 + 41 + 52 + 73 + 211 \\ 394 &:= 1^7 + 4^1 + 7^2 + 12^2 + 14^2 = 17 + 41 + 72 + 122 + 142 \\ 394 &:= 1^7 + 4^1 + 8^2 + 10^2 + 15^2 = 17 + 41 + 82 + 102 + 152 \\ 394 &:= 1^7 + 4^2 + 7^1 + 9^2 + 17^2 = 17 + 42 + 71 + 92 + 172 \\ 394 &:= 1^7 + 4^4 + 7^0 + 11^2 + 15^1 = 17 + 44 + 70 + 112 + 151 \\ 394 &:= 1^7 + 5^1 + 5^2 + 7^3 + 20^1 = 17 + 51 + 52 + 73 + 201 \\ 394 &:= 1^7 + 5^2 + 6^1 + 7^3 + 19^1 = 17 + 52 + 61 + 73 + 191 \\ 394 &:= 1^7 + 5^2 + 6^2 + 8^1 + 18^2 = 17 + 52 + 62 + 81 + 182 \\ 394 &:= 1^7 + 5^2 + 7^1 + 7^3 + 18^1 = 17 + 52 + 71 + 73 + 181 \\ 394 &:= 1^7 + 5^2 + 7^3 + 10^1 + 15^1 = 17 + 52 + 73 + 101 + 151 \\ 394 &:= 1^7 + 5^2 + 7^3 + 11^1 + 14^1 = 17 + 52 + 73 + 111 + 141 \\ 394 &:= 1^7 + 5^2 + 7^3 + 12^1 + 13^1 = 17 + 52 + 73 + 121 + 131 \\ 394 &:= 1^7 + 5^2 + 7^3 + 8^1 + 17^1 = 17 + 52 + 73 + 81 + 171 \\ 394 &:= 1^7 + 5^2 + 7^3 + 9^1 + 16^1 = 17 + 52 + 73 + 91 + 161 \\ 394 &:= 1^7 + 6^1 + 7^2 + 7^2 + 17^2 = 17 + 61 + 72 + 72 + 172 \\ 394 &:= 1^8 + 2^2 + 8^2 + 9^0 + 18^2 = 18 + 22 + 82 + 90 + 182 \\ 394 &:= 1^8 + 2^7 + 2^8 + 8^1 + 24^0 = 18 + 27 + 28 + 81 + 240 \\ 394 &:= 1^8 + 3^3 + 4^1 + 11^0 + 19^2 = 18 + 33 + 41 + 110 + 192 \\ 394 &:= 1^8 + 4^1 + 4^3 + 11^0 + 18^2 = 18 + 41 + 43 + 110 + 182 \\ 394 &:= 1^8 + 5^0 + 5^3 + 11^1 + 16^2 = 18 + 50 + 53 + 111 + 162 \\ 394 &:= 1^8 + 5^0 + 6^2 + 10^2 + 16^2 = 18 + 50 + 62 + 102 + 162 \\ 394 &:= 1^8 + 6^2 + 7^3 + 11^0 + 13^1 = 18 + 62 + 73 + 110 + 131 \\ 394 &:= 1^8 + 6^3 + 7^1 + 11^0 + 13^2 = 18 + 63 + 71 + 110 + 132 \\ 394 &:= 1^9 + 3^1 + 7^0 + 10^2 + 17^2 = 19 + 31 + 70 + 102 + 172 \\ 394 &:= 1^9 + 4^1 + 7^0 + 8^2 + 18^2 = 19 + 41 + 70 + 82 + 182 \\ 394 &:= 1^9 + 5^2 + 6^1 + 7^0 + 19^2 = 19 + 52 + 61 + 70 + 192 \end{aligned}$$

$$\begin{aligned} 394 &:= 2^1 + 2^6 + 4^4 + 7^2 + 23^1 = 21 + 26 + 44 + 72 + 231 \\ 394 &:= 2^1 + 2^7 + 3^5 + 11^0 + 20^1 = 21 + 27 + 35 + 110 + 201 \\ 394 &:= 2^1 + 2^7 + 5^2 + 6^3 + 23^1 = 21 + 27 + 52 + 63 + 231 \\ 394 &:= 2^1 + 2^7 + 5^3 + 11^2 + 18^1 = 21 + 27 + 53 + 112 + 181 \\ 394 &:= 2^1 + 2^8 + 4^2 + 10^2 + 20^1 = 21 + 28 + 42 + 102 + 201 \\ 394 &:= 2^1 + 2^8 + 6^2 + 9^2 + 19^1 = 21 + 28 + 62 + 92 + 191 \\ 394 &:= 2^2 + 2^5 + 4^4 + 9^2 + 21^1 = 22 + 25 + 44 + 92 + 211 \\ 394 &:= 2^2 + 2^7 + 4^4 + 5^1 + 25^0 = 22 + 27 + 44 + 51 + 250 \\ 394 &:= 2^2 + 2^7 + 9^2 + 12^1 + 13^2 = 22 + 27 + 92 + 121 + 132 \\ 394 &:= 2^2 + 2^8 + 5^3 + 8^1 + 21^0 = 22 + 28 + 53 + 81 + 210 \\ 394 &:= 2^2 + 3^3 + 3^4 + 4^4 + 26^1 = 22 + 33 + 34 + 44 + 261 \\ 394 &:= 2^3 + 2^5 + 6^3 + 11^2 + 17^1 = 23 + 25 + 63 + 112 + 171 \\ 394 &:= 2^3 + 2^6 + 5^3 + 14^2 + 15^0 = 23 + 26 + 53 + 142 + 150 \\ 394 &:= 2^3 + 2^6 + 9^1 + 12^2 + 13^2 = 23 + 26 + 91 + 122 + 132 \\ 394 &:= 2^3 + 2^7 + 3^0 + 4^4 + 27^0 = 23 + 27 + 30 + 44 + 270 \\ 394 &:= 2^3 + 2^7 + 4^0 + 4^4 + 26^0 = 23 + 27 + 40 + 44 + 260 \\ 394 &:= 2^3 + 2^7 + 4^4 + 10^0 + 20^0 = 23 + 27 + 44 + 100 + 200 \\ 394 &:= 2^3 + 2^7 + 4^4 + 11^0 + 19^0 = 23 + 27 + 44 + 110 + 190 \\ 394 &:= 2^3 + 2^7 + 4^4 + 12^0 + 18^0 = 23 + 27 + 44 + 120 + 180 \\ 394 &:= 2^3 + 2^7 + 4^4 + 13^0 + 17^0 = 23 + 27 + 44 + 130 + 170 \\ 394 &:= 2^3 + 2^7 + 4^4 + 14^0 + 16^0 = 23 + 27 + 44 + 140 + 160 \\ 394 &:= 2^3 + 2^7 + 4^4 + 15^0 + 15^0 = 23 + 27 + 44 + 150 + 150 \\ 394 &:= 2^3 + 2^7 + 4^4 + 5^0 + 25^0 = 23 + 27 + 44 + 50 + 250 \\ 394 &:= 2^3 + 2^7 + 4^4 + 6^0 + 24^0 = 23 + 27 + 44 + 60 + 240 \\ 394 &:= 2^3 + 2^7 + 4^4 + 7^0 + 23^0 = 23 + 27 + 44 + 70 + 230 \\ 394 &:= 2^3 + 2^7 + 4^4 + 8^0 + 22^0 = 23 + 27 + 44 + 80 + 220 \\ 394 &:= 2^3 + 2^7 + 4^4 + 9^0 + 21^0 = 23 + 27 + 44 + 90 + 210 \\ 394 &:= 2^3 + 2^8 + 8^1 + 11^2 + 15^0 = 23 + 28 + 81 + 112 + 150 \\ 394 &:= 2^3 + 3^4 + 4^4 + 5^2 + 24^1 = 23 + 34 + 44 + 52 + 241 \\ 394 &:= 2^4 + 2^5 + 3^2 + 13^1 + 18^2 = 24 + 25 + 32 + 131 + 182 \\ 394 &:= 2^4 + 2^5 + 8^1 + 13^2 + 13^2 = 24 + 25 + 81 + 132 + 132 \\ 394 &:= 2^4 + 2^5 + 9^1 + 9^2 + 16^2 = 24 + 25 + 91 + 92 + 162 \\ 394 &:= 2^4 + 2^6 + 9^0 + 12^2 + 13^2 = 24 + 26 + 90 + 122 + 132 \\ 394 &:= 2^4 + 3^2 + 3^5 + 5^3 + 25^0 = 24 + 32 + 35 + 53 + 250 \\ 394 &:= 2^4 + 3^3 + 3^4 + 14^1 + 16^2 = 24 + 33 + 34 + 141 + 162 \\ 394 &:= 2^4 + 3^5 + 4^2 + 10^2 + 19^1 = 24 + 35 + 42 + 102 + 191 \\ 394 &:= 2^4 + 3^5 + 6^2 + 9^2 + 18^1 = 24 + 35 + 62 + 92 + 181 \\ 394 &:= 2^4 + 4^3 + 4^4 + 6^2 + 22^1 = 24 + 43 + 44 + 62 + 221 \end{aligned}$$

$$\begin{aligned} 394 &:= 2^5 + 2^6 + 8^1 + 9^0 + 17^2 = 25 + 26 + 81 + 90 + 172 \\ 394 &:= 2^5 + 3^3 + 5^3 + 14^1 + 14^2 = 25 + 33 + 53 + 141 + 142 \\ 394 &:= 2^5 + 3^4 + 4^4 + 5^0 + 24^1 = 25 + 34 + 44 + 50 + 241 \\ 394 &:= 2^5 + 3^4 + 6^3 + 8^2 + 19^0 = 25 + 34 + 63 + 82 + 190 \\ 394 &:= 2^5 + 4^3 + 6^3 + 8^2 + 18^1 = 25 + 43 + 63 + 82 + 181 \\ 394 &:= 2^6 + 3^0 + 3^5 + 8^2 + 22^1 = 26 + 30 + 35 + 82 + 221 \\ 394 &:= 2^6 + 3^1 + 4^4 + 7^2 + 22^1 = 26 + 31 + 44 + 72 + 221 \\ 394 &:= 2^6 + 3^2 + 4^4 + 8^2 + 21^0 = 26 + 32 + 44 + 82 + 210 \\ 394 &:= 2^6 + 3^3 + 6^2 + 11^1 + 16^2 = 26 + 33 + 62 + 111 + 162 \\ 394 &:= 2^6 + 3^5 + 5^1 + 9^2 + 19^0 = 26 + 35 + 51 + 92 + 190 \\ 394 &:= 2^6 + 4^1 + 4^4 + 7^2 + 21^1 = 26 + 41 + 44 + 72 + 211 \\ 394 &:= 2^6 + 4^2 + 6^3 + 9^2 + 17^1 = 26 + 42 + 63 + 92 + 171 \\ 394 &:= 2^6 + 4^3 + 4^4 + 9^1 + 19^0 = 26 + 43 + 44 + 91 + 190 \\ 394 &:= 2^6 + 4^3 + 6^3 + 7^2 + 19^0 = 26 + 43 + 63 + 72 + 190 \\ 394 &:= 2^6 + 4^4 + 5^1 + 7^2 + 20^1 = 26 + 44 + 51 + 72 + 201 \\ 394 &:= 2^6 + 4^4 + 6^1 + 7^2 + 19^1 = 26 + 44 + 61 + 72 + 191 \\ 394 &:= 2^6 + 4^4 + 7^1 + 7^2 + 18^1 = 26 + 44 + 71 + 72 + 181 \\ 394 &:= 2^6 + 4^4 + 7^2 + 10^1 + 15^1 = 26 + 44 + 72 + 101 + 151 \\ 394 &:= 2^6 + 4^4 + 7^2 + 11^1 + 14^1 = 26 + 44 + 72 + 111 + 141 \\ 394 &:= 2^6 + 4^4 + 7^2 + 12^1 + 13^1 = 26 + 44 + 72 + 121 + 131 \\ 394 &:= 2^6 + 4^4 + 7^2 + 8^1 + 17^1 = 26 + 44 + 72 + 81 + 171 \\ 394 &:= 2^6 + 4^4 + 7^2 + 9^1 + 16^1 = 26 + 44 + 72 + 91 + 161 \\ 394 &:= 2^6 + 5^3 + 7^2 + 12^1 + 12^2 = 26 + 53 + 72 + 121 + 122 \\ 394 &:= 2^6 + 6^3 + 7^2 + 7^2 + 16^1 = 26 + 63 + 72 + 72 + 161 \\ 394 &:= 2^6 + 7^2 + 9^2 + 10^2 + 10^2 = 26 + 72 + 92 + 102 + 102 \\ 394 &:= 2^6 + 8^2 + 8^2 + 9^2 + 11^2 = 26 + 82 + 82 + 92 + 112 \\ 394 &:= 2^7 + 3^1 + 3^5 + 11^0 + 19^1 = 27 + 31 + 35 + 110 + 191 \\ 394 &:= 2^7 + 3^1 + 5^2 + 6^3 + 22^1 = 27 + 31 + 52 + 63 + 221 \\ 394 &:= 2^7 + 3^1 + 5^3 + 11^2 + 17^1 = 27 + 31 + 53 + 112 + 171 \\ 394 &:= 2^7 + 3^2 + 7^2 + 12^1 + 14^2 = 27 + 32 + 72 + 121 + 142 \\ 394 &:= 2^7 + 3^3 + 5^0 + 6^3 + 22^1 = 27 + 33 + 50 + 63 + 221 \\ 394 &:= 2^7 + 3^4 + 5^0 + 13^2 + 15^1 = 27 + 34 + 50 + 132 + 151 \\ 394 &:= 2^7 + 3^5 + 10^1 + 11^0 + 12^1 = 27 + 35 + 101 + 110 + 121 \\ 394 &:= 2^7 + 3^5 + 11^0 + 11^1 + 11^1 = 27 + 35 + 110 + 111 + 111 \\ 394 &:= 2^7 + 3^5 + 4^1 + 11^0 + 18^1 = 27 + 35 + 41 + 110 + 181 \\ 394 &:= 2^7 + 3^5 + 5^1 + 11^0 + 17^1 = 27 + 35 + 51 + 110 + 171 \\ 394 &:= 2^7 + 3^5 + 6^1 + 11^0 + 16^1 = 27 + 35 + 61 + 110 + 161 \\ 394 &:= 2^7 + 3^5 + 7^1 + 11^0 + 15^1 = 27 + 35 + 71 + 110 + 151 \end{aligned}$$

$$\begin{aligned}
 394 &:= 2^7 + 3^5 + 8^1 + 11^0 + 14^1 = 27 + 35 + 81 + 110 + 141 \\
 394 &:= 2^7 + 3^5 + 9^1 + 11^0 + 13^1 = 27 + 35 + 91 + 110 + 131 \\
 394 &:= 2^7 + 4^1 + 5^2 + 6^3 + 21^1 = 27 + 41 + 52 + 63 + 211 \\
 394 &:= 2^7 + 4^1 + 5^3 + 11^2 + 16^1 = 27 + 41 + 53 + 112 + 161 \\
 394 &:= 2^7 + 5^1 + 5^2 + 6^3 + 20^1 = 27 + 51 + 52 + 63 + 201 \\
 394 &:= 2^7 + 5^1 + 5^3 + 11^2 + 15^1 = 27 + 51 + 53 + 112 + 151 \\
 394 &:= 2^7 + 5^2 + 6^1 + 6^3 + 19^1 = 27 + 52 + 61 + 63 + 191 \\
 394 &:= 2^7 + 5^2 + 6^3 + 10^1 + 15^1 = 27 + 52 + 63 + 101 + 151 \\
 394 &:= 2^7 + 5^2 + 6^3 + 11^1 + 14^1 = 27 + 52 + 63 + 111 + 141 \\
 394 &:= 2^7 + 5^2 + 6^3 + 12^1 + 13^1 = 27 + 52 + 63 + 121 + 131 \\
 394 &:= 2^7 + 5^2 + 6^3 + 7^1 + 18^1 = 27 + 52 + 63 + 71 + 181 \\
 394 &:= 2^7 + 5^2 + 6^3 + 8^1 + 17^1 = 27 + 52 + 63 + 81 + 171 \\
 394 &:= 2^7 + 5^2 + 6^3 + 9^1 + 16^1 = 27 + 52 + 63 + 91 + 161 \\
 394 &:= 2^7 + 5^3 + 10^1 + 10^1 + 11^2 = 27 + 53 + 101 + 101 + 112 \\
 394 &:= 2^7 + 5^3 + 5^3 + 11^0 + 15^1 = 27 + 53 + 53 + 110 + 151 \\
 394 &:= 2^7 + 5^3 + 6^1 + 11^2 + 14^1 = 27 + 53 + 61 + 112 + 141 \\
 394 &:= 2^7 + 5^3 + 7^1 + 11^2 + 13^1 = 27 + 53 + 71 + 112 + 131 \\
 394 &:= 2^7 + 5^3 + 8^1 + 11^2 + 12^1 = 27 + 53 + 81 + 112 + 121 \\
 394 &:= 2^7 + 5^3 + 9^1 + 11^1 + 11^2 = 27 + 53 + 91 + 111 + 112 \\
 394 &:= 2^7 + 6^2 + 9^1 + 10^2 + 11^2 = 27 + 62 + 91 + 102 + 112 \\
 394 &:= 2^7 + 7^2 + 8^2 + 9^1 + 12^2 = 27 + 72 + 82 + 91 + 122 \\
 394 &:= 2^8 + 3^1 + 3^2 + 5^3 + 25^0 = 28 + 31 + 32 + 53 + 250
 \end{aligned}$$

$$\begin{aligned}
 394 &:= 2^8 + 3^1 + 4^2 + 10^2 + 19^1 = 28 + 31 + 42 + 102 + 191 \\
 394 &:= 2^8 + 3^1 + 6^2 + 9^2 + 18^1 = 28 + 31 + 62 + 92 + 181 \\
 394 &:= 2^8 + 3^2 + 8^2 + 8^2 + 17^0 = 28 + 32 + 82 + 82 + 170 \\
 394 &:= 2^8 + 3^3 + 10^1 + 10^2 + 13^0 = 28 + 33 + 101 + 102 + 130 \\
 394 &:= 2^8 + 4^1 + 4^2 + 10^2 + 18^1 = 28 + 41 + 42 + 102 + 181 \\
 394 &:= 2^8 + 4^1 + 6^2 + 9^2 + 17^1 = 28 + 41 + 62 + 92 + 171 \\
 394 &:= 2^8 + 4^2 + 10^1 + 10^2 + 12^1 = 28 + 42 + 101 + 102 + 121 \\
 394 &:= 2^8 + 4^2 + 10^2 + 11^1 + 11^1 = 28 + 42 + 102 + 111 + 111 \\
 394 &:= 2^8 + 4^2 + 5^1 + 10^2 + 17^1 = 28 + 42 + 51 + 102 + 171 \\
 394 &:= 2^8 + 4^2 + 6^1 + 10^2 + 16^1 = 28 + 42 + 61 + 102 + 161 \\
 394 &:= 2^8 + 4^2 + 7^1 + 10^2 + 15^1 = 28 + 42 + 71 + 102 + 151 \\
 394 &:= 2^8 + 4^2 + 8^1 + 10^2 + 14^1 = 28 + 42 + 81 + 102 + 141 \\
 394 &:= 2^8 + 4^2 + 9^1 + 10^2 + 13^1 = 28 + 42 + 91 + 102 + 131 \\
 394 &:= 2^8 + 4^3 + 8^2 + 9^1 + 15^0 = 28 + 43 + 82 + 91 + 150 \\
 394 &:= 2^8 + 5^1 + 6^2 + 9^2 + 16^1 = 28 + 51 + 62 + 92 + 161 \\
 394 &:= 2^8 + 6^1 + 6^2 + 9^2 + 15^1 = 28 + 61 + 62 + 92 + 151 \\
 394 &:= 2^8 + 6^2 + 7^1 + 9^2 + 14^1 = 28 + 62 + 71 + 92 + 141 \\
 394 &:= 2^8 + 6^2 + 8^1 + 9^2 + 13^1 = 28 + 62 + 81 + 92 + 131 \\
 394 &:= 2^8 + 6^2 + 9^1 + 9^2 + 12^1 = 28 + 62 + 91 + 92 + 121 \\
 394 &:= 2^8 + 6^2 + 9^2 + 10^1 + 11^1 = 28 + 62 + 92 + 101 + 111
 \end{aligned}$$

2.2.296 Number 395

$$\begin{aligned}
 395 &:= 1^8 + 2^5 + 16^0 + 19^2 = 18 + 25 + 160 + 192 \\
 395 &:= 2^1 + 9^0 + 14^2 + 14^2 = 21 + 90 + 142 + 142 \\
 395 &:= 5^1 + 7^0 + 10^2 + 17^2 = 51 + 70 + 102 + 172 \\
 395 &:= 5^2 + 7^0 + 8^1 + 19^2 = 52 + 70 + 81 + 192 \\
 395 &:= 6^1 + 7^0 + 8^2 + 18^2 = 61 + 70 + 82 + 182 \\
 395 &:= 1^0 + 1^0 + 7^2 + 7^3 + 23^0 = 10 + 10 + 72 + 73 + 230 \\
 395 &:= 1^0 + 1^1 + 9^0 + 14^2 + 14^2 = 10 + 11 + 90 + 142 + 142 \\
 395 &:= 1^0 + 2^0 + 7^2 + 7^3 + 22^0 = 10 + 20 + 72 + 73 + 220 \\
 395 &:= 1^0 + 3^0 + 7^2 + 7^3 + 21^0 = 10 + 30 + 72 + 73 + 210 \\
 395 &:= 1^0 + 4^0 + 7^2 + 7^3 + 20^0 = 10 + 40 + 72 + 73 + 200 \\
 395 &:= 1^0 + 4^1 + 7^0 + 10^2 + 17^2 = 10 + 41 + 70 + 102 + 172 \\
 395 &:= 1^0 + 5^0 + 7^2 + 7^3 + 19^0 = 10 + 50 + 72 + 73 + 190 \\
 395 &:= 1^0 + 5^1 + 7^0 + 8^2 + 18^2 = 10 + 51 + 70 + 82 + 182 \\
 395 &:= 1^0 + 5^2 + 7^0 + 7^1 + 19^2 = 10 + 52 + 70 + 71 + 192
 \end{aligned}$$

$$\begin{aligned}
 395 &:= 1^0 + 6^0 + 7^2 + 7^3 + 18^0 = 10 + 60 + 72 + 73 + 180 \\
 395 &:= 1^0 + 7^0 + 7^2 + 7^3 + 17^0 = 10 + 70 + 72 + 73 + 170 \\
 395 &:= 1^0 + 7^2 + 7^3 + 10^0 + 14^0 = 10 + 72 + 73 + 100 + 140 \\
 395 &:= 1^0 + 7^2 + 7^3 + 11^0 + 13^0 = 10 + 72 + 73 + 110 + 130 \\
 395 &:= 1^0 + 7^2 + 7^3 + 12^0 + 12^0 = 10 + 72 + 73 + 120 + 120 \\
 395 &:= 1^0 + 7^2 + 7^3 + 8^0 + 16^0 = 10 + 72 + 73 + 80 + 160 \\
 395 &:= 1^0 + 7^2 + 7^3 + 9^0 + 15^0 = 10 + 72 + 73 + 90 + 150 \\
 395 &:= 1^1 + 1^9 + 7^2 + 7^3 + 22^0 = 11 + 19 + 72 + 73 + 220 \\
 395 &:= 1^1 + 2^0 + 8^0 + 14^2 + 14^2 = 11 + 20 + 80 + 142 + 142 \\
 395 &:= 1^1 + 2^4 + 2^8 + 11^2 + 22^0 = 11 + 24 + 28 + 112 + 220 \\
 395 &:= 1^1 + 3^0 + 7^0 + 14^2 + 14^2 = 11 + 30 + 70 + 142 + 142 \\
 395 &:= 1^1 + 4^0 + 6^0 + 14^2 + 14^2 = 11 + 40 + 60 + 142 + 142 \\
 395 &:= 1^1 + 5^0 + 5^0 + 14^2 + 14^2 = 11 + 50 + 50 + 142 + 142 \\
 395 &:= 1^2 + 1^8 + 7^2 + 7^3 + 22^0 = 12 + 18 + 72 + 73 + 220
 \end{aligned}$$

$$\begin{aligned} 395 &:= 1^2 + 1^9 + 8^0 + 14^2 + 14^2 = 12 + 19 + 80 + 142 + 142 \\ 395 &:= 1^2 + 2^7 + 3^5 + 10^0 + 22^1 = 12 + 27 + 35 + 100 + 221 \\ 395 &:= 1^3 + 1^7 + 7^2 + 7^3 + 22^0 = 13 + 17 + 72 + 73 + 220 \\ 395 &:= 1^3 + 1^8 + 8^0 + 14^2 + 14^2 = 13 + 18 + 80 + 142 + 142 \\ 395 &:= 1^3 + 2^7 + 4^4 + 9^1 + 22^0 = 13 + 27 + 44 + 91 + 220 \\ 395 &:= 1^3 + 2^7 + 6^3 + 7^2 + 22^0 = 13 + 27 + 63 + 72 + 220 \\ 395 &:= 1^3 + 2^8 + 4^2 + 11^2 + 20^0 = 13 + 28 + 42 + 112 + 200 \\ 395 &:= 1^3 + 2^8 + 5^3 + 12^1 + 18^0 = 13 + 28 + 53 + 121 + 180 \\ 395 &:= 1^4 + 1^6 + 7^2 + 7^3 + 22^0 = 14 + 16 + 72 + 73 + 220 \\ 395 &:= 1^4 + 1^7 + 8^0 + 14^2 + 14^2 = 14 + 17 + 80 + 142 + 142 \\ 395 &:= 1^4 + 2^7 + 11^2 + 12^0 + 12^2 = 14 + 27 + 112 + 120 + 122 \\ 395 &:= 1^4 + 2^7 + 3^2 + 16^0 + 16^2 = 14 + 27 + 32 + 160 + 162 \\ 395 &:= 1^4 + 2^8 + 8^0 + 11^2 + 16^1 = 14 + 28 + 80 + 112 + 161 \\ 395 &:= 1^5 + 1^5 + 7^2 + 7^3 + 22^0 = 15 + 15 + 72 + 73 + 220 \\ 395 &:= 1^5 + 1^6 + 8^0 + 14^2 + 14^2 = 15 + 16 + 80 + 142 + 142 \\ 395 &:= 1^5 + 2^4 + 2^4 + 14^0 + 19^2 = 15 + 24 + 24 + 140 + 192 \\ 395 &:= 1^5 + 2^4 + 4^4 + 11^2 + 20^0 = 15 + 24 + 44 + 112 + 200 \\ 395 &:= 1^5 + 2^7 + 9^1 + 10^0 + 16^2 = 15 + 27 + 91 + 100 + 162 \\ 395 &:= 1^5 + 3^5 + 5^2 + 5^3 + 24^0 = 15 + 35 + 52 + 53 + 240 \\ 395 &:= 1^6 + 2^5 + 7^3 + 10^0 + 18^1 = 16 + 25 + 73 + 100 + 181 \\ 395 &:= 1^6 + 2^6 + 5^1 + 12^0 + 18^2 = 16 + 26 + 51 + 120 + 182 \\ 395 &:= 1^6 + 3^5 + 4^0 + 5^3 + 25^1 = 16 + 35 + 40 + 53 + 251 \\ 395 &:= 1^7 + 2^3 + 6^3 + 13^2 + 16^0 = 17 + 23 + 63 + 132 + 160 \\ 395 &:= 1^7 + 2^4 + 4^2 + 12^0 + 19^2 = 17 + 24 + 42 + 120 + 192 \\ 395 &:= 1^7 + 2^4 + 8^0 + 11^2 + 16^2 = 17 + 24 + 80 + 112 + 162 \\ 395 &:= 1^7 + 3^5 + 6^1 + 12^2 + 16^0 = 17 + 35 + 61 + 122 + 160 \\ 395 &:= 1^7 + 4^2 + 4^4 + 11^2 + 18^0 = 17 + 42 + 44 + 112 + 180 \\ 395 &:= 1^7 + 4^4 + 5^3 + 12^1 + 16^0 = 17 + 44 + 53 + 121 + 160 \\ 395 &:= 1^8 + 2^6 + 2^8 + 7^2 + 25^1 = 18 + 26 + 28 + 72 + 251 \\ 395 &:= 1^8 + 3^3 + 4^0 + 7^3 + 23^1 = 18 + 33 + 40 + 73 + 231 \\ 395 &:= 1^8 + 4^4 + 6^0 + 11^2 + 16^1 = 18 + 44 + 60 + 112 + 161 \\ 395 &:= 1^8 + 5^2 + 5^2 + 7^3 + 20^0 = 18 + 52 + 52 + 73 + 200 \\ 395 &:= 1^9 + 2^2 + 8^0 + 10^2 + 17^2 = 19 + 22 + 80 + 102 + 172 \\ 395 &:= 1^9 + 2^7 + 2^8 + 9^1 + 23^0 = 19 + 27 + 28 + 91 + 230 \\ 395 &:= 1^9 + 3^3 + 5^1 + 10^0 + 19^2 = 19 + 33 + 51 + 100 + 192 \\ 395 &:= 1^9 + 4^0 + 5^3 + 12^1 + 16^2 = 19 + 40 + 53 + 121 + 162 \\ 395 &:= 1^9 + 4^2 + 4^2 + 10^0 + 19^2 = 19 + 42 + 42 + 100 + 192 \\ 395 &:= 1^9 + 4^2 + 6^0 + 11^2 + 16^2 = 19 + 42 + 60 + 112 + 162 \end{aligned}$$

$$\begin{aligned} 395 &:= 1^9 + 4^3 + 5^1 + 10^0 + 18^2 = 19 + 43 + 51 + 100 + 182 \\ 395 &:= 1^9 + 6^2 + 7^3 + 10^0 + 14^1 = 19 + 62 + 73 + 100 + 141 \\ 395 &:= 1^9 + 6^3 + 8^1 + 10^0 + 13^2 = 19 + 63 + 81 + 100 + 132 \\ 395 &:= 2^0 + 2^0 + 7^2 + 7^3 + 21^0 = 20 + 20 + 72 + 73 + 210 \\ 395 &:= 2^0 + 2^4 + 2^8 + 10^2 + 22^1 = 20 + 24 + 28 + 102 + 221 \\ 395 &:= 2^0 + 3^0 + 7^2 + 7^3 + 20^0 = 20 + 30 + 72 + 73 + 200 \\ 395 &:= 2^0 + 4^0 + 7^2 + 7^3 + 19^0 = 20 + 40 + 72 + 73 + 190 \\ 395 &:= 2^0 + 4^1 + 6^0 + 10^2 + 17^2 = 20 + 41 + 60 + 102 + 172 \\ 395 &:= 2^0 + 5^0 + 7^2 + 7^3 + 18^0 = 20 + 50 + 72 + 73 + 180 \\ 395 &:= 2^0 + 5^1 + 6^0 + 8^2 + 18^2 = 20 + 51 + 60 + 82 + 182 \\ 395 &:= 2^0 + 5^2 + 6^0 + 7^1 + 19^2 = 20 + 52 + 60 + 71 + 192 \\ 395 &:= 2^0 + 6^0 + 7^2 + 7^3 + 17^0 = 20 + 60 + 72 + 73 + 170 \\ 395 &:= 2^0 + 7^0 + 7^2 + 7^3 + 16^0 = 20 + 70 + 72 + 73 + 160 \\ 395 &:= 2^0 + 7^2 + 7^3 + 10^0 + 13^0 = 20 + 72 + 73 + 100 + 130 \\ 395 &:= 2^0 + 7^2 + 7^3 + 11^0 + 12^0 = 20 + 72 + 73 + 110 + 120 \\ 395 &:= 2^0 + 7^2 + 7^3 + 8^0 + 15^0 = 20 + 72 + 73 + 80 + 150 \\ 395 &:= 2^0 + 7^2 + 7^3 + 9^0 + 14^0 = 20 + 72 + 73 + 90 + 140 \\ 395 &:= 2^2 + 2^7 + 3^5 + 12^0 + 19^1 = 22 + 27 + 35 + 120 + 191 \\ 395 &:= 2^2 + 2^8 + 3^2 + 5^3 + 26^0 = 22 + 28 + 32 + 53 + 260 \\ 395 &:= 2^3 + 2^8 + 3^2 + 11^2 + 20^0 = 23 + 28 + 32 + 112 + 200 \\ 395 &:= 2^3 + 2^8 + 5^1 + 5^3 + 24^0 = 23 + 28 + 51 + 53 + 240 \\ 395 &:= 2^3 + 2^8 + 7^2 + 9^2 + 18^0 = 23 + 28 + 72 + 92 + 180 \\ 395 &:= 2^4 + 2^7 + 5^2 + 14^0 + 15^2 = 24 + 27 + 52 + 140 + 152 \\ 395 &:= 2^4 + 2^7 + 9^2 + 12^0 + 13^2 = 24 + 27 + 92 + 120 + 132 \\ 395 &:= 2^4 + 3^4 + 3^4 + 6^3 + 24^0 = 24 + 34 + 34 + 63 + 240 \\ 395 &:= 2^5 + 2^6 + 3^2 + 14^0 + 17^2 = 25 + 26 + 32 + 140 + 172 \\ 395 &:= 2^5 + 2^7 + 9^1 + 10^0 + 15^2 = 25 + 27 + 91 + 100 + 152 \\ 395 &:= 2^5 + 3^4 + 4^4 + 5^2 + 24^0 = 25 + 34 + 44 + 52 + 240 \\ 395 &:= 2^6 + 2^6 + 8^0 + 10^1 + 16^2 = 26 + 26 + 80 + 101 + 162 \\ 395 &:= 2^6 + 3^5 + 4^3 + 6^0 + 23^1 = 26 + 35 + 43 + 60 + 231 \\ 395 &:= 2^7 + 3^2 + 3^5 + 14^1 + 16^0 = 27 + 32 + 35 + 141 + 160 \\ 395 &:= 2^7 + 3^4 + 4^2 + 13^2 + 16^0 = 27 + 34 + 42 + 132 + 160 \\ 395 &:= 2^7 + 3^4 + 8^2 + 11^2 + 14^0 = 27 + 34 + 82 + 112 + 140 \\ 395 &:= 2^7 + 3^5 + 4^2 + 7^1 + 22^0 = 27 + 35 + 42 + 71 + 220 \\ 395 &:= 2^7 + 4^2 + 5^3 + 5^3 + 22^0 = 27 + 42 + 53 + 53 + 220 \\ 395 &:= 2^8 + 3^4 + 6^0 + 6^2 + 21^1 = 28 + 34 + 60 + 62 + 211 \\ 395 &:= 2^8 + 3^4 + 7^2 + 8^1 + 18^0 = 28 + 34 + 72 + 81 + 180 \\ 395 &:= 2^8 + 4^3 + 4^3 + 10^1 + 18^0 = 28 + 43 + 43 + 101 + 180 \end{aligned}$$

$$\begin{aligned}
 395 &:= 2^8 + 4^3 + 5^2 + 7^2 + 20^0 = 28 + 43 + 52 + 72 + 200 \\
 395 &:= 3^0 + 3^0 + 7^2 + 7^3 + 19^0 = 30 + 30 + 72 + 73 + 190 \\
 395 &:= 3^0 + 4^0 + 7^2 + 7^3 + 18^0 = 30 + 40 + 72 + 73 + 180 \\
 395 &:= 3^0 + 4^1 + 5^0 + 10^2 + 17^2 = 30 + 41 + 50 + 102 + 172 \\
 395 &:= 3^0 + 5^0 + 5^1 + 8^2 + 18^2 = 30 + 50 + 51 + 82 + 182 \\
 395 &:= 3^0 + 5^0 + 5^2 + 7^1 + 19^2 = 30 + 50 + 52 + 71 + 192 \\
 395 &:= 3^0 + 5^0 + 7^2 + 7^3 + 17^0 = 30 + 50 + 72 + 73 + 170 \\
 395 &:= 3^0 + 6^0 + 7^2 + 7^3 + 16^0 = 30 + 60 + 72 + 73 + 160 \\
 395 &:= 3^0 + 7^0 + 7^2 + 7^3 + 15^0 = 30 + 70 + 72 + 73 + 150 \\
 395 &:= 3^0 + 7^2 + 7^3 + 10^0 + 12^0 = 30 + 72 + 73 + 100 + 120 \\
 395 &:= 3^0 + 7^2 + 7^3 + 11^0 + 11^0 = 30 + 72 + 73 + 110 + 110 \\
 395 &:= 3^0 + 7^2 + 7^3 + 8^0 + 14^0 = 30 + 72 + 73 + 80 + 140 \\
 395 &:= 3^0 + 7^2 + 7^3 + 9^0 + 13^0 = 30 + 72 + 73 + 90 + 130 \\
 395 &:= 4^0 + 4^0 + 4^1 + 10^2 + 17^2 = 40 + 40 + 41 + 102 + 172 \\
 395 &:= 4^0 + 4^0 + 5^1 + 8^2 + 18^2 = 40 + 40 + 51 + 82 + 182 \\
 395 &:= 4^0 + 4^0 + 5^2 + 7^1 + 19^2 = 40 + 40 + 52 + 71 + 192 \\
 395 &:= 4^0 + 4^0 + 7^2 + 7^3 + 17^0 = 40 + 40 + 72 + 73 + 170 \\
 395 &:= 4^0 + 5^0 + 7^2 + 7^3 + 16^0 = 40 + 50 + 72 + 73 + 160 \\
 395 &:= 4^0 + 6^0 + 7^2 + 7^3 + 15^0 = 40 + 60 + 72 + 73 + 150
 \end{aligned}$$

$$\begin{aligned}
 395 &:= 4^0 + 7^0 + 7^2 + 7^3 + 14^0 = 40 + 70 + 72 + 73 + 140 \\
 395 &:= 4^0 + 7^2 + 7^3 + 10^0 + 11^0 = 40 + 72 + 73 + 100 + 110 \\
 395 &:= 4^0 + 7^2 + 7^3 + 8^0 + 13^0 = 40 + 72 + 73 + 80 + 130 \\
 395 &:= 4^0 + 7^2 + 7^3 + 9^0 + 12^0 = 40 + 72 + 73 + 90 + 120 \\
 395 &:= 5^0 + 5^0 + 7^2 + 7^3 + 15^0 = 50 + 50 + 72 + 73 + 150 \\
 395 &:= 5^0 + 6^0 + 7^2 + 7^3 + 14^0 = 50 + 60 + 72 + 73 + 140 \\
 395 &:= 5^0 + 7^0 + 7^2 + 7^3 + 13^0 = 50 + 70 + 72 + 73 + 130 \\
 395 &:= 5^0 + 7^2 + 7^3 + 10^0 + 10^0 = 50 + 72 + 73 + 100 + 100 \\
 395 &:= 5^0 + 7^2 + 7^3 + 8^0 + 12^0 = 50 + 72 + 73 + 80 + 120 \\
 395 &:= 5^0 + 7^2 + 7^3 + 9^0 + 11^0 = 50 + 72 + 73 + 90 + 110 \\
 395 &:= 6^0 + 6^0 + 7^2 + 7^3 + 13^0 = 60 + 60 + 72 + 73 + 130 \\
 395 &:= 6^0 + 7^0 + 7^2 + 7^3 + 12^0 = 60 + 70 + 72 + 73 + 120 \\
 395 &:= 6^0 + 7^2 + 7^3 + 8^0 + 11^0 = 60 + 72 + 73 + 80 + 110 \\
 395 &:= 6^0 + 7^2 + 7^3 + 9^0 + 10^0 = 60 + 72 + 73 + 90 + 100 \\
 395 &:= 7^0 + 7^0 + 7^2 + 7^3 + 11^0 = 70 + 70 + 72 + 73 + 110 \\
 395 &:= 7^0 + 7^2 + 7^3 + 8^0 + 10^0 = 70 + 72 + 73 + 80 + 100 \\
 395 &:= 7^0 + 7^2 + 7^3 + 9^0 + 9^0 = 70 + 72 + 73 + 90 + 90 \\
 395 &:= 7^2 + 7^3 + 8^0 + 8^0 + 9^0 = 72 + 73 + 80 + 80 + 90
 \end{aligned}$$

2.2.297 Number 396

$$\begin{aligned}
 396 &:= 1^2 + 10^0 + 13^2 + 15^2 = 12 + 100 + 132 + 152 \\
 396 &:= 2^7 + 2^8 + 11^1 + 23^0 = 27 + 28 + 111 + 230 \\
 396 &:= 3^1 + 7^2 + 7^3 + 22^0 = 31 + 72 + 73 + 220 \\
 396 &:= 3^2 + 5^2 + 12^0 + 19^2 = 32 + 52 + 120 + 192 \\
 396 &:= 3^3 + 7^1 + 10^0 + 19^2 = 33 + 71 + 100 + 192 \\
 396 &:= 4^0 + 5^3 + 14^1 + 16^2 = 40 + 53 + 141 + 162 \\
 396 &:= 4^3 + 7^1 + 10^0 + 18^2 = 43 + 71 + 100 + 182 \\
 396 &:= 5^2 + 8^0 + 9^2 + 17^2 = 52 + 80 + 92 + 172 \\
 396 &:= 6^0 + 7^2 + 11^2 + 15^2 = 60 + 72 + 112 + 152 \\
 396 &:= 6^2 + 7^3 + 10^0 + 16^1 = 62 + 73 + 100 + 161 \\
 396 &:= 6^3 + 10^0 + 10^1 + 13^2 = 63 + 100 + 101 + 132 \\
 396 &:= 1^0 + 1^9 + 2^5 + 15^0 + 19^2 = 10 + 19 + 25 + 150 + 192 \\
 396 &:= 1^0 + 2^1 + 7^2 + 7^3 + 22^0 = 10 + 21 + 72 + 73 + 220 \\
 396 &:= 1^0 + 2^7 + 2^8 + 10^1 + 23^0 = 10 + 27 + 28 + 101 + 230 \\
 396 &:= 1^0 + 3^3 + 6^1 + 10^0 + 19^2 = 10 + 33 + 61 + 100 + 192 \\
 396 &:= 1^0 + 4^0 + 5^3 + 13^1 + 16^2 = 10 + 40 + 53 + 131 + 162
 \end{aligned}$$

$$\begin{aligned}
 396 &:= 1^0 + 4^0 + 9^2 + 12^2 + 13^2 = 10 + 40 + 92 + 122 + 132 \\
 396 &:= 1^0 + 4^3 + 6^1 + 10^0 + 18^2 = 10 + 43 + 61 + 100 + 182 \\
 396 &:= 1^0 + 5^2 + 6^0 + 12^2 + 15^2 = 10 + 52 + 60 + 122 + 152 \\
 396 &:= 1^0 + 6^2 + 7^3 + 10^0 + 15^1 = 10 + 62 + 73 + 100 + 151 \\
 396 &:= 1^0 + 6^3 + 9^1 + 10^0 + 13^2 = 10 + 63 + 91 + 100 + 132 \\
 396 &:= 1^1 + 1^8 + 2^5 + 15^0 + 19^2 = 11 + 18 + 25 + 150 + 192 \\
 396 &:= 1^1 + 2^1 + 8^0 + 14^2 + 14^2 = 11 + 21 + 80 + 142 + 142 \\
 396 &:= 1^1 + 2^4 + 2^8 + 10^2 + 23^1 = 11 + 24 + 28 + 102 + 231 \\
 396 &:= 1^1 + 5^1 + 6^0 + 10^2 + 17^2 = 11 + 51 + 60 + 102 + 172 \\
 396 &:= 1^1 + 5^2 + 6^0 + 8^1 + 19^2 = 11 + 52 + 60 + 81 + 192 \\
 396 &:= 1^1 + 6^0 + 6^1 + 8^2 + 18^2 = 11 + 60 + 61 + 82 + 182 \\
 396 &:= 1^2 + 1^7 + 2^5 + 15^0 + 19^2 = 12 + 17 + 25 + 150 + 192 \\
 396 &:= 1^2 + 2^6 + 3^5 + 8^2 + 24^1 = 12 + 26 + 35 + 82 + 241 \\
 396 &:= 1^3 + 1^6 + 2^5 + 15^0 + 19^2 = 13 + 16 + 25 + 150 + 192 \\
 396 &:= 1^3 + 2^7 + 3^5 + 9^0 + 23^1 = 13 + 27 + 35 + 90 + 231 \\
 396 &:= 1^4 + 1^5 + 2^5 + 15^0 + 19^2 = 14 + 15 + 25 + 150 + 192
 \end{aligned}$$

$$\begin{aligned} 396 &:= 1^4 + 2^6 + 3^3 + 15^1 + 17^2 = 14 + 26 + 33 + 151 + 172 \\ 396 &:= 1^4 + 2^7 + 4^4 + 10^1 + 21^0 = 14 + 27 + 44 + 101 + 210 \\ 396 &:= 1^4 + 2^8 + 5^3 + 13^1 + 17^0 = 14 + 28 + 53 + 131 + 170 \\ 396 &:= 1^5 + 2^6 + 8^2 + 11^1 + 16^2 = 15 + 26 + 82 + 111 + 162 \\ 396 &:= 1^5 + 2^8 + 7^0 + 11^2 + 17^1 = 15 + 28 + 70 + 112 + 171 \\ 396 &:= 1^6 + 2^5 + 8^2 + 10^1 + 17^2 = 16 + 25 + 82 + 101 + 172 \\ 396 &:= 1^6 + 2^7 + 9^0 + 10^1 + 16^2 = 16 + 27 + 90 + 101 + 162 \\ 396 &:= 1^7 + 2^2 + 2^4 + 14^1 + 19^2 = 17 + 22 + 24 + 141 + 192 \\ 396 &:= 1^7 + 2^4 + 9^1 + 9^2 + 17^2 = 17 + 24 + 91 + 92 + 172 \\ 396 &:= 1^7 + 2^5 + 7^3 + 9^0 + 19^1 = 17 + 25 + 73 + 90 + 191 \\ 396 &:= 1^7 + 2^6 + 6^1 + 11^0 + 18^2 = 17 + 26 + 61 + 110 + 182 \\ 396 &:= 1^7 + 3^0 + 3^5 + 5^3 + 26^1 = 17 + 30 + 35 + 53 + 261 \\ 396 &:= 1^8 + 2^2 + 5^2 + 7^3 + 23^1 = 18 + 22 + 52 + 73 + 231 \\ 396 &:= 1^8 + 3^2 + 11^2 + 11^2 + 12^2 = 18 + 32 + 112 + 112 + 122 \\ 396 &:= 1^8 + 3^4 + 9^0 + 12^2 + 13^2 = 18 + 34 + 90 + 122 + 132 \\ 396 &:= 1^8 + 3^5 + 7^1 + 12^2 + 15^0 = 18 + 35 + 71 + 122 + 150 \\ 396 &:= 1^8 + 4^4 + 5^3 + 13^1 + 15^0 = 18 + 44 + 53 + 131 + 150 \\ 396 &:= 1^8 + 5^2 + 8^2 + 9^2 + 15^2 = 18 + 52 + 82 + 92 + 152 \\ 396 &:= 1^8 + 5^3 + 5^3 + 12^2 + 15^0 = 18 + 53 + 53 + 122 + 150 \\ 396 &:= 1^8 + 5^3 + 8^2 + 10^1 + 14^2 = 18 + 53 + 82 + 101 + 142 \\ 396 &:= 1^9 + 2^0 + 2^5 + 14^0 + 19^2 = 19 + 20 + 25 + 140 + 192 \\ 396 &:= 1^9 + 2^3 + 5^2 + 11^0 + 19^2 = 19 + 23 + 52 + 110 + 192 \\ 396 &:= 1^9 + 2^5 + 3^0 + 13^0 + 19^2 = 19 + 25 + 30 + 130 + 192 \\ 396 &:= 1^9 + 2^5 + 4^0 + 12^0 + 19^2 = 19 + 25 + 40 + 120 + 192 \\ 396 &:= 1^9 + 2^5 + 5^0 + 11^0 + 19^2 = 19 + 25 + 50 + 110 + 192 \\ 396 &:= 1^9 + 2^5 + 6^0 + 10^0 + 19^2 = 19 + 25 + 60 + 100 + 192 \\ 396 &:= 1^9 + 2^5 + 7^0 + 9^0 + 19^2 = 19 + 25 + 70 + 90 + 192 \\ 396 &:= 1^9 + 2^5 + 8^0 + 8^0 + 19^2 = 19 + 25 + 80 + 80 + 192 \\ 396 &:= 1^9 + 3^0 + 3^3 + 7^3 + 24^1 = 19 + 30 + 33 + 73 + 241 \\ 396 &:= 1^9 + 3^2 + 6^3 + 13^2 + 15^0 = 19 + 32 + 63 + 132 + 150 \\ 396 &:= 1^9 + 4^4 + 5^0 + 11^2 + 17^1 = 19 + 44 + 50 + 112 + 171 \\ 396 &:= 1^9 + 5^1 + 5^2 + 13^2 + 14^2 = 19 + 51 + 52 + 132 + 142 \\ 396 &:= 1^9 + 5^3 + 9^0 + 10^2 + 13^2 = 19 + 53 + 90 + 102 + 132 \\ 396 &:= 1^9 + 6^1 + 6^2 + 8^2 + 17^2 = 19 + 61 + 62 + 82 + 172 \\ 396 &:= 2^0 + 2^1 + 7^2 + 7^3 + 21^0 = 20 + 21 + 72 + 73 + 210 \\ 396 &:= 2^0 + 2^7 + 2^8 + 10^1 + 22^0 = 20 + 27 + 28 + 101 + 220 \\ 396 &:= 2^0 + 3^0 + 5^3 + 13^1 + 16^2 = 20 + 30 + 53 + 131 + 162 \\ 396 &:= 2^0 + 3^0 + 9^2 + 12^2 + 13^2 = 20 + 30 + 92 + 122 + 132 \end{aligned}$$

$$\begin{aligned} 396 &:= 2^0 + 3^3 + 6^1 + 9^0 + 19^2 = 20 + 33 + 61 + 90 + 192 \\ 396 &:= 2^0 + 4^3 + 6^1 + 9^0 + 18^2 = 20 + 43 + 61 + 90 + 182 \\ 396 &:= 2^0 + 5^0 + 5^2 + 12^2 + 15^2 = 20 + 50 + 52 + 122 + 152 \\ 396 &:= 2^0 + 6^2 + 7^3 + 9^0 + 15^1 = 20 + 62 + 73 + 90 + 151 \\ 396 &:= 2^0 + 6^3 + 9^0 + 9^1 + 13^2 = 20 + 63 + 90 + 91 + 132 \\ 396 &:= 2^1 + 2^4 + 2^8 + 10^2 + 22^1 = 21 + 24 + 28 + 102 + 221 \\ 396 &:= 2^1 + 3^0 + 7^2 + 7^3 + 20^0 = 21 + 30 + 72 + 73 + 200 \\ 396 &:= 2^1 + 4^0 + 7^2 + 7^3 + 19^0 = 21 + 40 + 72 + 73 + 190 \\ 396 &:= 2^1 + 4^1 + 6^0 + 10^2 + 17^2 = 21 + 41 + 60 + 102 + 172 \\ 396 &:= 2^1 + 5^0 + 7^2 + 7^3 + 18^0 = 21 + 50 + 72 + 73 + 180 \\ 396 &:= 2^1 + 5^1 + 6^0 + 8^2 + 18^2 = 21 + 51 + 60 + 82 + 182 \\ 396 &:= 2^1 + 5^2 + 6^0 + 7^1 + 19^2 = 21 + 52 + 60 + 71 + 192 \\ 396 &:= 2^1 + 6^0 + 7^2 + 7^3 + 17^0 = 21 + 60 + 72 + 73 + 170 \\ 396 &:= 2^1 + 7^0 + 7^2 + 7^3 + 16^0 = 21 + 70 + 72 + 73 + 160 \\ 396 &:= 2^1 + 7^2 + 7^3 + 10^0 + 13^0 = 21 + 72 + 73 + 100 + 130 \\ 396 &:= 2^1 + 7^2 + 7^3 + 11^0 + 12^0 = 21 + 72 + 73 + 110 + 120 \\ 396 &:= 2^1 + 7^2 + 7^3 + 8^0 + 15^0 = 21 + 72 + 73 + 80 + 150 \\ 396 &:= 2^1 + 7^2 + 7^3 + 9^0 + 14^0 = 21 + 72 + 73 + 90 + 140 \\ 396 &:= 2^2 + 2^8 + 4^3 + 7^2 + 23^1 = 22 + 28 + 43 + 72 + 231 \\ 396 &:= 2^3 + 2^7 + 3^5 + 15^0 + 16^1 = 23 + 27 + 35 + 150 + 161 \\ 396 &:= 2^3 + 2^8 + 7^2 + 8^2 + 19^1 = 23 + 28 + 72 + 82 + 191 \\ 396 &:= 2^4 + 2^4 + 3^5 + 10^2 + 21^1 = 24 + 24 + 35 + 102 + 211 \\ 396 &:= 2^4 + 2^6 + 6^3 + 9^2 + 19^1 = 24 + 26 + 63 + 92 + 191 \\ 396 &:= 2^4 + 2^8 + 10^1 + 10^2 + 14^1 = 24 + 28 + 101 + 102 + 141 \\ 396 &:= 2^4 + 2^8 + 10^2 + 11^1 + 13^1 = 24 + 28 + 102 + 111 + 131 \\ 396 &:= 2^4 + 2^8 + 10^2 + 12^1 + 12^1 = 24 + 28 + 102 + 121 + 121 \\ 396 &:= 2^4 + 2^8 + 3^1 + 10^2 + 21^1 = 24 + 28 + 31 + 102 + 211 \\ 396 &:= 2^4 + 2^8 + 4^1 + 10^2 + 20^1 = 24 + 28 + 41 + 102 + 201 \\ 396 &:= 2^4 + 2^8 + 5^1 + 10^2 + 19^1 = 24 + 28 + 51 + 102 + 191 \\ 396 &:= 2^4 + 2^8 + 6^1 + 10^2 + 18^1 = 24 + 28 + 61 + 102 + 181 \\ 396 &:= 2^4 + 2^8 + 7^1 + 10^2 + 17^1 = 24 + 28 + 71 + 102 + 171 \\ 396 &:= 2^4 + 2^8 + 8^1 + 10^2 + 16^1 = 24 + 28 + 81 + 102 + 161 \\ 396 &:= 2^4 + 2^8 + 9^1 + 10^2 + 15^1 = 24 + 28 + 91 + 102 + 151 \\ 396 &:= 2^5 + 2^6 + 10^1 + 11^2 + 13^2 = 25 + 26 + 101 + 112 + 132 \\ 396 &:= 2^5 + 2^6 + 8^2 + 11^1 + 15^2 = 25 + 26 + 82 + 111 + 152 \\ 396 &:= 2^5 + 2^7 + 6^3 + 9^0 + 19^1 = 25 + 27 + 63 + 90 + 191 \\ 396 &:= 2^5 + 2^8 + 7^1 + 10^2 + 17^0 = 25 + 28 + 71 + 102 + 170 \\ 396 &:= 2^6 + 2^7 + 7^1 + 13^0 + 14^2 = 26 + 27 + 71 + 130 + 142 \end{aligned}$$

$$\begin{aligned}
 396 &:= 2^6 + 3^3 + 4^4 + 5^2 + 24^1 = 26 + 33 + 44 + 52 + 241 \\
 396 &:= 2^6 + 3^4 + 3^4 + 13^2 + 17^0 = 26 + 34 + 34 + 132 + 170 \\
 396 &:= 2^6 + 3^4 + 3^5 + 7^1 + 23^0 = 26 + 34 + 35 + 71 + 230 \\
 396 &:= 2^6 + 3^4 + 5^3 + 5^3 + 23^0 = 26 + 34 + 53 + 53 + 230 \\
 396 &:= 2^7 + 2^8 + 10^0 + 10^1 + 14^0 = 27 + 28 + 100 + 101 + 140 \\
 396 &:= 2^7 + 2^8 + 10^1 + 11^0 + 13^0 = 27 + 28 + 101 + 110 + 130 \\
 396 &:= 2^7 + 2^8 + 10^1 + 12^0 + 12^0 = 27 + 28 + 101 + 120 + 120 \\
 396 &:= 2^7 + 2^8 + 3^0 + 10^1 + 21^0 = 27 + 28 + 30 + 101 + 210 \\
 396 &:= 2^7 + 2^8 + 4^0 + 10^1 + 20^0 = 27 + 28 + 40 + 101 + 200 \\
 396 &:= 2^7 + 2^8 + 5^0 + 10^1 + 19^0 = 27 + 28 + 50 + 101 + 190 \\
 396 &:= 2^7 + 2^8 + 6^0 + 10^1 + 18^0 = 27 + 28 + 60 + 101 + 180 \\
 396 &:= 2^7 + 2^8 + 7^0 + 10^1 + 17^0 = 27 + 28 + 70 + 101 + 170 \\
 396 &:= 2^7 + 2^8 + 8^0 + 10^1 + 16^0 = 27 + 28 + 80 + 101 + 160 \\
 396 &:= 2^7 + 2^8 + 9^0 + 10^1 + 15^0 = 27 + 28 + 90 + 101 + 150 \\
 396 &:= 2^8 + 3^2 + 3^4 + 7^2 + 23^0 = 28 + 32 + 34 + 72 + 230 \\
 396 &:= 3^0 + 3^3 + 6^1 + 8^0 + 19^2 = 30 + 33 + 61 + 80 + 192 \\
 396 &:= 3^0 + 4^0 + 5^2 + 12^2 + 15^2 = 30 + 40 + 52 + 122 + 152
 \end{aligned}$$

$$\begin{aligned}
 396 &:= 3^0 + 4^3 + 6^1 + 8^0 + 18^2 = 30 + 43 + 61 + 80 + 182 \\
 396 &:= 3^0 + 6^2 + 7^3 + 8^0 + 15^1 = 30 + 62 + 73 + 80 + 151 \\
 396 &:= 3^0 + 6^3 + 8^0 + 9^1 + 13^2 = 30 + 63 + 80 + 91 + 132 \\
 396 &:= 3^1 + 3^1 + 6^0 + 10^2 + 17^2 = 31 + 31 + 60 + 102 + 172 \\
 396 &:= 3^1 + 4^1 + 6^0 + 8^2 + 18^2 = 31 + 41 + 60 + 82 + 182 \\
 396 &:= 3^1 + 5^2 + 6^0 + 6^1 + 19^2 = 31 + 52 + 60 + 61 + 192 \\
 396 &:= 3^3 + 4^0 + 6^1 + 7^0 + 19^2 = 33 + 40 + 61 + 70 + 192 \\
 396 &:= 3^3 + 5^0 + 6^0 + 6^1 + 19^2 = 33 + 50 + 60 + 61 + 192 \\
 396 &:= 4^0 + 4^3 + 6^1 + 7^0 + 18^2 = 40 + 43 + 61 + 70 + 182 \\
 396 &:= 4^0 + 6^2 + 7^0 + 7^3 + 15^1 = 40 + 62 + 70 + 73 + 151 \\
 396 &:= 4^0 + 6^3 + 7^0 + 9^1 + 13^2 = 40 + 63 + 70 + 91 + 132 \\
 396 &:= 4^1 + 5^1 + 5^2 + 6^0 + 19^2 = 41 + 51 + 52 + 60 + 192 \\
 396 &:= 4^3 + 5^0 + 6^0 + 6^1 + 18^2 = 43 + 50 + 60 + 61 + 182 \\
 396 &:= 5^0 + 6^0 + 6^2 + 7^3 + 15^1 = 50 + 60 + 62 + 73 + 151 \\
 396 &:= 5^0 + 6^0 + 6^3 + 9^1 + 13^2 = 50 + 60 + 63 + 91 + 132
 \end{aligned}$$

2.2.298 Number 397

$$\begin{aligned}
 397 &:= 2^2 + 7^2 + 7^3 + 23^0 = 22 + 72 + 73 + 230 \\
 397 &:= 2^3 + 8^2 + 11^0 + 18^2 = 23 + 82 + 110 + 182 \\
 397 &:= 3^0 + 3^3 + 7^3 + 26^1 = 30 + 33 + 73 + 261 \\
 397 &:= 3^3 + 9^0 + 12^2 + 15^2 = 33 + 90 + 122 + 152 \\
 397 &:= 4^4 + 5^0 + 11^2 + 19^1 = 44 + 50 + 112 + 191 \\
 397 &:= 5^2 + 7^1 + 13^2 + 14^2 = 52 + 71 + 132 + 142 \\
 397 &:= 6^2 + 6^3 + 12^2 + 15^0 = 62 + 63 + 122 + 150 \\
 397 &:= 6^2 + 8^1 + 8^2 + 17^2 = 62 + 81 + 82 + 172 \\
 397 &:= 1^0 + 1^3 + 9^0 + 13^2 + 15^2 = 10 + 13 + 90 + 132 + 152 \\
 397 &:= 1^0 + 3^0 + 3^3 + 7^3 + 25^1 = 10 + 30 + 33 + 73 + 251 \\
 397 &:= 1^0 + 4^2 + 6^2 + 7^3 + 21^0 = 10 + 42 + 62 + 73 + 210 \\
 397 &:= 1^0 + 4^4 + 5^0 + 11^2 + 18^1 = 10 + 44 + 50 + 112 + 181 \\
 397 &:= 1^0 + 5^2 + 6^1 + 13^2 + 14^2 = 10 + 52 + 61 + 132 + 142 \\
 397 &:= 1^0 + 6^2 + 7^1 + 8^2 + 17^2 = 10 + 62 + 71 + 82 + 172 \\
 397 &:= 1^1 + 1^2 + 9^0 + 13^2 + 15^2 = 11 + 12 + 90 + 132 + 152 \\
 397 &:= 1^1 + 2^7 + 2^8 + 11^1 + 22^0 = 11 + 27 + 28 + 111 + 220 \\
 397 &:= 1^1 + 3^0 + 5^3 + 14^1 + 16^2 = 11 + 30 + 53 + 141 + 162 \\
 397 &:= 1^1 + 3^1 + 7^2 + 7^3 + 21^0 = 11 + 31 + 72 + 73 + 210 \\
 397 &:= 1^1 + 3^2 + 5^2 + 11^0 + 19^2 = 11 + 32 + 52 + 110 + 192
 \end{aligned}$$

$$\begin{aligned}
 397 &:= 1^1 + 3^3 + 7^1 + 9^0 + 19^2 = 11 + 33 + 71 + 90 + 192 \\
 397 &:= 1^1 + 4^3 + 7^1 + 9^0 + 18^2 = 11 + 43 + 71 + 90 + 182 \\
 397 &:= 1^1 + 5^0 + 7^2 + 11^2 + 15^2 = 11 + 50 + 72 + 112 + 152 \\
 397 &:= 1^1 + 5^2 + 7^0 + 9^2 + 17^2 = 11 + 52 + 70 + 92 + 172 \\
 397 &:= 1^1 + 6^2 + 7^3 + 9^0 + 16^1 = 11 + 62 + 73 + 90 + 161 \\
 397 &:= 1^1 + 6^3 + 9^0 + 10^1 + 13^2 = 11 + 63 + 90 + 101 + 132 \\
 397 &:= 1^2 + 3^1 + 7^0 + 14^2 + 14^2 = 12 + 31 + 70 + 142 + 142 \\
 397 &:= 1^2 + 5^0 + 5^2 + 9^1 + 19^2 = 12 + 50 + 52 + 91 + 192 \\
 397 &:= 1^2 + 5^0 + 6^1 + 10^2 + 17^2 = 12 + 50 + 61 + 102 + 172 \\
 397 &:= 1^2 + 5^0 + 7^1 + 8^2 + 18^2 = 12 + 50 + 71 + 82 + 182 \\
 397 &:= 1^3 + 2^0 + 8^0 + 13^2 + 15^2 = 13 + 20 + 80 + 132 + 152 \\
 397 &:= 1^3 + 3^0 + 7^0 + 13^2 + 15^2 = 13 + 30 + 70 + 132 + 152 \\
 397 &:= 1^3 + 4^0 + 6^0 + 13^2 + 15^2 = 13 + 40 + 60 + 132 + 152 \\
 397 &:= 1^3 + 5^0 + 5^0 + 13^2 + 15^2 = 13 + 50 + 50 + 132 + 152 \\
 397 &:= 1^4 + 1^9 + 8^0 + 13^2 + 15^2 = 14 + 19 + 80 + 132 + 152 \\
 397 &:= 1^4 + 2^7 + 3^5 + 8^0 + 24^1 = 14 + 27 + 35 + 80 + 241 \\
 397 &:= 1^5 + 1^8 + 8^0 + 13^2 + 15^2 = 15 + 18 + 80 + 132 + 152 \\
 397 &:= 1^5 + 2^7 + 4^4 + 11^1 + 20^0 = 15 + 27 + 44 + 111 + 200 \\
 397 &:= 1^5 + 2^8 + 5^3 + 14^1 + 16^0 = 15 + 28 + 53 + 141 + 160
 \end{aligned}$$

$$\begin{aligned} 397 &:= 1^6 + 1^7 + 8^0 + 13^2 + 15^2 = 16 + 17 + 80 + 132 + 152 \\ 397 &:= 1^6 + 2^8 + 6^0 + 11^2 + 18^1 = 16 + 28 + 60 + 112 + 181 \\ 397 &:= 1^6 + 3^3 + 3^5 + 5^3 + 26^0 = 16 + 33 + 35 + 53 + 260 \\ 397 &:= 1^7 + 2^3 + 3^5 + 12^2 + 20^0 = 17 + 23 + 35 + 122 + 200 \\ 397 &:= 1^7 + 2^7 + 8^0 + 11^1 + 16^2 = 17 + 27 + 80 + 111 + 162 \\ 397 &:= 1^8 + 2^0 + 3^5 + 5^3 + 27^1 = 18 + 20 + 35 + 53 + 271 \\ 397 &:= 1^8 + 2^4 + 6^2 + 7^3 + 22^0 = 18 + 24 + 62 + 73 + 220 \\ 397 &:= 1^8 + 2^5 + 7^3 + 8^0 + 20^1 = 18 + 25 + 73 + 80 + 201 \\ 397 &:= 1^8 + 2^6 + 7^1 + 10^0 + 18^2 = 18 + 26 + 71 + 100 + 182 \\ 397 &:= 1^9 + 1^9 + 3^5 + 5^3 + 27^1 = 19 + 19 + 35 + 53 + 271 \\ 397 &:= 1^9 + 2^1 + 2^5 + 14^0 + 19^2 = 19 + 21 + 25 + 140 + 192 \\ 397 &:= 1^9 + 3^3 + 5^2 + 7^3 + 22^0 = 19 + 33 + 52 + 73 + 220 \\ 397 &:= 1^9 + 3^4 + 5^2 + 12^0 + 17^2 = 19 + 34 + 52 + 120 + 172 \\ 397 &:= 1^9 + 3^5 + 8^1 + 12^2 + 14^0 = 19 + 35 + 81 + 122 + 140 \\ 397 &:= 1^9 + 4^4 + 5^3 + 14^0 + 14^1 = 19 + 44 + 53 + 140 + 141 \\ 397 &:= 2^0 + 2^0 + 3^3 + 7^3 + 25^1 = 20 + 20 + 33 + 73 + 251 \\ 397 &:= 2^0 + 4^0 + 4^4 + 11^2 + 18^1 = 20 + 40 + 44 + 112 + 181 \\ 397 &:= 2^0 + 4^2 + 6^2 + 7^3 + 20^0 = 20 + 42 + 62 + 73 + 200 \\ 397 &:= 2^1 + 2^1 + 7^2 + 7^3 + 21^0 = 21 + 21 + 72 + 73 + 210 \\ 397 &:= 2^1 + 2^7 + 2^8 + 10^1 + 22^0 = 21 + 27 + 28 + 101 + 220 \\ 397 &:= 2^1 + 3^0 + 5^3 + 13^1 + 16^2 = 21 + 30 + 53 + 131 + 162 \\ 397 &:= 2^1 + 3^0 + 9^2 + 12^2 + 13^2 = 21 + 30 + 92 + 122 + 132 \\ 397 &:= 2^1 + 3^3 + 6^1 + 9^0 + 19^2 = 21 + 33 + 61 + 90 + 192 \\ 397 &:= 2^1 + 4^3 + 6^1 + 9^0 + 18^2 = 21 + 43 + 61 + 90 + 182 \\ 397 &:= 2^1 + 5^0 + 5^2 + 12^2 + 15^2 = 21 + 50 + 52 + 122 + 152 \\ 397 &:= 2^1 + 6^2 + 7^3 + 9^0 + 15^1 = 21 + 62 + 73 + 90 + 151 \\ 397 &:= 2^1 + 6^3 + 9^0 + 9^1 + 13^2 = 21 + 63 + 90 + 91 + 132 \\ 397 &:= 2^2 + 3^1 + 7^0 + 10^2 + 17^2 = 22 + 31 + 70 + 102 + 172 \\ 397 &:= 2^2 + 4^1 + 7^0 + 8^2 + 18^2 = 22 + 41 + 70 + 82 + 182 \\ 397 &:= 2^2 + 5^2 + 6^1 + 7^0 + 19^2 = 22 + 52 + 61 + 70 + 192 \\ 397 &:= 2^4 + 2^7 + 3^5 + 9^1 + 22^0 = 24 + 27 + 35 + 91 + 220 \\ 397 &:= 2^6 + 2^6 + 4^4 + 12^1 + 18^0 = 26 + 26 + 44 + 121 + 180 \\ 397 &:= 2^6 + 2^8 + 8^2 + 12^1 + 14^0 = 26 + 28 + 82 + 121 + 140 \\ 397 &:= 2^7 + 2^7 + 4^0 + 11^2 + 19^1 = 27 + 27 + 40 + 112 + 191 \\ 397 &:= 2^7 + 2^8 + 3^1 + 9^1 + 22^0 = 27 + 28 + 31 + 91 + 220 \\ 397 &:= 2^7 + 2^8 + 4^1 + 8^1 + 22^0 = 27 + 28 + 41 + 81 + 220 \end{aligned}$$

$$\begin{aligned} 397 &:= 2^7 + 2^8 + 5^1 + 7^1 + 22^0 = 27 + 28 + 51 + 71 + 220 \\ 397 &:= 2^7 + 2^8 + 6^1 + 6^1 + 22^0 = 27 + 28 + 61 + 61 + 220 \\ 397 &:= 3^0 + 3^0 + 4^4 + 11^2 + 18^1 = 30 + 30 + 44 + 112 + 181 \\ 397 &:= 3^0 + 3^1 + 5^3 + 12^1 + 16^2 = 30 + 31 + 53 + 121 + 162 \\ 397 &:= 3^0 + 3^2 + 4^2 + 10^1 + 19^2 = 30 + 32 + 42 + 101 + 192 \\ 397 &:= 3^0 + 4^1 + 5^3 + 11^1 + 16^2 = 30 + 41 + 53 + 111 + 162 \\ 397 &:= 3^0 + 4^1 + 6^2 + 10^2 + 16^2 = 30 + 41 + 62 + 102 + 162 \\ 397 &:= 3^0 + 4^2 + 6^2 + 7^3 + 19^0 = 30 + 42 + 62 + 73 + 190 \\ 397 &:= 3^0 + 4^2 + 7^1 + 7^2 + 18^2 = 30 + 42 + 71 + 72 + 182 \\ 397 &:= 3^0 + 5^1 + 5^3 + 10^1 + 16^2 = 30 + 51 + 53 + 101 + 162 \\ 397 &:= 3^0 + 5^3 + 6^1 + 9^1 + 16^2 = 30 + 53 + 61 + 91 + 162 \\ 397 &:= 3^0 + 5^3 + 7^1 + 8^1 + 16^2 = 30 + 53 + 71 + 81 + 162 \\ 397 &:= 3^1 + 3^3 + 5^1 + 9^0 + 19^2 = 31 + 33 + 51 + 90 + 192 \\ 397 &:= 3^1 + 4^2 + 4^2 + 9^0 + 19^2 = 31 + 42 + 42 + 90 + 192 \\ 397 &:= 3^1 + 4^2 + 5^0 + 11^2 + 16^2 = 31 + 42 + 50 + 112 + 162 \\ 397 &:= 3^1 + 4^3 + 5^1 + 9^0 + 18^2 = 31 + 43 + 51 + 90 + 182 \\ 397 &:= 3^1 + 6^2 + 7^3 + 9^0 + 14^1 = 31 + 62 + 73 + 90 + 141 \\ 397 &:= 3^1 + 6^3 + 8^1 + 9^0 + 13^2 = 31 + 63 + 81 + 90 + 132 \\ 397 &:= 3^3 + 4^1 + 4^1 + 9^0 + 19^2 = 33 + 41 + 41 + 90 + 192 \\ 397 &:= 4^0 + 4^2 + 6^2 + 7^3 + 18^0 = 40 + 42 + 62 + 73 + 180 \\ 397 &:= 4^1 + 4^1 + 4^3 + 9^0 + 18^2 = 41 + 41 + 43 + 90 + 182 \\ 397 &:= 4^1 + 6^2 + 7^3 + 9^0 + 13^1 = 41 + 62 + 73 + 90 + 131 \\ 397 &:= 4^1 + 6^3 + 7^1 + 9^0 + 13^2 = 41 + 63 + 71 + 90 + 132 \\ 397 &:= 4^2 + 5^0 + 6^2 + 7^3 + 17^0 = 42 + 50 + 62 + 73 + 170 \\ 397 &:= 4^2 + 6^0 + 6^2 + 7^3 + 16^0 = 42 + 60 + 62 + 73 + 160 \\ 397 &:= 4^2 + 6^2 + 7^0 + 7^3 + 15^0 = 42 + 62 + 70 + 73 + 150 \\ 397 &:= 4^2 + 6^2 + 7^3 + 10^0 + 12^0 = 42 + 62 + 73 + 100 + 120 \\ 397 &:= 4^2 + 6^2 + 7^3 + 11^0 + 11^0 = 42 + 62 + 73 + 110 + 110 \\ 397 &:= 4^2 + 6^2 + 7^3 + 8^0 + 14^0 = 42 + 62 + 73 + 80 + 140 \\ 397 &:= 4^2 + 6^2 + 7^3 + 9^0 + 13^0 = 42 + 62 + 73 + 90 + 130 \\ 397 &:= 5^1 + 6^1 + 6^3 + 9^0 + 13^2 = 51 + 61 + 63 + 90 + 132 \\ 397 &:= 5^1 + 6^2 + 7^3 + 9^0 + 12^1 = 51 + 62 + 73 + 90 + 121 \\ 397 &:= 6^1 + 6^2 + 7^3 + 9^0 + 11^1 = 61 + 62 + 73 + 90 + 111 \\ 397 &:= 6^2 + 7^1 + 7^3 + 9^0 + 10^1 = 62 + 71 + 73 + 90 + 101 \\ 397 &:= 6^2 + 7^3 + 8^1 + 9^0 + 9^1 = 62 + 73 + 81 + 90 + 91 \end{aligned}$$

$$\begin{aligned}
 398 &:= 1^9 + 3^5 + 5^3 + 29^1 &= 19 + 35 + 53 + 291 \\
 398 &:= 2^5 + 4^1 + 14^0 + 19^2 &= 25 + 41 + 140 + 192 \\
 398 &:= 3^5 + 10^1 + 12^2 + 14^0 &= 35 + 101 + 122 + 140 \\
 398 &:= 4^4 + 5^3 + 14^0 + 16^1 &= 44 + 53 + 140 + 161 \\
 398 &:= 1^0 + 2^3 + 3^3 + 14^0 + 19^2 &= 10 + 23 + 33 + 140 + 192 \\
 398 &:= 1^0 + 2^3 + 4^3 + 14^0 + 18^2 &= 10 + 23 + 43 + 140 + 182 \\
 398 &:= 1^0 + 2^5 + 3^1 + 14^0 + 19^2 &= 10 + 25 + 31 + 140 + 192 \\
 398 &:= 1^0 + 3^5 + 9^1 + 12^2 + 14^0 &= 10 + 35 + 91 + 122 + 140 \\
 398 &:= 1^0 + 4^4 + 5^3 + 14^0 + 15^1 &= 10 + 44 + 53 + 140 + 151 \\
 398 &:= 1^1 + 2^0 + 3^3 + 7^3 + 26^1 &= 11 + 20 + 33 + 73 + 261 \\
 398 &:= 1^1 + 2^2 + 7^2 + 7^3 + 22^0 &= 11 + 22 + 72 + 73 + 220 \\
 398 &:= 1^1 + 2^3 + 8^2 + 10^0 + 18^2 &= 11 + 23 + 82 + 100 + 182 \\
 398 &:= 1^1 + 3^3 + 8^0 + 12^2 + 15^2 &= 11 + 33 + 80 + 122 + 152 \\
 398 &:= 1^1 + 4^0 + 4^4 + 11^2 + 19^1 &= 11 + 40 + 44 + 112 + 191 \\
 398 &:= 1^1 + 6^2 + 6^3 + 12^2 + 14^0 &= 11 + 62 + 63 + 122 + 140 \\
 398 &:= 1^2 + 1^9 + 3^3 + 7^3 + 26^1 &= 12 + 19 + 33 + 73 + 261 \\
 398 &:= 1^2 + 2^0 + 5^3 + 15^1 + 16^2 &= 12 + 20 + 53 + 151 + 162 \\
 398 &:= 1^2 + 2^2 + 8^0 + 14^2 + 14^2 &= 12 + 22 + 80 + 142 + 142 \\
 398 &:= 1^2 + 2^7 + 2^8 + 12^1 + 21^0 &= 12 + 27 + 28 + 121 + 210 \\
 398 &:= 1^2 + 3^3 + 8^0 + 8^1 + 19^2 &= 12 + 33 + 80 + 81 + 192 \\
 398 &:= 1^2 + 4^0 + 10^2 + 10^2 + 14^2 &= 12 + 40 + 102 + 102 + 142 \\
 398 &:= 1^2 + 4^1 + 7^2 + 7^3 + 20^0 &= 12 + 41 + 72 + 73 + 200 \\
 398 &:= 1^2 + 4^3 + 8^0 + 8^1 + 18^2 &= 12 + 43 + 80 + 81 + 182 \\
 398 &:= 1^2 + 6^2 + 6^2 + 8^0 + 18^2 &= 12 + 62 + 62 + 80 + 182 \\
 398 &:= 1^2 + 6^2 + 7^3 + 8^0 + 17^1 &= 12 + 62 + 73 + 80 + 171 \\
 398 &:= 1^2 + 6^3 + 8^0 + 11^1 + 13^2 &= 12 + 63 + 80 + 111 + 132 \\
 398 &:= 1^3 + 1^8 + 3^3 + 7^3 + 26^1 &= 13 + 18 + 33 + 73 + 261 \\
 398 &:= 1^3 + 1^9 + 5^3 + 15^1 + 16^2 &= 13 + 19 + 53 + 151 + 162 \\
 398 &:= 1^3 + 2^1 + 8^0 + 13^2 + 15^2 &= 13 + 21 + 80 + 132 + 152 \\
 398 &:= 1^3 + 4^0 + 5^2 + 10^1 + 19^2 &= 13 + 40 + 52 + 101 + 192 \\
 398 &:= 1^3 + 4^0 + 7^1 + 10^2 + 17^2 &= 13 + 40 + 71 + 102 + 172 \\
 398 &:= 1^3 + 4^0 + 8^1 + 8^2 + 18^2 &= 13 + 40 + 81 + 82 + 182 \\
 398 &:= 1^3 + 4^1 + 6^0 + 14^2 + 14^2 &= 13 + 41 + 60 + 142 + 142 \\
 398 &:= 1^4 + 1^7 + 3^3 + 7^3 + 26^1 &= 14 + 17 + 33 + 73 + 261 \\
 398 &:= 1^4 + 1^8 + 5^3 + 15^1 + 16^2 &= 14 + 18 + 53 + 151 + 162 \\
 398 &:= 1^4 + 2^7 + 3^3 + 6^3 + 26^1 &= 14 + 27 + 33 + 63 + 261 \\
 398 &:= 1^4 + 2^7 + 3^4 + 13^2 + 19^1 &= 14 + 27 + 34 + 132 + 191 \\
 398 &:= 1^4 + 2^7 + 3^5 + 5^2 + 27^0 &= 14 + 27 + 35 + 52 + 270 \\
 398 &:= 1^5 + 1^6 + 3^3 + 7^3 + 26^1 &= 15 + 16 + 33 + 73 + 261 \\
 398 &:= 1^5 + 1^7 + 5^3 + 15^1 + 16^2 &= 15 + 17 + 53 + 151 + 162 \\
 398 &:= 1^5 + 2^5 + 3^5 + 10^2 + 22^1 &= 15 + 25 + 35 + 102 + 221 \\
 398 &:= 1^5 + 2^7 + 3^3 + 15^2 + 17^1 &= 15 + 27 + 33 + 152 + 171 \\
 398 &:= 1^5 + 2^7 + 3^5 + 7^0 + 25^1 &= 15 + 27 + 35 + 70 + 251 \\
 398 &:= 1^6 + 1^6 + 5^3 + 15^1 + 16^2 &= 16 + 16 + 53 + 151 + 162 \\
 398 &:= 1^6 + 2^5 + 3^5 + 11^2 + 21^0 &= 16 + 25 + 35 + 112 + 210 \\
 398 &:= 1^6 + 2^5 + 5^3 + 6^3 + 24^1 &= 16 + 25 + 53 + 63 + 241 \\
 398 &:= 1^6 + 2^7 + 4^4 + 12^1 + 19^0 &= 16 + 27 + 44 + 121 + 190 \\
 398 &:= 1^6 + 2^8 + 5^3 + 15^0 + 15^1 &= 16 + 28 + 53 + 150 + 151 \\
 398 &:= 1^6 + 3^4 + 3^5 + 7^2 + 24^1 &= 16 + 34 + 35 + 72 + 241 \\
 398 &:= 1^6 + 3^5 + 4^3 + 4^3 + 26^1 &= 16 + 35 + 43 + 43 + 261 \\
 398 &:= 1^7 + 2^3 + 2^6 + 15^0 + 18^2 &= 17 + 23 + 26 + 150 + 182 \\
 398 &:= 1^7 + 2^5 + 3^3 + 14^1 + 18^2 &= 17 + 25 + 33 + 141 + 182 \\
 398 &:= 1^7 + 2^5 + 5^3 + 15^1 + 15^2 &= 17 + 25 + 53 + 151 + 152 \\
 398 &:= 1^7 + 2^8 + 5^0 + 11^2 + 19^1 &= 17 + 28 + 50 + 112 + 191 \\
 398 &:= 1^7 + 3^4 + 4^4 + 6^2 + 24^1 &= 17 + 34 + 44 + 62 + 241 \\
 398 &:= 1^8 + 2^1 + 3^5 + 5^3 + 27^1 &= 18 + 21 + 35 + 53 + 271 \\
 398 &:= 1^8 + 2^5 + 9^1 + 10^2 + 16^2 &= 18 + 25 + 91 + 102 + 162 \\
 398 &:= 1^8 + 2^7 + 7^0 + 12^1 + 16^2 &= 18 + 27 + 70 + 121 + 162 \\
 398 &:= 1^8 + 3^1 + 3^5 + 5^3 + 26^1 &= 18 + 31 + 35 + 53 + 261 \\
 398 &:= 1^8 + 3^4 + 6^3 + 9^2 + 19^1 &= 18 + 34 + 63 + 92 + 191 \\
 398 &:= 1^8 + 3^5 + 4^1 + 5^3 + 25^1 &= 18 + 35 + 41 + 53 + 251 \\
 398 &:= 1^8 + 3^5 + 5^1 + 5^3 + 24^1 &= 18 + 35 + 51 + 53 + 241 \\
 398 &:= 1^8 + 3^5 + 5^3 + 10^1 + 19^1 &= 18 + 35 + 53 + 101 + 191 \\
 398 &:= 1^8 + 3^5 + 5^3 + 11^1 + 18^1 &= 18 + 35 + 53 + 111 + 181 \\
 398 &:= 1^8 + 3^5 + 5^3 + 12^1 + 17^1 &= 18 + 35 + 53 + 121 + 171 \\
 398 &:= 1^8 + 3^5 + 5^3 + 13^1 + 16^1 &= 18 + 35 + 53 + 131 + 161 \\
 398 &:= 1^8 + 3^5 + 5^3 + 14^1 + 15^1 &= 18 + 35 + 53 + 141 + 151 \\
 398 &:= 1^8 + 3^5 + 5^3 + 6^1 + 23^1 &= 18 + 35 + 53 + 61 + 231 \\
 398 &:= 1^8 + 3^5 + 5^3 + 7^1 + 22^1 &= 18 + 35 + 53 + 71 + 221 \\
 398 &:= 1^8 + 3^5 + 5^3 + 8^1 + 21^1 &= 18 + 35 + 53 + 81 + 211 \\
 398 &:= 1^8 + 3^5 + 5^3 + 9^1 + 20^1 &= 18 + 35 + 53 + 91 + 201 \\
 398 &:= 1^8 + 3^5 + 6^2 + 10^2 + 18^1 &= 18 + 35 + 62 + 102 + 181 \\
 398 &:= 1^8 + 5^3 + 5^3 + 5^3 + 22^1 &= 18 + 53 + 53 + 53 + 221 \\
 398 &:= 1^9 + 2^5 + 7^0 + 7^3 + 21^1 &= 19 + 25 + 70 + 73 + 211 \\
 398 &:= 1^9 + 2^6 + 8^1 + 9^0 + 18^2 &= 19 + 26 + 81 + 90 + 182 \\
 398 &:= 1^9 + 3^2 + 3^5 + 12^2 + 19^0 &= 19 + 32 + 35 + 122 + 190
 \end{aligned}$$

$$\begin{aligned} 398 &:= 1^9 + 3^4 + 7^2 + 11^1 + 16^2 = 19 + 34 + 72 + 111 + 162 \\ 398 &:= 1^9 + 3^4 + 9^2 + 10^1 + 15^2 = 19 + 34 + 92 + 101 + 152 \\ 398 &:= 1^9 + 4^3 + 4^3 + 13^1 + 16^2 = 19 + 43 + 43 + 131 + 162 \\ 398 &:= 1^9 + 4^3 + 6^3 + 10^2 + 17^1 = 19 + 43 + 63 + 102 + 171 \\ 398 &:= 1^9 + 5^3 + 6^2 + 6^3 + 20^1 = 19 + 53 + 62 + 63 + 201 \\ 398 &:= 2^0 + 2^1 + 3^3 + 7^3 + 25^1 = 20 + 21 + 33 + 73 + 251 \\ 398 &:= 2^0 + 2^3 + 3^3 + 13^0 + 19^2 = 20 + 23 + 33 + 130 + 192 \\ 398 &:= 2^0 + 2^3 + 4^2 + 12^1 + 19^2 = 20 + 23 + 42 + 121 + 192 \\ 398 &:= 2^0 + 2^3 + 4^3 + 13^0 + 18^2 = 20 + 23 + 43 + 130 + 182 \\ 398 &:= 2^0 + 2^5 + 3^1 + 13^0 + 19^2 = 20 + 25 + 31 + 130 + 192 \\ 398 &:= 2^0 + 3^1 + 3^3 + 7^3 + 24^1 = 20 + 31 + 33 + 73 + 241 \\ 398 &:= 2^0 + 3^2 + 10^2 + 12^2 + 12^2 = 20 + 32 + 102 + 122 + 122 \\ 398 &:= 2^0 + 3^3 + 4^1 + 7^3 + 23^1 = 20 + 33 + 41 + 73 + 231 \\ 398 &:= 2^0 + 3^3 + 5^1 + 7^3 + 22^1 = 20 + 33 + 51 + 73 + 221 \\ 398 &:= 2^0 + 3^3 + 6^1 + 7^3 + 21^1 = 20 + 33 + 61 + 73 + 211 \\ 398 &:= 2^0 + 3^3 + 6^2 + 10^1 + 18^2 = 20 + 33 + 62 + 101 + 182 \\ 398 &:= 2^0 + 3^3 + 7^1 + 7^3 + 20^1 = 20 + 33 + 71 + 73 + 201 \\ 398 &:= 2^0 + 3^3 + 7^3 + 10^1 + 17^1 = 20 + 33 + 73 + 101 + 171 \\ 398 &:= 2^0 + 3^3 + 7^3 + 11^1 + 16^1 = 20 + 33 + 73 + 111 + 161 \\ 398 &:= 2^0 + 3^3 + 7^3 + 12^1 + 15^1 = 20 + 33 + 73 + 121 + 151 \\ 398 &:= 2^0 + 3^3 + 7^3 + 13^1 + 14^1 = 20 + 33 + 73 + 131 + 141 \\ 398 &:= 2^0 + 3^3 + 7^3 + 8^1 + 19^1 = 20 + 33 + 73 + 81 + 191 \\ 398 &:= 2^0 + 3^3 + 7^3 + 9^1 + 18^1 = 20 + 33 + 73 + 91 + 181 \\ 398 &:= 2^0 + 3^5 + 9^1 + 12^2 + 13^0 = 20 + 35 + 91 + 122 + 130 \\ 398 &:= 2^0 + 4^2 + 4^2 + 7^3 + 22^1 = 20 + 42 + 42 + 73 + 221 \\ 398 &:= 2^0 + 4^2 + 8^2 + 11^2 + 14^2 = 20 + 42 + 82 + 112 + 142 \\ 398 &:= 2^0 + 4^3 + 8^1 + 10^2 + 15^2 = 20 + 43 + 81 + 102 + 152 \\ 398 &:= 2^0 + 4^4 + 5^3 + 13^0 + 15^1 = 20 + 44 + 53 + 130 + 151 \\ 398 &:= 2^0 + 5^3 + 6^2 + 11^1 + 15^2 = 20 + 53 + 62 + 111 + 152 \\ 398 &:= 2^0 + 6^2 + 6^2 + 10^2 + 15^2 = 20 + 62 + 62 + 102 + 152 \\ 398 &:= 2^1 + 4^0 + 4^4 + 11^2 + 18^1 = 21 + 40 + 44 + 112 + 181 \\ 398 &:= 2^1 + 4^2 + 6^2 + 7^3 + 20^0 = 21 + 42 + 62 + 73 + 200 \\ 398 &:= 2^2 + 2^2 + 8^0 + 10^2 + 17^2 = 22 + 22 + 80 + 102 + 172 \\ 398 &:= 2^2 + 2^7 + 2^8 + 9^1 + 23^0 = 22 + 27 + 28 + 91 + 230 \\ 398 &:= 2^2 + 3^3 + 5^1 + 10^0 + 19^2 = 22 + 33 + 51 + 100 + 192 \\ 398 &:= 2^2 + 4^0 + 5^3 + 12^1 + 16^2 = 22 + 40 + 53 + 121 + 162 \\ 398 &:= 2^2 + 4^2 + 4^2 + 10^0 + 19^2 = 22 + 42 + 42 + 100 + 192 \\ 398 &:= 2^2 + 4^2 + 6^0 + 11^2 + 16^2 = 22 + 42 + 60 + 112 + 162 \end{aligned}$$

$$\begin{aligned} 398 &:= 2^2 + 4^3 + 5^1 + 10^0 + 18^2 = 22 + 43 + 51 + 100 + 182 \\ 398 &:= 2^2 + 6^2 + 7^3 + 10^0 + 14^1 = 22 + 62 + 73 + 100 + 141 \\ 398 &:= 2^2 + 6^3 + 8^1 + 10^0 + 13^2 = 22 + 63 + 81 + 100 + 132 \\ 398 &:= 2^3 + 3^0 + 3^3 + 12^0 + 19^2 = 23 + 30 + 33 + 120 + 192 \\ 398 &:= 2^3 + 3^0 + 4^3 + 12^0 + 18^2 = 23 + 30 + 43 + 120 + 182 \\ 398 &:= 2^3 + 3^1 + 5^2 + 10^0 + 19^2 = 23 + 31 + 52 + 100 + 192 \\ 398 &:= 2^3 + 3^3 + 4^0 + 11^0 + 19^2 = 23 + 33 + 40 + 110 + 192 \\ 398 &:= 2^3 + 3^3 + 5^0 + 10^0 + 19^2 = 23 + 33 + 50 + 100 + 192 \\ 398 &:= 2^3 + 3^3 + 6^0 + 9^0 + 19^2 = 23 + 33 + 60 + 90 + 192 \\ 398 &:= 2^3 + 3^3 + 7^0 + 8^0 + 19^2 = 23 + 33 + 70 + 80 + 192 \\ 398 &:= 2^3 + 4^0 + 4^3 + 11^0 + 18^2 = 23 + 40 + 43 + 110 + 182 \\ 398 &:= 2^3 + 4^3 + 5^0 + 10^0 + 18^2 = 23 + 43 + 50 + 100 + 182 \\ 398 &:= 2^3 + 4^3 + 6^0 + 9^0 + 18^2 = 23 + 43 + 60 + 90 + 182 \\ 398 &:= 2^3 + 4^3 + 7^0 + 8^0 + 18^2 = 23 + 43 + 70 + 80 + 182 \\ 398 &:= 2^5 + 2^8 + 5^2 + 8^2 + 21^1 = 25 + 28 + 52 + 82 + 211 \\ 398 &:= 2^5 + 3^0 + 3^1 + 12^0 + 19^2 = 25 + 30 + 31 + 120 + 192 \\ 398 &:= 2^5 + 3^1 + 4^0 + 11^0 + 19^2 = 25 + 31 + 40 + 110 + 192 \\ 398 &:= 2^5 + 3^1 + 5^0 + 10^0 + 19^2 = 25 + 31 + 50 + 100 + 192 \\ 398 &:= 2^5 + 3^1 + 6^0 + 9^0 + 19^2 = 25 + 31 + 60 + 90 + 192 \\ 398 &:= 2^5 + 3^1 + 7^0 + 8^0 + 19^2 = 25 + 31 + 70 + 80 + 192 \\ 398 &:= 2^6 + 2^6 + 3^5 + 5^0 + 26^1 = 26 + 26 + 35 + 50 + 261 \\ 398 &:= 2^6 + 2^8 + 4^3 + 13^1 + 17^0 = 26 + 28 + 43 + 131 + 170 \\ 398 &:= 2^7 + 2^7 + 5^3 + 13^0 + 16^1 = 27 + 27 + 53 + 130 + 161 \\ 398 &:= 2^7 + 2^8 + 3^2 + 4^1 + 27^0 = 27 + 28 + 32 + 41 + 270 \\ 398 &:= 3^0 + 3^5 + 9^1 + 12^0 + 12^2 = 30 + 35 + 91 + 120 + 122 \\ 398 &:= 3^0 + 4^4 + 5^3 + 12^0 + 15^1 = 30 + 44 + 53 + 120 + 151 \\ 398 &:= 3^1 + 3^2 + 6^3 + 13^2 + 14^0 = 31 + 32 + 63 + 132 + 140 \\ 398 &:= 3^1 + 4^0 + 4^4 + 11^2 + 17^1 = 31 + 40 + 44 + 112 + 171 \\ 398 &:= 3^1 + 5^3 + 8^0 + 10^2 + 13^2 = 31 + 53 + 80 + 102 + 132 \\ 398 &:= 3^2 + 4^0 + 5^2 + 7^3 + 20^1 = 32 + 40 + 52 + 73 + 201 \\ 398 &:= 3^2 + 5^3 + 7^1 + 8^0 + 16^2 = 32 + 53 + 71 + 80 + 162 \\ 398 &:= 3^2 + 6^2 + 7^3 + 9^1 + 14^0 = 32 + 62 + 73 + 91 + 140 \\ 398 &:= 3^3 + 4^0 + 5^1 + 13^2 + 14^2 = 33 + 40 + 51 + 132 + 142 \\ 398 &:= 3^5 + 4^0 + 9^1 + 11^0 + 12^2 = 35 + 40 + 91 + 110 + 122 \\ 398 &:= 3^5 + 5^0 + 9^1 + 10^0 + 12^2 = 35 + 50 + 91 + 100 + 122 \\ 398 &:= 3^5 + 6^0 + 9^0 + 9^1 + 12^2 = 35 + 60 + 90 + 91 + 122 \\ 398 &:= 3^5 + 7^0 + 8^0 + 9^1 + 12^2 = 35 + 70 + 80 + 91 + 122 \\ 398 &:= 4^0 + 4^1 + 4^4 + 11^2 + 16^1 = 40 + 41 + 44 + 112 + 161 \end{aligned}$$

$$\begin{aligned}
 398 &:= 4^0 + 4^2 + 4^2 + 13^2 + 14^2 = 40 + 42 + 42 + 132 + 142 \\
 398 &:= 4^0 + 4^2 + 5^2 + 10^2 + 16^2 = 40 + 42 + 52 + 102 + 162 \\
 398 &:= 4^0 + 4^3 + 6^2 + 8^1 + 17^2 = 40 + 43 + 62 + 81 + 172 \\
 398 &:= 4^0 + 4^4 + 10^1 + 10^1 + 11^2 = 40 + 44 + 101 + 101 + 112 \\
 398 &:= 4^0 + 4^4 + 5^1 + 11^2 + 15^1 = 40 + 44 + 51 + 112 + 151 \\
 398 &:= 4^0 + 4^4 + 5^3 + 11^0 + 15^1 = 40 + 44 + 53 + 110 + 151 \\
 398 &:= 4^0 + 4^4 + 6^1 + 11^2 + 14^1 = 40 + 44 + 61 + 112 + 141 \\
 398 &:= 4^0 + 4^4 + 7^1 + 11^2 + 13^1 = 40 + 44 + 71 + 112 + 131 \\
 398 &:= 4^0 + 4^4 + 8^1 + 11^2 + 12^1 = 40 + 44 + 81 + 112 + 121 \\
 398 &:= 4^0 + 4^4 + 9^1 + 11^1 + 11^2 = 40 + 44 + 91 + 111 + 112
 \end{aligned}$$

$$\begin{aligned}
 398 &:= 4^0 + 5^2 + 6^3 + 12^1 + 12^2 = 40 + 52 + 63 + 121 + 122 \\
 398 &:= 4^0 + 5^3 + 7^1 + 11^2 + 12^2 = 40 + 53 + 71 + 112 + 122 \\
 398 &:= 4^0 + 6^2 + 6^2 + 6^2 + 17^2 = 40 + 62 + 62 + 62 + 172 \\
 398 &:= 4^0 + 6^3 + 7^2 + 11^1 + 11^2 = 40 + 63 + 72 + 111 + 112 \\
 398 &:= 4^1 + 5^2 + 5^2 + 7^3 + 18^0 = 41 + 52 + 52 + 73 + 180 \\
 398 &:= 4^2 + 5^2 + 7^3 + 10^0 + 13^1 = 42 + 52 + 73 + 100 + 131 \\
 398 &:= 4^4 + 5^0 + 5^3 + 10^0 + 15^1 = 44 + 50 + 53 + 100 + 151 \\
 398 &:= 4^4 + 5^3 + 6^0 + 9^0 + 15^1 = 44 + 53 + 60 + 90 + 151 \\
 398 &:= 4^4 + 5^3 + 7^0 + 8^0 + 15^1 = 44 + 53 + 70 + 80 + 151
 \end{aligned}$$

2.2.300 Number 399

$$\begin{aligned}
 399 &:= 3^5 + 5^3 + 31^1 = 35 + 53 + 311 \\
 399 &:= 1^0 + 3^5 + 5^3 + 30^1 = 10 + 35 + 53 + 301 \\
 399 &:= 1^2 + 3^3 + 7^3 + 28^1 = 12 + 33 + 73 + 281 \\
 399 &:= 1^3 + 5^3 + 16^2 + 17^1 = 13 + 53 + 162 + 171 \\
 399 &:= 1^5 + 6^2 + 13^0 + 19^2 = 15 + 62 + 130 + 192 \\
 399 &:= 2^5 + 7^0 + 7^3 + 23^1 = 25 + 70 + 73 + 231 \\
 399 &:= 2^6 + 9^0 + 10^1 + 18^2 = 26 + 90 + 101 + 182 \\
 399 &:= 3^4 + 7^2 + 13^1 + 16^2 = 34 + 72 + 131 + 162 \\
 399 &:= 3^4 + 9^2 + 12^1 + 15^2 = 34 + 92 + 121 + 152 \\
 399 &:= 4^3 + 4^3 + 15^1 + 16^2 = 43 + 43 + 151 + 162 \\
 399 &:= 4^3 + 6^3 + 10^2 + 19^1 = 43 + 63 + 102 + 191 \\
 399 &:= 5^3 + 6^2 + 6^3 + 22^1 = 53 + 62 + 63 + 221 \\
 399 &:= 1^0 + 1^2 + 3^3 + 7^3 + 27^1 = 10 + 12 + 33 + 73 + 271 \\
 399 &:= 1^0 + 1^3 + 5^3 + 16^1 + 16^2 = 10 + 13 + 53 + 161 + 162 \\
 399 &:= 1^0 + 2^2 + 2^5 + 15^0 + 19^2 = 10 + 22 + 25 + 150 + 192 \\
 399 &:= 1^0 + 2^4 + 5^3 + 15^0 + 16^2 = 10 + 24 + 53 + 150 + 162 \\
 399 &:= 1^0 + 2^5 + 7^0 + 7^3 + 22^1 = 10 + 25 + 70 + 73 + 221 \\
 399 &:= 1^0 + 2^5 + 9^0 + 13^2 + 14^2 = 10 + 25 + 90 + 132 + 142 \\
 399 &:= 1^0 + 2^6 + 9^0 + 9^1 + 18^2 = 10 + 26 + 90 + 91 + 182 \\
 399 &:= 1^0 + 3^3 + 3^3 + 7^3 + 25^0 = 10 + 33 + 33 + 73 + 250 \\
 399 &:= 1^0 + 3^3 + 3^4 + 15^0 + 17^2 = 10 + 33 + 34 + 150 + 172 \\
 399 &:= 1^0 + 3^4 + 6^3 + 10^2 + 19^0 = 10 + 34 + 63 + 102 + 190 \\
 399 &:= 1^0 + 3^4 + 7^2 + 12^1 + 16^2 = 10 + 34 + 72 + 121 + 162 \\
 399 &:= 1^0 + 3^4 + 9^2 + 11^1 + 15^2 = 10 + 34 + 92 + 111 + 152 \\
 399 &:= 1^0 + 4^2 + 4^4 + 5^3 + 25^0 = 10 + 42 + 44 + 53 + 250
 \end{aligned}$$

$$\begin{aligned}
 399 &:= 1^0 + 4^3 + 4^3 + 14^1 + 16^2 = 10 + 43 + 43 + 141 + 162 \\
 399 &:= 1^0 + 4^3 + 6^3 + 10^2 + 18^1 = 10 + 43 + 63 + 102 + 181 \\
 399 &:= 1^0 + 5^3 + 6^2 + 6^3 + 21^1 = 10 + 53 + 62 + 63 + 211 \\
 399 &:= 1^1 + 1^1 + 3^3 + 7^3 + 27^1 = 11 + 11 + 33 + 73 + 271 \\
 399 &:= 1^1 + 1^2 + 5^3 + 16^1 + 16^2 = 11 + 12 + 53 + 161 + 162 \\
 399 &:= 1^1 + 2^1 + 3^3 + 7^3 + 26^1 = 11 + 21 + 33 + 73 + 261 \\
 399 &:= 1^1 + 2^3 + 4^2 + 13^1 + 19^2 = 11 + 23 + 42 + 131 + 192 \\
 399 &:= 1^1 + 2^5 + 4^1 + 13^0 + 19^2 = 11 + 25 + 41 + 130 + 192 \\
 399 &:= 1^1 + 3^1 + 3^3 + 7^3 + 25^1 = 11 + 31 + 33 + 73 + 251 \\
 399 &:= 1^1 + 3^3 + 4^1 + 7^3 + 24^1 = 11 + 33 + 41 + 73 + 241 \\
 399 &:= 1^1 + 3^3 + 5^1 + 7^3 + 23^1 = 11 + 33 + 51 + 73 + 231 \\
 399 &:= 1^1 + 3^3 + 6^1 + 7^3 + 22^1 = 11 + 33 + 61 + 73 + 221 \\
 399 &:= 1^1 + 3^3 + 6^2 + 11^1 + 18^2 = 11 + 33 + 62 + 111 + 182 \\
 399 &:= 1^1 + 3^3 + 7^1 + 7^3 + 21^1 = 11 + 33 + 71 + 73 + 211 \\
 399 &:= 1^1 + 3^3 + 7^3 + 10^1 + 18^1 = 11 + 33 + 73 + 101 + 181 \\
 399 &:= 1^1 + 3^3 + 7^3 + 11^1 + 17^1 = 11 + 33 + 73 + 111 + 171 \\
 399 &:= 1^1 + 3^3 + 7^3 + 12^1 + 16^1 = 11 + 33 + 73 + 121 + 161 \\
 399 &:= 1^1 + 3^3 + 7^3 + 13^1 + 15^1 = 11 + 33 + 73 + 131 + 151 \\
 399 &:= 1^1 + 3^3 + 7^3 + 14^1 + 14^1 = 11 + 33 + 73 + 141 + 141 \\
 399 &:= 1^1 + 3^3 + 7^3 + 8^1 + 20^1 = 11 + 33 + 73 + 81 + 201 \\
 399 &:= 1^1 + 3^3 + 7^3 + 9^1 + 19^1 = 11 + 33 + 73 + 91 + 191 \\
 399 &:= 1^1 + 3^5 + 10^1 + 12^2 + 13^0 = 11 + 35 + 101 + 122 + 130 \\
 399 &:= 1^1 + 4^2 + 4^2 + 7^3 + 23^1 = 11 + 42 + 42 + 73 + 231 \\
 399 &:= 1^1 + 4^3 + 9^1 + 10^2 + 15^2 = 11 + 43 + 91 + 102 + 152 \\
 399 &:= 1^1 + 4^4 + 5^3 + 13^0 + 16^1 = 11 + 44 + 53 + 130 + 161
 \end{aligned}$$

$$\begin{aligned} 399 &:= 1^1 + 5^3 + 6^2 + 12^1 + 15^2 = 11 + 53 + 62 + 121 + 152 \\ 399 &:= 1^1 + 6^2 + 7^2 + 12^2 + 13^2 = 11 + 62 + 72 + 122 + 132 \\ 399 &:= 1^2 + 2^1 + 5^3 + 15^1 + 16^2 = 12 + 21 + 53 + 151 + 162 \\ 399 &:= 1^2 + 2^3 + 9^0 + 10^2 + 17^2 = 12 + 23 + 90 + 102 + 172 \\ 399 &:= 1^2 + 3^0 + 4^4 + 11^2 + 20^1 = 12 + 30 + 44 + 112 + 201 \\ 399 &:= 1^2 + 3^1 + 5^3 + 14^1 + 16^2 = 12 + 31 + 53 + 141 + 162 \\ 399 &:= 1^2 + 3^2 + 3^3 + 13^0 + 19^2 = 12 + 32 + 33 + 130 + 192 \\ 399 &:= 1^2 + 3^2 + 4^2 + 12^1 + 19^2 = 12 + 32 + 42 + 121 + 192 \\ 399 &:= 1^2 + 3^2 + 4^3 + 13^0 + 18^2 = 12 + 32 + 43 + 130 + 182 \\ 399 &:= 1^2 + 3^3 + 9^0 + 9^2 + 17^2 = 12 + 33 + 90 + 92 + 172 \\ 399 &:= 1^2 + 4^1 + 5^3 + 13^1 + 16^2 = 12 + 41 + 53 + 131 + 162 \\ 399 &:= 1^2 + 4^1 + 9^2 + 12^2 + 13^2 = 12 + 41 + 92 + 122 + 132 \\ 399 &:= 1^2 + 4^2 + 5^3 + 13^0 + 16^2 = 12 + 42 + 53 + 130 + 162 \\ 399 &:= 1^2 + 4^2 + 7^2 + 9^1 + 18^2 = 12 + 42 + 72 + 91 + 182 \\ 399 &:= 1^2 + 5^1 + 5^3 + 12^1 + 16^2 = 12 + 51 + 53 + 121 + 162 \\ 399 &:= 1^2 + 5^3 + 6^1 + 11^1 + 16^2 = 12 + 53 + 61 + 111 + 162 \\ 399 &:= 1^2 + 5^3 + 7^1 + 10^1 + 16^2 = 12 + 53 + 71 + 101 + 162 \\ 399 &:= 1^2 + 5^3 + 8^1 + 9^1 + 16^2 = 12 + 53 + 81 + 91 + 162 \\ 399 &:= 1^2 + 6^1 + 6^2 + 10^2 + 16^2 = 12 + 61 + 62 + 102 + 162 \\ 399 &:= 1^2 + 6^3 + 9^2 + 10^2 + 13^0 = 12 + 63 + 92 + 102 + 130 \\ 399 &:= 1^3 + 2^7 + 2^8 + 13^1 + 20^0 = 13 + 27 + 28 + 131 + 200 \\ 399 &:= 1^3 + 3^2 + 8^2 + 9^0 + 18^2 = 13 + 32 + 82 + 90 + 182 \\ 399 &:= 1^3 + 3^3 + 7^0 + 9^1 + 19^2 = 13 + 33 + 70 + 91 + 192 \\ 399 &:= 1^3 + 4^3 + 7^0 + 9^1 + 18^2 = 13 + 43 + 70 + 91 + 182 \\ 399 &:= 1^3 + 5^1 + 7^2 + 7^3 + 19^0 = 13 + 51 + 72 + 73 + 190 \\ 399 &:= 1^3 + 6^2 + 7^0 + 7^3 + 18^1 = 13 + 62 + 70 + 73 + 181 \\ 399 &:= 1^3 + 6^3 + 7^0 + 12^1 + 13^2 = 13 + 63 + 70 + 121 + 132 \\ 399 &:= 1^4 + 3^0 + 5^2 + 11^1 + 19^2 = 14 + 30 + 52 + 111 + 192 \\ 399 &:= 1^4 + 3^0 + 8^1 + 10^2 + 17^2 = 14 + 30 + 81 + 102 + 172 \\ 399 &:= 1^4 + 3^0 + 8^2 + 9^1 + 18^2 = 14 + 30 + 82 + 91 + 182 \\ 399 &:= 1^4 + 3^1 + 7^0 + 13^2 + 15^2 = 14 + 31 + 70 + 132 + 152 \\ 399 &:= 1^4 + 5^0 + 5^1 + 14^2 + 14^2 = 14 + 50 + 51 + 142 + 142 \\ 399 &:= 1^6 + 2^7 + 3^5 + 6^0 + 26^1 = 16 + 27 + 35 + 60 + 261 \\ 399 &:= 1^6 + 2^8 + 4^2 + 5^3 + 26^0 = 16 + 28 + 42 + 53 + 260 \\ 399 &:= 1^7 + 2^7 + 4^4 + 13^1 + 18^0 = 17 + 27 + 44 + 131 + 180 \\ 399 &:= 1^7 + 2^7 + 5^3 + 12^2 + 18^0 = 17 + 27 + 53 + 122 + 180 \\ 399 &:= 1^7 + 2^8 + 5^3 + 14^0 + 16^1 = 17 + 28 + 53 + 140 + 161 \\ 399 &:= 1^8 + 2^4 + 4^4 + 5^3 + 26^0 = 18 + 24 + 44 + 53 + 260 \end{aligned}$$

$$\begin{aligned} 399 &:= 1^8 + 2^7 + 10^2 + 12^0 + 13^2 = 18 + 27 + 102 + 120 + 132 \\ 399 &:= 1^8 + 2^8 + 4^0 + 11^2 + 20^1 = 18 + 28 + 40 + 112 + 201 \\ 399 &:= 1^9 + 2^6 + 3^2 + 14^0 + 18^2 = 19 + 26 + 32 + 140 + 182 \\ 399 &:= 1^9 + 2^7 + 6^0 + 13^1 + 16^2 = 19 + 27 + 60 + 131 + 162 \\ 399 &:= 2^0 + 2^2 + 2^5 + 14^0 + 19^2 = 20 + 22 + 25 + 140 + 192 \\ 399 &:= 2^0 + 2^4 + 5^3 + 14^0 + 16^2 = 20 + 24 + 53 + 140 + 162 \\ 399 &:= 2^0 + 2^5 + 6^0 + 7^3 + 22^1 = 20 + 25 + 60 + 73 + 221 \\ 399 &:= 2^0 + 2^5 + 8^0 + 13^2 + 14^2 = 20 + 25 + 80 + 132 + 142 \\ 399 &:= 2^0 + 2^6 + 8^0 + 9^1 + 18^2 = 20 + 26 + 80 + 91 + 182 \\ 399 &:= 2^0 + 3^3 + 3^3 + 7^3 + 24^0 = 20 + 33 + 33 + 73 + 240 \\ 399 &:= 2^0 + 3^3 + 3^4 + 14^0 + 17^2 = 20 + 33 + 34 + 140 + 172 \\ 399 &:= 2^0 + 3^4 + 6^3 + 10^2 + 18^0 = 20 + 34 + 63 + 102 + 180 \\ 399 &:= 2^0 + 4^2 + 4^4 + 5^3 + 24^0 = 20 + 42 + 44 + 53 + 240 \\ 399 &:= 2^1 + 2^1 + 3^3 + 7^3 + 25^1 = 21 + 21 + 33 + 73 + 251 \\ 399 &:= 2^1 + 2^3 + 3^3 + 13^0 + 19^2 = 21 + 23 + 33 + 130 + 192 \\ 399 &:= 2^1 + 2^3 + 4^2 + 12^1 + 19^2 = 21 + 23 + 42 + 121 + 192 \\ 399 &:= 2^1 + 2^3 + 4^3 + 13^0 + 18^2 = 21 + 23 + 43 + 130 + 182 \\ 399 &:= 2^1 + 2^5 + 3^1 + 13^0 + 19^2 = 21 + 25 + 31 + 130 + 192 \\ 399 &:= 2^1 + 3^1 + 3^3 + 7^3 + 24^1 = 21 + 31 + 33 + 73 + 241 \\ 399 &:= 2^1 + 3^2 + 10^2 + 12^2 + 12^2 = 21 + 32 + 102 + 122 + 122 \\ 399 &:= 2^1 + 3^3 + 4^1 + 7^3 + 23^1 = 21 + 33 + 41 + 73 + 231 \\ 399 &:= 2^1 + 3^3 + 5^1 + 7^3 + 22^1 = 21 + 33 + 51 + 73 + 221 \\ 399 &:= 2^1 + 3^3 + 6^1 + 7^3 + 21^1 = 21 + 33 + 61 + 73 + 211 \\ 399 &:= 2^1 + 3^3 + 6^2 + 10^1 + 18^2 = 21 + 33 + 62 + 101 + 182 \\ 399 &:= 2^1 + 3^3 + 7^1 + 7^3 + 20^1 = 21 + 33 + 71 + 73 + 201 \\ 399 &:= 2^1 + 3^3 + 7^3 + 10^1 + 17^1 = 21 + 33 + 73 + 101 + 171 \\ 399 &:= 2^1 + 3^3 + 7^3 + 11^1 + 16^1 = 21 + 33 + 73 + 111 + 161 \\ 399 &:= 2^1 + 3^3 + 7^3 + 12^1 + 15^1 = 21 + 33 + 73 + 121 + 151 \\ 399 &:= 2^1 + 3^3 + 7^3 + 13^1 + 14^1 = 21 + 33 + 73 + 131 + 141 \\ 399 &:= 2^1 + 3^3 + 7^3 + 8^1 + 19^1 = 21 + 33 + 73 + 81 + 191 \\ 399 &:= 2^1 + 3^3 + 7^3 + 9^1 + 18^1 = 21 + 33 + 73 + 91 + 181 \\ 399 &:= 2^1 + 3^5 + 9^1 + 12^2 + 13^0 = 21 + 35 + 91 + 122 + 130 \\ 399 &:= 2^1 + 4^2 + 4^2 + 7^3 + 22^1 = 21 + 42 + 42 + 73 + 221 \\ 399 &:= 2^1 + 4^2 + 8^2 + 11^2 + 14^2 = 21 + 42 + 82 + 112 + 142 \\ 399 &:= 2^1 + 4^3 + 8^1 + 10^2 + 15^2 = 21 + 43 + 81 + 102 + 152 \\ 399 &:= 2^1 + 4^4 + 5^3 + 13^0 + 15^1 = 21 + 44 + 53 + 130 + 151 \\ 399 &:= 2^1 + 5^3 + 6^2 + 11^1 + 15^2 = 21 + 53 + 62 + 111 + 152 \\ 399 &:= 2^1 + 6^2 + 6^2 + 10^2 + 15^2 = 21 + 62 + 62 + 102 + 152 \end{aligned}$$

$$\begin{aligned} 399 &:= 2^2 + 2^3 + 5^2 + 11^0 + 19^2 = 22 + 23 + 52 + 110 + 192 \\ 399 &:= 2^2 + 2^5 + 3^0 + 13^0 + 19^2 = 22 + 25 + 30 + 130 + 192 \\ 399 &:= 2^2 + 2^5 + 4^0 + 12^0 + 19^2 = 22 + 25 + 40 + 120 + 192 \\ 399 &:= 2^2 + 2^5 + 5^0 + 11^0 + 19^2 = 22 + 25 + 50 + 110 + 192 \\ 399 &:= 2^2 + 2^5 + 6^0 + 10^0 + 19^2 = 22 + 25 + 60 + 100 + 192 \\ 399 &:= 2^2 + 2^5 + 7^0 + 9^0 + 19^2 = 22 + 25 + 70 + 90 + 192 \\ 399 &:= 2^2 + 2^5 + 8^0 + 8^0 + 19^2 = 22 + 25 + 80 + 80 + 192 \\ 399 &:= 2^2 + 3^0 + 3^3 + 7^3 + 24^1 = 22 + 30 + 33 + 73 + 241 \\ 399 &:= 2^2 + 3^2 + 6^3 + 13^2 + 15^0 = 22 + 32 + 63 + 132 + 150 \\ 399 &:= 2^2 + 4^4 + 5^0 + 11^2 + 17^1 = 22 + 44 + 50 + 112 + 171 \\ 399 &:= 2^2 + 5^1 + 5^2 + 13^2 + 14^2 = 22 + 51 + 52 + 132 + 142 \\ 399 &:= 2^2 + 5^3 + 9^0 + 10^2 + 13^2 = 22 + 53 + 90 + 102 + 132 \\ 399 &:= 2^2 + 6^1 + 6^2 + 8^2 + 17^2 = 22 + 61 + 62 + 82 + 172 \\ 399 &:= 2^3 + 2^7 + 2^8 + 6^1 + 26^0 = 23 + 27 + 28 + 61 + 260 \\ 399 &:= 2^3 + 3^0 + 10^2 + 11^2 + 13^2 = 23 + 30 + 102 + 112 + 132 \\ 399 &:= 2^3 + 3^0 + 5^2 + 7^3 + 22^1 = 23 + 30 + 52 + 73 + 221 \\ 399 &:= 2^3 + 3^1 + 4^2 + 11^1 + 19^2 = 23 + 31 + 42 + 111 + 192 \\ 399 &:= 2^3 + 4^1 + 4^2 + 10^1 + 19^2 = 23 + 41 + 42 + 101 + 192 \\ 399 &:= 2^3 + 4^2 + 5^1 + 9^1 + 19^2 = 23 + 42 + 51 + 91 + 192 \\ 399 &:= 2^3 + 4^2 + 6^1 + 8^1 + 19^2 = 23 + 42 + 61 + 81 + 192 \\ 399 &:= 2^3 + 4^2 + 7^1 + 7^1 + 19^2 = 23 + 42 + 71 + 71 + 192 \\ 399 &:= 2^3 + 5^0 + 5^2 + 13^2 + 14^2 = 23 + 50 + 52 + 132 + 142 \\ 399 &:= 2^3 + 5^1 + 6^3 + 13^0 + 13^2 = 23 + 51 + 63 + 130 + 132 \\ 399 &:= 2^3 + 5^3 + 7^0 + 9^1 + 16^2 = 23 + 53 + 70 + 91 + 162 \\ 399 &:= 2^3 + 6^2 + 7^3 + 11^1 + 13^0 = 23 + 62 + 73 + 111 + 130 \\ 399 &:= 2^4 + 3^0 + 3^2 + 12^1 + 19^2 = 24 + 30 + 32 + 121 + 192 \\ 399 &:= 2^4 + 3^0 + 5^3 + 13^0 + 16^2 = 24 + 30 + 53 + 130 + 162 \\ 399 &:= 2^4 + 3^0 + 7^2 + 9^1 + 18^2 = 24 + 30 + 72 + 91 + 182 \\ 399 &:= 2^4 + 4^0 + 5^3 + 12^0 + 16^2 = 24 + 40 + 53 + 120 + 162 \\ 399 &:= 2^4 + 4^2 + 5^1 + 9^0 + 19^2 = 24 + 42 + 51 + 90 + 192 \\ 399 &:= 2^4 + 5^0 + 5^1 + 11^2 + 16^2 = 24 + 50 + 51 + 112 + 162 \\ 399 &:= 2^4 + 5^0 + 5^3 + 11^0 + 16^2 = 24 + 50 + 53 + 110 + 162 \\ 399 &:= 2^4 + 5^3 + 6^0 + 10^0 + 16^2 = 24 + 53 + 60 + 100 + 162 \\ 399 &:= 2^4 + 5^3 + 7^0 + 9^0 + 16^2 = 24 + 53 + 70 + 90 + 162 \\ 399 &:= 2^4 + 5^3 + 8^0 + 8^0 + 16^2 = 24 + 53 + 80 + 80 + 162 \\ 399 &:= 2^5 + 3^0 + 5^0 + 7^3 + 22^1 = 25 + 30 + 50 + 73 + 221 \\ 399 &:= 2^5 + 3^0 + 7^0 + 13^2 + 14^2 = 25 + 30 + 70 + 132 + 142 \\ 399 &:= 2^5 + 4^0 + 4^0 + 7^3 + 22^1 = 25 + 40 + 40 + 73 + 221 \end{aligned}$$

$$\begin{aligned} 399 &:= 2^5 + 4^0 + 6^0 + 13^2 + 14^2 = 25 + 40 + 60 + 132 + 142 \\ 399 &:= 2^5 + 5^0 + 5^0 + 13^2 + 14^2 = 25 + 50 + 50 + 132 + 142 \\ 399 &:= 2^6 + 3^0 + 7^0 + 9^1 + 18^2 = 26 + 30 + 70 + 91 + 182 \\ 399 &:= 2^6 + 4^0 + 6^0 + 9^1 + 18^2 = 26 + 40 + 60 + 91 + 182 \\ 399 &:= 2^6 + 5^0 + 5^0 + 9^1 + 18^2 = 26 + 50 + 50 + 91 + 182 \\ 399 &:= 3^0 + 3^3 + 3^3 + 7^3 + 23^0 = 30 + 33 + 33 + 73 + 230 \\ 399 &:= 3^0 + 3^3 + 3^4 + 13^0 + 17^2 = 30 + 33 + 34 + 130 + 172 \\ 399 &:= 3^0 + 3^3 + 9^2 + 11^2 + 13^2 = 30 + 33 + 92 + 112 + 132 \\ 399 &:= 3^0 + 3^4 + 4^2 + 12^1 + 17^2 = 30 + 34 + 42 + 121 + 172 \\ 399 &:= 3^0 + 3^4 + 6^3 + 10^2 + 17^0 = 30 + 34 + 63 + 102 + 170 \\ 399 &:= 3^0 + 4^2 + 4^4 + 5^3 + 23^0 = 30 + 42 + 44 + 53 + 230 \\ 399 &:= 3^0 + 4^3 + 5^3 + 13^1 + 14^2 = 30 + 43 + 53 + 131 + 142 \\ 399 &:= 3^0 + 4^4 + 5^2 + 10^2 + 17^1 = 30 + 44 + 52 + 102 + 171 \\ 399 &:= 3^1 + 3^1 + 3^3 + 7^3 + 23^1 = 31 + 31 + 33 + 73 + 231 \\ 399 &:= 3^1 + 3^2 + 7^2 + 13^2 + 13^2 = 31 + 32 + 72 + 132 + 132 \\ 399 &:= 3^1 + 3^2 + 9^2 + 9^2 + 15^2 = 31 + 32 + 92 + 92 + 152 \\ 399 &:= 3^1 + 3^3 + 4^1 + 7^3 + 22^1 = 31 + 33 + 41 + 73 + 221 \\ 399 &:= 3^1 + 3^3 + 5^1 + 7^3 + 21^1 = 31 + 33 + 51 + 73 + 211 \\ 399 &:= 3^1 + 3^3 + 5^2 + 7^3 + 21^0 = 31 + 33 + 52 + 73 + 210 \\ 399 &:= 3^1 + 3^3 + 6^1 + 7^3 + 20^1 = 31 + 33 + 61 + 73 + 201 \\ 399 &:= 3^1 + 3^3 + 6^2 + 9^1 + 18^2 = 31 + 33 + 62 + 91 + 182 \\ 399 &:= 3^1 + 3^3 + 7^1 + 7^3 + 19^1 = 31 + 33 + 71 + 73 + 191 \\ 399 &:= 3^1 + 3^3 + 7^3 + 10^1 + 16^1 = 31 + 33 + 73 + 101 + 161 \\ 399 &:= 3^1 + 3^3 + 7^3 + 11^1 + 15^1 = 31 + 33 + 73 + 111 + 151 \\ 399 &:= 3^1 + 3^3 + 7^3 + 12^1 + 14^1 = 31 + 33 + 73 + 121 + 141 \\ 399 &:= 3^1 + 3^3 + 7^3 + 13^1 + 13^1 = 31 + 33 + 73 + 131 + 131 \\ 399 &:= 3^1 + 3^3 + 7^3 + 8^1 + 18^1 = 31 + 33 + 73 + 81 + 181 \\ 399 &:= 3^1 + 3^3 + 7^3 + 9^1 + 17^1 = 31 + 33 + 73 + 91 + 171 \\ 399 &:= 3^1 + 3^4 + 5^2 + 11^0 + 17^2 = 31 + 34 + 52 + 110 + 172 \\ 399 &:= 3^1 + 3^5 + 8^1 + 12^2 + 13^0 = 31 + 35 + 81 + 122 + 130 \\ 399 &:= 3^1 + 4^2 + 4^2 + 7^3 + 21^1 = 31 + 42 + 42 + 73 + 211 \\ 399 &:= 3^1 + 4^3 + 7^1 + 10^2 + 15^2 = 31 + 43 + 71 + 102 + 152 \\ 399 &:= 3^1 + 4^4 + 5^3 + 13^0 + 14^1 = 31 + 44 + 53 + 130 + 141 \\ 399 &:= 3^1 + 5^2 + 5^2 + 11^2 + 15^2 = 31 + 52 + 52 + 112 + 152 \\ 399 &:= 3^1 + 5^3 + 6^2 + 10^1 + 15^2 = 31 + 53 + 62 + 101 + 152 \\ 399 &:= 3^2 + 3^2 + 3^2 + 11^1 + 19^2 = 32 + 32 + 32 + 111 + 192 \\ 399 &:= 3^2 + 3^2 + 7^2 + 8^1 + 18^2 = 32 + 32 + 72 + 81 + 182 \\ 399 &:= 3^2 + 3^3 + 7^0 + 7^3 + 19^1 = 32 + 33 + 70 + 73 + 191 \end{aligned}$$

$$\begin{aligned} 399 &:= 3^2 + 4^1 + 7^2 + 9^2 + 16^2 = 32 + 41 + 72 + 92 + 162 \\ 399 &:= 3^2 + 4^2 + 5^1 + 12^2 + 15^2 = 32 + 42 + 51 + 122 + 152 \\ 399 &:= 3^2 + 4^3 + 6^2 + 9^0 + 17^2 = 32 + 43 + 62 + 90 + 172 \\ 399 &:= 3^2 + 4^3 + 7^0 + 10^2 + 15^2 = 32 + 43 + 70 + 102 + 152 \\ 399 &:= 3^2 + 4^4 + 9^0 + 11^2 + 12^1 = 32 + 44 + 90 + 112 + 121 \\ 399 &:= 3^3 + 3^3 + 4^0 + 7^3 + 22^0 = 33 + 33 + 40 + 73 + 220 \\ 399 &:= 3^3 + 3^3 + 5^0 + 7^3 + 21^0 = 33 + 33 + 50 + 73 + 210 \\ 399 &:= 3^3 + 3^3 + 6^0 + 7^3 + 20^0 = 33 + 33 + 60 + 73 + 200 \\ 399 &:= 3^3 + 3^3 + 7^0 + 7^3 + 19^0 = 33 + 33 + 70 + 73 + 190 \\ 399 &:= 3^3 + 3^3 + 7^3 + 10^0 + 16^0 = 33 + 33 + 73 + 100 + 160 \\ 399 &:= 3^3 + 3^3 + 7^3 + 11^0 + 15^0 = 33 + 33 + 73 + 110 + 150 \\ 399 &:= 3^3 + 3^3 + 7^3 + 12^0 + 14^0 = 33 + 33 + 73 + 120 + 140 \\ 399 &:= 3^3 + 3^3 + 7^3 + 13^0 + 13^0 = 33 + 33 + 73 + 130 + 130 \\ 399 &:= 3^3 + 3^3 + 7^3 + 8^0 + 18^0 = 33 + 33 + 73 + 80 + 180 \\ 399 &:= 3^3 + 3^3 + 7^3 + 9^0 + 17^0 = 33 + 33 + 73 + 90 + 170 \\ 399 &:= 3^3 + 3^4 + 4^0 + 12^0 + 17^2 = 33 + 34 + 40 + 120 + 172 \\ 399 &:= 3^3 + 3^4 + 5^0 + 11^0 + 17^2 = 33 + 34 + 50 + 110 + 172 \\ 399 &:= 3^3 + 3^4 + 6^0 + 10^0 + 17^2 = 33 + 34 + 60 + 100 + 172 \\ 399 &:= 3^3 + 3^4 + 7^0 + 9^0 + 17^2 = 33 + 34 + 70 + 90 + 172 \\ 399 &:= 3^3 + 3^4 + 8^0 + 8^0 + 17^2 = 33 + 34 + 80 + 80 + 172 \\ 399 &:= 3^3 + 4^1 + 4^1 + 7^3 + 21^1 = 33 + 41 + 41 + 73 + 211 \\ 399 &:= 3^3 + 4^1 + 5^1 + 7^3 + 20^1 = 33 + 41 + 51 + 73 + 201 \\ 399 &:= 3^3 + 4^1 + 6^1 + 7^3 + 19^1 = 33 + 41 + 61 + 73 + 191 \\ 399 &:= 3^3 + 4^1 + 6^2 + 8^1 + 18^2 = 33 + 41 + 62 + 81 + 182 \\ 399 &:= 3^3 + 4^1 + 7^1 + 7^3 + 18^1 = 33 + 41 + 71 + 73 + 181 \\ 399 &:= 3^3 + 4^1 + 7^3 + 10^1 + 15^1 = 33 + 41 + 73 + 101 + 151 \\ 399 &:= 3^3 + 4^1 + 7^3 + 11^1 + 14^1 = 33 + 41 + 73 + 111 + 141 \\ 399 &:= 3^3 + 4^1 + 7^3 + 12^1 + 13^1 = 33 + 41 + 73 + 121 + 131 \\ 399 &:= 3^3 + 4^1 + 7^3 + 8^1 + 17^1 = 33 + 41 + 73 + 81 + 171 \\ 399 &:= 3^3 + 4^1 + 7^3 + 9^1 + 16^1 = 33 + 41 + 73 + 91 + 161 \\ 399 &:= 3^3 + 4^2 + 7^3 + 12^1 + 13^0 = 33 + 42 + 73 + 121 + 130 \\ 399 &:= 3^3 + 5^0 + 5^2 + 11^2 + 15^2 = 33 + 50 + 52 + 112 + 152 \\ 399 &:= 3^3 + 5^1 + 5^1 + 7^3 + 19^1 = 33 + 51 + 51 + 73 + 191 \\ 399 &:= 3^3 + 5^1 + 6^1 + 7^3 + 18^1 = 33 + 51 + 61 + 73 + 181 \\ 399 &:= 3^3 + 5^1 + 6^2 + 7^1 + 18^2 = 33 + 51 + 62 + 71 + 182 \\ 399 &:= 3^3 + 5^1 + 7^1 + 7^3 + 17^1 = 33 + 51 + 71 + 73 + 171 \\ 399 &:= 3^3 + 5^1 + 7^3 + 10^1 + 14^1 = 33 + 51 + 73 + 101 + 141 \\ 399 &:= 3^3 + 5^1 + 7^3 + 11^1 + 13^1 = 33 + 51 + 73 + 111 + 131 \\ 399 &:= 3^3 + 5^1 + 7^3 + 12^1 + 12^1 = 33 + 51 + 73 + 121 + 121 \\ 399 &:= 3^3 + 5^1 + 7^3 + 8^1 + 16^1 = 33 + 51 + 73 + 81 + 161 \\ 399 &:= 3^3 + 5^1 + 7^3 + 9^1 + 15^1 = 33 + 51 + 73 + 91 + 151 \\ 399 &:= 3^3 + 6^1 + 6^1 + 6^2 + 18^2 = 33 + 61 + 61 + 62 + 182 \\ 399 &:= 3^3 + 6^1 + 6^1 + 7^3 + 17^1 = 33 + 61 + 61 + 73 + 171 \\ 399 &:= 3^3 + 6^1 + 7^1 + 7^3 + 16^1 = 33 + 61 + 71 + 73 + 161 \\ 399 &:= 3^3 + 6^1 + 7^3 + 10^1 + 13^1 = 33 + 61 + 73 + 101 + 131 \\ 399 &:= 3^3 + 6^1 + 7^3 + 11^1 + 12^1 = 33 + 61 + 73 + 111 + 121 \\ 399 &:= 3^3 + 6^1 + 7^3 + 8^1 + 15^1 = 33 + 61 + 73 + 81 + 151 \\ 399 &:= 3^3 + 6^1 + 7^3 + 9^1 + 14^1 = 33 + 61 + 73 + 91 + 141 \\ 399 &:= 3^3 + 6^3 + 7^0 + 11^1 + 12^2 = 33 + 63 + 70 + 111 + 122 \\ 399 &:= 3^3 + 7^1 + 7^1 + 7^3 + 15^1 = 33 + 71 + 71 + 73 + 151 \\ 399 &:= 3^3 + 7^1 + 7^3 + 10^1 + 12^1 = 33 + 71 + 73 + 101 + 121 \\ 399 &:= 3^3 + 7^1 + 7^3 + 11^1 + 11^1 = 33 + 71 + 73 + 111 + 111 \\ 399 &:= 3^3 + 7^1 + 7^3 + 8^1 + 14^1 = 33 + 71 + 73 + 81 + 141 \\ 399 &:= 3^3 + 7^1 + 7^3 + 9^1 + 13^1 = 33 + 71 + 73 + 91 + 131 \\ 399 &:= 3^3 + 7^3 + 8^1 + 10^1 + 11^1 = 33 + 73 + 81 + 101 + 111 \\ 399 &:= 3^3 + 7^3 + 8^1 + 8^1 + 13^1 = 33 + 73 + 81 + 81 + 131 \\ 399 &:= 3^3 + 7^3 + 8^1 + 9^1 + 12^1 = 33 + 73 + 81 + 91 + 121 \\ 399 &:= 3^3 + 7^3 + 9^1 + 10^1 + 10^1 = 33 + 73 + 91 + 101 + 101 \\ 399 &:= 3^3 + 7^3 + 9^1 + 9^1 + 11^1 = 33 + 73 + 91 + 91 + 111 \\ 399 &:= 3^4 + 4^0 + 6^3 + 10^2 + 16^0 = 34 + 40 + 63 + 102 + 160 \\ 399 &:= 3^4 + 4^1 + 7^0 + 12^2 + 13^2 = 34 + 41 + 70 + 122 + 132 \\ 399 &:= 3^4 + 5^0 + 6^3 + 10^2 + 15^0 = 34 + 50 + 63 + 102 + 150 \\ 399 &:= 3^4 + 6^0 + 6^3 + 10^2 + 14^0 = 34 + 60 + 63 + 102 + 140 \\ 399 &:= 3^4 + 6^3 + 10^0 + 10^0 + 10^2 = 34 + 63 + 100 + 100 + 102 \\ 399 &:= 3^4 + 6^3 + 7^0 + 10^2 + 13^0 = 34 + 63 + 70 + 102 + 130 \\ 399 &:= 3^4 + 6^3 + 8^0 + 10^2 + 12^0 = 34 + 63 + 80 + 102 + 120 \\ 399 &:= 3^4 + 6^3 + 9^0 + 10^2 + 11^0 = 34 + 63 + 90 + 102 + 110 \\ 399 &:= 3^5 + 4^1 + 7^1 + 12^2 + 13^0 = 35 + 41 + 71 + 122 + 130 \\ 399 &:= 3^5 + 5^1 + 6^1 + 12^2 + 13^0 = 35 + 51 + 61 + 122 + 130 \\ 399 &:= 4^0 + 4^2 + 4^4 + 5^3 + 22^0 = 40 + 42 + 44 + 53 + 220 \\ 399 &:= 4^1 + 4^2 + 4^2 + 7^3 + 20^1 = 41 + 42 + 42 + 73 + 201 \\ 399 &:= 4^1 + 4^3 + 6^1 + 10^2 + 15^2 = 41 + 43 + 61 + 102 + 152 \\ 399 &:= 4^1 + 4^4 + 5^3 + 13^0 + 13^1 = 41 + 44 + 53 + 130 + 131 \\ 399 &:= 4^1 + 5^3 + 5^3 + 12^2 + 13^0 = 41 + 53 + 53 + 122 + 130 \\ 399 &:= 4^1 + 5^3 + 6^2 + 9^1 + 15^2 = 41 + 53 + 62 + 91 + 152 \\ 399 &:= 4^2 + 4^2 + 5^1 + 7^3 + 19^1 = 42 + 42 + 51 + 73 + 191 \end{aligned}$$

$$\begin{aligned}
 399 &:= 4^2 + 4^2 + 6^1 + 7^3 + 18^1 = 42 + 42 + 61 + 73 + 181 \\
 399 &:= 4^2 + 4^2 + 6^2 + 7^1 + 18^2 = 42 + 42 + 62 + 71 + 182 \\
 399 &:= 4^2 + 4^2 + 7^1 + 7^3 + 17^1 = 42 + 42 + 71 + 73 + 171 \\
 399 &:= 4^2 + 4^2 + 7^3 + 10^1 + 14^1 = 42 + 42 + 73 + 101 + 141 \\
 399 &:= 4^2 + 4^2 + 7^3 + 11^1 + 13^1 = 42 + 42 + 73 + 111 + 131 \\
 399 &:= 4^2 + 4^2 + 7^3 + 12^1 + 12^1 = 42 + 42 + 73 + 121 + 121 \\
 399 &:= 4^2 + 4^2 + 7^3 + 8^1 + 16^1 = 42 + 42 + 73 + 81 + 161 \\
 399 &:= 4^2 + 4^2 + 7^3 + 9^1 + 15^1 = 42 + 42 + 73 + 91 + 151 \\
 399 &:= 4^2 + 4^4 + 5^0 + 5^3 + 21^0 = 42 + 44 + 50 + 53 + 210 \\
 399 &:= 4^2 + 4^4 + 5^1 + 11^2 + 15^0 = 42 + 44 + 51 + 112 + 150 \\
 399 &:= 4^2 + 4^4 + 5^3 + 10^0 + 16^0 = 42 + 44 + 53 + 100 + 160 \\
 399 &:= 4^2 + 4^4 + 5^3 + 11^0 + 15^0 = 42 + 44 + 53 + 110 + 150 \\
 399 &:= 4^2 + 4^4 + 5^3 + 12^0 + 14^0 = 42 + 44 + 53 + 120 + 140 \\
 399 &:= 4^2 + 4^4 + 5^3 + 13^0 + 13^0 = 42 + 44 + 53 + 130 + 130 \\
 399 &:= 4^2 + 4^4 + 5^3 + 6^0 + 20^0 = 42 + 44 + 53 + 60 + 200 \\
 399 &:= 4^2 + 4^4 + 5^3 + 7^0 + 19^0 = 42 + 44 + 53 + 70 + 190
 \end{aligned}$$

$$\begin{aligned}
 399 &:= 4^2 + 4^4 + 5^3 + 8^0 + 18^0 = 42 + 44 + 53 + 80 + 180 \\
 399 &:= 4^2 + 4^4 + 5^3 + 9^0 + 17^0 = 42 + 44 + 53 + 90 + 170 \\
 399 &:= 4^2 + 5^1 + 5^2 + 8^2 + 17^2 = 42 + 51 + 52 + 82 + 172 \\
 399 &:= 4^3 + 5^1 + 5^1 + 10^2 + 15^2 = 43 + 51 + 51 + 102 + 152 \\
 399 &:= 4^4 + 5^0 + 8^2 + 8^2 + 14^1 = 44 + 50 + 82 + 82 + 141 \\
 399 &:= 4^4 + 5^1 + 5^3 + 12^1 + 13^0 = 44 + 51 + 53 + 121 + 130 \\
 399 &:= 4^4 + 5^3 + 6^1 + 11^1 + 13^0 = 44 + 53 + 61 + 111 + 130 \\
 399 &:= 4^4 + 5^3 + 7^1 + 10^1 + 13^0 = 44 + 53 + 71 + 101 + 130 \\
 399 &:= 4^4 + 5^3 + 8^1 + 9^1 + 13^0 = 44 + 53 + 81 + 91 + 130 \\
 399 &:= 4^4 + 6^1 + 6^2 + 10^2 + 13^0 = 44 + 61 + 62 + 102 + 130 \\
 399 &:= 4^4 + 7^0 + 7^2 + 9^2 + 12^1 = 44 + 70 + 72 + 92 + 121 \\
 399 &:= 5^1 + 5^3 + 6^2 + 8^1 + 15^2 = 51 + 53 + 62 + 81 + 152 \\
 399 &:= 5^2 + 6^2 + 6^3 + 11^0 + 11^2 = 52 + 62 + 63 + 110 + 112 \\
 399 &:= 5^3 + 6^1 + 6^2 + 7^1 + 15^2 = 53 + 61 + 62 + 71 + 152 \\
 399 &:= 5^3 + 6^3 + 7^2 + 8^1 + 13^0 = 53 + 63 + 72 + 81 + 130
 \end{aligned}$$

2.2.301 Number 400

$$\begin{aligned}
 400 &:= 2^7 + 6^0 + 15^1 + 16^2 = 27 + 60 + 151 + 162 \\
 400 &:= 1^0 + 1^6 + 6^2 + 12^0 + 19^2 = 10 + 16 + 62 + 120 + 192 \\
 400 &:= 1^0 + 2^7 + 6^0 + 14^1 + 16^2 = 10 + 27 + 60 + 141 + 162 \\
 400 &:= 1^1 + 1^5 + 6^2 + 12^0 + 19^2 = 11 + 15 + 62 + 120 + 192 \\
 400 &:= 1^1 + 2^5 + 6^0 + 7^3 + 23^1 = 11 + 25 + 60 + 73 + 231 \\
 400 &:= 1^1 + 2^6 + 8^0 + 10^1 + 18^2 = 11 + 26 + 80 + 101 + 182 \\
 400 &:= 1^2 + 1^4 + 6^2 + 12^0 + 19^2 = 12 + 14 + 62 + 120 + 192 \\
 400 &:= 1^2 + 2^5 + 5^1 + 12^0 + 19^2 = 12 + 25 + 51 + 120 + 192 \\
 400 &:= 1^2 + 3^4 + 10^0 + 11^2 + 14^2 = 12 + 34 + 100 + 112 + 142 \\
 400 &:= 1^2 + 3^5 + 11^1 + 12^0 + 12^2 = 12 + 35 + 111 + 120 + 122 \\
 400 &:= 1^2 + 4^4 + 5^3 + 12^0 + 17^1 = 12 + 44 + 53 + 120 + 171 \\
 400 &:= 1^3 + 1^3 + 6^2 + 12^0 + 19^2 = 13 + 13 + 62 + 120 + 192 \\
 400 &:= 1^3 + 2^0 + 4^4 + 11^2 + 21^1 = 13 + 20 + 44 + 112 + 211 \\
 400 &:= 1^3 + 2^7 + 2^7 + 11^2 + 22^1 = 13 + 27 + 27 + 112 + 221 \\
 400 &:= 1^4 + 1^9 + 4^4 + 11^2 + 21^1 = 14 + 19 + 44 + 112 + 211 \\
 400 &:= 1^4 + 2^2 + 8^0 + 13^2 + 15^2 = 14 + 22 + 80 + 132 + 152 \\
 400 &:= 1^4 + 2^7 + 2^8 + 14^1 + 19^0 = 14 + 27 + 28 + 141 + 190 \\
 400 &:= 1^4 + 3^2 + 8^0 + 10^2 + 17^2 = 14 + 32 + 80 + 102 + 172 \\
 400 &:= 1^4 + 3^3 + 6^0 + 10^1 + 19^2 = 14 + 33 + 60 + 101 + 192
 \end{aligned}$$

$$\begin{aligned}
 400 &:= 1^4 + 4^0 + 9^2 + 11^2 + 14^2 = 14 + 40 + 92 + 112 + 142 \\
 400 &:= 1^4 + 4^3 + 6^0 + 10^1 + 18^2 = 14 + 43 + 60 + 101 + 182 \\
 400 &:= 1^4 + 5^2 + 7^2 + 8^0 + 18^2 = 14 + 52 + 72 + 80 + 182 \\
 400 &:= 1^4 + 6^0 + 6^2 + 7^3 + 19^1 = 14 + 60 + 62 + 73 + 191 \\
 400 &:= 1^4 + 6^0 + 6^3 + 13^1 + 13^2 = 14 + 60 + 63 + 131 + 132 \\
 400 &:= 1^4 + 6^1 + 7^2 + 7^3 + 18^0 = 14 + 61 + 72 + 73 + 180 \\
 400 &:= 1^5 + 1^8 + 4^4 + 11^2 + 21^1 = 15 + 18 + 44 + 112 + 211 \\
 400 &:= 1^5 + 2^0 + 5^2 + 12^1 + 19^2 = 15 + 20 + 52 + 121 + 192 \\
 400 &:= 1^5 + 2^0 + 8^2 + 10^1 + 18^2 = 15 + 20 + 82 + 101 + 182 \\
 400 &:= 1^5 + 2^0 + 9^1 + 10^2 + 17^2 = 15 + 20 + 91 + 102 + 172 \\
 400 &:= 1^5 + 2^8 + 3^4 + 6^2 + 26^1 = 15 + 28 + 34 + 62 + 261 \\
 400 &:= 1^5 + 4^0 + 6^1 + 14^2 + 14^2 = 15 + 40 + 61 + 142 + 142 \\
 400 &:= 1^5 + 4^1 + 6^0 + 13^2 + 15^2 = 15 + 41 + 60 + 132 + 152 \\
 400 &:= 1^6 + 1^7 + 4^4 + 11^2 + 21^1 = 16 + 17 + 44 + 112 + 211 \\
 400 &:= 1^6 + 1^9 + 5^2 + 12^1 + 19^2 = 16 + 19 + 52 + 121 + 192 \\
 400 &:= 1^6 + 1^9 + 8^2 + 10^1 + 18^2 = 16 + 19 + 82 + 101 + 182 \\
 400 &:= 1^6 + 1^9 + 9^1 + 10^2 + 17^2 = 16 + 19 + 91 + 102 + 172 \\
 400 &:= 1^6 + 2^0 + 6^2 + 11^0 + 19^2 = 16 + 20 + 62 + 110 + 192 \\
 400 &:= 1^6 + 3^0 + 6^2 + 10^0 + 19^2 = 16 + 30 + 62 + 100 + 192
 \end{aligned}$$

$$\begin{aligned}
 400 &:= 1^6 + 4^0 + 6^2 + 9^0 + 19^2 = 16 + 40 + 62 + 90 + 192 \\
 400 &:= 1^6 + 5^0 + 6^2 + 8^0 + 19^2 = 16 + 50 + 62 + 80 + 192 \\
 400 &:= 1^6 + 6^0 + 6^2 + 7^0 + 19^2 = 16 + 60 + 62 + 70 + 192 \\
 400 &:= 1^7 + 1^8 + 5^2 + 12^1 + 19^2 = 17 + 18 + 52 + 121 + 192 \\
 400 &:= 1^7 + 1^8 + 8^2 + 10^1 + 18^2 = 17 + 18 + 82 + 101 + 182 \\
 400 &:= 1^7 + 1^8 + 9^1 + 10^2 + 17^2 = 17 + 18 + 91 + 102 + 172 \\
 400 &:= 1^7 + 1^9 + 6^2 + 11^0 + 19^2 = 17 + 19 + 62 + 110 + 192 \\
 400 &:= 1^7 + 2^7 + 3^5 + 5^0 + 27^1 = 17 + 27 + 35 + 50 + 271 \\
 400 &:= 1^8 + 1^8 + 6^2 + 11^0 + 19^2 = 18 + 18 + 62 + 110 + 192 \\
 400 &:= 1^8 + 2^6 + 4^3 + 15^1 + 16^2 = 18 + 26 + 43 + 151 + 162 \\
 400 &:= 1^8 + 2^6 + 6^3 + 10^2 + 19^1 = 18 + 26 + 63 + 102 + 191 \\
 400 &:= 1^8 + 2^7 + 4^4 + 14^1 + 17^0 = 18 + 27 + 44 + 141 + 170 \\
 400 &:= 1^8 + 2^8 + 5^3 + 13^0 + 17^1 = 18 + 28 + 53 + 130 + 171 \\
 400 &:= 1^9 + 2^2 + 3^5 + 5^3 + 27^1 = 19 + 22 + 35 + 53 + 271 \\
 400 &:= 1^9 + 2^5 + 4^3 + 14^1 + 17^2 = 19 + 25 + 43 + 141 + 172 \\
 400 &:= 1^9 + 2^6 + 10^1 + 10^2 + 15^2 = 19 + 26 + 101 + 102 + 152 \\
 400 &:= 1^9 + 2^8 + 3^0 + 11^2 + 21^1 = 19 + 28 + 30 + 112 + 211 \\
 400 &:= 2^0 + 2^3 + 2^4 + 14^1 + 19^2 = 20 + 23 + 24 + 141 + 192 \\
 400 &:= 2^0 + 2^4 + 4^2 + 7^3 + 24^1 = 20 + 24 + 42 + 73 + 241 \\
 400 &:= 2^0 + 2^7 + 5^0 + 14^1 + 16^2 = 20 + 27 + 50 + 141 + 162 \\
 400 &:= 2^0 + 3^5 + 4^2 + 11^2 + 19^1 = 20 + 35 + 42 + 112 + 191 \\
 400 &:= 2^1 + 2^2 + 2^5 + 14^0 + 19^2 = 21 + 22 + 25 + 140 + 192 \\
 400 &:= 2^1 + 2^4 + 5^3 + 14^0 + 16^2 = 21 + 24 + 53 + 140 + 162 \\
 400 &:= 2^1 + 2^5 + 6^0 + 7^3 + 22^1 = 21 + 25 + 60 + 73 + 221 \\
 400 &:= 2^1 + 2^5 + 8^0 + 13^2 + 14^2 = 21 + 25 + 80 + 132 + 142 \\
 400 &:= 2^1 + 2^6 + 8^0 + 9^1 + 18^2 = 21 + 26 + 80 + 91 + 182 \\
 400 &:= 2^1 + 3^3 + 3^3 + 7^3 + 24^0 = 21 + 33 + 33 + 73 + 240 \\
 400 &:= 2^1 + 3^3 + 3^4 + 14^0 + 17^2 = 21 + 33 + 34 + 140 + 172 \\
 400 &:= 2^1 + 3^4 + 6^3 + 10^2 + 18^0 = 21 + 34 + 63 + 102 + 180 \\
 400 &:= 2^1 + 4^2 + 4^4 + 5^3 + 24^0 = 21 + 42 + 44 + 53 + 240 \\
 400 &:= 2^2 + 3^3 + 5^2 + 7^3 + 22^0 = 22 + 33 + 52 + 73 + 220 \\
 400 &:= 2^2 + 3^4 + 5^2 + 12^0 + 17^2 = 22 + 34 + 52 + 120 + 172 \\
 400 &:= 2^2 + 3^5 + 8^1 + 12^2 + 14^0 = 22 + 35 + 81 + 122 + 140
 \end{aligned}$$

$$\begin{aligned}
 400 &:= 2^2 + 4^4 + 5^3 + 14^0 + 14^1 = 22 + 44 + 53 + 140 + 141 \\
 400 &:= 2^3 + 3^3 + 6^0 + 7^3 + 21^1 = 23 + 33 + 60 + 73 + 211 \\
 400 &:= 2^3 + 4^4 + 8^0 + 11^2 + 14^1 = 23 + 44 + 80 + 112 + 141 \\
 400 &:= 2^4 + 4^1 + 6^2 + 7^3 + 20^0 = 24 + 41 + 62 + 73 + 200 \\
 400 &:= 2^4 + 5^2 + 7^3 + 10^0 + 15^1 = 24 + 52 + 73 + 100 + 151 \\
 400 &:= 2^5 + 3^1 + 6^0 + 7^3 + 21^1 = 25 + 31 + 60 + 73 + 211 \\
 400 &:= 2^5 + 4^1 + 6^0 + 7^3 + 20^1 = 25 + 41 + 60 + 73 + 201 \\
 400 &:= 2^5 + 5^1 + 6^0 + 7^3 + 19^1 = 25 + 51 + 60 + 73 + 191 \\
 400 &:= 2^5 + 6^0 + 6^1 + 7^3 + 18^1 = 25 + 60 + 61 + 73 + 181 \\
 400 &:= 2^5 + 6^0 + 6^2 + 7^1 + 18^2 = 25 + 60 + 62 + 71 + 182 \\
 400 &:= 2^5 + 6^0 + 7^1 + 7^3 + 17^1 = 25 + 60 + 71 + 73 + 171 \\
 400 &:= 2^5 + 6^0 + 7^3 + 10^1 + 14^1 = 25 + 60 + 73 + 101 + 141 \\
 400 &:= 2^5 + 6^0 + 7^3 + 11^1 + 13^1 = 25 + 60 + 73 + 111 + 131 \\
 400 &:= 2^5 + 6^0 + 7^3 + 12^1 + 12^1 = 25 + 60 + 73 + 121 + 121 \\
 400 &:= 2^5 + 6^0 + 7^3 + 8^1 + 16^1 = 25 + 60 + 73 + 81 + 161 \\
 400 &:= 2^5 + 6^0 + 7^3 + 9^1 + 15^1 = 25 + 60 + 73 + 91 + 151 \\
 400 &:= 2^6 + 3^1 + 8^0 + 8^1 + 18^2 = 26 + 31 + 80 + 81 + 182 \\
 400 &:= 2^6 + 4^1 + 7^1 + 8^0 + 18^2 = 26 + 41 + 71 + 80 + 182 \\
 400 &:= 2^6 + 5^1 + 6^1 + 8^0 + 18^2 = 26 + 51 + 61 + 80 + 182 \\
 400 &:= 2^7 + 3^0 + 4^0 + 14^1 + 16^2 = 27 + 30 + 40 + 141 + 162 \\
 400 &:= 3^1 + 3^2 + 3^5 + 12^2 + 18^0 = 31 + 32 + 35 + 122 + 180 \\
 400 &:= 3^2 + 4^4 + 5^3 + 9^1 + 18^0 = 32 + 44 + 53 + 91 + 180 \\
 400 &:= 3^2 + 5^3 + 6^3 + 7^2 + 18^0 = 32 + 53 + 63 + 72 + 180 \\
 400 &:= 3^3 + 4^4 + 6^0 + 10^2 + 16^1 = 33 + 44 + 60 + 102 + 161 \\
 400 &:= 3^4 + 6^0 + 7^2 + 10^2 + 13^2 = 34 + 60 + 72 + 102 + 132 \\
 400 &:= 3^5 + 5^2 + 10^0 + 10^1 + 11^2 = 35 + 52 + 100 + 101 + 112 \\
 400 &:= 3^5 + 7^1 + 7^2 + 10^2 + 12^0 = 35 + 71 + 72 + 102 + 120 \\
 400 &:= 3^5 + 8^0 + 8^2 + 9^2 + 11^1 = 35 + 80 + 82 + 92 + 111 \\
 400 &:= 4^3 + 4^4 + 8^0 + 8^2 + 15^1 = 43 + 44 + 80 + 82 + 151 \\
 400 &:= 5^3 + 5^3 + 7^2 + 10^2 + 12^0 = 53 + 53 + 72 + 102 + 120
 \end{aligned}$$

2.2.302 Number 401

$$\begin{aligned}
 401 &:= 1^4 + 4^4 + 11^2 + 23^1 = 14 + 44 + 112 + 231 \\
 401 &:= 1^6 + 10^2 + 11^1 + 17^2 = 16 + 102 + 111 + 172 \\
 401 &:= 1^6 + 5^2 + 14^1 + 19^2 = 16 + 52 + 141 + 192
 \end{aligned}$$

$$\begin{aligned}
 401 &:= 1^6 + 8^2 + 12^1 + 18^2 = 16 + 82 + 121 + 182 \\
 401 &:= 2^2 + 3^5 + 5^3 + 29^1 = 22 + 35 + 53 + 291 \\
 401 &:= 2^5 + 4^3 + 16^1 + 17^2 = 25 + 43 + 161 + 172
 \end{aligned}$$

$$\begin{aligned}401 &:= 2^6 + 10^2 + 12^1 + 15^2 = 26 + 102 + 121 + 152 \\401 &:= 2^7 + 4^2 + 16^2 + 17^0 = 27 + 42 + 162 + 170 \\401 &:= 2^8 + 3^0 + 11^2 + 23^1 = 28 + 30 + 112 + 231 \\401 &:= 1^0 + 1^4 + 4^4 + 11^2 + 22^1 = 10 + 14 + 44 + 112 + 221 \\401 &:= 1^0 + 1^6 + 10^1 + 10^2 + 17^2 = 10 + 16 + 101 + 102 + 172 \\401 &:= 1^0 + 1^6 + 5^2 + 13^1 + 19^2 = 10 + 16 + 52 + 131 + 192 \\401 &:= 1^0 + 1^6 + 8^2 + 11^1 + 18^2 = 10 + 16 + 82 + 111 + 182 \\401 &:= 1^0 + 2^5 + 4^3 + 15^1 + 17^2 = 10 + 25 + 43 + 151 + 172 \\401 &:= 1^0 + 2^6 + 10^2 + 11^1 + 15^2 = 10 + 26 + 102 + 111 + 152 \\401 &:= 1^0 + 2^8 + 3^0 + 11^2 + 22^1 = 10 + 28 + 30 + 112 + 221 \\401 &:= 1^1 + 1^3 + 4^4 + 11^2 + 22^1 = 11 + 13 + 44 + 112 + 221 \\401 &:= 1^1 + 1^5 + 10^1 + 10^2 + 17^2 = 11 + 15 + 101 + 102 + 172 \\401 &:= 1^1 + 1^5 + 5^2 + 13^1 + 19^2 = 11 + 15 + 52 + 131 + 192 \\401 &:= 1^1 + 1^5 + 8^2 + 11^1 + 18^2 = 11 + 15 + 82 + 111 + 182 \\401 &:= 1^1 + 2^3 + 2^4 + 15^1 + 19^2 = 11 + 23 + 24 + 151 + 192 \\401 &:= 1^1 + 2^4 + 4^2 + 7^3 + 25^1 = 11 + 24 + 42 + 73 + 251 \\401 &:= 1^1 + 2^7 + 5^0 + 15^1 + 16^2 = 11 + 27 + 50 + 151 + 162 \\401 &:= 1^1 + 3^5 + 4^2 + 11^2 + 20^1 = 11 + 35 + 42 + 112 + 201 \\401 &:= 1^2 + 1^2 + 4^4 + 11^2 + 22^1 = 12 + 12 + 44 + 112 + 221 \\401 &:= 1^2 + 1^4 + 10^1 + 10^2 + 17^2 = 12 + 14 + 101 + 102 + 172 \\401 &:= 1^2 + 1^4 + 5^2 + 13^1 + 19^2 = 12 + 14 + 52 + 131 + 192 \\401 &:= 1^2 + 1^4 + 8^2 + 11^1 + 18^2 = 12 + 14 + 82 + 111 + 182 \\401 &:= 1^2 + 2^2 + 3^3 + 7^3 + 26^1 = 12 + 22 + 33 + 73 + 261 \\401 &:= 1^2 + 2^3 + 5^2 + 7^3 + 24^1 = 12 + 23 + 52 + 73 + 241 \\401 &:= 1^2 + 2^4 + 3^2 + 14^1 + 19^2 = 12 + 24 + 32 + 141 + 192 \\401 &:= 1^2 + 2^4 + 7^2 + 11^1 + 18^2 = 12 + 24 + 72 + 111 + 182 \\401 &:= 1^2 + 2^5 + 5^0 + 7^3 + 24^1 = 12 + 25 + 50 + 73 + 241 \\401 &:= 1^2 + 2^6 + 7^0 + 11^1 + 18^2 = 12 + 26 + 70 + 111 + 182 \\401 &:= 1^2 + 3^4 + 4^2 + 14^1 + 17^2 = 12 + 34 + 42 + 141 + 172 \\401 &:= 1^2 + 4^3 + 5^3 + 14^2 + 15^1 = 12 + 43 + 53 + 142 + 151 \\401 &:= 1^2 + 4^4 + 5^2 + 10^2 + 19^1 = 12 + 44 + 52 + 102 + 191 \\401 &:= 1^3 + 1^3 + 10^1 + 10^2 + 17^2 = 13 + 13 + 101 + 102 + 172 \\401 &:= 1^3 + 1^3 + 5^2 + 13^1 + 19^2 = 13 + 13 + 52 + 131 + 192 \\401 &:= 1^3 + 1^3 + 8^2 + 11^1 + 18^2 = 13 + 13 + 82 + 111 + 182 \\401 &:= 1^3 + 2^1 + 4^4 + 11^2 + 21^1 = 13 + 21 + 44 + 112 + 211 \\401 &:= 1^3 + 2^2 + 5^3 + 15^1 + 16^2 = 13 + 22 + 53 + 151 + 162 \\401 &:= 1^3 + 2^5 + 6^1 + 11^0 + 19^2 = 13 + 25 + 61 + 110 + 192 \\401 &:= 1^3 + 3^1 + 4^4 + 11^2 + 20^1 = 13 + 31 + 44 + 112 + 201\end{aligned}$$

$$\begin{aligned}401 &:= 1^3 + 3^2 + 5^2 + 7^3 + 23^1 = 13 + 32 + 52 + 73 + 231 \\401 &:= 1^3 + 3^3 + 8^1 + 13^2 + 14^2 = 13 + 33 + 81 + 132 + 142 \\401 &:= 1^3 + 3^5 + 11^0 + 12^1 + 12^2 = 13 + 35 + 110 + 121 + 122 \\401 &:= 1^3 + 4^1 + 4^4 + 11^2 + 19^1 = 13 + 41 + 44 + 112 + 191 \\401 &:= 1^3 + 4^3 + 6^2 + 11^1 + 17^2 = 13 + 43 + 62 + 111 + 172 \\401 &:= 1^3 + 4^4 + 10^1 + 11^2 + 13^1 = 13 + 44 + 101 + 112 + 131 \\401 &:= 1^3 + 4^4 + 11^1 + 11^2 + 12^1 = 13 + 44 + 111 + 112 + 121 \\401 &:= 1^3 + 4^4 + 5^1 + 11^2 + 18^1 = 13 + 44 + 51 + 112 + 181 \\401 &:= 1^3 + 4^4 + 5^3 + 11^0 + 18^1 = 13 + 44 + 53 + 110 + 181 \\401 &:= 1^3 + 4^4 + 6^1 + 11^2 + 17^1 = 13 + 44 + 61 + 112 + 171 \\401 &:= 1^3 + 4^4 + 7^1 + 11^2 + 16^1 = 13 + 44 + 71 + 112 + 161 \\401 &:= 1^3 + 4^4 + 8^1 + 11^2 + 15^1 = 13 + 44 + 81 + 112 + 151 \\401 &:= 1^3 + 4^4 + 9^1 + 11^2 + 14^1 = 13 + 44 + 91 + 112 + 141 \\401 &:= 1^3 + 5^2 + 6^3 + 12^2 + 15^1 = 13 + 52 + 63 + 122 + 151 \\401 &:= 1^3 + 5^3 + 10^1 + 11^2 + 12^2 = 13 + 53 + 101 + 112 + 122 \\401 &:= 1^3 + 6^3 + 7^2 + 11^2 + 14^1 = 13 + 63 + 72 + 112 + 141 \\401 &:= 1^4 + 4^1 + 10^2 + 10^2 + 14^2 = 14 + 41 + 102 + 102 + 142 \\401 &:= 1^4 + 4^2 + 7^1 + 11^2 + 16^2 = 14 + 42 + 71 + 112 + 162 \\401 &:= 1^4 + 5^1 + 7^2 + 11^2 + 15^2 = 14 + 51 + 72 + 112 + 152 \\401 &:= 1^4 + 5^2 + 6^1 + 12^2 + 15^2 = 14 + 52 + 61 + 122 + 152 \\401 &:= 1^4 + 5^3 + 7^2 + 11^0 + 15^2 = 14 + 53 + 72 + 110 + 152 \\401 &:= 1^5 + 2^1 + 5^2 + 12^1 + 19^2 = 15 + 21 + 52 + 121 + 192 \\401 &:= 1^5 + 2^1 + 8^2 + 10^1 + 18^2 = 15 + 21 + 82 + 101 + 182 \\401 &:= 1^5 + 2^1 + 9^1 + 10^2 + 17^2 = 15 + 21 + 91 + 102 + 172 \\401 &:= 1^5 + 2^7 + 2^8 + 15^1 + 18^0 = 15 + 27 + 28 + 151 + 180 \\401 &:= 1^5 + 3^1 + 5^2 + 11^1 + 19^2 = 15 + 31 + 52 + 111 + 192 \\401 &:= 1^5 + 3^1 + 8^1 + 10^2 + 17^2 = 15 + 31 + 81 + 102 + 172 \\401 &:= 1^5 + 3^1 + 8^2 + 9^1 + 18^2 = 15 + 31 + 82 + 91 + 182 \\401 &:= 1^5 + 3^3 + 5^0 + 11^1 + 19^2 = 15 + 33 + 50 + 111 + 192 \\401 &:= 1^5 + 4^1 + 5^2 + 10^1 + 19^2 = 15 + 41 + 52 + 101 + 192 \\401 &:= 1^5 + 4^1 + 7^1 + 10^2 + 17^2 = 15 + 41 + 71 + 102 + 172 \\401 &:= 1^5 + 4^1 + 8^1 + 8^2 + 18^2 = 15 + 41 + 81 + 82 + 182 \\401 &:= 1^5 + 4^3 + 5^0 + 11^1 + 18^2 = 15 + 43 + 50 + 111 + 182 \\401 &:= 1^5 + 5^0 + 6^2 + 7^3 + 20^1 = 15 + 50 + 62 + 73 + 201 \\401 &:= 1^5 + 5^0 + 6^3 + 13^2 + 14^1 = 15 + 50 + 63 + 132 + 141 \\401 &:= 1^5 + 5^1 + 5^2 + 9^1 + 19^2 = 15 + 51 + 52 + 91 + 192 \\401 &:= 1^5 + 5^1 + 6^1 + 10^2 + 17^2 = 15 + 51 + 61 + 102 + 172 \\401 &:= 1^5 + 5^1 + 7^1 + 8^2 + 18^2 = 15 + 51 + 71 + 82 + 182\end{aligned}$$

$$\begin{aligned}
 401 &:= 1^5 + 5^2 + 6^1 + 8^1 + 19^2 = 15 + 52 + 61 + 81 + 192 \\
 401 &:= 1^5 + 5^2 + 7^1 + 7^1 + 19^2 = 15 + 52 + 71 + 71 + 192 \\
 401 &:= 1^5 + 6^1 + 6^1 + 8^2 + 18^2 = 15 + 61 + 61 + 82 + 182 \\
 401 &:= 1^5 + 7^1 + 7^2 + 7^3 + 17^0 = 15 + 71 + 72 + 73 + 170 \\
 401 &:= 1^6 + 2^1 + 6^2 + 11^0 + 19^2 = 16 + 21 + 62 + 110 + 192 \\
 401 &:= 1^6 + 3^0 + 7^1 + 14^2 + 14^2 = 16 + 30 + 71 + 142 + 142 \\
 401 &:= 1^6 + 5^0 + 5^1 + 13^2 + 15^2 = 16 + 50 + 51 + 132 + 152 \\
 401 &:= 1^9 + 2^7 + 4^4 + 15^1 + 16^0 = 19 + 27 + 44 + 151 + 160 \\
 401 &:= 1^9 + 2^8 + 5^3 + 12^0 + 18^1 = 19 + 28 + 53 + 120 + 181 \\
 401 &:= 2^0 + 2^0 + 2^8 + 11^2 + 22^1 = 20 + 20 + 28 + 112 + 221 \\
 401 &:= 2^1 + 2^3 + 2^4 + 14^1 + 19^2 = 21 + 23 + 24 + 141 + 192 \\
 401 &:= 2^1 + 2^4 + 4^2 + 7^3 + 24^1 = 21 + 24 + 42 + 73 + 241 \\
 401 &:= 2^1 + 2^7 + 5^0 + 14^1 + 16^2 = 21 + 27 + 50 + 141 + 162 \\
 401 &:= 2^1 + 3^5 + 4^2 + 11^2 + 19^1 = 21 + 35 + 42 + 112 + 191 \\
 401 &:= 2^2 + 2^5 + 7^0 + 7^3 + 21^1 = 22 + 25 + 70 + 73 + 211 \\
 401 &:= 2^2 + 2^6 + 8^1 + 9^0 + 18^2 = 22 + 26 + 81 + 90 + 182 \\
 401 &:= 2^2 + 3^2 + 3^5 + 12^2 + 19^0 = 22 + 32 + 35 + 122 + 190 \\
 401 &:= 2^2 + 3^4 + 7^2 + 11^1 + 16^2 = 22 + 34 + 72 + 111 + 162 \\
 401 &:= 2^2 + 3^4 + 9^2 + 10^1 + 15^2 = 22 + 34 + 92 + 101 + 152 \\
 401 &:= 2^2 + 4^3 + 4^3 + 13^1 + 16^2 = 22 + 43 + 43 + 131 + 162 \\
 401 &:= 2^2 + 4^3 + 6^3 + 10^2 + 17^1 = 22 + 43 + 63 + 102 + 171 \\
 401 &:= 2^2 + 5^3 + 6^2 + 6^3 + 20^1 = 22 + 53 + 62 + 63 + 201 \\
 401 &:= 2^3 + 2^3 + 8^1 + 11^2 + 16^2 = 23 + 23 + 81 + 112 + 162 \\
 401 &:= 2^3 + 2^4 + 3^1 + 13^1 + 19^2 = 23 + 24 + 31 + 131 + 192 \\
 401 &:= 2^3 + 2^4 + 4^1 + 12^1 + 19^2 = 23 + 24 + 41 + 121 + 192 \\
 401 &:= 2^3 + 2^4 + 5^1 + 11^1 + 19^2 = 23 + 24 + 51 + 111 + 192 \\
 401 &:= 2^3 + 2^4 + 6^1 + 10^1 + 19^2 = 23 + 24 + 61 + 101 + 192 \\
 401 &:= 2^3 + 2^4 + 7^1 + 9^1 + 19^2 = 23 + 24 + 71 + 91 + 192 \\
 401 &:= 2^3 + 2^4 + 8^1 + 8^1 + 19^2 = 23 + 24 + 81 + 81 + 192 \\
 401 &:= 2^3 + 3^5 + 5^1 + 12^2 + 17^0 = 23 + 35 + 51 + 122 + 170 \\
 401 &:= 2^3 + 4^2 + 8^2 + 12^2 + 13^2 = 23 + 42 + 82 + 122 + 132 \\
 401 &:= 2^3 + 4^2 + 9^2 + 10^2 + 14^2 = 23 + 42 + 92 + 102 + 142 \\
 401 &:= 2^3 + 4^3 + 8^2 + 9^1 + 16^2 = 23 + 43 + 82 + 91 + 162 \\
 401 &:= 2^3 + 4^4 + 5^3 + 11^1 + 17^0 = 23 + 44 + 53 + 111 + 170 \\
 401 &:= 2^3 + 4^4 + 6^2 + 10^2 + 17^0 = 23 + 44 + 62 + 102 + 170 \\
 401 &:= 2^3 + 6^3 + 8^2 + 10^2 + 13^1 = 23 + 63 + 82 + 102 + 131 \\
 401 &:= 2^4 + 2^4 + 7^1 + 9^0 + 19^2 = 24 + 24 + 71 + 90 + 192 \\
 401 &:= 2^4 + 3^0 + 3^4 + 14^1 + 17^2 = 24 + 30 + 34 + 141 + 172
 \end{aligned}$$

$$\begin{aligned}
 401 &:= 2^4 + 3^1 + 4^2 + 7^3 + 23^1 = 24 + 31 + 42 + 73 + 231 \\
 401 &:= 2^4 + 3^2 + 7^1 + 12^2 + 15^2 = 24 + 32 + 71 + 122 + 152 \\
 401 &:= 2^4 + 3^3 + 7^3 + 13^0 + 14^1 = 24 + 33 + 73 + 130 + 141 \\
 401 &:= 2^4 + 4^1 + 4^2 + 7^3 + 22^1 = 24 + 41 + 42 + 73 + 221 \\
 401 &:= 2^4 + 4^1 + 8^2 + 11^2 + 14^2 = 24 + 41 + 82 + 112 + 142 \\
 401 &:= 2^4 + 4^2 + 5^1 + 7^3 + 21^1 = 24 + 42 + 51 + 73 + 211 \\
 401 &:= 2^4 + 4^2 + 5^2 + 7^3 + 21^0 = 24 + 42 + 52 + 73 + 210 \\
 401 &:= 2^4 + 4^2 + 6^1 + 7^3 + 20^1 = 24 + 42 + 61 + 73 + 201 \\
 401 &:= 2^4 + 4^2 + 6^2 + 9^1 + 18^2 = 24 + 42 + 62 + 91 + 182 \\
 401 &:= 2^4 + 4^2 + 7^1 + 7^3 + 19^1 = 24 + 42 + 71 + 73 + 191 \\
 401 &:= 2^4 + 4^2 + 7^3 + 10^1 + 16^1 = 24 + 42 + 73 + 101 + 161 \\
 401 &:= 2^4 + 4^2 + 7^3 + 11^1 + 15^1 = 24 + 42 + 73 + 111 + 151 \\
 401 &:= 2^4 + 4^2 + 7^3 + 12^1 + 14^1 = 24 + 42 + 73 + 121 + 141 \\
 401 &:= 2^4 + 4^2 + 7^3 + 13^1 + 13^1 = 24 + 42 + 73 + 131 + 131 \\
 401 &:= 2^4 + 4^2 + 7^3 + 8^1 + 18^1 = 24 + 42 + 73 + 81 + 181 \\
 401 &:= 2^4 + 4^2 + 7^3 + 9^1 + 17^1 = 24 + 42 + 73 + 91 + 171 \\
 401 &:= 2^4 + 4^3 + 8^2 + 9^0 + 16^2 = 24 + 43 + 82 + 90 + 162 \\
 401 &:= 2^4 + 4^4 + 7^1 + 11^2 + 15^0 = 24 + 44 + 71 + 112 + 150 \\
 401 &:= 2^4 + 5^2 + 7^1 + 8^2 + 17^2 = 24 + 52 + 71 + 82 + 172 \\
 401 &:= 2^5 + 3^2 + 7^3 + 11^0 + 16^1 = 25 + 32 + 73 + 110 + 161 \\
 401 &:= 2^5 + 4^2 + 7^3 + 9^1 + 17^0 = 25 + 42 + 73 + 91 + 170 \\
 401 &:= 2^5 + 6^3 + 8^1 + 11^0 + 12^2 = 25 + 63 + 81 + 110 + 122 \\
 401 &:= 2^6 + 2^6 + 2^7 + 12^2 + 20^0 = 26 + 26 + 27 + 122 + 200 \\
 401 &:= 2^6 + 2^6 + 2^8 + 16^0 + 16^1 = 26 + 26 + 28 + 160 + 161 \\
 401 &:= 2^6 + 3^0 + 6^2 + 11^1 + 17^2 = 26 + 30 + 62 + 111 + 172 \\
 401 &:= 2^6 + 3^1 + 3^2 + 13^0 + 18^2 = 26 + 31 + 32 + 130 + 182 \\
 401 &:= 2^7 + 3^1 + 5^0 + 13^1 + 16^2 = 27 + 31 + 50 + 131 + 162 \\
 401 &:= 2^7 + 4^1 + 5^0 + 12^1 + 16^2 = 27 + 41 + 50 + 121 + 162 \\
 401 &:= 2^7 + 5^0 + 5^1 + 11^1 + 16^2 = 27 + 50 + 51 + 111 + 162 \\
 401 &:= 2^7 + 5^0 + 6^1 + 10^1 + 16^2 = 27 + 50 + 61 + 101 + 162 \\
 401 &:= 2^7 + 5^0 + 7^1 + 9^1 + 16^2 = 27 + 50 + 71 + 91 + 162 \\
 401 &:= 2^7 + 5^0 + 8^1 + 8^1 + 16^2 = 27 + 50 + 81 + 81 + 162 \\
 401 &:= 3^1 + 3^5 + 4^2 + 11^2 + 18^1 = 31 + 35 + 42 + 112 + 181 \\
 401 &:= 3^2 + 3^2 + 3^4 + 13^1 + 17^2 = 32 + 32 + 34 + 131 + 172 \\
 401 &:= 3^2 + 3^3 + 10^2 + 11^2 + 12^2 = 32 + 33 + 102 + 112 + 122 \\
 401 &:= 3^2 + 3^3 + 4^3 + 12^1 + 17^2 = 32 + 33 + 43 + 121 + 172 \\
 401 &:= 3^2 + 3^5 + 5^0 + 5^3 + 23^1 = 32 + 35 + 50 + 53 + 231 \\
 401 &:= 3^3 + 3^3 + 7^1 + 12^2 + 14^2 = 33 + 33 + 71 + 122 + 142
 \end{aligned}$$

$$\begin{aligned}
 401 &:= 3^3 + 3^3 + 7^2 + 9^1 + 17^2 = 33 + 33 + 72 + 91 + 172 \\
 401 &:= 3^3 + 3^4 + 6^2 + 11^0 + 16^2 = 33 + 34 + 62 + 110 + 162 \\
 401 &:= 3^3 + 3^5 + 9^1 + 11^2 + 13^0 = 33 + 35 + 91 + 112 + 130 \\
 401 &:= 3^3 + 4^2 + 9^2 + 9^2 + 14^2 = 33 + 42 + 92 + 92 + 142 \\
 401 &:= 3^3 + 4^4 + 6^2 + 9^2 + 17^0 = 33 + 44 + 62 + 92 + 170 \\
 401 &:= 3^3 + 5^2 + 6^2 + 12^2 + 13^2 = 33 + 52 + 62 + 122 + 132 \\
 401 &:= 3^3 + 6^2 + 7^2 + 8^2 + 15^2 = 33 + 62 + 72 + 82 + 152 \\
 401 &:= 3^3 + 6^3 + 8^2 + 9^2 + 13^1 = 33 + 63 + 82 + 92 + 131 \\
 401 &:= 3^4 + 3^4 + 5^0 + 13^1 + 15^2 = 34 + 34 + 50 + 131 + 152 \\
 401 &:= 3^4 + 4^2 + 8^1 + 10^2 + 14^2 = 34 + 42 + 81 + 102 + 142 \\
 401 &:= 3^4 + 4^4 + 7^2 + 11^0 + 14^1 = 34 + 44 + 72 + 110 + 141 \\
 401 &:= 3^4 + 5^2 + 5^3 + 13^0 + 13^2 = 34 + 52 + 53 + 130 + 132 \\
 401 &:= 3^4 + 5^2 + 7^1 + 12^2 + 12^2 = 34 + 52 + 71 + 122 + 122 \\
 401 &:= 3^4 + 6^1 + 7^2 + 11^2 + 12^2 = 34 + 61 + 72 + 112 + 122 \\
 401 &:= 3^4 + 6^1 + 8^2 + 9^2 + 13^2 = 34 + 61 + 82 + 92 + 132 \\
 401 &:= 3^4 + 6^2 + 7^1 + 9^2 + 14^2 = 34 + 62 + 71 + 92 + 142 \\
 401 &:= 3^5 + 4^1 + 4^2 + 11^2 + 17^1 = 35 + 41 + 42 + 112 + 171 \\
 401 &:= 3^5 + 4^2 + 10^1 + 11^1 + 11^2 = 35 + 42 + 101 + 111 + 112 \\
 401 &:= 3^5 + 4^2 + 5^1 + 11^2 + 16^1 = 35 + 42 + 51 + 112 + 161
 \end{aligned}$$

$$\begin{aligned}
 401 &:= 3^5 + 4^2 + 5^3 + 11^0 + 16^1 = 35 + 42 + 53 + 110 + 161 \\
 401 &:= 3^5 + 4^2 + 6^1 + 11^2 + 15^1 = 35 + 42 + 61 + 112 + 151 \\
 401 &:= 3^5 + 4^2 + 7^1 + 11^2 + 14^1 = 35 + 42 + 71 + 112 + 141 \\
 401 &:= 3^5 + 4^2 + 8^1 + 11^2 + 13^1 = 35 + 42 + 81 + 112 + 131 \\
 401 &:= 3^5 + 4^2 + 9^1 + 11^2 + 12^1 = 35 + 42 + 91 + 112 + 121 \\
 401 &:= 3^5 + 4^3 + 9^2 + 11^0 + 12^1 = 35 + 43 + 92 + 110 + 121 \\
 401 &:= 3^5 + 5^2 + 5^3 + 7^1 + 19^0 = 35 + 52 + 53 + 71 + 190 \\
 401 &:= 4^2 + 4^3 + 10^2 + 10^2 + 11^2 = 42 + 43 + 102 + 102 + 112 \\
 401 &:= 4^2 + 4^3 + 4^4 + 8^2 + 19^0 = 42 + 43 + 44 + 82 + 190 \\
 401 &:= 4^2 + 4^4 + 7^2 + 8^2 + 16^1 = 42 + 44 + 72 + 82 + 161 \\
 401 &:= 4^2 + 5^2 + 5^3 + 6^3 + 19^1 = 42 + 52 + 53 + 63 + 191 \\
 401 &:= 4^2 + 5^3 + 5^3 + 11^2 + 14^1 = 42 + 53 + 53 + 112 + 141 \\
 401 &:= 4^3 + 4^3 + 4^4 + 11^0 + 16^1 = 43 + 43 + 44 + 110 + 161 \\
 401 &:= 4^3 + 4^3 + 8^1 + 11^2 + 12^2 = 43 + 43 + 81 + 112 + 122 \\
 401 &:= 4^3 + 5^2 + 6^3 + 9^2 + 15^1 = 43 + 52 + 63 + 92 + 151 \\
 401 &:= 4^3 + 5^3 + 9^2 + 10^1 + 11^2 = 43 + 53 + 92 + 101 + 112 \\
 401 &:= 4^3 + 6^2 + 6^2 + 11^2 + 12^2 = 43 + 62 + 62 + 112 + 122 \\
 401 &:= 5^2 + 5^3 + 5^3 + 5^3 + 19^0 = 52 + 53 + 53 + 53 + 190
 \end{aligned}$$

2.2.303 Number 402

$$\begin{aligned}
 402 &:= 1^0 + 19^0 + 20^2 = 10 + 190 + 202 \\
 402 &:= 10^0 + 10^0 + 20^2 = 100 + 100 + 202 \\
 402 &:= 2^0 + 18^0 + 20^2 = 20 + 180 + 202 \\
 402 &:= 3^0 + 17^0 + 20^2 = 30 + 170 + 202 \\
 402 &:= 4^0 + 16^0 + 20^2 = 40 + 160 + 202 \\
 402 &:= 5^0 + 15^0 + 20^2 = 50 + 150 + 202 \\
 402 &:= 6^0 + 14^0 + 20^2 = 60 + 140 + 202 \\
 402 &:= 7^0 + 13^0 + 20^2 = 70 + 130 + 202 \\
 402 &:= 8^0 + 12^0 + 20^2 = 80 + 120 + 202 \\
 402 &:= 9^0 + 11^0 + 20^2 = 90 + 110 + 202 \\
 402 &:= 1^2 + 2^8 + 12^2 + 24^0 = 12 + 28 + 122 + 240 \\
 402 &:= 1^6 + 4^4 + 12^2 + 22^0 = 16 + 44 + 122 + 220 \\
 402 &:= 1^8 + 10^0 + 12^2 + 16^2 = 18 + 100 + 122 + 162 \\
 402 &:= 2^6 + 3^4 + 16^2 + 18^0 = 26 + 34 + 162 + 180 \\
 402 &:= 2^6 + 4^4 + 9^2 + 24^0 = 26 + 44 + 92 + 240 \\
 402 &:= 2^7 + 4^4 + 16^0 + 17^1 = 27 + 44 + 160 + 171
 \end{aligned}$$

$$\begin{aligned}
 402 &:= 2^8 + 5^3 + 12^0 + 20^1 = 28 + 53 + 120 + 201 \\
 402 &:= 2^8 + 8^2 + 9^2 + 20^0 = 28 + 82 + 92 + 200 \\
 402 &:= 1^0 + 2^7 + 4^4 + 16^0 + 16^1 = 10 + 27 + 44 + 160 + 161 \\
 402 &:= 1^0 + 2^8 + 5^3 + 12^0 + 19^1 = 10 + 28 + 53 + 120 + 191 \\
 402 &:= 1^1 + 2^0 + 2^8 + 11^2 + 23^1 = 11 + 20 + 28 + 112 + 231 \\
 402 &:= 1^1 + 2^7 + 4^2 + 16^0 + 16^2 = 11 + 27 + 42 + 160 + 162 \\
 402 &:= 1^2 + 1^9 + 2^8 + 11^2 + 23^1 = 12 + 19 + 28 + 112 + 231 \\
 402 &:= 1^2 + 2^5 + 5^2 + 7^3 + 24^0 = 12 + 25 + 52 + 73 + 240 \\
 402 &:= 1^2 + 2^7 + 4^0 + 16^1 + 16^2 = 12 + 27 + 40 + 161 + 162 \\
 402 &:= 1^3 + 1^8 + 2^8 + 11^2 + 23^1 = 13 + 18 + 28 + 112 + 231 \\
 402 &:= 1^3 + 2^5 + 4^0 + 7^3 + 25^1 = 13 + 25 + 40 + 73 + 251 \\
 402 &:= 1^3 + 2^6 + 6^0 + 12^1 + 18^2 = 13 + 26 + 60 + 121 + 182 \\
 402 &:= 1^3 + 3^5 + 6^2 + 11^2 + 18^0 = 13 + 35 + 62 + 112 + 180 \\
 402 &:= 1^4 + 1^7 + 2^8 + 11^2 + 23^1 = 14 + 17 + 28 + 112 + 231 \\
 402 &:= 1^4 + 2^3 + 7^2 + 7^3 + 22^0 = 14 + 23 + 72 + 73 + 220 \\
 402 &:= 1^4 + 2^5 + 7^1 + 10^0 + 19^2 = 14 + 25 + 71 + 100 + 192
 \end{aligned}$$

$$\begin{aligned}402 &:= 1^4 + 3^5 + 10^0 + 12^2 + 13^1 = 14 + 35 + 100 + 122 + 131 \\402 &:= 1^4 + 4^4 + 5^3 + 10^0 + 19^1 = 14 + 44 + 53 + 100 + 191 \\402 &:= 1^5 + 1^6 + 2^8 + 11^2 + 23^1 = 15 + 16 + 28 + 112 + 231 \\402 &:= 1^5 + 2^3 + 8^0 + 14^2 + 14^2 = 15 + 23 + 80 + 142 + 142 \\402 &:= 1^5 + 3^3 + 7^2 + 10^0 + 18^2 = 15 + 33 + 72 + 100 + 182 \\402 &:= 1^6 + 2^7 + 2^7 + 12^2 + 21^0 = 16 + 27 + 27 + 122 + 210 \\402 &:= 1^6 + 2^7 + 2^8 + 16^1 + 17^0 = 16 + 27 + 28 + 161 + 170 \\402 &:= 1^6 + 3^3 + 4^0 + 12^1 + 19^2 = 16 + 33 + 40 + 121 + 192 \\402 &:= 1^6 + 4^0 + 4^3 + 12^1 + 18^2 = 16 + 40 + 43 + 121 + 182 \\402 &:= 1^6 + 4^0 + 6^2 + 7^3 + 21^1 = 16 + 40 + 62 + 73 + 211 \\402 &:= 1^6 + 4^0 + 6^3 + 13^2 + 15^1 = 16 + 40 + 63 + 132 + 151 \\402 &:= 1^6 + 7^2 + 7^3 + 8^1 + 16^0 = 16 + 72 + 73 + 81 + 160 \\402 &:= 1^7 + 2^0 + 8^1 + 14^2 + 14^2 = 17 + 20 + 81 + 142 + 142 \\402 &:= 1^7 + 2^6 + 2^6 + 16^2 + 17^1 = 17 + 26 + 26 + 162 + 171 \\402 &:= 1^7 + 3^1 + 6^2 + 10^0 + 19^2 = 17 + 31 + 62 + 100 + 192 \\402 &:= 1^7 + 4^0 + 6^1 + 13^2 + 15^2 = 17 + 40 + 61 + 132 + 152 \\402 &:= 1^8 + 1^9 + 8^1 + 14^2 + 14^2 = 18 + 19 + 81 + 142 + 142 \\402 &:= 1^8 + 2^5 + 2^6 + 16^1 + 17^2 = 18 + 25 + 26 + 161 + 172 \\402 &:= 1^9 + 2^4 + 2^7 + 16^2 + 17^0 = 19 + 24 + 27 + 162 + 170 \\402 &:= 1^9 + 2^5 + 3^5 + 5^3 + 27^0 = 19 + 25 + 35 + 53 + 270 \\402 &:= 1^9 + 2^7 + 4^2 + 4^4 + 27^0 = 19 + 27 + 42 + 44 + 270 \\402 &:= 1^9 + 2^8 + 5^2 + 10^2 + 20^1 = 19 + 28 + 52 + 102 + 201 \\402 &:= 2^0 + 2^1 + 2^8 + 11^2 + 22^1 = 20 + 21 + 28 + 112 + 221 \\402 &:= 2^0 + 2^4 + 2^4 + 7^3 + 26^1 = 20 + 24 + 24 + 73 + 261 \\402 &:= 2^0 + 2^4 + 3^5 + 11^2 + 21^1 = 20 + 24 + 35 + 112 + 211 \\402 &:= 2^0 + 2^6 + 5^3 + 14^2 + 16^1 = 20 + 26 + 53 + 142 + 161 \\402 &:= 2^0 + 2^7 + 4^4 + 15^0 + 16^1 = 20 + 27 + 44 + 150 + 161 \\402 &:= 2^0 + 2^7 + 8^2 + 13^1 + 14^2 = 20 + 27 + 82 + 131 + 142 \\402 &:= 2^0 + 2^8 + 10^1 + 11^2 + 14^1 = 20 + 28 + 101 + 112 + 141 \\402 &:= 2^0 + 2^8 + 11^1 + 11^2 + 13^1 = 20 + 28 + 111 + 112 + 131 \\402 &:= 2^0 + 2^8 + 11^2 + 12^1 + 12^1 = 20 + 28 + 112 + 121 + 121 \\402 &:= 2^0 + 2^8 + 3^1 + 11^2 + 21^1 = 20 + 28 + 31 + 112 + 211 \\402 &:= 2^0 + 2^8 + 4^1 + 11^2 + 20^1 = 20 + 28 + 41 + 112 + 201 \\402 &:= 2^0 + 2^8 + 5^1 + 11^2 + 19^1 = 20 + 28 + 51 + 112 + 191 \\402 &:= 2^0 + 2^8 + 5^3 + 11^0 + 19^1 = 20 + 28 + 53 + 110 + 191 \\402 &:= 2^0 + 2^8 + 6^1 + 11^2 + 18^1 = 20 + 28 + 61 + 112 + 181 \\402 &:= 2^0 + 2^8 + 7^1 + 11^2 + 17^1 = 20 + 28 + 71 + 112 + 171\end{aligned}$$

$$\begin{aligned}402 &:= 2^0 + 2^8 + 8^1 + 11^2 + 16^1 = 20 + 28 + 81 + 112 + 161 \\402 &:= 2^0 + 2^8 + 9^1 + 11^2 + 15^1 = 20 + 28 + 91 + 112 + 151 \\402 &:= 2^2 + 2^6 + 3^2 + 14^0 + 18^2 = 22 + 26 + 32 + 140 + 182 \\402 &:= 2^2 + 2^7 + 6^0 + 13^1 + 16^2 = 22 + 27 + 60 + 131 + 162 \\402 &:= 2^3 + 2^5 + 7^3 + 10^0 + 18^1 = 23 + 25 + 73 + 100 + 181 \\402 &:= 2^3 + 2^6 + 5^1 + 12^0 + 18^2 = 23 + 26 + 51 + 120 + 182 \\402 &:= 2^3 + 3^5 + 4^0 + 5^3 + 25^1 = 23 + 35 + 40 + 53 + 251 \\402 &:= 2^4 + 2^4 + 8^0 + 12^2 + 15^2 = 24 + 24 + 80 + 122 + 152 \\402 &:= 2^4 + 4^1 + 4^4 + 5^3 + 24^0 = 24 + 41 + 44 + 53 + 240 \\402 &:= 2^4 + 4^3 + 5^3 + 14^0 + 14^2 = 24 + 43 + 53 + 140 + 142 \\402 &:= 2^5 + 3^2 + 6^3 + 12^2 + 16^0 = 25 + 32 + 63 + 122 + 160 \\402 &:= 2^5 + 4^2 + 4^3 + 12^0 + 17^2 = 25 + 42 + 43 + 120 + 172 \\402 &:= 2^5 + 4^3 + 7^2 + 10^0 + 16^2 = 25 + 43 + 72 + 100 + 162 \\402 &:= 2^5 + 4^4 + 10^0 + 10^2 + 13^1 = 25 + 44 + 100 + 102 + 131 \\402 &:= 2^5 + 5^3 + 10^0 + 10^2 + 12^2 = 25 + 53 + 100 + 102 + 122 \\402 &:= 2^6 + 2^7 + 2^7 + 9^2 + 23^0 = 26 + 27 + 27 + 92 + 230 \\402 &:= 2^6 + 6^0 + 7^2 + 12^2 + 12^2 = 26 + 60 + 72 + 122 + 122 \\402 &:= 2^7 + 2^7 + 2^7 + 15^0 + 17^1 = 27 + 27 + 27 + 150 + 171 \\402 &:= 2^7 + 3^0 + 4^4 + 14^0 + 16^1 = 27 + 30 + 44 + 140 + 161 \\402 &:= 2^7 + 3^2 + 8^1 + 10^0 + 16^2 = 27 + 32 + 81 + 100 + 162 \\402 &:= 2^7 + 4^0 + 4^4 + 13^0 + 16^1 = 27 + 40 + 44 + 130 + 161 \\402 &:= 2^7 + 4^0 + 6^2 + 12^1 + 15^2 = 27 + 40 + 62 + 121 + 152 \\402 &:= 2^7 + 4^1 + 10^0 + 10^2 + 13^2 = 27 + 41 + 100 + 102 + 132 \\402 &:= 2^7 + 4^4 + 5^0 + 12^0 + 16^1 = 27 + 44 + 50 + 120 + 161 \\402 &:= 2^7 + 4^4 + 6^0 + 11^0 + 16^1 = 27 + 44 + 60 + 110 + 161 \\402 &:= 2^7 + 4^4 + 7^0 + 10^0 + 16^1 = 27 + 44 + 70 + 100 + 161 \\402 &:= 2^7 + 4^4 + 8^0 + 9^0 + 16^1 = 27 + 44 + 80 + 90 + 161 \\402 &:= 2^7 + 6^0 + 8^1 + 11^2 + 12^2 = 27 + 60 + 81 + 112 + 122 \\402 &:= 2^8 + 3^0 + 5^3 + 10^0 + 19^1 = 28 + 30 + 53 + 100 + 191 \\402 &:= 2^8 + 4^0 + 5^3 + 9^0 + 19^1 = 28 + 40 + 53 + 90 + 191 \\402 &:= 2^8 + 5^0 + 5^3 + 8^0 + 19^1 = 28 + 50 + 53 + 80 + 191 \\402 &:= 2^8 + 5^3 + 6^0 + 7^0 + 19^1 = 28 + 53 + 60 + 70 + 191 \\402 &:= 3^3 + 3^5 + 5^3 + 6^1 + 22^0 = 33 + 35 + 53 + 61 + 220 \\402 &:= 3^4 + 3^4 + 4^0 + 6^3 + 23^1 = 34 + 34 + 40 + 63 + 231 \\402 &:= 3^4 + 3^5 + 8^2 + 12^0 + 13^1 = 34 + 35 + 82 + 120 + 131\end{aligned}$$

2.2.304 Number 403

$$\begin{aligned} 403 &:= 2^1 + 18^0 + 20^2 = 21 + 180 + 202 & 403 &:= 1^1 + 2^7 + 4^4 + 15^0 + 17^1 = 11 + 27 + 44 + 150 + 171 \\ 403 &:= 1^0 + 1^1 + 18^0 + 20^2 = 10 + 11 + 180 + 202 & 403 &:= 1^1 + 2^7 + 8^2 + 14^1 + 14^2 = 11 + 27 + 82 + 141 + 142 \\ 403 &:= 1^1 + 2^0 + 17^0 + 20^2 = 11 + 20 + 170 + 202 & 403 &:= 1^1 + 2^8 + 10^1 + 11^2 + 15^1 = 11 + 28 + 101 + 112 + 151 \\ 403 &:= 1^1 + 3^0 + 16^0 + 20^2 = 11 + 30 + 160 + 202 & 403 &:= 1^1 + 2^8 + 11^1 + 11^2 + 14^1 = 11 + 28 + 111 + 112 + 141 \\ 403 &:= 1^1 + 4^0 + 15^0 + 20^2 = 11 + 40 + 150 + 202 & 403 &:= 1^1 + 2^8 + 11^2 + 12^1 + 13^1 = 11 + 28 + 112 + 121 + 131 \\ 403 &:= 1^1 + 5^0 + 14^0 + 20^2 = 11 + 50 + 140 + 202 & 403 &:= 1^1 + 2^8 + 3^1 + 11^2 + 22^1 = 11 + 28 + 31 + 112 + 221 \\ 403 &:= 1^1 + 6^0 + 13^0 + 20^2 = 11 + 60 + 130 + 202 & 403 &:= 1^1 + 2^8 + 4^1 + 11^2 + 21^1 = 11 + 28 + 41 + 112 + 211 \\ 403 &:= 1^1 + 7^0 + 12^0 + 20^2 = 11 + 70 + 120 + 202 & 403 &:= 1^1 + 2^8 + 5^1 + 11^2 + 20^1 = 11 + 28 + 51 + 112 + 201 \\ 403 &:= 1^1 + 8^0 + 11^0 + 20^2 = 11 + 80 + 110 + 202 & 403 &:= 1^1 + 2^8 + 5^3 + 11^0 + 20^1 = 11 + 28 + 53 + 110 + 201 \\ 403 &:= 1^1 + 9^0 + 10^0 + 20^2 = 11 + 90 + 100 + 202 & 403 &:= 1^1 + 2^8 + 6^1 + 11^2 + 19^1 = 11 + 28 + 61 + 112 + 191 \\ 403 &:= 1^2 + 1^9 + 17^0 + 20^2 = 12 + 19 + 170 + 202 & 403 &:= 1^1 + 2^8 + 7^1 + 11^2 + 18^1 = 11 + 28 + 71 + 112 + 181 \\ 403 &:= 1^2 + 2^8 + 11^2 + 25^1 = 12 + 28 + 112 + 251 & 403 &:= 1^1 + 2^8 + 8^1 + 11^2 + 17^1 = 11 + 28 + 81 + 112 + 171 \\ 403 &:= 1^3 + 1^8 + 17^0 + 20^2 = 13 + 18 + 170 + 202 & 403 &:= 1^1 + 2^8 + 8^2 + 9^2 + 19^0 = 11 + 28 + 82 + 92 + 190 \\ 403 &:= 1^4 + 1^7 + 17^0 + 20^2 = 14 + 17 + 170 + 202 & 403 &:= 1^1 + 2^8 + 9^1 + 11^2 + 16^1 = 11 + 28 + 91 + 112 + 161 \\ 403 &:= 1^5 + 1^6 + 17^0 + 20^2 = 15 + 16 + 170 + 202 & 403 &:= 1^2 + 1^5 + 4^4 + 12^2 + 21^0 = 12 + 15 + 44 + 122 + 210 \\ 403 &:= 1^8 + 10^1 + 14^2 + 14^2 = 18 + 101 + 142 + 142 & 403 &:= 1^2 + 1^6 + 9^1 + 14^2 + 14^2 = 12 + 16 + 91 + 142 + 142 \\ 403 &:= 2^7 + 3^0 + 3^5 + 31^1 = 27 + 30 + 35 + 311 & 403 &:= 1^2 + 1^7 + 9^0 + 12^2 + 16^2 = 12 + 17 + 90 + 122 + 162 \\ 403 &:= 2^8 + 5^2 + 10^2 + 22^1 = 28 + 52 + 102 + 221 & 403 &:= 1^2 + 2^4 + 3^4 + 16^1 + 17^2 = 12 + 24 + 34 + 161 + 172 \\ 403 &:= 1^0 + 1^2 + 2^8 + 11^2 + 24^1 = 10 + 12 + 28 + 112 + 241 & 403 &:= 1^2 + 2^6 + 6^2 + 13^1 + 17^2 = 12 + 26 + 62 + 131 + 172 \\ 403 &:= 1^0 + 1^3 + 2^8 + 12^2 + 23^0 = 10 + 13 + 28 + 122 + 230 & 403 &:= 1^2 + 2^6 + 6^3 + 11^2 + 19^0 = 12 + 26 + 63 + 112 + 190 \\ 403 &:= 1^0 + 1^7 + 4^4 + 12^2 + 21^0 = 10 + 17 + 44 + 122 + 210 & 403 &:= 1^2 + 3^4 + 4^3 + 4^4 + 27^0 = 12 + 34 + 43 + 44 + 270 \\ 403 &:= 1^0 + 1^8 + 9^1 + 14^2 + 14^2 = 10 + 18 + 91 + 142 + 142 & 403 &:= 1^3 + 1^4 + 4^4 + 12^2 + 21^0 = 13 + 14 + 44 + 122 + 210 \\ 403 &:= 1^0 + 1^9 + 9^0 + 12^2 + 16^2 = 10 + 19 + 90 + 122 + 162 & 403 &:= 1^3 + 1^5 + 9^1 + 14^2 + 14^2 = 13 + 15 + 91 + 142 + 142 \\ 403 &:= 1^0 + 2^8 + 4^3 + 9^2 + 23^0 = 10 + 28 + 43 + 92 + 230 & 403 &:= 1^3 + 1^6 + 9^0 + 12^2 + 16^2 = 13 + 16 + 90 + 122 + 162 \\ 403 &:= 1^0 + 2^8 + 5^2 + 10^2 + 21^1 = 10 + 28 + 52 + 102 + 211 & 403 &:= 1^3 + 2^0 + 2^8 + 12^2 + 22^0 = 13 + 20 + 28 + 122 + 220 \\ 403 &:= 1^1 + 1^1 + 2^8 + 11^2 + 24^1 = 11 + 11 + 28 + 112 + 241 & 403 &:= 1^3 + 2^3 + 2^5 + 15^0 + 19^2 = 13 + 23 + 25 + 150 + 192 \\ 403 &:= 1^1 + 1^2 + 2^8 + 12^2 + 23^0 = 11 + 12 + 28 + 122 + 230 & 403 &:= 1^3 + 2^6 + 9^2 + 11^0 + 16^2 = 13 + 26 + 92 + 110 + 162 \\ 403 &:= 1^1 + 1^6 + 4^4 + 12^2 + 21^0 = 11 + 16 + 44 + 122 + 210 & 403 &:= 1^3 + 2^7 + 3^0 + 16^2 + 17^1 = 13 + 27 + 30 + 162 + 171 \\ 403 &:= 1^1 + 1^7 + 9^1 + 14^2 + 14^2 = 11 + 17 + 91 + 142 + 142 & 403 &:= 1^3 + 2^8 + 10^0 + 12^2 + 14^0 = 13 + 28 + 100 + 122 + 140 \\ 403 &:= 1^1 + 1^8 + 9^0 + 12^2 + 16^2 = 11 + 18 + 90 + 122 + 162 & 403 &:= 1^3 + 2^8 + 11^0 + 12^2 + 13^0 = 13 + 28 + 110 + 122 + 130 \\ 403 &:= 1^1 + 2^1 + 2^8 + 11^2 + 23^1 = 11 + 21 + 28 + 112 + 231 & 403 &:= 1^3 + 2^8 + 12^0 + 12^0 + 12^2 = 13 + 28 + 120 + 120 + 122 \\ 403 &:= 1^1 + 2^4 + 2^4 + 7^3 + 27^1 = 11 + 24 + 24 + 73 + 271 & 403 &:= 1^3 + 2^8 + 3^0 + 12^2 + 21^0 = 13 + 28 + 30 + 122 + 210 \\ 403 &:= 1^1 + 2^4 + 3^5 + 11^2 + 22^1 = 11 + 24 + 35 + 112 + 221 & 403 &:= 1^3 + 2^8 + 4^0 + 12^2 + 20^0 = 13 + 28 + 40 + 122 + 200 \\ 403 &:= 1^1 + 2^6 + 3^4 + 16^2 + 17^0 = 11 + 26 + 34 + 162 + 170 & 403 &:= 1^3 + 2^8 + 5^0 + 12^2 + 19^0 = 13 + 28 + 50 + 122 + 190 \\ 403 &:= 1^1 + 2^6 + 4^4 + 9^2 + 23^0 = 11 + 26 + 44 + 92 + 230 & 403 &:= 1^3 + 2^8 + 6^0 + 12^2 + 18^0 = 13 + 28 + 60 + 122 + 180 \\ 403 &:= 1^1 + 2^6 + 5^3 + 14^2 + 17^1 = 11 + 26 + 53 + 142 + 171 & 403 &:= 1^3 + 2^8 + 7^0 + 12^2 + 17^0 = 13 + 28 + 70 + 122 + 170 \end{aligned}$$

$$\begin{aligned}403 &:= 1^3 + 2^8 + 8^0 + 12^2 + 16^0 = 13 + 28 + 80 + 122 + 160 \\403 &:= 1^3 + 2^8 + 9^0 + 12^2 + 15^0 = 13 + 28 + 90 + 122 + 150 \\403 &:= 1^3 + 3^4 + 4^4 + 8^2 + 23^0 = 13 + 34 + 44 + 82 + 230 \\403 &:= 1^4 + 1^4 + 9^1 + 14^2 + 14^2 = 14 + 14 + 91 + 142 + 142 \\403 &:= 1^4 + 1^5 + 9^0 + 12^2 + 16^2 = 14 + 15 + 90 + 122 + 162 \\403 &:= 1^4 + 1^9 + 2^8 + 12^2 + 22^0 = 14 + 19 + 28 + 122 + 220 \\403 &:= 1^4 + 2^2 + 4^4 + 11^2 + 21^1 = 14 + 22 + 44 + 112 + 211 \\403 &:= 1^4 + 2^4 + 6^3 + 13^2 + 17^0 = 14 + 24 + 63 + 132 + 170 \\403 &:= 1^4 + 2^4 + 9^1 + 11^2 + 16^2 = 14 + 24 + 91 + 112 + 162 \\403 &:= 1^4 + 2^5 + 3^0 + 7^3 + 26^1 = 14 + 25 + 30 + 73 + 261 \\403 &:= 1^4 + 2^5 + 9^0 + 12^2 + 15^2 = 14 + 25 + 90 + 122 + 152 \\403 &:= 1^4 + 2^6 + 5^0 + 13^1 + 18^2 = 14 + 26 + 50 + 131 + 182 \\403 &:= 1^4 + 3^4 + 4^3 + 15^0 + 16^2 = 14 + 34 + 43 + 150 + 162 \\403 &:= 1^4 + 4^3 + 4^4 + 9^2 + 21^0 = 14 + 43 + 44 + 92 + 210 \\403 &:= 1^4 + 4^4 + 8^2 + 8^2 + 18^1 = 14 + 44 + 82 + 82 + 181 \\403 &:= 1^5 + 1^8 + 2^8 + 12^2 + 22^0 = 15 + 18 + 28 + 122 + 220 \\403 &:= 1^5 + 2^5 + 8^1 + 9^0 + 19^2 = 15 + 25 + 81 + 90 + 192 \\403 &:= 1^5 + 3^4 + 8^2 + 11^0 + 16^2 = 15 + 34 + 82 + 110 + 162 \\403 &:= 1^5 + 3^5 + 9^0 + 12^2 + 14^1 = 15 + 35 + 90 + 122 + 141 \\403 &:= 1^5 + 4^2 + 11^2 + 11^2 + 12^2 = 15 + 42 + 112 + 112 + 122 \\403 &:= 1^5 + 4^3 + 6^3 + 11^2 + 17^0 = 15 + 43 + 63 + 112 + 170 \\403 &:= 1^5 + 4^4 + 5^3 + 9^0 + 20^1 = 15 + 44 + 53 + 90 + 201 \\403 &:= 1^5 + 4^4 + 8^2 + 9^2 + 17^0 = 15 + 44 + 82 + 92 + 170 \\403 &:= 1^5 + 5^2 + 8^2 + 12^2 + 13^2 = 15 + 52 + 82 + 122 + 132 \\403 &:= 1^5 + 5^2 + 9^2 + 10^2 + 14^2 = 15 + 52 + 92 + 102 + 142 \\403 &:= 1^5 + 6^2 + 7^2 + 11^2 + 14^2 = 15 + 62 + 72 + 112 + 142 \\403 &:= 1^5 + 7^2 + 8^2 + 8^2 + 15^2 = 15 + 72 + 82 + 82 + 152 \\403 &:= 1^6 + 1^7 + 2^8 + 12^2 + 22^0 = 16 + 17 + 28 + 122 + 220 \\403 &:= 1^6 + 2^2 + 5^2 + 12^1 + 19^2 = 16 + 22 + 52 + 121 + 192 \\403 &:= 1^6 + 2^2 + 8^2 + 10^1 + 18^2 = 16 + 22 + 82 + 101 + 182 \\403 &:= 1^6 + 2^2 + 9^1 + 10^2 + 17^2 = 16 + 22 + 91 + 102 + 172 \\403 &:= 1^6 + 3^2 + 7^2 + 7^3 + 21^0 = 16 + 32 + 72 + 73 + 210 \\403 &:= 1^6 + 4^1 + 9^2 + 11^2 + 14^2 = 16 + 41 + 92 + 112 + 142 \\403 &:= 1^6 + 4^2 + 6^3 + 13^2 + 15^0 = 16 + 42 + 63 + 132 + 150 \\403 &:= 1^6 + 4^3 + 9^0 + 9^2 + 16^2 = 16 + 43 + 90 + 92 + 162 \\403 &:= 1^6 + 5^2 + 7^1 + 9^2 + 17^2 = 16 + 52 + 71 + 92 + 172 \\403 &:= 1^6 + 6^3 + 8^2 + 11^2 + 13^0 = 16 + 63 + 82 + 112 + 130 \\403 &:= 1^7 + 2^0 + 4^4 + 12^2 + 20^0 = 17 + 20 + 44 + 122 + 200\end{aligned}$$

$$\begin{aligned}403 &:= 1^7 + 2^1 + 8^1 + 14^2 + 14^2 = 17 + 21 + 81 + 142 + 142 \\403 &:= 1^7 + 2^2 + 6^2 + 11^0 + 19^2 = 17 + 22 + 62 + 110 + 192 \\403 &:= 1^7 + 2^6 + 2^8 + 9^2 + 24^0 = 17 + 26 + 28 + 92 + 240 \\403 &:= 1^7 + 2^7 + 2^8 + 16^0 + 17^1 = 17 + 27 + 28 + 160 + 171 \\403 &:= 1^7 + 3^0 + 3^3 + 13^1 + 19^2 = 17 + 30 + 33 + 131 + 192 \\403 &:= 1^7 + 3^0 + 4^3 + 13^1 + 18^2 = 17 + 30 + 43 + 131 + 182 \\403 &:= 1^7 + 3^0 + 4^4 + 12^2 + 19^0 = 17 + 30 + 44 + 122 + 190 \\403 &:= 1^7 + 3^0 + 6^2 + 7^3 + 22^1 = 17 + 30 + 62 + 73 + 221 \\403 &:= 1^7 + 3^0 + 6^3 + 13^2 + 16^1 = 17 + 30 + 63 + 132 + 161 \\403 &:= 1^7 + 3^1 + 7^1 + 14^2 + 14^2 = 17 + 31 + 71 + 142 + 142 \\403 &:= 1^7 + 3^2 + 7^0 + 14^2 + 14^2 = 17 + 32 + 70 + 142 + 142 \\403 &:= 1^7 + 4^0 + 4^4 + 12^2 + 18^0 = 17 + 40 + 44 + 122 + 180 \\403 &:= 1^7 + 4^1 + 6^1 + 14^2 + 14^2 = 17 + 41 + 61 + 142 + 142 \\403 &:= 1^7 + 4^4 + 10^0 + 12^0 + 12^2 = 17 + 44 + 100 + 120 + 122 \\403 &:= 1^7 + 4^4 + 11^0 + 11^0 + 12^2 = 17 + 44 + 110 + 110 + 122 \\403 &:= 1^7 + 4^4 + 5^0 + 12^2 + 17^0 = 17 + 44 + 50 + 122 + 170 \\403 &:= 1^7 + 4^4 + 6^0 + 12^2 + 16^0 = 17 + 44 + 60 + 122 + 160 \\403 &:= 1^7 + 4^4 + 7^0 + 12^2 + 15^0 = 17 + 44 + 70 + 122 + 150 \\403 &:= 1^7 + 4^4 + 8^0 + 12^2 + 14^0 = 17 + 44 + 80 + 122 + 140 \\403 &:= 1^7 + 4^4 + 9^0 + 12^2 + 13^0 = 17 + 44 + 90 + 122 + 130 \\403 &:= 1^7 + 5^0 + 6^2 + 13^2 + 14^2 = 17 + 50 + 62 + 132 + 142 \\403 &:= 1^7 + 5^0 + 8^2 + 9^2 + 16^2 = 17 + 50 + 82 + 92 + 162 \\403 &:= 1^7 + 5^1 + 5^1 + 14^2 + 14^2 = 17 + 51 + 51 + 142 + 142 \\403 &:= 1^7 + 7^2 + 7^3 + 9^1 + 15^0 = 17 + 72 + 73 + 91 + 150 \\403 &:= 1^8 + 1^9 + 4^4 + 12^2 + 20^0 = 18 + 19 + 44 + 122 + 200 \\403 &:= 1^8 + 3^0 + 7^1 + 13^2 + 15^2 = 18 + 30 + 71 + 132 + 152 \\403 &:= 1^8 + 4^1 + 6^2 + 9^0 + 19^2 = 18 + 41 + 62 + 90 + 192 \\403 &:= 1^9 + 2^0 + 8^0 + 12^2 + 16^2 = 19 + 20 + 80 + 122 + 162 \\403 &:= 1^9 + 2^8 + 3^4 + 8^2 + 24^0 = 19 + 28 + 34 + 82 + 240 \\403 &:= 1^9 + 3^0 + 7^0 + 12^2 + 16^2 = 19 + 30 + 70 + 122 + 162 \\403 &:= 1^9 + 4^0 + 6^0 + 12^2 + 16^2 = 19 + 40 + 60 + 122 + 162 \\403 &:= 1^9 + 5^0 + 5^0 + 12^2 + 16^2 = 19 + 50 + 50 + 122 + 162 \\403 &:= 2^0 + 2^8 + 4^3 + 9^2 + 22^0 = 20 + 28 + 43 + 92 + 220 \\403 &:= 2^1 + 2^1 + 2^8 + 11^2 + 22^1 = 21 + 21 + 28 + 112 + 221 \\403 &:= 2^1 + 2^4 + 2^4 + 7^3 + 26^1 = 21 + 24 + 24 + 73 + 261 \\403 &:= 2^1 + 2^4 + 3^5 + 11^2 + 21^1 = 21 + 24 + 35 + 112 + 211 \\403 &:= 2^1 + 2^6 + 5^3 + 14^2 + 16^1 = 21 + 26 + 53 + 142 + 161 \\403 &:= 2^1 + 2^7 + 4^4 + 15^0 + 16^1 = 21 + 27 + 44 + 150 + 161\end{aligned}$$

$$\begin{aligned} 403 &:= 2^1 + 2^7 + 8^2 + 13^1 + 14^2 = 21 + 27 + 82 + 131 + 142 \\ 403 &:= 2^1 + 2^8 + 10^1 + 11^2 + 14^1 = 21 + 28 + 101 + 112 + 141 \\ 403 &:= 2^1 + 2^8 + 11^1 + 11^2 + 13^1 = 21 + 28 + 111 + 112 + 131 \\ 403 &:= 2^1 + 2^8 + 11^2 + 12^1 + 12^1 = 21 + 28 + 112 + 121 + 121 \\ 403 &:= 2^1 + 2^8 + 3^1 + 11^2 + 21^1 = 21 + 28 + 31 + 112 + 211 \\ 403 &:= 2^1 + 2^8 + 4^1 + 11^2 + 20^1 = 21 + 28 + 41 + 112 + 201 \\ 403 &:= 2^1 + 2^8 + 5^1 + 11^2 + 19^1 = 21 + 28 + 51 + 112 + 191 \\ 403 &:= 2^1 + 2^8 + 5^3 + 11^0 + 19^1 = 21 + 28 + 53 + 110 + 191 \\ 403 &:= 2^1 + 2^8 + 6^1 + 11^2 + 18^1 = 21 + 28 + 61 + 112 + 181 \\ 403 &:= 2^1 + 2^8 + 7^1 + 11^2 + 17^1 = 21 + 28 + 71 + 112 + 171 \\ 403 &:= 2^1 + 2^8 + 8^1 + 11^2 + 16^1 = 21 + 28 + 81 + 112 + 161 \\ 403 &:= 2^1 + 2^8 + 9^1 + 11^2 + 15^1 = 21 + 28 + 91 + 112 + 151 \\ 403 &:= 2^2 + 2^2 + 3^5 + 5^3 + 27^1 = 22 + 22 + 35 + 53 + 271 \\ 403 &:= 2^2 + 2^5 + 4^3 + 14^1 + 17^2 = 22 + 25 + 43 + 141 + 172 \\ 403 &:= 2^2 + 2^6 + 10^1 + 10^2 + 15^2 = 22 + 26 + 101 + 102 + 152 \\ 403 &:= 2^2 + 2^8 + 3^0 + 11^2 + 21^1 = 22 + 28 + 30 + 112 + 211 \\ 403 &:= 2^3 + 2^5 + 8^2 + 10^1 + 17^2 = 23 + 25 + 82 + 101 + 172 \\ 403 &:= 2^3 + 2^7 + 9^0 + 10^1 + 16^2 = 23 + 27 + 90 + 101 + 162 \\ 403 &:= 2^4 + 2^4 + 3^1 + 7^3 + 25^1 = 24 + 24 + 31 + 73 + 251 \\ 403 &:= 2^4 + 2^4 + 4^1 + 7^3 + 24^1 = 24 + 24 + 41 + 73 + 241 \\ 403 &:= 2^4 + 2^4 + 5^1 + 7^3 + 23^1 = 24 + 24 + 51 + 73 + 231 \\ 403 &:= 2^4 + 2^4 + 6^1 + 7^3 + 22^1 = 24 + 24 + 61 + 73 + 221 \\ 403 &:= 2^4 + 2^4 + 6^2 + 11^1 + 18^2 = 24 + 24 + 62 + 111 + 182 \\ 403 &:= 2^4 + 2^4 + 7^1 + 7^3 + 21^1 = 24 + 24 + 71 + 73 + 211 \\ 403 &:= 2^4 + 2^4 + 7^3 + 10^1 + 18^1 = 24 + 24 + 73 + 101 + 181 \\ 403 &:= 2^4 + 2^4 + 7^3 + 11^1 + 17^1 = 24 + 24 + 73 + 111 + 171 \\ 403 &:= 2^4 + 2^4 + 7^3 + 12^1 + 16^1 = 24 + 24 + 73 + 121 + 161 \\ 403 &:= 2^4 + 2^4 + 7^3 + 13^1 + 15^1 = 24 + 24 + 73 + 131 + 151 \\ 403 &:= 2^4 + 2^4 + 7^3 + 14^1 + 14^1 = 24 + 24 + 73 + 141 + 141 \\ 403 &:= 2^4 + 2^4 + 7^3 + 8^1 + 20^1 = 24 + 24 + 73 + 81 + 201 \\ 403 &:= 2^4 + 2^4 + 7^3 + 9^1 + 19^1 = 24 + 24 + 73 + 91 + 191 \\ 403 &:= 2^4 + 2^5 + 7^3 + 11^1 + 17^0 = 24 + 25 + 73 + 111 + 170 \\ 403 &:= 2^4 + 3^1 + 3^5 + 11^2 + 20^1 = 24 + 31 + 35 + 112 + 201 \\ 403 &:= 2^4 + 3^4 + 10^1 + 10^2 + 14^2 = 24 + 34 + 101 + 102 + 142 \\ 403 &:= 2^4 + 3^5 + 10^1 + 11^2 + 13^1 = 24 + 35 + 101 + 112 + 131 \\ 403 &:= 2^4 + 3^5 + 11^1 + 11^2 + 12^1 = 24 + 35 + 111 + 112 + 121 \\ 403 &:= 2^4 + 3^5 + 4^1 + 11^2 + 19^1 = 24 + 35 + 41 + 112 + 191 \\ 403 &:= 2^4 + 3^5 + 5^1 + 11^2 + 18^1 = 24 + 35 + 51 + 112 + 181 \end{aligned}$$

$$\begin{aligned} 403 &:= 2^4 + 3^5 + 5^3 + 11^0 + 18^1 = 24 + 35 + 53 + 110 + 181 \\ 403 &:= 2^4 + 3^5 + 6^1 + 11^2 + 17^1 = 24 + 35 + 61 + 112 + 171 \\ 403 &:= 2^4 + 3^5 + 7^1 + 11^2 + 16^1 = 24 + 35 + 71 + 112 + 161 \\ 403 &:= 2^4 + 3^5 + 8^1 + 11^2 + 15^1 = 24 + 35 + 81 + 112 + 151 \\ 403 &:= 2^4 + 3^5 + 9^1 + 11^2 + 14^1 = 24 + 35 + 91 + 112 + 141 \\ 403 &:= 2^4 + 4^4 + 7^2 + 8^2 + 18^1 = 24 + 44 + 72 + 82 + 181 \\ 403 &:= 2^4 + 5^2 + 5^3 + 6^3 + 21^1 = 24 + 52 + 53 + 63 + 211 \\ 403 &:= 2^4 + 5^3 + 5^3 + 11^2 + 16^1 = 24 + 53 + 53 + 112 + 161 \\ 403 &:= 2^5 + 2^5 + 3^0 + 14^1 + 18^2 = 25 + 25 + 30 + 141 + 182 \\ 403 &:= 2^5 + 3^4 + 8^2 + 11^0 + 15^2 = 25 + 34 + 82 + 110 + 152 \\ 403 &:= 2^5 + 3^5 + 6^1 + 11^2 + 17^0 = 25 + 35 + 61 + 112 + 170 \\ 403 &:= 2^5 + 5^2 + 9^2 + 11^2 + 12^2 = 25 + 52 + 92 + 112 + 122 \\ 403 &:= 2^6 + 3^1 + 5^3 + 14^2 + 15^1 = 26 + 31 + 53 + 142 + 151 \\ 403 &:= 2^6 + 3^2 + 8^2 + 10^1 + 16^2 = 26 + 32 + 82 + 101 + 162 \\ 403 &:= 2^6 + 4^1 + 5^3 + 14^1 + 14^2 = 26 + 41 + 53 + 141 + 142 \\ 403 &:= 2^6 + 4^3 + 7^2 + 11^0 + 15^2 = 26 + 43 + 72 + 110 + 152 \\ 403 &:= 2^6 + 4^4 + 7^0 + 8^2 + 18^1 = 26 + 44 + 70 + 82 + 181 \\ 403 &:= 2^6 + 5^1 + 5^3 + 13^1 + 14^2 = 26 + 51 + 53 + 131 + 142 \\ 403 &:= 2^6 + 5^2 + 7^2 + 9^1 + 16^2 = 26 + 52 + 72 + 91 + 162 \\ 403 &:= 2^6 + 5^2 + 8^1 + 9^2 + 15^2 = 26 + 52 + 81 + 92 + 152 \\ 403 &:= 2^6 + 5^3 + 6^1 + 12^1 + 14^2 = 26 + 53 + 61 + 121 + 142 \\ 403 &:= 2^6 + 5^3 + 7^1 + 11^1 + 14^2 = 26 + 53 + 71 + 111 + 142 \\ 403 &:= 2^6 + 5^3 + 8^1 + 10^1 + 14^2 = 26 + 53 + 81 + 101 + 142 \\ 403 &:= 2^6 + 5^3 + 9^1 + 9^1 + 14^2 = 26 + 53 + 91 + 91 + 142 \\ 403 &:= 2^6 + 6^1 + 8^2 + 10^2 + 13^2 = 26 + 61 + 82 + 102 + 132 \\ 403 &:= 2^6 + 6^2 + 7^1 + 10^2 + 14^2 = 26 + 62 + 71 + 102 + 142 \\ 403 &:= 2^7 + 3^0 + 6^2 + 6^3 + 22^1 = 27 + 30 + 62 + 63 + 221 \\ 403 &:= 2^7 + 3^1 + 4^4 + 15^0 + 15^1 = 27 + 31 + 44 + 150 + 151 \\ 403 &:= 2^7 + 3^1 + 8^2 + 12^1 + 14^2 = 27 + 31 + 82 + 121 + 142 \\ 403 &:= 2^7 + 3^2 + 11^0 + 11^2 + 12^2 = 27 + 32 + 110 + 112 + 122 \\ 403 &:= 2^7 + 3^2 + 3^2 + 15^0 + 16^2 = 27 + 32 + 32 + 150 + 162 \\ 403 &:= 2^7 + 4^1 + 4^4 + 14^1 + 15^0 = 27 + 41 + 44 + 141 + 150 \\ 403 &:= 2^7 + 4^1 + 8^2 + 11^1 + 14^2 = 27 + 41 + 82 + 111 + 142 \\ 403 &:= 2^7 + 4^3 + 5^0 + 14^1 + 14^2 = 27 + 43 + 50 + 141 + 142 \\ 403 &:= 2^7 + 4^4 + 5^1 + 13^1 + 15^0 = 27 + 44 + 51 + 131 + 150 \\ 403 &:= 2^7 + 4^4 + 6^1 + 12^1 + 15^0 = 27 + 44 + 61 + 121 + 150 \\ 403 &:= 2^7 + 4^4 + 7^1 + 11^1 + 15^0 = 27 + 44 + 71 + 111 + 150 \\ 403 &:= 2^7 + 4^4 + 8^1 + 10^1 + 15^0 = 27 + 44 + 81 + 101 + 150 \end{aligned}$$

$$\begin{aligned}
 403 &:= 2^7 + 4^4 + 9^1 + 9^1 + 15^0 = 27 + 44 + 91 + 91 + 150 \\
 403 &:= 2^7 + 5^1 + 5^3 + 12^2 + 15^0 = 27 + 51 + 53 + 122 + 150 \\
 403 &:= 2^7 + 5^1 + 8^2 + 10^1 + 14^2 = 27 + 51 + 82 + 101 + 142 \\
 403 &:= 2^7 + 6^1 + 8^2 + 9^1 + 14^2 = 27 + 61 + 82 + 91 + 142 \\
 403 &:= 2^7 + 6^3 + 7^2 + 9^1 + 15^0 = 27 + 63 + 72 + 91 + 150 \\
 403 &:= 2^7 + 7^1 + 8^1 + 8^2 + 14^2 = 27 + 71 + 81 + 82 + 142 \\
 403 &:= 2^7 + 7^2 + 9^0 + 9^2 + 12^2 = 27 + 72 + 90 + 92 + 122 \\
 403 &:= 2^8 + 3^0 + 4^3 + 9^2 + 21^0 = 28 + 30 + 43 + 92 + 210 \\
 403 &:= 2^8 + 3^0 + 8^2 + 8^2 + 18^1 = 28 + 30 + 82 + 82 + 181 \\
 403 &:= 2^8 + 3^1 + 10^1 + 11^2 + 13^1 = 28 + 31 + 101 + 112 + 131 \\
 403 &:= 2^8 + 3^1 + 11^1 + 11^2 + 12^1 = 28 + 31 + 111 + 112 + 121 \\
 403 &:= 2^8 + 3^1 + 3^1 + 11^2 + 20^1 = 28 + 31 + 31 + 112 + 201 \\
 403 &:= 2^8 + 3^1 + 4^1 + 11^2 + 19^1 = 28 + 31 + 41 + 112 + 191 \\
 403 &:= 2^8 + 3^1 + 5^1 + 11^2 + 18^1 = 28 + 31 + 51 + 112 + 181 \\
 403 &:= 2^8 + 3^1 + 5^3 + 11^0 + 18^1 = 28 + 31 + 53 + 110 + 181 \\
 403 &:= 2^8 + 3^1 + 6^1 + 11^2 + 17^1 = 28 + 31 + 61 + 112 + 171 \\
 403 &:= 2^8 + 3^1 + 7^1 + 11^2 + 16^1 = 28 + 31 + 71 + 112 + 161 \\
 403 &:= 2^8 + 3^1 + 8^1 + 11^2 + 15^1 = 28 + 31 + 81 + 112 + 151 \\
 403 &:= 2^8 + 3^1 + 9^1 + 11^2 + 14^1 = 28 + 31 + 91 + 112 + 141 \\
 403 &:= 2^8 + 3^2 + 7^0 + 11^2 + 16^1 = 28 + 32 + 70 + 112 + 161 \\
 403 &:= 2^8 + 4^0 + 4^3 + 9^2 + 20^0 = 28 + 40 + 43 + 92 + 200 \\
 403 &:= 2^8 + 4^1 + 10^1 + 11^2 + 12^1 = 28 + 41 + 101 + 112 + 121 \\
 403 &:= 2^8 + 4^1 + 11^1 + 11^1 + 11^2 = 28 + 41 + 111 + 111 + 112 \\
 403 &:= 2^8 + 4^1 + 4^1 + 11^2 + 18^1 = 28 + 41 + 41 + 112 + 181 \\
 403 &:= 2^8 + 4^1 + 5^1 + 11^2 + 17^1 = 28 + 41 + 51 + 112 + 171 \\
 403 &:= 2^8 + 4^1 + 5^3 + 11^0 + 17^1 = 28 + 41 + 53 + 110 + 171 \\
 403 &:= 2^8 + 4^1 + 6^1 + 11^2 + 16^1 = 28 + 41 + 61 + 112 + 161 \\
 403 &:= 2^8 + 4^1 + 7^1 + 11^2 + 15^1 = 28 + 41 + 71 + 112 + 151 \\
 403 &:= 2^8 + 4^1 + 8^1 + 11^2 + 14^1 = 28 + 41 + 81 + 112 + 141 \\
 403 &:= 2^8 + 4^1 + 9^1 + 11^2 + 13^1 = 28 + 41 + 91 + 112 + 131 \\
 403 &:= 2^8 + 4^2 + 9^1 + 11^2 + 13^0 = 28 + 42 + 91 + 112 + 130 \\
 403 &:= 2^8 + 4^3 + 5^0 + 9^2 + 19^0 = 28 + 43 + 50 + 92 + 190 \\
 403 &:= 2^8 + 4^3 + 6^0 + 9^2 + 18^0 = 28 + 43 + 60 + 92 + 180 \\
 403 &:= 2^8 + 4^3 + 7^0 + 9^2 + 17^0 = 28 + 43 + 70 + 92 + 170 \\
 403 &:= 2^8 + 4^3 + 8^0 + 9^2 + 16^0 = 28 + 43 + 80 + 92 + 160 \\
 403 &:= 2^8 + 4^3 + 9^0 + 9^2 + 15^0 = 28 + 43 + 90 + 92 + 150 \\
 403 &:= 2^8 + 4^3 + 9^2 + 10^0 + 14^0 = 28 + 43 + 92 + 100 + 140 \\
 403 &:= 2^8 + 4^3 + 9^2 + 11^0 + 13^0 = 28 + 43 + 92 + 110 + 130 \\
 403 &:= 2^8 + 4^3 + 9^2 + 12^0 + 12^0 = 28 + 43 + 92 + 120 + 120 \\
 403 &:= 2^8 + 5^0 + 7^2 + 9^2 + 16^1 = 28 + 50 + 72 + 92 + 161 \\
 403 &:= 2^8 + 5^1 + 10^1 + 11^1 + 11^2 = 28 + 51 + 101 + 111 + 112 \\
 403 &:= 2^8 + 5^1 + 5^1 + 11^2 + 16^1 = 28 + 51 + 51 + 112 + 161 \\
 403 &:= 2^8 + 5^1 + 5^3 + 11^0 + 16^1 = 28 + 51 + 53 + 110 + 161 \\
 403 &:= 2^8 + 5^1 + 6^1 + 11^2 + 15^1 = 28 + 51 + 61 + 112 + 151 \\
 403 &:= 2^8 + 5^1 + 7^1 + 11^2 + 14^1 = 28 + 51 + 71 + 112 + 141 \\
 403 &:= 2^8 + 5^1 + 8^1 + 11^2 + 13^1 = 28 + 51 + 81 + 112 + 131 \\
 403 &:= 2^8 + 5^1 + 9^1 + 11^2 + 12^1 = 28 + 51 + 91 + 112 + 121 \\
 403 &:= 2^8 + 5^3 + 10^1 + 11^0 + 11^1 = 28 + 53 + 101 + 110 + 111 \\
 403 &:= 2^8 + 5^3 + 6^1 + 11^0 + 15^1 = 28 + 53 + 61 + 110 + 151 \\
 403 &:= 2^8 + 5^3 + 7^1 + 11^0 + 14^1 = 28 + 53 + 71 + 110 + 141 \\
 403 &:= 2^8 + 5^3 + 8^1 + 11^0 + 13^1 = 28 + 53 + 81 + 110 + 131 \\
 403 &:= 2^8 + 5^3 + 9^1 + 11^0 + 12^1 = 28 + 53 + 91 + 110 + 121 \\
 403 &:= 2^8 + 6^1 + 10^1 + 10^1 + 11^2 = 28 + 61 + 101 + 101 + 112 \\
 403 &:= 2^8 + 6^1 + 6^1 + 11^2 + 14^1 = 28 + 61 + 61 + 112 + 141 \\
 403 &:= 2^8 + 6^1 + 7^1 + 11^2 + 13^1 = 28 + 61 + 71 + 112 + 131 \\
 403 &:= 2^8 + 6^1 + 8^1 + 11^2 + 12^1 = 28 + 61 + 81 + 112 + 121 \\
 403 &:= 2^8 + 6^1 + 9^1 + 11^1 + 11^2 = 28 + 61 + 91 + 111 + 112 \\
 403 &:= 2^8 + 6^2 + 10^1 + 10^2 + 11^0 = 28 + 62 + 101 + 102 + 110 \\
 403 &:= 2^8 + 7^1 + 7^1 + 11^2 + 12^1 = 28 + 71 + 71 + 112 + 121 \\
 403 &:= 2^8 + 7^1 + 8^1 + 11^1 + 11^2 = 28 + 71 + 81 + 111 + 112 \\
 403 &:= 2^8 + 7^1 + 9^1 + 10^1 + 11^2 = 28 + 71 + 91 + 101 + 112 \\
 403 &:= 2^8 + 8^1 + 8^1 + 10^1 + 11^2 = 28 + 81 + 81 + 101 + 112 \\
 403 &:= 2^8 + 8^1 + 9^1 + 9^1 + 11^2 = 28 + 81 + 91 + 91 + 112 \\
 403 &:= 3^4 + 3^5 + 4^3 + 14^1 + 15^0 = 34 + 35 + 43 + 141 + 150
 \end{aligned}$$

2.2.305 Number 404

$$\begin{aligned}
 404 &:= 1^1 + 2^1 + 17^0 + 20^2 = 11 + 21 + 170 + 202 \\
 404 &:= 1^0 + 1^0 + 1^2 + 17^0 + 20^2 = 10 + 10 + 12 + 170 + 202 \\
 404 &:= 1^0 + 1^1 + 1^1 + 17^0 + 20^2 = 10 + 11 + 11 + 170 + 202 \\
 404 &:= 1^0 + 1^2 + 2^0 + 16^0 + 20^2 = 10 + 12 + 20 + 160 + 202 \\
 404 &:= 1^0 + 1^2 + 3^0 + 15^0 + 20^2 = 10 + 12 + 30 + 150 + 202 \\
 404 &:= 1^0 + 1^2 + 4^0 + 14^0 + 20^2 = 10 + 12 + 40 + 140 + 202
 \end{aligned}$$

$$\begin{aligned}404 &:= 1^0 + 1^2 + 5^0 + 13^0 + 20^2 = 10 + 12 + 50 + 130 + 202 \\404 &:= 1^0 + 1^2 + 6^0 + 12^0 + 20^2 = 10 + 12 + 60 + 120 + 202 \\404 &:= 1^0 + 1^2 + 7^0 + 11^0 + 20^2 = 10 + 12 + 70 + 110 + 202 \\404 &:= 1^0 + 1^2 + 8^0 + 10^0 + 20^2 = 10 + 12 + 80 + 100 + 202 \\404 &:= 1^0 + 1^2 + 9^0 + 9^0 + 20^2 = 10 + 12 + 90 + 90 + 202 \\404 &:= 1^0 + 1^3 + 1^9 + 16^0 + 20^2 = 10 + 13 + 19 + 160 + 202 \\404 &:= 1^0 + 1^4 + 1^8 + 16^0 + 20^2 = 10 + 14 + 18 + 160 + 202 \\404 &:= 1^0 + 1^5 + 1^7 + 16^0 + 20^2 = 10 + 15 + 17 + 160 + 202 \\404 &:= 1^0 + 1^6 + 1^6 + 16^0 + 20^2 = 10 + 16 + 16 + 160 + 202 \\404 &:= 1^1 + 1^1 + 2^0 + 16^0 + 20^2 = 11 + 11 + 20 + 160 + 202 \\404 &:= 1^1 + 1^1 + 3^0 + 15^0 + 20^2 = 11 + 11 + 30 + 150 + 202 \\404 &:= 1^1 + 1^1 + 4^0 + 14^0 + 20^2 = 11 + 11 + 40 + 140 + 202 \\404 &:= 1^1 + 1^1 + 5^0 + 13^0 + 20^2 = 11 + 11 + 50 + 130 + 202 \\404 &:= 1^1 + 1^1 + 6^0 + 12^0 + 20^2 = 11 + 11 + 60 + 120 + 202 \\404 &:= 1^1 + 1^1 + 7^0 + 11^0 + 20^2 = 11 + 11 + 70 + 110 + 202 \\404 &:= 1^1 + 1^1 + 8^0 + 10^0 + 20^2 = 11 + 11 + 80 + 100 + 202 \\404 &:= 1^1 + 1^1 + 9^0 + 9^0 + 20^2 = 11 + 11 + 90 + 90 + 202 \\404 &:= 1^1 + 1^2 + 1^9 + 16^0 + 20^2 = 11 + 12 + 19 + 160 + 202 \\404 &:= 1^1 + 1^3 + 1^8 + 16^0 + 20^2 = 11 + 13 + 18 + 160 + 202 \\404 &:= 1^1 + 1^4 + 1^7 + 16^0 + 20^2 = 11 + 14 + 17 + 160 + 202 \\404 &:= 1^1 + 1^5 + 1^6 + 16^0 + 20^2 = 11 + 15 + 16 + 160 + 202 \\404 &:= 1^2 + 1^2 + 1^8 + 16^0 + 20^2 = 12 + 12 + 18 + 160 + 202 \\404 &:= 1^2 + 1^3 + 1^7 + 16^0 + 20^2 = 12 + 13 + 17 + 160 + 202 \\404 &:= 1^2 + 1^4 + 1^6 + 16^0 + 20^2 = 12 + 14 + 16 + 160 + 202 \\404 &:= 1^2 + 1^5 + 1^5 + 16^0 + 20^2 = 12 + 15 + 15 + 160 + 202 \\404 &:= 1^2 + 2^0 + 2^0 + 15^0 + 20^2 = 12 + 20 + 20 + 150 + 202 \\404 &:= 1^2 + 2^0 + 3^0 + 14^0 + 20^2 = 12 + 20 + 30 + 140 + 202 \\404 &:= 1^2 + 2^0 + 4^0 + 13^0 + 20^2 = 12 + 20 + 40 + 130 + 202 \\404 &:= 1^2 + 2^0 + 5^0 + 12^0 + 20^2 = 12 + 20 + 50 + 120 + 202 \\404 &:= 1^2 + 2^0 + 6^0 + 11^0 + 20^2 = 12 + 20 + 60 + 110 + 202 \\404 &:= 1^2 + 2^0 + 7^0 + 10^0 + 20^2 = 12 + 20 + 70 + 100 + 202 \\404 &:= 1^2 + 2^0 + 8^0 + 9^0 + 20^2 = 12 + 20 + 80 + 90 + 202 \\404 &:= 1^2 + 2^7 + 4^4 + 14^0 + 18^1 = 12 + 27 + 44 + 140 + 181 \\404 &:= 1^2 + 2^8 + 5^2 + 11^2 + 20^0 = 12 + 28 + 52 + 112 + 200 \\404 &:= 1^2 + 2^8 + 5^3 + 10^0 + 21^1 = 12 + 28 + 53 + 100 + 211 \\404 &:= 1^2 + 3^0 + 3^0 + 13^0 + 20^2 = 12 + 30 + 30 + 130 + 202 \\404 &:= 1^2 + 3^0 + 4^0 + 12^0 + 20^2 = 12 + 30 + 40 + 120 + 202 \\404 &:= 1^2 + 3^0 + 5^0 + 11^0 + 20^2 = 12 + 30 + 50 + 110 + 202\end{aligned}$$

$$\begin{aligned}404 &:= 1^2 + 3^0 + 6^0 + 10^0 + 20^2 = 12 + 30 + 60 + 100 + 202 \\404 &:= 1^2 + 3^0 + 7^0 + 9^0 + 20^2 = 12 + 30 + 70 + 90 + 202 \\404 &:= 1^2 + 3^0 + 8^0 + 8^0 + 20^2 = 12 + 30 + 80 + 80 + 202 \\404 &:= 1^2 + 4^0 + 4^0 + 11^0 + 20^2 = 12 + 40 + 40 + 110 + 202 \\404 &:= 1^2 + 4^0 + 5^0 + 10^0 + 20^2 = 12 + 40 + 50 + 100 + 202 \\404 &:= 1^2 + 4^0 + 6^0 + 9^0 + 20^2 = 12 + 40 + 60 + 90 + 202 \\404 &:= 1^2 + 4^0 + 7^0 + 8^0 + 20^2 = 12 + 40 + 70 + 80 + 202 \\404 &:= 1^2 + 5^0 + 5^0 + 9^0 + 20^2 = 12 + 50 + 50 + 90 + 202 \\404 &:= 1^2 + 5^0 + 6^0 + 8^0 + 20^2 = 12 + 50 + 60 + 80 + 202 \\404 &:= 1^2 + 5^0 + 7^0 + 7^0 + 20^2 = 12 + 50 + 70 + 70 + 202 \\404 &:= 1^2 + 6^0 + 6^0 + 7^0 + 20^2 = 12 + 60 + 60 + 70 + 202 \\404 &:= 1^3 + 1^3 + 1^6 + 16^0 + 20^2 = 13 + 13 + 16 + 160 + 202 \\404 &:= 1^3 + 1^4 + 1^5 + 16^0 + 20^2 = 13 + 14 + 15 + 160 + 202 \\404 &:= 1^3 + 1^9 + 2^0 + 15^0 + 20^2 = 13 + 19 + 20 + 150 + 202 \\404 &:= 1^3 + 1^9 + 3^0 + 14^0 + 20^2 = 13 + 19 + 30 + 140 + 202 \\404 &:= 1^3 + 1^9 + 4^0 + 13^0 + 20^2 = 13 + 19 + 40 + 130 + 202 \\404 &:= 1^3 + 1^9 + 5^0 + 12^0 + 20^2 = 13 + 19 + 50 + 120 + 202 \\404 &:= 1^3 + 1^9 + 6^0 + 11^0 + 20^2 = 13 + 19 + 60 + 110 + 202 \\404 &:= 1^3 + 1^9 + 7^0 + 10^0 + 20^2 = 13 + 19 + 70 + 100 + 202 \\404 &:= 1^3 + 1^9 + 8^0 + 9^0 + 20^2 = 13 + 19 + 80 + 90 + 202 \\404 &:= 1^3 + 2^1 + 2^8 + 12^2 + 22^0 = 13 + 21 + 28 + 122 + 220 \\404 &:= 1^3 + 2^5 + 3^3 + 7^3 + 26^0 = 13 + 25 + 33 + 73 + 260 \\404 &:= 1^3 + 2^5 + 3^4 + 16^0 + 17^2 = 13 + 25 + 34 + 160 + 172 \\404 &:= 1^3 + 2^7 + 7^2 + 14^0 + 15^2 = 13 + 27 + 72 + 140 + 152 \\404 &:= 1^4 + 1^4 + 1^4 + 16^0 + 20^2 = 14 + 14 + 14 + 160 + 202 \\404 &:= 1^4 + 1^8 + 2^0 + 15^0 + 20^2 = 14 + 18 + 20 + 150 + 202 \\404 &:= 1^4 + 1^8 + 3^0 + 14^0 + 20^2 = 14 + 18 + 30 + 140 + 202 \\404 &:= 1^4 + 1^8 + 4^0 + 13^0 + 20^2 = 14 + 18 + 40 + 130 + 202 \\404 &:= 1^4 + 1^8 + 5^0 + 12^0 + 20^2 = 14 + 18 + 50 + 120 + 202 \\404 &:= 1^4 + 1^8 + 6^0 + 11^0 + 20^2 = 14 + 18 + 60 + 110 + 202 \\404 &:= 1^4 + 1^8 + 7^0 + 10^0 + 20^2 = 14 + 18 + 70 + 100 + 202 \\404 &:= 1^4 + 1^8 + 8^0 + 9^0 + 20^2 = 14 + 18 + 80 + 90 + 202 \\404 &:= 1^4 + 1^9 + 1^9 + 15^0 + 20^2 = 14 + 19 + 19 + 150 + 202 \\404 &:= 1^4 + 2^0 + 2^7 + 16^2 + 18^1 = 14 + 20 + 27 + 162 + 181 \\404 &:= 1^4 + 2^6 + 10^0 + 13^2 + 13^2 = 14 + 26 + 100 + 132 + 132 \\404 &:= 1^4 + 2^6 + 7^2 + 12^0 + 17^2 = 14 + 26 + 72 + 120 + 172 \\404 &:= 1^5 + 1^7 + 2^0 + 15^0 + 20^2 = 15 + 17 + 20 + 150 + 202 \\404 &:= 1^5 + 1^7 + 3^0 + 14^0 + 20^2 = 15 + 17 + 30 + 140 + 202\end{aligned}$$

$$\begin{aligned}
 404 &:= 1^5 + 1^7 + 4^0 + 13^0 + 20^2 = 15 + 17 + 40 + 130 + 202 \\
 404 &:= 1^5 + 1^7 + 5^0 + 12^0 + 20^2 = 15 + 17 + 50 + 120 + 202 \\
 404 &:= 1^5 + 1^7 + 6^0 + 11^0 + 20^2 = 15 + 17 + 60 + 110 + 202 \\
 404 &:= 1^5 + 1^7 + 7^0 + 10^0 + 20^2 = 15 + 17 + 70 + 100 + 202 \\
 404 &:= 1^5 + 1^7 + 8^0 + 9^0 + 20^2 = 15 + 17 + 80 + 90 + 202 \\
 404 &:= 1^5 + 1^8 + 1^9 + 15^0 + 20^2 = 15 + 18 + 19 + 150 + 202 \\
 404 &:= 1^5 + 1^9 + 2^7 + 16^2 + 18^1 = 15 + 19 + 27 + 162 + 181 \\
 404 &:= 1^5 + 2^0 + 2^5 + 7^3 + 27^1 = 15 + 20 + 25 + 73 + 271 \\
 404 &:= 1^5 + 2^5 + 3^2 + 14^0 + 19^2 = 15 + 25 + 32 + 140 + 192 \\
 404 &:= 1^5 + 2^5 + 9^2 + 10^0 + 17^2 = 15 + 25 + 92 + 100 + 172 \\
 404 &:= 1^5 + 2^6 + 4^0 + 14^1 + 18^2 = 15 + 26 + 40 + 141 + 182 \\
 404 &:= 1^5 + 3^4 + 5^3 + 14^2 + 16^0 = 15 + 34 + 53 + 142 + 160 \\
 404 &:= 1^6 + 1^6 + 2^0 + 15^0 + 20^2 = 16 + 16 + 20 + 150 + 202 \\
 404 &:= 1^6 + 1^6 + 3^0 + 14^0 + 20^2 = 16 + 16 + 30 + 140 + 202 \\
 404 &:= 1^6 + 1^6 + 4^0 + 13^0 + 20^2 = 16 + 16 + 40 + 130 + 202 \\
 404 &:= 1^6 + 1^6 + 5^0 + 12^0 + 20^2 = 16 + 16 + 50 + 120 + 202 \\
 404 &:= 1^6 + 1^6 + 6^0 + 11^0 + 20^2 = 16 + 16 + 60 + 110 + 202 \\
 404 &:= 1^6 + 1^6 + 7^0 + 10^0 + 20^2 = 16 + 16 + 70 + 100 + 202 \\
 404 &:= 1^6 + 1^6 + 8^0 + 9^0 + 20^2 = 16 + 16 + 80 + 90 + 202 \\
 404 &:= 1^6 + 1^7 + 1^9 + 15^0 + 20^2 = 16 + 17 + 19 + 150 + 202 \\
 404 &:= 1^6 + 1^8 + 1^8 + 15^0 + 20^2 = 16 + 18 + 18 + 150 + 202 \\
 404 &:= 1^6 + 1^8 + 2^7 + 16^2 + 18^1 = 16 + 18 + 27 + 162 + 181 \\
 404 &:= 1^6 + 1^9 + 2^5 + 7^3 + 27^1 = 16 + 19 + 25 + 73 + 271 \\
 404 &:= 1^6 + 2^4 + 5^2 + 12^0 + 19^2 = 16 + 24 + 52 + 120 + 192 \\
 404 &:= 1^6 + 2^5 + 8^0 + 9^1 + 19^2 = 16 + 25 + 80 + 91 + 192 \\
 404 &:= 1^6 + 3^5 + 8^0 + 12^2 + 15^1 = 16 + 35 + 80 + 122 + 151 \\
 404 &:= 1^6 + 4^4 + 5^2 + 11^2 + 18^0 = 16 + 44 + 52 + 112 + 180 \\
 404 &:= 1^6 + 4^4 + 5^3 + 8^0 + 21^1 = 16 + 44 + 53 + 80 + 211 \\
 404 &:= 1^7 + 1^7 + 1^8 + 15^0 + 20^2 = 17 + 17 + 18 + 150 + 202 \\
 404 &:= 1^7 + 1^7 + 2^7 + 16^2 + 18^1 = 17 + 17 + 27 + 162 + 181 \\
 404 &:= 1^7 + 1^8 + 2^5 + 7^3 + 27^1 = 17 + 18 + 25 + 73 + 271 \\
 404 &:= 1^7 + 2^1 + 4^4 + 12^2 + 20^0 = 17 + 21 + 44 + 122 + 200 \\
 404 &:= 1^7 + 2^3 + 8^0 + 13^2 + 15^2 = 17 + 23 + 80 + 132 + 152 \\
 404 &:= 1^7 + 4^3 + 7^2 + 10^0 + 17^2 = 17 + 43 + 72 + 100 + 172 \\
 404 &:= 1^7 + 4^3 + 8^0 + 13^2 + 13^2 = 17 + 43 + 80 + 132 + 132 \\
 404 &:= 1^7 + 5^3 + 9^2 + 10^0 + 14^2 = 17 + 53 + 92 + 100 + 142 \\
 404 &:= 1^8 + 2^0 + 3^3 + 14^1 + 19^2 = 18 + 20 + 33 + 141 + 192 \\
 404 &:= 1^8 + 2^0 + 4^3 + 14^1 + 18^2 = 18 + 20 + 43 + 141 + 182
 \end{aligned}$$

$$\begin{aligned}
 404 &:= 1^8 + 2^0 + 6^2 + 7^3 + 23^1 = 18 + 20 + 62 + 73 + 231 \\
 404 &:= 1^8 + 2^0 + 6^3 + 13^2 + 17^1 = 18 + 20 + 63 + 132 + 171 \\
 404 &:= 1^8 + 2^5 + 2^7 + 6^3 + 27^1 = 18 + 25 + 27 + 63 + 271 \\
 404 &:= 1^8 + 2^7 + 2^8 + 15^0 + 18^1 = 18 + 27 + 28 + 150 + 181 \\
 404 &:= 1^8 + 4^0 + 8^2 + 13^2 + 13^2 = 18 + 40 + 82 + 132 + 132 \\
 404 &:= 1^8 + 4^2 + 5^2 + 10^0 + 19^2 = 18 + 42 + 52 + 100 + 192 \\
 404 &:= 1^8 + 5^2 + 6^0 + 11^2 + 16^2 = 18 + 52 + 60 + 112 + 162 \\
 404 &:= 1^8 + 6^0 + 7^2 + 8^2 + 17^2 = 18 + 60 + 72 + 82 + 172 \\
 404 &:= 1^8 + 7^2 + 7^3 + 10^1 + 14^0 = 18 + 72 + 73 + 101 + 140 \\
 404 &:= 1^9 + 1^9 + 3^3 + 14^1 + 19^2 = 19 + 19 + 33 + 141 + 192 \\
 404 &:= 1^9 + 1^9 + 4^3 + 14^1 + 18^2 = 19 + 19 + 43 + 141 + 182 \\
 404 &:= 1^9 + 1^9 + 6^2 + 7^3 + 23^1 = 19 + 19 + 62 + 73 + 231 \\
 404 &:= 1^9 + 1^9 + 6^3 + 13^2 + 17^1 = 19 + 19 + 63 + 132 + 171 \\
 404 &:= 1^9 + 2^0 + 8^1 + 13^2 + 15^2 = 19 + 20 + 81 + 132 + 152 \\
 404 &:= 1^9 + 2^1 + 8^0 + 12^2 + 16^2 = 19 + 21 + 80 + 122 + 162 \\
 404 &:= 1^9 + 2^5 + 2^7 + 15^2 + 18^1 = 19 + 25 + 27 + 152 + 181 \\
 404 &:= 1^9 + 5^1 + 6^2 + 8^0 + 19^2 = 19 + 51 + 62 + 80 + 192 \\
 404 &:= 2^0 + 2^7 + 3^5 + 10^1 + 22^1 = 20 + 27 + 35 + 101 + 221 \\
 404 &:= 2^0 + 2^7 + 3^5 + 11^1 + 21^1 = 20 + 27 + 35 + 111 + 211 \\
 404 &:= 2^0 + 2^7 + 3^5 + 12^1 + 20^1 = 20 + 27 + 35 + 121 + 201 \\
 404 &:= 2^0 + 2^7 + 3^5 + 13^1 + 19^1 = 20 + 27 + 35 + 131 + 191 \\
 404 &:= 2^0 + 2^7 + 3^5 + 14^1 + 18^1 = 20 + 27 + 35 + 141 + 181 \\
 404 &:= 2^0 + 2^7 + 3^5 + 15^1 + 17^1 = 20 + 27 + 35 + 151 + 171 \\
 404 &:= 2^0 + 2^7 + 3^5 + 16^1 + 16^1 = 20 + 27 + 35 + 161 + 161 \\
 404 &:= 2^0 + 2^7 + 3^5 + 5^1 + 27^1 = 20 + 27 + 35 + 51 + 271 \\
 404 &:= 2^0 + 2^7 + 3^5 + 6^1 + 26^1 = 20 + 27 + 35 + 61 + 261 \\
 404 &:= 2^0 + 2^7 + 3^5 + 7^1 + 25^1 = 20 + 27 + 35 + 71 + 251 \\
 404 &:= 2^0 + 2^7 + 3^5 + 8^1 + 24^1 = 20 + 27 + 35 + 81 + 241 \\
 404 &:= 2^0 + 2^7 + 3^5 + 9^1 + 23^1 = 20 + 27 + 35 + 91 + 231 \\
 404 &:= 2^0 + 2^7 + 5^3 + 5^3 + 25^1 = 20 + 27 + 53 + 53 + 251 \\
 404 &:= 2^1 + 2^8 + 4^3 + 9^2 + 22^0 = 21 + 28 + 43 + 92 + 220 \\
 404 &:= 2^2 + 2^7 + 4^4 + 15^1 + 16^0 = 22 + 27 + 44 + 151 + 160 \\
 404 &:= 2^2 + 2^8 + 5^3 + 12^0 + 18^1 = 22 + 28 + 53 + 120 + 181 \\
 404 &:= 2^3 + 2^8 + 6^0 + 11^2 + 18^1 = 23 + 28 + 60 + 112 + 181 \\
 404 &:= 2^3 + 3^3 + 3^5 + 5^3 + 26^0 = 23 + 33 + 35 + 53 + 260 \\
 404 &:= 2^4 + 2^7 + 3^1 + 16^0 + 16^2 = 24 + 27 + 31 + 160 + 162 \\
 404 &:= 2^4 + 3^4 + 3^4 + 15^2 + 16^0 = 24 + 34 + 34 + 152 + 160 \\
 404 &:= 2^5 + 3^1 + 3^5 + 5^3 + 26^0 = 25 + 31 + 35 + 53 + 260
 \end{aligned}$$

$$\begin{aligned}
 404 &:= 2^5 + 3^5 + 8^2 + 8^2 + 18^0 = 25 + 35 + 82 + 82 + 180 \\
 404 &:= 2^6 + 3^5 + 9^2 + 10^0 + 15^1 = 26 + 35 + 92 + 100 + 151 \\
 404 &:= 2^6 + 4^3 + 4^4 + 10^0 + 19^1 = 26 + 43 + 44 + 100 + 191 \\
 404 &:= 2^7 + 3^1 + 4^2 + 4^4 + 26^0 = 27 + 31 + 42 + 44 + 260 \\
 404 &:= 2^7 + 3^2 + 4^4 + 10^1 + 20^0 = 27 + 32 + 44 + 101 + 200 \\
 404 &:= 2^8 + 3^2 + 5^3 + 13^1 + 16^0 = 28 + 32 + 53 + 131 + 160
 \end{aligned}$$

$$\begin{aligned}
 404 &:= 2^8 + 3^3 + 4^0 + 10^2 + 20^1 = 28 + 33 + 40 + 102 + 201 \\
 404 &:= 2^8 + 4^2 + 5^3 + 6^1 + 22^0 = 28 + 42 + 53 + 61 + 220 \\
 404 &:= 2^8 + 4^3 + 6^0 + 8^2 + 19^1 = 28 + 43 + 60 + 82 + 191 \\
 404 &:= 2^8 + 7^2 + 7^2 + 7^2 + 16^0 = 28 + 72 + 72 + 72 + 160
 \end{aligned}$$

2.2.306 Number 405

$$\begin{aligned}
 405 &:= 1^2 + 2^7 + 3^5 + 33^1 = 12 + 27 + 35 + 331 \\
 405 &:= 1^2 + 3^1 + 16^0 + 20^2 = 12 + 31 + 160 + 202 \\
 405 &:= 1^5 + 2^7 + 16^2 + 20^1 = 15 + 27 + 162 + 201 \\
 405 &:= 1^6 + 2^5 + 7^3 + 29^1 = 16 + 25 + 73 + 291 \\
 405 &:= 1^9 + 3^3 + 16^1 + 19^2 = 19 + 33 + 161 + 192 \\
 405 &:= 1^9 + 4^3 + 16^1 + 18^2 = 19 + 43 + 161 + 182 \\
 405 &:= 1^9 + 6^2 + 7^3 + 25^1 = 19 + 62 + 73 + 251 \\
 405 &:= 1^9 + 6^3 + 13^2 + 19^1 = 19 + 63 + 132 + 191 \\
 405 &:= 2^0 + 10^1 + 13^2 + 15^2 = 20 + 101 + 132 + 152 \\
 405 &:= 2^5 + 2^7 + 15^2 + 20^1 = 25 + 27 + 152 + 201 \\
 405 &:= 4^1 + 8^0 + 12^2 + 16^2 = 41 + 80 + 122 + 162 \\
 405 &:= 6^2 + 7^1 + 8^0 + 19^2 = 62 + 71 + 80 + 192 \\
 405 &:= 1^0 + 1^2 + 2^1 + 16^0 + 20^2 = 10 + 12 + 21 + 160 + 202 \\
 405 &:= 1^0 + 1^5 + 2^7 + 16^2 + 19^1 = 10 + 15 + 27 + 162 + 191 \\
 405 &:= 1^0 + 1^9 + 3^3 + 15^1 + 19^2 = 10 + 19 + 33 + 151 + 192 \\
 405 &:= 1^0 + 1^9 + 4^3 + 15^1 + 18^2 = 10 + 19 + 43 + 151 + 182 \\
 405 &:= 1^0 + 1^9 + 6^2 + 7^3 + 24^1 = 10 + 19 + 62 + 73 + 241 \\
 405 &:= 1^0 + 1^9 + 6^3 + 13^2 + 18^1 = 10 + 19 + 63 + 132 + 181 \\
 405 &:= 1^0 + 2^0 + 9^1 + 13^2 + 15^2 = 10 + 20 + 91 + 132 + 152 \\
 405 &:= 1^0 + 2^5 + 2^7 + 15^2 + 19^1 = 10 + 25 + 27 + 152 + 191 \\
 405 &:= 1^0 + 3^1 + 8^0 + 12^2 + 16^2 = 10 + 31 + 80 + 122 + 162 \\
 405 &:= 1^0 + 6^1 + 6^2 + 8^0 + 19^2 = 10 + 61 + 62 + 80 + 192 \\
 405 &:= 1^1 + 1^1 + 2^1 + 16^0 + 20^2 = 11 + 11 + 21 + 160 + 202 \\
 405 &:= 1^1 + 1^4 + 2^7 + 16^2 + 19^1 = 11 + 14 + 27 + 162 + 191 \\
 405 &:= 1^1 + 1^8 + 3^3 + 15^1 + 19^2 = 11 + 18 + 33 + 151 + 192 \\
 405 &:= 1^1 + 1^8 + 4^3 + 15^1 + 18^2 = 11 + 18 + 43 + 151 + 182 \\
 405 &:= 1^1 + 1^8 + 6^2 + 7^3 + 24^1 = 11 + 18 + 62 + 73 + 241 \\
 405 &:= 1^1 + 1^8 + 6^3 + 13^2 + 18^1 = 11 + 18 + 63 + 132 + 181 \\
 405 &:= 1^1 + 1^9 + 9^1 + 13^2 + 15^2 = 11 + 19 + 91 + 132 + 152 \\
 405 &:= 1^1 + 2^7 + 3^5 + 10^1 + 23^1 = 11 + 27 + 35 + 101 + 231
 \end{aligned}$$

$$\begin{aligned}
 405 &:= 1^1 + 2^7 + 3^5 + 11^1 + 22^1 = 11 + 27 + 35 + 111 + 221 \\
 405 &:= 1^1 + 2^7 + 3^5 + 12^1 + 21^1 = 11 + 27 + 35 + 121 + 211 \\
 405 &:= 1^1 + 2^7 + 3^5 + 13^1 + 20^1 = 11 + 27 + 35 + 131 + 201 \\
 405 &:= 1^1 + 2^7 + 3^5 + 14^1 + 19^1 = 11 + 27 + 35 + 141 + 191 \\
 405 &:= 1^1 + 2^7 + 3^5 + 15^1 + 18^1 = 11 + 27 + 35 + 151 + 181 \\
 405 &:= 1^1 + 2^7 + 3^5 + 16^1 + 17^1 = 11 + 27 + 35 + 161 + 171 \\
 405 &:= 1^1 + 2^7 + 3^5 + 6^1 + 27^1 = 11 + 27 + 35 + 61 + 271 \\
 405 &:= 1^1 + 2^7 + 3^5 + 7^1 + 26^1 = 11 + 27 + 35 + 71 + 261 \\
 405 &:= 1^1 + 2^7 + 3^5 + 8^1 + 25^1 = 11 + 27 + 35 + 81 + 251 \\
 405 &:= 1^1 + 2^7 + 3^5 + 9^1 + 24^1 = 11 + 27 + 35 + 91 + 241 \\
 405 &:= 1^1 + 2^7 + 5^3 + 5^3 + 26^1 = 11 + 27 + 53 + 53 + 261 \\
 405 &:= 1^2 + 1^3 + 2^7 + 16^2 + 19^1 = 12 + 13 + 27 + 162 + 191 \\
 405 &:= 1^2 + 1^7 + 3^3 + 15^1 + 19^2 = 12 + 17 + 33 + 151 + 192 \\
 405 &:= 1^2 + 1^7 + 4^3 + 15^1 + 18^2 = 12 + 17 + 43 + 151 + 182 \\
 405 &:= 1^2 + 1^7 + 6^2 + 7^3 + 24^1 = 12 + 17 + 62 + 73 + 241 \\
 405 &:= 1^2 + 1^7 + 6^3 + 13^2 + 18^1 = 12 + 17 + 63 + 132 + 181 \\
 405 &:= 1^2 + 1^8 + 9^1 + 13^2 + 15^2 = 12 + 18 + 91 + 132 + 152 \\
 405 &:= 1^2 + 2^0 + 2^1 + 15^0 + 20^2 = 12 + 20 + 21 + 150 + 202 \\
 405 &:= 1^2 + 2^1 + 3^0 + 14^0 + 20^2 = 12 + 21 + 30 + 140 + 202 \\
 405 &:= 1^2 + 2^1 + 4^0 + 13^0 + 20^2 = 12 + 21 + 40 + 130 + 202 \\
 405 &:= 1^2 + 2^1 + 5^0 + 12^0 + 20^2 = 12 + 21 + 50 + 120 + 202 \\
 405 &:= 1^2 + 2^1 + 6^0 + 11^0 + 20^2 = 12 + 21 + 60 + 110 + 202 \\
 405 &:= 1^2 + 2^1 + 7^0 + 10^0 + 20^2 = 12 + 21 + 70 + 100 + 202 \\
 405 &:= 1^2 + 2^1 + 8^0 + 9^0 + 20^2 = 12 + 21 + 80 + 90 + 202 \\
 405 &:= 1^2 + 2^2 + 2^8 + 11^2 + 23^1 = 12 + 22 + 28 + 112 + 231 \\
 405 &:= 1^2 + 2^5 + 2^5 + 16^1 + 18^2 = 12 + 25 + 25 + 161 + 182 \\
 405 &:= 1^2 + 2^7 + 6^2 + 6^3 + 24^1 = 12 + 27 + 62 + 63 + 241 \\
 405 &:= 1^2 + 2^8 + 8^2 + 8^2 + 20^1 = 12 + 28 + 82 + 82 + 201 \\
 405 &:= 1^3 + 1^6 + 3^3 + 15^1 + 19^2 = 13 + 16 + 33 + 151 + 192 \\
 405 &:= 1^3 + 1^6 + 4^3 + 15^1 + 18^2 = 13 + 16 + 43 + 151 + 182
 \end{aligned}$$

$$\begin{aligned} 405 &:= 1^3 + 1^6 + 6^2 + 7^3 + 24^1 = 13 + 16 + 62 + 73 + 241 \\ 405 &:= 1^3 + 1^6 + 6^3 + 13^2 + 18^1 = 13 + 16 + 63 + 132 + 181 \\ 405 &:= 1^3 + 1^7 + 9^1 + 13^2 + 15^2 = 13 + 17 + 91 + 132 + 152 \\ 405 &:= 1^3 + 1^9 + 2^1 + 15^0 + 20^2 = 13 + 19 + 21 + 150 + 202 \\ 405 &:= 1^3 + 2^7 + 4^4 + 13^0 + 19^1 = 13 + 27 + 44 + 130 + 191 \\ 405 &:= 1^3 + 2^7 + 6^2 + 15^1 + 15^2 = 13 + 27 + 62 + 151 + 152 \\ 405 &:= 1^3 + 2^8 + 5^3 + 9^0 + 22^1 = 13 + 28 + 53 + 90 + 221 \\ 405 &:= 1^3 + 3^4 + 3^4 + 6^3 + 26^1 = 13 + 34 + 34 + 63 + 261 \\ 405 &:= 1^4 + 1^5 + 3^3 + 15^1 + 19^2 = 14 + 15 + 33 + 151 + 192 \\ 405 &:= 1^4 + 1^5 + 4^3 + 15^1 + 18^2 = 14 + 15 + 43 + 151 + 182 \\ 405 &:= 1^4 + 1^5 + 6^2 + 7^3 + 24^1 = 14 + 15 + 62 + 73 + 241 \\ 405 &:= 1^4 + 1^5 + 6^3 + 13^2 + 18^1 = 14 + 15 + 63 + 132 + 181 \\ 405 &:= 1^4 + 1^6 + 9^1 + 13^2 + 15^2 = 14 + 16 + 91 + 132 + 152 \\ 405 &:= 1^4 + 1^8 + 2^1 + 15^0 + 20^2 = 14 + 18 + 21 + 150 + 202 \\ 405 &:= 1^4 + 2^1 + 2^7 + 16^2 + 18^1 = 14 + 21 + 27 + 162 + 181 \\ 405 &:= 1^4 + 2^4 + 3^5 + 12^2 + 21^0 = 14 + 24 + 35 + 122 + 210 \\ 405 &:= 1^4 + 2^7 + 10^1 + 10^1 + 16^2 = 14 + 27 + 101 + 101 + 162 \\ 405 &:= 1^4 + 2^7 + 3^1 + 16^2 + 17^1 = 14 + 27 + 31 + 162 + 171 \\ 405 &:= 1^4 + 2^7 + 4^1 + 16^1 + 16^2 = 14 + 27 + 41 + 161 + 162 \\ 405 &:= 1^4 + 2^7 + 5^1 + 15^1 + 16^2 = 14 + 27 + 51 + 151 + 162 \\ 405 &:= 1^4 + 2^7 + 6^1 + 14^1 + 16^2 = 14 + 27 + 61 + 141 + 162 \\ 405 &:= 1^4 + 2^7 + 7^1 + 13^1 + 16^2 = 14 + 27 + 71 + 131 + 162 \\ 405 &:= 1^4 + 2^7 + 8^1 + 12^1 + 16^2 = 14 + 27 + 81 + 121 + 162 \\ 405 &:= 1^4 + 2^7 + 9^1 + 11^1 + 16^2 = 14 + 27 + 91 + 111 + 162 \\ 405 &:= 1^4 + 2^8 + 3^1 + 12^2 + 21^0 = 14 + 28 + 31 + 122 + 210 \\ 405 &:= 1^4 + 3^2 + 3^5 + 5^3 + 27^1 = 14 + 32 + 35 + 53 + 271 \\ 405 &:= 1^4 + 3^4 + 3^4 + 15^2 + 17^1 = 14 + 34 + 34 + 152 + 171 \\ 405 &:= 1^5 + 1^5 + 9^1 + 13^2 + 15^2 = 15 + 15 + 91 + 132 + 152 \\ 405 &:= 1^5 + 1^7 + 2^1 + 15^0 + 20^2 = 15 + 17 + 21 + 150 + 202 \\ 405 &:= 1^5 + 2^1 + 2^5 + 7^3 + 27^1 = 15 + 21 + 25 + 73 + 271 \\ 405 &:= 1^5 + 2^3 + 3^3 + 7^3 + 26^1 = 15 + 23 + 33 + 73 + 261 \\ 405 &:= 1^5 + 2^5 + 3^1 + 7^3 + 26^1 = 15 + 25 + 31 + 73 + 261 \\ 405 &:= 1^5 + 2^5 + 4^1 + 7^3 + 25^1 = 15 + 25 + 41 + 73 + 251 \\ 405 &:= 1^5 + 2^5 + 5^1 + 7^3 + 24^1 = 15 + 25 + 51 + 73 + 241 \\ 405 &:= 1^5 + 2^5 + 6^1 + 7^3 + 23^1 = 15 + 25 + 61 + 73 + 231 \\ 405 &:= 1^5 + 2^5 + 6^2 + 12^1 + 18^2 = 15 + 25 + 62 + 121 + 182 \\ 405 &:= 1^5 + 2^5 + 7^1 + 7^3 + 22^1 = 15 + 25 + 71 + 73 + 221 \\ 405 &:= 1^5 + 2^5 + 7^3 + 10^1 + 19^1 = 15 + 25 + 73 + 101 + 191 \\ 405 &:= 1^5 + 2^5 + 7^3 + 11^1 + 18^1 = 15 + 25 + 73 + 111 + 181 \\ 405 &:= 1^5 + 2^5 + 7^3 + 12^1 + 17^1 = 15 + 25 + 73 + 121 + 171 \\ 405 &:= 1^5 + 2^5 + 7^3 + 13^1 + 16^1 = 15 + 25 + 73 + 131 + 161 \\ 405 &:= 1^5 + 2^5 + 7^3 + 14^1 + 15^1 = 15 + 25 + 73 + 141 + 151 \\ 405 &:= 1^5 + 2^5 + 7^3 + 8^1 + 21^1 = 15 + 25 + 73 + 81 + 211 \\ 405 &:= 1^5 + 2^5 + 7^3 + 9^1 + 20^1 = 15 + 25 + 73 + 91 + 201 \\ 405 &:= 1^5 + 3^3 + 4^4 + 10^2 + 21^1 = 15 + 33 + 44 + 102 + 211 \\ 405 &:= 1^6 + 1^6 + 2^1 + 15^0 + 20^2 = 16 + 16 + 21 + 150 + 202 \\ 405 &:= 1^6 + 2^3 + 5^3 + 15^1 + 16^2 = 16 + 23 + 53 + 151 + 162 \\ 405 &:= 1^6 + 2^6 + 3^0 + 15^1 + 18^2 = 16 + 26 + 30 + 151 + 182 \\ 405 &:= 1^6 + 3^2 + 3^3 + 7^3 + 25^1 = 16 + 32 + 33 + 73 + 251 \\ 405 &:= 1^6 + 3^3 + 6^3 + 12^2 + 17^1 = 16 + 33 + 63 + 122 + 171 \\ 405 &:= 1^6 + 3^4 + 10^1 + 12^2 + 13^2 = 16 + 34 + 101 + 122 + 132 \\ 405 &:= 1^6 + 3^5 + 4^2 + 12^2 + 19^0 = 16 + 35 + 42 + 122 + 190 \\ 405 &:= 1^6 + 4^4 + 7^2 + 9^2 + 18^1 = 16 + 44 + 72 + 92 + 181 \\ 405 &:= 1^7 + 2^5 + 7^0 + 10^1 + 19^2 = 17 + 25 + 70 + 101 + 192 \\ 405 &:= 1^7 + 3^2 + 5^3 + 14^1 + 16^2 = 17 + 32 + 53 + 141 + 162 \\ 405 &:= 1^7 + 3^3 + 8^1 + 12^2 + 15^2 = 17 + 33 + 81 + 122 + 152 \\ 405 &:= 1^7 + 3^5 + 7^0 + 12^2 + 16^1 = 17 + 35 + 70 + 122 + 161 \\ 405 &:= 1^7 + 4^2 + 10^2 + 12^2 + 12^2 = 17 + 42 + 102 + 122 + 122 \\ 405 &:= 1^7 + 4^4 + 5^3 + 7^0 + 22^1 = 17 + 44 + 53 + 70 + 221 \\ 405 &:= 1^7 + 5^3 + 10^1 + 10^2 + 13^2 = 17 + 53 + 101 + 102 + 132 \\ 405 &:= 1^7 + 7^2 + 7^2 + 9^2 + 15^2 = 17 + 72 + 72 + 92 + 152 \\ 405 &:= 1^8 + 2^1 + 3^3 + 14^1 + 19^2 = 18 + 21 + 33 + 141 + 192 \\ 405 &:= 1^8 + 2^1 + 4^3 + 14^1 + 18^2 = 18 + 21 + 43 + 141 + 182 \\ 405 &:= 1^8 + 2^1 + 6^2 + 7^3 + 23^1 = 18 + 21 + 62 + 73 + 231 \\ 405 &:= 1^8 + 2^1 + 6^3 + 13^2 + 17^1 = 18 + 21 + 63 + 132 + 171 \\ 405 &:= 1^8 + 2^2 + 8^1 + 14^2 + 14^2 = 18 + 22 + 81 + 142 + 142 \\ 405 &:= 1^8 + 3^1 + 3^3 + 13^1 + 19^2 = 18 + 31 + 33 + 131 + 192 \\ 405 &:= 1^8 + 3^1 + 4^3 + 13^1 + 18^2 = 18 + 31 + 43 + 131 + 182 \\ 405 &:= 1^8 + 3^1 + 4^4 + 12^2 + 19^0 = 18 + 31 + 44 + 122 + 190 \\ 405 &:= 1^8 + 3^1 + 6^2 + 7^3 + 22^1 = 18 + 31 + 62 + 73 + 221 \\ 405 &:= 1^8 + 3^1 + 6^3 + 13^2 + 16^1 = 18 + 31 + 63 + 132 + 161 \\ 405 &:= 1^8 + 3^3 + 4^1 + 12^1 + 19^2 = 18 + 33 + 41 + 121 + 192 \\ 405 &:= 1^8 + 3^3 + 5^1 + 11^1 + 19^2 = 18 + 33 + 51 + 111 + 192 \\ 405 &:= 1^8 + 3^3 + 6^1 + 10^1 + 19^2 = 18 + 33 + 61 + 101 + 192 \\ 405 &:= 1^8 + 3^3 + 7^1 + 9^1 + 19^2 = 18 + 33 + 71 + 91 + 192 \\ 405 &:= 1^8 + 3^3 + 8^1 + 8^1 + 19^2 = 18 + 33 + 81 + 81 + 192 \end{aligned}$$

$$\begin{aligned} 405 &:= 1^8 + 4^1 + 4^3 + 12^1 + 18^2 = 18 + 41 + 43 + 121 + 182 \\ 405 &:= 1^8 + 4^1 + 6^2 + 7^3 + 21^1 = 18 + 41 + 62 + 73 + 211 \\ 405 &:= 1^8 + 4^1 + 6^3 + 13^2 + 15^1 = 18 + 41 + 63 + 132 + 151 \\ 405 &:= 1^8 + 4^2 + 4^2 + 11^1 + 19^2 = 18 + 42 + 42 + 111 + 192 \\ 405 &:= 1^8 + 4^3 + 5^1 + 11^1 + 18^2 = 18 + 43 + 51 + 111 + 182 \\ 405 &:= 1^8 + 4^3 + 6^1 + 10^1 + 18^2 = 18 + 43 + 61 + 101 + 182 \\ 405 &:= 1^8 + 4^3 + 7^1 + 9^1 + 18^2 = 18 + 43 + 71 + 91 + 182 \\ 405 &:= 1^8 + 4^3 + 8^1 + 8^1 + 18^2 = 18 + 43 + 81 + 81 + 182 \\ 405 &:= 1^8 + 5^1 + 6^2 + 7^3 + 20^1 = 18 + 51 + 62 + 73 + 201 \\ 405 &:= 1^8 + 5^1 + 6^3 + 13^2 + 14^1 = 18 + 51 + 63 + 132 + 141 \\ 405 &:= 1^8 + 6^1 + 6^2 + 7^3 + 19^1 = 18 + 61 + 62 + 73 + 191 \\ 405 &:= 1^8 + 6^1 + 6^3 + 13^1 + 13^2 = 18 + 61 + 63 + 131 + 132 \\ 405 &:= 1^8 + 6^2 + 6^2 + 8^1 + 18^2 = 18 + 62 + 62 + 81 + 182 \\ 405 &:= 1^8 + 6^2 + 7^1 + 7^3 + 18^1 = 18 + 62 + 71 + 73 + 181 \\ 405 &:= 1^8 + 6^2 + 7^3 + 10^1 + 15^1 = 18 + 62 + 73 + 101 + 151 \\ 405 &:= 1^8 + 6^2 + 7^3 + 11^1 + 14^1 = 18 + 62 + 73 + 111 + 141 \\ 405 &:= 1^8 + 6^2 + 7^3 + 12^1 + 13^1 = 18 + 62 + 73 + 121 + 131 \\ 405 &:= 1^8 + 6^2 + 7^3 + 8^1 + 17^1 = 18 + 62 + 73 + 81 + 171 \\ 405 &:= 1^8 + 6^2 + 7^3 + 9^1 + 16^1 = 18 + 62 + 73 + 91 + 161 \\ 405 &:= 1^8 + 6^3 + 7^1 + 12^1 + 13^2 = 18 + 63 + 71 + 121 + 132 \\ 405 &:= 1^8 + 6^3 + 8^1 + 11^1 + 13^2 = 18 + 63 + 81 + 111 + 132 \\ 405 &:= 1^8 + 6^3 + 9^1 + 10^1 + 13^2 = 18 + 63 + 91 + 101 + 132 \\ 405 &:= 1^9 + 2^1 + 8^1 + 13^2 + 15^2 = 19 + 21 + 81 + 132 + 152 \\ 405 &:= 1^9 + 2^7 + 2^8 + 14^0 + 19^1 = 19 + 27 + 28 + 140 + 191 \\ 405 &:= 1^9 + 3^1 + 7^1 + 13^2 + 15^2 = 19 + 31 + 71 + 132 + 152 \\ 405 &:= 1^9 + 3^2 + 7^0 + 13^2 + 15^2 = 19 + 32 + 70 + 132 + 152 \\ 405 &:= 1^9 + 4^1 + 6^1 + 13^2 + 15^2 = 19 + 41 + 61 + 132 + 152 \\ 405 &:= 1^9 + 5^1 + 5^1 + 13^2 + 15^2 = 19 + 51 + 51 + 132 + 152 \\ 405 &:= 1^9 + 7^2 + 7^3 + 11^1 + 13^0 = 19 + 72 + 73 + 111 + 130 \\ 405 &:= 2^0 + 3^1 + 7^0 + 12^2 + 16^2 = 20 + 31 + 70 + 122 + 162 \\ 405 &:= 2^0 + 6^1 + 6^2 + 7^0 + 19^2 = 20 + 61 + 62 + 70 + 192 \\ 405 &:= 2^1 + 2^7 + 3^5 + 10^1 + 22^1 = 21 + 27 + 35 + 101 + 221 \\ 405 &:= 2^1 + 2^7 + 3^5 + 11^1 + 21^1 = 21 + 27 + 35 + 111 + 211 \\ 405 &:= 2^1 + 2^7 + 3^5 + 12^1 + 20^1 = 21 + 27 + 35 + 121 + 201 \\ 405 &:= 2^1 + 2^7 + 3^5 + 13^1 + 19^1 = 21 + 27 + 35 + 131 + 191 \\ 405 &:= 2^1 + 2^7 + 3^5 + 14^1 + 18^1 = 21 + 27 + 35 + 141 + 181 \\ 405 &:= 2^1 + 2^7 + 3^5 + 15^1 + 17^1 = 21 + 27 + 35 + 151 + 171 \\ 405 &:= 2^1 + 2^7 + 3^5 + 16^1 + 16^1 = 21 + 27 + 35 + 161 + 161 \end{aligned}$$

$$\begin{aligned} 405 &:= 2^1 + 2^7 + 3^5 + 5^1 + 27^1 = 21 + 27 + 35 + 51 + 271 \\ 405 &:= 2^1 + 2^7 + 3^5 + 6^1 + 26^1 = 21 + 27 + 35 + 61 + 261 \\ 405 &:= 2^1 + 2^7 + 3^5 + 7^1 + 25^1 = 21 + 27 + 35 + 71 + 251 \\ 405 &:= 2^1 + 2^7 + 3^5 + 8^1 + 24^1 = 21 + 27 + 35 + 81 + 241 \\ 405 &:= 2^1 + 2^7 + 3^5 + 9^1 + 23^1 = 21 + 27 + 35 + 91 + 231 \\ 405 &:= 2^1 + 2^7 + 5^3 + 5^3 + 25^1 = 21 + 27 + 53 + 53 + 251 \\ 405 &:= 2^2 + 2^4 + 2^7 + 16^2 + 17^0 = 22 + 24 + 27 + 162 + 170 \\ 405 &:= 2^2 + 2^5 + 3^5 + 5^3 + 27^0 = 22 + 25 + 35 + 53 + 270 \\ 405 &:= 2^2 + 2^7 + 4^2 + 4^4 + 27^0 = 22 + 27 + 42 + 44 + 270 \\ 405 &:= 2^2 + 2^8 + 5^2 + 10^2 + 20^1 = 22 + 28 + 52 + 102 + 201 \\ 405 &:= 2^3 + 2^5 + 3^5 + 11^2 + 21^0 = 23 + 25 + 35 + 112 + 210 \\ 405 &:= 2^3 + 2^5 + 5^3 + 6^3 + 24^1 = 23 + 25 + 53 + 63 + 241 \\ 405 &:= 2^3 + 2^7 + 4^4 + 12^1 + 19^0 = 23 + 27 + 44 + 121 + 190 \\ 405 &:= 2^3 + 2^8 + 5^3 + 15^0 + 15^1 = 23 + 28 + 53 + 150 + 151 \\ 405 &:= 2^3 + 3^4 + 3^5 + 7^2 + 24^1 = 23 + 34 + 35 + 72 + 241 \\ 405 &:= 2^3 + 3^5 + 4^3 + 4^3 + 26^1 = 23 + 35 + 43 + 43 + 261 \\ 405 &:= 2^4 + 2^5 + 4^4 + 10^2 + 21^0 = 24 + 25 + 44 + 102 + 210 \\ 405 &:= 2^4 + 2^7 + 8^2 + 13^0 + 14^2 = 24 + 27 + 82 + 130 + 142 \\ 405 &:= 2^4 + 2^8 + 11^1 + 11^2 + 13^0 = 24 + 28 + 111 + 112 + 130 \\ 405 &:= 2^4 + 3^4 + 3^5 + 8^2 + 23^0 = 24 + 34 + 35 + 82 + 230 \\ 405 &:= 2^5 + 3^2 + 3^5 + 10^2 + 21^1 = 25 + 32 + 35 + 102 + 211 \\ 405 &:= 2^6 + 3^1 + 3^4 + 4^4 + 27^0 = 26 + 31 + 34 + 44 + 270 \\ 405 &:= 2^6 + 3^5 + 4^2 + 9^2 + 21^0 = 26 + 35 + 42 + 92 + 210 \\ 405 &:= 2^7 + 3^1 + 3^5 + 10^1 + 21^1 = 27 + 31 + 35 + 101 + 211 \\ 405 &:= 2^7 + 3^1 + 3^5 + 11^1 + 20^1 = 27 + 31 + 35 + 111 + 201 \\ 405 &:= 2^7 + 3^1 + 3^5 + 12^1 + 19^1 = 27 + 31 + 35 + 121 + 191 \\ 405 &:= 2^7 + 3^1 + 3^5 + 13^1 + 18^1 = 27 + 31 + 35 + 131 + 181 \\ 405 &:= 2^7 + 3^1 + 3^5 + 14^1 + 17^1 = 27 + 31 + 35 + 141 + 171 \\ 405 &:= 2^7 + 3^1 + 3^5 + 15^1 + 16^1 = 27 + 31 + 35 + 151 + 161 \\ 405 &:= 2^7 + 3^1 + 3^5 + 4^1 + 27^1 = 27 + 31 + 35 + 41 + 271 \\ 405 &:= 2^7 + 3^1 + 3^5 + 5^1 + 26^1 = 27 + 31 + 35 + 51 + 261 \\ 405 &:= 2^7 + 3^1 + 3^5 + 6^1 + 25^1 = 27 + 31 + 35 + 61 + 251 \\ 405 &:= 2^7 + 3^1 + 3^5 + 7^1 + 24^1 = 27 + 31 + 35 + 71 + 241 \\ 405 &:= 2^7 + 3^1 + 3^5 + 8^1 + 23^1 = 27 + 31 + 35 + 81 + 231 \\ 405 &:= 2^7 + 3^1 + 3^5 + 9^1 + 22^1 = 27 + 31 + 35 + 91 + 221 \\ 405 &:= 2^7 + 3^1 + 5^3 + 5^3 + 24^1 = 27 + 31 + 53 + 53 + 241 \\ 405 &:= 2^7 + 3^2 + 3^3 + 15^2 + 16^1 = 27 + 32 + 33 + 152 + 161 \\ 405 &:= 2^7 + 3^2 + 3^5 + 7^0 + 24^1 = 27 + 32 + 35 + 70 + 241 \end{aligned}$$

$$\begin{aligned} 405 &:= 2^7 + 3^5 + 10^1 + 10^1 + 14^1 = 27 + 35 + 101 + 101 + 141 \\ 405 &:= 2^7 + 3^5 + 10^1 + 11^1 + 13^1 = 27 + 35 + 101 + 111 + 131 \\ 405 &:= 2^7 + 3^5 + 10^1 + 12^1 + 12^1 = 27 + 35 + 101 + 121 + 121 \\ 405 &:= 2^7 + 3^5 + 11^1 + 11^1 + 12^1 = 27 + 35 + 111 + 111 + 121 \\ 405 &:= 2^7 + 3^5 + 4^1 + 10^1 + 20^1 = 27 + 35 + 41 + 101 + 201 \\ 405 &:= 2^7 + 3^5 + 4^1 + 11^1 + 19^1 = 27 + 35 + 41 + 111 + 191 \\ 405 &:= 2^7 + 3^5 + 4^1 + 12^1 + 18^1 = 27 + 35 + 41 + 121 + 181 \\ 405 &:= 2^7 + 3^5 + 4^1 + 13^1 + 17^1 = 27 + 35 + 41 + 131 + 171 \\ 405 &:= 2^7 + 3^5 + 4^1 + 14^1 + 16^1 = 27 + 35 + 41 + 141 + 161 \\ 405 &:= 2^7 + 3^5 + 4^1 + 15^1 + 15^1 = 27 + 35 + 41 + 151 + 151 \\ 405 &:= 2^7 + 3^5 + 4^1 + 4^1 + 26^1 = 27 + 35 + 41 + 41 + 261 \\ 405 &:= 2^7 + 3^5 + 4^1 + 5^1 + 25^1 = 27 + 35 + 41 + 51 + 251 \\ 405 &:= 2^7 + 3^5 + 4^1 + 6^1 + 24^1 = 27 + 35 + 41 + 61 + 241 \\ 405 &:= 2^7 + 3^5 + 4^1 + 7^1 + 23^1 = 27 + 35 + 41 + 71 + 231 \\ 405 &:= 2^7 + 3^5 + 4^1 + 8^1 + 22^1 = 27 + 35 + 41 + 81 + 221 \\ 405 &:= 2^7 + 3^5 + 4^1 + 9^1 + 21^1 = 27 + 35 + 41 + 91 + 211 \\ 405 &:= 2^7 + 3^5 + 4^2 + 13^0 + 17^1 = 27 + 35 + 42 + 130 + 171 \\ 405 &:= 2^7 + 3^5 + 5^1 + 10^1 + 19^1 = 27 + 35 + 51 + 101 + 191 \\ 405 &:= 2^7 + 3^5 + 5^1 + 11^1 + 18^1 = 27 + 35 + 51 + 111 + 181 \\ 405 &:= 2^7 + 3^5 + 5^1 + 12^1 + 17^1 = 27 + 35 + 51 + 121 + 171 \\ 405 &:= 2^7 + 3^5 + 5^1 + 13^1 + 16^1 = 27 + 35 + 51 + 131 + 161 \\ 405 &:= 2^7 + 3^5 + 5^1 + 14^1 + 15^1 = 27 + 35 + 51 + 141 + 151 \\ 405 &:= 2^7 + 3^5 + 5^1 + 5^1 + 24^1 = 27 + 35 + 51 + 51 + 241 \\ 405 &:= 2^7 + 3^5 + 5^1 + 6^1 + 23^1 = 27 + 35 + 51 + 61 + 231 \\ 405 &:= 2^7 + 3^5 + 5^1 + 7^1 + 22^1 = 27 + 35 + 51 + 71 + 221 \\ 405 &:= 2^7 + 3^5 + 5^1 + 8^1 + 21^1 = 27 + 35 + 51 + 81 + 211 \\ 405 &:= 2^7 + 3^5 + 5^1 + 9^1 + 20^1 = 27 + 35 + 51 + 91 + 201 \\ 405 &:= 2^7 + 3^5 + 5^2 + 8^1 + 21^0 = 27 + 35 + 52 + 81 + 210 \\ 405 &:= 2^7 + 3^5 + 6^1 + 10^1 + 18^1 = 27 + 35 + 61 + 101 + 181 \\ 405 &:= 2^7 + 3^5 + 6^1 + 11^1 + 17^1 = 27 + 35 + 61 + 111 + 171 \\ 405 &:= 2^7 + 3^5 + 6^1 + 12^1 + 16^1 = 27 + 35 + 61 + 121 + 161 \\ 405 &:= 2^7 + 3^5 + 6^1 + 13^1 + 15^1 = 27 + 35 + 61 + 131 + 151 \\ 405 &:= 2^7 + 3^5 + 6^1 + 14^1 + 14^1 = 27 + 35 + 61 + 141 + 141 \\ 405 &:= 2^7 + 3^5 + 6^1 + 6^1 + 22^1 = 27 + 35 + 61 + 61 + 221 \\ 405 &:= 2^7 + 3^5 + 6^1 + 7^1 + 21^1 = 27 + 35 + 61 + 71 + 211 \\ 405 &:= 2^7 + 3^5 + 6^1 + 8^1 + 20^1 = 27 + 35 + 61 + 81 + 201 \\ 405 &:= 2^7 + 3^5 + 6^1 + 9^1 + 19^1 = 27 + 35 + 61 + 91 + 191 \\ 405 &:= 2^7 + 3^5 + 7^1 + 10^1 + 17^1 = 27 + 35 + 71 + 101 + 171 \\ 405 &:= 2^7 + 3^5 + 7^1 + 11^1 + 16^1 = 27 + 35 + 71 + 111 + 161 \\ 405 &:= 2^7 + 3^5 + 7^1 + 12^1 + 15^1 = 27 + 35 + 71 + 121 + 151 \\ 405 &:= 2^7 + 3^5 + 7^1 + 13^1 + 14^1 = 27 + 35 + 71 + 131 + 141 \\ 405 &:= 2^7 + 3^5 + 7^1 + 7^1 + 20^1 = 27 + 35 + 71 + 71 + 201 \\ 405 &:= 2^7 + 3^5 + 7^1 + 8^1 + 19^1 = 27 + 35 + 71 + 81 + 191 \\ 405 &:= 2^7 + 3^5 + 7^1 + 9^1 + 18^1 = 27 + 35 + 71 + 91 + 181 \\ 405 &:= 2^7 + 3^5 + 8^1 + 10^1 + 16^1 = 27 + 35 + 81 + 101 + 161 \\ 405 &:= 2^7 + 3^5 + 8^1 + 11^1 + 15^1 = 27 + 35 + 81 + 111 + 151 \\ 405 &:= 2^7 + 3^5 + 8^1 + 12^1 + 14^1 = 27 + 35 + 81 + 121 + 141 \\ 405 &:= 2^7 + 3^5 + 8^1 + 13^1 + 13^1 = 27 + 35 + 81 + 131 + 131 \\ 405 &:= 2^7 + 3^5 + 8^1 + 8^1 + 18^1 = 27 + 35 + 81 + 81 + 181 \\ 405 &:= 2^7 + 3^5 + 8^1 + 9^1 + 17^1 = 27 + 35 + 81 + 91 + 171 \\ 405 &:= 2^7 + 3^5 + 9^1 + 10^1 + 15^1 = 27 + 35 + 91 + 101 + 151 \\ 405 &:= 2^7 + 3^5 + 9^1 + 11^1 + 14^1 = 27 + 35 + 91 + 111 + 141 \\ 405 &:= 2^7 + 3^5 + 9^1 + 12^1 + 13^1 = 27 + 35 + 91 + 121 + 131 \\ 405 &:= 2^7 + 3^5 + 9^1 + 9^1 + 16^1 = 27 + 35 + 91 + 91 + 161 \\ 405 &:= 2^7 + 4^1 + 5^3 + 5^3 + 23^1 = 27 + 41 + 53 + 53 + 231 \\ 405 &:= 2^7 + 4^3 + 10^2 + 10^2 + 13^1 = 27 + 43 + 102 + 102 + 131 \\ 405 &:= 2^7 + 5^1 + 5^3 + 5^3 + 22^1 = 27 + 51 + 53 + 53 + 221 \\ 405 &:= 2^7 + 5^3 + 5^3 + 10^1 + 17^1 = 27 + 53 + 53 + 101 + 171 \\ 405 &:= 2^7 + 5^3 + 5^3 + 11^1 + 16^1 = 27 + 53 + 53 + 111 + 161 \\ 405 &:= 2^7 + 5^3 + 5^3 + 12^1 + 15^1 = 27 + 53 + 53 + 121 + 151 \\ 405 &:= 2^7 + 5^3 + 5^3 + 13^1 + 14^1 = 27 + 53 + 53 + 131 + 141 \\ 405 &:= 2^7 + 5^3 + 5^3 + 6^1 + 21^1 = 27 + 53 + 53 + 61 + 211 \\ 405 &:= 2^7 + 5^3 + 5^3 + 7^1 + 20^1 = 27 + 53 + 53 + 71 + 201 \\ 405 &:= 2^7 + 5^3 + 5^3 + 8^1 + 19^1 = 27 + 53 + 53 + 81 + 191 \\ 405 &:= 2^7 + 5^3 + 5^3 + 9^1 + 18^1 = 27 + 53 + 53 + 91 + 181 \\ 405 &:= 2^7 + 5^3 + 6^2 + 10^2 + 16^1 = 27 + 53 + 62 + 102 + 161 \\ 405 &:= 2^8 + 3^1 + 3^4 + 8^2 + 23^0 = 28 + 31 + 34 + 82 + 230 \\ 405 &:= 2^8 + 3^4 + 7^2 + 9^0 + 18^1 = 28 + 34 + 72 + 90 + 181 \\ 405 &:= 2^8 + 4^3 + 4^3 + 9^0 + 20^1 = 28 + 43 + 43 + 90 + 201 \\ 405 &:= 2^8 + 5^2 + 5^2 + 9^2 + 18^1 = 28 + 52 + 52 + 92 + 181 \\ 405 &:= 3^0 + 3^1 + 6^0 + 12^2 + 16^2 = 30 + 31 + 60 + 122 + 162 \\ 405 &:= 3^0 + 6^0 + 6^1 + 6^2 + 19^2 = 30 + 60 + 61 + 62 + 192 \\ 405 &:= 3^1 + 4^0 + 5^0 + 12^2 + 16^2 = 31 + 40 + 50 + 122 + 162 \\ 405 &:= 3^4 + 3^4 + 3^4 + 12^2 + 18^1 = 34 + 34 + 34 + 122 + 181 \\ 405 &:= 4^0 + 5^0 + 6^1 + 6^2 + 19^2 = 40 + 50 + 61 + 62 + 192 \end{aligned}$$

2.2.307 Number 406

$$\begin{aligned}
 406 &:= 3^3 + 18^1 + 19^2 &= 33 + 181 + 192 \\
 406 &:= 3^4 + 18^2 + 19^0 &= 34 + 182 + 190 \\
 406 &:= 4^3 + 18^1 + 18^2 &= 43 + 181 + 182 \\
 406 &:= 6^2 + 7^3 + 27^1 &= 62 + 73 + 271 \\
 406 &:= 6^3 + 13^2 + 21^1 &= 63 + 132 + 211 \\
 406 &:= 1^0 + 3^3 + 17^1 + 19^2 &= 10 + 33 + 171 + 192 \\
 406 &:= 1^0 + 4^3 + 17^1 + 18^2 &= 10 + 43 + 171 + 182 \\
 406 &:= 1^0 + 6^2 + 7^3 + 26^1 &= 10 + 62 + 73 + 261 \\
 406 &:= 1^0 + 6^3 + 13^2 + 20^1 &= 10 + 63 + 132 + 201 \\
 406 &:= 1^1 + 11^1 + 13^2 + 15^2 &= 11 + 111 + 132 + 152 \\
 406 &:= 1^2 + 2^2 + 17^0 + 20^2 &= 12 + 22 + 170 + 202 \\
 406 &:= 1^3 + 4^1 + 15^0 + 20^2 &= 13 + 41 + 150 + 202 \\
 406 &:= 2^1 + 10^1 + 13^2 + 15^2 &= 21 + 101 + 132 + 152 \\
 406 &:= 2^7 + 2^8 + 14^0 + 21^1 &= 27 + 28 + 140 + 211 \\
 406 &:= 3^1 + 9^1 + 13^2 + 15^2 &= 31 + 91 + 132 + 152 \\
 406 &:= 4^1 + 8^1 + 13^2 + 15^2 &= 41 + 81 + 132 + 152 \\
 406 &:= 4^2 + 9^0 + 10^2 + 17^2 &= 42 + 90 + 102 + 172 \\
 406 &:= 5^1 + 7^1 + 13^2 + 15^2 &= 51 + 71 + 132 + 152 \\
 406 &:= 6^1 + 6^1 + 13^2 + 15^2 &= 61 + 61 + 132 + 152 \\
 406 &:= 6^2 + 7^0 + 12^2 + 15^2 &= 62 + 70 + 122 + 152 \\
 406 &:= 7^0 + 7^2 + 10^2 + 16^2 &= 70 + 72 + 102 + 162 \\
 406 &:= 7^2 + 7^3 + 13^0 + 13^1 &= 72 + 73 + 130 + 131 \\
 406 &:= 1^0 + 1^0 + 3^3 + 16^1 + 19^2 &= 10 + 10 + 33 + 161 + 192 \\
 406 &:= 1^0 + 1^0 + 4^3 + 16^1 + 18^2 &= 10 + 10 + 43 + 161 + 182 \\
 406 &:= 1^0 + 1^0 + 6^2 + 7^3 + 25^1 &= 10 + 10 + 62 + 73 + 251 \\
 406 &:= 1^0 + 1^0 + 6^3 + 13^2 + 19^1 &= 10 + 10 + 63 + 132 + 191 \\
 406 &:= 1^0 + 1^1 + 10^1 + 13^2 + 15^2 &= 10 + 11 + 101 + 132 + 152 \\
 406 &:= 1^0 + 1^3 + 3^1 + 15^0 + 20^2 &= 10 + 13 + 31 + 150 + 202 \\
 406 &:= 1^0 + 2^1 + 9^1 + 13^2 + 15^2 &= 10 + 21 + 91 + 132 + 152 \\
 406 &:= 1^0 + 2^2 + 9^0 + 12^2 + 16^2 &= 10 + 22 + 90 + 122 + 162 \\
 406 &:= 1^0 + 2^7 + 2^8 + 14^0 + 20^1 &= 10 + 27 + 28 + 140 + 201 \\
 406 &:= 1^0 + 3^1 + 8^1 + 13^2 + 15^2 &= 10 + 31 + 81 + 132 + 152 \\
 406 &:= 1^0 + 4^1 + 7^1 + 13^2 + 15^2 &= 10 + 41 + 71 + 132 + 152 \\
 406 &:= 1^0 + 4^2 + 8^2 + 9^0 + 18^2 &= 10 + 42 + 82 + 90 + 182 \\
 406 &:= 1^0 + 5^0 + 8^2 + 12^2 + 14^2 &= 10 + 50 + 82 + 122 + 142 \\
 406 &:= 1^0 + 5^1 + 6^1 + 13^2 + 15^2 &= 10 + 51 + 61 + 132 + 152
 \end{aligned}$$

$$\begin{aligned}
 406 &:= 1^0 + 7^2 + 7^3 + 12^1 + 13^0 &= 10 + 72 + 73 + 121 + 130 \\
 406 &:= 1^1 + 1^2 + 3^1 + 15^0 + 20^2 &= 11 + 12 + 31 + 150 + 202 \\
 406 &:= 1^1 + 4^1 + 7^0 + 12^2 + 16^2 &= 11 + 41 + 70 + 122 + 162 \\
 406 &:= 1^1 + 6^2 + 7^0 + 7^1 + 19^2 &= 11 + 62 + 70 + 71 + 192 \\
 406 &:= 1^2 + 2^1 + 2^1 + 15^0 + 20^2 &= 12 + 21 + 21 + 150 + 202 \\
 406 &:= 1^3 + 2^0 + 3^1 + 14^0 + 20^2 &= 13 + 20 + 31 + 140 + 202 \\
 406 &:= 1^3 + 2^8 + 3^3 + 11^2 + 22^0 &= 13 + 28 + 33 + 112 + 220 \\
 406 &:= 1^3 + 3^0 + 3^1 + 13^0 + 20^2 &= 13 + 30 + 31 + 130 + 202 \\
 406 &:= 1^3 + 3^1 + 4^0 + 12^0 + 20^2 &= 13 + 31 + 40 + 120 + 202 \\
 406 &:= 1^3 + 3^1 + 5^0 + 11^0 + 20^2 &= 13 + 31 + 50 + 110 + 202 \\
 406 &:= 1^3 + 3^1 + 6^0 + 10^0 + 20^2 &= 13 + 31 + 60 + 100 + 202 \\
 406 &:= 1^3 + 3^1 + 7^0 + 9^0 + 20^2 &= 13 + 31 + 70 + 90 + 202 \\
 406 &:= 1^3 + 3^1 + 8^0 + 8^0 + 20^2 &= 13 + 31 + 80 + 80 + 202 \\
 406 &:= 1^4 + 1^9 + 3^1 + 14^0 + 20^2 &= 14 + 19 + 31 + 140 + 202 \\
 406 &:= 1^4 + 2^2 + 2^8 + 12^2 + 22^0 &= 14 + 22 + 28 + 122 + 220 \\
 406 &:= 1^4 + 2^4 + 2^6 + 16^0 + 18^2 &= 14 + 24 + 26 + 160 + 182 \\
 406 &:= 1^4 + 2^7 + 4^4 + 12^0 + 20^1 &= 14 + 27 + 44 + 120 + 201 \\
 406 &:= 1^4 + 2^8 + 5^3 + 8^0 + 23^1 &= 14 + 28 + 53 + 80 + 231 \\
 406 &:= 1^5 + 1^8 + 3^1 + 14^0 + 20^2 &= 15 + 18 + 31 + 140 + 202 \\
 406 &:= 1^5 + 2^8 + 4^1 + 12^2 + 20^0 &= 15 + 28 + 41 + 122 + 200 \\
 406 &:= 1^6 + 1^7 + 3^1 + 14^0 + 20^2 &= 16 + 17 + 31 + 140 + 202 \\
 406 &:= 1^6 + 2^6 + 10^0 + 12^2 + 14^2 &= 16 + 26 + 100 + 122 + 142 \\
 406 &:= 1^6 + 2^6 + 4^2 + 14^0 + 18^2 &= 16 + 26 + 42 + 140 + 182 \\
 406 &:= 1^6 + 3^5 + 5^3 + 6^2 + 24^0 &= 16 + 35 + 53 + 62 + 240 \\
 406 &:= 1^7 + 2^0 + 2^6 + 16^1 + 18^2 &= 17 + 20 + 26 + 161 + 182 \\
 406 &:= 1^7 + 2^4 + 3^3 + 14^0 + 19^2 &= 17 + 24 + 33 + 140 + 192 \\
 406 &:= 1^7 + 2^4 + 4^3 + 14^0 + 18^2 &= 17 + 24 + 43 + 140 + 182 \\
 406 &:= 1^7 + 3^3 + 4^4 + 11^2 + 20^0 &= 17 + 33 + 44 + 112 + 200 \\
 406 &:= 1^8 + 1^9 + 2^6 + 16^1 + 18^2 &= 18 + 19 + 26 + 161 + 182 \\
 406 &:= 1^8 + 2^2 + 4^4 + 12^2 + 20^0 &= 18 + 22 + 44 + 122 + 200 \\
 406 &:= 1^8 + 2^4 + 8^2 + 10^0 + 18^2 &= 18 + 24 + 82 + 100 + 182 \\
 406 &:= 1^8 + 2^5 + 6^0 + 11^1 + 19^2 &= 18 + 25 + 60 + 111 + 192 \\
 406 &:= 1^8 + 3^5 + 6^0 + 12^2 + 17^1 &= 18 + 35 + 60 + 122 + 171 \\
 406 &:= 1^8 + 4^4 + 5^3 + 6^0 + 23^1 &= 18 + 44 + 53 + 60 + 231 \\
 406 &:= 1^9 + 3^3 + 4^2 + 12^0 + 19^2 &= 19 + 33 + 42 + 120 + 192 \\
 406 &:= 1^9 + 3^3 + 8^0 + 11^2 + 16^2 &= 19 + 33 + 80 + 112 + 162
 \end{aligned}$$

$$\begin{aligned}
 406 &:= 1^9 + 4^1 + 4^4 + 12^2 + 18^0 = 19 + 41 + 44 + 122 + 180 \\
 406 &:= 1^9 + 4^2 + 4^3 + 12^0 + 18^2 = 19 + 42 + 43 + 120 + 182 \\
 406 &:= 1^9 + 4^3 + 8^0 + 12^2 + 14^2 = 19 + 43 + 80 + 122 + 142 \\
 406 &:= 1^9 + 5^2 + 6^2 + 7^3 + 20^0 = 19 + 52 + 62 + 73 + 200 \\
 406 &:= 2^0 + 2^2 + 8^0 + 12^2 + 16^2 = 20 + 22 + 80 + 122 + 162 \\
 406 &:= 2^0 + 2^7 + 2^8 + 13^0 + 20^1 = 20 + 27 + 28 + 130 + 201 \\
 406 &:= 2^0 + 4^0 + 8^2 + 12^2 + 14^2 = 20 + 40 + 82 + 122 + 142 \\
 406 &:= 2^0 + 4^2 + 8^0 + 8^2 + 18^2 = 20 + 42 + 80 + 82 + 182 \\
 406 &:= 2^0 + 7^2 + 7^3 + 12^0 + 12^1 = 20 + 72 + 73 + 120 + 121 \\
 406 &:= 2^1 + 3^1 + 7^0 + 12^2 + 16^2 = 21 + 31 + 70 + 122 + 162 \\
 406 &:= 2^1 + 6^1 + 6^2 + 7^0 + 19^2 = 21 + 61 + 62 + 70 + 192 \\
 406 &:= 2^2 + 2^8 + 3^4 + 8^2 + 24^0 = 22 + 28 + 34 + 82 + 240 \\
 406 &:= 2^2 + 3^0 + 7^0 + 12^2 + 16^2 = 22 + 30 + 70 + 122 + 162 \\
 406 &:= 2^2 + 4^0 + 6^0 + 12^2 + 16^2 = 22 + 40 + 60 + 122 + 162 \\
 406 &:= 2^2 + 5^0 + 5^0 + 12^2 + 16^2 = 22 + 50 + 50 + 122 + 162 \\
 406 &:= 2^3 + 2^7 + 3^5 + 6^0 + 26^1 = 23 + 27 + 35 + 60 + 261 \\
 406 &:= 2^3 + 2^8 + 4^2 + 5^3 + 26^0 = 23 + 28 + 42 + 53 + 260 \\
 406 &:= 2^4 + 2^7 + 4^4 + 5^1 + 26^0 = 24 + 27 + 44 + 51 + 260 \\
 406 &:= 2^4 + 2^8 + 5^3 + 8^1 + 22^0 = 24 + 28 + 53 + 81 + 220 \\
 406 &:= 2^5 + 2^5 + 5^3 + 6^3 + 24^0 = 25 + 25 + 53 + 63 + 240 \\
 406 &:= 2^5 + 2^7 + 7^2 + 14^0 + 14^2 = 25 + 27 + 72 + 140 + 142 \\
 406 &:= 2^5 + 2^8 + 8^0 + 10^2 + 17^1 = 25 + 28 + 80 + 102 + 171 \\
 406 &:= 2^5 + 3^4 + 3^5 + 7^2 + 24^0 = 25 + 34 + 35 + 72 + 240 \\
 406 &:= 2^6 + 2^6 + 9^2 + 12^0 + 14^2 = 26 + 26 + 92 + 120 + 142
 \end{aligned}$$

$$\begin{aligned}
 406 &:= 2^6 + 2^7 + 4^0 + 14^2 + 17^1 = 26 + 27 + 40 + 142 + 171 \\
 406 &:= 2^6 + 3^4 + 3^5 + 14^0 + 17^1 = 26 + 34 + 35 + 140 + 171 \\
 406 &:= 2^7 + 2^8 + 3^0 + 12^0 + 20^1 = 27 + 28 + 30 + 120 + 201 \\
 406 &:= 2^7 + 2^8 + 4^0 + 11^0 + 20^1 = 27 + 28 + 40 + 110 + 201 \\
 406 &:= 2^7 + 2^8 + 5^0 + 10^0 + 20^1 = 27 + 28 + 50 + 100 + 201 \\
 406 &:= 2^7 + 2^8 + 6^0 + 9^0 + 20^1 = 27 + 28 + 60 + 90 + 201 \\
 406 &:= 2^7 + 2^8 + 7^0 + 8^0 + 20^1 = 27 + 28 + 70 + 80 + 201 \\
 406 &:= 2^7 + 3^2 + 3^5 + 5^2 + 26^0 = 27 + 32 + 35 + 52 + 260 \\
 406 &:= 2^7 + 3^3 + 3^4 + 13^2 + 18^0 = 27 + 33 + 34 + 132 + 180 \\
 406 &:= 2^7 + 3^3 + 3^5 + 7^1 + 24^0 = 27 + 33 + 35 + 71 + 240 \\
 406 &:= 2^7 + 3^3 + 5^3 + 5^3 + 24^0 = 27 + 33 + 53 + 53 + 240 \\
 406 &:= 2^8 + 3^4 + 4^1 + 4^3 + 26^0 = 28 + 34 + 41 + 43 + 260 \\
 406 &:= 3^0 + 3^0 + 8^2 + 12^2 + 14^2 = 30 + 30 + 82 + 122 + 142 \\
 406 &:= 3^0 + 4^2 + 7^0 + 8^2 + 18^2 = 30 + 42 + 70 + 82 + 182 \\
 406 &:= 3^0 + 7^2 + 7^3 + 11^0 + 12^1 = 30 + 72 + 73 + 110 + 121 \\
 406 &:= 3^1 + 5^1 + 6^2 + 7^0 + 19^2 = 31 + 51 + 62 + 70 + 192 \\
 406 &:= 4^0 + 4^2 + 6^0 + 8^2 + 18^2 = 40 + 42 + 60 + 82 + 182 \\
 406 &:= 4^0 + 7^2 + 7^3 + 10^0 + 12^1 = 40 + 72 + 73 + 100 + 121 \\
 406 &:= 4^1 + 4^1 + 6^2 + 7^0 + 19^2 = 41 + 41 + 62 + 70 + 192 \\
 406 &:= 4^2 + 5^0 + 5^0 + 8^2 + 18^2 = 42 + 50 + 50 + 82 + 182 \\
 406 &:= 5^0 + 7^2 + 7^3 + 9^0 + 12^1 = 50 + 72 + 73 + 90 + 121 \\
 406 &:= 6^0 + 7^2 + 7^3 + 8^0 + 12^1 = 60 + 72 + 73 + 80 + 121 \\
 406 &:= 7^0 + 7^0 + 7^2 + 7^3 + 12^1 = 70 + 70 + 72 + 73 + 121
 \end{aligned}$$

2.2.308 Number 407

$$\begin{aligned}
 407 &:= 1^1 + 3^4 + 18^0 + 18^2 = 11 + 34 + 180 + 182 \\
 407 &:= 1^3 + 9^2 + 12^0 + 18^2 = 13 + 92 + 120 + 182 \\
 407 &:= 1^4 + 5^1 + 14^0 + 20^2 = 14 + 51 + 140 + 202 \\
 407 &:= 1^8 + 2^6 + 18^1 + 18^2 = 18 + 26 + 181 + 182 \\
 407 &:= 4^4 + 6^1 + 12^2 + 18^0 = 44 + 61 + 122 + 180 \\
 407 &:= 5^2 + 5^3 + 14^0 + 16^2 = 52 + 53 + 140 + 162 \\
 407 &:= 1^0 + 1^3 + 2^2 + 16^0 + 20^2 = 10 + 13 + 22 + 160 + 202 \\
 407 &:= 1^0 + 1^4 + 4^1 + 14^0 + 20^2 = 10 + 14 + 41 + 140 + 202 \\
 407 &:= 1^0 + 1^8 + 2^6 + 17^1 + 18^2 = 10 + 18 + 26 + 171 + 182 \\
 407 &:= 1^0 + 2^3 + 6^2 + 12^0 + 19^2 = 10 + 23 + 62 + 120 + 192 \\
 407 &:= 1^0 + 4^4 + 5^1 + 12^2 + 18^0 = 10 + 44 + 51 + 122 + 180
 \end{aligned}$$

$$\begin{aligned}
 407 &:= 1^1 + 1^2 + 2^2 + 16^0 + 20^2 = 11 + 12 + 22 + 160 + 202 \\
 407 &:= 1^1 + 1^3 + 4^1 + 14^0 + 20^2 = 11 + 13 + 41 + 140 + 202 \\
 407 &:= 1^1 + 1^7 + 2^6 + 17^1 + 18^2 = 11 + 17 + 26 + 171 + 182 \\
 407 &:= 1^1 + 2^7 + 2^8 + 13^0 + 21^1 = 11 + 27 + 28 + 130 + 211 \\
 407 &:= 1^1 + 4^2 + 8^0 + 10^2 + 17^2 = 11 + 42 + 80 + 102 + 172 \\
 407 &:= 1^1 + 6^0 + 6^2 + 12^2 + 15^2 = 11 + 60 + 62 + 122 + 152 \\
 407 &:= 1^1 + 6^0 + 7^2 + 10^2 + 16^2 = 11 + 60 + 72 + 102 + 162 \\
 407 &:= 1^1 + 7^2 + 7^3 + 12^0 + 13^1 = 11 + 72 + 73 + 120 + 131 \\
 407 &:= 1^2 + 1^2 + 4^1 + 14^0 + 20^2 = 12 + 12 + 41 + 140 + 202 \\
 407 &:= 1^2 + 1^6 + 2^6 + 17^1 + 18^2 = 12 + 16 + 26 + 171 + 182 \\
 407 &:= 1^2 + 5^1 + 6^0 + 12^2 + 16^2 = 12 + 51 + 60 + 122 + 162
 \end{aligned}$$

$$\begin{aligned}407 &:= 1^2 + 6^0 + 6^2 + 8^1 + 19^2 = 12 + 60 + 62 + 81 + 192 \\407 &:= 1^3 + 1^5 + 2^6 + 17^1 + 18^2 = 13 + 15 + 26 + 171 + 182 \\407 &:= 1^3 + 2^0 + 2^2 + 15^0 + 20^2 = 13 + 20 + 22 + 150 + 202 \\407 &:= 1^3 + 2^1 + 3^1 + 14^0 + 20^2 = 13 + 21 + 31 + 140 + 202 \\407 &:= 1^3 + 2^2 + 3^0 + 14^0 + 20^2 = 13 + 22 + 30 + 140 + 202 \\407 &:= 1^3 + 2^2 + 4^0 + 13^0 + 20^2 = 13 + 22 + 40 + 130 + 202 \\407 &:= 1^3 + 2^2 + 5^0 + 12^0 + 20^2 = 13 + 22 + 50 + 120 + 202 \\407 &:= 1^3 + 2^2 + 6^0 + 11^0 + 20^2 = 13 + 22 + 60 + 110 + 202 \\407 &:= 1^3 + 2^2 + 7^0 + 10^0 + 20^2 = 13 + 22 + 70 + 100 + 202 \\407 &:= 1^3 + 2^2 + 8^0 + 9^0 + 20^2 = 13 + 22 + 80 + 90 + 202 \\407 &:= 1^3 + 2^8 + 3^3 + 10^2 + 23^1 = 13 + 28 + 33 + 102 + 231 \\407 &:= 1^4 + 1^4 + 2^6 + 17^1 + 18^2 = 14 + 14 + 26 + 171 + 182 \\407 &:= 1^4 + 1^9 + 2^2 + 15^0 + 20^2 = 14 + 19 + 22 + 150 + 202 \\407 &:= 1^4 + 2^0 + 4^1 + 13^0 + 20^2 = 14 + 20 + 41 + 130 + 202 \\407 &:= 1^4 + 2^7 + 3^4 + 14^2 + 19^0 = 14 + 27 + 34 + 142 + 190 \\407 &:= 1^4 + 2^7 + 4^3 + 14^2 + 18^1 = 14 + 27 + 43 + 142 + 181 \\407 &:= 1^4 + 2^8 + 7^2 + 9^2 + 20^1 = 14 + 28 + 72 + 92 + 201 \\407 &:= 1^4 + 3^0 + 4^1 + 12^0 + 20^2 = 14 + 30 + 41 + 120 + 202 \\407 &:= 1^4 + 4^0 + 4^1 + 11^0 + 20^2 = 14 + 40 + 41 + 110 + 202 \\407 &:= 1^4 + 4^1 + 5^0 + 10^0 + 20^2 = 14 + 41 + 50 + 100 + 202 \\407 &:= 1^4 + 4^1 + 6^0 + 9^0 + 20^2 = 14 + 41 + 60 + 90 + 202 \\407 &:= 1^4 + 4^1 + 7^0 + 8^0 + 20^2 = 14 + 41 + 70 + 80 + 202 \\407 &:= 1^5 + 1^8 + 2^2 + 15^0 + 20^2 = 15 + 18 + 22 + 150 + 202 \\407 &:= 1^5 + 1^9 + 4^1 + 13^0 + 20^2 = 15 + 19 + 41 + 130 + 202 \\407 &:= 1^5 + 2^2 + 2^7 + 16^2 + 18^1 = 15 + 22 + 27 + 162 + 181 \\407 &:= 1^5 + 2^6 + 5^3 + 6^3 + 25^0 = 15 + 26 + 53 + 63 + 250 \\407 &:= 1^5 + 2^7 + 11^2 + 12^2 + 13^1 = 15 + 27 + 112 + 122 + 131 \\407 &:= 1^5 + 2^7 + 4^4 + 11^0 + 21^1 = 15 + 27 + 44 + 110 + 211 \\407 &:= 1^5 + 2^8 + 5^3 + 7^0 + 24^1 = 15 + 28 + 53 + 70 + 241 \\407 &:= 1^5 + 2^8 + 7^2 + 10^2 + 19^0 = 15 + 28 + 72 + 102 + 190 \\407 &:= 1^6 + 1^7 + 2^2 + 15^0 + 20^2 = 16 + 17 + 22 + 150 + 202 \\407 &:= 1^6 + 1^8 + 4^1 + 13^0 + 20^2 = 16 + 18 + 41 + 130 + 202 \\407 &:= 1^6 + 2^2 + 2^5 + 7^3 + 27^1 = 16 + 22 + 25 + 73 + 271 \\407 &:= 1^6 + 2^7 + 9^2 + 13^0 + 14^2 = 16 + 27 + 92 + 130 + 142 \\407 &:= 1^6 + 2^8 + 5^1 + 12^2 + 19^0 = 16 + 28 + 51 + 122 + 190 \\407 &:= 1^6 + 3^4 + 3^5 + 9^2 + 23^0 = 16 + 34 + 35 + 92 + 230 \\407 &:= 1^7 + 1^7 + 4^1 + 13^0 + 20^2 = 17 + 17 + 41 + 130 + 202 \\407 &:= 1^7 + 2^1 + 2^6 + 16^1 + 18^2 = 17 + 21 + 26 + 161 + 182\end{aligned}$$

$$\begin{aligned}407 &:= 1^7 + 2^3 + 4^4 + 11^2 + 21^1 = 17 + 23 + 44 + 112 + 211 \\407 &:= 1^7 + 2^5 + 9^1 + 13^2 + 14^2 = 17 + 25 + 91 + 132 + 142 \\407 &:= 1^7 + 2^6 + 3^1 + 15^1 + 18^2 = 17 + 26 + 31 + 151 + 182 \\407 &:= 1^7 + 2^6 + 4^1 + 14^1 + 18^2 = 17 + 26 + 41 + 141 + 182 \\407 &:= 1^7 + 2^6 + 5^1 + 13^1 + 18^2 = 17 + 26 + 51 + 131 + 182 \\407 &:= 1^7 + 2^6 + 6^1 + 12^1 + 18^2 = 17 + 26 + 61 + 121 + 182 \\407 &:= 1^7 + 2^6 + 7^1 + 11^1 + 18^2 = 17 + 26 + 71 + 111 + 182 \\407 &:= 1^7 + 2^6 + 8^1 + 10^1 + 18^2 = 17 + 26 + 81 + 101 + 182 \\407 &:= 1^7 + 2^6 + 9^1 + 9^1 + 18^2 = 17 + 26 + 91 + 91 + 182 \\407 &:= 1^7 + 3^5 + 8^2 + 9^2 + 18^1 = 17 + 35 + 82 + 92 + 181 \\407 &:= 1^7 + 4^3 + 4^4 + 8^2 + 22^1 = 17 + 43 + 44 + 82 + 221 \\407 &:= 1^8 + 2^4 + 4^2 + 13^1 + 19^2 = 18 + 24 + 42 + 131 + 192 \\407 &:= 1^8 + 2^5 + 7^2 + 11^0 + 18^2 = 18 + 25 + 72 + 110 + 182 \\407 &:= 1^8 + 3^2 + 4^4 + 11^2 + 20^1 = 18 + 32 + 44 + 112 + 201 \\407 &:= 1^8 + 3^5 + 9^2 + 9^2 + 17^0 = 18 + 35 + 92 + 92 + 170 \\407 &:= 1^8 + 4^3 + 5^3 + 6^3 + 23^0 = 18 + 43 + 53 + 63 + 230 \\407 &:= 1^9 + 2^2 + 3^3 + 14^1 + 19^2 = 19 + 22 + 33 + 141 + 192 \\407 &:= 1^9 + 2^2 + 4^3 + 14^1 + 18^2 = 19 + 22 + 43 + 141 + 182 \\407 &:= 1^9 + 2^2 + 6^2 + 7^3 + 23^1 = 19 + 22 + 62 + 73 + 231 \\407 &:= 1^9 + 2^2 + 6^3 + 13^2 + 17^1 = 19 + 22 + 63 + 132 + 171 \\407 &:= 1^9 + 2^3 + 5^2 + 12^1 + 19^2 = 19 + 23 + 52 + 121 + 192 \\407 &:= 1^9 + 2^3 + 8^2 + 10^1 + 18^2 = 19 + 23 + 82 + 101 + 182 \\407 &:= 1^9 + 2^3 + 9^1 + 10^2 + 17^2 = 19 + 23 + 91 + 102 + 172 \\407 &:= 1^9 + 2^4 + 9^0 + 10^2 + 17^2 = 19 + 24 + 90 + 102 + 172 \\407 &:= 1^9 + 2^5 + 5^0 + 12^1 + 19^2 = 19 + 25 + 50 + 121 + 192 \\407 &:= 1^9 + 3^3 + 9^1 + 9^2 + 17^2 = 19 + 33 + 91 + 92 + 172 \\407 &:= 1^9 + 3^5 + 5^0 + 12^2 + 18^1 = 19 + 35 + 50 + 122 + 181 \\407 &:= 1^9 + 4^2 + 10^2 + 11^2 + 13^2 = 19 + 42 + 102 + 112 + 132 \\407 &:= 1^9 + 4^2 + 5^2 + 7^3 + 22^1 = 19 + 42 + 52 + 73 + 221 \\407 &:= 1^9 + 4^4 + 5^0 + 5^3 + 24^1 = 19 + 44 + 50 + 53 + 241 \\407 &:= 1^9 + 4^4 + 7^2 + 10^2 + 17^0 = 19 + 44 + 72 + 102 + 170 \\407 &:= 1^9 + 5^2 + 8^2 + 11^2 + 14^2 = 19 + 52 + 82 + 112 + 142 \\407 &:= 1^9 + 5^3 + 6^3 + 8^2 + 19^0 = 19 + 53 + 63 + 82 + 190 \\407 &:= 1^9 + 6^2 + 8^2 + 9^2 + 15^2 = 19 + 62 + 82 + 92 + 152 \\407 &:= 2^0 + 2^2 + 8^1 + 13^2 + 15^2 = 20 + 22 + 81 + 132 + 152 \\407 &:= 2^0 + 2^3 + 6^2 + 11^0 + 19^2 = 20 + 23 + 62 + 110 + 192 \\407 &:= 2^0 + 3^2 + 5^2 + 11^1 + 19^2 = 20 + 32 + 52 + 111 + 192 \\407 &:= 2^0 + 3^2 + 8^1 + 10^2 + 17^2 = 20 + 32 + 81 + 102 + 172\end{aligned}$$

$$\begin{aligned}
 407 &:= 2^0 + 3^2 + 8^2 + 9^1 + 18^2 = 20 + 32 + 82 + 91 + 182 \\
 407 &:= 2^0 + 4^1 + 8^2 + 13^2 + 13^2 = 20 + 41 + 82 + 132 + 132 \\
 407 &:= 2^0 + 4^4 + 5^1 + 12^2 + 17^0 = 20 + 44 + 51 + 122 + 170 \\
 407 &:= 2^0 + 5^1 + 6^2 + 13^2 + 14^2 = 20 + 51 + 62 + 132 + 142 \\
 407 &:= 2^0 + 5^1 + 8^2 + 9^2 + 16^2 = 20 + 51 + 82 + 92 + 162 \\
 407 &:= 2^0 + 5^2 + 7^2 + 8^1 + 18^2 = 20 + 52 + 72 + 81 + 182 \\
 407 &:= 2^1 + 2^2 + 8^0 + 12^2 + 16^2 = 21 + 22 + 80 + 122 + 162 \\
 407 &:= 2^1 + 2^7 + 2^8 + 13^0 + 20^1 = 21 + 27 + 28 + 130 + 201 \\
 407 &:= 2^1 + 4^0 + 8^2 + 12^2 + 14^2 = 21 + 40 + 82 + 122 + 142 \\
 407 &:= 2^1 + 4^2 + 8^0 + 8^2 + 18^2 = 21 + 42 + 80 + 82 + 182 \\
 407 &:= 2^1 + 7^2 + 7^3 + 12^0 + 12^1 = 21 + 72 + 73 + 120 + 121 \\
 407 &:= 2^2 + 2^5 + 2^7 + 15^2 + 18^1 = 22 + 25 + 27 + 152 + 181 \\
 407 &:= 2^2 + 5^1 + 6^2 + 8^0 + 19^2 = 22 + 51 + 62 + 80 + 192 \\
 407 &:= 2^3 + 3^0 + 6^2 + 10^0 + 19^2 = 23 + 30 + 62 + 100 + 192 \\
 407 &:= 2^3 + 4^0 + 6^2 + 9^0 + 19^2 = 23 + 40 + 62 + 90 + 192 \\
 407 &:= 2^3 + 5^0 + 6^2 + 8^0 + 19^2 = 23 + 50 + 62 + 80 + 192 \\
 407 &:= 2^3 + 6^0 + 6^2 + 7^0 + 19^2 = 23 + 60 + 62 + 70 + 192 \\
 407 &:= 2^4 + 2^7 + 3^5 + 13^0 + 19^1 = 24 + 27 + 35 + 130 + 191 \\
 407 &:= 2^4 + 2^8 + 3^2 + 5^3 + 27^0 = 24 + 28 + 32 + 53 + 270 \\
 407 &:= 2^5 + 2^5 + 4^4 + 8^2 + 23^1 = 25 + 25 + 44 + 82 + 231 \\
 407 &:= 2^5 + 2^6 + 5^3 + 13^2 + 17^1 = 25 + 26 + 53 + 132 + 171 \\
 407 &:= 2^5 + 2^7 + 5^3 + 11^2 + 19^0 = 25 + 27 + 53 + 112 + 190 \\
 407 &:= 2^5 + 2^7 + 6^2 + 14^2 + 15^1 = 25 + 27 + 62 + 142 + 151 \\
 407 &:= 2^5 + 2^7 + 8^2 + 13^2 + 14^1 = 25 + 27 + 82 + 132 + 141 \\
 407 &:= 2^5 + 3^4 + 3^5 + 5^2 + 26^1 = 25 + 34 + 35 + 52 + 261 \\
 407 &:= 2^6 + 2^6 + 4^4 + 9^0 + 22^1 = 26 + 26 + 44 + 90 + 221 \\
 407 &:= 2^6 + 2^8 + 5^0 + 8^2 + 22^1 = 26 + 28 + 50 + 82 + 221 \\
 407 &:= 2^6 + 2^8 + 5^1 + 9^2 + 21^0 = 26 + 28 + 51 + 92 + 210 \\
 407 &:= 2^6 + 3^2 + 3^5 + 4^3 + 27^1 = 26 + 32 + 35 + 43 + 271 \\
 407 &:= 2^6 + 3^3 + 3^5 + 7^2 + 24^1 = 26 + 33 + 35 + 72 + 241
 \end{aligned}$$

$$\begin{aligned}
 407 &:= 2^7 + 2^7 + 6^1 + 12^2 + 17^0 = 27 + 27 + 61 + 122 + 170 \\
 407 &:= 2^7 + 2^8 + 10^1 + 12^1 + 13^0 = 27 + 28 + 101 + 121 + 130 \\
 407 &:= 2^7 + 2^8 + 11^1 + 11^1 + 13^0 = 27 + 28 + 111 + 111 + 130 \\
 407 &:= 2^7 + 2^8 + 3^1 + 13^0 + 19^1 = 27 + 28 + 31 + 130 + 191 \\
 407 &:= 2^7 + 2^8 + 4^1 + 13^0 + 18^1 = 27 + 28 + 41 + 130 + 181 \\
 407 &:= 2^7 + 2^8 + 5^1 + 13^0 + 17^1 = 27 + 28 + 51 + 130 + 171 \\
 407 &:= 2^7 + 2^8 + 6^1 + 13^0 + 16^1 = 27 + 28 + 61 + 130 + 161 \\
 407 &:= 2^7 + 2^8 + 7^1 + 13^0 + 15^1 = 27 + 28 + 71 + 130 + 151 \\
 407 &:= 2^7 + 2^8 + 8^1 + 13^0 + 14^1 = 27 + 28 + 81 + 130 + 141 \\
 407 &:= 2^7 + 2^8 + 9^1 + 13^0 + 13^1 = 27 + 28 + 91 + 130 + 131 \\
 407 &:= 2^8 + 3^2 + 3^4 + 6^2 + 25^1 = 28 + 32 + 34 + 62 + 251 \\
 407 &:= 2^8 + 3^3 + 4^3 + 6^2 + 24^1 = 28 + 33 + 43 + 62 + 241 \\
 407 &:= 3^0 + 4^4 + 5^1 + 12^2 + 16^0 = 30 + 44 + 51 + 122 + 160 \\
 407 &:= 3^1 + 3^2 + 6^0 + 13^2 + 15^2 = 31 + 32 + 60 + 132 + 152 \\
 407 &:= 3^1 + 7^2 + 7^3 + 11^1 + 12^0 = 31 + 72 + 73 + 111 + 120 \\
 407 &:= 3^2 + 4^0 + 5^1 + 14^2 + 14^2 = 32 + 40 + 51 + 142 + 142 \\
 407 &:= 4^0 + 4^1 + 5^2 + 11^2 + 16^2 = 40 + 41 + 52 + 112 + 162 \\
 407 &:= 4^0 + 4^1 + 7^2 + 8^2 + 17^2 = 40 + 41 + 72 + 82 + 172 \\
 407 &:= 4^0 + 4^4 + 5^1 + 12^2 + 15^0 = 40 + 44 + 51 + 122 + 150 \\
 407 &:= 4^1 + 4^2 + 5^2 + 8^0 + 19^2 = 41 + 42 + 52 + 80 + 192 \\
 407 &:= 4^1 + 7^2 + 7^3 + 10^1 + 12^0 = 41 + 72 + 73 + 101 + 120 \\
 407 &:= 4^4 + 5^0 + 5^1 + 12^2 + 14^0 = 44 + 50 + 51 + 122 + 140 \\
 407 &:= 4^4 + 5^1 + 6^0 + 12^2 + 13^0 = 44 + 51 + 60 + 122 + 130 \\
 407 &:= 4^4 + 5^1 + 7^0 + 12^0 + 12^2 = 44 + 51 + 70 + 120 + 122 \\
 407 &:= 4^4 + 5^1 + 8^0 + 11^0 + 12^2 = 44 + 51 + 80 + 110 + 122 \\
 407 &:= 4^4 + 5^1 + 9^0 + 10^0 + 12^2 = 44 + 51 + 90 + 100 + 122 \\
 407 &:= 5^1 + 7^2 + 7^3 + 9^1 + 12^0 = 51 + 72 + 73 + 91 + 120 \\
 407 &:= 6^1 + 7^2 + 7^3 + 8^1 + 12^0 = 61 + 72 + 73 + 81 + 120 \\
 407 &:= 7^1 + 7^1 + 7^2 + 7^3 + 12^0 = 71 + 71 + 72 + 73 + 120
 \end{aligned}$$

2.2.309 Number 408

$$\begin{aligned}
 408 &:= 1^5 + 6^1 + 13^0 + 20^2 = 15 + 61 + 130 + 202 \\
 408 &:= 2^2 + 3^3 + 16^1 + 19^2 = 22 + 33 + 161 + 192 \\
 408 &:= 2^2 + 4^3 + 16^1 + 18^2 = 22 + 43 + 161 + 182 \\
 408 &:= 2^2 + 6^2 + 7^3 + 25^1 = 22 + 62 + 73 + 251 \\
 408 &:= 2^2 + 6^3 + 13^2 + 19^1 = 22 + 63 + 132 + 191
 \end{aligned}$$

$$\begin{aligned}
 408 &:= 2^3 + 10^2 + 11^1 + 17^2 = 23 + 102 + 111 + 172 \\
 408 &:= 2^3 + 5^2 + 14^1 + 19^2 = 23 + 52 + 141 + 192 \\
 408 &:= 2^3 + 8^2 + 12^1 + 18^2 = 23 + 82 + 121 + 182 \\
 408 &:= 2^5 + 5^0 + 14^1 + 19^2 = 25 + 50 + 141 + 192 \\
 408 &:= 3^3 + 9^2 + 11^1 + 17^2 = 33 + 92 + 111 + 172
 \end{aligned}$$

$$\begin{aligned}
 408 &:= 3^5 + 5^0 + 12^2 + 20^1 &= 35 + 50 + 122 + 201 \\
 408 &:= 4^2 + 5^2 + 7^3 + 24^1 &= 42 + 52 + 73 + 241 \\
 408 &:= 4^4 + 5^0 + 5^3 + 26^1 &= 44 + 50 + 53 + 261 \\
 408 &:= 8^2 + 10^2 + 10^2 + 12^2 &= 82 + 102 + 102 + 122 \\
 408 &:= 1^0 + 1^2 + 3^4 + 17^0 + 18^2 &= 10 + 12 + 34 + 170 + 182 \\
 408 &:= 1^0 + 1^4 + 9^2 + 11^0 + 18^2 &= 10 + 14 + 92 + 110 + 182 \\
 408 &:= 1^0 + 1^5 + 5^1 + 13^0 + 20^2 &= 10 + 15 + 51 + 130 + 202 \\
 408 &:= 1^0 + 2^2 + 3^3 + 15^1 + 19^2 &= 10 + 22 + 33 + 151 + 192 \\
 408 &:= 1^0 + 2^2 + 4^3 + 15^1 + 18^2 &= 10 + 22 + 43 + 151 + 182 \\
 408 &:= 1^0 + 2^2 + 6^2 + 7^3 + 24^1 &= 10 + 22 + 62 + 73 + 241 \\
 408 &:= 1^0 + 2^2 + 6^3 + 13^2 + 18^1 &= 10 + 22 + 63 + 132 + 181 \\
 408 &:= 1^0 + 2^3 + 10^1 + 10^2 + 17^2 &= 10 + 23 + 101 + 102 + 172 \\
 408 &:= 1^0 + 2^3 + 5^2 + 13^1 + 19^2 &= 10 + 23 + 52 + 131 + 192 \\
 408 &:= 1^0 + 2^3 + 8^2 + 11^1 + 18^2 &= 10 + 23 + 82 + 111 + 182 \\
 408 &:= 1^0 + 2^5 + 5^0 + 13^1 + 19^2 &= 10 + 25 + 50 + 131 + 192 \\
 408 &:= 1^0 + 3^3 + 6^2 + 7^3 + 23^0 &= 10 + 33 + 62 + 73 + 230 \\
 408 &:= 1^0 + 3^3 + 9^2 + 10^1 + 17^2 &= 10 + 33 + 92 + 101 + 172 \\
 408 &:= 1^0 + 3^4 + 10^2 + 11^0 + 15^2 &= 10 + 34 + 102 + 110 + 152 \\
 408 &:= 1^0 + 3^4 + 6^2 + 13^0 + 17^2 &= 10 + 34 + 62 + 130 + 172 \\
 408 &:= 1^0 + 3^5 + 5^0 + 12^2 + 19^1 &= 10 + 35 + 50 + 122 + 191 \\
 408 &:= 1^0 + 4^2 + 5^2 + 7^3 + 23^1 &= 10 + 42 + 52 + 73 + 231 \\
 408 &:= 1^0 + 4^4 + 5^0 + 5^3 + 25^1 &= 10 + 44 + 50 + 53 + 251 \\
 408 &:= 1^0 + 6^2 + 9^2 + 11^2 + 13^2 &= 10 + 62 + 92 + 112 + 132 \\
 408 &:= 1^0 + 7^2 + 9^2 + 9^2 + 14^2 &= 10 + 72 + 92 + 92 + 142 \\
 408 &:= 1^1 + 1^1 + 3^4 + 17^0 + 18^2 &= 11 + 11 + 34 + 170 + 182 \\
 408 &:= 1^1 + 1^3 + 9^2 + 11^0 + 18^2 &= 11 + 13 + 92 + 110 + 182 \\
 408 &:= 1^1 + 1^4 + 5^1 + 13^0 + 20^2 &= 11 + 14 + 51 + 130 + 202 \\
 408 &:= 1^1 + 2^2 + 9^1 + 13^2 + 15^2 &= 11 + 22 + 91 + 132 + 152 \\
 408 &:= 1^1 + 3^2 + 5^2 + 12^1 + 19^2 &= 11 + 32 + 52 + 121 + 192 \\
 408 &:= 1^1 + 3^2 + 8^2 + 10^1 + 18^2 &= 11 + 32 + 82 + 101 + 182 \\
 408 &:= 1^1 + 3^2 + 9^1 + 10^2 + 17^2 &= 11 + 32 + 91 + 102 + 172 \\
 408 &:= 1^1 + 4^4 + 6^1 + 12^2 + 17^0 &= 11 + 44 + 61 + 122 + 170 \\
 408 &:= 1^1 + 5^1 + 8^2 + 13^2 + 13^2 &= 11 + 51 + 82 + 132 + 132 \\
 408 &:= 1^1 + 5^2 + 5^3 + 13^0 + 16^2 &= 11 + 52 + 53 + 130 + 162 \\
 408 &:= 1^1 + 5^2 + 7^2 + 9^1 + 18^2 &= 11 + 52 + 72 + 91 + 182 \\
 408 &:= 1^1 + 6^1 + 6^2 + 13^2 + 14^2 &= 11 + 61 + 62 + 132 + 142 \\
 408 &:= 1^1 + 6^1 + 8^2 + 9^2 + 16^2 &= 11 + 61 + 82 + 92 + 162 \\
 408 &:= 1^2 + 1^2 + 9^2 + 11^0 + 18^2 &= 12 + 12 + 92 + 110 + 182
 \end{aligned}$$

$$\begin{aligned}
 408 &:= 1^2 + 1^3 + 5^1 + 13^0 + 20^2 &= 12 + 13 + 51 + 130 + 202 \\
 408 &:= 1^2 + 2^0 + 3^4 + 16^0 + 18^2 &= 12 + 20 + 34 + 160 + 182 \\
 408 &:= 1^2 + 2^7 + 2^8 + 12^0 + 22^1 &= 12 + 27 + 28 + 120 + 221 \\
 408 &:= 1^2 + 3^0 + 3^4 + 15^0 + 18^2 &= 12 + 30 + 34 + 150 + 182 \\
 408 &:= 1^2 + 3^2 + 6^2 + 11^0 + 19^2 &= 12 + 32 + 62 + 110 + 192 \\
 408 &:= 1^2 + 3^4 + 4^0 + 14^0 + 18^2 &= 12 + 34 + 40 + 140 + 182 \\
 408 &:= 1^2 + 3^4 + 5^0 + 13^0 + 18^2 &= 12 + 34 + 50 + 130 + 182 \\
 408 &:= 1^2 + 3^4 + 6^0 + 12^0 + 18^2 &= 12 + 34 + 60 + 120 + 182 \\
 408 &:= 1^2 + 3^4 + 7^0 + 11^0 + 18^2 &= 12 + 34 + 70 + 110 + 182 \\
 408 &:= 1^2 + 3^4 + 8^0 + 10^0 + 18^2 &= 12 + 34 + 80 + 100 + 182 \\
 408 &:= 1^2 + 3^4 + 9^0 + 9^0 + 18^2 &= 12 + 34 + 90 + 90 + 182 \\
 408 &:= 1^2 + 5^0 + 9^2 + 10^2 + 15^2 &= 12 + 50 + 92 + 102 + 152 \\
 408 &:= 1^2 + 6^2 + 7^0 + 9^2 + 17^2 &= 12 + 62 + 70 + 92 + 172 \\
 408 &:= 1^2 + 7^2 + 7^3 + 11^0 + 14^1 &= 12 + 72 + 73 + 110 + 141 \\
 408 &:= 1^3 + 1^9 + 3^4 + 16^0 + 18^2 &= 13 + 19 + 34 + 160 + 182 \\
 408 &:= 1^3 + 2^1 + 2^2 + 15^0 + 20^2 &= 13 + 21 + 22 + 150 + 202 \\
 408 &:= 1^3 + 5^0 + 6^1 + 12^2 + 16^2 &= 13 + 50 + 61 + 122 + 162 \\
 408 &:= 1^3 + 5^0 + 6^2 + 9^1 + 19^2 &= 13 + 50 + 62 + 91 + 192 \\
 408 &:= 1^4 + 1^8 + 3^4 + 16^0 + 18^2 &= 14 + 18 + 34 + 160 + 182 \\
 408 &:= 1^4 + 2^0 + 9^2 + 10^0 + 18^2 &= 14 + 20 + 92 + 100 + 182 \\
 408 &:= 1^4 + 2^1 + 4^1 + 13^0 + 20^2 &= 14 + 21 + 41 + 130 + 202 \\
 408 &:= 1^4 + 3^0 + 9^0 + 9^2 + 18^2 &= 14 + 30 + 90 + 92 + 182 \\
 408 &:= 1^4 + 3^1 + 3^1 + 13^0 + 20^2 &= 14 + 31 + 31 + 130 + 202 \\
 408 &:= 1^4 + 4^0 + 8^0 + 9^2 + 18^2 &= 14 + 40 + 80 + 92 + 182 \\
 408 &:= 1^4 + 5^0 + 7^0 + 9^2 + 18^2 &= 14 + 50 + 70 + 92 + 182 \\
 408 &:= 1^4 + 6^0 + 6^0 + 9^2 + 18^2 &= 14 + 60 + 60 + 92 + 182 \\
 408 &:= 1^5 + 1^7 + 3^4 + 16^0 + 18^2 &= 15 + 17 + 34 + 160 + 182 \\
 408 &:= 1^5 + 1^9 + 9^2 + 10^0 + 18^2 &= 15 + 19 + 92 + 100 + 182 \\
 408 &:= 1^5 + 2^0 + 5^1 + 12^0 + 20^2 &= 15 + 20 + 51 + 120 + 202 \\
 408 &:= 1^5 + 2^8 + 5^2 + 5^3 + 26^0 &= 15 + 28 + 52 + 53 + 260 \\
 408 &:= 1^5 + 3^0 + 5^1 + 11^0 + 20^2 &= 15 + 30 + 51 + 110 + 202 \\
 408 &:= 1^5 + 4^0 + 5^1 + 10^0 + 20^2 &= 15 + 40 + 51 + 100 + 202 \\
 408 &:= 1^5 + 5^0 + 5^1 + 9^0 + 20^2 &= 15 + 50 + 51 + 90 + 202 \\
 408 &:= 1^5 + 5^1 + 6^0 + 8^0 + 20^2 &= 15 + 51 + 60 + 80 + 202 \\
 408 &:= 1^5 + 5^1 + 7^0 + 7^0 + 20^2 &= 15 + 51 + 70 + 70 + 202 \\
 408 &:= 1^6 + 1^6 + 3^4 + 16^0 + 18^2 &= 16 + 16 + 34 + 160 + 182 \\
 408 &:= 1^6 + 1^8 + 9^2 + 10^0 + 18^2 &= 16 + 18 + 92 + 100 + 182 \\
 408 &:= 1^6 + 1^9 + 5^1 + 12^0 + 20^2 &= 16 + 19 + 51 + 120 + 202
 \end{aligned}$$

$$\begin{aligned}408 &:= 1^6 + 2^7 + 4^4 + 10^0 + 22^1 = 16 + 27 + 44 + 100 + 221 \\408 &:= 1^6 + 2^8 + 5^3 + 6^0 + 25^1 = 16 + 28 + 53 + 60 + 251 \\408 &:= 1^7 + 1^7 + 9^2 + 10^0 + 18^2 = 17 + 17 + 92 + 100 + 182 \\408 &:= 1^7 + 1^8 + 5^1 + 12^0 + 20^2 = 17 + 18 + 51 + 120 + 202 \\408 &:= 1^7 + 2^8 + 6^1 + 12^2 + 18^0 = 17 + 28 + 61 + 122 + 180 \\408 &:= 1^9 + 4^4 + 5^2 + 5^3 + 24^0 = 19 + 44 + 52 + 53 + 240 \\408 &:= 2^0 + 2^5 + 4^0 + 13^1 + 19^2 = 20 + 25 + 40 + 131 + 192 \\408 &:= 2^0 + 3^3 + 6^2 + 7^3 + 22^0 = 20 + 33 + 62 + 73 + 220 \\408 &:= 2^0 + 3^4 + 10^0 + 10^2 + 15^2 = 20 + 34 + 100 + 102 + 152 \\408 &:= 2^0 + 3^4 + 6^2 + 12^0 + 17^2 = 20 + 34 + 62 + 120 + 172 \\408 &:= 2^0 + 3^5 + 4^0 + 12^2 + 19^1 = 20 + 35 + 40 + 122 + 191 \\408 &:= 2^0 + 4^0 + 4^4 + 5^3 + 25^1 = 20 + 40 + 44 + 53 + 251 \\408 &:= 2^1 + 2^2 + 8^1 + 13^2 + 15^2 = 21 + 22 + 81 + 132 + 152 \\408 &:= 2^1 + 2^3 + 6^2 + 11^0 + 19^2 = 21 + 23 + 62 + 110 + 192 \\408 &:= 2^1 + 3^2 + 5^2 + 11^1 + 19^2 = 21 + 32 + 52 + 111 + 192 \\408 &:= 2^1 + 3^2 + 8^1 + 10^2 + 17^2 = 21 + 32 + 81 + 102 + 172 \\408 &:= 2^1 + 3^2 + 8^2 + 9^1 + 18^2 = 21 + 32 + 82 + 91 + 182 \\408 &:= 2^1 + 4^1 + 8^2 + 13^2 + 13^2 = 21 + 41 + 82 + 132 + 132 \\408 &:= 2^1 + 4^4 + 5^1 + 12^2 + 17^0 = 21 + 44 + 51 + 122 + 170 \\408 &:= 2^1 + 5^1 + 6^2 + 13^2 + 14^2 = 21 + 51 + 62 + 132 + 142 \\408 &:= 2^1 + 5^1 + 8^2 + 9^2 + 16^2 = 21 + 51 + 82 + 92 + 162 \\408 &:= 2^1 + 5^2 + 7^2 + 8^1 + 18^2 = 21 + 52 + 72 + 81 + 182 \\408 &:= 2^2 + 2^7 + 2^8 + 14^0 + 19^1 = 22 + 27 + 28 + 140 + 191 \\408 &:= 2^2 + 3^1 + 7^1 + 13^2 + 15^2 = 22 + 31 + 71 + 132 + 152 \\408 &:= 2^2 + 3^2 + 7^0 + 13^2 + 15^2 = 22 + 32 + 70 + 132 + 152 \\408 &:= 2^2 + 4^1 + 6^1 + 13^2 + 15^2 = 22 + 41 + 61 + 132 + 152 \\408 &:= 2^2 + 5^1 + 5^1 + 13^2 + 15^2 = 22 + 51 + 51 + 132 + 152 \\408 &:= 2^2 + 7^2 + 7^3 + 11^1 + 13^0 = 22 + 72 + 73 + 111 + 130 \\408 &:= 2^3 + 3^0 + 7^1 + 14^2 + 14^2 = 23 + 30 + 71 + 142 + 142 \\408 &:= 2^3 + 5^0 + 5^1 + 13^2 + 15^2 = 23 + 50 + 51 + 132 + 152 \\408 &:= 2^5 + 3^0 + 3^0 + 13^1 + 19^2 = 25 + 30 + 30 + 131 + 192 \\408 &:= 2^6 + 2^8 + 4^3 + 8^0 + 23^1 = 26 + 28 + 43 + 80 + 231 \\408 &:= 2^7 + 2^7 + 4^0 + 5^3 + 26^1 = 27 + 27 + 40 + 53 + 261 \\408 &:= 2^7 + 2^8 + 3^2 + 14^1 + 18^0 = 27 + 28 + 32 + 141 + 180 \\408 &:= 2^7 + 2^8 + 4^2 + 7^1 + 24^0 = 27 + 28 + 42 + 71 + 240 \\408 &:= 3^0 + 3^0 + 3^5 + 12^2 + 19^1 = 30 + 30 + 35 + 122 + 191 \\408 &:= 3^0 + 3^0 + 4^4 + 5^3 + 25^1 = 30 + 30 + 44 + 53 + 251 \\408 &:= 3^0 + 3^2 + 9^2 + 11^2 + 14^2 = 30 + 32 + 92 + 112 + 142\end{aligned}$$

$$\begin{aligned}408 &:= 3^0 + 3^3 + 6^2 + 7^3 + 21^0 = 30 + 33 + 62 + 73 + 210 \\408 &:= 3^0 + 3^4 + 6^2 + 11^0 + 17^2 = 30 + 34 + 62 + 110 + 172 \\408 &:= 3^0 + 3^4 + 9^0 + 10^2 + 15^2 = 30 + 34 + 90 + 102 + 152 \\408 &:= 3^0 + 5^2 + 6^2 + 11^2 + 15^2 = 30 + 52 + 62 + 112 + 152 \\408 &:= 3^1 + 3^1 + 8^2 + 13^2 + 13^2 = 31 + 31 + 82 + 132 + 132 \\408 &:= 3^1 + 3^2 + 5^2 + 10^1 + 19^2 = 31 + 32 + 52 + 101 + 192 \\408 &:= 3^1 + 3^2 + 7^1 + 10^2 + 17^2 = 31 + 32 + 71 + 102 + 172 \\408 &:= 3^1 + 3^2 + 8^1 + 8^2 + 18^2 = 31 + 32 + 81 + 82 + 182 \\408 &:= 3^1 + 3^3 + 4^2 + 11^0 + 19^2 = 31 + 33 + 42 + 110 + 192 \\408 &:= 3^1 + 3^3 + 7^0 + 11^2 + 16^2 = 31 + 33 + 70 + 112 + 162 \\408 &:= 3^1 + 4^1 + 4^4 + 12^2 + 17^0 = 31 + 41 + 44 + 122 + 170 \\408 &:= 3^1 + 4^1 + 6^2 + 13^2 + 14^2 = 31 + 41 + 62 + 132 + 142 \\408 &:= 3^1 + 4^1 + 8^2 + 9^2 + 16^2 = 31 + 41 + 82 + 92 + 162 \\408 &:= 3^1 + 4^2 + 4^3 + 11^0 + 18^2 = 31 + 42 + 43 + 110 + 182 \\408 &:= 3^1 + 4^3 + 7^0 + 12^2 + 14^2 = 31 + 43 + 70 + 122 + 142 \\408 &:= 3^1 + 5^2 + 6^2 + 7^3 + 19^0 = 31 + 52 + 62 + 73 + 190 \\408 &:= 3^1 + 5^2 + 7^1 + 7^2 + 18^2 = 31 + 52 + 71 + 72 + 182 \\408 &:= 3^2 + 3^2 + 7^0 + 10^2 + 17^2 = 32 + 32 + 70 + 102 + 172 \\408 &:= 3^2 + 3^3 + 5^0 + 10^1 + 19^2 = 32 + 33 + 50 + 101 + 192 \\408 &:= 3^2 + 4^1 + 5^2 + 9^1 + 19^2 = 32 + 41 + 52 + 91 + 192 \\408 &:= 3^2 + 4^1 + 6^1 + 10^2 + 17^2 = 32 + 41 + 61 + 102 + 172 \\408 &:= 3^2 + 4^1 + 7^1 + 8^2 + 18^2 = 32 + 41 + 71 + 82 + 182 \\408 &:= 3^2 + 4^3 + 5^0 + 10^1 + 18^2 = 32 + 43 + 50 + 101 + 182 \\408 &:= 3^2 + 5^0 + 6^2 + 7^3 + 19^1 = 32 + 50 + 62 + 73 + 191 \\408 &:= 3^2 + 5^0 + 6^3 + 13^1 + 13^2 = 32 + 50 + 63 + 131 + 132 \\408 &:= 3^2 + 5^1 + 5^1 + 10^2 + 17^2 = 32 + 51 + 51 + 102 + 172 \\408 &:= 3^2 + 5^1 + 5^2 + 8^1 + 19^2 = 32 + 51 + 52 + 81 + 192 \\408 &:= 3^2 + 5^1 + 6^1 + 8^2 + 18^2 = 32 + 51 + 61 + 82 + 182 \\408 &:= 3^2 + 5^2 + 6^1 + 7^1 + 19^2 = 32 + 52 + 61 + 71 + 192 \\408 &:= 3^2 + 5^2 + 7^0 + 7^2 + 18^2 = 32 + 52 + 70 + 72 + 182 \\408 &:= 3^2 + 6^1 + 7^2 + 7^3 + 17^0 = 32 + 61 + 72 + 73 + 170 \\408 &:= 3^3 + 4^0 + 6^2 + 7^3 + 20^0 = 33 + 40 + 62 + 73 + 200 \\408 &:= 3^3 + 5^0 + 6^2 + 7^3 + 19^0 = 33 + 50 + 62 + 73 + 190 \\408 &:= 3^3 + 5^0 + 7^1 + 7^2 + 18^2 = 33 + 50 + 71 + 72 + 182 \\408 &:= 3^3 + 6^0 + 6^2 + 7^3 + 18^0 = 33 + 60 + 62 + 73 + 180 \\408 &:= 3^3 + 6^2 + 7^0 + 7^3 + 17^0 = 33 + 62 + 70 + 73 + 170 \\408 &:= 3^3 + 6^2 + 7^3 + 10^0 + 14^0 = 33 + 62 + 73 + 100 + 140 \\408 &:= 3^3 + 6^2 + 7^3 + 11^0 + 13^0 = 33 + 62 + 73 + 110 + 130\end{aligned}$$

$$\begin{aligned}
 408 &:= 3^3 + 6^2 + 7^3 + 12^0 + 12^0 = 33 + 62 + 73 + 120 + 120 \\
 408 &:= 3^3 + 6^2 + 7^3 + 8^0 + 16^0 = 33 + 62 + 73 + 80 + 160 \\
 408 &:= 3^3 + 6^2 + 7^3 + 9^0 + 15^0 = 33 + 62 + 73 + 90 + 150 \\
 408 &:= 3^4 + 4^0 + 6^2 + 10^0 + 17^2 = 34 + 40 + 62 + 100 + 172 \\
 408 &:= 3^4 + 4^0 + 8^0 + 10^2 + 15^2 = 34 + 40 + 80 + 102 + 152 \\
 408 &:= 3^4 + 5^0 + 6^2 + 9^0 + 17^2 = 34 + 50 + 62 + 90 + 172 \\
 408 &:= 3^4 + 5^0 + 7^0 + 10^2 + 15^2 = 34 + 50 + 70 + 102 + 152 \\
 408 &:= 3^4 + 6^0 + 6^0 + 10^2 + 15^2 = 34 + 60 + 60 + 102 + 152 \\
 408 &:= 3^4 + 6^0 + 6^2 + 8^0 + 17^2 = 34 + 60 + 62 + 80 + 172 \\
 408 &:= 3^4 + 6^2 + 7^0 + 7^0 + 17^2 = 34 + 62 + 70 + 70 + 172 \\
 408 &:= 4^1 + 5^2 + 6^1 + 7^2 + 18^2 = 41 + 52 + 61 + 72 + 182 \\
 408 &:= 4^2 + 5^0 + 5^3 + 10^1 + 16^2 = 42 + 50 + 53 + 101 + 162 \\
 408 &:= 4^2 + 6^1 + 6^3 + 11^0 + 13^2 = 42 + 61 + 63 + 110 + 132
 \end{aligned}$$

$$\begin{aligned}
 408 &:= 4^2 + 6^2 + 7^3 + 11^0 + 12^1 = 42 + 62 + 73 + 110 + 121 \\
 408 &:= 4^3 + 5^0 + 5^1 + 13^2 + 13^2 = 43 + 50 + 51 + 132 + 132 \\
 408 &:= 4^3 + 5^0 + 6^1 + 9^2 + 16^2 = 43 + 50 + 61 + 92 + 162 \\
 408 &:= 4^3 + 5^1 + 7^0 + 7^2 + 17^2 = 43 + 51 + 70 + 72 + 172 \\
 408 &:= 5^0 + 5^3 + 7^2 + 8^1 + 15^2 = 50 + 53 + 72 + 81 + 152 \\
 408 &:= 5^0 + 6^2 + 6^3 + 11^1 + 12^2 = 50 + 62 + 63 + 111 + 122 \\
 408 &:= 5^0 + 6^3 + 9^2 + 10^1 + 10^2 = 50 + 63 + 92 + 101 + 102 \\
 408 &:= 5^1 + 5^1 + 5^2 + 7^2 + 18^2 = 51 + 51 + 52 + 72 + 182 \\
 408 &:= 5^1 + 5^3 + 7^0 + 9^2 + 14^2 = 51 + 53 + 70 + 92 + 142 \\
 408 &:= 5^2 + 5^2 + 7^3 + 9^0 + 14^1 = 52 + 52 + 73 + 90 + 141 \\
 408 &:= 6^1 + 6^3 + 8^2 + 9^0 + 11^2 = 61 + 63 + 82 + 90 + 112
 \end{aligned}$$

2.2.310 Number 409

$$\begin{aligned}
 409 &:= 1^0 + 2^6 + 7^3 + 30^0 = 10 + 26 + 73 + 300 \\
 409 &:= 1^3 + 4^3 + 7^3 + 28^0 = 13 + 43 + 73 + 280 \\
 409 &:= 1^4 + 7^3 + 8^2 + 24^0 = 14 + 73 + 82 + 240 \\
 409 &:= 1^6 + 7^1 + 12^0 + 20^2 = 16 + 71 + 120 + 202 \\
 409 &:= 2^0 + 2^6 + 7^3 + 29^0 = 20 + 26 + 73 + 290 \\
 409 &:= 2^3 + 4^4 + 12^2 + 22^0 = 23 + 44 + 122 + 220 \\
 409 &:= 2^4 + 7^2 + 7^3 + 24^0 = 24 + 72 + 73 + 240 \\
 409 &:= 2^6 + 3^0 + 7^3 + 28^0 = 26 + 30 + 73 + 280 \\
 409 &:= 2^6 + 4^0 + 7^3 + 27^0 = 26 + 40 + 73 + 270 \\
 409 &:= 2^6 + 5^0 + 7^3 + 26^0 = 26 + 50 + 73 + 260 \\
 409 &:= 2^6 + 6^0 + 7^3 + 25^0 = 26 + 60 + 73 + 250 \\
 409 &:= 2^6 + 7^0 + 7^3 + 24^0 = 26 + 70 + 73 + 240 \\
 409 &:= 2^6 + 7^3 + 10^0 + 21^0 = 26 + 73 + 100 + 210 \\
 409 &:= 2^6 + 7^3 + 11^0 + 20^0 = 26 + 73 + 110 + 200 \\
 409 &:= 2^6 + 7^3 + 12^0 + 19^0 = 26 + 73 + 120 + 190 \\
 409 &:= 2^6 + 7^3 + 13^0 + 18^0 = 26 + 73 + 130 + 180 \\
 409 &:= 2^6 + 7^3 + 14^0 + 17^0 = 26 + 73 + 140 + 170 \\
 409 &:= 2^6 + 7^3 + 15^0 + 16^0 = 26 + 73 + 150 + 160 \\
 409 &:= 2^6 + 7^3 + 8^0 + 23^0 = 26 + 73 + 80 + 230 \\
 409 &:= 2^6 + 7^3 + 9^0 + 22^0 = 26 + 73 + 90 + 220 \\
 409 &:= 1^0 + 1^6 + 6^1 + 12^0 + 20^2 = 10 + 16 + 61 + 120 + 202 \\
 409 &:= 1^0 + 3^5 + 8^2 + 10^2 + 18^0 = 10 + 35 + 82 + 102 + 180 \\
 409 &:= 1^1 + 1^5 + 6^1 + 12^0 + 20^2 = 11 + 15 + 61 + 120 + 202
 \end{aligned}$$

$$\begin{aligned}
 409 &:= 1^1 + 2^5 + 4^0 + 14^1 + 19^2 = 11 + 25 + 40 + 141 + 192 \\
 409 &:= 1^1 + 3^5 + 4^0 + 12^2 + 20^1 = 11 + 35 + 40 + 122 + 201 \\
 409 &:= 1^1 + 4^0 + 4^4 + 5^3 + 26^1 = 11 + 40 + 44 + 53 + 261 \\
 409 &:= 1^2 + 1^4 + 6^1 + 12^0 + 20^2 = 12 + 14 + 61 + 120 + 202 \\
 409 &:= 1^2 + 2^1 + 3^4 + 16^0 + 18^2 = 12 + 21 + 34 + 160 + 182 \\
 409 &:= 1^2 + 4^4 + 7^1 + 12^2 + 16^0 = 12 + 44 + 71 + 122 + 160 \\
 409 &:= 1^3 + 1^3 + 6^1 + 12^0 + 20^2 = 13 + 13 + 61 + 120 + 202 \\
 409 &:= 1^3 + 2^6 + 2^7 + 14^2 + 20^1 = 13 + 26 + 27 + 142 + 201 \\
 409 &:= 1^3 + 2^7 + 2^8 + 11^0 + 23^1 = 13 + 27 + 28 + 110 + 231 \\
 409 &:= 1^3 + 7^2 + 7^3 + 10^0 + 15^1 = 13 + 72 + 73 + 100 + 151 \\
 409 &:= 1^4 + 2^1 + 9^2 + 10^0 + 18^2 = 14 + 21 + 92 + 100 + 182 \\
 409 &:= 1^4 + 2^2 + 3^1 + 14^0 + 20^2 = 14 + 22 + 31 + 140 + 202 \\
 409 &:= 1^4 + 4^0 + 6^2 + 10^1 + 19^2 = 14 + 40 + 62 + 101 + 192 \\
 409 &:= 1^4 + 4^0 + 7^1 + 12^2 + 16^2 = 14 + 40 + 71 + 122 + 162 \\
 409 &:= 1^5 + 2^1 + 5^1 + 12^0 + 20^2 = 15 + 21 + 51 + 120 + 202 \\
 409 &:= 1^5 + 2^3 + 2^8 + 11^2 + 23^1 = 15 + 23 + 28 + 112 + 231 \\
 409 &:= 1^5 + 2^7 + 3^5 + 6^2 + 27^0 = 15 + 27 + 35 + 62 + 270 \\
 409 &:= 1^5 + 2^8 + 4^3 + 8^2 + 24^1 = 15 + 28 + 43 + 82 + 241 \\
 409 &:= 1^5 + 3^1 + 4^1 + 12^0 + 20^2 = 15 + 31 + 41 + 120 + 202 \\
 409 &:= 1^6 + 2^0 + 6^1 + 11^0 + 20^2 = 16 + 20 + 61 + 110 + 202 \\
 409 &:= 1^6 + 2^5 + 2^5 + 7^3 + 27^0 = 16 + 25 + 25 + 73 + 270 \\
 409 &:= 1^6 + 2^6 + 3^5 + 10^2 + 23^0 = 16 + 26 + 35 + 102 + 230 \\
 409 &:= 1^6 + 2^6 + 4^4 + 8^2 + 24^1 = 16 + 26 + 44 + 82 + 241
 \end{aligned}$$

$$\begin{aligned} 409 &:= 1^6 + 2^8 + 3^2 + 11^2 + 22^1 = 16 + 28 + 32 + 112 + 221 \\ 409 &:= 1^6 + 3^0 + 6^1 + 10^0 + 20^2 = 16 + 30 + 61 + 100 + 202 \\ 409 &:= 1^6 + 4^0 + 6^1 + 9^0 + 20^2 = 16 + 40 + 61 + 90 + 202 \\ 409 &:= 1^6 + 5^0 + 6^1 + 8^0 + 20^2 = 16 + 50 + 61 + 80 + 202 \\ 409 &:= 1^6 + 6^0 + 6^1 + 7^0 + 20^2 = 16 + 60 + 61 + 70 + 202 \\ 409 &:= 1^7 + 1^9 + 6^1 + 11^0 + 20^2 = 17 + 19 + 61 + 110 + 202 \\ 409 &:= 1^7 + 2^7 + 4^4 + 9^0 + 23^1 = 17 + 27 + 44 + 90 + 231 \\ 409 &:= 1^7 + 2^8 + 5^0 + 5^3 + 26^1 = 17 + 28 + 50 + 53 + 261 \\ 409 &:= 1^8 + 1^8 + 6^1 + 11^0 + 20^2 = 18 + 18 + 61 + 110 + 202 \\ 409 &:= 1^8 + 2^2 + 2^6 + 16^1 + 18^2 = 18 + 22 + 26 + 161 + 182 \\ 409 &:= 1^8 + 2^4 + 2^4 + 15^1 + 19^2 = 18 + 24 + 24 + 151 + 192 \\ 409 &:= 1^8 + 2^8 + 7^1 + 12^2 + 17^0 = 18 + 28 + 71 + 122 + 170 \\ 409 &:= 1^9 + 2^4 + 5^2 + 7^3 + 24^1 = 19 + 24 + 52 + 73 + 241 \\ 409 &:= 1^9 + 3^5 + 4^3 + 10^2 + 21^0 = 19 + 35 + 43 + 102 + 210 \\ 409 &:= 1^9 + 3^5 + 5^2 + 11^2 + 19^1 = 19 + 35 + 52 + 112 + 191 \\ 409 &:= 2^0 + 3^4 + 10^1 + 11^2 + 14^2 = 20 + 34 + 101 + 112 + 142 \\ 409 &:= 2^0 + 3^4 + 5^2 + 13^1 + 17^2 = 20 + 34 + 52 + 131 + 172 \\ 409 &:= 2^0 + 3^5 + 8^2 + 10^2 + 17^0 = 20 + 35 + 82 + 102 + 170 \\ 409 &:= 2^1 + 2^5 + 4^0 + 13^1 + 19^2 = 21 + 25 + 40 + 131 + 192 \\ 409 &:= 2^1 + 3^3 + 6^2 + 7^3 + 22^0 = 21 + 33 + 62 + 73 + 220 \\ 409 &:= 2^1 + 3^4 + 10^0 + 10^2 + 15^2 = 21 + 34 + 100 + 102 + 152 \\ 409 &:= 2^1 + 3^4 + 6^2 + 12^0 + 17^2 = 21 + 34 + 62 + 120 + 172 \\ 409 &:= 2^1 + 3^5 + 4^0 + 12^2 + 19^1 = 21 + 35 + 40 + 122 + 191 \\ 409 &:= 2^1 + 4^0 + 4^4 + 5^3 + 25^1 = 21 + 40 + 44 + 53 + 251 \\ 409 &:= 2^2 + 3^3 + 4^2 + 12^0 + 19^2 = 22 + 33 + 42 + 120 + 192 \\ 409 &:= 2^2 + 3^3 + 8^0 + 11^2 + 16^2 = 22 + 33 + 80 + 112 + 162 \\ 409 &:= 2^2 + 4^1 + 4^4 + 12^2 + 18^0 = 22 + 41 + 44 + 122 + 180 \\ 409 &:= 2^2 + 4^2 + 4^3 + 12^0 + 18^2 = 22 + 42 + 43 + 120 + 182 \\ 409 &:= 2^2 + 4^3 + 8^0 + 12^2 + 14^2 = 22 + 43 + 80 + 122 + 142 \\ 409 &:= 2^2 + 5^2 + 6^2 + 7^3 + 20^0 = 22 + 52 + 62 + 73 + 200 \\ 409 &:= 2^3 + 2^7 + 2^7 + 12^2 + 21^0 = 23 + 27 + 27 + 122 + 210 \\ 409 &:= 2^3 + 2^7 + 2^8 + 16^1 + 17^0 = 23 + 27 + 28 + 161 + 170 \\ 409 &:= 2^3 + 3^3 + 4^0 + 12^1 + 19^2 = 23 + 33 + 40 + 121 + 192 \\ 409 &:= 2^3 + 4^0 + 4^3 + 12^1 + 18^2 = 23 + 40 + 43 + 121 + 182 \\ 409 &:= 2^3 + 4^0 + 6^2 + 7^3 + 21^1 = 23 + 40 + 62 + 73 + 211 \\ 409 &:= 2^3 + 4^0 + 6^3 + 13^2 + 15^1 = 23 + 40 + 63 + 132 + 151 \\ 409 &:= 2^3 + 7^2 + 7^3 + 8^1 + 16^0 = 23 + 72 + 73 + 81 + 160 \\ 409 &:= 2^4 + 3^1 + 8^0 + 10^2 + 17^2 = 24 + 31 + 80 + 102 + 172 \end{aligned}$$

$$\begin{aligned} 409 &:= 2^4 + 4^1 + 8^0 + 8^2 + 18^2 = 24 + 41 + 80 + 82 + 182 \\ 409 &:= 2^4 + 5^2 + 6^1 + 8^0 + 19^2 = 24 + 52 + 61 + 80 + 192 \\ 409 &:= 2^5 + 3^1 + 4^0 + 12^1 + 19^2 = 25 + 31 + 40 + 121 + 192 \\ 409 &:= 2^5 + 4^0 + 4^1 + 11^1 + 19^2 = 25 + 40 + 41 + 111 + 192 \\ 409 &:= 2^5 + 4^0 + 5^1 + 10^1 + 19^2 = 25 + 40 + 51 + 101 + 192 \\ 409 &:= 2^5 + 4^0 + 6^1 + 9^1 + 19^2 = 25 + 40 + 61 + 91 + 192 \\ 409 &:= 2^5 + 4^0 + 7^1 + 8^1 + 19^2 = 25 + 40 + 71 + 81 + 192 \\ 409 &:= 2^6 + 2^8 + 3^4 + 7^1 + 25^0 = 26 + 28 + 34 + 71 + 250 \\ 409 &:= 2^6 + 2^8 + 4^2 + 7^2 + 24^1 = 26 + 28 + 42 + 72 + 241 \\ 409 &:= 3^0 + 3^5 + 8^2 + 10^2 + 16^0 = 30 + 35 + 82 + 102 + 160 \\ 409 &:= 3^1 + 3^5 + 4^0 + 12^2 + 18^1 = 31 + 35 + 40 + 122 + 181 \\ 409 &:= 3^1 + 4^0 + 4^4 + 5^3 + 24^1 = 31 + 40 + 44 + 53 + 241 \\ 409 &:= 3^1 + 4^4 + 7^2 + 10^2 + 16^0 = 31 + 44 + 72 + 102 + 160 \\ 409 &:= 3^1 + 5^3 + 6^3 + 8^2 + 18^0 = 31 + 53 + 63 + 82 + 180 \\ 409 &:= 3^2 + 5^3 + 7^2 + 10^0 + 15^2 = 32 + 53 + 72 + 100 + 152 \\ 409 &:= 3^3 + 4^0 + 4^2 + 7^3 + 22^1 = 33 + 40 + 42 + 73 + 221 \\ 409 &:= 3^3 + 4^0 + 8^2 + 11^2 + 14^2 = 33 + 40 + 82 + 112 + 142 \\ 409 &:= 3^3 + 4^2 + 6^0 + 13^2 + 14^2 = 33 + 42 + 60 + 132 + 142 \\ 409 &:= 3^3 + 5^2 + 6^0 + 10^2 + 16^2 = 33 + 52 + 60 + 102 + 162 \\ 409 &:= 3^3 + 5^2 + 7^3 + 12^0 + 13^1 = 33 + 52 + 73 + 120 + 131 \\ 409 &:= 3^4 + 6^0 + 7^1 + 8^2 + 16^2 = 34 + 60 + 71 + 82 + 162 \\ 409 &:= 3^5 + 4^0 + 10^1 + 11^1 + 12^2 = 35 + 40 + 101 + 111 + 122 \\ 409 &:= 3^5 + 4^0 + 4^1 + 12^2 + 17^1 = 35 + 40 + 41 + 122 + 171 \\ 409 &:= 3^5 + 4^0 + 5^1 + 12^2 + 16^1 = 35 + 40 + 51 + 122 + 161 \\ 409 &:= 3^5 + 4^0 + 6^1 + 12^2 + 15^1 = 35 + 40 + 61 + 122 + 151 \\ 409 &:= 3^5 + 4^0 + 7^1 + 12^2 + 14^1 = 35 + 40 + 71 + 122 + 141 \\ 409 &:= 3^5 + 4^0 + 8^1 + 12^2 + 13^1 = 35 + 40 + 81 + 122 + 131 \\ 409 &:= 3^5 + 4^0 + 8^2 + 10^2 + 15^0 = 35 + 40 + 82 + 102 + 150 \\ 409 &:= 3^5 + 4^0 + 9^1 + 12^1 + 12^2 = 35 + 40 + 91 + 121 + 122 \\ 409 &:= 3^5 + 5^0 + 8^2 + 10^2 + 14^0 = 35 + 50 + 82 + 102 + 140 \\ 409 &:= 3^5 + 6^0 + 8^2 + 10^2 + 13^0 = 35 + 60 + 82 + 102 + 130 \\ 409 &:= 3^5 + 7^0 + 8^2 + 10^2 + 12^0 = 35 + 70 + 82 + 102 + 120 \\ 409 &:= 3^5 + 8^0 + 8^2 + 10^2 + 11^0 = 35 + 80 + 82 + 102 + 110 \\ 409 &:= 3^5 + 8^2 + 9^0 + 10^0 + 10^2 = 35 + 82 + 90 + 100 + 102 \\ 409 &:= 4^0 + 4^1 + 4^4 + 5^3 + 23^1 = 40 + 41 + 44 + 53 + 231 \\ 409 &:= 4^0 + 4^3 + 10^2 + 10^2 + 12^2 = 40 + 43 + 102 + 102 + 122 \\ 409 &:= 4^0 + 4^4 + 5^1 + 5^3 + 22^1 = 40 + 44 + 51 + 53 + 221 \\ 409 &:= 4^0 + 4^4 + 5^3 + 10^1 + 17^1 = 40 + 44 + 53 + 101 + 171 \end{aligned}$$

$$\begin{aligned}
 409 &:= 4^0 + 4^4 + 5^3 + 11^1 + 16^1 = 40 + 44 + 53 + 111 + 161 \\
 409 &:= 4^0 + 4^4 + 5^3 + 12^1 + 15^1 = 40 + 44 + 53 + 121 + 151 \\
 409 &:= 4^0 + 4^4 + 5^3 + 13^1 + 14^1 = 40 + 44 + 53 + 131 + 141 \\
 409 &:= 4^0 + 4^4 + 5^3 + 6^1 + 21^1 = 40 + 44 + 53 + 61 + 211 \\
 409 &:= 4^0 + 4^4 + 5^3 + 7^1 + 20^1 = 40 + 44 + 53 + 71 + 201 \\
 409 &:= 4^0 + 4^4 + 5^3 + 8^1 + 19^1 = 40 + 44 + 53 + 81 + 191 \\
 409 &:= 4^0 + 4^4 + 5^3 + 9^1 + 18^1 = 40 + 44 + 53 + 91 + 181 \\
 409 &:= 4^0 + 4^4 + 6^2 + 10^2 + 16^1 = 40 + 44 + 62 + 102 + 161 \\
 409 &:= 4^0 + 5^3 + 5^3 + 12^2 + 14^1 = 40 + 53 + 53 + 122 + 141
 \end{aligned}$$

$$\begin{aligned}
 409 &:= 4^0 + 5^3 + 6^3 + 7^2 + 18^1 = 40 + 53 + 63 + 72 + 181 \\
 409 &:= 4^2 + 4^4 + 6^0 + 11^2 + 15^1 = 42 + 44 + 60 + 112 + 151 \\
 409 &:= 4^3 + 6^3 + 7^1 + 11^2 + 12^0 = 43 + 63 + 71 + 112 + 120 \\
 409 &:= 4^4 + 5^2 + 6^1 + 11^2 + 14^0 = 44 + 52 + 61 + 112 + 140 \\
 409 &:= 4^4 + 7^1 + 8^2 + 9^2 + 12^0 = 44 + 71 + 82 + 92 + 120 \\
 409 &:= 5^3 + 6^0 + 9^2 + 9^2 + 11^2 = 53 + 60 + 92 + 92 + 112 \\
 409 &:= 6^3 + 8^2 + 8^2 + 8^2 + 10^0 = 63 + 82 + 82 + 82 + 100
 \end{aligned}$$

2.2.311 Number 410

$$\begin{aligned}
 410 &:= 1^5 + 2^3 + 17^0 + 20^2 = 15 + 23 + 170 + 202 \\
 410 &:= 1^7 + 8^1 + 11^0 + 20^2 = 17 + 81 + 110 + 202 \\
 410 &:= 2^1 + 2^6 + 7^3 + 29^0 = 21 + 26 + 73 + 290 \\
 410 &:= 2^4 + 5^2 + 7^3 + 26^1 = 24 + 52 + 73 + 261 \\
 410 &:= 3^5 + 5^2 + 11^2 + 21^1 = 35 + 52 + 112 + 211 \\
 410 &:= 1^0 + 1^4 + 4^3 + 7^3 + 27^0 = 10 + 14 + 43 + 73 + 270 \\
 410 &:= 1^0 + 1^5 + 7^3 + 8^2 + 23^0 = 10 + 15 + 73 + 82 + 230 \\
 410 &:= 1^0 + 1^7 + 7^1 + 11^0 + 20^2 = 10 + 17 + 71 + 110 + 202 \\
 410 &:= 1^0 + 2^4 + 5^2 + 7^3 + 25^1 = 10 + 24 + 52 + 73 + 251 \\
 410 &:= 1^0 + 3^3 + 4^4 + 5^3 + 27^0 = 10 + 33 + 44 + 53 + 270 \\
 410 &:= 1^0 + 3^5 + 5^2 + 11^2 + 20^1 = 10 + 35 + 52 + 112 + 201 \\
 410 &:= 1^1 + 1^3 + 4^3 + 7^3 + 27^0 = 11 + 13 + 43 + 73 + 270 \\
 410 &:= 1^1 + 1^4 + 7^3 + 8^2 + 23^0 = 11 + 14 + 73 + 82 + 230 \\
 410 &:= 1^1 + 1^6 + 7^1 + 11^0 + 20^2 = 11 + 16 + 71 + 110 + 202 \\
 410 &:= 1^1 + 2^3 + 4^4 + 12^2 + 21^0 = 11 + 23 + 44 + 122 + 210 \\
 410 &:= 1^1 + 2^4 + 7^2 + 7^3 + 23^0 = 11 + 24 + 72 + 73 + 230 \\
 410 &:= 1^1 + 2^6 + 3^0 + 7^3 + 27^0 = 11 + 26 + 30 + 73 + 270 \\
 410 &:= 1^1 + 2^6 + 4^0 + 7^3 + 26^0 = 11 + 26 + 40 + 73 + 260 \\
 410 &:= 1^1 + 2^6 + 5^0 + 7^3 + 25^0 = 11 + 26 + 50 + 73 + 250 \\
 410 &:= 1^1 + 2^6 + 6^0 + 7^3 + 24^0 = 11 + 26 + 60 + 73 + 240 \\
 410 &:= 1^1 + 2^6 + 7^0 + 7^3 + 23^0 = 11 + 26 + 70 + 73 + 230 \\
 410 &:= 1^1 + 2^6 + 7^3 + 10^0 + 20^0 = 11 + 26 + 73 + 100 + 200 \\
 410 &:= 1^1 + 2^6 + 7^3 + 11^0 + 19^0 = 11 + 26 + 73 + 110 + 190 \\
 410 &:= 1^1 + 2^6 + 7^3 + 12^0 + 18^0 = 11 + 26 + 73 + 120 + 180 \\
 410 &:= 1^1 + 2^6 + 7^3 + 13^0 + 17^0 = 11 + 26 + 73 + 130 + 170 \\
 410 &:= 1^1 + 2^6 + 7^3 + 14^0 + 16^0 = 11 + 26 + 73 + 140 + 160 \\
 410 &:= 1^1 + 2^6 + 7^3 + 15^0 + 15^0 = 11 + 26 + 73 + 150 + 150
 \end{aligned}$$

$$\begin{aligned}
 410 &:= 1^1 + 2^6 + 7^3 + 8^0 + 22^0 = 11 + 26 + 73 + 80 + 220 \\
 410 &:= 1^1 + 2^6 + 7^3 + 9^0 + 21^0 = 11 + 26 + 73 + 90 + 210 \\
 410 &:= 1^1 + 3^4 + 11^1 + 11^2 + 14^2 = 11 + 34 + 111 + 112 + 142 \\
 410 &:= 1^1 + 3^4 + 5^2 + 14^1 + 17^2 = 11 + 34 + 52 + 141 + 172 \\
 410 &:= 1^2 + 1^2 + 4^3 + 7^3 + 27^0 = 12 + 12 + 43 + 73 + 270 \\
 410 &:= 1^2 + 1^3 + 7^3 + 8^2 + 23^0 = 12 + 13 + 73 + 82 + 230 \\
 410 &:= 1^2 + 1^5 + 7^1 + 11^0 + 20^2 = 12 + 15 + 71 + 110 + 202 \\
 410 &:= 1^2 + 2^3 + 9^1 + 14^2 + 14^2 = 12 + 23 + 91 + 142 + 142 \\
 410 &:= 1^2 + 2^4 + 9^0 + 14^2 + 14^2 = 12 + 24 + 90 + 142 + 142 \\
 410 &:= 1^2 + 2^5 + 3^0 + 15^1 + 19^2 = 12 + 25 + 30 + 151 + 192 \\
 410 &:= 1^2 + 3^0 + 3^5 + 12^2 + 21^1 = 12 + 30 + 35 + 122 + 211 \\
 410 &:= 1^2 + 3^0 + 4^4 + 5^3 + 27^1 = 12 + 30 + 44 + 53 + 271 \\
 410 &:= 1^2 + 3^3 + 5^3 + 15^0 + 16^2 = 12 + 33 + 53 + 150 + 162 \\
 410 &:= 1^2 + 7^2 + 8^2 + 10^2 + 14^2 = 12 + 72 + 82 + 102 + 142 \\
 410 &:= 1^3 + 1^4 + 7^1 + 11^0 + 20^2 = 13 + 14 + 71 + 110 + 202 \\
 410 &:= 1^3 + 2^3 + 9^0 + 12^2 + 16^2 = 13 + 23 + 90 + 122 + 162 \\
 410 &:= 1^3 + 3^1 + 3^4 + 15^0 + 18^2 = 13 + 31 + 34 + 150 + 182 \\
 410 &:= 1^3 + 3^2 + 8^1 + 14^2 + 14^2 = 13 + 32 + 81 + 142 + 142 \\
 410 &:= 1^3 + 4^2 + 7^2 + 7^3 + 21^0 = 13 + 42 + 72 + 73 + 210 \\
 410 &:= 1^3 + 4^4 + 8^1 + 12^2 + 15^0 = 13 + 44 + 81 + 122 + 150 \\
 410 &:= 1^3 + 5^1 + 8^2 + 12^2 + 14^2 = 13 + 51 + 82 + 122 + 142 \\
 410 &:= 1^3 + 5^2 + 7^1 + 11^2 + 16^2 = 13 + 52 + 71 + 112 + 162 \\
 410 &:= 1^3 + 7^1 + 7^2 + 8^2 + 17^2 = 13 + 71 + 72 + 82 + 172 \\
 410 &:= 1^4 + 2^0 + 4^3 + 7^3 + 26^0 = 14 + 20 + 43 + 73 + 260 \\
 410 &:= 1^4 + 2^2 + 2^2 + 15^0 + 20^2 = 14 + 22 + 22 + 150 + 202 \\
 410 &:= 1^4 + 2^7 + 2^8 + 10^0 + 24^1 = 14 + 27 + 28 + 100 + 241 \\
 410 &:= 1^4 + 3^0 + 4^3 + 7^3 + 25^0 = 14 + 30 + 43 + 73 + 250
 \end{aligned}$$

$$\begin{aligned}
 410 &:= 1^4 + 4^0 + 4^3 + 7^3 + 24^0 = 14 + 40 + 43 + 73 + 240 \\
 410 &:= 1^4 + 4^2 + 7^0 + 14^2 + 14^2 = 14 + 42 + 70 + 142 + 142 \\
 410 &:= 1^4 + 4^3 + 5^0 + 7^3 + 23^0 = 14 + 43 + 50 + 73 + 230 \\
 410 &:= 1^4 + 4^3 + 6^0 + 7^3 + 22^0 = 14 + 43 + 60 + 73 + 220 \\
 410 &:= 1^4 + 4^3 + 7^0 + 7^3 + 21^0 = 14 + 43 + 70 + 73 + 210 \\
 410 &:= 1^4 + 4^3 + 7^3 + 10^0 + 18^0 = 14 + 43 + 73 + 100 + 180 \\
 410 &:= 1^4 + 4^3 + 7^3 + 11^0 + 17^0 = 14 + 43 + 73 + 110 + 170 \\
 410 &:= 1^4 + 4^3 + 7^3 + 12^0 + 16^0 = 14 + 43 + 73 + 120 + 160 \\
 410 &:= 1^4 + 4^3 + 7^3 + 13^0 + 15^0 = 14 + 43 + 73 + 130 + 150 \\
 410 &:= 1^4 + 4^3 + 7^3 + 14^0 + 14^0 = 14 + 43 + 73 + 140 + 140 \\
 410 &:= 1^4 + 4^3 + 7^3 + 8^0 + 20^0 = 14 + 43 + 73 + 80 + 200 \\
 410 &:= 1^4 + 4^3 + 7^3 + 9^0 + 19^0 = 14 + 43 + 73 + 90 + 190 \\
 410 &:= 1^4 + 7^2 + 7^3 + 9^0 + 16^1 = 14 + 72 + 73 + 90 + 161 \\
 410 &:= 1^5 + 1^9 + 4^3 + 7^3 + 26^0 = 15 + 19 + 43 + 73 + 260 \\
 410 &:= 1^5 + 2^0 + 7^3 + 8^2 + 22^0 = 15 + 20 + 73 + 82 + 220 \\
 410 &:= 1^5 + 2^2 + 4^1 + 13^0 + 20^2 = 15 + 22 + 41 + 130 + 202 \\
 410 &:= 1^5 + 3^0 + 6^2 + 11^1 + 19^2 = 15 + 30 + 62 + 111 + 192 \\
 410 &:= 1^5 + 3^0 + 7^3 + 8^2 + 21^0 = 15 + 30 + 73 + 82 + 210 \\
 410 &:= 1^5 + 3^0 + 8^1 + 12^2 + 16^2 = 15 + 30 + 81 + 122 + 162 \\
 410 &:= 1^5 + 3^1 + 9^0 + 9^2 + 18^2 = 15 + 31 + 90 + 92 + 182 \\
 410 &:= 1^5 + 4^0 + 7^3 + 8^2 + 20^0 = 15 + 40 + 73 + 82 + 200 \\
 410 &:= 1^5 + 5^0 + 7^3 + 8^2 + 19^0 = 15 + 50 + 73 + 82 + 190 \\
 410 &:= 1^5 + 6^0 + 7^3 + 8^2 + 18^0 = 15 + 60 + 73 + 82 + 180 \\
 410 &:= 1^5 + 7^0 + 7^3 + 8^2 + 17^0 = 15 + 70 + 73 + 82 + 170 \\
 410 &:= 1^5 + 7^3 + 8^0 + 8^2 + 16^0 = 15 + 73 + 80 + 82 + 160 \\
 410 &:= 1^5 + 7^3 + 8^2 + 10^0 + 14^0 = 15 + 73 + 82 + 100 + 140 \\
 410 &:= 1^5 + 7^3 + 8^2 + 11^0 + 13^0 = 15 + 73 + 82 + 110 + 130 \\
 410 &:= 1^5 + 7^3 + 8^2 + 12^0 + 12^0 = 15 + 73 + 82 + 120 + 120 \\
 410 &:= 1^5 + 7^3 + 8^2 + 9^0 + 15^0 = 15 + 73 + 82 + 90 + 150 \\
 410 &:= 1^6 + 1^8 + 4^3 + 7^3 + 26^0 = 16 + 18 + 43 + 73 + 260 \\
 410 &:= 1^6 + 1^9 + 7^3 + 8^2 + 22^0 = 16 + 19 + 73 + 82 + 220 \\
 410 &:= 1^6 + 2^1 + 6^1 + 11^0 + 20^2 = 16 + 21 + 61 + 110 + 202 \\
 410 &:= 1^6 + 3^1 + 5^1 + 11^0 + 20^2 = 16 + 31 + 51 + 110 + 202 \\
 410 &:= 1^6 + 4^1 + 4^1 + 11^0 + 20^2 = 16 + 41 + 41 + 110 + 202 \\
 410 &:= 1^7 + 1^7 + 4^3 + 7^3 + 26^0 = 17 + 17 + 43 + 73 + 260 \\
 410 &:= 1^7 + 1^8 + 7^3 + 8^2 + 22^0 = 17 + 18 + 73 + 82 + 220 \\
 410 &:= 1^7 + 2^0 + 7^1 + 10^0 + 20^2 = 17 + 20 + 71 + 100 + 202 \\
 410 &:= 1^7 + 2^3 + 2^8 + 12^2 + 22^0 = 17 + 23 + 28 + 122 + 220
 \end{aligned}$$

$$\begin{aligned}
 410 &:= 1^7 + 2^7 + 4^3 + 6^3 + 26^0 = 17 + 27 + 43 + 63 + 260 \\
 410 &:= 1^7 + 3^0 + 7^1 + 9^0 + 20^2 = 17 + 30 + 71 + 90 + 202 \\
 410 &:= 1^7 + 4^0 + 7^1 + 8^0 + 20^2 = 17 + 40 + 71 + 80 + 202 \\
 410 &:= 1^7 + 5^0 + 7^0 + 7^1 + 20^2 = 17 + 50 + 70 + 71 + 202 \\
 410 &:= 1^7 + 6^0 + 6^0 + 7^1 + 20^2 = 17 + 60 + 60 + 71 + 202 \\
 410 &:= 1^8 + 1^9 + 7^1 + 10^0 + 20^2 = 18 + 19 + 71 + 100 + 202 \\
 410 &:= 1^8 + 2^7 + 4^4 + 8^0 + 24^1 = 18 + 27 + 44 + 80 + 241 \\
 410 &:= 1^8 + 2^7 + 6^3 + 8^2 + 22^0 = 18 + 27 + 63 + 82 + 220 \\
 410 &:= 1^8 + 2^8 + 4^0 + 5^3 + 27^1 = 18 + 28 + 40 + 53 + 271 \\
 410 &:= 1^9 + 2^8 + 8^1 + 12^2 + 16^0 = 19 + 28 + 81 + 122 + 160 \\
 410 &:= 2^0 + 3^3 + 4^4 + 5^3 + 26^0 = 20 + 33 + 44 + 53 + 260 \\
 410 &:= 2^1 + 3^4 + 10^1 + 11^2 + 14^2 = 21 + 34 + 101 + 112 + 142 \\
 410 &:= 2^1 + 3^4 + 5^2 + 13^1 + 17^2 = 21 + 34 + 52 + 131 + 172 \\
 410 &:= 2^1 + 3^5 + 8^2 + 10^2 + 17^0 = 21 + 35 + 82 + 102 + 170 \\
 410 &:= 2^2 + 2^2 + 3^3 + 14^1 + 19^2 = 22 + 22 + 33 + 141 + 192 \\
 410 &:= 2^2 + 2^2 + 4^3 + 14^1 + 18^2 = 22 + 22 + 43 + 141 + 182 \\
 410 &:= 2^2 + 2^2 + 6^2 + 7^3 + 23^1 = 22 + 22 + 62 + 73 + 231 \\
 410 &:= 2^2 + 2^2 + 6^3 + 13^2 + 17^1 = 22 + 22 + 63 + 132 + 171 \\
 410 &:= 2^2 + 2^3 + 5^2 + 12^1 + 19^2 = 22 + 23 + 52 + 121 + 192 \\
 410 &:= 2^2 + 2^3 + 8^2 + 10^1 + 18^2 = 22 + 23 + 82 + 101 + 182 \\
 410 &:= 2^2 + 2^3 + 9^1 + 10^2 + 17^2 = 22 + 23 + 91 + 102 + 172 \\
 410 &:= 2^2 + 2^4 + 9^0 + 10^2 + 17^2 = 22 + 24 + 90 + 102 + 172 \\
 410 &:= 2^2 + 2^5 + 5^0 + 12^1 + 19^2 = 22 + 25 + 50 + 121 + 192 \\
 410 &:= 2^2 + 3^3 + 9^1 + 9^2 + 17^2 = 22 + 33 + 91 + 92 + 172 \\
 410 &:= 2^2 + 3^5 + 5^0 + 12^2 + 18^1 = 22 + 35 + 50 + 122 + 181 \\
 410 &:= 2^2 + 4^2 + 10^2 + 11^2 + 13^2 = 22 + 42 + 102 + 112 + 132 \\
 410 &:= 2^2 + 4^2 + 5^2 + 7^3 + 22^1 = 22 + 42 + 52 + 73 + 221 \\
 410 &:= 2^2 + 4^4 + 5^0 + 5^3 + 24^1 = 22 + 44 + 50 + 53 + 241 \\
 410 &:= 2^2 + 4^4 + 7^2 + 10^2 + 17^0 = 22 + 44 + 72 + 102 + 170 \\
 410 &:= 2^2 + 5^2 + 8^2 + 11^2 + 14^2 = 22 + 52 + 82 + 112 + 142 \\
 410 &:= 2^2 + 5^3 + 6^3 + 8^2 + 19^0 = 22 + 53 + 63 + 82 + 190 \\
 410 &:= 2^2 + 6^2 + 8^2 + 9^2 + 15^2 = 22 + 62 + 82 + 92 + 152 \\
 410 &:= 2^3 + 3^2 + 7^2 + 7^3 + 21^0 = 23 + 32 + 72 + 73 + 210 \\
 410 &:= 2^3 + 4^1 + 9^2 + 11^2 + 14^2 = 23 + 41 + 92 + 112 + 142 \\
 410 &:= 2^3 + 4^2 + 6^3 + 13^2 + 15^0 = 23 + 42 + 63 + 132 + 150 \\
 410 &:= 2^3 + 4^3 + 9^0 + 9^2 + 16^2 = 23 + 43 + 90 + 92 + 162 \\
 410 &:= 2^3 + 5^2 + 7^1 + 9^2 + 17^2 = 23 + 52 + 71 + 92 + 172 \\
 410 &:= 2^3 + 6^3 + 8^2 + 11^2 + 13^0 = 23 + 63 + 82 + 112 + 130
 \end{aligned}$$

$$\begin{aligned}
 410 &:= 2^4 + 2^7 + 2^8 + 9^1 + 24^0 = 24 + 27 + 28 + 91 + 240 \\
 410 &:= 2^4 + 3^3 + 5^1 + 11^0 + 19^2 = 24 + 33 + 51 + 110 + 192 \\
 410 &:= 2^4 + 4^2 + 4^2 + 11^0 + 19^2 = 24 + 42 + 42 + 110 + 192 \\
 410 &:= 2^4 + 4^2 + 7^0 + 11^2 + 16^2 = 24 + 42 + 70 + 112 + 162 \\
 410 &:= 2^4 + 4^3 + 5^1 + 11^0 + 18^2 = 24 + 43 + 51 + 110 + 182 \\
 410 &:= 2^4 + 5^0 + 5^3 + 12^1 + 16^2 = 24 + 50 + 53 + 121 + 162 \\
 410 &:= 2^4 + 6^2 + 7^3 + 11^0 + 14^1 = 24 + 62 + 73 + 110 + 141 \\
 410 &:= 2^4 + 6^3 + 8^1 + 11^0 + 13^2 = 24 + 63 + 81 + 110 + 132 \\
 410 &:= 2^5 + 3^0 + 8^1 + 12^2 + 15^2 = 25 + 30 + 81 + 122 + 152 \\
 410 &:= 2^5 + 3^2 + 7^1 + 9^0 + 19^2 = 25 + 32 + 71 + 90 + 192 \\
 410 &:= 2^5 + 4^1 + 7^2 + 9^0 + 18^2 = 25 + 41 + 72 + 90 + 182 \\
 410 &:= 2^5 + 5^0 + 7^1 + 9^2 + 17^2 = 25 + 50 + 71 + 92 + 172 \\
 410 &:= 3^0 + 3^3 + 4^4 + 5^3 + 25^0 = 30 + 33 + 44 + 53 + 250 \\
 410 &:= 3^0 + 3^5 + 7^2 + 10^2 + 17^1 = 30 + 35 + 72 + 102 + 171 \\
 410 &:= 3^1 + 3^4 + 5^2 + 12^1 + 17^2 = 31 + 34 + 52 + 121 + 172 \\
 410 &:= 3^1 + 3^4 + 9^1 + 11^2 + 14^2 = 31 + 34 + 91 + 112 + 142 \\
 410 &:= 3^1 + 4^4 + 5^2 + 5^3 + 23^0 = 31 + 44 + 52 + 53 + 230 \\
 410 &:= 3^2 + 3^5 + 9^0 + 12^2 + 13^1 = 32 + 35 + 90 + 122 + 131 \\
 410 &:= 3^2 + 4^4 + 5^3 + 9^0 + 19^1 = 32 + 44 + 53 + 90 + 191 \\
 410 &:= 3^2 + 5^2 + 6^2 + 12^2 + 14^2 = 32 + 52 + 62 + 122 + 142 \\
 410 &:= 3^3 + 3^3 + 7^3 + 12^1 + 15^0 = 33 + 33 + 73 + 121 + 150 \\
 410 &:= 3^3 + 3^4 + 5^0 + 12^1 + 17^2 = 33 + 34 + 50 + 121 + 172 \\
 410 &:= 3^3 + 4^0 + 4^4 + 5^3 + 24^0 = 33 + 40 + 44 + 53 + 240 \\
 410 &:= 3^3 + 4^4 + 5^0 + 5^3 + 23^0 = 33 + 44 + 50 + 53 + 230 \\
 410 &:= 3^3 + 4^4 + 5^1 + 11^2 + 17^0 = 33 + 44 + 51 + 112 + 170 \\
 410 &:= 3^3 + 4^4 + 5^3 + 10^0 + 18^0 = 33 + 44 + 53 + 100 + 180 \\
 410 &:= 3^3 + 4^4 + 5^3 + 11^0 + 17^0 = 33 + 44 + 53 + 110 + 170 \\
 410 &:= 3^3 + 4^4 + 5^3 + 12^0 + 16^0 = 33 + 44 + 53 + 120 + 160 \\
 410 &:= 3^3 + 4^4 + 5^3 + 13^0 + 15^0 = 33 + 44 + 53 + 130 + 150 \\
 410 &:= 3^3 + 4^4 + 5^3 + 14^0 + 14^0 = 33 + 44 + 53 + 140 + 140 \\
 410 &:= 3^3 + 4^4 + 5^3 + 6^0 + 22^0 = 33 + 44 + 53 + 60 + 220 \\
 410 &:= 3^3 + 4^4 + 5^3 + 7^0 + 21^0 = 33 + 44 + 53 + 70 + 210 \\
 410 &:= 3^3 + 4^4 + 5^3 + 8^0 + 20^0 = 33 + 44 + 53 + 80 + 200 \\
 410 &:= 3^3 + 4^4 + 5^3 + 9^0 + 19^0 = 33 + 44 + 53 + 90 + 190 \\
 410 &:= 3^3 + 5^2 + 5^2 + 9^1 + 18^2 = 33 + 52 + 52 + 91 + 182 \\
 410 &:= 3^4 + 4^1 + 5^2 + 11^1 + 17^2 = 34 + 41 + 52 + 111 + 172 \\
 410 &:= 3^4 + 4^1 + 8^1 + 11^2 + 14^2 = 34 + 41 + 81 + 112 + 142 \\
 410 &:= 3^4 + 4^3 + 8^1 + 9^0 + 16^2 = 34 + 43 + 81 + 90 + 162 \\
 410 &:= 3^4 + 5^1 + 5^2 + 10^1 + 17^2 = 34 + 51 + 52 + 101 + 172 \\
 410 &:= 3^4 + 5^1 + 7^1 + 11^2 + 14^2 = 34 + 51 + 71 + 112 + 142 \\
 410 &:= 3^4 + 5^2 + 6^1 + 9^1 + 17^2 = 34 + 52 + 61 + 91 + 172 \\
 410 &:= 3^4 + 5^2 + 7^1 + 8^1 + 17^2 = 34 + 52 + 71 + 81 + 172 \\
 410 &:= 3^4 + 5^3 + 7^1 + 11^0 + 14^2 = 34 + 53 + 71 + 110 + 142 \\
 410 &:= 3^4 + 6^1 + 6^1 + 11^2 + 14^2 = 34 + 61 + 61 + 112 + 142 \\
 410 &:= 3^4 + 6^2 + 6^2 + 9^0 + 16^2 = 34 + 62 + 62 + 90 + 162 \\
 410 &:= 3^4 + 6^3 + 9^0 + 10^2 + 12^1 = 34 + 63 + 90 + 102 + 121 \\
 410 &:= 3^5 + 4^1 + 9^2 + 9^2 + 15^0 = 35 + 41 + 92 + 92 + 150 \\
 410 &:= 3^5 + 4^2 + 6^1 + 12^2 + 15^0 = 35 + 42 + 61 + 122 + 150 \\
 410 &:= 3^5 + 6^2 + 9^1 + 11^0 + 11^2 = 35 + 62 + 91 + 110 + 112 \\
 410 &:= 4^1 + 4^3 + 10^2 + 11^2 + 11^2 = 41 + 43 + 102 + 112 + 112 \\
 410 &:= 4^1 + 4^3 + 5^3 + 6^3 + 21^0 = 41 + 43 + 53 + 63 + 210 \\
 410 &:= 4^2 + 4^2 + 4^4 + 11^2 + 17^0 = 42 + 42 + 44 + 112 + 170 \\
 410 &:= 4^2 + 4^4 + 5^3 + 12^1 + 15^0 = 42 + 44 + 53 + 121 + 150 \\
 410 &:= 4^2 + 5^2 + 7^2 + 8^2 + 16^2 = 42 + 52 + 72 + 82 + 162 \\
 410 &:= 4^2 + 5^3 + 8^2 + 9^1 + 14^2 = 42 + 53 + 82 + 91 + 142 \\
 410 &:= 4^3 + 4^3 + 5^2 + 11^0 + 16^2 = 43 + 43 + 52 + 110 + 162 \\
 410 &:= 4^3 + 4^4 + 8^1 + 9^2 + 15^0 = 43 + 44 + 81 + 92 + 150 \\
 410 &:= 4^3 + 5^1 + 8^2 + 9^2 + 14^2 = 43 + 51 + 82 + 92 + 142 \\
 410 &:= 4^4 + 5^2 + 8^2 + 8^2 + 15^0 = 44 + 52 + 82 + 82 + 150 \\
 410 &:= 4^4 + 6^2 + 6^2 + 9^2 + 15^0 = 44 + 62 + 62 + 92 + 150 \\
 410 &:= 5^2 + 5^2 + 5^3 + 10^1 + 15^2 = 52 + 52 + 53 + 101 + 152 \\
 410 &:= 5^2 + 6^2 + 6^3 + 11^2 + 12^1 = 52 + 62 + 63 + 112 + 121 \\
 410 &:= 5^3 + 6^2 + 7^1 + 11^2 + 11^2 = 53 + 62 + 71 + 112 + 112
 \end{aligned}$$

2.2.312 Number 411

$$\begin{aligned}
 411 &:= 1^7 + 3^2 + 16^0 + 20^2 = 17 + 32 + 160 + 202 \\
 411 &:= 1^8 + 9^1 + 10^0 + 20^2 = 18 + 91 + 100 + 202 \\
 411 &:= 2^8 + 10^1 + 12^2 + 16^0 = 28 + 101 + 122 + 160 \\
 411 &:= 1^0 + 1^6 + 2^3 + 16^0 + 20^2 = 10 + 16 + 23 + 160 + 202 \\
 411 &:= 1^0 + 1^8 + 8^1 + 10^0 + 20^2 = 10 + 18 + 81 + 100 + 202 \\
 411 &:= 1^0 + 2^4 + 2^5 + 16^0 + 19^2 = 10 + 24 + 25 + 160 + 192
 \end{aligned}$$

$$\begin{aligned}411 &:= 1^0 + 2^5 + 4^4 + 11^2 + 22^0 = 10 + 25 + 44 + 112 + 220 \\411 &:= 1^0 + 2^7 + 5^2 + 16^0 + 16^2 = 10 + 27 + 52 + 160 + 162 \\411 &:= 1^0 + 2^8 + 9^1 + 12^2 + 16^0 = 10 + 28 + 91 + 122 + 160 \\411 &:= 1^1 + 1^5 + 2^3 + 16^0 + 20^2 = 11 + 15 + 23 + 160 + 202 \\411 &:= 1^1 + 1^7 + 8^1 + 10^0 + 20^2 = 11 + 17 + 81 + 100 + 202 \\411 &:= 1^2 + 1^4 + 2^3 + 16^0 + 20^2 = 12 + 14 + 23 + 160 + 202 \\411 &:= 1^2 + 1^6 + 8^1 + 10^0 + 20^2 = 12 + 16 + 81 + 100 + 202 \\411 &:= 1^2 + 2^5 + 10^0 + 11^2 + 16^2 = 12 + 25 + 100 + 112 + 162 \\411 &:= 1^2 + 2^5 + 4^2 + 14^0 + 19^2 = 12 + 25 + 42 + 140 + 192 \\411 &:= 1^3 + 1^3 + 2^3 + 16^0 + 20^2 = 13 + 13 + 23 + 160 + 202 \\411 &:= 1^3 + 1^5 + 8^1 + 10^0 + 20^2 = 13 + 15 + 81 + 100 + 202 \\411 &:= 1^3 + 2^0 + 2^5 + 16^1 + 19^2 = 13 + 20 + 25 + 161 + 192 \\411 &:= 1^3 + 2^0 + 3^5 + 12^2 + 22^1 = 13 + 20 + 35 + 122 + 221 \\411 &:= 1^3 + 2^2 + 3^4 + 16^0 + 18^2 = 13 + 22 + 34 + 160 + 182 \\411 &:= 1^3 + 3^2 + 4^4 + 12^2 + 20^0 = 13 + 32 + 44 + 122 + 200 \\411 &:= 1^4 + 1^4 + 8^1 + 10^0 + 20^2 = 14 + 14 + 81 + 100 + 202 \\411 &:= 1^4 + 1^9 + 2^5 + 16^1 + 19^2 = 14 + 19 + 25 + 161 + 192 \\411 &:= 1^4 + 1^9 + 3^5 + 12^2 + 22^1 = 14 + 19 + 35 + 122 + 221 \\411 &:= 1^4 + 2^1 + 4^3 + 7^3 + 26^0 = 14 + 21 + 43 + 73 + 260 \\411 &:= 1^4 + 2^6 + 2^8 + 8^2 + 26^1 = 14 + 26 + 28 + 82 + 261 \\411 &:= 1^4 + 3^4 + 4^1 + 14^0 + 18^2 = 14 + 34 + 41 + 140 + 182 \\411 &:= 1^4 + 4^4 + 9^1 + 12^2 + 14^0 = 14 + 44 + 91 + 122 + 140 \\411 &:= 1^4 + 6^3 + 7^2 + 12^2 + 14^0 = 14 + 63 + 72 + 122 + 140 \\411 &:= 1^5 + 1^8 + 2^5 + 16^1 + 19^2 = 15 + 18 + 25 + 161 + 192 \\411 &:= 1^5 + 1^8 + 3^5 + 12^2 + 22^1 = 15 + 18 + 35 + 122 + 221 \\411 &:= 1^5 + 2^1 + 7^3 + 8^2 + 22^0 = 15 + 21 + 73 + 82 + 220 \\411 &:= 1^5 + 2^2 + 9^2 + 10^0 + 18^2 = 15 + 22 + 92 + 100 + 182 \\411 &:= 1^5 + 2^7 + 2^8 + 9^0 + 25^1 = 15 + 27 + 28 + 90 + 251 \\411 &:= 1^5 + 3^2 + 8^0 + 12^2 + 16^2 = 15 + 32 + 80 + 122 + 162 \\411 &:= 1^5 + 4^0 + 11^2 + 12^2 + 12^2 = 15 + 40 + 112 + 122 + 122 \\411 &:= 1^5 + 6^2 + 7^2 + 8^0 + 18^2 = 15 + 62 + 72 + 80 + 182 \\411 &:= 1^5 + 7^2 + 7^3 + 8^0 + 17^1 = 15 + 72 + 73 + 80 + 171 \\411 &:= 1^6 + 1^7 + 2^5 + 16^1 + 19^2 = 16 + 17 + 25 + 161 + 192 \\411 &:= 1^6 + 1^7 + 3^5 + 12^2 + 22^1 = 16 + 17 + 35 + 122 + 221 \\411 &:= 1^6 + 2^0 + 2^3 + 15^0 + 20^2 = 16 + 20 + 23 + 150 + 202 \\411 &:= 1^6 + 2^0 + 6^2 + 12^1 + 19^2 = 16 + 20 + 62 + 121 + 192 \\411 &:= 1^6 + 2^0 + 9^1 + 12^2 + 16^2 = 16 + 20 + 91 + 122 + 162 \\411 &:= 1^6 + 2^2 + 5^1 + 12^0 + 20^2 = 16 + 22 + 51 + 120 + 202\end{aligned}$$

$$\begin{aligned}411 &:= 1^6 + 2^3 + 3^0 + 14^0 + 20^2 = 16 + 23 + 30 + 140 + 202 \\411 &:= 1^6 + 2^3 + 4^0 + 13^0 + 20^2 = 16 + 23 + 40 + 130 + 202 \\411 &:= 1^6 + 2^3 + 5^0 + 12^0 + 20^2 = 16 + 23 + 50 + 120 + 202 \\411 &:= 1^6 + 2^3 + 6^0 + 11^0 + 20^2 = 16 + 23 + 60 + 110 + 202 \\411 &:= 1^6 + 2^3 + 7^0 + 10^0 + 20^2 = 16 + 23 + 70 + 100 + 202 \\411 &:= 1^6 + 2^3 + 8^0 + 9^0 + 20^2 = 16 + 23 + 80 + 90 + 202 \\411 &:= 1^6 + 2^5 + 2^8 + 11^2 + 23^0 = 16 + 25 + 28 + 112 + 230 \\411 &:= 1^6 + 4^1 + 8^0 + 9^2 + 18^2 = 16 + 41 + 80 + 92 + 182 \\411 &:= 1^7 + 1^9 + 2^3 + 15^0 + 20^2 = 17 + 19 + 23 + 150 + 202 \\411 &:= 1^7 + 1^9 + 6^2 + 12^1 + 19^2 = 17 + 19 + 62 + 121 + 192 \\411 &:= 1^7 + 1^9 + 9^1 + 12^2 + 16^2 = 17 + 19 + 91 + 122 + 162 \\411 &:= 1^7 + 2^1 + 7^1 + 10^0 + 20^2 = 17 + 21 + 71 + 100 + 202 \\411 &:= 1^7 + 3^1 + 6^1 + 10^0 + 20^2 = 17 + 31 + 61 + 100 + 202 \\411 &:= 1^7 + 4^1 + 5^1 + 10^0 + 20^2 = 17 + 41 + 51 + 100 + 202 \\411 &:= 1^8 + 1^8 + 2^3 + 15^0 + 20^2 = 18 + 18 + 23 + 150 + 202 \\411 &:= 1^8 + 1^8 + 6^2 + 12^1 + 19^2 = 18 + 18 + 62 + 121 + 192 \\411 &:= 1^8 + 1^8 + 9^1 + 12^2 + 16^2 = 18 + 18 + 91 + 122 + 162 \\411 &:= 1^8 + 2^0 + 8^1 + 9^0 + 20^2 = 18 + 20 + 81 + 90 + 202 \\411 &:= 1^8 + 2^3 + 2^7 + 16^2 + 18^1 = 18 + 23 + 27 + 162 + 181 \\411 &:= 1^8 + 2^7 + 4^4 + 5^2 + 27^0 = 18 + 27 + 44 + 52 + 270 \\411 &:= 1^8 + 3^0 + 8^0 + 8^1 + 20^2 = 18 + 30 + 80 + 81 + 202 \\411 &:= 1^8 + 4^0 + 7^0 + 8^1 + 20^2 = 18 + 40 + 70 + 81 + 202 \\411 &:= 1^8 + 5^0 + 6^0 + 8^1 + 20^2 = 18 + 50 + 60 + 81 + 202 \\411 &:= 1^9 + 1^9 + 8^1 + 9^0 + 20^2 = 19 + 19 + 81 + 90 + 202 \\411 &:= 1^9 + 2^3 + 2^5 + 7^3 + 27^1 = 19 + 23 + 25 + 73 + 271 \\411 &:= 1^9 + 2^5 + 4^4 + 10^2 + 22^1 = 19 + 25 + 44 + 102 + 221 \\411 &:= 1^9 + 2^7 + 10^2 + 13^1 + 13^2 = 19 + 27 + 102 + 131 + 132 \\411 &:= 1^9 + 2^7 + 3^2 + 16^2 + 17^1 = 19 + 27 + 32 + 162 + 171 \\411 &:= 1^9 + 2^7 + 4^4 + 7^0 + 25^1 = 19 + 27 + 44 + 70 + 251 \\411 &:= 1^9 + 2^8 + 3^2 + 12^2 + 21^0 = 19 + 28 + 32 + 122 + 210 \\411 &:= 2^0 + 2^4 + 2^5 + 15^0 + 19^2 = 20 + 24 + 25 + 150 + 192 \\411 &:= 2^0 + 2^5 + 3^2 + 7^3 + 26^1 = 20 + 25 + 32 + 73 + 261 \\411 &:= 2^0 + 2^5 + 4^4 + 11^2 + 21^0 = 20 + 25 + 44 + 112 + 210 \\411 &:= 2^0 + 2^5 + 6^3 + 12^2 + 18^1 = 20 + 25 + 63 + 122 + 181 \\411 &:= 2^0 + 2^7 + 5^2 + 15^0 + 16^2 = 20 + 27 + 52 + 150 + 162 \\411 &:= 2^0 + 2^8 + 9^1 + 12^2 + 15^0 = 20 + 28 + 91 + 122 + 150 \\411 &:= 2^0 + 3^4 + 4^4 + 7^2 + 24^1 = 20 + 34 + 44 + 72 + 241 \\411 &:= 2^0 + 3^5 + 4^2 + 5^3 + 26^1 = 20 + 35 + 42 + 53 + 261\end{aligned}$$

$$\begin{aligned}
 411 &:= 2^0 + 3^5 + 4^3 + 9^2 + 22^1 = 20 + 35 + 43 + 92 + 221 & 411 &:= 2^5 + 5^2 + 8^0 + 8^2 + 17^2 = 25 + 52 + 80 + 82 + 172 \\
 411 &:= 2^0 + 4^3 + 4^3 + 4^4 + 26^1 = 20 + 43 + 43 + 44 + 261 & 411 &:= 2^6 + 2^6 + 2^8 + 7^0 + 26^1 = 26 + 26 + 28 + 70 + 261 \\
 411 &:= 2^1 + 3^3 + 4^4 + 5^3 + 26^0 = 21 + 33 + 44 + 53 + 260 & 411 &:= 2^6 + 3^2 + 4^0 + 13^1 + 18^2 = 26 + 32 + 40 + 131 + 182 \\
 411 &:= 2^2 + 4^4 + 5^2 + 5^3 + 24^0 = 22 + 44 + 52 + 53 + 240 & 411 &:= 2^6 + 4^0 + 8^1 + 13^2 + 13^2 = 26 + 40 + 81 + 132 + 132 \\
 411 &:= 2^3 + 2^4 + 5^2 + 12^0 + 19^2 = 23 + 24 + 52 + 120 + 192 & 411 &:= 2^6 + 4^0 + 9^1 + 9^2 + 16^2 = 26 + 40 + 91 + 92 + 162 \\
 411 &:= 2^3 + 2^5 + 8^0 + 9^1 + 19^2 = 23 + 25 + 80 + 91 + 192 & 411 &:= 2^6 + 4^2 + 6^1 + 10^0 + 18^2 = 26 + 42 + 61 + 100 + 182 \\
 411 &:= 2^3 + 3^5 + 8^0 + 12^2 + 15^1 = 23 + 35 + 80 + 122 + 151 & 411 &:= 2^6 + 6^0 + 6^1 + 12^2 + 14^2 = 26 + 60 + 61 + 122 + 142 \\
 411 &:= 2^3 + 4^4 + 5^2 + 11^2 + 18^0 = 23 + 44 + 52 + 112 + 180 & 411 &:= 2^6 + 6^0 + 7^2 + 8^1 + 17^2 = 26 + 60 + 72 + 81 + 172 \\
 411 &:= 2^3 + 4^4 + 5^3 + 8^0 + 21^1 = 23 + 44 + 53 + 80 + 211 & 411 &:= 2^7 + 2^7 + 3^4 + 7^2 + 25^1 = 27 + 27 + 34 + 72 + 251 \\
 411 &:= 2^4 + 2^5 + 3^0 + 14^0 + 19^2 = 24 + 25 + 30 + 140 + 192 & 411 &:= 2^7 + 2^7 + 4^3 + 4^3 + 27^1 = 27 + 27 + 43 + 43 + 271 \\
 411 &:= 2^4 + 2^5 + 4^0 + 13^0 + 19^2 = 24 + 25 + 40 + 130 + 192 & 411 &:= 2^7 + 3^0 + 5^2 + 14^0 + 16^2 = 27 + 30 + 52 + 140 + 162 \\
 411 &:= 2^4 + 2^5 + 5^0 + 12^0 + 19^2 = 24 + 25 + 50 + 120 + 192 & 411 &:= 2^7 + 4^0 + 5^2 + 13^0 + 16^2 = 27 + 40 + 52 + 130 + 162 \\
 411 &:= 2^4 + 2^5 + 6^0 + 11^0 + 19^2 = 24 + 25 + 60 + 110 + 192 & 411 &:= 2^7 + 5^0 + 5^2 + 12^0 + 16^2 = 27 + 50 + 52 + 120 + 162 \\
 411 &:= 2^4 + 2^5 + 7^0 + 10^0 + 19^2 = 24 + 25 + 70 + 100 + 192 & 411 &:= 2^7 + 5^2 + 6^0 + 11^0 + 16^2 = 27 + 52 + 60 + 110 + 162 \\
 411 &:= 2^4 + 2^5 + 8^0 + 9^0 + 19^2 = 24 + 25 + 80 + 90 + 192 & 411 &:= 2^7 + 5^2 + 7^0 + 10^0 + 16^2 = 27 + 52 + 70 + 100 + 162 \\
 411 &:= 2^4 + 2^6 + 2^8 + 7^2 + 26^1 = 24 + 26 + 28 + 72 + 261 & 411 &:= 2^7 + 5^2 + 8^0 + 9^0 + 16^2 = 27 + 52 + 80 + 90 + 162 \\
 411 &:= 2^4 + 3^2 + 6^3 + 13^2 + 16^0 = 24 + 32 + 63 + 132 + 160 & 411 &:= 2^8 + 3^0 + 9^1 + 12^2 + 14^0 = 28 + 30 + 91 + 122 + 140 \\
 411 &:= 2^4 + 3^3 + 4^0 + 7^3 + 24^1 = 24 + 33 + 40 + 73 + 241 & 411 &:= 2^8 + 4^0 + 9^1 + 12^2 + 13^0 = 28 + 40 + 91 + 122 + 130 \\
 411 &:= 2^4 + 4^4 + 6^0 + 11^2 + 17^1 = 24 + 44 + 60 + 112 + 171 & 411 &:= 2^8 + 5^0 + 9^1 + 12^0 + 12^2 = 28 + 50 + 91 + 120 + 122 \\
 411 &:= 2^4 + 5^3 + 10^0 + 10^2 + 13^2 = 24 + 53 + 100 + 102 + 132 & 411 &:= 2^8 + 6^0 + 9^1 + 11^0 + 12^2 = 28 + 60 + 91 + 110 + 122 \\
 411 &:= 2^5 + 3^0 + 4^4 + 11^2 + 20^0 = 25 + 30 + 44 + 112 + 200 & 411 &:= 2^8 + 7^0 + 9^1 + 10^0 + 12^2 = 28 + 70 + 91 + 100 + 122 \\
 411 &:= 2^5 + 3^2 + 8^0 + 12^2 + 15^2 = 25 + 32 + 80 + 122 + 152 & 411 &:= 2^8 + 8^0 + 9^0 + 9^1 + 12^2 = 28 + 80 + 90 + 91 + 122 \\
 411 &:= 2^5 + 4^0 + 4^4 + 11^2 + 19^0 = 25 + 40 + 44 + 112 + 190 & 411 &:= 3^1 + 3^5 + 4^3 + 10^2 + 20^0 = 31 + 35 + 43 + 102 + 200 \\
 411 &:= 2^5 + 4^2 + 7^3 + 8^0 + 19^1 = 25 + 42 + 73 + 80 + 191 & 411 &:= 3^2 + 3^4 + 4^3 + 14^0 + 16^2 = 32 + 34 + 43 + 140 + 162 \\
 411 &:= 2^5 + 4^4 + 10^0 + 11^2 + 13^0 = 25 + 44 + 100 + 112 + 130 & 411 &:= 3^2 + 4^3 + 4^4 + 9^2 + 20^0 = 32 + 43 + 44 + 92 + 200 \\
 411 &:= 2^5 + 4^4 + 11^0 + 11^2 + 12^0 = 25 + 44 + 110 + 112 + 120 & 411 &:= 3^3 + 3^5 + 4^0 + 11^2 + 19^1 = 33 + 35 + 40 + 112 + 191 \\
 411 &:= 2^5 + 4^4 + 5^0 + 11^2 + 18^0 = 25 + 44 + 50 + 112 + 180 & 411 &:= 3^4 + 4^3 + 10^0 + 11^2 + 12^2 = 34 + 43 + 100 + 112 + 122 \\
 411 &:= 2^5 + 4^4 + 6^0 + 11^2 + 17^0 = 25 + 44 + 60 + 112 + 170 & 411 &:= 3^4 + 4^4 + 8^2 + 9^1 + 16^0 = 34 + 44 + 82 + 91 + 160 \\
 411 &:= 2^5 + 4^4 + 7^0 + 11^2 + 16^0 = 25 + 44 + 70 + 112 + 160 & 411 &:= 3^4 + 6^3 + 7^2 + 8^2 + 16^0 = 34 + 63 + 72 + 82 + 160 \\
 411 &:= 2^5 + 4^4 + 8^0 + 11^2 + 15^0 = 25 + 44 + 80 + 112 + 150 & 411 &:= 3^5 + 5^2 + 5^3 + 10^0 + 17^1 = 35 + 52 + 53 + 100 + 171 \\
 411 &:= 2^5 + 4^4 + 9^0 + 11^2 + 14^0 = 25 + 44 + 90 + 112 + 140 & 411 &:= 3^5 + 5^3 + 6^1 + 6^2 + 20^0 = 35 + 53 + 61 + 62 + 200 \\
 411 &:= 2^5 + 5^2 + 7^3 + 10^1 + 16^0 = 25 + 52 + 73 + 101 + 160
 \end{aligned}$$

2.2.313 Number 412

$$\begin{aligned}
 412 &:= 1^4 + 2^5 + 18^1 + 19^2 = 14 + 25 + 181 + 192 & 412 &:= 1^7 + 11^1 + 12^2 + 16^2 = 17 + 111 + 122 + 162 \\
 412 &:= 1^4 + 3^5 + 12^2 + 24^1 = 14 + 35 + 122 + 241 & 412 &:= 1^7 + 6^2 + 14^1 + 19^2 = 17 + 62 + 141 + 192 \\
 412 &:= 1^4 + 4^4 + 5^3 + 30^1 = 14 + 44 + 53 + 301 & 412 &:= 1^8 + 11^0 + 11^2 + 17^2 = 18 + 110 + 112 + 172
 \end{aligned}$$

$$\begin{aligned}
 412 &:= 1^8 + 7^2 + 13^0 + 19^2 &= 18 + 72 + 130 + 192 \\
 412 &:= 1^9 + 9^0 + 10^1 + 20^2 &= 19 + 90 + 101 + 202 \\
 412 &:= 2^3 + 2^5 + 7^3 + 29^1 &= 23 + 25 + 73 + 291 \\
 412 &:= 2^5 + 4^4 + 10^2 + 24^1 &= 25 + 44 + 102 + 241 \\
 412 &:= 2^7 + 10^2 + 13^2 + 15^1 &= 27 + 102 + 132 + 151 \\
 412 &:= 2^7 + 3^2 + 16^2 + 19^1 &= 27 + 32 + 162 + 191 \\
 412 &:= 2^7 + 3^3 + 16^2 + 19^0 &= 27 + 33 + 162 + 190 \\
 412 &:= 2^7 + 4^4 + 7^0 + 27^1 &= 27 + 44 + 70 + 271 \\
 412 &:= 2^8 + 3^0 + 5^3 + 30^1 &= 28 + 30 + 53 + 301 \\
 412 &:= 1^0 + 1^4 + 2^5 + 17^1 + 19^2 &= 10 + 14 + 25 + 171 + 192 \\
 412 &:= 1^0 + 1^4 + 3^5 + 12^2 + 23^1 &= 10 + 14 + 35 + 122 + 231 \\
 412 &:= 1^0 + 1^7 + 10^1 + 12^2 + 16^2 &= 10 + 17 + 101 + 122 + 162 \\
 412 &:= 1^0 + 1^7 + 6^2 + 13^1 + 19^2 &= 10 + 17 + 62 + 131 + 192 \\
 412 &:= 1^0 + 1^8 + 3^2 + 15^0 + 20^2 &= 10 + 18 + 32 + 150 + 202 \\
 412 &:= 1^0 + 1^9 + 9^0 + 9^1 + 20^2 &= 10 + 19 + 90 + 91 + 202 \\
 412 &:= 1^0 + 2^5 + 4^4 + 10^2 + 23^1 &= 10 + 25 + 44 + 102 + 231 \\
 412 &:= 1^0 + 2^7 + 10^2 + 13^2 + 14^1 &= 10 + 27 + 102 + 132 + 141 \\
 412 &:= 1^0 + 2^7 + 3^2 + 16^2 + 18^1 &= 10 + 27 + 32 + 162 + 181 \\
 412 &:= 1^0 + 2^7 + 4^4 + 7^0 + 26^1 &= 10 + 27 + 44 + 70 + 261 \\
 412 &:= 1^1 + 1^3 + 2^5 + 17^1 + 19^2 &= 11 + 13 + 25 + 171 + 192 \\
 412 &:= 1^1 + 1^3 + 3^5 + 12^2 + 23^1 &= 11 + 13 + 35 + 122 + 231 \\
 412 &:= 1^1 + 1^6 + 10^1 + 12^2 + 16^2 &= 11 + 16 + 101 + 122 + 162 \\
 412 &:= 1^1 + 1^6 + 6^2 + 13^1 + 19^2 &= 11 + 16 + 62 + 131 + 192 \\
 412 &:= 1^1 + 1^7 + 3^2 + 15^0 + 20^2 &= 11 + 17 + 32 + 150 + 202 \\
 412 &:= 1^1 + 1^8 + 9^0 + 9^1 + 20^2 &= 11 + 18 + 90 + 91 + 202 \\
 412 &:= 1^1 + 2^5 + 3^2 + 7^3 + 27^1 &= 11 + 25 + 32 + 73 + 271 \\
 412 &:= 1^1 + 2^5 + 6^3 + 12^2 + 19^1 &= 11 + 25 + 63 + 122 + 191 \\
 412 &:= 1^1 + 2^8 + 10^1 + 12^2 + 15^0 &= 11 + 28 + 101 + 122 + 150 \\
 412 &:= 1^1 + 3^4 + 4^4 + 7^2 + 25^1 &= 11 + 34 + 44 + 72 + 251 \\
 412 &:= 1^1 + 3^5 + 4^2 + 5^3 + 27^1 &= 11 + 35 + 42 + 53 + 271 \\
 412 &:= 1^1 + 3^5 + 4^3 + 9^2 + 23^1 &= 11 + 35 + 43 + 92 + 231 \\
 412 &:= 1^1 + 4^3 + 4^3 + 4^4 + 27^1 &= 11 + 43 + 43 + 44 + 271 \\
 412 &:= 1^2 + 1^2 + 2^5 + 17^1 + 19^2 &= 12 + 12 + 25 + 171 + 192 \\
 412 &:= 1^2 + 1^2 + 3^5 + 12^2 + 23^1 &= 12 + 12 + 35 + 122 + 231 \\
 412 &:= 1^2 + 1^5 + 10^1 + 12^2 + 16^2 &= 12 + 15 + 101 + 122 + 162 \\
 412 &:= 1^2 + 1^5 + 6^2 + 13^1 + 19^2 &= 12 + 15 + 62 + 131 + 192 \\
 412 &:= 1^2 + 1^6 + 3^2 + 15^0 + 20^2 &= 12 + 16 + 32 + 150 + 202 \\
 412 &:= 1^2 + 1^7 + 9^0 + 9^1 + 20^2 &= 12 + 17 + 90 + 91 + 202
 \end{aligned}$$

$$\begin{aligned}
 412 &:= 1^2 + 2^5 + 10^1 + 12^2 + 15^2 &= 12 + 25 + 101 + 122 + 152 \\
 412 &:= 1^2 + 2^6 + 11^0 + 11^2 + 15^2 &= 12 + 26 + 110 + 112 + 152 \\
 412 &:= 1^2 + 2^6 + 3^1 + 7^3 + 27^0 &= 12 + 26 + 31 + 73 + 270 \\
 412 &:= 1^2 + 3^5 + 7^2 + 10^2 + 19^1 &= 12 + 35 + 72 + 102 + 191 \\
 412 &:= 1^3 + 1^4 + 10^1 + 12^2 + 16^2 &= 13 + 14 + 101 + 122 + 162 \\
 412 &:= 1^3 + 1^4 + 6^2 + 13^1 + 19^2 &= 13 + 14 + 62 + 131 + 192 \\
 412 &:= 1^3 + 1^5 + 3^2 + 15^0 + 20^2 &= 13 + 15 + 32 + 150 + 202 \\
 412 &:= 1^3 + 1^6 + 9^0 + 9^1 + 20^2 &= 13 + 16 + 90 + 91 + 202 \\
 412 &:= 1^3 + 2^1 + 2^5 + 16^1 + 19^2 &= 13 + 21 + 25 + 161 + 192 \\
 412 &:= 1^3 + 2^1 + 3^5 + 12^2 + 22^1 &= 13 + 21 + 35 + 122 + 221 \\
 412 &:= 1^3 + 2^3 + 3^3 + 15^1 + 19^2 &= 13 + 23 + 33 + 151 + 192 \\
 412 &:= 1^3 + 2^3 + 4^3 + 15^1 + 18^2 &= 13 + 23 + 43 + 151 + 182 \\
 412 &:= 1^3 + 2^3 + 6^2 + 7^3 + 24^1 &= 13 + 23 + 62 + 73 + 241 \\
 412 &:= 1^3 + 2^3 + 6^3 + 13^2 + 18^1 &= 13 + 23 + 63 + 132 + 181 \\
 412 &:= 1^3 + 2^5 + 3^1 + 15^1 + 19^2 &= 13 + 25 + 31 + 151 + 192 \\
 412 &:= 1^3 + 2^5 + 4^1 + 14^1 + 19^2 &= 13 + 25 + 41 + 141 + 192 \\
 412 &:= 1^3 + 2^5 + 5^1 + 13^1 + 19^2 &= 13 + 25 + 51 + 131 + 192 \\
 412 &:= 1^3 + 2^5 + 6^1 + 12^1 + 19^2 &= 13 + 25 + 61 + 121 + 192 \\
 412 &:= 1^3 + 2^5 + 7^1 + 11^1 + 19^2 &= 13 + 25 + 71 + 111 + 192 \\
 412 &:= 1^3 + 2^5 + 8^1 + 10^1 + 19^2 &= 13 + 25 + 81 + 101 + 192 \\
 412 &:= 1^3 + 2^5 + 9^1 + 9^1 + 19^2 &= 13 + 25 + 91 + 91 + 192 \\
 412 &:= 1^3 + 3^1 + 3^5 + 12^2 + 21^1 &= 13 + 31 + 35 + 122 + 211 \\
 412 &:= 1^3 + 3^1 + 4^4 + 5^3 + 27^1 &= 13 + 31 + 44 + 53 + 271 \\
 412 &:= 1^3 + 3^3 + 4^2 + 7^3 + 25^1 &= 13 + 33 + 42 + 73 + 251 \\
 412 &:= 1^3 + 3^5 + 10^1 + 12^2 + 14^1 &= 13 + 35 + 101 + 122 + 141 \\
 412 &:= 1^3 + 3^5 + 11^1 + 12^2 + 13^1 &= 13 + 35 + 111 + 122 + 131 \\
 412 &:= 1^3 + 3^5 + 12^1 + 12^1 + 12^2 &= 13 + 35 + 121 + 121 + 122 \\
 412 &:= 1^3 + 3^5 + 4^1 + 12^2 + 20^1 &= 13 + 35 + 41 + 122 + 201 \\
 412 &:= 1^3 + 3^5 + 5^1 + 12^2 + 19^1 &= 13 + 35 + 51 + 122 + 191 \\
 412 &:= 1^3 + 3^5 + 6^1 + 12^2 + 18^1 &= 13 + 35 + 61 + 122 + 181 \\
 412 &:= 1^3 + 3^5 + 7^1 + 12^2 + 17^1 &= 13 + 35 + 71 + 122 + 171 \\
 412 &:= 1^3 + 3^5 + 8^1 + 12^2 + 16^1 &= 13 + 35 + 81 + 122 + 161 \\
 412 &:= 1^3 + 3^5 + 9^1 + 12^2 + 15^1 &= 13 + 35 + 91 + 122 + 151 \\
 412 &:= 1^3 + 4^1 + 4^4 + 5^3 + 26^1 &= 13 + 41 + 44 + 53 + 261 \\
 412 &:= 1^3 + 4^4 + 5^1 + 5^3 + 25^1 &= 13 + 44 + 51 + 53 + 251 \\
 412 &:= 1^3 + 4^4 + 5^3 + 10^1 + 20^1 &= 13 + 44 + 53 + 101 + 201 \\
 412 &:= 1^3 + 4^4 + 5^3 + 11^1 + 19^1 &= 13 + 44 + 53 + 111 + 191 \\
 412 &:= 1^3 + 4^4 + 5^3 + 12^1 + 18^1 &= 13 + 44 + 53 + 121 + 181
 \end{aligned}$$

$$\begin{aligned} 412 &:= 1^3 + 4^4 + 5^3 + 13^1 + 17^1 = 13 + 44 + 53 + 131 + 171 \\ 412 &:= 1^3 + 4^4 + 5^3 + 14^1 + 16^1 = 13 + 44 + 53 + 141 + 161 \\ 412 &:= 1^3 + 4^4 + 5^3 + 15^1 + 15^1 = 13 + 44 + 53 + 151 + 151 \\ 412 &:= 1^3 + 4^4 + 5^3 + 6^1 + 24^1 = 13 + 44 + 53 + 61 + 241 \\ 412 &:= 1^3 + 4^4 + 5^3 + 7^1 + 23^1 = 13 + 44 + 53 + 71 + 231 \\ 412 &:= 1^3 + 4^4 + 5^3 + 8^1 + 22^1 = 13 + 44 + 53 + 81 + 221 \\ 412 &:= 1^3 + 4^4 + 5^3 + 9^1 + 21^1 = 13 + 44 + 53 + 91 + 211 \\ 412 &:= 1^3 + 4^4 + 6^2 + 10^2 + 19^1 = 13 + 44 + 62 + 102 + 191 \\ 412 &:= 1^3 + 5^3 + 5^3 + 12^2 + 17^1 = 13 + 53 + 53 + 122 + 171 \\ 412 &:= 1^3 + 5^3 + 6^3 + 7^2 + 21^1 = 13 + 53 + 63 + 72 + 211 \\ 412 &:= 1^4 + 1^4 + 3^2 + 15^0 + 20^2 = 14 + 14 + 32 + 150 + 202 \\ 412 &:= 1^4 + 1^5 + 9^0 + 9^1 + 20^2 = 14 + 15 + 90 + 91 + 202 \\ 412 &:= 1^4 + 2^3 + 9^1 + 13^2 + 15^2 = 14 + 23 + 91 + 132 + 152 \\ 412 &:= 1^4 + 2^4 + 9^0 + 13^2 + 15^2 = 14 + 24 + 90 + 132 + 152 \\ 412 &:= 1^4 + 3^2 + 3^3 + 14^1 + 19^2 = 14 + 32 + 33 + 141 + 192 \\ 412 &:= 1^4 + 3^2 + 4^3 + 14^1 + 18^2 = 14 + 32 + 43 + 141 + 182 \\ 412 &:= 1^4 + 3^2 + 6^2 + 7^3 + 23^1 = 14 + 32 + 62 + 73 + 231 \\ 412 &:= 1^4 + 3^2 + 6^3 + 13^2 + 17^1 = 14 + 32 + 63 + 132 + 171 \\ 412 &:= 1^4 + 3^3 + 7^2 + 11^1 + 18^2 = 14 + 33 + 72 + 111 + 182 \\ 412 &:= 1^4 + 4^2 + 5^3 + 14^1 + 16^2 = 14 + 42 + 53 + 141 + 162 \\ 412 &:= 1^4 + 4^3 + 9^1 + 13^2 + 13^2 = 14 + 43 + 91 + 132 + 132 \\ 412 &:= 1^4 + 4^3 + 9^2 + 10^1 + 16^2 = 14 + 43 + 92 + 101 + 162 \\ 412 &:= 1^4 + 5^2 + 11^2 + 11^2 + 12^2 = 14 + 52 + 112 + 112 + 122 \\ 412 &:= 1^4 + 5^3 + 7^2 + 12^1 + 15^2 = 14 + 53 + 72 + 121 + 152 \\ 412 &:= 1^4 + 6^2 + 6^3 + 12^2 + 15^1 = 14 + 62 + 63 + 122 + 151 \\ 412 &:= 1^4 + 6^3 + 9^2 + 10^2 + 14^1 = 14 + 63 + 92 + 102 + 141 \\ 412 &:= 1^4 + 7^2 + 7^2 + 12^2 + 13^2 = 14 + 72 + 72 + 122 + 132 \\ 412 &:= 1^5 + 3^1 + 4^3 + 7^3 + 25^0 = 15 + 31 + 43 + 73 + 250 \\ 412 &:= 1^5 + 3^2 + 8^1 + 13^2 + 15^2 = 15 + 32 + 81 + 132 + 152 \\ 412 &:= 1^5 + 3^4 + 5^1 + 13^0 + 18^2 = 15 + 34 + 51 + 130 + 182 \\ 412 &:= 1^5 + 4^3 + 9^0 + 11^2 + 15^2 = 15 + 43 + 90 + 112 + 152 \\ 412 &:= 1^5 + 4^4 + 10^1 + 12^2 + 13^0 = 15 + 44 + 101 + 122 + 130 \\ 412 &:= 1^5 + 5^1 + 9^2 + 10^2 + 15^2 = 15 + 51 + 92 + 102 + 152 \\ 412 &:= 1^5 + 5^2 + 6^3 + 13^2 + 15^0 = 15 + 52 + 63 + 132 + 150 \\ 412 &:= 1^5 + 6^1 + 6^2 + 12^2 + 15^2 = 15 + 61 + 62 + 122 + 152 \\ 412 &:= 1^5 + 6^1 + 7^2 + 10^2 + 16^2 = 15 + 61 + 72 + 102 + 162 \\ 412 &:= 1^6 + 2^1 + 2^3 + 15^0 + 20^2 = 16 + 21 + 23 + 150 + 202 \\ 412 &:= 1^6 + 2^1 + 6^2 + 12^1 + 19^2 = 16 + 21 + 62 + 121 + 192 \end{aligned}$$

$$\begin{aligned} 412 &:= 1^6 + 2^1 + 9^1 + 12^2 + 16^2 = 16 + 21 + 91 + 122 + 162 \\ 412 &:= 1^6 + 2^7 + 2^8 + 8^0 + 26^1 = 16 + 27 + 28 + 80 + 261 \\ 412 &:= 1^6 + 3^1 + 6^2 + 11^1 + 19^2 = 16 + 31 + 62 + 111 + 192 \\ 412 &:= 1^6 + 3^1 + 7^3 + 8^2 + 21^0 = 16 + 31 + 73 + 82 + 210 \\ 412 &:= 1^6 + 3^1 + 8^1 + 12^2 + 16^2 = 16 + 31 + 81 + 122 + 162 \\ 412 &:= 1^6 + 4^1 + 6^2 + 10^1 + 19^2 = 16 + 41 + 62 + 101 + 192 \\ 412 &:= 1^6 + 4^1 + 7^1 + 12^2 + 16^2 = 16 + 41 + 71 + 122 + 162 \\ 412 &:= 1^6 + 4^2 + 7^0 + 13^2 + 15^2 = 16 + 42 + 70 + 132 + 152 \\ 412 &:= 1^6 + 5^0 + 8^2 + 11^2 + 15^2 = 16 + 50 + 82 + 112 + 152 \\ 412 &:= 1^6 + 5^1 + 6^1 + 12^2 + 16^2 = 16 + 51 + 61 + 122 + 162 \\ 412 &:= 1^6 + 5^1 + 6^2 + 9^1 + 19^2 = 16 + 51 + 62 + 91 + 192 \\ 412 &:= 1^6 + 6^1 + 6^2 + 8^1 + 19^2 = 16 + 61 + 62 + 81 + 192 \\ 412 &:= 1^6 + 6^2 + 7^1 + 7^1 + 19^2 = 16 + 62 + 71 + 71 + 192 \\ 412 &:= 1^6 + 7^0 + 7^2 + 7^3 + 18^1 = 16 + 70 + 72 + 73 + 181 \\ 412 &:= 1^7 + 2^2 + 6^1 + 11^0 + 20^2 = 17 + 22 + 61 + 110 + 202 \\ 412 &:= 1^7 + 5^1 + 7^0 + 9^2 + 18^2 = 17 + 51 + 70 + 92 + 182 \\ 412 &:= 1^8 + 2^0 + 3^2 + 14^0 + 20^2 = 18 + 20 + 32 + 140 + 202 \\ 412 &:= 1^8 + 2^1 + 8^1 + 9^0 + 20^2 = 18 + 21 + 81 + 90 + 202 \\ 412 &:= 1^8 + 3^0 + 3^2 + 13^0 + 20^2 = 18 + 30 + 32 + 130 + 202 \\ 412 &:= 1^8 + 3^1 + 7^1 + 9^0 + 20^2 = 18 + 31 + 71 + 90 + 202 \\ 412 &:= 1^8 + 3^2 + 4^0 + 12^0 + 20^2 = 18 + 32 + 40 + 120 + 202 \\ 412 &:= 1^8 + 3^2 + 5^0 + 11^0 + 20^2 = 18 + 32 + 50 + 110 + 202 \\ 412 &:= 1^8 + 3^2 + 6^0 + 10^0 + 20^2 = 18 + 32 + 60 + 100 + 202 \\ 412 &:= 1^8 + 3^2 + 7^0 + 9^0 + 20^2 = 18 + 32 + 70 + 90 + 202 \\ 412 &:= 1^8 + 3^2 + 8^0 + 8^0 + 20^2 = 18 + 32 + 80 + 80 + 202 \\ 412 &:= 1^8 + 4^1 + 6^1 + 9^0 + 20^2 = 18 + 41 + 61 + 90 + 202 \\ 412 &:= 1^8 + 5^1 + 5^1 + 9^0 + 20^2 = 18 + 51 + 51 + 90 + 202 \\ 412 &:= 1^9 + 1^9 + 3^2 + 14^0 + 20^2 = 19 + 19 + 32 + 140 + 202 \\ 412 &:= 1^9 + 2^0 + 8^0 + 9^1 + 20^2 = 19 + 20 + 80 + 91 + 202 \\ 412 &:= 1^9 + 3^0 + 7^0 + 9^1 + 20^2 = 19 + 30 + 70 + 91 + 202 \\ 412 &:= 1^9 + 4^0 + 6^0 + 9^1 + 20^2 = 19 + 40 + 60 + 91 + 202 \\ 412 &:= 1^9 + 5^0 + 5^0 + 9^1 + 20^2 = 19 + 50 + 50 + 91 + 202 \\ 412 &:= 2^0 + 2^7 + 4^4 + 6^0 + 26^1 = 20 + 27 + 44 + 60 + 261 \\ 412 &:= 2^1 + 2^4 + 2^5 + 15^0 + 19^2 = 21 + 24 + 25 + 150 + 192 \\ 412 &:= 2^1 + 2^5 + 3^2 + 7^3 + 26^1 = 21 + 25 + 32 + 73 + 261 \\ 412 &:= 2^1 + 2^5 + 4^4 + 11^2 + 21^0 = 21 + 25 + 44 + 112 + 210 \\ 412 &:= 2^1 + 2^5 + 6^3 + 12^2 + 18^1 = 21 + 25 + 63 + 122 + 181 \\ 412 &:= 2^1 + 2^7 + 5^2 + 15^0 + 16^2 = 21 + 27 + 52 + 150 + 162 \end{aligned}$$

$$\begin{aligned}412 &:= 2^1 + 2^8 + 9^1 + 12^2 + 15^0 = 21 + 28 + 91 + 122 + 150 \\412 &:= 2^1 + 3^4 + 4^4 + 7^2 + 24^1 = 21 + 34 + 44 + 72 + 241 \\412 &:= 2^1 + 3^5 + 4^2 + 5^3 + 26^1 = 21 + 35 + 42 + 53 + 261 \\412 &:= 2^1 + 3^5 + 4^3 + 9^2 + 22^1 = 21 + 35 + 43 + 92 + 221 \\412 &:= 2^1 + 4^3 + 4^3 + 4^4 + 26^1 = 21 + 43 + 43 + 44 + 261 \\412 &:= 2^2 + 2^4 + 5^2 + 7^3 + 24^1 = 22 + 24 + 52 + 73 + 241 \\412 &:= 2^2 + 3^5 + 4^3 + 10^2 + 21^0 = 22 + 35 + 43 + 102 + 210 \\412 &:= 2^2 + 3^5 + 5^2 + 11^2 + 19^1 = 22 + 35 + 52 + 112 + 191 \\412 &:= 2^3 + 2^3 + 5^3 + 15^1 + 16^2 = 23 + 23 + 53 + 151 + 162 \\412 &:= 2^3 + 2^6 + 3^0 + 15^1 + 18^2 = 23 + 26 + 30 + 151 + 182 \\412 &:= 2^3 + 3^2 + 3^3 + 7^3 + 25^1 = 23 + 32 + 33 + 73 + 251 \\412 &:= 2^3 + 3^3 + 6^3 + 12^2 + 17^1 = 23 + 33 + 63 + 122 + 171 \\412 &:= 2^3 + 3^4 + 10^1 + 12^2 + 13^2 = 23 + 34 + 101 + 122 + 132 \\412 &:= 2^3 + 3^5 + 4^2 + 12^2 + 19^0 = 23 + 35 + 42 + 122 + 190 \\412 &:= 2^3 + 4^4 + 7^2 + 9^2 + 18^1 = 23 + 44 + 72 + 92 + 181 \\412 &:= 2^4 + 3^3 + 5^2 + 7^3 + 23^0 = 24 + 33 + 52 + 73 + 230 \\412 &:= 2^4 + 3^4 + 5^2 + 13^0 + 17^2 = 24 + 34 + 52 + 130 + 172 \\412 &:= 2^4 + 3^5 + 8^1 + 12^2 + 15^0 = 24 + 35 + 81 + 122 + 150 \\412 &:= 2^4 + 4^4 + 5^3 + 14^1 + 15^0 = 24 + 44 + 53 + 141 + 150 \\412 &:= 2^4 + 5^2 + 9^2 + 11^2 + 13^2 = 24 + 52 + 92 + 112 + 132 \\412 &:= 2^4 + 5^3 + 8^2 + 11^1 + 14^2 = 24 + 53 + 82 + 111 + 142 \\412 &:= 2^4 + 6^2 + 8^2 + 10^2 + 14^2 = 24 + 62 + 82 + 102 + 142 \\412 &:= 2^5 + 3^1 + 3^2 + 7^3 + 25^1 = 25 + 31 + 32 + 73 + 251 \\412 &:= 2^5 + 3^1 + 6^3 + 12^2 + 17^1 = 25 + 31 + 63 + 122 + 171 \\412 &:= 2^5 + 3^2 + 4^1 + 7^3 + 24^1 = 25 + 32 + 41 + 73 + 241 \\412 &:= 2^5 + 3^2 + 5^1 + 7^3 + 23^1 = 25 + 32 + 51 + 73 + 231 \\412 &:= 2^5 + 3^2 + 6^1 + 7^3 + 22^1 = 25 + 32 + 61 + 73 + 221 \\412 &:= 2^5 + 3^2 + 6^2 + 11^1 + 18^2 = 25 + 32 + 62 + 111 + 182 \\412 &:= 2^5 + 3^2 + 7^1 + 7^3 + 21^1 = 25 + 32 + 71 + 73 + 211 \\412 &:= 2^5 + 3^2 + 7^3 + 10^1 + 18^1 = 25 + 32 + 73 + 101 + 181 \\412 &:= 2^5 + 3^2 + 7^3 + 11^1 + 17^1 = 25 + 32 + 73 + 111 + 171 \\412 &:= 2^5 + 3^2 + 7^3 + 12^1 + 16^1 = 25 + 32 + 73 + 121 + 161 \\412 &:= 2^5 + 3^2 + 7^3 + 13^1 + 15^1 = 25 + 32 + 73 + 131 + 151 \\412 &:= 2^5 + 3^2 + 7^3 + 14^1 + 14^1 = 25 + 32 + 73 + 141 + 141 \\412 &:= 2^5 + 3^2 + 7^3 + 8^1 + 20^1 = 25 + 32 + 73 + 81 + 201 \\412 &:= 2^5 + 3^2 + 7^3 + 9^1 + 19^1 = 25 + 32 + 73 + 91 + 191 \\412 &:= 2^5 + 3^3 + 7^3 + 9^1 + 19^0 = 25 + 33 + 73 + 91 + 190 \\412 &:= 2^5 + 3^4 + 9^0 + 9^1 + 17^2 = 25 + 34 + 90 + 91 + 172\end{aligned}$$

$$\begin{aligned}412 &:= 2^5 + 4^1 + 6^3 + 12^2 + 16^1 = 25 + 41 + 63 + 122 + 161 \\412 &:= 2^5 + 4^2 + 8^1 + 10^2 + 16^2 = 25 + 42 + 81 + 102 + 162 \\412 &:= 2^5 + 5^1 + 6^3 + 12^2 + 15^1 = 25 + 51 + 63 + 122 + 151 \\412 &:= 2^5 + 6^1 + 6^2 + 13^2 + 13^2 = 25 + 61 + 62 + 132 + 132 \\412 &:= 2^5 + 6^1 + 6^3 + 12^2 + 14^1 = 25 + 61 + 63 + 122 + 141 \\412 &:= 2^5 + 6^1 + 7^2 + 10^2 + 15^2 = 25 + 61 + 72 + 102 + 152 \\412 &:= 2^5 + 6^2 + 7^1 + 9^2 + 16^2 = 25 + 62 + 71 + 92 + 162 \\412 &:= 2^5 + 6^3 + 10^1 + 10^1 + 12^2 = 25 + 63 + 101 + 101 + 122 \\412 &:= 2^5 + 6^3 + 7^1 + 12^2 + 13^1 = 25 + 63 + 71 + 122 + 131 \\412 &:= 2^5 + 6^3 + 8^1 + 12^1 + 12^2 = 25 + 63 + 81 + 121 + 122 \\412 &:= 2^5 + 6^3 + 9^1 + 11^1 + 12^2 = 25 + 63 + 91 + 111 + 122 \\412 &:= 2^6 + 3^2 + 7^2 + 11^0 + 17^2 = 26 + 32 + 72 + 110 + 172 \\412 &:= 2^6 + 3^2 + 9^0 + 13^2 + 13^2 = 26 + 32 + 90 + 132 + 132 \\412 &:= 2^6 + 6^3 + 10^1 + 11^0 + 11^2 = 26 + 63 + 101 + 110 + 112 \\412 &:= 2^7 + 2^7 + 2^7 + 6^0 + 27^1 = 27 + 27 + 27 + 60 + 271 \\412 &:= 2^7 + 3^0 + 4^4 + 5^0 + 26^1 = 27 + 30 + 44 + 50 + 261 \\412 &:= 2^7 + 4^0 + 4^0 + 4^4 + 26^1 = 27 + 40 + 40 + 44 + 261 \\412 &:= 2^7 + 4^2 + 7^0 + 11^1 + 16^2 = 27 + 42 + 70 + 111 + 162 \\412 &:= 2^7 + 6^1 + 9^0 + 9^2 + 14^2 = 27 + 61 + 90 + 92 + 142 \\412 &:= 2^7 + 7^0 + 7^2 + 9^1 + 15^2 = 27 + 70 + 72 + 91 + 152 \\412 &:= 2^8 + 3^1 + 8^1 + 12^2 + 15^0 = 28 + 31 + 81 + 122 + 150 \\412 &:= 2^8 + 4^1 + 7^1 + 12^2 + 15^0 = 28 + 41 + 71 + 122 + 150 \\412 &:= 2^8 + 5^1 + 6^1 + 12^2 + 15^0 = 28 + 51 + 61 + 122 + 150 \\412 &:= 3^0 + 3^4 + 3^5 + 8^2 + 23^1 = 30 + 34 + 35 + 82 + 231 \\412 &:= 3^1 + 3^4 + 4^4 + 7^2 + 23^1 = 31 + 34 + 44 + 72 + 231 \\412 &:= 3^1 + 3^5 + 4^2 + 5^3 + 25^1 = 31 + 35 + 42 + 53 + 251 \\412 &:= 3^1 + 3^5 + 4^3 + 9^2 + 21^1 = 31 + 35 + 43 + 92 + 211 \\412 &:= 3^1 + 4^3 + 4^3 + 4^4 + 25^1 = 31 + 43 + 43 + 44 + 251 \\412 &:= 3^2 + 3^3 + 4^4 + 10^2 + 20^1 = 32 + 33 + 44 + 102 + 201 \\412 &:= 3^3 + 3^4 + 6^2 + 12^1 + 16^2 = 33 + 34 + 62 + 121 + 162 \\412 &:= 3^3 + 3^5 + 5^3 + 13^0 + 16^1 = 33 + 35 + 53 + 130 + 161 \\412 &:= 3^3 + 4^3 + 4^4 + 8^2 + 21^0 = 33 + 43 + 44 + 82 + 210 \\412 &:= 3^4 + 3^5 + 6^1 + 9^2 + 19^0 = 34 + 35 + 61 + 92 + 190 \\412 &:= 3^4 + 4^1 + 4^4 + 7^2 + 22^1 = 34 + 41 + 44 + 72 + 221 \\412 &:= 3^4 + 4^2 + 6^3 + 9^2 + 18^1 = 34 + 42 + 63 + 92 + 181 \\412 &:= 3^4 + 4^3 + 4^4 + 10^1 + 19^0 = 34 + 43 + 44 + 101 + 190 \\412 &:= 3^4 + 4^4 + 5^1 + 7^2 + 21^1 = 34 + 44 + 51 + 72 + 211 \\412 &:= 3^4 + 4^4 + 5^2 + 7^2 + 21^0 = 34 + 44 + 52 + 72 + 210\end{aligned}$$

$$\begin{aligned}
 412 &:= 3^4 + 4^4 + 6^1 + 7^2 + 20^1 = 34 + 44 + 61 + 72 + 201 \\
 412 &:= 3^4 + 4^4 + 7^1 + 7^2 + 19^1 = 34 + 44 + 71 + 72 + 191 \\
 412 &:= 3^4 + 4^4 + 7^2 + 10^1 + 16^1 = 34 + 44 + 72 + 101 + 161 \\
 412 &:= 3^4 + 4^4 + 7^2 + 11^1 + 15^1 = 34 + 44 + 72 + 111 + 151 \\
 412 &:= 3^4 + 4^4 + 7^2 + 12^1 + 14^1 = 34 + 44 + 72 + 121 + 141 \\
 412 &:= 3^4 + 4^4 + 7^2 + 13^1 + 13^1 = 34 + 44 + 72 + 131 + 131 \\
 412 &:= 3^4 + 4^4 + 7^2 + 8^1 + 18^1 = 34 + 44 + 72 + 81 + 181 \\
 412 &:= 3^4 + 4^4 + 7^2 + 9^1 + 17^1 = 34 + 44 + 72 + 91 + 171 \\
 412 &:= 3^4 + 5^3 + 7^2 + 12^2 + 13^1 = 34 + 53 + 72 + 122 + 131 \\
 412 &:= 3^4 + 6^3 + 7^2 + 7^2 + 17^1 = 34 + 63 + 72 + 72 + 171 \\
 412 &:= 3^5 + 4^1 + 4^2 + 5^3 + 24^1 = 35 + 41 + 42 + 53 + 241 \\
 412 &:= 3^5 + 4^1 + 4^3 + 9^2 + 20^1 = 35 + 41 + 43 + 92 + 201 \\
 412 &:= 3^5 + 4^2 + 5^1 + 5^3 + 23^1 = 35 + 42 + 51 + 53 + 231 \\
 412 &:= 3^5 + 4^2 + 5^3 + 10^1 + 18^1 = 35 + 42 + 53 + 101 + 181 \\
 412 &:= 3^5 + 4^2 + 5^3 + 11^1 + 17^1 = 35 + 42 + 53 + 111 + 171 \\
 412 &:= 3^5 + 4^2 + 5^3 + 12^1 + 16^1 = 35 + 42 + 53 + 121 + 161 \\
 412 &:= 3^5 + 4^2 + 5^3 + 13^1 + 15^1 = 35 + 42 + 53 + 131 + 151 \\
 412 &:= 3^5 + 4^2 + 5^3 + 14^1 + 14^1 = 35 + 42 + 53 + 141 + 141 \\
 412 &:= 3^5 + 4^2 + 5^3 + 6^1 + 22^1 = 35 + 42 + 53 + 61 + 221 \\
 412 &:= 3^5 + 4^2 + 5^3 + 7^1 + 21^1 = 35 + 42 + 53 + 71 + 211 \\
 412 &:= 3^5 + 4^2 + 5^3 + 8^1 + 20^1 = 35 + 42 + 53 + 81 + 201 \\
 412 &:= 3^5 + 4^2 + 5^3 + 9^1 + 19^1 = 35 + 42 + 53 + 91 + 191 \\
 412 &:= 3^5 + 4^2 + 6^2 + 10^2 + 17^1 = 35 + 42 + 62 + 102 + 171 \\
 412 &:= 3^5 + 4^3 + 5^1 + 9^2 + 19^1 = 35 + 43 + 51 + 92 + 191 \\
 412 &:= 3^5 + 4^3 + 6^1 + 9^2 + 18^1 = 35 + 43 + 61 + 92 + 181
 \end{aligned}$$

$$\begin{aligned}
 412 &:= 3^5 + 4^3 + 7^1 + 9^2 + 17^1 = 35 + 43 + 71 + 92 + 171 \\
 412 &:= 3^5 + 4^3 + 8^1 + 9^2 + 16^1 = 35 + 43 + 81 + 92 + 161 \\
 412 &:= 3^5 + 4^3 + 9^1 + 9^2 + 15^1 = 35 + 43 + 91 + 92 + 151 \\
 412 &:= 3^5 + 4^3 + 9^2 + 10^1 + 14^1 = 35 + 43 + 92 + 101 + 141 \\
 412 &:= 3^5 + 4^3 + 9^2 + 11^1 + 13^1 = 35 + 43 + 92 + 111 + 131 \\
 412 &:= 3^5 + 4^3 + 9^2 + 12^1 + 12^1 = 35 + 43 + 92 + 121 + 121 \\
 412 &:= 3^5 + 5^2 + 8^2 + 8^2 + 16^1 = 35 + 52 + 82 + 82 + 161 \\
 412 &:= 3^5 + 6^2 + 6^2 + 9^2 + 16^1 = 35 + 62 + 62 + 92 + 161 \\
 412 &:= 4^1 + 4^3 + 4^3 + 4^4 + 24^1 = 41 + 43 + 43 + 44 + 241 \\
 412 &:= 4^2 + 5^3 + 5^3 + 5^3 + 21^1 = 42 + 53 + 53 + 53 + 211 \\
 412 &:= 4^3 + 4^3 + 4^4 + 10^1 + 18^1 = 43 + 43 + 44 + 101 + 181 \\
 412 &:= 4^3 + 4^3 + 4^4 + 11^1 + 17^1 = 43 + 43 + 44 + 111 + 171 \\
 412 &:= 4^3 + 4^3 + 4^4 + 12^1 + 16^1 = 43 + 43 + 44 + 121 + 161 \\
 412 &:= 4^3 + 4^3 + 4^4 + 13^1 + 15^1 = 43 + 43 + 44 + 131 + 151 \\
 412 &:= 4^3 + 4^3 + 4^4 + 14^1 + 14^1 = 43 + 43 + 44 + 141 + 141 \\
 412 &:= 4^3 + 4^3 + 4^4 + 5^1 + 23^1 = 43 + 43 + 44 + 51 + 231 \\
 412 &:= 4^3 + 4^3 + 4^4 + 6^1 + 22^1 = 43 + 43 + 44 + 61 + 221 \\
 412 &:= 4^3 + 4^3 + 4^4 + 7^1 + 21^1 = 43 + 43 + 44 + 71 + 211 \\
 412 &:= 4^3 + 4^3 + 4^4 + 8^1 + 20^1 = 43 + 43 + 44 + 81 + 201 \\
 412 &:= 4^3 + 4^3 + 4^4 + 9^1 + 19^1 = 43 + 43 + 44 + 91 + 191 \\
 412 &:= 4^3 + 4^3 + 5^3 + 12^2 + 15^1 = 43 + 43 + 53 + 122 + 151 \\
 412 &:= 4^3 + 4^3 + 6^3 + 7^2 + 19^1 = 43 + 43 + 63 + 72 + 191 \\
 412 &:= 4^3 + 4^4 + 6^2 + 6^2 + 20^1 = 43 + 44 + 62 + 62 + 201 \\
 412 &:= 4^3 + 5^3 + 5^3 + 9^2 + 17^1 = 43 + 53 + 53 + 92 + 171
 \end{aligned}$$

2.2.314 Number 413

$$\begin{aligned}
 413 &:= 9^0 + 12^1 + 20^2 = 90 + 121 + 202 \\
 413 &:= 1^0 + 9^0 + 11^1 + 20^2 = 10 + 90 + 111 + 202 \\
 413 &:= 2^0 + 8^0 + 11^1 + 20^2 = 20 + 80 + 111 + 202 \\
 413 &:= 3^0 + 7^0 + 11^1 + 20^2 = 30 + 70 + 111 + 202 \\
 413 &:= 4^0 + 6^0 + 11^1 + 20^2 = 40 + 60 + 111 + 202 \\
 413 &:= 5^0 + 5^0 + 11^1 + 20^2 = 50 + 50 + 111 + 202 \\
 413 &:= 1^0 + 1^0 + 9^0 + 10^1 + 20^2 = 10 + 10 + 90 + 101 + 202 \\
 413 &:= 1^0 + 1^9 + 10^0 + 11^2 + 17^2 = 10 + 19 + 100 + 112 + 172 \\
 413 &:= 1^0 + 1^9 + 7^2 + 12^0 + 19^2 = 10 + 19 + 72 + 120 + 192 \\
 413 &:= 1^0 + 2^0 + 8^0 + 10^1 + 20^2 = 10 + 20 + 80 + 101 + 202
 \end{aligned}$$

$$\begin{aligned}
 413 &:= 1^0 + 3^0 + 7^0 + 10^1 + 20^2 = 10 + 30 + 70 + 101 + 202 \\
 413 &:= 1^0 + 4^0 + 6^0 + 10^1 + 20^2 = 10 + 40 + 60 + 101 + 202 \\
 413 &:= 1^0 + 5^0 + 5^0 + 10^1 + 20^2 = 10 + 50 + 50 + 101 + 202 \\
 413 &:= 1^1 + 1^8 + 10^0 + 11^2 + 17^2 = 11 + 18 + 100 + 112 + 172 \\
 413 &:= 1^1 + 1^8 + 7^2 + 12^0 + 19^2 = 11 + 18 + 72 + 120 + 192 \\
 413 &:= 1^1 + 1^9 + 8^0 + 10^1 + 20^2 = 11 + 19 + 80 + 101 + 202 \\
 413 &:= 1^1 + 2^7 + 3^3 + 16^2 + 18^0 = 11 + 27 + 33 + 162 + 180 \\
 413 &:= 1^1 + 2^7 + 4^4 + 6^0 + 27^1 = 11 + 27 + 44 + 60 + 271 \\
 413 &:= 1^2 + 1^7 + 10^0 + 11^2 + 17^2 = 12 + 17 + 100 + 112 + 172 \\
 413 &:= 1^2 + 1^7 + 7^2 + 12^0 + 19^2 = 12 + 17 + 72 + 120 + 192
 \end{aligned}$$

$$\begin{aligned} 413 &:= 1^2 + 1^8 + 8^0 + 10^1 + 20^2 = 12 + 18 + 80 + 101 + 202 \\ 413 &:= 1^2 + 2^8 + 11^1 + 12^2 + 14^0 = 12 + 28 + 111 + 122 + 140 \\ 413 &:= 1^3 + 1^6 + 10^0 + 11^2 + 17^2 = 13 + 16 + 100 + 112 + 172 \\ 413 &:= 1^3 + 1^6 + 7^2 + 12^0 + 19^2 = 13 + 16 + 72 + 120 + 192 \\ 413 &:= 1^3 + 1^7 + 8^0 + 10^1 + 20^2 = 13 + 17 + 80 + 101 + 202 \\ 413 &:= 1^3 + 2^5 + 6^2 + 7^3 + 24^0 = 13 + 25 + 62 + 73 + 240 \\ 413 &:= 1^3 + 2^6 + 4^1 + 7^3 + 26^0 = 13 + 26 + 41 + 73 + 260 \\ 413 &:= 1^4 + 1^5 + 10^0 + 11^2 + 17^2 = 14 + 15 + 100 + 112 + 172 \\ 413 &:= 1^4 + 1^5 + 7^2 + 12^0 + 19^2 = 14 + 15 + 72 + 120 + 192 \\ 413 &:= 1^4 + 1^6 + 8^0 + 10^1 + 20^2 = 14 + 16 + 80 + 101 + 202 \\ 413 &:= 1^5 + 1^5 + 8^0 + 10^1 + 20^2 = 15 + 15 + 80 + 101 + 202 \\ 413 &:= 1^5 + 2^2 + 4^3 + 7^3 + 26^0 = 15 + 22 + 43 + 73 + 260 \\ 413 &:= 1^6 + 2^2 + 7^3 + 8^2 + 22^0 = 16 + 22 + 73 + 82 + 220 \\ 413 &:= 1^6 + 3^4 + 6^1 + 12^0 + 18^2 = 16 + 34 + 61 + 120 + 182 \\ 413 &:= 1^6 + 4^1 + 4^3 + 7^3 + 24^0 = 16 + 41 + 43 + 73 + 240 \\ 413 &:= 1^6 + 4^4 + 11^1 + 12^0 + 12^2 = 16 + 44 + 111 + 120 + 122 \\ 413 &:= 1^7 + 2^3 + 3^1 + 14^0 + 20^2 = 17 + 23 + 31 + 140 + 202 \\ 413 &:= 1^7 + 2^5 + 2^8 + 10^2 + 24^1 = 17 + 25 + 28 + 102 + 241 \\ 413 &:= 1^7 + 2^7 + 2^8 + 7^0 + 27^1 = 17 + 27 + 28 + 70 + 271 \\ 413 &:= 1^7 + 4^0 + 11^2 + 11^2 + 13^2 = 17 + 40 + 112 + 112 + 132 \\ 413 &:= 1^7 + 4^1 + 7^3 + 8^2 + 20^0 = 17 + 41 + 73 + 82 + 200 \\ 413 &:= 1^7 + 5^2 + 5^2 + 10^0 + 19^2 = 17 + 52 + 52 + 100 + 192 \\ 413 &:= 1^7 + 6^0 + 7^2 + 7^3 + 19^1 = 17 + 60 + 72 + 73 + 191 \\ 413 &:= 1^8 + 2^1 + 3^2 + 14^0 + 20^2 = 18 + 21 + 32 + 140 + 202 \\ 413 &:= 1^8 + 2^2 + 7^1 + 10^0 + 20^2 = 18 + 22 + 71 + 100 + 202 \\ 413 &:= 1^8 + 2^8 + 3^4 + 7^2 + 26^1 = 18 + 28 + 34 + 72 + 261 \\ 413 &:= 1^8 + 6^0 + 6^1 + 9^2 + 18^2 = 18 + 60 + 61 + 92 + 182 \\ 413 &:= 1^9 + 2^0 + 7^2 + 11^0 + 19^2 = 19 + 20 + 72 + 110 + 192 \\ 413 &:= 1^9 + 2^0 + 9^0 + 11^2 + 17^2 = 19 + 20 + 90 + 112 + 172 \\ 413 &:= 1^9 + 2^1 + 8^0 + 9^1 + 20^2 = 19 + 21 + 80 + 91 + 202 \\ 413 &:= 1^9 + 2^6 + 3^5 + 9^2 + 24^1 = 19 + 26 + 35 + 92 + 241 \\ 413 &:= 1^9 + 3^0 + 7^2 + 10^0 + 19^2 = 19 + 30 + 72 + 100 + 192 \\ 413 &:= 1^9 + 3^0 + 8^0 + 11^2 + 17^2 = 19 + 30 + 80 + 112 + 172 \\ 413 &:= 1^9 + 3^1 + 8^0 + 8^1 + 20^2 = 19 + 31 + 80 + 81 + 202 \\ 413 &:= 1^9 + 4^0 + 7^0 + 11^2 + 17^2 = 19 + 40 + 70 + 112 + 172 \\ 413 &:= 1^9 + 4^0 + 7^2 + 9^0 + 19^2 = 19 + 40 + 72 + 90 + 192 \\ 413 &:= 1^9 + 4^1 + 7^1 + 8^0 + 20^2 = 19 + 41 + 71 + 80 + 202 \\ 413 &:= 1^9 + 5^0 + 6^0 + 11^2 + 17^2 = 19 + 50 + 60 + 112 + 172 \end{aligned}$$

$$\begin{aligned} 413 &:= 1^9 + 5^0 + 7^2 + 8^0 + 19^2 = 19 + 50 + 72 + 80 + 192 \\ 413 &:= 1^9 + 5^1 + 6^1 + 8^0 + 20^2 = 19 + 51 + 61 + 80 + 202 \\ 413 &:= 1^9 + 6^0 + 7^0 + 7^2 + 19^2 = 19 + 60 + 70 + 72 + 192 \\ 413 &:= 2^0 + 2^0 + 7^0 + 10^1 + 20^2 = 20 + 20 + 70 + 101 + 202 \\ 413 &:= 2^0 + 2^8 + 4^1 + 5^3 + 27^1 = 20 + 28 + 41 + 53 + 271 \\ 413 &:= 2^0 + 2^8 + 5^1 + 5^3 + 26^1 = 20 + 28 + 51 + 53 + 261 \\ 413 &:= 2^0 + 2^8 + 5^3 + 10^1 + 21^1 = 20 + 28 + 53 + 101 + 211 \\ 413 &:= 2^0 + 2^8 + 5^3 + 11^1 + 20^1 = 20 + 28 + 53 + 111 + 201 \\ 413 &:= 2^0 + 2^8 + 5^3 + 12^1 + 19^1 = 20 + 28 + 53 + 121 + 191 \\ 413 &:= 2^0 + 2^8 + 5^3 + 13^1 + 18^1 = 20 + 28 + 53 + 131 + 181 \\ 413 &:= 2^0 + 2^8 + 5^3 + 14^1 + 17^1 = 20 + 28 + 53 + 141 + 171 \\ 413 &:= 2^0 + 2^8 + 5^3 + 15^1 + 16^1 = 20 + 28 + 53 + 151 + 161 \\ 413 &:= 2^0 + 2^8 + 5^3 + 6^1 + 25^1 = 20 + 28 + 53 + 61 + 251 \\ 413 &:= 2^0 + 2^8 + 5^3 + 7^1 + 24^1 = 20 + 28 + 53 + 71 + 241 \\ 413 &:= 2^0 + 2^8 + 5^3 + 8^1 + 23^1 = 20 + 28 + 53 + 81 + 231 \\ 413 &:= 2^0 + 2^8 + 5^3 + 9^1 + 22^1 = 20 + 28 + 53 + 91 + 221 \\ 413 &:= 2^0 + 2^8 + 6^2 + 10^2 + 20^1 = 20 + 28 + 62 + 102 + 201 \\ 413 &:= 2^0 + 3^0 + 6^0 + 10^1 + 20^2 = 20 + 30 + 60 + 101 + 202 \\ 413 &:= 2^0 + 4^0 + 5^0 + 10^1 + 20^2 = 20 + 40 + 50 + 101 + 202 \\ 413 &:= 2^1 + 2^7 + 4^4 + 6^0 + 26^1 = 21 + 27 + 44 + 60 + 261 \\ 413 &:= 2^2 + 2^8 + 8^1 + 12^2 + 16^0 = 22 + 28 + 81 + 122 + 160 \\ 413 &:= 2^3 + 2^6 + 10^0 + 12^2 + 14^2 = 23 + 26 + 100 + 122 + 142 \\ 413 &:= 2^3 + 2^6 + 4^2 + 14^0 + 18^2 = 23 + 26 + 42 + 140 + 182 \\ 413 &:= 2^3 + 3^5 + 5^3 + 6^2 + 24^0 = 23 + 35 + 53 + 62 + 240 \\ 413 &:= 2^4 + 2^5 + 7^3 + 8^0 + 21^1 = 24 + 25 + 73 + 80 + 211 \\ 413 &:= 2^4 + 2^6 + 8^1 + 10^0 + 18^2 = 24 + 26 + 81 + 100 + 182 \\ 413 &:= 2^4 + 3^2 + 3^5 + 12^2 + 20^0 = 24 + 32 + 35 + 122 + 200 \\ 413 &:= 2^5 + 3^3 + 4^3 + 14^0 + 17^2 = 25 + 33 + 43 + 140 + 172 \\ 413 &:= 2^5 + 3^5 + 8^0 + 11^2 + 16^1 = 25 + 35 + 80 + 112 + 161 \\ 413 &:= 2^5 + 4^3 + 6^3 + 10^2 + 18^0 = 25 + 43 + 63 + 102 + 180 \\ 413 &:= 2^6 + 3^4 + 8^0 + 11^1 + 16^2 = 26 + 34 + 80 + 111 + 162 \\ 413 &:= 2^6 + 4^4 + 9^2 + 11^1 + 14^0 = 26 + 44 + 92 + 111 + 140 \\ 413 &:= 2^6 + 5^3 + 6^3 + 7^1 + 20^0 = 26 + 53 + 63 + 71 + 200 \\ 413 &:= 2^7 + 3^1 + 4^4 + 6^0 + 25^1 = 27 + 31 + 44 + 60 + 251 \\ 413 &:= 2^7 + 4^1 + 4^4 + 6^0 + 24^1 = 27 + 41 + 44 + 60 + 241 \\ 413 &:= 2^7 + 4^1 + 6^3 + 8^2 + 20^0 = 27 + 41 + 63 + 82 + 200 \\ 413 &:= 2^7 + 4^4 + 5^1 + 6^0 + 23^1 = 27 + 44 + 51 + 60 + 231 \\ 413 &:= 2^7 + 4^4 + 6^0 + 10^1 + 18^1 = 27 + 44 + 60 + 101 + 181 \end{aligned}$$

$$\begin{aligned}
 413 &:= 2^7 + 4^4 + 6^0 + 11^1 + 17^1 = 27 + 44 + 60 + 111 + 171 \\
 413 &:= 2^7 + 4^4 + 6^0 + 12^1 + 16^1 = 27 + 44 + 60 + 121 + 161 \\
 413 &:= 2^7 + 4^4 + 6^0 + 13^1 + 15^1 = 27 + 44 + 60 + 131 + 151 \\
 413 &:= 2^7 + 4^4 + 6^0 + 14^1 + 14^1 = 27 + 44 + 60 + 141 + 141 \\
 413 &:= 2^7 + 4^4 + 6^0 + 6^1 + 22^1 = 27 + 44 + 60 + 61 + 221 \\
 413 &:= 2^7 + 4^4 + 6^0 + 7^1 + 21^1 = 27 + 44 + 60 + 71 + 211 \\
 413 &:= 2^7 + 4^4 + 6^0 + 8^1 + 20^1 = 27 + 44 + 60 + 81 + 201 \\
 413 &:= 2^7 + 4^4 + 6^0 + 9^1 + 19^1 = 27 + 44 + 60 + 91 + 191 \\
 413 &:= 2^7 + 5^3 + 6^0 + 12^2 + 15^1 = 27 + 53 + 60 + 122 + 151 \\
 413 &:= 2^7 + 6^0 + 6^3 + 7^2 + 19^1 = 27 + 60 + 63 + 72 + 191
 \end{aligned}$$

$$\begin{aligned}
 413 &:= 2^8 + 3^1 + 3^2 + 12^2 + 20^0 = 28 + 31 + 32 + 122 + 200 \\
 413 &:= 2^8 + 4^0 + 4^2 + 11^2 + 19^1 = 28 + 40 + 42 + 112 + 191 \\
 413 &:= 2^8 + 5^2 + 10^1 + 11^2 + 12^0 = 28 + 52 + 101 + 112 + 120 \\
 413 &:= 2^8 + 7^1 + 7^2 + 10^2 + 14^0 = 28 + 71 + 72 + 102 + 140 \\
 413 &:= 2^8 + 8^2 + 9^2 + 10^0 + 11^1 = 28 + 82 + 92 + 100 + 111 \\
 413 &:= 3^0 + 3^0 + 5^0 + 10^1 + 20^2 = 30 + 30 + 50 + 101 + 202 \\
 413 &:= 3^0 + 4^0 + 4^0 + 10^1 + 20^2 = 30 + 40 + 40 + 101 + 202 \\
 413 &:= 3^4 + 3^5 + 4^3 + 6^0 + 24^1 = 34 + 35 + 43 + 60 + 241
 \end{aligned}$$

2.2.315 Number 414

$$\begin{aligned}
 414 &:= 1^1 + 8^0 + 12^1 + 20^2 = 11 + 80 + 121 + 202 \\
 414 &:= 1^2 + 2^8 + 5^3 + 32^1 = 12 + 28 + 53 + 321 \\
 414 &:= 1^7 + 3^5 + 13^2 + 23^0 = 17 + 35 + 132 + 230 \\
 414 &:= 1^9 + 6^3 + 14^2 + 19^0 = 19 + 63 + 142 + 190 \\
 414 &:= 2^1 + 8^0 + 11^1 + 20^2 = 21 + 80 + 111 + 202 \\
 414 &:= 2^6 + 3^5 + 9^2 + 26^1 = 26 + 35 + 92 + 261 \\
 414 &:= 2^6 + 4^3 + 4^4 + 30^1 = 26 + 43 + 44 + 301 \\
 414 &:= 3^1 + 8^0 + 10^1 + 20^2 = 31 + 80 + 101 + 202 \\
 414 &:= 4^1 + 8^0 + 9^1 + 20^2 = 41 + 80 + 91 + 202 \\
 414 &:= 5^1 + 8^0 + 8^1 + 20^2 = 51 + 80 + 81 + 202 \\
 414 &:= 6^1 + 7^1 + 8^0 + 20^2 = 61 + 71 + 80 + 202 \\
 414 &:= 1^0 + 1^1 + 8^0 + 11^1 + 20^2 = 10 + 11 + 80 + 111 + 202 \\
 414 &:= 1^0 + 2^1 + 8^0 + 10^1 + 20^2 = 10 + 21 + 80 + 101 + 202 \\
 414 &:= 1^0 + 2^6 + 3^5 + 9^2 + 25^1 = 10 + 26 + 35 + 92 + 251 \\
 414 &:= 1^0 + 3^1 + 8^0 + 9^1 + 20^2 = 10 + 31 + 80 + 91 + 202 \\
 414 &:= 1^0 + 4^1 + 8^0 + 8^1 + 20^2 = 10 + 41 + 80 + 81 + 202 \\
 414 &:= 1^0 + 5^1 + 7^1 + 8^0 + 20^2 = 10 + 51 + 71 + 80 + 202 \\
 414 &:= 1^0 + 6^1 + 6^1 + 8^0 + 20^2 = 10 + 61 + 61 + 80 + 202 \\
 414 &:= 1^1 + 2^0 + 7^0 + 11^1 + 20^2 = 11 + 20 + 70 + 111 + 202 \\
 414 &:= 1^1 + 2^8 + 5^1 + 5^3 + 27^1 = 11 + 28 + 51 + 53 + 271 \\
 414 &:= 1^1 + 2^8 + 5^3 + 10^1 + 22^1 = 11 + 28 + 53 + 101 + 221 \\
 414 &:= 1^1 + 2^8 + 5^3 + 11^1 + 21^1 = 11 + 28 + 53 + 111 + 211 \\
 414 &:= 1^1 + 2^8 + 5^3 + 12^1 + 20^1 = 11 + 28 + 53 + 121 + 201 \\
 414 &:= 1^1 + 2^8 + 5^3 + 13^1 + 19^1 = 11 + 28 + 53 + 131 + 191 \\
 414 &:= 1^1 + 2^8 + 5^3 + 14^1 + 18^1 = 11 + 28 + 53 + 141 + 181 \\
 414 &:= 1^1 + 2^8 + 5^3 + 15^1 + 17^1 = 11 + 28 + 53 + 151 + 171
 \end{aligned}$$

$$\begin{aligned}
 414 &:= 1^1 + 2^8 + 5^3 + 16^1 + 16^1 = 11 + 28 + 53 + 161 + 161 \\
 414 &:= 1^1 + 2^8 + 5^3 + 6^1 + 26^1 = 11 + 28 + 53 + 61 + 261 \\
 414 &:= 1^1 + 2^8 + 5^3 + 7^1 + 25^1 = 11 + 28 + 53 + 71 + 251 \\
 414 &:= 1^1 + 2^8 + 5^3 + 8^1 + 24^1 = 11 + 28 + 53 + 81 + 241 \\
 414 &:= 1^1 + 2^8 + 5^3 + 9^1 + 23^1 = 11 + 28 + 53 + 91 + 231 \\
 414 &:= 1^1 + 2^8 + 6^2 + 10^2 + 21^1 = 11 + 28 + 62 + 102 + 211 \\
 414 &:= 1^1 + 3^0 + 6^0 + 11^1 + 20^2 = 11 + 30 + 60 + 111 + 202 \\
 414 &:= 1^1 + 4^0 + 5^0 + 11^1 + 20^2 = 11 + 40 + 50 + 111 + 202 \\
 414 &:= 1^2 + 1^9 + 7^0 + 11^1 + 20^2 = 12 + 19 + 70 + 111 + 202 \\
 414 &:= 1^2 + 2^3 + 2^6 + 17^1 + 18^2 = 12 + 23 + 26 + 171 + 182 \\
 414 &:= 1^2 + 3^4 + 3^5 + 8^2 + 25^1 = 12 + 34 + 35 + 82 + 251 \\
 414 &:= 1^3 + 1^8 + 7^0 + 11^1 + 20^2 = 13 + 18 + 70 + 111 + 202 \\
 414 &:= 1^3 + 2^4 + 3^3 + 7^3 + 27^1 = 13 + 24 + 33 + 73 + 271 \\
 414 &:= 1^3 + 2^6 + 11^1 + 13^2 + 13^2 = 13 + 26 + 111 + 132 + 132 \\
 414 &:= 1^3 + 2^6 + 3^2 + 16^1 + 18^2 = 13 + 26 + 32 + 161 + 182 \\
 414 &:= 1^3 + 2^6 + 9^2 + 12^1 + 16^2 = 13 + 26 + 92 + 121 + 162 \\
 414 &:= 1^3 + 2^8 + 12^1 + 12^2 + 13^0 = 13 + 28 + 121 + 122 + 130 \\
 414 &:= 1^3 + 3^3 + 3^5 + 11^2 + 22^1 = 13 + 33 + 35 + 112 + 221 \\
 414 &:= 1^4 + 1^7 + 7^0 + 11^1 + 20^2 = 14 + 17 + 70 + 111 + 202 \\
 414 &:= 1^4 + 2^2 + 2^5 + 16^1 + 19^2 = 14 + 22 + 25 + 161 + 192 \\
 414 &:= 1^4 + 2^2 + 3^5 + 12^2 + 22^1 = 14 + 22 + 35 + 122 + 221 \\
 414 &:= 1^4 + 2^4 + 5^3 + 16^1 + 16^2 = 14 + 24 + 53 + 161 + 162 \\
 414 &:= 1^4 + 2^5 + 9^2 + 11^1 + 17^2 = 14 + 25 + 92 + 111 + 172 \\
 414 &:= 1^4 + 2^6 + 5^1 + 7^3 + 25^0 = 14 + 26 + 51 + 73 + 250 \\
 414 &:= 1^4 + 3^3 + 3^4 + 16^1 + 17^2 = 14 + 33 + 34 + 161 + 172 \\
 414 &:= 1^5 + 1^6 + 7^0 + 11^1 + 20^2 = 15 + 16 + 70 + 111 + 202
 \end{aligned}$$

$$\begin{aligned}414 &:= 1^5 + 3^4 + 8^2 + 12^1 + 16^2 = 15 + 34 + 82 + 121 + 162 \\414 &:= 1^5 + 3^5 + 5^2 + 12^2 + 19^0 = 15 + 35 + 52 + 122 + 190 \\414 &:= 1^5 + 4^2 + 4^4 + 11^2 + 20^1 = 15 + 42 + 44 + 112 + 201 \\414 &:= 1^6 + 3^3 + 6^3 + 13^2 + 17^0 = 16 + 33 + 63 + 132 + 170 \\414 &:= 1^6 + 3^3 + 9^1 + 11^2 + 16^2 = 16 + 33 + 91 + 112 + 162 \\414 &:= 1^6 + 4^3 + 7^2 + 11^1 + 17^2 = 16 + 43 + 72 + 111 + 172 \\414 &:= 1^6 + 4^3 + 9^1 + 12^2 + 14^2 = 16 + 43 + 91 + 122 + 142 \\414 &:= 1^6 + 5^2 + 10^2 + 12^2 + 12^2 = 16 + 52 + 102 + 122 + 122 \\414 &:= 1^6 + 5^3 + 9^2 + 11^1 + 14^2 = 16 + 53 + 92 + 111 + 142 \\414 &:= 1^6 + 6^2 + 8^2 + 12^2 + 13^2 = 16 + 62 + 82 + 122 + 132 \\414 &:= 1^6 + 6^2 + 9^2 + 10^2 + 14^2 = 16 + 62 + 92 + 102 + 142 \\414 &:= 1^7 + 2^2 + 2^3 + 15^0 + 20^2 = 17 + 22 + 23 + 150 + 202 \\414 &:= 1^7 + 2^2 + 6^2 + 12^1 + 19^2 = 17 + 22 + 62 + 121 + 192 \\414 &:= 1^7 + 2^2 + 9^1 + 12^2 + 16^2 = 17 + 22 + 91 + 122 + 162 \\414 &:= 1^7 + 3^4 + 7^1 + 11^0 + 18^2 = 17 + 34 + 71 + 110 + 182 \\414 &:= 1^7 + 4^1 + 11^2 + 12^2 + 12^2 = 17 + 41 + 112 + 122 + 122 \\414 &:= 1^7 + 4^2 + 5^2 + 11^1 + 19^2 = 17 + 42 + 52 + 111 + 192 \\414 &:= 1^7 + 4^2 + 8^1 + 10^2 + 17^2 = 17 + 42 + 81 + 102 + 172 \\414 &:= 1^7 + 4^2 + 8^2 + 9^1 + 18^2 = 17 + 42 + 82 + 91 + 182 \\414 &:= 1^7 + 4^3 + 5^1 + 7^3 + 23^0 = 17 + 43 + 51 + 73 + 230 \\414 &:= 1^7 + 4^4 + 11^0 + 12^1 + 12^2 = 17 + 44 + 110 + 121 + 122 \\414 &:= 1^7 + 6^2 + 7^1 + 9^2 + 17^2 = 17 + 62 + 71 + 92 + 172 \\414 &:= 1^8 + 2^3 + 4^1 + 13^0 + 20^2 = 18 + 23 + 41 + 130 + 202 \\414 &:= 1^8 + 5^0 + 7^2 + 7^3 + 20^1 = 18 + 50 + 72 + 73 + 201 \\414 &:= 1^8 + 5^1 + 7^3 + 8^2 + 19^0 = 18 + 51 + 73 + 82 + 190 \\414 &:= 1^9 + 2^1 + 7^2 + 11^0 + 19^2 = 19 + 21 + 72 + 110 + 192 \\414 &:= 1^9 + 2^1 + 9^0 + 11^2 + 17^2 = 19 + 21 + 90 + 112 + 172 \\414 &:= 1^9 + 2^2 + 8^1 + 9^0 + 20^2 = 19 + 22 + 81 + 90 + 202 \\414 &:= 1^9 + 3^1 + 3^2 + 13^0 + 20^2 = 19 + 31 + 32 + 130 + 202 \\414 &:= 1^9 + 5^0 + 7^1 + 9^2 + 18^2 = 19 + 50 + 71 + 92 + 182 \\414 &:= 2^0 + 2^1 + 7^0 + 10^1 + 20^2 = 20 + 21 + 70 + 101 + 202 \\414 &:= 2^0 + 3^1 + 7^0 + 9^1 + 20^2 = 20 + 31 + 70 + 91 + 202 \\414 &:= 2^0 + 4^1 + 7^0 + 8^1 + 20^2 = 20 + 41 + 70 + 81 + 202 \\414 &:= 2^0 + 5^1 + 7^0 + 7^1 + 20^2 = 20 + 51 + 70 + 71 + 202 \\414 &:= 2^0 + 6^1 + 6^1 + 7^0 + 20^2 = 20 + 61 + 61 + 70 + 202 \\414 &:= 2^1 + 2^8 + 4^1 + 5^3 + 27^1 = 21 + 28 + 41 + 53 + 271 \\414 &:= 2^1 + 2^8 + 5^1 + 5^3 + 26^1 = 21 + 28 + 51 + 53 + 261 \\414 &:= 2^1 + 2^8 + 5^3 + 10^1 + 21^1 = 21 + 28 + 53 + 101 + 211\end{aligned}$$

$$\begin{aligned}414 &:= 2^1 + 2^8 + 5^3 + 11^1 + 20^1 = 21 + 28 + 53 + 111 + 201 \\414 &:= 2^1 + 2^8 + 5^3 + 12^1 + 19^1 = 21 + 28 + 53 + 121 + 191 \\414 &:= 2^1 + 2^8 + 5^3 + 13^1 + 18^1 = 21 + 28 + 53 + 131 + 181 \\414 &:= 2^1 + 2^8 + 5^3 + 14^1 + 17^1 = 21 + 28 + 53 + 141 + 171 \\414 &:= 2^1 + 2^8 + 5^3 + 15^1 + 16^1 = 21 + 28 + 53 + 151 + 161 \\414 &:= 2^1 + 2^8 + 5^3 + 6^1 + 25^1 = 21 + 28 + 53 + 61 + 251 \\414 &:= 2^1 + 2^8 + 5^3 + 7^1 + 24^1 = 21 + 28 + 53 + 71 + 241 \\414 &:= 2^1 + 2^8 + 5^3 + 8^1 + 23^1 = 21 + 28 + 53 + 81 + 231 \\414 &:= 2^1 + 2^8 + 5^3 + 9^1 + 22^1 = 21 + 28 + 53 + 91 + 221 \\414 &:= 2^1 + 2^8 + 6^2 + 10^2 + 20^1 = 21 + 28 + 62 + 102 + 201 \\414 &:= 2^1 + 3^0 + 6^0 + 10^1 + 20^2 = 21 + 30 + 60 + 101 + 202 \\414 &:= 2^1 + 4^0 + 5^0 + 10^1 + 20^2 = 21 + 40 + 50 + 101 + 202 \\414 &:= 2^2 + 2^3 + 2^5 + 7^3 + 27^1 = 22 + 23 + 25 + 73 + 271 \\414 &:= 2^2 + 2^5 + 4^4 + 10^2 + 22^1 = 22 + 25 + 44 + 102 + 221 \\414 &:= 2^2 + 2^7 + 10^2 + 13^1 + 13^2 = 22 + 27 + 102 + 131 + 132 \\414 &:= 2^2 + 2^7 + 3^2 + 16^2 + 17^1 = 22 + 27 + 32 + 162 + 171 \\414 &:= 2^2 + 2^7 + 4^4 + 7^0 + 25^1 = 22 + 27 + 44 + 70 + 251 \\414 &:= 2^2 + 2^8 + 3^2 + 12^2 + 21^0 = 22 + 28 + 32 + 122 + 210 \\414 &:= 2^3 + 2^7 + 9^2 + 13^0 + 14^2 = 23 + 27 + 92 + 130 + 142 \\414 &:= 2^3 + 2^8 + 5^1 + 12^2 + 19^0 = 23 + 28 + 51 + 122 + 190 \\414 &:= 2^3 + 3^4 + 3^5 + 9^2 + 23^0 = 23 + 34 + 35 + 92 + 230 \\414 &:= 2^4 + 2^5 + 10^1 + 10^2 + 16^2 = 24 + 25 + 101 + 102 + 162 \\414 &:= 2^4 + 2^6 + 3^2 + 15^0 + 18^2 = 24 + 26 + 32 + 150 + 182 \\414 &:= 2^4 + 2^7 + 7^0 + 13^1 + 16^2 = 24 + 27 + 70 + 131 + 162 \\414 &:= 2^4 + 3^1 + 3^5 + 5^3 + 27^1 = 24 + 31 + 35 + 53 + 271 \\414 &:= 2^4 + 3^4 + 6^3 + 9^2 + 20^1 = 24 + 34 + 63 + 92 + 201 \\414 &:= 2^4 + 3^5 + 4^1 + 5^3 + 26^1 = 24 + 35 + 41 + 53 + 261 \\414 &:= 2^4 + 3^5 + 5^1 + 5^3 + 25^1 = 24 + 35 + 51 + 53 + 251 \\414 &:= 2^4 + 3^5 + 5^3 + 10^1 + 20^1 = 24 + 35 + 53 + 101 + 201 \\414 &:= 2^4 + 3^5 + 5^3 + 11^1 + 19^1 = 24 + 35 + 53 + 111 + 191 \\414 &:= 2^4 + 3^5 + 5^3 + 12^1 + 18^1 = 24 + 35 + 53 + 121 + 181 \\414 &:= 2^4 + 3^5 + 5^3 + 13^1 + 17^1 = 24 + 35 + 53 + 131 + 171 \\414 &:= 2^4 + 3^5 + 5^3 + 14^1 + 16^1 = 24 + 35 + 53 + 141 + 161 \\414 &:= 2^4 + 3^5 + 5^3 + 15^1 + 15^1 = 24 + 35 + 53 + 151 + 151 \\414 &:= 2^4 + 3^5 + 5^3 + 6^1 + 24^1 = 24 + 35 + 53 + 61 + 241 \\414 &:= 2^4 + 3^5 + 5^3 + 7^1 + 23^1 = 24 + 35 + 53 + 71 + 231 \\414 &:= 2^4 + 3^5 + 5^3 + 8^1 + 22^1 = 24 + 35 + 53 + 81 + 221 \\414 &:= 2^4 + 3^5 + 5^3 + 9^1 + 21^1 = 24 + 35 + 53 + 91 + 211\end{aligned}$$

$$\begin{aligned}414 &:= 2^4 + 3^5 + 6^2 + 10^2 + 19^1 = 24 + 35 + 62 + 102 + 191 \\414 &:= 2^4 + 5^3 + 5^3 + 5^3 + 23^1 = 24 + 53 + 53 + 53 + 231 \\414 &:= 2^5 + 2^5 + 5^2 + 13^0 + 18^2 = 25 + 25 + 52 + 130 + 182 \\414 &:= 2^5 + 2^5 + 6^1 + 7^3 + 23^0 = 25 + 25 + 61 + 73 + 230 \\414 &:= 2^5 + 3^3 + 6^3 + 11^2 + 18^1 = 25 + 33 + 63 + 112 + 181 \\414 &:= 2^5 + 3^4 + 11^1 + 11^2 + 13^2 = 25 + 34 + 111 + 112 + 132 \\414 &:= 2^5 + 3^4 + 8^2 + 12^1 + 15^2 = 25 + 34 + 82 + 121 + 152 \\414 &:= 2^5 + 3^5 + 5^3 + 13^1 + 17^0 = 25 + 35 + 53 + 131 + 170 \\414 &:= 2^5 + 4^4 + 5^2 + 9^2 + 20^1 = 25 + 44 + 52 + 92 + 201 \\414 &:= 2^6 + 3^3 + 10^1 + 12^2 + 13^2 = 26 + 33 + 101 + 122 + 132 \\414 &:= 2^6 + 3^5 + 6^1 + 10^2 + 19^0 = 26 + 35 + 61 + 102 + 190 \\414 &:= 2^6 + 4^2 + 4^3 + 14^1 + 16^2 = 26 + 42 + 43 + 141 + 162 \\414 &:= 2^6 + 4^2 + 6^3 + 10^2 + 18^1 = 26 + 42 + 63 + 102 + 181 \\414 &:= 2^6 + 4^3 + 7^2 + 12^1 + 15^2 = 26 + 43 + 72 + 121 + 152 \\414 &:= 2^6 + 6^2 + 6^3 + 9^2 + 17^1 = 26 + 62 + 63 + 92 + 171 \\414 &:= 2^7 + 3^2 + 11^2 + 12^1 + 12^2 = 27 + 32 + 112 + 121 + 122 \\414 &:= 2^7 + 3^2 + 4^4 + 11^0 + 20^1 = 27 + 32 + 44 + 110 + 201 \\414 &:= 2^7 + 3^4 + 8^1 + 13^0 + 14^2 = 27 + 34 + 81 + 130 + 142 \\414 &:= 2^7 + 4^1 + 4^4 + 5^2 + 25^0 = 27 + 41 + 44 + 52 + 250 \\414 &:= 2^7 + 4^2 + 4^4 + 13^1 + 17^0 = 27 + 42 + 44 + 131 + 170 \\414 &:= 2^7 + 4^2 + 5^3 + 12^2 + 17^0 = 27 + 42 + 53 + 122 + 170 \\414 &:= 2^7 + 4^3 + 10^2 + 11^2 + 13^0 = 27 + 43 + 102 + 112 + 130 \\414 &:= 2^7 + 4^3 + 5^1 + 6^3 + 23^0 = 27 + 43 + 51 + 63 + 230 \\414 &:= 2^7 + 4^3 + 5^2 + 14^2 + 15^0 = 27 + 43 + 52 + 142 + 150 \\414 &:= 2^7 + 5^2 + 9^2 + 11^1 + 13^2 = 27 + 52 + 92 + 111 + 132 \\414 &:= 2^8 + 3^1 + 3^1 + 5^3 + 27^1 = 28 + 31 + 31 + 53 + 271 \\414 &:= 2^8 + 3^1 + 4^1 + 5^3 + 26^1 = 28 + 31 + 41 + 53 + 261 \\414 &:= 2^8 + 3^1 + 5^1 + 5^3 + 25^1 = 28 + 31 + 51 + 53 + 251 \\414 &:= 2^8 + 3^1 + 5^3 + 10^1 + 20^1 = 28 + 31 + 53 + 101 + 201 \\414 &:= 2^8 + 3^1 + 5^3 + 11^1 + 19^1 = 28 + 31 + 53 + 111 + 191 \\414 &:= 2^8 + 3^1 + 5^3 + 12^1 + 18^1 = 28 + 31 + 53 + 121 + 181 \\414 &:= 2^8 + 3^1 + 5^3 + 13^1 + 17^1 = 28 + 31 + 53 + 131 + 171 \\414 &:= 2^8 + 3^1 + 5^3 + 14^1 + 16^1 = 28 + 31 + 53 + 141 + 161 \\414 &:= 2^8 + 3^1 + 5^3 + 15^1 + 15^1 = 28 + 31 + 53 + 151 + 151 \\414 &:= 2^8 + 3^1 + 5^3 + 6^1 + 24^1 = 28 + 31 + 53 + 61 + 241 \\414 &:= 2^8 + 3^1 + 5^3 + 7^1 + 23^1 = 28 + 31 + 53 + 71 + 231 \\414 &:= 2^8 + 3^1 + 5^3 + 8^1 + 22^1 = 28 + 31 + 53 + 81 + 221 \\414 &:= 2^8 + 3^1 + 5^3 + 9^1 + 21^1 = 28 + 31 + 53 + 91 + 211\end{aligned}$$

$$\begin{aligned}414 &:= 2^8 + 3^1 + 6^2 + 10^2 + 19^1 = 28 + 31 + 62 + 102 + 191 \\414 &:= 2^8 + 3^2 + 5^3 + 7^0 + 23^1 = 28 + 32 + 53 + 70 + 231 \\414 &:= 2^8 + 3^3 + 9^1 + 11^2 + 15^0 = 28 + 33 + 91 + 112 + 150 \\414 &:= 2^8 + 4^1 + 4^1 + 5^3 + 25^1 = 28 + 41 + 41 + 53 + 251 \\414 &:= 2^8 + 4^1 + 5^1 + 5^3 + 24^1 = 28 + 41 + 51 + 53 + 241 \\414 &:= 2^8 + 4^1 + 5^3 + 10^1 + 19^1 = 28 + 41 + 53 + 101 + 191 \\414 &:= 2^8 + 4^1 + 5^3 + 11^1 + 18^1 = 28 + 41 + 53 + 111 + 181 \\414 &:= 2^8 + 4^1 + 5^3 + 12^1 + 17^1 = 28 + 41 + 53 + 121 + 171 \\414 &:= 2^8 + 4^1 + 5^3 + 13^1 + 16^1 = 28 + 41 + 53 + 131 + 161 \\414 &:= 2^8 + 4^1 + 5^3 + 14^1 + 15^1 = 28 + 41 + 53 + 141 + 151 \\414 &:= 2^8 + 4^1 + 5^3 + 6^1 + 23^1 = 28 + 41 + 53 + 61 + 231 \\414 &:= 2^8 + 4^1 + 5^3 + 7^1 + 22^1 = 28 + 41 + 53 + 71 + 221 \\414 &:= 2^8 + 4^1 + 5^3 + 8^1 + 21^1 = 28 + 41 + 53 + 81 + 211 \\414 &:= 2^8 + 4^1 + 5^3 + 9^1 + 20^1 = 28 + 41 + 53 + 91 + 201 \\414 &:= 2^8 + 4^1 + 6^2 + 10^2 + 18^1 = 28 + 41 + 62 + 102 + 181 \\414 &:= 2^8 + 4^2 + 5^3 + 13^0 + 16^1 = 28 + 42 + 53 + 130 + 161 \\414 &:= 2^8 + 4^3 + 9^2 + 12^1 + 13^0 = 28 + 43 + 92 + 121 + 130 \\414 &:= 2^8 + 5^1 + 5^1 + 5^3 + 23^1 = 28 + 51 + 51 + 53 + 231 \\414 &:= 2^8 + 5^1 + 5^3 + 10^1 + 18^1 = 28 + 51 + 53 + 101 + 181 \\414 &:= 2^8 + 5^1 + 5^3 + 11^1 + 17^1 = 28 + 51 + 53 + 111 + 171 \\414 &:= 2^8 + 5^1 + 5^3 + 12^1 + 16^1 = 28 + 51 + 53 + 121 + 161 \\414 &:= 2^8 + 5^1 + 5^3 + 13^1 + 15^1 = 28 + 51 + 53 + 131 + 151 \\414 &:= 2^8 + 5^1 + 5^3 + 14^1 + 14^1 = 28 + 51 + 53 + 141 + 141 \\414 &:= 2^8 + 5^1 + 5^3 + 6^1 + 22^1 = 28 + 51 + 53 + 61 + 221 \\414 &:= 2^8 + 5^1 + 5^3 + 7^1 + 21^1 = 28 + 51 + 53 + 71 + 211 \\414 &:= 2^8 + 5^1 + 5^3 + 8^1 + 20^1 = 28 + 51 + 53 + 81 + 201 \\414 &:= 2^8 + 5^1 + 5^3 + 9^1 + 19^1 = 28 + 51 + 53 + 91 + 191 \\414 &:= 2^8 + 5^1 + 6^2 + 10^2 + 17^1 = 28 + 51 + 62 + 102 + 171 \\414 &:= 2^8 + 5^2 + 5^3 + 7^1 + 21^0 = 28 + 52 + 53 + 71 + 210 \\414 &:= 2^8 + 5^3 + 10^1 + 10^1 + 13^1 = 28 + 53 + 101 + 101 + 131 \\414 &:= 2^8 + 5^3 + 10^1 + 11^1 + 12^1 = 28 + 53 + 101 + 111 + 121 \\414 &:= 2^8 + 5^3 + 11^1 + 11^1 + 11^1 = 28 + 53 + 111 + 111 + 111 \\414 &:= 2^8 + 5^3 + 6^1 + 10^1 + 17^1 = 28 + 53 + 61 + 101 + 171 \\414 &:= 2^8 + 5^3 + 6^1 + 11^1 + 16^1 = 28 + 53 + 61 + 111 + 161 \\414 &:= 2^8 + 5^3 + 6^1 + 12^1 + 15^1 = 28 + 53 + 61 + 121 + 151 \\414 &:= 2^8 + 5^3 + 6^1 + 13^1 + 14^1 = 28 + 53 + 61 + 131 + 141 \\414 &:= 2^8 + 5^3 + 6^1 + 6^1 + 21^1 = 28 + 53 + 61 + 61 + 211 \\414 &:= 2^8 + 5^3 + 6^1 + 7^1 + 20^1 = 28 + 53 + 61 + 71 + 201\end{aligned}$$

$$\begin{aligned}
 414 &:= 2^8 + 5^3 + 6^1 + 8^1 + 19^1 = 28 + 53 + 61 + 81 + 191 \\
 414 &:= 2^8 + 5^3 + 6^1 + 9^1 + 18^1 = 28 + 53 + 61 + 91 + 181 \\
 414 &:= 2^8 + 5^3 + 7^1 + 10^1 + 16^1 = 28 + 53 + 71 + 101 + 161 \\
 414 &:= 2^8 + 5^3 + 7^1 + 11^1 + 15^1 = 28 + 53 + 71 + 111 + 151 \\
 414 &:= 2^8 + 5^3 + 7^1 + 12^1 + 14^1 = 28 + 53 + 71 + 121 + 141 \\
 414 &:= 2^8 + 5^3 + 7^1 + 13^1 + 13^1 = 28 + 53 + 71 + 131 + 131 \\
 414 &:= 2^8 + 5^3 + 7^1 + 7^1 + 19^1 = 28 + 53 + 71 + 71 + 191 \\
 414 &:= 2^8 + 5^3 + 7^1 + 8^1 + 18^1 = 28 + 53 + 71 + 81 + 181 \\
 414 &:= 2^8 + 5^3 + 7^1 + 9^1 + 17^1 = 28 + 53 + 71 + 91 + 171 \\
 414 &:= 2^8 + 5^3 + 8^1 + 10^1 + 15^1 = 28 + 53 + 81 + 101 + 151 \\
 414 &:= 2^8 + 5^3 + 8^1 + 11^1 + 14^1 = 28 + 53 + 81 + 111 + 141 \\
 414 &:= 2^8 + 5^3 + 8^1 + 12^1 + 13^1 = 28 + 53 + 81 + 121 + 131 \\
 414 &:= 2^8 + 5^3 + 8^1 + 8^1 + 17^1 = 28 + 53 + 81 + 81 + 171 \\
 414 &:= 2^8 + 5^3 + 8^1 + 9^1 + 16^1 = 28 + 53 + 81 + 91 + 161 \\
 414 &:= 2^8 + 5^3 + 9^1 + 10^1 + 14^1 = 28 + 53 + 91 + 101 + 141 \\
 414 &:= 2^8 + 5^3 + 9^1 + 11^1 + 13^1 = 28 + 53 + 91 + 111 + 131 \\
 414 &:= 2^8 + 5^3 + 9^1 + 12^1 + 12^1 = 28 + 53 + 91 + 121 + 121 \\
 414 &:= 2^8 + 5^3 + 9^1 + 9^1 + 15^1 = 28 + 53 + 91 + 91 + 151
 \end{aligned}$$

$$\begin{aligned}
 414 &:= 2^8 + 6^1 + 6^2 + 10^2 + 16^1 = 28 + 61 + 62 + 102 + 161 \\
 414 &:= 2^8 + 6^2 + 10^1 + 10^2 + 12^1 = 28 + 62 + 101 + 102 + 121 \\
 414 &:= 2^8 + 6^2 + 10^2 + 11^1 + 11^1 = 28 + 62 + 102 + 111 + 111 \\
 414 &:= 2^8 + 6^2 + 7^1 + 10^2 + 15^1 = 28 + 62 + 71 + 102 + 151 \\
 414 &:= 2^8 + 6^2 + 8^1 + 10^2 + 14^1 = 28 + 62 + 81 + 102 + 141 \\
 414 &:= 2^8 + 6^2 + 9^1 + 10^2 + 13^1 = 28 + 62 + 91 + 102 + 131 \\
 414 &:= 3^0 + 3^1 + 6^0 + 9^1 + 20^2 = 30 + 31 + 60 + 91 + 202 \\
 414 &:= 3^0 + 4^1 + 6^0 + 8^1 + 20^2 = 30 + 41 + 60 + 81 + 202 \\
 414 &:= 3^0 + 5^1 + 6^0 + 7^1 + 20^2 = 30 + 51 + 60 + 71 + 202 \\
 414 &:= 3^0 + 6^0 + 6^1 + 6^1 + 20^2 = 30 + 60 + 61 + 61 + 202 \\
 414 &:= 3^1 + 4^0 + 5^0 + 9^1 + 20^2 = 31 + 40 + 50 + 91 + 202 \\
 414 &:= 3^3 + 3^4 + 4^4 + 5^2 + 25^1 = 33 + 34 + 44 + 52 + 251 \\
 414 &:= 3^4 + 3^4 + 3^5 + 8^1 + 23^0 = 34 + 34 + 35 + 81 + 230 \\
 414 &:= 3^4 + 3^5 + 4^3 + 5^2 + 25^0 = 34 + 35 + 43 + 52 + 250 \\
 414 &:= 4^0 + 4^1 + 5^0 + 8^1 + 20^2 = 40 + 41 + 50 + 81 + 202 \\
 414 &:= 4^0 + 5^0 + 5^1 + 7^1 + 20^2 = 40 + 50 + 51 + 71 + 202 \\
 414 &:= 4^0 + 5^0 + 6^1 + 6^1 + 20^2 = 40 + 50 + 61 + 61 + 202
 \end{aligned}$$

2.2.316 Number 415

$$\begin{aligned}
 415 &:= 5^3 + 17^2 + 19^0 = 53 + 172 + 190 \\
 415 &:= 1^2 + 7^0 + 13^1 + 20^2 = 12 + 70 + 131 + 202 \\
 415 &:= 2^2 + 9^0 + 10^1 + 20^2 = 22 + 90 + 101 + 202 \\
 415 &:= 3^2 + 5^1 + 13^0 + 20^2 = 32 + 51 + 130 + 202 \\
 415 &:= 4^1 + 7^2 + 11^0 + 19^2 = 41 + 72 + 110 + 192 \\
 415 &:= 4^1 + 9^0 + 11^2 + 17^2 = 41 + 90 + 112 + 172 \\
 415 &:= 5^0 + 9^1 + 9^2 + 18^2 = 50 + 91 + 92 + 182 \\
 415 &:= 1^0 + 1^0 + 6^3 + 14^2 + 19^0 = 10 + 10 + 63 + 142 + 190 \\
 415 &:= 1^0 + 1^2 + 7^0 + 12^1 + 20^2 = 10 + 12 + 70 + 121 + 202 \\
 415 &:= 1^0 + 1^8 + 3^5 + 13^2 + 22^0 = 10 + 18 + 35 + 132 + 220 \\
 415 &:= 1^0 + 2^0 + 6^3 + 14^2 + 18^0 = 10 + 20 + 63 + 142 + 180 \\
 415 &:= 1^0 + 2^2 + 9^0 + 9^1 + 20^2 = 10 + 22 + 90 + 91 + 202 \\
 415 &:= 1^0 + 3^0 + 6^3 + 14^2 + 17^0 = 10 + 30 + 63 + 142 + 170 \\
 415 &:= 1^0 + 3^1 + 7^2 + 11^0 + 19^2 = 10 + 31 + 72 + 110 + 192 \\
 415 &:= 1^0 + 3^1 + 9^0 + 11^2 + 17^2 = 10 + 31 + 90 + 112 + 172 \\
 415 &:= 1^0 + 3^2 + 4^1 + 13^0 + 20^2 = 10 + 32 + 41 + 130 + 202 \\
 415 &:= 1^0 + 4^0 + 6^3 + 14^2 + 16^0 = 10 + 40 + 63 + 142 + 160
 \end{aligned}$$

$$\begin{aligned}
 415 &:= 1^0 + 5^0 + 6^3 + 14^2 + 15^0 = 10 + 50 + 63 + 142 + 150 \\
 415 &:= 1^0 + 5^0 + 8^1 + 9^2 + 18^2 = 10 + 50 + 81 + 92 + 182 \\
 415 &:= 1^0 + 6^0 + 6^3 + 14^0 + 14^2 = 10 + 60 + 63 + 140 + 142 \\
 415 &:= 1^0 + 6^3 + 10^0 + 10^0 + 14^2 = 10 + 63 + 100 + 100 + 142 \\
 415 &:= 1^0 + 6^3 + 7^0 + 13^0 + 14^2 = 10 + 63 + 70 + 130 + 142 \\
 415 &:= 1^0 + 6^3 + 8^0 + 12^0 + 14^2 = 10 + 63 + 80 + 120 + 142 \\
 415 &:= 1^0 + 6^3 + 9^0 + 11^0 + 14^2 = 10 + 63 + 90 + 110 + 142 \\
 415 &:= 1^1 + 1^1 + 7^0 + 12^1 + 20^2 = 11 + 11 + 70 + 121 + 202 \\
 415 &:= 1^1 + 1^7 + 3^5 + 13^2 + 22^0 = 11 + 17 + 35 + 132 + 220 \\
 415 &:= 1^1 + 1^9 + 6^3 + 14^2 + 18^0 = 11 + 19 + 63 + 142 + 180 \\
 415 &:= 1^1 + 2^1 + 7^0 + 11^1 + 20^2 = 11 + 21 + 70 + 111 + 202 \\
 415 &:= 1^1 + 3^1 + 7^0 + 10^1 + 20^2 = 11 + 31 + 70 + 101 + 202 \\
 415 &:= 1^1 + 4^1 + 7^0 + 9^1 + 20^2 = 11 + 41 + 70 + 91 + 202 \\
 415 &:= 1^1 + 5^1 + 7^0 + 8^1 + 20^2 = 11 + 51 + 70 + 81 + 202 \\
 415 &:= 1^1 + 6^1 + 7^0 + 7^1 + 20^2 = 11 + 61 + 70 + 71 + 202 \\
 415 &:= 1^2 + 1^6 + 3^5 + 13^2 + 22^0 = 12 + 16 + 35 + 132 + 220 \\
 415 &:= 1^2 + 1^8 + 6^3 + 14^2 + 18^0 = 12 + 18 + 63 + 142 + 180
 \end{aligned}$$

$$\begin{aligned} 415 &:= 1^2 + 2^0 + 6^0 + 12^1 + 20^2 = 12 + 20 + 60 + 121 + 202 \\ 415 &:= 1^2 + 3^0 + 5^0 + 12^1 + 20^2 = 12 + 30 + 50 + 121 + 202 \\ 415 &:= 1^2 + 4^0 + 4^0 + 12^1 + 20^2 = 12 + 40 + 40 + 121 + 202 \\ 415 &:= 1^3 + 1^5 + 3^5 + 13^2 + 22^0 = 13 + 15 + 35 + 132 + 220 \\ 415 &:= 1^3 + 1^7 + 6^3 + 14^2 + 18^0 = 13 + 17 + 63 + 142 + 180 \\ 415 &:= 1^3 + 1^9 + 6^0 + 12^1 + 20^2 = 13 + 19 + 60 + 121 + 202 \\ 415 &:= 1^3 + 2^8 + 6^2 + 11^2 + 20^0 = 13 + 28 + 62 + 112 + 200 \\ 415 &:= 1^4 + 1^4 + 3^5 + 13^2 + 22^0 = 14 + 14 + 35 + 132 + 220 \\ 415 &:= 1^4 + 1^6 + 6^3 + 14^2 + 18^0 = 14 + 16 + 63 + 142 + 180 \\ 415 &:= 1^4 + 1^8 + 6^0 + 12^1 + 20^2 = 14 + 18 + 60 + 121 + 202 \\ 415 &:= 1^4 + 2^8 + 12^0 + 12^2 + 13^1 = 14 + 28 + 120 + 122 + 131 \\ 415 &:= 1^5 + 1^5 + 6^3 + 14^2 + 18^0 = 15 + 15 + 63 + 142 + 180 \\ 415 &:= 1^5 + 1^7 + 6^0 + 12^1 + 20^2 = 15 + 17 + 60 + 121 + 202 \\ 415 &:= 1^5 + 2^5 + 5^3 + 16^0 + 16^2 = 15 + 25 + 53 + 160 + 162 \\ 415 &:= 1^5 + 2^6 + 5^2 + 14^0 + 18^2 = 15 + 26 + 52 + 140 + 182 \\ 415 &:= 1^5 + 2^6 + 6^1 + 7^3 + 24^0 = 15 + 26 + 61 + 73 + 240 \\ 415 &:= 1^6 + 1^6 + 6^0 + 12^1 + 20^2 = 16 + 16 + 60 + 121 + 202 \\ 415 &:= 1^6 + 2^3 + 3^4 + 16^0 + 18^2 = 16 + 23 + 34 + 160 + 182 \\ 415 &:= 1^6 + 3^5 + 7^2 + 11^2 + 18^0 = 16 + 35 + 72 + 112 + 180 \\ 415 &:= 1^7 + 2^4 + 6^2 + 12^0 + 19^2 = 17 + 24 + 62 + 120 + 192 \\ 415 &:= 1^7 + 4^4 + 6^2 + 11^2 + 18^0 = 17 + 44 + 62 + 112 + 180 \\ 415 &:= 1^8 + 2^0 + 3^5 + 13^2 + 21^0 = 18 + 20 + 35 + 132 + 210 \\ 415 &:= 1^8 + 2^3 + 9^2 + 10^0 + 18^2 = 18 + 23 + 92 + 100 + 182 \\ 415 &:= 1^8 + 3^0 + 3^5 + 13^2 + 20^0 = 18 + 30 + 35 + 132 + 200 \\ 415 &:= 1^8 + 3^3 + 5^2 + 12^0 + 19^2 = 18 + 33 + 52 + 120 + 192 \\ 415 &:= 1^8 + 3^4 + 8^1 + 10^0 + 18^2 = 18 + 34 + 81 + 100 + 182 \\ 415 &:= 1^8 + 3^5 + 10^0 + 13^0 + 13^2 = 18 + 35 + 100 + 130 + 132 \\ 415 &:= 1^8 + 3^5 + 11^0 + 12^0 + 13^2 = 18 + 35 + 110 + 120 + 132 \\ 415 &:= 1^8 + 3^5 + 4^0 + 13^2 + 19^0 = 18 + 35 + 40 + 132 + 190 \\ 415 &:= 1^8 + 3^5 + 5^0 + 13^2 + 18^0 = 18 + 35 + 50 + 132 + 180 \\ 415 &:= 1^8 + 3^5 + 6^0 + 13^2 + 17^0 = 18 + 35 + 60 + 132 + 170 \\ 415 &:= 1^8 + 3^5 + 7^0 + 13^2 + 16^0 = 18 + 35 + 70 + 132 + 160 \\ 415 &:= 1^8 + 3^5 + 8^0 + 13^2 + 15^0 = 18 + 35 + 80 + 132 + 150 \\ 415 &:= 1^8 + 3^5 + 9^0 + 13^2 + 14^0 = 18 + 35 + 90 + 132 + 140 \\ 415 &:= 1^8 + 4^3 + 5^2 + 12^0 + 18^2 = 18 + 43 + 52 + 120 + 182 \\ 415 &:= 1^8 + 4^3 + 6^1 + 7^3 + 22^0 = 18 + 43 + 61 + 73 + 220 \\ 415 &:= 1^8 + 4^4 + 10^0 + 12^2 + 13^1 = 18 + 44 + 100 + 122 + 131 \\ 415 &:= 1^8 + 5^3 + 10^0 + 12^2 + 12^2 = 18 + 53 + 100 + 122 + 122 \end{aligned}$$

$$\begin{aligned} 415 &:= 1^9 + 1^9 + 3^5 + 13^2 + 21^0 = 19 + 19 + 35 + 132 + 210 \\ 415 &:= 1^9 + 2^2 + 3^2 + 14^0 + 20^2 = 19 + 22 + 32 + 140 + 202 \\ 415 &:= 1^9 + 2^3 + 5^1 + 12^0 + 20^2 = 19 + 23 + 51 + 120 + 202 \\ 415 &:= 1^9 + 4^0 + 10^2 + 12^2 + 13^2 = 19 + 40 + 102 + 122 + 132 \\ 415 &:= 1^9 + 4^0 + 7^2 + 7^3 + 21^1 = 19 + 40 + 72 + 73 + 211 \\ 415 &:= 1^9 + 4^2 + 6^2 + 10^0 + 19^2 = 19 + 42 + 62 + 100 + 192 \\ 415 &:= 1^9 + 5^2 + 8^0 + 8^2 + 18^2 = 19 + 52 + 80 + 82 + 182 \\ 415 &:= 1^9 + 6^0 + 6^2 + 11^2 + 16^2 = 19 + 60 + 62 + 112 + 162 \\ 415 &:= 1^9 + 6^1 + 7^3 + 8^2 + 18^0 = 19 + 61 + 73 + 82 + 180 \\ 415 &:= 2^0 + 2^0 + 6^3 + 14^2 + 17^0 = 20 + 20 + 63 + 142 + 170 \\ 415 &:= 2^0 + 2^2 + 8^0 + 9^1 + 20^2 = 20 + 22 + 80 + 91 + 202 \\ 415 &:= 2^0 + 3^0 + 6^3 + 14^2 + 16^0 = 20 + 30 + 63 + 142 + 160 \\ 415 &:= 2^0 + 3^1 + 7^2 + 10^0 + 19^2 = 20 + 31 + 72 + 100 + 192 \\ 415 &:= 2^0 + 3^1 + 8^0 + 11^2 + 17^2 = 20 + 31 + 80 + 112 + 172 \\ 415 &:= 2^0 + 3^2 + 4^1 + 12^0 + 20^2 = 20 + 32 + 41 + 120 + 202 \\ 415 &:= 2^0 + 4^0 + 6^3 + 14^2 + 15^0 = 20 + 40 + 63 + 142 + 150 \\ 415 &:= 2^0 + 4^0 + 8^1 + 9^2 + 18^2 = 20 + 40 + 81 + 92 + 182 \\ 415 &:= 2^0 + 5^0 + 6^3 + 14^0 + 14^2 = 20 + 50 + 63 + 140 + 142 \\ 415 &:= 2^0 + 6^0 + 6^3 + 13^0 + 14^2 = 20 + 60 + 63 + 130 + 142 \\ 415 &:= 2^0 + 6^3 + 7^0 + 12^0 + 14^2 = 20 + 63 + 70 + 120 + 142 \\ 415 &:= 2^0 + 6^3 + 8^0 + 11^0 + 14^2 = 20 + 63 + 80 + 110 + 142 \\ 415 &:= 2^0 + 6^3 + 9^0 + 10^0 + 14^2 = 20 + 63 + 90 + 100 + 142 \\ 415 &:= 2^1 + 2^1 + 7^0 + 10^1 + 20^2 = 21 + 21 + 70 + 101 + 202 \\ 415 &:= 2^1 + 3^1 + 7^0 + 9^1 + 20^2 = 21 + 31 + 70 + 91 + 202 \\ 415 &:= 2^1 + 4^1 + 7^0 + 8^1 + 20^2 = 21 + 41 + 70 + 81 + 202 \\ 415 &:= 2^1 + 5^1 + 7^0 + 7^1 + 20^2 = 21 + 51 + 70 + 71 + 202 \\ 415 &:= 2^1 + 6^1 + 6^1 + 7^0 + 20^2 = 21 + 61 + 61 + 70 + 202 \\ 415 &:= 2^2 + 3^0 + 7^0 + 9^1 + 20^2 = 22 + 30 + 70 + 91 + 202 \\ 415 &:= 2^2 + 4^0 + 6^0 + 9^1 + 20^2 = 22 + 40 + 60 + 91 + 202 \\ 415 &:= 2^2 + 5^0 + 5^0 + 9^1 + 20^2 = 22 + 50 + 50 + 91 + 202 \\ 415 &:= 2^3 + 2^7 + 4^4 + 10^0 + 22^1 = 23 + 27 + 44 + 100 + 221 \\ 415 &:= 2^3 + 2^8 + 5^3 + 6^0 + 25^1 = 23 + 28 + 53 + 60 + 251 \\ 415 &:= 2^4 + 2^8 + 4^0 + 11^2 + 21^1 = 24 + 28 + 40 + 112 + 211 \\ 415 &:= 2^5 + 2^5 + 5^3 + 15^2 + 16^0 = 25 + 25 + 53 + 152 + 160 \\ 415 &:= 2^6 + 3^4 + 4^4 + 13^1 + 18^0 = 26 + 34 + 44 + 131 + 180 \\ 415 &:= 2^6 + 3^4 + 5^3 + 12^2 + 18^0 = 26 + 34 + 53 + 122 + 180 \\ 415 &:= 2^7 + 3^2 + 3^4 + 14^2 + 18^0 = 27 + 32 + 34 + 142 + 180 \\ 415 &:= 2^7 + 3^4 + 6^2 + 13^2 + 16^0 = 27 + 34 + 62 + 132 + 160 \end{aligned}$$

$$\begin{aligned}
 415 &:= 2^7 + 3^5 + 4^0 + 4^2 + 27^1 = 27 + 35 + 40 + 42 + 271 \\
 415 &:= 2^7 + 3^5 + 5^2 + 12^0 + 18^1 = 27 + 35 + 52 + 120 + 181 \\
 415 &:= 2^7 + 3^5 + 6^2 + 7^1 + 22^0 = 27 + 35 + 62 + 71 + 220 \\
 415 &:= 2^7 + 5^3 + 5^3 + 6^2 + 22^0 = 27 + 53 + 53 + 62 + 220 \\
 415 &:= 2^8 + 3^3 + 5^3 + 6^1 + 24^0 = 28 + 33 + 53 + 61 + 240 \\
 415 &:= 2^8 + 3^4 + 8^2 + 13^1 + 14^0 = 28 + 34 + 82 + 131 + 140 \\
 415 &:= 3^0 + 3^0 + 6^3 + 14^2 + 15^0 = 30 + 30 + 63 + 142 + 150 \\
 415 &:= 3^0 + 3^0 + 8^1 + 9^2 + 18^2 = 30 + 30 + 81 + 92 + 182 \\
 415 &:= 3^0 + 3^1 + 7^0 + 11^2 + 17^2 = 30 + 31 + 70 + 112 + 172 \\
 415 &:= 3^0 + 3^1 + 7^2 + 9^0 + 19^2 = 30 + 31 + 72 + 90 + 192 \\
 415 &:= 3^0 + 3^2 + 4^1 + 11^0 + 20^2 = 30 + 32 + 41 + 110 + 202 \\
 415 &:= 3^0 + 4^0 + 6^3 + 14^0 + 14^2 = 30 + 40 + 63 + 140 + 142 \\
 415 &:= 3^0 + 5^0 + 6^3 + 13^0 + 14^2 = 30 + 50 + 63 + 130 + 142 \\
 415 &:= 3^0 + 6^0 + 6^3 + 12^0 + 14^2 = 30 + 60 + 63 + 120 + 142 \\
 415 &:= 3^0 + 6^3 + 7^0 + 11^0 + 14^2 = 30 + 63 + 70 + 110 + 142 \\
 415 &:= 3^0 + 6^3 + 8^0 + 10^0 + 14^2 = 30 + 63 + 80 + 100 + 142 \\
 415 &:= 3^0 + 6^3 + 9^0 + 9^0 + 14^2 = 30 + 63 + 90 + 90 + 142 \\
 415 &:= 3^1 + 3^1 + 7^0 + 8^1 + 20^2 = 31 + 31 + 70 + 81 + 202 \\
 415 &:= 3^1 + 4^0 + 6^0 + 11^2 + 17^2 = 31 + 40 + 60 + 112 + 172 \\
 415 &:= 3^1 + 4^0 + 7^2 + 8^0 + 19^2 = 31 + 40 + 72 + 80 + 192 \\
 415 &:= 3^1 + 4^1 + 7^0 + 7^1 + 20^2 = 31 + 41 + 70 + 71 + 202 \\
 415 &:= 3^1 + 5^0 + 5^0 + 11^2 + 17^2 = 31 + 50 + 50 + 112 + 172
 \end{aligned}$$

$$\begin{aligned}
 415 &:= 3^1 + 5^0 + 7^0 + 7^2 + 19^2 = 31 + 50 + 70 + 72 + 192 \\
 415 &:= 3^1 + 5^1 + 6^1 + 7^0 + 20^2 = 31 + 51 + 61 + 70 + 202 \\
 415 &:= 3^1 + 6^0 + 6^0 + 7^2 + 19^2 = 31 + 60 + 60 + 72 + 192 \\
 415 &:= 3^2 + 4^0 + 4^1 + 10^0 + 20^2 = 32 + 40 + 41 + 100 + 202 \\
 415 &:= 3^2 + 4^1 + 5^0 + 9^0 + 20^2 = 32 + 41 + 50 + 90 + 202 \\
 415 &:= 3^2 + 4^1 + 6^0 + 8^0 + 20^2 = 32 + 41 + 60 + 80 + 202 \\
 415 &:= 3^2 + 4^1 + 7^0 + 7^0 + 20^2 = 32 + 41 + 70 + 70 + 202 \\
 415 &:= 4^0 + 4^0 + 6^3 + 13^0 + 14^2 = 40 + 40 + 63 + 130 + 142 \\
 415 &:= 4^0 + 5^0 + 6^3 + 12^0 + 14^2 = 40 + 50 + 63 + 120 + 142 \\
 415 &:= 4^0 + 6^0 + 6^3 + 11^0 + 14^2 = 40 + 60 + 63 + 110 + 142 \\
 415 &:= 4^0 + 6^3 + 7^0 + 10^0 + 14^2 = 40 + 63 + 70 + 100 + 142 \\
 415 &:= 4^0 + 6^3 + 8^0 + 9^0 + 14^2 = 40 + 63 + 80 + 90 + 142 \\
 415 &:= 4^1 + 4^1 + 6^1 + 7^0 + 20^2 = 41 + 41 + 61 + 70 + 202 \\
 415 &:= 4^1 + 5^1 + 5^1 + 7^0 + 20^2 = 41 + 51 + 51 + 70 + 202 \\
 415 &:= 5^0 + 5^0 + 6^3 + 11^0 + 14^2 = 50 + 50 + 63 + 110 + 142 \\
 415 &:= 5^0 + 6^0 + 6^3 + 10^0 + 14^2 = 50 + 60 + 63 + 100 + 142 \\
 415 &:= 5^0 + 6^3 + 7^0 + 9^0 + 14^2 = 50 + 63 + 70 + 90 + 142 \\
 415 &:= 5^0 + 6^3 + 8^0 + 8^0 + 14^2 = 50 + 63 + 80 + 80 + 142 \\
 415 &:= 6^0 + 6^0 + 6^3 + 9^0 + 14^2 = 60 + 60 + 63 + 90 + 142 \\
 415 &:= 6^0 + 6^3 + 7^0 + 8^0 + 14^2 = 60 + 63 + 70 + 80 + 142 \\
 415 &:= 6^3 + 7^0 + 7^0 + 7^0 + 14^2 = 63 + 70 + 70 + 70 + 142
 \end{aligned}$$

2.2.317 Number 416

$$\begin{aligned}
 416 &:= 1^1 + 5^3 + 17^2 + 18^0 = 11 + 53 + 172 + 180 \\
 416 &:= 1^3 + 6^0 + 14^1 + 20^2 = 13 + 60 + 141 + 202 \\
 416 &:= 2^3 + 7^1 + 12^0 + 20^2 = 23 + 71 + 120 + 202 \\
 416 &:= 2^7 + 2^8 + 5^0 + 31^1 = 27 + 28 + 50 + 311 \\
 416 &:= 3^1 + 6^3 + 14^2 + 18^0 = 31 + 63 + 142 + 180 \\
 416 &:= 4^0 + 7^2 + 7^3 + 23^1 = 40 + 72 + 73 + 231 \\
 416 &:= 7^3 + 8^1 + 8^2 + 18^0 = 73 + 81 + 82 + 180 \\
 416 &:= 1^0 + 1^3 + 6^0 + 13^1 + 20^2 = 10 + 13 + 60 + 131 + 202 \\
 416 &:= 1^0 + 2^1 + 6^3 + 14^2 + 18^0 = 10 + 21 + 63 + 142 + 180 \\
 416 &:= 1^0 + 2^2 + 10^0 + 11^2 + 17^2 = 10 + 22 + 100 + 112 + 172 \\
 416 &:= 1^0 + 2^2 + 7^2 + 12^0 + 19^2 = 10 + 22 + 72 + 120 + 192 \\
 416 &:= 1^0 + 2^3 + 6^1 + 12^0 + 20^2 = 10 + 23 + 61 + 120 + 202 \\
 416 &:= 1^0 + 3^2 + 9^2 + 10^0 + 18^2 = 10 + 32 + 92 + 100 + 182
 \end{aligned}$$

$$\begin{aligned}
 416 &:= 1^0 + 4^0 + 7^2 + 7^3 + 22^1 = 10 + 40 + 72 + 73 + 221 \\
 416 &:= 1^0 + 5^2 + 8^0 + 10^2 + 17^2 = 10 + 52 + 80 + 102 + 172 \\
 416 &:= 1^0 + 6^0 + 7^2 + 13^2 + 14^2 = 10 + 60 + 72 + 132 + 142 \\
 416 &:= 1^0 + 7^1 + 7^3 + 8^2 + 18^0 = 10 + 71 + 73 + 82 + 180 \\
 416 &:= 1^1 + 1^2 + 6^0 + 13^1 + 20^2 = 11 + 12 + 60 + 131 + 202 \\
 416 &:= 1^1 + 2^2 + 8^0 + 10^1 + 20^2 = 11 + 22 + 80 + 101 + 202 \\
 416 &:= 1^1 + 3^2 + 5^1 + 12^0 + 20^2 = 11 + 32 + 51 + 120 + 202 \\
 416 &:= 1^1 + 4^0 + 9^1 + 9^2 + 18^2 = 11 + 40 + 91 + 92 + 182 \\
 416 &:= 1^1 + 4^1 + 7^2 + 10^0 + 19^2 = 11 + 41 + 72 + 100 + 192 \\
 416 &:= 1^1 + 4^1 + 8^0 + 11^2 + 17^2 = 11 + 41 + 80 + 112 + 172 \\
 416 &:= 1^2 + 2^1 + 6^0 + 12^1 + 20^2 = 12 + 21 + 60 + 121 + 202 \\
 416 &:= 1^2 + 3^1 + 6^0 + 11^1 + 20^2 = 12 + 31 + 60 + 111 + 202 \\
 416 &:= 1^2 + 4^1 + 6^0 + 10^1 + 20^2 = 12 + 41 + 60 + 101 + 202
 \end{aligned}$$

$$\begin{aligned}416 &:= 1^2 + 5^1 + 6^0 + 9^1 + 20^2 = 12 + 51 + 60 + 91 + 202 \\416 &:= 1^2 + 6^0 + 6^1 + 8^1 + 20^2 = 12 + 60 + 61 + 81 + 202 \\416 &:= 1^2 + 6^0 + 7^1 + 7^1 + 20^2 = 12 + 60 + 71 + 71 + 202 \\416 &:= 1^3 + 2^0 + 5^0 + 13^1 + 20^2 = 13 + 20 + 50 + 131 + 202 \\416 &:= 1^3 + 2^8 + 4^2 + 11^2 + 22^1 = 13 + 28 + 42 + 112 + 221 \\416 &:= 1^3 + 3^0 + 4^0 + 13^1 + 20^2 = 13 + 30 + 40 + 131 + 202 \\416 &:= 1^4 + 1^9 + 5^0 + 13^1 + 20^2 = 14 + 19 + 50 + 131 + 202 \\416 &:= 1^5 + 1^8 + 5^0 + 13^1 + 20^2 = 15 + 18 + 50 + 131 + 202 \\416 &:= 1^5 + 2^4 + 4^4 + 11^2 + 22^1 = 15 + 24 + 44 + 112 + 221 \\416 &:= 1^5 + 2^6 + 11^1 + 12^2 + 14^2 = 15 + 26 + 111 + 122 + 142 \\416 &:= 1^5 + 2^6 + 5^3 + 15^2 + 17^0 = 15 + 26 + 53 + 152 + 170 \\416 &:= 1^5 + 2^6 + 7^2 + 13^1 + 17^2 = 15 + 26 + 72 + 131 + 172 \\416 &:= 1^5 + 2^8 + 11^0 + 12^2 + 14^1 = 15 + 28 + 110 + 122 + 141 \\416 &:= 1^6 + 1^7 + 5^0 + 13^1 + 20^2 = 16 + 17 + 50 + 131 + 202 \\416 &:= 1^6 + 2^6 + 7^1 + 7^3 + 23^0 = 16 + 26 + 71 + 73 + 230 \\416 &:= 1^6 + 3^3 + 3^5 + 12^2 + 21^0 = 16 + 33 + 35 + 122 + 210 \\416 &:= 1^7 + 2^4 + 10^1 + 10^2 + 17^2 = 17 + 24 + 101 + 102 + 172 \\416 &:= 1^7 + 2^4 + 5^2 + 13^1 + 19^2 = 17 + 24 + 52 + 131 + 192 \\416 &:= 1^7 + 2^4 + 8^2 + 11^1 + 18^2 = 17 + 24 + 82 + 111 + 182 \\416 &:= 1^8 + 2^1 + 3^5 + 13^2 + 21^0 = 18 + 21 + 35 + 132 + 210 \\416 &:= 1^8 + 3^2 + 3^4 + 15^0 + 18^2 = 18 + 32 + 34 + 150 + 182 \\416 &:= 1^8 + 4^3 + 5^3 + 15^0 + 15^2 = 18 + 43 + 53 + 150 + 152 \\416 &:= 1^8 + 5^2 + 10^2 + 11^2 + 13^2 = 18 + 52 + 102 + 112 + 132 \\416 &:= 1^8 + 5^2 + 5^2 + 7^3 + 22^1 = 18 + 52 + 52 + 73 + 221 \\416 &:= 1^8 + 6^3 + 8^2 + 11^2 + 14^1 = 18 + 63 + 82 + 112 + 141 \\416 &:= 1^8 + 7^2 + 7^2 + 11^2 + 14^2 = 18 + 72 + 72 + 112 + 142 \\416 &:= 1^9 + 3^4 + 9^0 + 9^1 + 18^2 = 19 + 34 + 90 + 91 + 182 \\416 &:= 1^9 + 4^1 + 11^2 + 11^2 + 13^2 = 19 + 41 + 112 + 112 + 132 \\416 &:= 1^9 + 4^2 + 7^1 + 14^2 + 14^2 = 19 + 42 + 71 + 142 + 142 \\416 &:= 1^9 + 4^3 + 7^1 + 7^3 + 21^0 = 19 + 43 + 71 + 73 + 210 \\416 &:= 1^9 + 4^4 + 9^0 + 12^2 + 14^1 = 19 + 44 + 90 + 122 + 141 \\416 &:= 1^9 + 5^1 + 8^2 + 11^2 + 15^2 = 19 + 51 + 82 + 112 + 152 \\416 &:= 1^9 + 5^3 + 8^2 + 11^0 + 15^2 = 19 + 53 + 82 + 110 + 152 \\416 &:= 2^0 + 2^1 + 6^3 + 14^2 + 17^0 = 20 + 21 + 63 + 142 + 170 \\416 &:= 2^0 + 2^2 + 7^2 + 11^0 + 19^2 = 20 + 22 + 72 + 110 + 192 \\416 &:= 2^0 + 2^2 + 9^0 + 11^2 + 17^2 = 20 + 22 + 90 + 112 + 172 \\416 &:= 2^0 + 2^3 + 6^1 + 11^0 + 20^2 = 20 + 23 + 61 + 110 + 202 \\416 &:= 2^0 + 3^0 + 7^2 + 7^3 + 22^1 = 20 + 30 + 72 + 73 + 221\end{aligned}$$

$$\begin{aligned}416 &:= 2^0 + 3^2 + 9^0 + 9^2 + 18^2 = 20 + 32 + 90 + 92 + 182 \\416 &:= 2^0 + 5^0 + 7^2 + 13^2 + 14^2 = 20 + 50 + 72 + 132 + 142 \\416 &:= 2^0 + 5^2 + 7^0 + 10^2 + 17^2 = 20 + 52 + 70 + 102 + 172 \\416 &:= 2^0 + 7^1 + 7^3 + 8^2 + 17^0 = 20 + 71 + 73 + 82 + 170 \\416 &:= 2^1 + 2^2 + 8^0 + 9^1 + 20^2 = 21 + 22 + 80 + 91 + 202 \\416 &:= 2^1 + 3^0 + 6^3 + 14^2 + 16^0 = 21 + 30 + 63 + 142 + 160 \\416 &:= 2^1 + 3^1 + 7^2 + 10^0 + 19^2 = 21 + 31 + 72 + 100 + 192 \\416 &:= 2^1 + 3^1 + 8^0 + 11^2 + 17^2 = 21 + 31 + 80 + 112 + 172 \\416 &:= 2^1 + 3^2 + 4^1 + 12^0 + 20^2 = 21 + 32 + 41 + 120 + 202 \\416 &:= 2^1 + 4^0 + 6^3 + 14^2 + 15^0 = 21 + 40 + 63 + 142 + 150 \\416 &:= 2^1 + 4^0 + 8^1 + 9^2 + 18^2 = 21 + 40 + 81 + 92 + 182 \\416 &:= 2^1 + 5^0 + 6^3 + 14^0 + 14^2 = 21 + 50 + 63 + 140 + 142 \\416 &:= 2^1 + 6^0 + 6^3 + 13^0 + 14^2 = 21 + 60 + 63 + 130 + 142 \\416 &:= 2^1 + 6^3 + 7^0 + 12^0 + 14^2 = 21 + 63 + 70 + 120 + 142 \\416 &:= 2^1 + 6^3 + 8^0 + 11^0 + 14^2 = 21 + 63 + 80 + 110 + 142 \\416 &:= 2^1 + 6^3 + 9^0 + 10^0 + 14^2 = 21 + 63 + 90 + 100 + 142 \\416 &:= 2^2 + 2^6 + 3^5 + 9^2 + 24^1 = 22 + 26 + 35 + 92 + 241 \\416 &:= 2^2 + 3^0 + 7^2 + 10^0 + 19^2 = 22 + 30 + 72 + 100 + 192 \\416 &:= 2^2 + 3^0 + 8^0 + 11^2 + 17^2 = 22 + 30 + 80 + 112 + 172 \\416 &:= 2^2 + 3^1 + 8^0 + 8^1 + 20^2 = 22 + 31 + 80 + 81 + 202 \\416 &:= 2^2 + 4^0 + 7^0 + 11^2 + 17^2 = 22 + 40 + 70 + 112 + 172 \\416 &:= 2^2 + 4^0 + 7^2 + 9^0 + 19^2 = 22 + 40 + 72 + 90 + 192 \\416 &:= 2^2 + 4^1 + 7^1 + 8^0 + 20^2 = 22 + 41 + 71 + 80 + 202 \\416 &:= 2^2 + 5^0 + 6^0 + 11^2 + 17^2 = 22 + 50 + 60 + 112 + 172 \\416 &:= 2^2 + 5^0 + 7^2 + 8^0 + 19^2 = 22 + 50 + 72 + 80 + 192 \\416 &:= 2^2 + 5^1 + 6^1 + 8^0 + 20^2 = 22 + 51 + 61 + 80 + 202 \\416 &:= 2^2 + 6^0 + 7^0 + 7^2 + 19^2 = 22 + 60 + 70 + 72 + 192 \\416 &:= 2^3 + 2^5 + 2^5 + 7^3 + 27^0 = 23 + 25 + 25 + 73 + 270 \\416 &:= 2^3 + 2^6 + 3^5 + 10^2 + 23^0 = 23 + 26 + 35 + 102 + 230 \\416 &:= 2^3 + 2^6 + 4^4 + 8^2 + 24^1 = 23 + 26 + 44 + 82 + 241 \\416 &:= 2^3 + 2^8 + 3^2 + 11^2 + 22^1 = 23 + 28 + 32 + 112 + 221 \\416 &:= 2^3 + 3^0 + 6^1 + 10^0 + 20^2 = 23 + 30 + 61 + 100 + 202 \\416 &:= 2^3 + 4^0 + 6^1 + 9^0 + 20^2 = 23 + 40 + 61 + 90 + 202 \\416 &:= 2^3 + 5^0 + 6^1 + 8^0 + 20^2 = 23 + 50 + 61 + 80 + 202 \\416 &:= 2^3 + 6^0 + 6^1 + 7^0 + 20^2 = 23 + 60 + 61 + 70 + 202 \\416 &:= 2^4 + 2^6 + 4^3 + 16^1 + 16^2 = 24 + 26 + 43 + 161 + 162 \\416 &:= 2^4 + 2^6 + 6^3 + 10^2 + 20^1 = 24 + 26 + 63 + 102 + 201 \\416 &:= 2^4 + 2^7 + 4^4 + 15^1 + 17^0 = 24 + 27 + 44 + 151 + 170\end{aligned}$$

$$\begin{aligned}
 416 &:= 2^4 + 2^8 + 5^3 + 13^0 + 18^1 = 24 + 28 + 53 + 130 + 181 \\
 416 &:= 2^5 + 2^6 + 4^2 + 15^1 + 17^2 = 25 + 26 + 42 + 151 + 172 \\
 416 &:= 2^5 + 2^8 + 6^1 + 11^2 + 19^0 = 25 + 28 + 61 + 112 + 190 \\
 416 &:= 2^6 + 3^3 + 3^5 + 9^2 + 23^0 = 26 + 33 + 35 + 92 + 230 \\
 416 &:= 2^6 + 3^4 + 3^5 + 5^0 + 27^1 = 26 + 34 + 35 + 50 + 271 \\
 416 &:= 2^7 + 3^3 + 3^5 + 15^0 + 17^1 = 27 + 33 + 35 + 150 + 171 \\
 416 &:= 2^7 + 3^4 + 5^3 + 9^2 + 21^0 = 27 + 34 + 53 + 92 + 210 \\
 416 &:= 2^8 + 3^2 + 4^3 + 8^2 + 23^1 = 28 + 32 + 43 + 82 + 231 \\
 416 &:= 2^8 + 3^3 + 7^2 + 8^2 + 20^1 = 28 + 33 + 72 + 82 + 201 \\
 416 &:= 2^8 + 3^4 + 4^3 + 14^1 + 17^0 = 28 + 34 + 43 + 141 + 170 \\
 416 &:= 2^8 + 4^3 + 5^2 + 7^2 + 22^1 = 28 + 43 + 52 + 72 + 221 \\
 416 &:= 3^0 + 3^2 + 8^0 + 9^2 + 18^2 = 30 + 32 + 80 + 92 + 182 \\
 416 &:= 3^0 + 4^0 + 7^2 + 13^2 + 14^2 = 30 + 40 + 72 + 132 + 142 \\
 416 &:= 3^0 + 5^2 + 6^0 + 10^2 + 17^2 = 30 + 52 + 60 + 102 + 172 \\
 416 &:= 3^0 + 7^1 + 7^3 + 8^2 + 16^0 = 30 + 71 + 73 + 82 + 160
 \end{aligned}$$

$$\begin{aligned}
 416 &:= 3^1 + 3^1 + 3^2 + 12^0 + 20^2 = 31 + 31 + 32 + 120 + 202 \\
 416 &:= 3^1 + 4^0 + 7^1 + 9^2 + 18^2 = 31 + 40 + 71 + 92 + 182 \\
 416 &:= 3^2 + 4^0 + 7^0 + 9^2 + 18^2 = 32 + 40 + 70 + 92 + 182 \\
 416 &:= 3^2 + 5^0 + 6^0 + 9^2 + 18^2 = 32 + 50 + 60 + 92 + 182 \\
 416 &:= 4^0 + 4^1 + 6^1 + 9^2 + 18^2 = 40 + 41 + 61 + 92 + 182 \\
 416 &:= 4^0 + 5^0 + 5^2 + 10^2 + 17^2 = 40 + 50 + 52 + 102 + 172 \\
 416 &:= 4^0 + 5^1 + 5^1 + 9^2 + 18^2 = 40 + 51 + 51 + 92 + 182 \\
 416 &:= 4^0 + 7^1 + 7^3 + 8^2 + 15^0 = 40 + 71 + 73 + 82 + 150 \\
 416 &:= 5^0 + 7^1 + 7^3 + 8^2 + 14^0 = 50 + 71 + 73 + 82 + 140 \\
 416 &:= 6^0 + 7^1 + 7^3 + 8^2 + 13^0 = 60 + 71 + 73 + 82 + 130 \\
 416 &:= 7^0 + 7^1 + 7^3 + 8^2 + 12^0 = 70 + 71 + 73 + 82 + 120 \\
 416 &:= 7^1 + 7^3 + 8^0 + 8^2 + 11^0 = 71 + 73 + 80 + 82 + 110 \\
 416 &:= 7^1 + 7^3 + 8^2 + 9^0 + 10^0 = 71 + 73 + 82 + 90 + 100
 \end{aligned}$$

2.2.318 Number 417

$$\begin{aligned}
 417 &:= 1^4 + 5^0 + 15^1 + 20^2 = 14 + 50 + 151 + 202 \\
 417 &:= 2^2 + 6^3 + 14^2 + 19^0 = 22 + 63 + 142 + 190 \\
 417 &:= 3^2 + 7^3 + 8^2 + 23^0 = 32 + 73 + 82 + 230 \\
 417 &:= 3^3 + 10^2 + 11^0 + 17^2 = 33 + 102 + 110 + 172 \\
 417 &:= 3^4 + 9^0 + 11^1 + 18^2 = 34 + 90 + 111 + 182 \\
 417 &:= 4^2 + 9^1 + 14^2 + 14^2 = 42 + 91 + 142 + 142 \\
 417 &:= 4^3 + 7^3 + 9^1 + 21^0 = 43 + 73 + 91 + 210 \\
 417 &:= 4^4 + 9^0 + 12^2 + 16^1 = 44 + 90 + 122 + 161 \\
 417 &:= 6^1 + 11^2 + 11^2 + 13^2 = 61 + 112 + 112 + 132 \\
 417 &:= 6^3 + 10^2 + 10^2 + 15^0 = 63 + 102 + 102 + 150 \\
 417 &:= 7^1 + 8^2 + 11^2 + 15^2 = 71 + 82 + 112 + 152 \\
 417 &:= 1^0 + 1^2 + 5^3 + 17^0 + 17^2 = 10 + 12 + 53 + 170 + 172 \\
 417 &:= 1^0 + 1^4 + 5^0 + 14^1 + 20^2 = 10 + 14 + 50 + 141 + 202 \\
 417 &:= 1^0 + 3^3 + 8^2 + 11^0 + 18^2 = 10 + 33 + 82 + 110 + 182 \\
 417 &:= 1^0 + 3^4 + 9^0 + 10^1 + 18^2 = 10 + 34 + 90 + 101 + 182 \\
 417 &:= 1^0 + 4^2 + 8^1 + 14^2 + 14^2 = 10 + 42 + 81 + 142 + 142 \\
 417 &:= 1^0 + 4^3 + 7^3 + 8^1 + 21^0 = 10 + 43 + 73 + 81 + 210 \\
 417 &:= 1^0 + 4^4 + 9^0 + 12^2 + 15^1 = 10 + 44 + 90 + 122 + 151 \\
 417 &:= 1^0 + 5^1 + 11^2 + 11^2 + 13^2 = 10 + 51 + 112 + 112 + 132 \\
 417 &:= 1^0 + 5^3 + 11^0 + 11^2 + 13^2 = 10 + 53 + 110 + 112 + 132 \\
 417 &:= 1^0 + 6^1 + 8^2 + 11^2 + 15^2 = 10 + 61 + 82 + 112 + 152
 \end{aligned}$$

$$\begin{aligned}
 417 &:= 1^0 + 6^2 + 6^2 + 7^3 + 21^0 = 10 + 62 + 62 + 73 + 210 \\
 417 &:= 1^1 + 1^1 + 5^3 + 17^0 + 17^2 = 11 + 11 + 53 + 170 + 172 \\
 417 &:= 1^1 + 1^3 + 5^0 + 14^1 + 20^2 = 11 + 13 + 50 + 141 + 202 \\
 417 &:= 1^1 + 2^3 + 7^1 + 11^0 + 20^2 = 11 + 23 + 71 + 110 + 202 \\
 417 &:= 1^1 + 3^0 + 7^2 + 7^3 + 23^1 = 11 + 30 + 72 + 73 + 231 \\
 417 &:= 1^1 + 3^1 + 6^3 + 14^2 + 17^0 = 11 + 31 + 63 + 142 + 170 \\
 417 &:= 1^1 + 7^3 + 8^1 + 8^2 + 17^0 = 11 + 73 + 81 + 82 + 170 \\
 417 &:= 1^2 + 1^2 + 5^0 + 14^1 + 20^2 = 12 + 12 + 50 + 141 + 202 \\
 417 &:= 1^2 + 2^0 + 5^3 + 16^0 + 17^2 = 12 + 20 + 53 + 160 + 172 \\
 417 &:= 1^2 + 2^2 + 7^0 + 11^1 + 20^2 = 12 + 22 + 70 + 111 + 202 \\
 417 &:= 1^2 + 3^0 + 5^3 + 15^0 + 17^2 = 12 + 30 + 53 + 150 + 172 \\
 417 &:= 1^2 + 3^0 + 9^2 + 10^1 + 18^2 = 12 + 30 + 92 + 101 + 182 \\
 417 &:= 1^2 + 3^2 + 6^1 + 11^0 + 20^2 = 12 + 32 + 61 + 110 + 202 \\
 417 &:= 1^2 + 4^0 + 5^3 + 14^0 + 17^2 = 12 + 40 + 53 + 140 + 172 \\
 417 &:= 1^2 + 5^0 + 5^3 + 13^0 + 17^2 = 12 + 50 + 53 + 130 + 172 \\
 417 &:= 1^2 + 5^1 + 7^0 + 11^2 + 17^2 = 12 + 51 + 70 + 112 + 172 \\
 417 &:= 1^2 + 5^1 + 7^2 + 9^0 + 19^2 = 12 + 51 + 72 + 90 + 192 \\
 417 &:= 1^2 + 5^3 + 6^0 + 12^0 + 17^2 = 12 + 53 + 60 + 120 + 172 \\
 417 &:= 1^2 + 5^3 + 7^0 + 11^0 + 17^2 = 12 + 53 + 70 + 110 + 172 \\
 417 &:= 1^2 + 5^3 + 8^0 + 10^0 + 17^2 = 12 + 53 + 80 + 100 + 172 \\
 417 &:= 1^2 + 5^3 + 9^0 + 9^0 + 17^2 = 12 + 53 + 90 + 90 + 172
 \end{aligned}$$

$$\begin{aligned}
 417 &:= 1^3 + 1^9 + 5^3 + 16^0 + 17^2 = 13 + 19 + 53 + 160 + 172 & 417 &:= 2^2 + 2^2 + 8^1 + 9^0 + 20^2 = 22 + 22 + 81 + 90 + 202 \\
 417 &:= 1^3 + 2^1 + 5^0 + 13^1 + 20^2 = 13 + 21 + 50 + 131 + 202 & 417 &:= 2^2 + 3^1 + 3^2 + 13^0 + 20^2 = 22 + 31 + 32 + 130 + 202 \\
 417 &:= 1^3 + 3^1 + 5^0 + 12^1 + 20^2 = 13 + 31 + 50 + 121 + 202 & 417 &:= 2^2 + 5^0 + 7^1 + 9^2 + 18^2 = 22 + 50 + 71 + 92 + 182 \\
 417 &:= 1^3 + 4^1 + 5^0 + 11^1 + 20^2 = 13 + 41 + 50 + 111 + 202 & 417 &:= 2^3 + 3^1 + 5^1 + 11^0 + 20^2 = 23 + 31 + 51 + 110 + 202 \\
 417 &:= 1^3 + 5^0 + 5^1 + 10^1 + 20^2 = 13 + 50 + 51 + 101 + 202 & 417 &:= 2^3 + 4^1 + 4^1 + 11^0 + 20^2 = 23 + 41 + 41 + 110 + 202 \\
 417 &:= 1^3 + 5^0 + 6^1 + 9^1 + 20^2 = 13 + 50 + 61 + 91 + 202 & 417 &:= 2^4 + 2^4 + 2^7 + 16^2 + 18^0 = 24 + 24 + 27 + 162 + 180 \\
 417 &:= 1^3 + 5^0 + 7^1 + 8^1 + 20^2 = 13 + 50 + 71 + 81 + 202 & 417 &:= 2^5 + 2^6 + 4^4 + 8^2 + 24^0 = 25 + 26 + 44 + 82 + 240 \\
 417 &:= 1^4 + 1^8 + 5^3 + 16^0 + 17^2 = 14 + 18 + 53 + 160 + 172 & 417 &:= 2^5 + 2^8 + 8^2 + 8^2 + 20^0 = 25 + 28 + 82 + 82 + 200 \\
 417 &:= 1^4 + 2^0 + 4^0 + 14^1 + 20^2 = 14 + 20 + 40 + 141 + 202 & 417 &:= 2^6 + 2^7 + 6^3 + 8^1 + 22^0 = 26 + 27 + 63 + 81 + 220 \\
 417 &:= 1^4 + 3^0 + 3^0 + 14^1 + 20^2 = 14 + 30 + 30 + 141 + 202 & 417 &:= 2^6 + 2^8 + 9^2 + 12^0 + 15^1 = 26 + 28 + 92 + 120 + 151 \\
 417 &:= 1^5 + 1^7 + 5^3 + 16^0 + 17^2 = 15 + 17 + 53 + 160 + 172 & 417 &:= 2^7 + 2^7 + 8^0 + 12^2 + 16^1 = 27 + 27 + 80 + 122 + 161 \\
 417 &:= 1^5 + 1^9 + 4^0 + 14^1 + 20^2 = 15 + 19 + 40 + 141 + 202 & 417 &:= 2^7 + 2^8 + 4^0 + 10^1 + 22^1 = 27 + 28 + 40 + 101 + 221 \\
 417 &:= 1^6 + 1^6 + 5^3 + 16^0 + 17^2 = 16 + 16 + 53 + 160 + 172 & 417 &:= 2^7 + 2^8 + 4^0 + 11^1 + 21^1 = 27 + 28 + 40 + 111 + 211 \\
 417 &:= 1^6 + 1^8 + 4^0 + 14^1 + 20^2 = 16 + 18 + 40 + 141 + 202 & 417 &:= 2^7 + 2^8 + 4^0 + 12^1 + 20^1 = 27 + 28 + 40 + 121 + 201 \\
 417 &:= 1^6 + 2^6 + 3^3 + 16^0 + 18^2 = 16 + 26 + 33 + 160 + 182 & 417 &:= 2^7 + 2^8 + 4^0 + 13^1 + 19^1 = 27 + 28 + 40 + 131 + 191 \\
 417 &:= 1^6 + 2^8 + 10^0 + 12^2 + 15^1 = 16 + 28 + 100 + 122 + 151 & 417 &:= 2^7 + 2^8 + 4^0 + 14^1 + 18^1 = 27 + 28 + 40 + 141 + 181 \\
 417 &:= 1^7 + 1^7 + 4^0 + 14^1 + 20^2 = 17 + 17 + 40 + 141 + 202 & 417 &:= 2^7 + 2^8 + 4^0 + 15^1 + 17^1 = 27 + 28 + 40 + 151 + 171 \\
 417 &:= 1^7 + 2^6 + 7^3 + 8^1 + 22^0 = 17 + 26 + 73 + 81 + 220 & 417 &:= 2^7 + 2^8 + 4^0 + 16^1 + 16^1 = 27 + 28 + 40 + 161 + 161 \\
 417 &:= 1^8 + 2^3 + 4^3 + 7^3 + 26^0 = 18 + 23 + 43 + 73 + 260 & 417 &:= 2^7 + 2^8 + 4^0 + 5^1 + 27^1 = 27 + 28 + 40 + 51 + 271 \\
 417 &:= 1^9 + 2^3 + 7^3 + 8^2 + 22^0 = 19 + 23 + 73 + 82 + 220 & 417 &:= 2^7 + 2^8 + 4^0 + 6^1 + 26^1 = 27 + 28 + 40 + 61 + 261 \\
 417 &:= 1^9 + 3^1 + 3^5 + 13^2 + 20^0 = 19 + 31 + 35 + 132 + 200 & 417 &:= 2^7 + 2^8 + 4^0 + 7^1 + 25^1 = 27 + 28 + 40 + 71 + 251 \\
 417 &:= 1^9 + 3^3 + 3^3 + 14^0 + 19^2 = 19 + 33 + 33 + 140 + 192 & 417 &:= 2^7 + 2^8 + 4^0 + 8^1 + 24^1 = 27 + 28 + 40 + 81 + 241 \\
 417 &:= 1^9 + 3^3 + 4^3 + 14^0 + 18^2 = 19 + 33 + 43 + 140 + 182 & 417 &:= 2^7 + 2^8 + 4^0 + 9^1 + 23^1 = 27 + 28 + 40 + 91 + 231 \\
 417 &:= 2^0 + 3^3 + 8^2 + 10^0 + 18^2 = 20 + 33 + 82 + 100 + 182 & 417 &:= 3^0 + 3^1 + 10^2 + 12^2 + 13^2 = 30 + 31 + 102 + 122 + 132 \\
 417 &:= 2^0 + 3^4 + 8^0 + 10^1 + 18^2 = 20 + 34 + 80 + 101 + 182 & 417 &:= 3^0 + 3^1 + 7^2 + 7^3 + 21^1 = 30 + 31 + 72 + 73 + 211 \\
 417 &:= 2^0 + 4^3 + 7^3 + 8^1 + 20^0 = 20 + 43 + 73 + 81 + 200 & 417 &:= 3^0 + 3^2 + 6^2 + 10^1 + 19^2 = 30 + 32 + 62 + 101 + 192 \\
 417 &:= 2^0 + 4^4 + 8^0 + 12^2 + 15^1 = 20 + 44 + 80 + 122 + 151 & 417 &:= 3^0 + 3^2 + 7^1 + 12^2 + 16^2 = 30 + 32 + 71 + 122 + 162 \\
 417 &:= 2^0 + 5^3 + 10^0 + 11^2 + 13^2 = 20 + 53 + 100 + 112 + 132 & 417 &:= 3^0 + 3^3 + 8^2 + 9^0 + 18^2 = 30 + 33 + 82 + 90 + 182 \\
 417 &:= 2^0 + 6^2 + 6^2 + 7^3 + 20^0 = 20 + 62 + 62 + 73 + 200 & 417 &:= 3^0 + 3^4 + 7^0 + 10^1 + 18^2 = 30 + 34 + 70 + 101 + 182 \\
 417 &:= 2^1 + 2^1 + 6^3 + 14^2 + 17^0 = 21 + 21 + 63 + 142 + 170 & 417 &:= 3^0 + 4^1 + 7^2 + 7^3 + 20^1 = 30 + 41 + 72 + 73 + 201 \\
 417 &:= 2^1 + 2^2 + 7^2 + 11^0 + 19^2 = 21 + 22 + 72 + 110 + 192 & 417 &:= 3^0 + 4^2 + 6^1 + 13^2 + 15^2 = 30 + 42 + 61 + 132 + 152 \\
 417 &:= 2^1 + 2^2 + 9^0 + 11^2 + 17^2 = 21 + 22 + 90 + 112 + 172 & 417 &:= 3^0 + 4^3 + 7^3 + 8^1 + 19^0 = 30 + 43 + 73 + 81 + 190 \\
 417 &:= 2^1 + 2^3 + 6^1 + 11^0 + 20^2 = 21 + 23 + 61 + 110 + 202 & 417 &:= 3^0 + 4^4 + 7^0 + 12^2 + 15^1 = 30 + 44 + 70 + 122 + 151 \\
 417 &:= 2^1 + 3^0 + 7^2 + 7^3 + 22^1 = 21 + 30 + 72 + 73 + 221 & 417 &:= 3^0 + 5^1 + 7^2 + 7^3 + 19^1 = 30 + 51 + 72 + 73 + 191 \\
 417 &:= 2^1 + 3^2 + 9^0 + 9^2 + 18^2 = 21 + 32 + 90 + 92 + 182 & 417 &:= 3^0 + 5^3 + 9^0 + 11^2 + 13^2 = 30 + 53 + 90 + 112 + 132 \\
 417 &:= 2^1 + 5^0 + 7^2 + 13^2 + 14^2 = 21 + 50 + 72 + 132 + 142 & 417 &:= 3^0 + 6^1 + 7^2 + 7^3 + 18^1 = 30 + 61 + 72 + 73 + 181 \\
 417 &:= 2^1 + 5^2 + 7^0 + 10^2 + 17^2 = 21 + 52 + 70 + 102 + 172 & 417 &:= 3^0 + 6^2 + 6^2 + 7^3 + 19^0 = 30 + 62 + 62 + 73 + 190 \\
 417 &:= 2^1 + 7^1 + 7^3 + 8^2 + 17^0 = 21 + 71 + 73 + 82 + 170 & 417 &:= 3^0 + 6^2 + 7^1 + 7^2 + 18^2 = 30 + 62 + 71 + 72 + 182
 \end{aligned}$$

$$\begin{aligned}
 417 &:= 3^0 + 7^1 + 7^2 + 7^3 + 17^1 = 30 + 71 + 72 + 73 + 171 \\
 417 &:= 3^0 + 7^2 + 7^3 + 10^1 + 14^1 = 30 + 72 + 73 + 101 + 141 \\
 417 &:= 3^0 + 7^2 + 7^3 + 11^1 + 13^1 = 30 + 72 + 73 + 111 + 131 \\
 417 &:= 3^0 + 7^2 + 7^3 + 12^1 + 12^1 = 30 + 72 + 73 + 121 + 121 \\
 417 &:= 3^0 + 7^2 + 7^3 + 8^1 + 16^1 = 30 + 72 + 73 + 81 + 161 \\
 417 &:= 3^0 + 7^2 + 7^3 + 9^1 + 15^1 = 30 + 72 + 73 + 91 + 151 \\
 417 &:= 3^1 + 4^2 + 6^2 + 9^0 + 19^2 = 31 + 42 + 62 + 90 + 192 \\
 417 &:= 3^1 + 5^0 + 6^2 + 11^2 + 16^2 = 31 + 50 + 62 + 112 + 162 \\
 417 &:= 3^1 + 5^2 + 7^0 + 8^2 + 18^2 = 31 + 52 + 70 + 82 + 182 \\
 417 &:= 3^1 + 6^1 + 7^3 + 8^2 + 17^0 = 31 + 61 + 73 + 82 + 170 \\
 417 &:= 3^3 + 4^0 + 8^0 + 8^2 + 18^2 = 33 + 40 + 80 + 82 + 182 \\
 417 &:= 3^3 + 5^0 + 7^0 + 8^2 + 18^2 = 33 + 50 + 70 + 82 + 182 \\
 417 &:= 3^3 + 6^0 + 6^0 + 8^2 + 18^2 = 33 + 60 + 60 + 82 + 182 \\
 417 &:= 3^4 + 4^0 + 6^0 + 10^1 + 18^2 = 34 + 40 + 60 + 101 + 182 \\
 417 &:= 3^4 + 5^0 + 5^0 + 10^1 + 18^2 = 34 + 50 + 50 + 101 + 182 \\
 417 &:= 4^0 + 4^3 + 7^3 + 8^1 + 18^0 = 40 + 43 + 73 + 81 + 180 \\
 417 &:= 4^0 + 4^4 + 6^0 + 12^2 + 15^1 = 40 + 44 + 60 + 122 + 151 \\
 417 &:= 4^0 + 5^3 + 8^0 + 11^2 + 13^2 = 40 + 53 + 80 + 112 + 132 \\
 417 &:= 4^0 + 6^2 + 6^2 + 7^3 + 18^0 = 40 + 62 + 62 + 73 + 180 \\
 417 &:= 4^1 + 5^1 + 7^3 + 8^2 + 17^0 = 41 + 51 + 73 + 82 + 170
 \end{aligned}$$

$$\begin{aligned}
 417 &:= 4^3 + 5^0 + 7^3 + 8^1 + 17^0 = 43 + 50 + 73 + 81 + 170 \\
 417 &:= 4^3 + 6^0 + 7^3 + 8^1 + 16^0 = 43 + 60 + 73 + 81 + 160 \\
 417 &:= 4^3 + 7^0 + 7^3 + 8^1 + 15^0 = 43 + 70 + 73 + 81 + 150 \\
 417 &:= 4^3 + 7^3 + 8^0 + 8^1 + 14^0 = 43 + 73 + 80 + 81 + 140 \\
 417 &:= 4^3 + 7^3 + 8^1 + 10^0 + 12^0 = 43 + 73 + 81 + 100 + 120 \\
 417 &:= 4^3 + 7^3 + 8^1 + 11^0 + 11^0 = 43 + 73 + 81 + 110 + 110 \\
 417 &:= 4^3 + 7^3 + 8^1 + 9^0 + 13^0 = 43 + 73 + 81 + 90 + 130 \\
 417 &:= 4^4 + 5^0 + 5^0 + 12^2 + 15^1 = 44 + 50 + 50 + 122 + 151 \\
 417 &:= 5^0 + 5^3 + 7^0 + 11^2 + 13^2 = 50 + 53 + 70 + 112 + 132 \\
 417 &:= 5^0 + 6^2 + 6^2 + 7^3 + 17^0 = 50 + 62 + 62 + 73 + 170 \\
 417 &:= 5^1 + 5^2 + 5^2 + 7^0 + 19^2 = 51 + 52 + 52 + 70 + 192 \\
 417 &:= 5^3 + 6^0 + 6^0 + 11^2 + 13^2 = 53 + 60 + 60 + 112 + 132 \\
 417 &:= 6^0 + 6^2 + 6^2 + 7^3 + 16^0 = 60 + 62 + 62 + 73 + 160 \\
 417 &:= 6^2 + 6^2 + 7^0 + 7^3 + 15^0 = 62 + 62 + 70 + 73 + 150 \\
 417 &:= 6^2 + 6^2 + 7^3 + 10^0 + 12^0 = 62 + 62 + 73 + 100 + 120 \\
 417 &:= 6^2 + 6^2 + 7^3 + 11^0 + 11^0 = 62 + 62 + 73 + 110 + 110 \\
 417 &:= 6^2 + 6^2 + 7^3 + 8^0 + 14^0 = 62 + 62 + 73 + 80 + 140 \\
 417 &:= 6^2 + 6^2 + 7^3 + 9^0 + 13^0 = 62 + 62 + 73 + 90 + 130
 \end{aligned}$$

2.2.319 Number 418

$$\begin{aligned}
 418 &:= 1^2 + 2^4 + 18^0 + 20^2 = 12 + 24 + 180 + 202 \\
 418 &:= 1^4 + 4^2 + 16^0 + 20^2 = 14 + 42 + 160 + 202 \\
 418 &:= 1^5 + 4^0 + 16^1 + 20^2 = 15 + 40 + 161 + 202 \\
 418 &:= 1^6 + 2^7 + 4^4 + 33^1 = 16 + 27 + 44 + 331 \\
 418 &:= 3^5 + 5^1 + 13^2 + 20^0 = 35 + 51 + 132 + 200 \\
 418 &:= 4^3 + 4^3 + 16^0 + 17^2 = 43 + 43 + 160 + 172 \\
 418 &:= 1^0 + 1^5 + 4^0 + 15^1 + 20^2 = 10 + 15 + 40 + 151 + 202 \\
 418 &:= 1^0 + 2^3 + 2^3 + 16^0 + 20^2 = 10 + 23 + 23 + 160 + 202 \\
 418 &:= 1^0 + 2^4 + 10^0 + 12^2 + 16^2 = 10 + 24 + 100 + 122 + 162 \\
 418 &:= 1^0 + 3^2 + 4^3 + 7^3 + 26^0 = 10 + 32 + 43 + 73 + 260 \\
 418 &:= 1^0 + 3^5 + 4^1 + 13^2 + 20^0 = 10 + 35 + 41 + 132 + 200 \\
 418 &:= 1^0 + 4^2 + 4^4 + 12^2 + 20^0 = 10 + 42 + 44 + 122 + 200 \\
 418 &:= 1^1 + 1^4 + 4^0 + 15^1 + 20^2 = 11 + 14 + 40 + 151 + 202 \\
 418 &:= 1^1 + 2^2 + 6^3 + 14^2 + 18^0 = 11 + 22 + 63 + 142 + 180 \\
 418 &:= 1^1 + 3^2 + 7^3 + 8^2 + 22^0 = 11 + 32 + 73 + 82 + 220 \\
 418 &:= 1^1 + 3^3 + 10^0 + 10^2 + 17^2 = 11 + 33 + 100 + 102 + 172
 \end{aligned}$$

$$\begin{aligned}
 418 &:= 1^1 + 3^4 + 8^0 + 11^1 + 18^2 = 11 + 34 + 80 + 111 + 182 \\
 418 &:= 1^1 + 4^3 + 7^3 + 9^1 + 20^0 = 11 + 43 + 73 + 91 + 200 \\
 418 &:= 1^1 + 4^4 + 8^0 + 12^2 + 16^1 = 11 + 44 + 80 + 122 + 161 \\
 418 &:= 1^1 + 6^3 + 10^2 + 10^2 + 14^0 = 11 + 63 + 102 + 102 + 140 \\
 418 &:= 1^2 + 1^3 + 4^0 + 15^1 + 20^2 = 12 + 13 + 40 + 151 + 202 \\
 418 &:= 1^2 + 2^0 + 7^2 + 7^3 + 24^1 = 12 + 20 + 72 + 73 + 241 \\
 418 &:= 1^2 + 2^1 + 5^3 + 16^0 + 17^2 = 12 + 21 + 53 + 160 + 172 \\
 418 &:= 1^2 + 2^3 + 8^1 + 10^0 + 20^2 = 12 + 23 + 81 + 100 + 202 \\
 418 &:= 1^2 + 4^1 + 6^3 + 14^2 + 16^0 = 12 + 41 + 63 + 142 + 160 \\
 418 &:= 1^2 + 4^2 + 8^0 + 12^2 + 16^2 = 12 + 42 + 80 + 122 + 162 \\
 418 &:= 1^2 + 7^3 + 8^2 + 9^1 + 16^0 = 12 + 73 + 82 + 91 + 160 \\
 418 &:= 1^3 + 1^9 + 7^2 + 7^3 + 24^1 = 13 + 19 + 72 + 73 + 241 \\
 418 &:= 1^3 + 2^0 + 9^2 + 11^1 + 18^2 = 13 + 20 + 92 + 111 + 182 \\
 418 &:= 1^3 + 2^2 + 6^0 + 12^1 + 20^2 = 13 + 22 + 60 + 121 + 202 \\
 418 &:= 1^3 + 2^4 + 2^8 + 11^2 + 24^1 = 13 + 24 + 28 + 112 + 241 \\
 418 &:= 1^3 + 3^2 + 7^1 + 10^0 + 20^2 = 13 + 32 + 71 + 100 + 202
 \end{aligned}$$

$$\begin{aligned} 418 &:= 1^3 + 6^0 + 6^1 + 11^2 + 17^2 = 13 + 60 + 61 + 112 + 172 \\ 418 &:= 1^3 + 6^1 + 7^2 + 8^0 + 19^2 = 13 + 61 + 72 + 80 + 192 \\ 418 &:= 1^4 + 1^8 + 7^2 + 7^3 + 24^1 = 14 + 18 + 72 + 73 + 241 \\ 418 &:= 1^4 + 1^9 + 9^2 + 11^1 + 18^2 = 14 + 19 + 92 + 111 + 182 \\ 418 &:= 1^4 + 2^1 + 4^0 + 14^1 + 20^2 = 14 + 21 + 40 + 141 + 202 \\ 418 &:= 1^4 + 2^4 + 2^8 + 12^2 + 23^0 = 14 + 24 + 28 + 122 + 230 \\ 418 &:= 1^4 + 2^5 + 2^7 + 16^2 + 19^0 = 14 + 25 + 27 + 162 + 190 \\ 418 &:= 1^4 + 3^1 + 4^0 + 13^1 + 20^2 = 14 + 31 + 40 + 131 + 202 \\ 418 &:= 1^4 + 4^0 + 4^1 + 12^1 + 20^2 = 14 + 40 + 41 + 121 + 202 \\ 418 &:= 1^4 + 4^0 + 5^1 + 11^1 + 20^2 = 14 + 40 + 51 + 111 + 202 \\ 418 &:= 1^4 + 4^0 + 6^1 + 10^1 + 20^2 = 14 + 40 + 61 + 101 + 202 \\ 418 &:= 1^4 + 4^0 + 7^1 + 9^1 + 20^2 = 14 + 40 + 71 + 91 + 202 \\ 418 &:= 1^4 + 4^0 + 8^1 + 8^1 + 20^2 = 14 + 40 + 81 + 81 + 202 \\ 418 &:= 1^5 + 1^7 + 7^2 + 7^3 + 24^1 = 15 + 17 + 72 + 73 + 241 \\ 418 &:= 1^5 + 1^8 + 9^2 + 11^1 + 18^2 = 15 + 18 + 92 + 111 + 182 \\ 418 &:= 1^5 + 2^0 + 3^0 + 15^1 + 20^2 = 15 + 20 + 30 + 151 + 202 \\ 418 &:= 1^5 + 2^7 + 4^4 + 10^1 + 23^1 = 15 + 27 + 44 + 101 + 231 \\ 418 &:= 1^5 + 2^7 + 4^4 + 11^1 + 22^1 = 15 + 27 + 44 + 111 + 221 \\ 418 &:= 1^5 + 2^7 + 4^4 + 12^1 + 21^1 = 15 + 27 + 44 + 121 + 211 \\ 418 &:= 1^5 + 2^7 + 4^4 + 13^1 + 20^1 = 15 + 27 + 44 + 131 + 201 \\ 418 &:= 1^5 + 2^7 + 4^4 + 14^1 + 19^1 = 15 + 27 + 44 + 141 + 191 \\ 418 &:= 1^5 + 2^7 + 4^4 + 15^1 + 18^1 = 15 + 27 + 44 + 151 + 181 \\ 418 &:= 1^5 + 2^7 + 4^4 + 16^1 + 17^1 = 15 + 27 + 44 + 161 + 171 \\ 418 &:= 1^5 + 2^7 + 4^4 + 6^1 + 27^1 = 15 + 27 + 44 + 61 + 271 \\ 418 &:= 1^5 + 2^7 + 4^4 + 7^1 + 26^1 = 15 + 27 + 44 + 71 + 261 \\ 418 &:= 1^5 + 2^7 + 4^4 + 8^1 + 25^1 = 15 + 27 + 44 + 81 + 251 \\ 418 &:= 1^5 + 2^7 + 4^4 + 9^1 + 24^1 = 15 + 27 + 44 + 91 + 241 \\ 418 &:= 1^5 + 2^7 + 5^3 + 12^2 + 20^1 = 15 + 27 + 53 + 122 + 201 \\ 418 &:= 1^5 + 2^7 + 6^3 + 7^2 + 24^1 = 15 + 27 + 63 + 72 + 241 \\ 418 &:= 1^6 + 1^6 + 7^2 + 7^3 + 24^1 = 16 + 16 + 72 + 73 + 241 \\ 418 &:= 1^6 + 1^7 + 9^2 + 11^1 + 18^2 = 16 + 17 + 92 + 111 + 182 \\ 418 &:= 1^6 + 1^9 + 3^0 + 15^1 + 20^2 = 16 + 19 + 30 + 151 + 202 \\ 418 &:= 1^6 + 2^7 + 4^2 + 16^2 + 17^1 = 16 + 27 + 42 + 162 + 171 \\ 418 &:= 1^6 + 2^7 + 7^2 + 15^1 + 15^2 = 16 + 27 + 72 + 151 + 152 \\ 418 &:= 1^6 + 2^8 + 4^2 + 12^2 + 21^0 = 16 + 28 + 42 + 122 + 210 \\ 418 &:= 1^7 + 1^8 + 3^0 + 15^1 + 20^2 = 17 + 18 + 30 + 151 + 202 \\ 418 &:= 1^7 + 2^3 + 2^5 + 16^1 + 19^2 = 17 + 23 + 25 + 161 + 192 \\ 418 &:= 1^7 + 2^3 + 3^5 + 12^2 + 22^1 = 17 + 23 + 35 + 122 + 221 \end{aligned}$$

$$\begin{aligned} 418 &:= 1^7 + 2^5 + 4^2 + 7^3 + 26^1 = 17 + 25 + 42 + 73 + 261 \\ 418 &:= 1^7 + 2^6 + 3^2 + 7^3 + 27^0 = 17 + 26 + 32 + 73 + 270 \\ 418 &:= 1^7 + 2^7 + 12^2 + 12^2 + 13^0 = 17 + 27 + 122 + 122 + 130 \\ 418 &:= 1^7 + 2^8 + 9^0 + 12^2 + 16^1 = 17 + 28 + 90 + 122 + 161 \\ 418 &:= 1^8 + 2^4 + 4^4 + 12^2 + 21^0 = 18 + 24 + 44 + 122 + 210 \\ 418 &:= 1^8 + 2^5 + 3^2 + 15^1 + 19^2 = 18 + 25 + 32 + 151 + 192 \\ 418 &:= 1^8 + 2^5 + 7^2 + 12^1 + 18^2 = 18 + 25 + 72 + 121 + 182 \\ 418 &:= 1^8 + 2^6 + 7^3 + 9^1 + 21^0 = 18 + 26 + 73 + 91 + 210 \\ 418 &:= 1^8 + 3^2 + 3^5 + 12^2 + 21^1 = 18 + 32 + 35 + 122 + 211 \\ 418 &:= 1^8 + 3^2 + 4^4 + 5^3 + 27^1 = 18 + 32 + 44 + 53 + 271 \\ 418 &:= 1^8 + 3^4 + 4^3 + 16^1 + 16^2 = 18 + 34 + 43 + 161 + 162 \\ 418 &:= 1^8 + 3^4 + 6^3 + 10^2 + 20^1 = 18 + 34 + 63 + 102 + 201 \\ 418 &:= 1^9 + 2^2 + 3^5 + 13^2 + 21^0 = 19 + 22 + 35 + 132 + 210 \\ 418 &:= 1^9 + 2^4 + 9^1 + 14^2 + 14^2 = 19 + 24 + 91 + 142 + 142 \\ 418 &:= 1^9 + 3^4 + 10^2 + 11^1 + 15^2 = 19 + 34 + 102 + 111 + 152 \\ 418 &:= 2^0 + 2^3 + 2^3 + 15^0 + 20^2 = 20 + 23 + 23 + 150 + 202 \\ 418 &:= 2^0 + 2^3 + 6^2 + 12^1 + 19^2 = 20 + 23 + 62 + 121 + 192 \\ 418 &:= 2^0 + 2^3 + 9^1 + 12^2 + 16^2 = 20 + 23 + 91 + 122 + 162 \\ 418 &:= 2^0 + 2^4 + 9^0 + 12^2 + 16^2 = 20 + 24 + 90 + 122 + 162 \\ 418 &:= 2^0 + 3^2 + 4^3 + 7^3 + 25^0 = 20 + 32 + 43 + 73 + 250 \\ 418 &:= 2^0 + 3^3 + 4^2 + 13^1 + 19^2 = 20 + 33 + 42 + 131 + 192 \\ 418 &:= 2^0 + 3^5 + 4^1 + 13^2 + 19^0 = 20 + 35 + 41 + 132 + 190 \\ 418 &:= 2^0 + 4^2 + 4^3 + 13^1 + 18^2 = 20 + 42 + 43 + 131 + 182 \\ 418 &:= 2^0 + 4^2 + 4^4 + 12^2 + 19^0 = 20 + 42 + 44 + 122 + 190 \\ 418 &:= 2^0 + 4^2 + 6^2 + 7^3 + 22^1 = 20 + 42 + 62 + 73 + 221 \\ 418 &:= 2^0 + 4^2 + 6^3 + 13^2 + 16^1 = 20 + 42 + 63 + 132 + 161 \\ 418 &:= 2^0 + 6^2 + 8^2 + 11^2 + 14^2 = 20 + 62 + 82 + 112 + 142 \\ 418 &:= 2^0 + 8^2 + 8^2 + 8^2 + 15^2 = 20 + 82 + 82 + 82 + 152 \\ 418 &:= 2^1 + 3^3 + 8^2 + 10^0 + 18^2 = 21 + 33 + 82 + 100 + 182 \\ 418 &:= 2^1 + 3^4 + 8^0 + 10^1 + 18^2 = 21 + 34 + 80 + 101 + 182 \\ 418 &:= 2^1 + 4^3 + 7^3 + 8^1 + 20^0 = 21 + 43 + 73 + 81 + 200 \\ 418 &:= 2^1 + 4^4 + 8^0 + 12^2 + 15^1 = 21 + 44 + 80 + 122 + 151 \\ 418 &:= 2^1 + 5^3 + 10^0 + 11^2 + 13^2 = 21 + 53 + 100 + 112 + 132 \\ 418 &:= 2^1 + 6^2 + 6^2 + 7^3 + 20^0 = 21 + 62 + 62 + 73 + 200 \\ 418 &:= 2^2 + 2^2 + 3^2 + 14^0 + 20^2 = 22 + 22 + 32 + 140 + 202 \\ 418 &:= 2^2 + 2^3 + 5^1 + 12^0 + 20^2 = 22 + 23 + 51 + 120 + 202 \\ 418 &:= 2^2 + 4^0 + 10^2 + 12^2 + 13^2 = 22 + 40 + 102 + 122 + 132 \\ 418 &:= 2^2 + 4^0 + 7^2 + 7^3 + 21^1 = 22 + 40 + 72 + 73 + 211 \end{aligned}$$

$$\begin{aligned}418 &:= 2^2 + 4^2 + 6^2 + 10^0 + 19^2 = 22 + 42 + 62 + 100 + 192 \\418 &:= 2^2 + 5^2 + 8^0 + 8^2 + 18^2 = 22 + 52 + 80 + 82 + 182 \\418 &:= 2^2 + 6^0 + 6^2 + 11^2 + 16^2 = 22 + 60 + 62 + 112 + 162 \\418 &:= 2^2 + 6^1 + 7^3 + 8^2 + 18^0 = 22 + 61 + 73 + 82 + 180 \\418 &:= 2^3 + 2^3 + 3^0 + 14^0 + 20^2 = 23 + 23 + 30 + 140 + 202 \\418 &:= 2^3 + 2^3 + 4^0 + 13^0 + 20^2 = 23 + 23 + 40 + 130 + 202 \\418 &:= 2^3 + 2^3 + 5^0 + 12^0 + 20^2 = 23 + 23 + 50 + 120 + 202 \\418 &:= 2^3 + 2^3 + 6^0 + 11^0 + 20^2 = 23 + 23 + 60 + 110 + 202 \\418 &:= 2^3 + 2^3 + 7^0 + 10^0 + 20^2 = 23 + 23 + 70 + 100 + 202 \\418 &:= 2^3 + 2^3 + 8^0 + 9^0 + 20^2 = 23 + 23 + 80 + 90 + 202 \\418 &:= 2^3 + 2^5 + 2^8 + 11^2 + 23^0 = 23 + 25 + 28 + 112 + 230 \\418 &:= 2^3 + 4^1 + 8^0 + 9^2 + 18^2 = 23 + 41 + 80 + 92 + 182 \\418 &:= 2^4 + 2^5 + 2^6 + 17^1 + 17^2 = 24 + 25 + 26 + 171 + 172 \\418 &:= 2^4 + 2^8 + 3^4 + 8^2 + 25^0 = 24 + 28 + 34 + 82 + 250 \\418 &:= 2^4 + 3^0 + 8^0 + 12^2 + 16^2 = 24 + 30 + 80 + 122 + 162 \\418 &:= 2^4 + 4^0 + 7^0 + 12^2 + 16^2 = 24 + 40 + 70 + 122 + 162 \\418 &:= 2^4 + 5^0 + 6^0 + 12^2 + 16^2 = 24 + 50 + 60 + 122 + 162 \\418 &:= 2^5 + 2^5 + 2^6 + 17^0 + 17^2 = 25 + 25 + 26 + 170 + 172 \\418 &:= 2^5 + 2^7 + 3^5 + 14^1 + 19^0 = 25 + 27 + 35 + 141 + 190 \\418 &:= 2^5 + 2^7 + 4^2 + 6^3 + 26^1 = 25 + 27 + 42 + 63 + 261 \\418 &:= 2^6 + 2^7 + 3^2 + 6^3 + 27^0 = 26 + 27 + 32 + 63 + 270 \\418 &:= 2^6 + 2^7 + 5^3 + 10^2 + 21^0 = 26 + 27 + 53 + 102 + 210 \\418 &:= 2^6 + 2^8 + 4^2 + 9^2 + 23^0 = 26 + 28 + 42 + 92 + 230 \\418 &:= 2^7 + 2^8 + 3^2 + 9^0 + 24^1 = 27 + 28 + 32 + 90 + 241 \\418 &:= 2^7 + 2^8 + 4^2 + 15^0 + 17^1 = 27 + 28 + 42 + 150 + 171 \\418 &:= 2^7 + 2^8 + 5^2 + 8^1 + 23^0 = 27 + 28 + 52 + 81 + 230 \\418 &:= 3^0 + 3^2 + 4^3 + 7^3 + 24^0 = 30 + 32 + 43 + 73 + 240 \\418 &:= 3^0 + 3^5 + 4^1 + 13^2 + 18^0 = 30 + 35 + 41 + 132 + 180 \\418 &:= 3^0 + 4^2 + 4^4 + 12^2 + 18^0 = 30 + 42 + 44 + 122 + 180 \\418 &:= 3^1 + 3^4 + 8^0 + 9^1 + 18^2 = 31 + 34 + 80 + 91 + 182 \\418 &:= 3^1 + 4^3 + 7^1 + 7^3 + 20^0 = 31 + 43 + 71 + 73 + 200 \\418 &:= 3^1 + 4^4 + 8^0 + 12^2 + 14^1 = 31 + 44 + 80 + 122 + 141 \\418 &:= 3^1 + 5^3 + 8^2 + 10^0 + 15^2 = 31 + 53 + 82 + 100 + 152 \\418 &:= 3^2 + 4^0 + 4^3 + 7^3 + 23^0 = 32 + 40 + 43 + 73 + 230 \\418 &:= 3^2 + 4^2 + 6^0 + 14^2 + 14^2 = 32 + 42 + 60 + 142 + 142 \\418 &:= 3^2 + 4^3 + 5^0 + 7^3 + 22^0 = 32 + 43 + 50 + 73 + 220 \\418 &:= 3^2 + 4^3 + 6^0 + 7^3 + 21^0 = 32 + 43 + 60 + 73 + 210 \\418 &:= 3^2 + 4^3 + 7^0 + 7^3 + 20^0 = 32 + 43 + 70 + 73 + 200\end{aligned}$$

$$\begin{aligned}418 &:= 3^2 + 4^3 + 7^3 + 10^0 + 17^0 = 32 + 43 + 73 + 100 + 170 \\418 &:= 3^2 + 4^3 + 7^3 + 11^0 + 16^0 = 32 + 43 + 73 + 110 + 160 \\418 &:= 3^2 + 4^3 + 7^3 + 12^0 + 15^0 = 32 + 43 + 73 + 120 + 150 \\418 &:= 3^2 + 4^3 + 7^3 + 13^0 + 14^0 = 32 + 43 + 73 + 130 + 140 \\418 &:= 3^2 + 4^3 + 7^3 + 8^0 + 19^0 = 32 + 43 + 73 + 80 + 190 \\418 &:= 3^2 + 4^3 + 7^3 + 9^0 + 18^0 = 32 + 43 + 73 + 90 + 180 \\418 &:= 3^2 + 7^2 + 7^3 + 8^0 + 16^1 = 32 + 72 + 73 + 80 + 161 \\418 &:= 3^3 + 4^1 + 5^2 + 10^0 + 19^2 = 33 + 41 + 52 + 100 + 192 \\418 &:= 3^4 + 4^1 + 8^0 + 8^1 + 18^2 = 34 + 41 + 80 + 81 + 182 \\418 &:= 3^4 + 5^1 + 7^1 + 8^0 + 18^2 = 34 + 51 + 71 + 80 + 182 \\418 &:= 3^4 + 6^1 + 6^1 + 8^0 + 18^2 = 34 + 61 + 61 + 80 + 182 \\418 &:= 3^5 + 4^0 + 4^1 + 13^2 + 17^0 = 35 + 40 + 41 + 132 + 170 \\418 &:= 3^5 + 4^1 + 10^0 + 11^0 + 13^2 = 35 + 41 + 100 + 110 + 132 \\418 &:= 3^5 + 4^1 + 5^0 + 13^2 + 16^0 = 35 + 41 + 50 + 132 + 160 \\418 &:= 3^5 + 4^1 + 6^0 + 13^2 + 15^0 = 35 + 41 + 60 + 132 + 150 \\418 &:= 3^5 + 4^1 + 7^0 + 13^2 + 14^0 = 35 + 41 + 70 + 132 + 140 \\418 &:= 3^5 + 4^1 + 8^0 + 13^0 + 13^2 = 35 + 41 + 80 + 130 + 132 \\418 &:= 3^5 + 4^1 + 9^0 + 12^0 + 13^2 = 35 + 41 + 90 + 120 + 132 \\418 &:= 4^0 + 4^2 + 4^4 + 12^2 + 17^0 = 40 + 42 + 44 + 122 + 170 \\418 &:= 4^0 + 4^2 + 6^2 + 13^2 + 14^2 = 40 + 42 + 62 + 132 + 142 \\418 &:= 4^0 + 4^2 + 8^2 + 9^2 + 16^2 = 40 + 42 + 82 + 92 + 162 \\418 &:= 4^0 + 4^3 + 7^1 + 11^2 + 15^2 = 40 + 43 + 71 + 112 + 152 \\418 &:= 4^0 + 5^2 + 5^3 + 11^1 + 16^2 = 40 + 52 + 53 + 111 + 162 \\418 &:= 4^0 + 5^2 + 6^2 + 10^2 + 16^2 = 40 + 52 + 62 + 102 + 162 \\418 &:= 4^1 + 4^3 + 5^2 + 10^0 + 18^2 = 41 + 43 + 52 + 100 + 182 \\418 &:= 4^1 + 4^3 + 6^1 + 7^3 + 20^0 = 41 + 43 + 61 + 73 + 200 \\418 &:= 4^1 + 4^4 + 8^0 + 12^2 + 13^1 = 41 + 44 + 80 + 122 + 131 \\418 &:= 4^1 + 5^3 + 8^0 + 12^2 + 12^2 = 41 + 53 + 80 + 122 + 122 \\418 &:= 4^2 + 4^4 + 10^0 + 11^0 + 12^2 = 42 + 44 + 100 + 110 + 122 \\418 &:= 4^2 + 4^4 + 5^0 + 12^2 + 16^0 = 42 + 44 + 50 + 122 + 160 \\418 &:= 4^2 + 4^4 + 6^0 + 12^2 + 15^0 = 42 + 44 + 60 + 122 + 150 \\418 &:= 4^2 + 4^4 + 7^0 + 12^2 + 14^0 = 42 + 44 + 70 + 122 + 140 \\418 &:= 4^2 + 4^4 + 8^0 + 12^2 + 13^0 = 42 + 44 + 80 + 122 + 130 \\418 &:= 4^2 + 4^4 + 9^0 + 12^0 + 12^2 = 42 + 44 + 90 + 120 + 122 \\418 &:= 4^2 + 7^2 + 7^3 + 9^1 + 14^0 = 42 + 72 + 73 + 91 + 140 \\418 &:= 4^3 + 5^1 + 5^1 + 7^3 + 20^0 = 43 + 51 + 51 + 73 + 200 \\418 &:= 4^4 + 5^1 + 8^0 + 12^1 + 12^2 = 44 + 51 + 80 + 121 + 122 \\418 &:= 4^4 + 6^1 + 8^0 + 11^1 + 12^2 = 44 + 61 + 80 + 111 + 122\end{aligned}$$

$$418 := 4^4 + 7^1 + 8^0 + 10^1 + 12^2 = 44 + 71 + 80 + 101 + 122$$

$$418 := 4^4 + 8^0 + 8^1 + 9^1 + 12^2 = 44 + 80 + 81 + 91 + 122$$

$$418 := 5^2 + 6^2 + 7^3 + 10^0 + 13^1 = 52 + 62 + 73 + 100 + 131$$

$$418 := 5^2 + 6^3 + 7^1 + 10^0 + 13^2 = 52 + 63 + 71 + 100 + 132$$

$$418 := 6^3 + 7^2 + 8^0 + 8^1 + 12^2 = 63 + 72 + 80 + 81 + 122$$

2.2.320 Number 419

$$419 := 1^0 + 2^7 + 17^2 + 21^0 = 10 + 27 + 172 + 210$$

$$419 := 1^3 + 7^2 + 7^3 + 26^1 = 13 + 72 + 73 + 261$$

$$419 := 1^4 + 9^2 + 13^1 + 18^2 = 14 + 92 + 131 + 182$$

$$419 := 1^6 + 3^0 + 17^1 + 20^2 = 16 + 30 + 171 + 202$$

$$419 := 2^0 + 2^7 + 17^2 + 20^0 = 20 + 27 + 172 + 200$$

$$419 := 2^4 + 11^1 + 14^2 + 14^2 = 24 + 111 + 142 + 142$$

$$419 := 2^5 + 5^2 + 15^0 + 19^2 = 25 + 52 + 150 + 192$$

$$419 := 2^7 + 10^0 + 12^0 + 17^2 = 27 + 100 + 120 + 172$$

$$419 := 2^7 + 11^0 + 11^0 + 17^2 = 27 + 110 + 110 + 172$$

$$419 := 2^7 + 3^0 + 17^2 + 19^0 = 27 + 30 + 172 + 190$$

$$419 := 2^7 + 4^0 + 17^2 + 18^0 = 27 + 40 + 172 + 180$$

$$419 := 2^7 + 5^0 + 17^0 + 17^2 = 27 + 50 + 170 + 172$$

$$419 := 2^7 + 6^0 + 16^0 + 17^2 = 27 + 60 + 160 + 172$$

$$419 := 2^7 + 7^0 + 15^0 + 17^2 = 27 + 70 + 150 + 172$$

$$419 := 2^7 + 8^0 + 14^0 + 17^2 = 27 + 80 + 140 + 172$$

$$419 := 2^7 + 9^0 + 13^0 + 17^2 = 27 + 90 + 130 + 172$$

$$419 := 3^4 + 10^2 + 13^1 + 15^2 = 34 + 102 + 131 + 152$$

$$419 := 3^4 + 6^3 + 11^2 + 21^0 = 34 + 63 + 112 + 210$$

$$419 := 1^0 + 1^3 + 2^4 + 17^0 + 20^2 = 10 + 13 + 24 + 170 + 202$$

$$419 := 1^0 + 1^3 + 7^2 + 7^3 + 25^1 = 10 + 13 + 72 + 73 + 251$$

$$419 := 1^0 + 1^4 + 9^2 + 12^1 + 18^2 = 10 + 14 + 92 + 121 + 182$$

$$419 := 1^0 + 1^5 + 4^2 + 15^0 + 20^2 = 10 + 15 + 42 + 150 + 202$$

$$419 := 1^0 + 1^6 + 3^0 + 16^1 + 20^2 = 10 + 16 + 30 + 161 + 202$$

$$419 := 1^0 + 2^4 + 10^1 + 14^2 + 14^2 = 10 + 24 + 101 + 142 + 142$$

$$419 := 1^0 + 3^4 + 10^2 + 12^1 + 15^2 = 10 + 34 + 102 + 121 + 152$$

$$419 := 1^0 + 4^4 + 5^3 + 6^2 + 25^0 = 10 + 44 + 53 + 62 + 250$$

$$419 := 1^1 + 1^2 + 2^4 + 17^0 + 20^2 = 11 + 12 + 24 + 170 + 202$$

$$419 := 1^1 + 1^2 + 7^2 + 7^3 + 25^1 = 11 + 12 + 72 + 73 + 251$$

$$419 := 1^1 + 1^3 + 9^2 + 12^1 + 18^2 = 11 + 13 + 92 + 121 + 182$$

$$419 := 1^1 + 1^4 + 4^2 + 15^0 + 20^2 = 11 + 14 + 42 + 150 + 202$$

$$419 := 1^1 + 1^5 + 3^0 + 16^1 + 20^2 = 11 + 15 + 30 + 161 + 202$$

$$419 := 1^1 + 2^3 + 10^1 + 12^2 + 16^2 = 11 + 23 + 101 + 122 + 162$$

$$419 := 1^1 + 2^3 + 6^2 + 13^1 + 19^2 = 11 + 23 + 62 + 131 + 192$$

$$419 := 1^1 + 3^3 + 4^2 + 14^1 + 19^2 = 11 + 33 + 42 + 141 + 192$$

$$419 := 1^1 + 3^5 + 5^1 + 13^2 + 19^0 = 11 + 35 + 51 + 132 + 190$$

$$419 := 1^1 + 4^2 + 4^3 + 14^1 + 18^2 = 11 + 42 + 43 + 141 + 182$$

$$419 := 1^1 + 4^2 + 6^2 + 7^3 + 23^1 = 11 + 42 + 62 + 73 + 231$$

$$419 := 1^1 + 4^2 + 6^3 + 13^2 + 17^1 = 11 + 42 + 63 + 132 + 171$$

$$419 := 1^1 + 4^3 + 4^3 + 15^0 + 17^2 = 11 + 43 + 43 + 150 + 172$$

$$419 := 1^1 + 7^2 + 10^2 + 10^2 + 13^2 = 11 + 72 + 102 + 102 + 132$$

$$419 := 1^1 + 7^2 + 9^2 + 12^2 + 12^2 = 11 + 72 + 92 + 122 + 122$$

$$419 := 1^1 + 8^2 + 8^2 + 11^2 + 13^2 = 11 + 82 + 82 + 112 + 132$$

$$419 := 1^2 + 1^2 + 9^2 + 12^1 + 18^2 = 12 + 12 + 92 + 121 + 182$$

$$419 := 1^2 + 1^3 + 4^2 + 15^0 + 20^2 = 12 + 13 + 42 + 150 + 202$$

$$419 := 1^2 + 1^4 + 3^0 + 16^1 + 20^2 = 12 + 14 + 30 + 161 + 202$$

$$419 := 1^2 + 2^1 + 7^2 + 7^3 + 24^1 = 12 + 21 + 72 + 73 + 241$$

$$419 := 1^2 + 2^3 + 3^2 + 15^0 + 20^2 = 12 + 23 + 32 + 150 + 202$$

$$419 := 1^2 + 3^1 + 7^2 + 7^3 + 23^1 = 12 + 31 + 72 + 73 + 231$$

$$419 := 1^2 + 3^2 + 6^2 + 12^1 + 19^2 = 12 + 32 + 62 + 121 + 192$$

$$419 := 1^2 + 3^2 + 9^1 + 12^2 + 16^2 = 12 + 32 + 91 + 122 + 162$$

$$419 := 1^2 + 3^4 + 7^0 + 12^1 + 18^2 = 12 + 34 + 70 + 121 + 182$$

$$419 := 1^2 + 4^1 + 7^2 + 7^3 + 22^1 = 12 + 41 + 72 + 73 + 221$$

$$419 := 1^2 + 4^2 + 8^1 + 13^2 + 15^2 = 12 + 42 + 81 + 132 + 152$$

$$419 := 1^2 + 4^3 + 7^3 + 10^1 + 19^0 = 12 + 43 + 73 + 101 + 190$$

$$419 := 1^2 + 4^3 + 8^2 + 11^0 + 17^2 = 12 + 43 + 82 + 110 + 172$$

$$419 := 1^2 + 4^4 + 7^0 + 12^2 + 17^1 = 12 + 44 + 70 + 122 + 171$$

$$419 := 1^2 + 5^1 + 10^2 + 12^2 + 13^2 = 12 + 51 + 102 + 122 + 132$$

$$419 := 1^2 + 5^1 + 7^2 + 7^3 + 21^1 = 12 + 51 + 72 + 73 + 211$$

$$419 := 1^2 + 5^2 + 7^2 + 7^3 + 21^0 = 12 + 52 + 72 + 73 + 210$$

$$419 := 1^2 + 5^3 + 6^2 + 13^0 + 16^2 = 12 + 53 + 62 + 130 + 162$$

$$419 := 1^2 + 6^1 + 7^2 + 7^3 + 20^1 = 12 + 61 + 72 + 73 + 201$$

$$419 := 1^2 + 6^2 + 7^2 + 9^1 + 18^2 = 12 + 62 + 72 + 91 + 182$$

$$419 := 1^2 + 7^1 + 7^2 + 7^3 + 19^1 = 12 + 71 + 72 + 73 + 191$$

$$419 := 1^2 + 7^2 + 7^3 + 10^1 + 16^1 = 12 + 72 + 73 + 101 + 161$$

$$\begin{aligned} 419 &:= 1^2 + 7^2 + 7^3 + 11^1 + 15^1 = 12 + 72 + 73 + 111 + 151 \\ 419 &:= 1^2 + 7^2 + 7^3 + 12^1 + 14^1 = 12 + 72 + 73 + 121 + 141 \\ 419 &:= 1^2 + 7^2 + 7^3 + 13^1 + 13^1 = 12 + 72 + 73 + 131 + 131 \\ 419 &:= 1^2 + 7^2 + 7^3 + 8^1 + 18^1 = 12 + 72 + 73 + 81 + 181 \\ 419 &:= 1^2 + 7^2 + 7^3 + 9^1 + 17^1 = 12 + 72 + 73 + 91 + 171 \\ 419 &:= 1^3 + 1^3 + 3^0 + 16^1 + 20^2 = 13 + 13 + 30 + 161 + 202 \\ 419 &:= 1^3 + 2^0 + 2^4 + 16^0 + 20^2 = 13 + 20 + 24 + 160 + 202 \\ 419 &:= 1^3 + 2^1 + 9^2 + 11^1 + 18^2 = 13 + 21 + 92 + 111 + 182 \\ 419 &:= 1^3 + 2^3 + 9^0 + 9^1 + 20^2 = 13 + 23 + 90 + 91 + 202 \\ 419 &:= 1^3 + 2^4 + 3^0 + 15^0 + 20^2 = 13 + 24 + 30 + 150 + 202 \\ 419 &:= 1^3 + 2^4 + 4^0 + 14^0 + 20^2 = 13 + 24 + 40 + 140 + 202 \\ 419 &:= 1^3 + 2^4 + 5^0 + 13^0 + 20^2 = 13 + 24 + 50 + 130 + 202 \\ 419 &:= 1^3 + 2^4 + 6^0 + 12^0 + 20^2 = 13 + 24 + 60 + 120 + 202 \\ 419 &:= 1^3 + 2^4 + 7^0 + 11^0 + 20^2 = 13 + 24 + 70 + 110 + 202 \\ 419 &:= 1^3 + 2^4 + 8^0 + 10^0 + 20^2 = 13 + 24 + 80 + 100 + 202 \\ 419 &:= 1^3 + 2^4 + 9^0 + 9^0 + 20^2 = 13 + 24 + 90 + 90 + 202 \\ 419 &:= 1^3 + 3^1 + 5^3 + 15^0 + 17^2 = 13 + 31 + 53 + 150 + 172 \\ 419 &:= 1^3 + 3^1 + 9^2 + 10^1 + 18^2 = 13 + 31 + 92 + 101 + 182 \\ 419 &:= 1^3 + 4^1 + 9^1 + 9^2 + 18^2 = 13 + 41 + 91 + 92 + 182 \\ 419 &:= 1^3 + 5^0 + 10^2 + 11^2 + 14^2 = 13 + 50 + 102 + 112 + 142 \\ 419 &:= 1^3 + 5^1 + 6^3 + 14^2 + 15^0 = 13 + 51 + 63 + 142 + 150 \\ 419 &:= 1^3 + 5^1 + 8^1 + 9^2 + 18^2 = 13 + 51 + 81 + 92 + 182 \\ 419 &:= 1^3 + 5^2 + 7^0 + 14^2 + 14^2 = 13 + 52 + 70 + 142 + 142 \\ 419 &:= 1^3 + 6^1 + 7^1 + 9^2 + 18^2 = 13 + 61 + 71 + 92 + 182 \\ 419 &:= 1^3 + 7^0 + 8^2 + 8^2 + 17^2 = 13 + 70 + 82 + 82 + 172 \\ 419 &:= 1^3 + 7^3 + 8^2 + 10^1 + 15^0 = 13 + 73 + 82 + 101 + 150 \\ 419 &:= 1^4 + 1^9 + 2^4 + 16^0 + 20^2 = 14 + 19 + 24 + 160 + 202 \\ 419 &:= 1^4 + 2^2 + 5^0 + 13^1 + 20^2 = 14 + 22 + 50 + 131 + 202 \\ 419 &:= 1^4 + 2^6 + 2^7 + 15^2 + 20^0 = 14 + 26 + 27 + 152 + 200 \\ 419 &:= 1^4 + 3^2 + 8^1 + 9^0 + 20^2 = 14 + 32 + 81 + 90 + 202 \\ 419 &:= 1^4 + 5^0 + 7^1 + 11^2 + 17^2 = 14 + 50 + 71 + 112 + 172 \\ 419 &:= 1^4 + 7^0 + 7^1 + 7^2 + 19^2 = 14 + 70 + 71 + 72 + 192 \\ 419 &:= 1^5 + 1^8 + 2^4 + 16^0 + 20^2 = 15 + 18 + 24 + 160 + 202 \\ 419 &:= 1^5 + 2^0 + 4^2 + 14^0 + 20^2 = 15 + 20 + 42 + 140 + 202 \\ 419 &:= 1^5 + 2^1 + 3^0 + 15^1 + 20^2 = 15 + 21 + 30 + 151 + 202 \\ 419 &:= 1^5 + 2^6 + 2^6 + 17^2 + 18^0 = 15 + 26 + 26 + 172 + 180 \\ 419 &:= 1^5 + 3^0 + 3^1 + 14^1 + 20^2 = 15 + 30 + 31 + 141 + 202 \\ 419 &:= 1^5 + 3^0 + 4^1 + 13^1 + 20^2 = 15 + 30 + 41 + 131 + 202 \end{aligned}$$

$$\begin{aligned} 419 &:= 1^5 + 3^0 + 4^2 + 13^0 + 20^2 = 15 + 30 + 42 + 130 + 202 \\ 419 &:= 1^5 + 3^0 + 5^1 + 12^1 + 20^2 = 15 + 30 + 51 + 121 + 202 \\ 419 &:= 1^5 + 3^0 + 6^1 + 11^1 + 20^2 = 15 + 30 + 61 + 111 + 202 \\ 419 &:= 1^5 + 3^0 + 7^1 + 10^1 + 20^2 = 15 + 30 + 71 + 101 + 202 \\ 419 &:= 1^5 + 3^0 + 8^1 + 9^1 + 20^2 = 15 + 30 + 81 + 91 + 202 \\ 419 &:= 1^5 + 4^0 + 4^2 + 12^0 + 20^2 = 15 + 40 + 42 + 120 + 202 \\ 419 &:= 1^5 + 4^2 + 5^0 + 11^0 + 20^2 = 15 + 42 + 50 + 110 + 202 \\ 419 &:= 1^5 + 4^2 + 6^0 + 10^0 + 20^2 = 15 + 42 + 60 + 100 + 202 \\ 419 &:= 1^5 + 4^2 + 7^0 + 9^0 + 20^2 = 15 + 42 + 70 + 90 + 202 \\ 419 &:= 1^5 + 4^2 + 8^0 + 8^0 + 20^2 = 15 + 42 + 80 + 80 + 202 \\ 419 &:= 1^6 + 1^7 + 2^4 + 16^0 + 20^2 = 16 + 17 + 24 + 160 + 202 \\ 419 &:= 1^6 + 1^9 + 4^2 + 14^0 + 20^2 = 16 + 19 + 42 + 140 + 202 \\ 419 &:= 1^6 + 2^0 + 2^0 + 16^1 + 20^2 = 16 + 20 + 20 + 161 + 202 \\ 419 &:= 1^6 + 2^8 + 5^3 + 6^2 + 26^0 = 16 + 28 + 53 + 62 + 260 \\ 419 &:= 1^7 + 1^8 + 4^2 + 14^0 + 20^2 = 17 + 18 + 42 + 140 + 202 \\ 419 &:= 1^7 + 1^9 + 2^0 + 16^1 + 20^2 = 17 + 19 + 20 + 161 + 202 \\ 419 &:= 1^7 + 2^7 + 4^3 + 15^2 + 18^0 = 17 + 27 + 43 + 152 + 180 \\ 419 &:= 1^8 + 1^8 + 2^0 + 16^1 + 20^2 = 18 + 18 + 20 + 161 + 202 \\ 419 &:= 1^8 + 1^9 + 1^9 + 16^1 + 20^2 = 18 + 19 + 19 + 161 + 202 \\ 419 &:= 1^8 + 2^6 + 4^3 + 16^0 + 17^2 = 18 + 26 + 43 + 160 + 172 \\ 419 &:= 1^8 + 2^7 + 8^2 + 14^0 + 15^2 = 18 + 27 + 82 + 140 + 152 \\ 419 &:= 1^8 + 2^8 + 8^0 + 12^2 + 17^1 = 18 + 28 + 80 + 122 + 171 \\ 419 &:= 1^9 + 2^5 + 6^3 + 13^2 + 18^0 = 19 + 25 + 63 + 132 + 180 \\ 419 &:= 1^9 + 2^6 + 7^3 + 10^1 + 20^0 = 19 + 26 + 73 + 101 + 200 \\ 419 &:= 1^9 + 2^6 + 8^2 + 12^0 + 17^2 = 19 + 26 + 82 + 120 + 172 \\ 419 &:= 1^9 + 3^5 + 5^3 + 7^2 + 24^0 = 19 + 35 + 53 + 72 + 240 \\ 419 &:= 2^0 + 4^4 + 5^3 + 6^2 + 24^0 = 20 + 44 + 53 + 62 + 240 \\ 419 &:= 2^1 + 2^3 + 2^3 + 15^0 + 20^2 = 21 + 23 + 23 + 150 + 202 \\ 419 &:= 2^1 + 2^3 + 6^2 + 12^1 + 19^2 = 21 + 23 + 62 + 121 + 192 \\ 419 &:= 2^1 + 2^3 + 9^1 + 12^2 + 16^2 = 21 + 23 + 91 + 122 + 162 \\ 419 &:= 2^1 + 2^4 + 9^0 + 12^2 + 16^2 = 21 + 24 + 90 + 122 + 162 \\ 419 &:= 2^1 + 3^2 + 4^3 + 7^3 + 25^0 = 21 + 32 + 43 + 73 + 250 \\ 419 &:= 2^1 + 3^3 + 4^2 + 13^1 + 19^2 = 21 + 33 + 42 + 131 + 192 \\ 419 &:= 2^1 + 3^5 + 4^1 + 13^2 + 19^0 = 21 + 35 + 41 + 132 + 190 \\ 419 &:= 2^1 + 4^2 + 4^3 + 13^1 + 18^2 = 21 + 42 + 43 + 131 + 182 \\ 419 &:= 2^1 + 4^2 + 4^4 + 12^2 + 19^0 = 21 + 42 + 44 + 122 + 190 \\ 419 &:= 2^1 + 4^2 + 6^2 + 7^3 + 22^1 = 21 + 42 + 62 + 73 + 221 \\ 419 &:= 2^1 + 4^2 + 6^3 + 13^2 + 16^1 = 21 + 42 + 63 + 132 + 161 \end{aligned}$$

$$\begin{aligned} 419 &:= 2^1 + 6^2 + 8^2 + 11^2 + 14^2 = 21 + 62 + 82 + 112 + 142 \\ 419 &:= 2^1 + 8^2 + 8^2 + 8^2 + 15^2 = 21 + 82 + 82 + 82 + 152 \\ 419 &:= 2^2 + 3^4 + 9^0 + 9^1 + 18^2 = 22 + 34 + 90 + 91 + 182 \\ 419 &:= 2^2 + 4^1 + 11^2 + 11^2 + 13^2 = 22 + 41 + 112 + 112 + 132 \\ 419 &:= 2^2 + 4^2 + 7^1 + 14^2 + 14^2 = 22 + 42 + 71 + 142 + 142 \\ 419 &:= 2^2 + 4^3 + 7^1 + 7^3 + 21^0 = 22 + 43 + 71 + 73 + 210 \\ 419 &:= 2^2 + 4^4 + 9^0 + 12^2 + 14^1 = 22 + 44 + 90 + 122 + 141 \\ 419 &:= 2^2 + 5^1 + 8^2 + 11^2 + 15^2 = 22 + 51 + 82 + 112 + 152 \\ 419 &:= 2^2 + 5^3 + 8^2 + 11^0 + 15^2 = 22 + 53 + 82 + 110 + 152 \\ 419 &:= 2^3 + 2^7 + 2^8 + 8^0 + 26^1 = 23 + 27 + 28 + 80 + 261 \\ 419 &:= 2^3 + 3^1 + 6^2 + 11^1 + 19^2 = 23 + 31 + 62 + 111 + 192 \\ 419 &:= 2^3 + 3^1 + 7^3 + 8^2 + 21^0 = 23 + 31 + 73 + 82 + 210 \\ 419 &:= 2^3 + 3^1 + 8^1 + 12^2 + 16^2 = 23 + 31 + 81 + 122 + 162 \\ 419 &:= 2^3 + 4^1 + 6^2 + 10^1 + 19^2 = 23 + 41 + 62 + 101 + 192 \\ 419 &:= 2^3 + 4^1 + 7^1 + 12^2 + 16^2 = 23 + 41 + 71 + 122 + 162 \\ 419 &:= 2^3 + 4^2 + 7^0 + 13^2 + 15^2 = 23 + 42 + 70 + 132 + 152 \\ 419 &:= 2^3 + 5^0 + 8^2 + 11^2 + 15^2 = 23 + 50 + 82 + 112 + 152 \\ 419 &:= 2^3 + 5^1 + 6^1 + 12^2 + 16^2 = 23 + 51 + 61 + 122 + 162 \\ 419 &:= 2^3 + 5^1 + 6^2 + 9^1 + 19^2 = 23 + 51 + 62 + 91 + 192 \\ 419 &:= 2^3 + 6^1 + 6^2 + 8^1 + 19^2 = 23 + 61 + 62 + 81 + 192 \\ 419 &:= 2^3 + 6^2 + 7^1 + 7^1 + 19^2 = 23 + 62 + 71 + 71 + 192 \\ 419 &:= 2^3 + 7^0 + 7^2 + 7^3 + 18^1 = 23 + 70 + 72 + 73 + 181 \\ 419 &:= 2^4 + 3^0 + 8^1 + 13^2 + 15^2 = 24 + 30 + 81 + 132 + 152 \\ 419 &:= 2^4 + 5^1 + 6^2 + 9^0 + 19^2 = 24 + 51 + 62 + 90 + 192 \\ 419 &:= 2^5 + 2^8 + 3^4 + 7^2 + 26^0 = 25 + 28 + 34 + 72 + 260 \\ 419 &:= 2^6 + 2^8 + 3^4 + 16^0 + 17^1 = 26 + 28 + 34 + 160 + 171 \\ 419 &:= 2^7 + 2^8 + 3^3 + 7^1 + 26^0 = 27 + 28 + 33 + 71 + 260 \\ 419 &:= 3^0 + 3^3 + 5^2 + 7^3 + 23^1 = 30 + 33 + 52 + 73 + 231 \\ 419 &:= 3^0 + 3^4 + 6^2 + 12^1 + 17^2 = 30 + 34 + 62 + 121 + 172 \\ 419 &:= 3^0 + 4^3 + 6^3 + 11^2 + 17^1 = 30 + 43 + 63 + 112 + 171 \\ 419 &:= 3^0 + 4^4 + 5^3 + 6^2 + 23^0 = 30 + 44 + 53 + 62 + 230 \\ 419 &:= 3^0 + 4^4 + 8^2 + 9^2 + 17^1 = 30 + 44 + 82 + 92 + 171 \\ 419 &:= 3^1 + 3^1 + 3^5 + 13^2 + 19^0 = 31 + 31 + 35 + 132 + 190 \\ 419 &:= 3^1 + 3^3 + 3^3 + 13^0 + 19^2 = 31 + 33 + 33 + 130 + 192 \\ 419 &:= 3^1 + 3^3 + 4^2 + 12^1 + 19^2 = 31 + 33 + 42 + 121 + 192 \\ 419 &:= 3^1 + 3^3 + 4^3 + 13^0 + 18^2 = 31 + 33 + 43 + 130 + 182 \\ 419 &:= 3^1 + 4^2 + 4^3 + 12^1 + 18^2 = 31 + 42 + 43 + 121 + 182 \\ 419 &:= 3^1 + 4^2 + 6^2 + 7^3 + 21^1 = 31 + 42 + 62 + 73 + 211 \end{aligned}$$

$$\begin{aligned} 419 &:= 3^1 + 4^2 + 6^3 + 13^2 + 15^1 = 31 + 42 + 63 + 132 + 151 \\ 419 &:= 3^2 + 3^2 + 7^1 + 13^2 + 15^2 = 32 + 32 + 71 + 132 + 152 \\ 419 &:= 3^2 + 3^4 + 4^1 + 13^0 + 18^2 = 32 + 34 + 41 + 130 + 182 \\ 419 &:= 3^2 + 4^1 + 9^2 + 10^2 + 15^2 = 32 + 41 + 92 + 102 + 152 \\ 419 &:= 3^2 + 4^4 + 9^1 + 12^2 + 13^0 = 32 + 44 + 91 + 122 + 130 \\ 419 &:= 3^2 + 5^1 + 6^2 + 12^2 + 15^2 = 32 + 51 + 62 + 122 + 152 \\ 419 &:= 3^2 + 5^1 + 7^2 + 10^2 + 16^2 = 32 + 51 + 72 + 102 + 162 \\ 419 &:= 3^2 + 6^3 + 7^2 + 12^2 + 13^0 = 32 + 63 + 72 + 122 + 130 \\ 419 &:= 3^3 + 4^1 + 4^2 + 11^1 + 19^2 = 33 + 41 + 42 + 111 + 192 \\ 419 &:= 3^3 + 4^2 + 5^1 + 10^1 + 19^2 = 33 + 42 + 51 + 101 + 192 \\ 419 &:= 3^3 + 4^2 + 6^1 + 9^1 + 19^2 = 33 + 42 + 61 + 91 + 192 \\ 419 &:= 3^3 + 4^2 + 7^1 + 8^1 + 19^2 = 33 + 42 + 71 + 81 + 192 \\ 419 &:= 3^3 + 5^3 + 7^0 + 10^1 + 16^2 = 33 + 53 + 70 + 101 + 162 \\ 419 &:= 3^3 + 6^1 + 6^3 + 13^0 + 13^2 = 33 + 61 + 63 + 130 + 132 \\ 419 &:= 3^3 + 6^2 + 7^3 + 12^1 + 13^0 = 33 + 62 + 73 + 121 + 130 \\ 419 &:= 4^0 + 4^4 + 5^3 + 6^2 + 22^0 = 40 + 44 + 53 + 62 + 220 \\ 419 &:= 4^1 + 4^2 + 4^3 + 11^1 + 18^2 = 41 + 42 + 43 + 111 + 182 \\ 419 &:= 4^1 + 4^2 + 6^2 + 7^3 + 20^1 = 41 + 42 + 62 + 73 + 201 \\ 419 &:= 4^1 + 4^2 + 6^3 + 13^2 + 14^1 = 41 + 42 + 63 + 132 + 141 \\ 419 &:= 4^1 + 4^3 + 5^3 + 13^0 + 15^2 = 41 + 43 + 53 + 130 + 152 \\ 419 &:= 4^1 + 5^2 + 5^2 + 13^2 + 14^2 = 41 + 52 + 52 + 132 + 142 \\ 419 &:= 4^2 + 4^2 + 4^2 + 10^1 + 19^2 = 42 + 42 + 42 + 101 + 192 \\ 419 &:= 4^2 + 4^3 + 5^1 + 10^1 + 18^2 = 42 + 43 + 51 + 101 + 182 \\ 419 &:= 4^2 + 4^3 + 6^1 + 9^1 + 18^2 = 42 + 43 + 61 + 91 + 182 \\ 419 &:= 4^2 + 4^3 + 7^0 + 13^2 + 13^2 = 42 + 43 + 70 + 132 + 132 \\ 419 &:= 4^2 + 4^3 + 7^1 + 8^1 + 18^2 = 42 + 43 + 71 + 81 + 182 \\ 419 &:= 4^2 + 4^3 + 7^2 + 9^0 + 17^2 = 42 + 43 + 72 + 90 + 172 \\ 419 &:= 4^2 + 5^1 + 6^2 + 7^3 + 19^1 = 42 + 51 + 62 + 73 + 191 \\ 419 &:= 4^2 + 5^1 + 6^3 + 13^1 + 13^2 = 42 + 51 + 63 + 131 + 132 \\ 419 &:= 4^2 + 5^3 + 9^0 + 9^2 + 14^2 = 42 + 53 + 90 + 92 + 142 \\ 419 &:= 4^2 + 6^1 + 6^2 + 7^3 + 18^1 = 42 + 61 + 62 + 73 + 181 \\ 419 &:= 4^2 + 6^1 + 6^3 + 12^1 + 13^2 = 42 + 61 + 63 + 121 + 132 \\ 419 &:= 4^2 + 6^2 + 6^2 + 7^1 + 18^2 = 42 + 62 + 62 + 71 + 182 \\ 419 &:= 4^2 + 6^2 + 7^1 + 7^3 + 17^1 = 42 + 62 + 71 + 73 + 171 \\ 419 &:= 4^2 + 6^2 + 7^3 + 10^1 + 14^1 = 42 + 62 + 73 + 101 + 141 \\ 419 &:= 4^2 + 6^2 + 7^3 + 11^1 + 13^1 = 42 + 62 + 73 + 111 + 131 \\ 419 &:= 4^2 + 6^2 + 7^3 + 12^1 + 12^1 = 42 + 62 + 73 + 121 + 121 \\ 419 &:= 4^2 + 6^2 + 7^3 + 8^1 + 16^1 = 42 + 62 + 73 + 81 + 161 \end{aligned}$$

$$\begin{aligned}
 419 &:= 4^2 + 6^2 + 7^3 + 9^1 + 15^1 = 42 + 62 + 73 + 91 + 151 \\
 419 &:= 4^2 + 6^3 + 7^1 + 11^1 + 13^2 = 42 + 63 + 71 + 111 + 132 \\
 419 &:= 4^2 + 6^3 + 8^1 + 10^1 + 13^2 = 42 + 63 + 81 + 101 + 132 \\
 419 &:= 4^2 + 6^3 + 9^1 + 9^1 + 13^2 = 42 + 63 + 91 + 91 + 132 \\
 419 &:= 4^3 + 5^0 + 8^2 + 11^2 + 13^2 = 43 + 50 + 82 + 112 + 132 \\
 419 &:= 4^3 + 7^0 + 7^2 + 7^2 + 16^2 = 43 + 70 + 72 + 72 + 162 \\
 419 &:= 4^4 + 5^0 + 5^2 + 11^2 + 16^1 = 44 + 50 + 52 + 112 + 161 \\
 419 &:= 4^4 + 5^0 + 5^3 + 6^2 + 21^0 = 44 + 50 + 53 + 62 + 210 \\
 419 &:= 4^4 + 5^1 + 6^2 + 11^2 + 15^0 = 44 + 51 + 62 + 112 + 150 \\
 419 &:= 4^4 + 5^3 + 6^0 + 6^2 + 20^0 = 44 + 53 + 60 + 62 + 200 \\
 419 &:= 4^4 + 5^3 + 6^2 + 10^0 + 16^0 = 44 + 53 + 62 + 100 + 160 \\
 419 &:= 4^4 + 5^3 + 6^2 + 11^0 + 15^0 = 44 + 53 + 62 + 110 + 150
 \end{aligned}$$

$$\begin{aligned}
 419 &:= 4^4 + 5^3 + 6^2 + 12^0 + 14^0 = 44 + 53 + 62 + 120 + 140 \\
 419 &:= 4^4 + 5^3 + 6^2 + 13^0 + 13^0 = 44 + 53 + 62 + 130 + 130 \\
 419 &:= 4^4 + 5^3 + 6^2 + 7^0 + 19^0 = 44 + 53 + 62 + 70 + 190 \\
 419 &:= 4^4 + 5^3 + 6^2 + 8^0 + 18^0 = 44 + 53 + 62 + 80 + 180 \\
 419 &:= 4^4 + 5^3 + 6^2 + 9^0 + 17^0 = 44 + 53 + 62 + 90 + 170 \\
 419 &:= 4^4 + 7^0 + 7^2 + 10^2 + 13^1 = 44 + 70 + 72 + 102 + 131 \\
 419 &:= 5^1 + 5^2 + 6^2 + 8^2 + 17^2 = 51 + 52 + 62 + 82 + 172 \\
 419 &:= 5^2 + 5^2 + 5^2 + 7^3 + 19^0 = 52 + 52 + 52 + 73 + 190 \\
 419 &:= 5^3 + 6^3 + 8^2 + 9^0 + 13^1 = 53 + 63 + 82 + 90 + 131 \\
 419 &:= 5^3 + 7^0 + 7^2 + 10^2 + 12^2 = 53 + 70 + 72 + 102 + 122
 \end{aligned}$$

2.2.321 Number 420

$$\begin{aligned}
 420 &:= 1^4 + 2^7 + 2^8 + 35^1 = 14 + 27 + 28 + 351 \\
 420 &:= 1^7 + 2^0 + 18^1 + 20^2 = 17 + 20 + 181 + 202 \\
 420 &:= 1^8 + 1^9 + 18^1 + 20^2 = 18 + 19 + 181 + 202 \\
 420 &:= 2^1 + 2^7 + 17^2 + 20^0 = 21 + 27 + 172 + 200 \\
 420 &:= 2^6 + 7^3 + 12^1 + 20^0 = 26 + 73 + 121 + 200 \\
 420 &:= 1^0 + 1^1 + 2^7 + 17^2 + 20^0 = 10 + 11 + 27 + 172 + 200 \\
 420 &:= 1^0 + 1^7 + 2^0 + 17^1 + 20^2 = 10 + 17 + 20 + 171 + 202 \\
 420 &:= 1^0 + 1^8 + 1^9 + 17^1 + 20^2 = 10 + 18 + 19 + 171 + 202 \\
 420 &:= 1^0 + 2^6 + 7^3 + 11^1 + 20^0 = 10 + 26 + 73 + 111 + 200 \\
 420 &:= 1^0 + 3^4 + 3^4 + 16^2 + 18^0 = 10 + 34 + 34 + 162 + 180 \\
 420 &:= 1^0 + 3^4 + 4^4 + 9^2 + 24^0 = 10 + 34 + 44 + 92 + 240 \\
 420 &:= 1^1 + 1^6 + 2^0 + 17^1 + 20^2 = 11 + 16 + 20 + 171 + 202 \\
 420 &:= 1^1 + 1^7 + 1^9 + 17^1 + 20^2 = 11 + 17 + 19 + 171 + 202 \\
 420 &:= 1^1 + 1^8 + 1^8 + 17^1 + 20^2 = 11 + 18 + 18 + 171 + 202 \\
 420 &:= 1^1 + 2^0 + 2^7 + 17^2 + 19^0 = 11 + 20 + 27 + 172 + 190 \\
 420 &:= 1^1 + 2^5 + 5^2 + 14^0 + 19^2 = 11 + 25 + 52 + 140 + 192 \\
 420 &:= 1^1 + 2^7 + 10^0 + 11^0 + 17^2 = 11 + 27 + 100 + 110 + 172 \\
 420 &:= 1^1 + 2^7 + 3^0 + 17^2 + 18^0 = 11 + 27 + 30 + 172 + 180 \\
 420 &:= 1^1 + 2^7 + 4^0 + 17^0 + 17^2 = 11 + 27 + 40 + 170 + 172 \\
 420 &:= 1^1 + 2^7 + 5^0 + 16^0 + 17^2 = 11 + 27 + 50 + 160 + 172 \\
 420 &:= 1^1 + 2^7 + 6^0 + 15^0 + 17^2 = 11 + 27 + 60 + 150 + 172 \\
 420 &:= 1^1 + 2^7 + 7^0 + 14^0 + 17^2 = 11 + 27 + 70 + 140 + 172 \\
 420 &:= 1^1 + 2^7 + 8^0 + 13^0 + 17^2 = 11 + 27 + 80 + 130 + 172 \\
 420 &:= 1^1 + 2^7 + 9^0 + 12^0 + 17^2 = 11 + 27 + 90 + 120 + 172
 \end{aligned}$$

$$\begin{aligned}
 420 &:= 1^1 + 3^4 + 6^3 + 11^2 + 20^0 = 11 + 34 + 63 + 112 + 200 \\
 420 &:= 1^2 + 1^5 + 2^0 + 17^1 + 20^2 = 12 + 15 + 20 + 171 + 202 \\
 420 &:= 1^2 + 1^6 + 1^9 + 17^1 + 20^2 = 12 + 16 + 19 + 171 + 202 \\
 420 &:= 1^2 + 1^7 + 1^8 + 17^1 + 20^2 = 12 + 17 + 18 + 171 + 202 \\
 420 &:= 1^2 + 1^9 + 2^7 + 17^2 + 19^0 = 12 + 19 + 27 + 172 + 190 \\
 420 &:= 1^2 + 3^4 + 9^2 + 12^0 + 16^2 = 12 + 34 + 92 + 120 + 162 \\
 420 &:= 1^2 + 3^5 + 6^1 + 13^2 + 18^0 = 12 + 35 + 61 + 132 + 180 \\
 420 &:= 1^2 + 4^4 + 9^2 + 9^2 + 18^0 = 12 + 44 + 92 + 92 + 180 \\
 420 &:= 1^3 + 1^4 + 2^0 + 17^1 + 20^2 = 13 + 14 + 20 + 171 + 202 \\
 420 &:= 1^3 + 1^5 + 1^9 + 17^1 + 20^2 = 13 + 15 + 19 + 171 + 202 \\
 420 &:= 1^3 + 1^6 + 1^8 + 17^1 + 20^2 = 13 + 16 + 18 + 171 + 202 \\
 420 &:= 1^3 + 1^7 + 1^7 + 17^1 + 20^2 = 13 + 17 + 17 + 171 + 202 \\
 420 &:= 1^3 + 1^8 + 2^7 + 17^2 + 19^0 = 13 + 18 + 27 + 172 + 190 \\
 420 &:= 1^3 + 2^1 + 2^4 + 16^0 + 20^2 = 13 + 21 + 24 + 160 + 202 \\
 420 &:= 1^3 + 2^2 + 5^3 + 16^0 + 17^2 = 13 + 22 + 53 + 160 + 172 \\
 420 &:= 1^3 + 2^3 + 10^0 + 11^2 + 17^2 = 13 + 23 + 100 + 112 + 172 \\
 420 &:= 1^3 + 2^3 + 7^2 + 12^0 + 19^2 = 13 + 23 + 72 + 120 + 192 \\
 420 &:= 1^3 + 2^7 + 2^8 + 10^1 + 25^1 = 13 + 27 + 28 + 101 + 251 \\
 420 &:= 1^3 + 2^7 + 2^8 + 11^1 + 24^1 = 13 + 27 + 28 + 111 + 241 \\
 420 &:= 1^3 + 2^7 + 2^8 + 12^1 + 23^1 = 13 + 27 + 28 + 121 + 231 \\
 420 &:= 1^3 + 2^7 + 2^8 + 13^1 + 22^1 = 13 + 27 + 28 + 131 + 221 \\
 420 &:= 1^3 + 2^7 + 2^8 + 14^1 + 21^1 = 13 + 27 + 28 + 141 + 211 \\
 420 &:= 1^3 + 2^7 + 2^8 + 15^1 + 20^1 = 13 + 27 + 28 + 151 + 201 \\
 420 &:= 1^3 + 2^7 + 2^8 + 16^1 + 19^1 = 13 + 27 + 28 + 161 + 191
 \end{aligned}$$

$$\begin{aligned} 420 &:= 1^3 + 2^7 + 2^8 + 17^1 + 18^1 = 13 + 27 + 28 + 171 + 181 \\ 420 &:= 1^3 + 2^7 + 2^8 + 8^1 + 27^1 = 13 + 27 + 28 + 81 + 271 \\ 420 &:= 1^3 + 2^7 + 2^8 + 9^1 + 26^1 = 13 + 27 + 28 + 91 + 261 \\ 420 &:= 1^3 + 3^4 + 6^0 + 13^1 + 18^2 = 13 + 34 + 60 + 131 + 182 \\ 420 &:= 1^3 + 4^3 + 7^3 + 11^1 + 18^0 = 13 + 43 + 73 + 111 + 180 \\ 420 &:= 1^3 + 4^4 + 6^0 + 12^2 + 18^1 = 13 + 44 + 60 + 122 + 181 \\ 420 &:= 1^3 + 6^3 + 9^2 + 11^2 + 14^0 = 13 + 63 + 92 + 112 + 140 \\ 420 &:= 1^4 + 1^4 + 1^9 + 17^1 + 20^2 = 14 + 14 + 19 + 171 + 202 \\ 420 &:= 1^4 + 1^5 + 1^8 + 17^1 + 20^2 = 14 + 15 + 18 + 171 + 202 \\ 420 &:= 1^4 + 1^6 + 1^7 + 17^1 + 20^2 = 14 + 16 + 17 + 171 + 202 \\ 420 &:= 1^4 + 1^7 + 2^7 + 17^2 + 19^0 = 14 + 17 + 27 + 172 + 190 \\ 420 &:= 1^4 + 2^3 + 8^0 + 10^1 + 20^2 = 14 + 23 + 80 + 101 + 202 \\ 420 &:= 1^4 + 3^2 + 3^2 + 14^0 + 20^2 = 14 + 32 + 32 + 140 + 202 \\ 420 &:= 1^4 + 4^1 + 5^3 + 14^0 + 17^2 = 14 + 41 + 53 + 140 + 172 \\ 420 &:= 1^4 + 6^0 + 7^2 + 12^2 + 15^2 = 14 + 60 + 72 + 122 + 152 \\ 420 &:= 1^4 + 6^0 + 9^2 + 9^2 + 16^2 = 14 + 60 + 92 + 92 + 162 \\ 420 &:= 1^4 + 6^1 + 6^3 + 14^0 + 14^2 = 14 + 61 + 63 + 140 + 142 \\ 420 &:= 1^4 + 7^3 + 8^2 + 11^1 + 14^0 = 14 + 73 + 82 + 111 + 140 \\ 420 &:= 1^5 + 1^5 + 1^7 + 17^1 + 20^2 = 15 + 15 + 17 + 171 + 202 \\ 420 &:= 1^5 + 1^6 + 1^6 + 17^1 + 20^2 = 15 + 16 + 16 + 171 + 202 \\ 420 &:= 1^5 + 1^6 + 2^7 + 17^2 + 19^0 = 15 + 16 + 27 + 172 + 190 \\ 420 &:= 1^5 + 2^1 + 4^2 + 14^0 + 20^2 = 15 + 21 + 42 + 140 + 202 \\ 420 &:= 1^5 + 2^2 + 4^0 + 14^1 + 20^2 = 15 + 22 + 40 + 141 + 202 \\ 420 &:= 1^5 + 3^2 + 8^0 + 9^1 + 20^2 = 15 + 32 + 80 + 91 + 202 \\ 420 &:= 1^5 + 4^0 + 8^1 + 11^2 + 17^2 = 15 + 40 + 81 + 112 + 172 \\ 420 &:= 1^5 + 6^0 + 7^2 + 8^1 + 19^2 = 15 + 60 + 72 + 81 + 192 \\ 420 &:= 1^6 + 2^0 + 2^1 + 16^1 + 20^2 = 16 + 20 + 21 + 161 + 202 \\ 420 &:= 1^6 + 2^0 + 3^1 + 15^1 + 20^2 = 16 + 20 + 31 + 151 + 202 \\ 420 &:= 1^6 + 2^0 + 4^1 + 14^1 + 20^2 = 16 + 20 + 41 + 141 + 202 \\ 420 &:= 1^6 + 2^0 + 5^1 + 13^1 + 20^2 = 16 + 20 + 51 + 131 + 202 \\ 420 &:= 1^6 + 2^0 + 6^1 + 12^1 + 20^2 = 16 + 20 + 61 + 121 + 202 \\ 420 &:= 1^6 + 2^0 + 7^1 + 11^1 + 20^2 = 16 + 20 + 71 + 111 + 202 \\ 420 &:= 1^6 + 2^0 + 8^1 + 10^1 + 20^2 = 16 + 20 + 81 + 101 + 202 \\ 420 &:= 1^6 + 2^0 + 9^1 + 9^1 + 20^2 = 16 + 20 + 91 + 91 + 202 \\ 420 &:= 1^6 + 2^4 + 2^7 + 16^2 + 19^1 = 16 + 24 + 27 + 162 + 191 \\ 420 &:= 1^6 + 2^8 + 3^4 + 9^2 + 25^0 = 16 + 28 + 34 + 92 + 250 \\ 420 &:= 1^7 + 1^9 + 2^1 + 16^1 + 20^2 = 17 + 19 + 21 + 161 + 202 \\ 420 &:= 1^7 + 1^9 + 3^1 + 15^1 + 20^2 = 17 + 19 + 31 + 151 + 202 \end{aligned}$$

$$\begin{aligned} 420 &:= 1^7 + 1^9 + 4^1 + 14^1 + 20^2 = 17 + 19 + 41 + 141 + 202 \\ 420 &:= 1^7 + 1^9 + 5^1 + 13^1 + 20^2 = 17 + 19 + 51 + 131 + 202 \\ 420 &:= 1^7 + 1^9 + 6^1 + 12^1 + 20^2 = 17 + 19 + 61 + 121 + 202 \\ 420 &:= 1^7 + 1^9 + 7^1 + 11^1 + 20^2 = 17 + 19 + 71 + 111 + 202 \\ 420 &:= 1^7 + 1^9 + 8^1 + 10^1 + 20^2 = 17 + 19 + 81 + 101 + 202 \\ 420 &:= 1^7 + 1^9 + 9^1 + 9^1 + 20^2 = 17 + 19 + 91 + 91 + 202 \\ 420 &:= 1^7 + 2^5 + 3^5 + 11^2 + 23^1 = 17 + 25 + 35 + 112 + 231 \\ 420 &:= 1^7 + 2^6 + 3^4 + 16^2 + 18^1 = 17 + 26 + 34 + 162 + 181 \\ 420 &:= 1^8 + 1^8 + 2^1 + 16^1 + 20^2 = 18 + 18 + 21 + 161 + 202 \\ 420 &:= 1^8 + 1^8 + 3^1 + 15^1 + 20^2 = 18 + 18 + 31 + 151 + 202 \\ 420 &:= 1^8 + 1^8 + 4^1 + 14^1 + 20^2 = 18 + 18 + 41 + 141 + 202 \\ 420 &:= 1^8 + 1^8 + 5^1 + 13^1 + 20^2 = 18 + 18 + 51 + 131 + 202 \\ 420 &:= 1^8 + 1^8 + 6^1 + 12^1 + 20^2 = 18 + 18 + 61 + 121 + 202 \\ 420 &:= 1^8 + 1^8 + 7^1 + 11^1 + 20^2 = 18 + 18 + 71 + 111 + 202 \\ 420 &:= 1^8 + 1^8 + 8^1 + 10^1 + 20^2 = 18 + 18 + 81 + 101 + 202 \\ 420 &:= 1^8 + 1^8 + 9^1 + 9^1 + 20^2 = 18 + 18 + 91 + 91 + 202 \\ 420 &:= 1^8 + 2^5 + 3^4 + 17^1 + 17^2 = 18 + 25 + 34 + 171 + 172 \\ 420 &:= 1^8 + 2^7 + 9^2 + 14^1 + 14^2 = 18 + 27 + 92 + 141 + 142 \\ 420 &:= 1^8 + 2^8 + 9^2 + 9^2 + 19^0 = 18 + 28 + 92 + 92 + 190 \\ 420 &:= 1^9 + 2^6 + 4^2 + 15^1 + 18^2 = 19 + 26 + 42 + 151 + 182 \\ 420 &:= 1^9 + 2^7 + 11^2 + 13^0 + 13^2 = 19 + 27 + 112 + 130 + 132 \\ 420 &:= 1^9 + 2^8 + 7^0 + 12^2 + 18^1 = 19 + 28 + 70 + 122 + 181 \\ 420 &:= 1^9 + 3^5 + 5^2 + 5^3 + 26^1 = 19 + 35 + 52 + 53 + 261 \\ 420 &:= 2^0 + 2^4 + 3^3 + 15^1 + 19^2 = 20 + 24 + 33 + 151 + 192 \\ 420 &:= 2^0 + 2^4 + 4^3 + 15^1 + 18^2 = 20 + 24 + 43 + 151 + 182 \\ 420 &:= 2^0 + 2^4 + 6^2 + 7^3 + 24^1 = 20 + 24 + 62 + 73 + 241 \\ 420 &:= 2^0 + 2^4 + 6^3 + 13^2 + 18^1 = 20 + 24 + 63 + 132 + 181 \\ 420 &:= 2^0 + 2^5 + 10^1 + 11^2 + 16^2 = 20 + 25 + 101 + 112 + 162 \\ 420 &:= 2^0 + 2^6 + 7^3 + 11^1 + 19^0 = 20 + 26 + 73 + 111 + 190 \\ 420 &:= 2^0 + 3^4 + 3^4 + 16^2 + 17^0 = 20 + 34 + 34 + 162 + 170 \\ 420 &:= 2^0 + 3^4 + 4^4 + 9^2 + 23^0 = 20 + 34 + 44 + 92 + 230 \\ 420 &:= 2^0 + 3^4 + 5^3 + 14^2 + 17^1 = 20 + 34 + 53 + 142 + 171 \\ 420 &:= 2^0 + 3^5 + 6^2 + 11^2 + 19^1 = 20 + 35 + 62 + 112 + 191 \\ 420 &:= 2^1 + 4^4 + 5^3 + 6^2 + 24^0 = 21 + 44 + 53 + 62 + 240 \\ 420 &:= 2^2 + 2^3 + 7^3 + 8^2 + 22^0 = 22 + 23 + 73 + 82 + 220 \\ 420 &:= 2^2 + 3^1 + 3^5 + 13^2 + 20^0 = 22 + 31 + 35 + 132 + 200 \\ 420 &:= 2^2 + 3^3 + 3^3 + 14^0 + 19^2 = 22 + 33 + 33 + 140 + 192 \\ 420 &:= 2^2 + 3^3 + 4^3 + 14^0 + 18^2 = 22 + 33 + 43 + 140 + 182 \end{aligned}$$

$$\begin{aligned}
 420 &:= 2^3 + 3^4 + 6^1 + 12^0 + 18^2 = 23 + 34 + 61 + 120 + 182 \\
 420 &:= 2^3 + 4^1 + 4^3 + 7^3 + 24^0 = 23 + 41 + 43 + 73 + 240 \\
 420 &:= 2^3 + 4^4 + 11^1 + 12^0 + 12^2 = 23 + 44 + 111 + 120 + 122 \\
 420 &:= 2^4 + 2^7 + 2^8 + 15^0 + 19^1 = 24 + 27 + 28 + 150 + 191 \\
 420 &:= 2^4 + 3^2 + 8^0 + 13^2 + 15^2 = 24 + 32 + 80 + 132 + 152 \\
 420 &:= 2^4 + 7^2 + 7^3 + 11^1 + 14^0 = 24 + 72 + 73 + 111 + 140 \\
 420 &:= 2^5 + 4^2 + 6^0 + 10^1 + 19^2 = 25 + 42 + 60 + 101 + 192 \\
 420 &:= 2^6 + 3^0 + 7^3 + 11^1 + 18^0 = 26 + 30 + 73 + 111 + 180 \\
 420 &:= 2^6 + 4^0 + 7^3 + 11^1 + 17^0 = 26 + 40 + 73 + 111 + 170 \\
 420 &:= 2^6 + 5^0 + 7^3 + 11^1 + 16^0 = 26 + 50 + 73 + 111 + 160 \\
 420 &:= 2^6 + 6^0 + 7^3 + 11^1 + 15^0 = 26 + 60 + 73 + 111 + 150 \\
 420 &:= 2^6 + 7^0 + 7^3 + 11^1 + 14^0 = 26 + 70 + 73 + 111 + 140 \\
 420 &:= 2^6 + 7^3 + 10^0 + 11^0 + 11^1 = 26 + 73 + 100 + 110 + 111 \\
 420 &:= 2^6 + 7^3 + 8^0 + 11^1 + 13^0 = 26 + 73 + 80 + 111 + 130 \\
 420 &:= 2^6 + 7^3 + 9^0 + 11^1 + 12^0 = 26 + 73 + 90 + 111 + 120 \\
 420 &:= 3^0 + 3^4 + 3^4 + 16^0 + 16^2 = 30 + 34 + 34 + 160 + 162 \\
 420 &:= 3^0 + 3^4 + 4^4 + 9^2 + 22^0 = 30 + 34 + 44 + 92 + 220 \\
 420 &:= 3^3 + 3^3 + 6^0 + 7^3 + 22^1 = 33 + 33 + 60 + 73 + 221 \\
 420 &:= 3^3 + 3^3 + 8^0 + 13^2 + 14^2 = 33 + 33 + 80 + 132 + 142 \\
 420 &:= 3^3 + 4^4 + 8^0 + 11^2 + 15^1 = 33 + 44 + 80 + 112 + 151 \\
 420 &:= 3^4 + 3^4 + 4^0 + 15^0 + 16^2 = 34 + 34 + 40 + 150 + 162 \\
 420 &:= 3^4 + 3^4 + 5^0 + 14^0 + 16^2 = 34 + 34 + 50 + 140 + 162 \\
 420 &:= 3^4 + 3^4 + 6^0 + 13^0 + 16^2 = 34 + 34 + 60 + 130 + 162 \\
 420 &:= 3^4 + 3^4 + 7^0 + 12^0 + 16^2 = 34 + 34 + 70 + 120 + 162
 \end{aligned}$$

$$\begin{aligned}
 420 &:= 3^4 + 3^4 + 8^0 + 11^0 + 16^2 = 34 + 34 + 80 + 110 + 162 \\
 420 &:= 3^4 + 3^4 + 9^0 + 10^0 + 16^2 = 34 + 34 + 90 + 100 + 162 \\
 420 &:= 3^4 + 4^0 + 4^4 + 9^2 + 21^0 = 34 + 40 + 44 + 92 + 210 \\
 420 &:= 3^4 + 4^4 + 5^0 + 9^2 + 20^0 = 34 + 44 + 50 + 92 + 200 \\
 420 &:= 3^4 + 4^4 + 6^0 + 9^2 + 19^0 = 34 + 44 + 60 + 92 + 190 \\
 420 &:= 3^4 + 4^4 + 7^0 + 9^2 + 18^0 = 34 + 44 + 70 + 92 + 180 \\
 420 &:= 3^4 + 4^4 + 8^0 + 9^2 + 17^0 = 34 + 44 + 80 + 92 + 170 \\
 420 &:= 3^4 + 4^4 + 9^0 + 9^2 + 16^0 = 34 + 44 + 90 + 92 + 160 \\
 420 &:= 3^4 + 4^4 + 9^2 + 10^0 + 15^0 = 34 + 44 + 92 + 100 + 150 \\
 420 &:= 3^4 + 4^4 + 9^2 + 11^0 + 14^0 = 34 + 44 + 92 + 110 + 140 \\
 420 &:= 3^4 + 4^4 + 9^2 + 12^0 + 13^0 = 34 + 44 + 92 + 120 + 130 \\
 420 &:= 3^4 + 5^2 + 8^0 + 12^2 + 13^2 = 34 + 52 + 80 + 122 + 132 \\
 420 &:= 3^4 + 7^2 + 8^0 + 8^2 + 15^2 = 34 + 72 + 80 + 82 + 152 \\
 420 &:= 3^5 + 4^2 + 6^0 + 12^2 + 16^1 = 35 + 42 + 60 + 122 + 161 \\
 420 &:= 3^5 + 5^2 + 7^1 + 12^2 + 14^0 = 35 + 52 + 71 + 122 + 140 \\
 420 &:= 3^5 + 6^0 + 9^2 + 9^2 + 14^1 = 35 + 60 + 92 + 92 + 141 \\
 420 &:= 3^5 + 6^1 + 7^2 + 11^2 + 14^0 = 35 + 61 + 72 + 112 + 140 \\
 420 &:= 3^5 + 8^0 + 8^2 + 10^2 + 12^1 = 35 + 80 + 82 + 102 + 121 \\
 420 &:= 4^2 + 4^4 + 5^3 + 6^0 + 22^1 = 42 + 44 + 53 + 60 + 221 \\
 420 &:= 4^3 + 4^4 + 6^0 + 9^2 + 18^1 = 43 + 44 + 60 + 92 + 181 \\
 420 &:= 4^3 + 5^3 + 6^3 + 12^0 + 14^1 = 43 + 53 + 63 + 120 + 141 \\
 420 &:= 4^4 + 5^2 + 5^3 + 13^1 + 14^0 = 44 + 52 + 53 + 131 + 140 \\
 420 &:= 5^2 + 5^3 + 5^3 + 12^2 + 14^0 = 52 + 53 + 53 + 122 + 140
 \end{aligned}$$

2.2.322 Number 421

$$\begin{aligned}
 421 &:= 1^8 + 20^1 + 20^2 = 18 + 201 + 202 \\
 421 &:= 1^0 + 1^8 + 19^1 + 20^2 = 10 + 18 + 191 + 202 \\
 421 &:= 1^1 + 1^7 + 19^1 + 20^2 = 11 + 17 + 191 + 202 \\
 421 &:= 1^2 + 1^6 + 19^1 + 20^2 = 12 + 16 + 191 + 202 \\
 421 &:= 1^3 + 1^5 + 19^1 + 20^2 = 13 + 15 + 191 + 202 \\
 421 &:= 1^4 + 1^4 + 19^1 + 20^2 = 14 + 14 + 191 + 202 \\
 421 &:= 1^7 + 10^1 + 10^1 + 20^2 = 17 + 101 + 101 + 202 \\
 421 &:= 1^7 + 2^1 + 18^1 + 20^2 = 17 + 21 + 181 + 202 \\
 421 &:= 1^7 + 3^1 + 17^1 + 20^2 = 17 + 31 + 171 + 202 \\
 421 &:= 1^7 + 4^1 + 16^1 + 20^2 = 17 + 41 + 161 + 202 \\
 421 &:= 1^7 + 5^1 + 15^1 + 20^2 = 17 + 51 + 151 + 202
 \end{aligned}$$

$$\begin{aligned}
 421 &:= 1^7 + 6^1 + 14^1 + 20^2 = 17 + 61 + 141 + 202 \\
 421 &:= 1^7 + 7^1 + 13^1 + 20^2 = 17 + 71 + 131 + 202 \\
 421 &:= 1^7 + 8^1 + 12^1 + 20^2 = 17 + 81 + 121 + 202 \\
 421 &:= 1^7 + 9^1 + 11^1 + 20^2 = 17 + 91 + 111 + 202 \\
 421 &:= 2^6 + 4^2 + 17^1 + 18^2 = 26 + 42 + 171 + 182 \\
 421 &:= 2^7 + 6^2 + 16^2 + 17^0 = 27 + 62 + 162 + 170 \\
 421 &:= 2^8 + 7^0 + 12^2 + 20^1 = 28 + 70 + 122 + 201 \\
 421 &:= 3^5 + 5^2 + 5^3 + 28^1 = 35 + 52 + 53 + 281 \\
 421 &:= 1^0 + 1^0 + 1^8 + 18^1 + 20^2 = 10 + 10 + 18 + 181 + 202 \\
 421 &:= 1^0 + 1^1 + 1^7 + 18^1 + 20^2 = 10 + 11 + 17 + 181 + 202 \\
 421 &:= 1^0 + 1^2 + 1^6 + 18^1 + 20^2 = 10 + 12 + 16 + 181 + 202
 \end{aligned}$$

$$\begin{aligned} 421 &:= 1^0 + 1^3 + 1^5 + 18^1 + 20^2 = 10 + 13 + 15 + 181 + 202 \\ 421 &:= 1^0 + 1^4 + 1^4 + 18^1 + 20^2 = 10 + 14 + 14 + 181 + 202 \\ 421 &:= 1^0 + 1^7 + 2^1 + 17^1 + 20^2 = 10 + 17 + 21 + 171 + 202 \\ 421 &:= 1^0 + 1^7 + 3^1 + 16^1 + 20^2 = 10 + 17 + 31 + 161 + 202 \\ 421 &:= 1^0 + 1^7 + 4^1 + 15^1 + 20^2 = 10 + 17 + 41 + 151 + 202 \\ 421 &:= 1^0 + 1^7 + 5^1 + 14^1 + 20^2 = 10 + 17 + 51 + 141 + 202 \\ 421 &:= 1^0 + 1^7 + 6^1 + 13^1 + 20^2 = 10 + 17 + 61 + 131 + 202 \\ 421 &:= 1^0 + 1^7 + 7^1 + 12^1 + 20^2 = 10 + 17 + 71 + 121 + 202 \\ 421 &:= 1^0 + 1^7 + 8^1 + 11^1 + 20^2 = 10 + 17 + 81 + 111 + 202 \\ 421 &:= 1^0 + 1^7 + 9^1 + 10^1 + 20^2 = 10 + 17 + 91 + 101 + 202 \\ 421 &:= 1^0 + 2^6 + 4^2 + 16^1 + 18^2 = 10 + 26 + 42 + 161 + 182 \\ 421 &:= 1^0 + 2^8 + 7^0 + 12^2 + 19^1 = 10 + 28 + 70 + 122 + 191 \\ 421 &:= 1^0 + 3^5 + 5^2 + 5^3 + 27^1 = 10 + 35 + 52 + 53 + 271 \\ 421 &:= 1^1 + 1^1 + 1^6 + 18^1 + 20^2 = 11 + 11 + 16 + 181 + 202 \\ 421 &:= 1^1 + 1^2 + 1^5 + 18^1 + 20^2 = 11 + 12 + 15 + 181 + 202 \\ 421 &:= 1^1 + 1^3 + 1^4 + 18^1 + 20^2 = 11 + 13 + 14 + 181 + 202 \\ 421 &:= 1^1 + 1^6 + 2^1 + 17^1 + 20^2 = 11 + 16 + 21 + 171 + 202 \\ 421 &:= 1^1 + 1^6 + 3^1 + 16^1 + 20^2 = 11 + 16 + 31 + 161 + 202 \\ 421 &:= 1^1 + 1^6 + 4^1 + 15^1 + 20^2 = 11 + 16 + 41 + 151 + 202 \\ 421 &:= 1^1 + 1^6 + 5^1 + 14^1 + 20^2 = 11 + 16 + 51 + 141 + 202 \\ 421 &:= 1^1 + 1^6 + 6^1 + 13^1 + 20^2 = 11 + 16 + 61 + 131 + 202 \\ 421 &:= 1^1 + 1^6 + 7^1 + 12^1 + 20^2 = 11 + 16 + 71 + 121 + 202 \\ 421 &:= 1^1 + 1^6 + 8^1 + 11^1 + 20^2 = 11 + 16 + 81 + 111 + 202 \\ 421 &:= 1^1 + 1^6 + 9^1 + 10^1 + 20^2 = 11 + 16 + 91 + 101 + 202 \\ 421 &:= 1^1 + 2^1 + 2^7 + 17^2 + 19^0 = 11 + 21 + 27 + 172 + 190 \\ 421 &:= 1^1 + 2^4 + 3^3 + 16^1 + 19^2 = 11 + 24 + 33 + 161 + 192 \\ 421 &:= 1^1 + 2^4 + 4^3 + 16^1 + 18^2 = 11 + 24 + 43 + 161 + 182 \\ 421 &:= 1^1 + 2^4 + 6^2 + 7^3 + 25^1 = 11 + 24 + 62 + 73 + 251 \\ 421 &:= 1^1 + 2^4 + 6^3 + 13^2 + 19^1 = 11 + 24 + 63 + 132 + 191 \\ 421 &:= 1^1 + 2^5 + 11^1 + 11^2 + 16^2 = 11 + 25 + 111 + 112 + 162 \\ 421 &:= 1^1 + 2^6 + 7^3 + 12^1 + 19^0 = 11 + 26 + 73 + 121 + 190 \\ 421 &:= 1^1 + 3^4 + 5^3 + 14^2 + 18^1 = 11 + 34 + 53 + 142 + 181 \\ 421 &:= 1^1 + 3^5 + 6^2 + 11^2 + 20^1 = 11 + 35 + 62 + 112 + 201 \\ 421 &:= 1^2 + 1^2 + 1^4 + 18^1 + 20^2 = 12 + 12 + 14 + 181 + 202 \\ 421 &:= 1^2 + 1^3 + 1^3 + 18^1 + 20^2 = 12 + 13 + 13 + 181 + 202 \\ 421 &:= 1^2 + 1^5 + 2^1 + 17^1 + 20^2 = 12 + 15 + 21 + 171 + 202 \\ 421 &:= 1^2 + 1^5 + 3^1 + 16^1 + 20^2 = 12 + 15 + 31 + 161 + 202 \\ 421 &:= 1^2 + 1^5 + 4^1 + 15^1 + 20^2 = 12 + 15 + 41 + 151 + 202 \end{aligned}$$

$$\begin{aligned} 421 &:= 1^2 + 1^5 + 5^1 + 14^1 + 20^2 = 12 + 15 + 51 + 141 + 202 \\ 421 &:= 1^2 + 1^5 + 6^1 + 13^1 + 20^2 = 12 + 15 + 61 + 131 + 202 \\ 421 &:= 1^2 + 1^5 + 7^1 + 12^1 + 20^2 = 12 + 15 + 71 + 121 + 202 \\ 421 &:= 1^2 + 1^5 + 8^1 + 11^1 + 20^2 = 12 + 15 + 81 + 111 + 202 \\ 421 &:= 1^2 + 1^5 + 9^1 + 10^1 + 20^2 = 12 + 15 + 91 + 101 + 202 \\ 421 &:= 1^2 + 2^4 + 10^1 + 13^2 + 15^2 = 12 + 24 + 101 + 132 + 152 \\ 421 &:= 1^2 + 3^3 + 5^2 + 7^3 + 25^1 = 12 + 33 + 52 + 73 + 251 \\ 421 &:= 1^2 + 3^4 + 6^2 + 14^1 + 17^2 = 12 + 34 + 62 + 141 + 172 \\ 421 &:= 1^2 + 4^3 + 6^3 + 11^2 + 19^1 = 12 + 43 + 63 + 112 + 191 \\ 421 &:= 1^2 + 4^4 + 8^2 + 9^2 + 19^1 = 12 + 44 + 82 + 92 + 191 \\ 421 &:= 1^3 + 1^4 + 2^1 + 17^1 + 20^2 = 13 + 14 + 21 + 171 + 202 \\ 421 &:= 1^3 + 1^4 + 3^1 + 16^1 + 20^2 = 13 + 14 + 31 + 161 + 202 \\ 421 &:= 1^3 + 1^4 + 4^1 + 15^1 + 20^2 = 13 + 14 + 41 + 151 + 202 \\ 421 &:= 1^3 + 1^4 + 5^1 + 14^1 + 20^2 = 13 + 14 + 51 + 141 + 202 \\ 421 &:= 1^3 + 1^4 + 6^1 + 13^1 + 20^2 = 13 + 14 + 61 + 131 + 202 \\ 421 &:= 1^3 + 1^4 + 7^1 + 12^1 + 20^2 = 13 + 14 + 71 + 121 + 202 \\ 421 &:= 1^3 + 1^4 + 8^1 + 11^1 + 20^2 = 13 + 14 + 81 + 111 + 202 \\ 421 &:= 1^3 + 1^4 + 9^1 + 10^1 + 20^2 = 13 + 14 + 91 + 101 + 202 \\ 421 &:= 1^3 + 2^2 + 7^2 + 7^3 + 24^1 = 13 + 22 + 72 + 73 + 241 \\ 421 &:= 1^3 + 3^3 + 7^2 + 7^3 + 23^0 = 13 + 33 + 72 + 73 + 230 \\ 421 &:= 1^3 + 3^4 + 11^0 + 13^2 + 13^2 = 13 + 34 + 110 + 132 + 132 \\ 421 &:= 1^3 + 3^4 + 7^2 + 13^0 + 17^2 = 13 + 34 + 72 + 130 + 172 \\ 421 &:= 1^3 + 3^5 + 7^1 + 13^2 + 17^0 = 13 + 35 + 71 + 132 + 170 \\ 421 &:= 1^3 + 4^3 + 10^1 + 11^2 + 15^2 = 13 + 43 + 101 + 112 + 152 \\ 421 &:= 1^3 + 5^2 + 5^3 + 14^1 + 16^2 = 13 + 52 + 53 + 141 + 162 \\ 421 &:= 1^3 + 5^3 + 5^3 + 13^2 + 17^0 = 13 + 53 + 53 + 132 + 170 \\ 421 &:= 1^3 + 7^2 + 9^2 + 11^2 + 13^2 = 13 + 72 + 92 + 112 + 132 \\ 421 &:= 1^4 + 2^2 + 9^2 + 11^1 + 18^2 = 14 + 22 + 92 + 111 + 182 \\ 421 &:= 1^4 + 2^4 + 3^1 + 15^0 + 20^2 = 14 + 24 + 31 + 150 + 202 \\ 421 &:= 1^4 + 3^3 + 9^0 + 14^2 + 14^2 = 14 + 33 + 90 + 142 + 142 \\ 421 &:= 1^4 + 3^4 + 5^0 + 14^1 + 18^2 = 14 + 34 + 50 + 141 + 182 \\ 421 &:= 1^4 + 4^3 + 7^3 + 12^1 + 17^0 = 14 + 43 + 73 + 121 + 170 \\ 421 &:= 1^4 + 4^4 + 5^0 + 12^2 + 19^1 = 14 + 44 + 50 + 122 + 191 \\ 421 &:= 1^4 + 6^1 + 7^2 + 13^2 + 14^2 = 14 + 61 + 72 + 132 + 142 \\ 421 &:= 1^4 + 6^2 + 7^1 + 11^2 + 16^2 = 14 + 62 + 71 + 112 + 162 \\ 421 &:= 1^5 + 2^3 + 7^0 + 11^1 + 20^2 = 15 + 23 + 70 + 111 + 202 \\ 421 &:= 1^5 + 3^2 + 7^2 + 11^0 + 19^2 = 15 + 32 + 72 + 110 + 192 \\ 421 &:= 1^5 + 3^2 + 9^0 + 11^2 + 17^2 = 15 + 32 + 90 + 112 + 172 \end{aligned}$$

$$\begin{aligned} 421 &:= 1^5 + 5^0 + 9^2 + 13^2 + 13^2 = 15 + 50 + 92 + 132 + 132 \\ 421 &:= 1^5 + 5^1 + 5^3 + 13^0 + 17^2 = 15 + 51 + 53 + 130 + 172 \\ 421 &:= 1^5 + 5^2 + 7^0 + 13^2 + 15^2 = 15 + 52 + 70 + 132 + 152 \\ 421 &:= 1^5 + 6^3 + 7^1 + 13^0 + 14^2 = 15 + 63 + 71 + 130 + 142 \\ 421 &:= 1^5 + 7^0 + 7^2 + 9^2 + 17^2 = 15 + 70 + 72 + 92 + 172 \\ 421 &:= 1^5 + 7^3 + 8^2 + 12^1 + 13^0 = 15 + 73 + 82 + 121 + 130 \\ 421 &:= 1^6 + 2^1 + 2^1 + 16^1 + 20^2 = 16 + 21 + 21 + 161 + 202 \\ 421 &:= 1^6 + 2^1 + 3^1 + 15^1 + 20^2 = 16 + 21 + 31 + 151 + 202 \\ 421 &:= 1^6 + 2^1 + 4^1 + 14^1 + 20^2 = 16 + 21 + 41 + 141 + 202 \\ 421 &:= 1^6 + 2^1 + 5^1 + 13^1 + 20^2 = 16 + 21 + 51 + 131 + 202 \\ 421 &:= 1^6 + 2^1 + 6^1 + 12^1 + 20^2 = 16 + 21 + 61 + 121 + 202 \\ 421 &:= 1^6 + 2^1 + 7^1 + 11^1 + 20^2 = 16 + 21 + 71 + 111 + 202 \\ 421 &:= 1^6 + 2^1 + 8^1 + 10^1 + 20^2 = 16 + 21 + 81 + 101 + 202 \\ 421 &:= 1^6 + 2^1 + 9^1 + 9^1 + 20^2 = 16 + 21 + 91 + 91 + 202 \\ 421 &:= 1^6 + 2^2 + 3^0 + 15^1 + 20^2 = 16 + 22 + 30 + 151 + 202 \\ 421 &:= 1^6 + 3^0 + 9^1 + 11^2 + 17^2 = 16 + 30 + 91 + 112 + 172 \\ 421 &:= 1^6 + 3^1 + 3^1 + 14^1 + 20^2 = 16 + 31 + 31 + 141 + 202 \\ 421 &:= 1^6 + 3^1 + 4^1 + 13^1 + 20^2 = 16 + 31 + 41 + 131 + 202 \\ 421 &:= 1^6 + 3^1 + 4^2 + 13^0 + 20^2 = 16 + 31 + 42 + 130 + 202 \\ 421 &:= 1^6 + 3^1 + 5^1 + 12^1 + 20^2 = 16 + 31 + 51 + 121 + 202 \\ 421 &:= 1^6 + 3^1 + 6^1 + 11^1 + 20^2 = 16 + 31 + 61 + 111 + 202 \\ 421 &:= 1^6 + 3^1 + 7^1 + 10^1 + 20^2 = 16 + 31 + 71 + 101 + 202 \\ 421 &:= 1^6 + 3^1 + 8^1 + 9^1 + 20^2 = 16 + 31 + 81 + 91 + 202 \\ 421 &:= 1^6 + 3^2 + 7^0 + 10^1 + 20^2 = 16 + 32 + 70 + 101 + 202 \\ 421 &:= 1^6 + 4^1 + 4^1 + 12^1 + 20^2 = 16 + 41 + 41 + 121 + 202 \\ 421 &:= 1^6 + 4^1 + 5^1 + 11^1 + 20^2 = 16 + 41 + 51 + 111 + 202 \\ 421 &:= 1^6 + 4^1 + 6^1 + 10^1 + 20^2 = 16 + 41 + 61 + 101 + 202 \\ 421 &:= 1^6 + 4^1 + 7^1 + 9^1 + 20^2 = 16 + 41 + 71 + 91 + 202 \\ 421 &:= 1^6 + 4^1 + 8^1 + 8^1 + 20^2 = 16 + 41 + 81 + 81 + 202 \\ 421 &:= 1^6 + 5^0 + 7^2 + 9^1 + 19^2 = 16 + 50 + 72 + 91 + 192 \\ 421 &:= 1^6 + 5^1 + 5^1 + 10^1 + 20^2 = 16 + 51 + 51 + 101 + 202 \\ 421 &:= 1^6 + 5^1 + 6^1 + 9^1 + 20^2 = 16 + 51 + 61 + 91 + 202 \\ 421 &:= 1^6 + 5^1 + 7^1 + 8^1 + 20^2 = 16 + 51 + 71 + 81 + 202 \\ 421 &:= 1^6 + 6^1 + 6^1 + 8^1 + 20^2 = 16 + 61 + 61 + 81 + 202 \\ 421 &:= 1^6 + 6^1 + 7^1 + 7^1 + 20^2 = 16 + 61 + 71 + 71 + 202 \\ 421 &:= 1^9 + 2^5 + 3^5 + 12^2 + 22^0 = 19 + 25 + 35 + 122 + 220 \\ 421 &:= 2^0 + 2^8 + 6^0 + 12^2 + 19^1 = 20 + 28 + 60 + 122 + 191 \\ 421 &:= 2^1 + 2^4 + 3^3 + 15^1 + 19^2 = 21 + 24 + 33 + 151 + 192 \end{aligned}$$

$$\begin{aligned} 421 &:= 2^1 + 2^4 + 4^3 + 15^1 + 18^2 = 21 + 24 + 43 + 151 + 182 \\ 421 &:= 2^1 + 2^4 + 6^2 + 7^3 + 24^1 = 21 + 24 + 62 + 73 + 241 \\ 421 &:= 2^1 + 2^4 + 6^3 + 13^2 + 18^1 = 21 + 24 + 63 + 132 + 181 \\ 421 &:= 2^1 + 2^5 + 10^1 + 11^2 + 16^2 = 21 + 25 + 101 + 112 + 162 \\ 421 &:= 2^1 + 2^6 + 7^3 + 11^1 + 19^0 = 21 + 26 + 73 + 111 + 190 \\ 421 &:= 2^1 + 3^4 + 3^4 + 16^2 + 17^0 = 21 + 34 + 34 + 162 + 170 \\ 421 &:= 2^1 + 3^4 + 4^4 + 9^2 + 23^0 = 21 + 34 + 44 + 92 + 230 \\ 421 &:= 2^1 + 3^4 + 5^3 + 14^2 + 17^1 = 21 + 34 + 53 + 142 + 171 \\ 421 &:= 2^1 + 3^5 + 6^2 + 11^2 + 19^1 = 21 + 35 + 62 + 112 + 191 \\ 421 &:= 2^2 + 2^2 + 3^5 + 13^2 + 21^0 = 22 + 22 + 35 + 132 + 210 \\ 421 &:= 2^2 + 2^4 + 9^1 + 14^2 + 14^2 = 22 + 24 + 91 + 142 + 142 \\ 421 &:= 2^2 + 3^4 + 10^2 + 11^1 + 15^2 = 22 + 34 + 102 + 111 + 152 \\ 421 &:= 2^3 + 3^3 + 6^3 + 13^2 + 17^0 = 23 + 33 + 63 + 132 + 170 \\ 421 &:= 2^3 + 3^3 + 9^1 + 11^2 + 16^2 = 23 + 33 + 91 + 112 + 162 \\ 421 &:= 2^3 + 4^3 + 7^2 + 11^1 + 17^2 = 23 + 43 + 72 + 111 + 172 \\ 421 &:= 2^3 + 4^3 + 9^1 + 12^2 + 14^2 = 23 + 43 + 91 + 122 + 142 \\ 421 &:= 2^3 + 5^2 + 10^2 + 12^2 + 12^2 = 23 + 52 + 102 + 122 + 122 \\ 421 &:= 2^3 + 5^3 + 9^2 + 11^1 + 14^2 = 23 + 53 + 92 + 111 + 142 \\ 421 &:= 2^3 + 6^2 + 8^2 + 12^2 + 13^2 = 23 + 62 + 82 + 122 + 132 \\ 421 &:= 2^3 + 6^2 + 9^2 + 10^2 + 14^2 = 23 + 62 + 92 + 102 + 142 \\ 421 &:= 2^4 + 3^1 + 3^3 + 14^1 + 19^2 = 24 + 31 + 33 + 141 + 192 \\ 421 &:= 2^4 + 3^1 + 4^3 + 14^1 + 18^2 = 24 + 31 + 43 + 141 + 182 \\ 421 &:= 2^4 + 3^1 + 6^2 + 7^3 + 23^1 = 24 + 31 + 62 + 73 + 231 \\ 421 &:= 2^4 + 3^1 + 6^3 + 13^2 + 17^1 = 24 + 31 + 63 + 132 + 171 \\ 421 &:= 2^4 + 3^3 + 4^1 + 13^1 + 19^2 = 24 + 33 + 41 + 131 + 192 \\ 421 &:= 2^4 + 3^3 + 4^2 + 13^0 + 19^2 = 24 + 33 + 42 + 130 + 192 \\ 421 &:= 2^4 + 3^3 + 5^1 + 12^1 + 19^2 = 24 + 33 + 51 + 121 + 192 \\ 421 &:= 2^4 + 3^3 + 6^1 + 11^1 + 19^2 = 24 + 33 + 61 + 111 + 192 \\ 421 &:= 2^4 + 3^3 + 7^1 + 10^1 + 19^2 = 24 + 33 + 71 + 101 + 192 \\ 421 &:= 2^4 + 3^3 + 8^1 + 9^1 + 19^2 = 24 + 33 + 81 + 91 + 192 \\ 421 &:= 2^4 + 3^3 + 9^0 + 11^2 + 16^2 = 24 + 33 + 90 + 112 + 162 \\ 421 &:= 2^4 + 4^1 + 4^3 + 13^1 + 18^2 = 24 + 41 + 43 + 131 + 182 \\ 421 &:= 2^4 + 4^1 + 4^4 + 12^2 + 19^0 = 24 + 41 + 44 + 122 + 190 \\ 421 &:= 2^4 + 4^1 + 6^2 + 7^3 + 22^1 = 24 + 41 + 62 + 73 + 221 \\ 421 &:= 2^4 + 4^1 + 6^3 + 13^2 + 16^1 = 24 + 41 + 63 + 132 + 161 \\ 421 &:= 2^4 + 4^2 + 4^2 + 12^1 + 19^2 = 24 + 42 + 42 + 121 + 192 \\ 421 &:= 2^4 + 4^2 + 4^3 + 13^0 + 18^2 = 24 + 42 + 43 + 130 + 182 \\ 421 &:= 2^4 + 4^3 + 5^1 + 12^1 + 18^2 = 24 + 43 + 51 + 121 + 182 \end{aligned}$$

$$\begin{aligned} 421 &:= 2^4 + 4^3 + 6^1 + 11^1 + 18^2 = 24 + 43 + 61 + 111 + 182 & 421 &:= 2^8 + 4^0 + 4^0 + 12^2 + 19^1 = 28 + 40 + 40 + 122 + 191 \\ 421 &:= 2^4 + 4^3 + 7^1 + 10^1 + 18^2 = 24 + 43 + 71 + 101 + 182 & 421 &:= 3^1 + 3^4 + 5^3 + 14^2 + 16^1 = 31 + 34 + 53 + 142 + 161 \\ 421 &:= 2^4 + 4^3 + 8^1 + 9^1 + 18^2 = 24 + 43 + 81 + 91 + 182 & 421 &:= 3^1 + 3^5 + 5^3 + 7^2 + 23^0 = 31 + 35 + 53 + 72 + 230 \\ 421 &:= 2^4 + 4^3 + 9^0 + 12^2 + 14^2 = 24 + 43 + 90 + 122 + 142 & 421 &:= 3^1 + 3^5 + 6^2 + 11^2 + 18^1 = 31 + 35 + 62 + 112 + 181 \\ 421 &:= 2^4 + 5^1 + 6^2 + 7^3 + 21^1 = 24 + 51 + 62 + 73 + 211 & 421 &:= 3^2 + 3^4 + 8^2 + 11^1 + 16^2 = 32 + 34 + 82 + 111 + 162 \\ 421 &:= 2^4 + 5^1 + 6^3 + 13^2 + 15^1 = 24 + 51 + 63 + 132 + 151 & 421 &:= 3^2 + 4^2 + 4^4 + 11^2 + 19^1 = 32 + 42 + 44 + 112 + 191 \\ 421 &:= 2^4 + 5^2 + 6^2 + 7^3 + 21^0 = 24 + 52 + 62 + 73 + 210 & 421 &:= 3^3 + 3^5 + 6^1 + 12^2 + 17^0 = 33 + 35 + 61 + 122 + 170 \\ 421 &:= 2^4 + 6^1 + 6^2 + 7^3 + 20^1 = 24 + 61 + 62 + 73 + 201 & 421 &:= 3^3 + 4^2 + 4^4 + 11^2 + 19^0 = 33 + 42 + 44 + 112 + 190 \\ 421 &:= 2^4 + 6^1 + 6^3 + 13^2 + 14^1 = 24 + 61 + 63 + 132 + 141 & 421 &:= 3^3 + 4^3 + 8^2 + 10^1 + 16^2 = 33 + 43 + 82 + 101 + 162 \\ 421 &:= 2^4 + 6^2 + 6^2 + 9^1 + 18^2 = 24 + 62 + 62 + 91 + 182 & 421 &:= 3^3 + 4^4 + 5^3 + 12^1 + 17^0 = 33 + 44 + 53 + 121 + 170 \\ 421 &:= 2^4 + 6^2 + 7^1 + 7^3 + 19^1 = 24 + 62 + 71 + 73 + 191 & 421 &:= 3^3 + 5^2 + 10^2 + 10^2 + 13^2 = 33 + 52 + 102 + 102 + 132 \\ 421 &:= 2^4 + 6^2 + 7^3 + 10^1 + 16^1 = 24 + 62 + 73 + 101 + 161 & 421 &:= 3^3 + 5^2 + 9^2 + 12^2 + 12^2 = 33 + 52 + 92 + 122 + 122 \\ 421 &:= 2^4 + 6^2 + 7^3 + 11^1 + 15^1 = 24 + 62 + 73 + 111 + 151 & 421 &:= 3^3 + 6^2 + 9^2 + 9^2 + 14^2 = 33 + 62 + 92 + 92 + 142 \\ 421 &:= 2^4 + 6^2 + 7^3 + 12^1 + 14^1 = 24 + 62 + 73 + 121 + 141 & 421 &:= 3^3 + 6^3 + 8^2 + 10^2 + 14^1 = 33 + 63 + 82 + 102 + 141 \\ 421 &:= 2^4 + 6^2 + 7^3 + 13^1 + 13^1 = 24 + 62 + 73 + 131 + 131 & 421 &:= 3^3 + 7^2 + 7^2 + 10^2 + 14^2 = 33 + 72 + 72 + 102 + 142 \\ 421 &:= 2^4 + 6^2 + 7^3 + 8^1 + 18^1 = 24 + 62 + 73 + 81 + 181 & 421 &:= 3^4 + 4^1 + 5^3 + 14^2 + 15^1 = 34 + 41 + 53 + 142 + 151 \\ 421 &:= 2^4 + 6^2 + 7^3 + 9^1 + 17^1 = 24 + 62 + 73 + 91 + 171 & 421 &:= 3^4 + 4^4 + 7^0 + 8^2 + 19^1 = 34 + 44 + 70 + 82 + 191 \\ 421 &:= 2^4 + 6^3 + 10^1 + 10^1 + 13^2 = 24 + 63 + 101 + 101 + 132 & 421 &:= 3^4 + 5^1 + 5^3 + 14^1 + 14^2 = 34 + 51 + 53 + 141 + 142 \\ 421 &:= 2^4 + 6^3 + 7^1 + 13^1 + 13^2 = 24 + 63 + 71 + 131 + 132 & 421 &:= 3^4 + 5^2 + 7^2 + 10^1 + 16^2 = 34 + 52 + 72 + 101 + 162 \\ 421 &:= 2^4 + 6^3 + 8^1 + 12^1 + 13^2 = 24 + 63 + 81 + 121 + 132 & 421 &:= 3^4 + 5^2 + 9^1 + 9^2 + 15^2 = 34 + 52 + 91 + 92 + 152 \\ 421 &:= 2^4 + 6^3 + 9^1 + 11^1 + 13^2 = 24 + 63 + 91 + 111 + 132 & 421 &:= 3^4 + 5^3 + 6^1 + 13^1 + 14^2 = 34 + 53 + 61 + 131 + 142 \\ 421 &:= 2^5 + 3^1 + 6^3 + 13^2 + 17^0 = 25 + 31 + 63 + 132 + 170 & 421 &:= 3^4 + 5^3 + 7^1 + 12^1 + 14^2 = 34 + 53 + 71 + 121 + 142 \\ 421 &:= 2^5 + 3^1 + 9^1 + 11^2 + 16^2 = 25 + 31 + 91 + 112 + 162 & 421 &:= 3^4 + 5^3 + 8^1 + 11^1 + 14^2 = 34 + 53 + 81 + 111 + 142 \\ 421 &:= 2^5 + 4^1 + 8^1 + 11^2 + 16^2 = 25 + 41 + 81 + 112 + 162 & 421 &:= 3^4 + 5^3 + 9^1 + 10^1 + 14^2 = 34 + 53 + 91 + 101 + 142 \\ 421 &:= 2^5 + 5^0 + 10^2 + 12^2 + 12^2 = 25 + 50 + 102 + 122 + 122 & 421 &:= 3^4 + 6^2 + 8^1 + 10^2 + 14^2 = 34 + 62 + 81 + 102 + 142 \\ 421 &:= 2^5 + 5^1 + 7^1 + 11^2 + 16^2 = 25 + 51 + 71 + 112 + 162 & 421 &:= 3^4 + 7^1 + 8^2 + 10^2 + 13^2 = 34 + 71 + 82 + 102 + 132 \\ 421 &:= 2^5 + 5^2 + 7^0 + 7^3 + 20^1 = 25 + 52 + 70 + 73 + 201 & 421 &:= 3^5 + 4^1 + 6^2 + 11^2 + 17^1 = 35 + 41 + 62 + 112 + 171 \\ 421 &:= 2^5 + 5^3 + 7^1 + 11^0 + 16^2 = 25 + 53 + 71 + 110 + 162 & 421 &:= 3^5 + 4^3 + 10^2 + 11^0 + 13^1 = 35 + 43 + 102 + 110 + 131 \\ 421 &:= 2^5 + 6^1 + 6^1 + 11^2 + 16^2 = 25 + 61 + 61 + 112 + 162 & 421 &:= 3^5 + 5^1 + 6^2 + 11^2 + 16^1 = 35 + 51 + 62 + 112 + 161 \\ 421 &:= 2^5 + 6^2 + 7^3 + 9^1 + 17^0 = 25 + 62 + 73 + 91 + 170 & 421 &:= 3^5 + 5^3 + 6^2 + 11^0 + 16^1 = 35 + 53 + 62 + 110 + 161 \\ 421 &:= 2^6 + 3^0 + 10^1 + 11^2 + 15^2 = 26 + 30 + 101 + 112 + 152 & 421 &:= 3^5 + 6^1 + 6^2 + 11^2 + 15^1 = 35 + 61 + 62 + 112 + 151 \\ 421 &:= 2^6 + 3^1 + 7^3 + 10^1 + 19^0 = 26 + 31 + 73 + 101 + 190 & 421 &:= 3^5 + 6^2 + 10^1 + 11^1 + 11^2 = 35 + 62 + 101 + 111 + 112 \\ 421 &:= 2^6 + 3^1 + 8^2 + 11^0 + 17^2 = 26 + 31 + 82 + 110 + 172 & 421 &:= 3^5 + 6^2 + 7^1 + 11^2 + 14^1 = 35 + 62 + 71 + 112 + 141 \\ 421 &:= 2^6 + 4^1 + 7^3 + 9^1 + 19^0 = 26 + 41 + 73 + 91 + 190 & 421 &:= 3^5 + 6^2 + 8^1 + 11^2 + 13^1 = 35 + 62 + 81 + 112 + 131 \\ 421 &:= 2^6 + 5^1 + 7^3 + 8^1 + 19^0 = 26 + 51 + 73 + 81 + 190 & 421 &:= 3^5 + 6^2 + 9^1 + 11^2 + 12^1 = 35 + 62 + 91 + 112 + 121 \\ 421 &:= 2^6 + 5^2 + 7^1 + 9^0 + 18^2 = 26 + 52 + 71 + 90 + 182 & 421 &:= 3^5 + 7^2 + 8^2 + 8^2 + 15^0 = 35 + 72 + 82 + 82 + 150 \\ 421 &:= 2^6 + 6^1 + 7^1 + 7^3 + 19^0 = 26 + 61 + 71 + 73 + 190 & 421 &:= 4^3 + 4^3 + 5^2 + 12^1 + 16^2 = 43 + 43 + 52 + 121 + 162 \\ 421 &:= 2^8 + 3^0 + 5^0 + 12^2 + 19^1 = 28 + 30 + 50 + 122 + 191 & 421 &:= 4^3 + 4^4 + 6^2 + 8^2 + 19^0 = 43 + 44 + 62 + 82 + 190 \end{aligned}$$

$$421 := 4^3 + 5^2 + 6^3 + 10^2 + 16^1 = 43 + 52 + 63 + 102 + 161$$

$$421 := 4^3 + 5^3 + 10^2 + 11^1 + 11^2 = 43 + 53 + 102 + 111 + 112$$

$$421 := 4^3 + 6^2 + 10^2 + 10^2 + 11^2 = 43 + 62 + 102 + 102 + 112$$

$$421 := 4^3 + 7^2 + 8^2 + 10^2 + 12^2 = 43 + 72 + 82 + 102 + 122$$

$$421 := 4^4 + 6^2 + 7^2 + 8^2 + 16^1 = 44 + 62 + 72 + 82 + 161$$

$$421 := 5^2 + 5^3 + 6^2 + 6^3 + 19^1 = 52 + 53 + 62 + 63 + 191$$

$$421 := 5^3 + 5^3 + 6^2 + 11^2 + 14^1 = 53 + 53 + 62 + 112 + 141$$

2.2.323 Number 422

$$422 := 1^0 + 2^6 + 4^4 + 10^2 + 24^0 = 10 + 26 + 44 + 102 + 240$$

$$422 := 1^0 + 2^8 + 8^2 + 10^2 + 20^0 = 10 + 28 + 82 + 102 + 200$$

$$422 := 1^1 + 2^7 + 6^2 + 16^0 + 16^2 = 11 + 27 + 62 + 160 + 162$$

$$422 := 1^1 + 2^8 + 6^0 + 12^2 + 20^1 = 11 + 28 + 60 + 122 + 201$$

$$422 := 1^2 + 2^3 + 3^5 + 13^2 + 22^0 = 12 + 23 + 35 + 132 + 220$$

$$422 := 1^2 + 2^5 + 3^3 + 16^0 + 19^2 = 12 + 25 + 33 + 160 + 192$$

$$422 := 1^2 + 2^5 + 4^3 + 16^0 + 18^2 = 12 + 25 + 43 + 160 + 182$$

$$422 := 1^2 + 2^6 + 10^2 + 12^0 + 16^2 = 12 + 26 + 102 + 120 + 162$$

$$422 := 1^2 + 2^6 + 7^3 + 13^1 + 18^0 = 12 + 26 + 73 + 131 + 180$$

$$422 := 1^2 + 2^7 + 3^1 + 17^2 + 18^0 = 12 + 27 + 31 + 172 + 180$$

$$422 := 1^3 + 2^5 + 8^2 + 12^0 + 18^2 = 13 + 25 + 82 + 120 + 182$$

$$422 := 1^3 + 4^3 + 4^4 + 10^2 + 22^0 = 13 + 43 + 44 + 102 + 220$$

$$422 := 1^4 + 2^2 + 2^4 + 16^0 + 20^2 = 14 + 22 + 24 + 160 + 202$$

$$422 := 1^4 + 2^3 + 6^3 + 14^2 + 18^0 = 14 + 23 + 63 + 142 + 180$$

$$422 := 1^4 + 3^5 + 8^1 + 13^2 + 16^0 = 14 + 35 + 81 + 132 + 160$$

$$422 := 1^4 + 4^4 + 8^2 + 10^2 + 18^0 = 14 + 44 + 82 + 102 + 180$$

$$422 := 1^5 + 2^4 + 4^1 + 14^0 + 20^2 = 15 + 24 + 41 + 140 + 202$$

$$422 := 1^5 + 3^4 + 4^0 + 15^1 + 18^2 = 15 + 34 + 40 + 151 + 182$$

$$422 := 1^5 + 4^0 + 4^4 + 12^2 + 20^1 = 15 + 40 + 44 + 122 + 201$$

$$422 := 1^5 + 4^3 + 10^0 + 10^2 + 16^2 = 15 + 43 + 100 + 102 + 162$$

$$422 := 1^5 + 4^3 + 7^3 + 13^1 + 16^0 = 15 + 43 + 73 + 131 + 160$$

$$422 := 1^6 + 2^2 + 4^2 + 14^0 + 20^2 = 16 + 22 + 42 + 140 + 202$$

$$422 := 1^6 + 2^3 + 6^0 + 12^1 + 20^2 = 16 + 23 + 60 + 121 + 202$$

$$422 := 1^6 + 2^6 + 2^8 + 10^2 + 25^0 = 16 + 26 + 28 + 102 + 250$$

$$422 := 1^6 + 5^3 + 6^1 + 12^0 + 17^2 = 16 + 53 + 61 + 120 + 172$$

$$422 := 1^6 + 6^0 + 8^2 + 10^2 + 16^2 = 16 + 60 + 82 + 102 + 162$$

$$422 := 1^6 + 6^3 + 8^1 + 12^0 + 14^2 = 16 + 63 + 81 + 120 + 142$$

$$422 := 1^6 + 7^3 + 8^2 + 12^0 + 13^1 = 16 + 73 + 82 + 120 + 131$$

$$422 := 1^7 + 2^0 + 10^1 + 11^2 + 17^2 = 17 + 20 + 101 + 112 + 172$$

$$422 := 1^7 + 2^0 + 2^2 + 16^1 + 20^2 = 17 + 20 + 22 + 161 + 202$$

$$422 := 1^7 + 3^2 + 6^0 + 11^1 + 20^2 = 17 + 32 + 60 + 111 + 202$$

$$422 := 1^7 + 4^0 + 7^2 + 10^1 + 19^2 = 17 + 40 + 72 + 101 + 192$$

$$422 := 1^7 + 4^1 + 4^2 + 12^0 + 20^2 = 17 + 41 + 42 + 120 + 202$$

$$422 := 1^8 + 1^9 + 10^1 + 11^2 + 17^2 = 18 + 19 + 101 + 112 + 172$$

$$422 := 1^8 + 1^9 + 2^2 + 16^1 + 20^2 = 18 + 19 + 22 + 161 + 202$$

$$422 := 1^8 + 2^7 + 3^5 + 7^2 + 27^0 = 18 + 27 + 35 + 72 + 270$$

$$422 := 1^9 + 2^4 + 2^6 + 17^1 + 18^2 = 19 + 24 + 26 + 171 + 182$$

$$422 := 1^9 + 2^5 + 2^6 + 17^0 + 18^2 = 19 + 25 + 26 + 170 + 182$$

$$422 := 1^9 + 2^7 + 4^4 + 6^2 + 27^0 = 19 + 27 + 44 + 62 + 270$$

$$422 := 1^9 + 2^8 + 4^3 + 10^2 + 23^0 = 19 + 28 + 43 + 102 + 230$$

$$422 := 1^9 + 2^8 + 8^2 + 9^2 + 20^1 = 19 + 28 + 82 + 92 + 201$$

$$422 := 2^0 + 2^6 + 4^4 + 10^2 + 23^0 = 20 + 26 + 44 + 102 + 230$$

$$422 := 2^0 + 2^6 + 6^3 + 11^2 + 20^1 = 20 + 26 + 63 + 112 + 201$$

$$422 := 2^0 + 2^8 + 8^2 + 10^2 + 19^0 = 20 + 28 + 82 + 102 + 190$$

$$422 := 2^1 + 2^8 + 6^0 + 12^2 + 19^1 = 21 + 28 + 60 + 122 + 191$$

$$422 := 2^2 + 2^5 + 6^3 + 13^2 + 18^0 = 22 + 25 + 63 + 132 + 180$$

$$422 := 2^2 + 2^6 + 7^3 + 10^1 + 20^0 = 22 + 26 + 73 + 101 + 200$$

$$422 := 2^2 + 2^6 + 8^2 + 12^0 + 17^2 = 22 + 26 + 82 + 120 + 172$$

$$422 := 2^2 + 3^5 + 5^3 + 7^2 + 24^0 = 22 + 35 + 53 + 72 + 240$$

$$422 := 2^3 + 2^3 + 3^4 + 16^0 + 18^2 = 23 + 23 + 34 + 160 + 182$$

$$422 := 2^3 + 3^5 + 7^2 + 11^2 + 18^0 = 23 + 35 + 72 + 112 + 180$$

$$422 := 2^4 + 2^4 + 10^0 + 10^2 + 17^2 = 24 + 24 + 100 + 102 + 172$$

$$422 := 2^4 + 2^5 + 6^0 + 12^1 + 19^2 = 24 + 25 + 60 + 121 + 192$$

$$422 := 2^4 + 3^5 + 6^0 + 12^2 + 18^1 = 24 + 35 + 60 + 122 + 181$$

$$422 := 2^4 + 4^4 + 5^3 + 6^0 + 24^1 = 24 + 44 + 53 + 60 + 241$$

$$422 := 2^4 + 4^4 + 7^2 + 10^2 + 18^0 = 24 + 44 + 72 + 102 + 180$$

$$422 := 2^4 + 5^3 + 6^3 + 8^2 + 20^0 = 24 + 53 + 63 + 82 + 200$$

$$422 := 2^5 + 3^3 + 7^3 + 10^0 + 19^1 = 25 + 33 + 73 + 100 + 191$$

$$422 := 2^5 + 4^3 + 10^0 + 10^2 + 15^2 = 25 + 43 + 100 + 102 + 152$$

$$422 := 2^5 + 4^3 + 6^2 + 12^0 + 17^2 = 25 + 43 + 62 + 120 + 172$$

$$422 := 2^5 + 4^4 + 11^2 + 12^0 + 12^1 = 25 + 44 + 112 + 120 + 121$$

$$422 := 2^6 + 2^6 + 2^7 + 12^2 + 22^1 = 26 + 26 + 27 + 122 + 221$$

$$\begin{aligned}
 422 &:= 2^6 + 3^0 + 4^4 + 10^2 + 22^0 = 26 + 30 + 44 + 102 + 220 \\
 422 &:= 2^6 + 3^2 + 5^1 + 7^3 + 24^0 = 26 + 32 + 51 + 73 + 240 \\
 422 &:= 2^6 + 3^3 + 6^1 + 12^0 + 18^2 = 26 + 33 + 61 + 120 + 182 \\
 422 &:= 2^6 + 4^0 + 4^4 + 10^2 + 21^0 = 26 + 40 + 44 + 102 + 210 \\
 422 &:= 2^6 + 4^1 + 4^3 + 14^0 + 17^2 = 26 + 41 + 43 + 140 + 172 \\
 422 &:= 2^6 + 4^4 + 10^0 + 10^2 + 15^0 = 26 + 44 + 100 + 102 + 150 \\
 422 &:= 2^6 + 4^4 + 10^2 + 11^0 + 14^0 = 26 + 44 + 102 + 110 + 140 \\
 422 &:= 2^6 + 4^4 + 10^2 + 12^0 + 13^0 = 26 + 44 + 102 + 120 + 130 \\
 422 &:= 2^6 + 4^4 + 5^0 + 10^2 + 20^0 = 26 + 44 + 50 + 102 + 200 \\
 422 &:= 2^6 + 4^4 + 6^0 + 10^2 + 19^0 = 26 + 44 + 60 + 102 + 190 \\
 422 &:= 2^6 + 4^4 + 7^0 + 10^2 + 18^0 = 26 + 44 + 70 + 102 + 180 \\
 422 &:= 2^6 + 4^4 + 8^0 + 10^2 + 17^0 = 26 + 44 + 80 + 102 + 170 \\
 422 &:= 2^6 + 4^4 + 9^0 + 10^2 + 16^0 = 26 + 44 + 90 + 102 + 160 \\
 422 &:= 2^6 + 5^3 + 7^1 + 12^0 + 15^2 = 26 + 53 + 71 + 120 + 152 \\
 422 &:= 2^7 + 3^1 + 11^2 + 12^0 + 13^2 = 27 + 31 + 112 + 120 + 132 \\
 422 &:= 2^7 + 4^1 + 8^2 + 12^0 + 15^2 = 27 + 41 + 82 + 120 + 152 \\
 422 &:= 2^7 + 5^1 + 10^0 + 12^2 + 12^2 = 27 + 51 + 100 + 122 + 122 \\
 422 &:= 2^7 + 5^2 + 6^0 + 12^1 + 16^2 = 27 + 52 + 60 + 121 + 162 \\
 422 &:= 2^8 + 3^0 + 8^2 + 10^2 + 18^0 = 28 + 30 + 82 + 102 + 180
 \end{aligned}$$

$$\begin{aligned}
 422 &:= 2^8 + 3^1 + 6^0 + 12^2 + 18^1 = 28 + 31 + 60 + 122 + 181 \\
 422 &:= 2^8 + 4^0 + 8^2 + 10^2 + 17^0 = 28 + 40 + 82 + 102 + 170 \\
 422 &:= 2^8 + 4^1 + 6^0 + 12^2 + 17^1 = 28 + 41 + 60 + 122 + 171 \\
 422 &:= 2^8 + 5^0 + 8^2 + 10^2 + 16^0 = 28 + 50 + 82 + 102 + 160 \\
 422 &:= 2^8 + 5^1 + 6^0 + 12^2 + 16^1 = 28 + 51 + 60 + 122 + 161 \\
 422 &:= 2^8 + 6^0 + 10^1 + 11^1 + 12^2 = 28 + 60 + 101 + 111 + 122 \\
 422 &:= 2^8 + 6^0 + 6^1 + 12^2 + 15^1 = 28 + 60 + 61 + 122 + 151 \\
 422 &:= 2^8 + 6^0 + 7^1 + 12^2 + 14^1 = 28 + 60 + 71 + 122 + 141 \\
 422 &:= 2^8 + 6^0 + 8^1 + 12^2 + 13^1 = 28 + 60 + 81 + 122 + 131 \\
 422 &:= 2^8 + 6^0 + 8^2 + 10^2 + 15^0 = 28 + 60 + 82 + 102 + 150 \\
 422 &:= 2^8 + 6^0 + 9^1 + 12^1 + 12^2 = 28 + 60 + 91 + 121 + 122 \\
 422 &:= 2^8 + 7^0 + 8^2 + 10^2 + 14^0 = 28 + 70 + 82 + 102 + 140 \\
 422 &:= 2^8 + 8^0 + 8^2 + 10^2 + 13^0 = 28 + 80 + 82 + 102 + 130 \\
 422 &:= 2^8 + 8^2 + 10^0 + 10^2 + 11^0 = 28 + 82 + 100 + 102 + 110 \\
 422 &:= 2^8 + 8^2 + 9^0 + 10^2 + 12^0 = 28 + 82 + 90 + 102 + 120 \\
 422 &:= 3^3 + 3^5 + 4^0 + 5^3 + 26^1 = 33 + 35 + 40 + 53 + 261 \\
 422 &:= 3^4 + 3^5 + 9^2 + 10^0 + 16^1 = 34 + 35 + 92 + 100 + 161 \\
 422 &:= 3^4 + 4^3 + 4^4 + 10^0 + 20^1 = 34 + 43 + 44 + 100 + 201
 \end{aligned}$$

2.2.324 Number 423

$$\begin{aligned}
 423 &:= 1^8 + 11^2 + 12^1 + 17^2 = 18 + 112 + 121 + 172 \\
 423 &:= 1^8 + 2^2 + 18^1 + 20^2 = 18 + 22 + 181 + 202 \\
 423 &:= 1^9 + 11^0 + 14^2 + 15^2 = 19 + 110 + 142 + 152 \\
 423 &:= 2^4 + 2^6 + 18^2 + 19^1 = 24 + 26 + 182 + 191 \\
 423 &:= 2^8 + 8^2 + 9^2 + 22^1 = 28 + 82 + 92 + 221 \\
 423 &:= 1^0 + 1^8 + 11^1 + 11^2 + 17^2 = 10 + 18 + 111 + 112 + 172 \\
 423 &:= 1^0 + 1^8 + 2^2 + 17^1 + 20^2 = 10 + 18 + 22 + 171 + 202 \\
 423 &:= 1^0 + 2^4 + 2^6 + 18^1 + 18^2 = 10 + 24 + 26 + 181 + 182 \\
 423 &:= 1^0 + 2^8 + 8^2 + 9^2 + 21^1 = 10 + 28 + 82 + 92 + 211 \\
 423 &:= 1^1 + 1^7 + 11^1 + 11^2 + 17^2 = 11 + 17 + 111 + 112 + 172 \\
 423 &:= 1^1 + 1^7 + 2^2 + 17^1 + 20^2 = 11 + 17 + 22 + 171 + 202 \\
 423 &:= 1^1 + 2^6 + 6^3 + 11^2 + 21^1 = 11 + 26 + 63 + 112 + 211 \\
 423 &:= 1^2 + 1^6 + 11^1 + 11^2 + 17^2 = 12 + 16 + 111 + 112 + 172 \\
 423 &:= 1^2 + 1^6 + 2^2 + 17^1 + 20^2 = 12 + 16 + 22 + 171 + 202 \\
 423 &:= 1^2 + 2^2 + 2^7 + 17^2 + 19^0 = 12 + 22 + 27 + 172 + 190 \\
 423 &:= 1^2 + 2^6 + 11^2 + 12^1 + 15^2 = 12 + 26 + 112 + 121 + 152
 \end{aligned}$$

$$\begin{aligned}
 423 &:= 1^2 + 2^8 + 5^0 + 12^2 + 21^1 = 12 + 28 + 50 + 122 + 211 \\
 423 &:= 1^3 + 1^5 + 11^1 + 11^2 + 17^2 = 13 + 15 + 111 + 112 + 172 \\
 423 &:= 1^3 + 1^5 + 2^2 + 17^1 + 20^2 = 13 + 15 + 22 + 171 + 202 \\
 423 &:= 1^3 + 2^4 + 3^4 + 17^0 + 18^2 = 13 + 24 + 34 + 170 + 182 \\
 423 &:= 1^3 + 2^6 + 7^3 + 14^1 + 17^0 = 13 + 26 + 73 + 141 + 170 \\
 423 &:= 1^3 + 2^7 + 4^1 + 17^0 + 17^2 = 13 + 27 + 41 + 170 + 172 \\
 423 &:= 1^4 + 1^4 + 11^1 + 11^2 + 17^2 = 14 + 14 + 111 + 112 + 172 \\
 423 &:= 1^4 + 1^4 + 2^2 + 17^1 + 20^2 = 14 + 14 + 22 + 171 + 202 \\
 423 &:= 1^4 + 2^5 + 10^2 + 11^0 + 17^2 = 14 + 25 + 102 + 110 + 172 \\
 423 &:= 1^4 + 3^2 + 3^5 + 13^2 + 21^0 = 14 + 32 + 35 + 132 + 210 \\
 423 &:= 1^4 + 4^4 + 5^2 + 11^2 + 20^1 = 14 + 44 + 52 + 112 + 201 \\
 423 &:= 1^5 + 2^4 + 9^2 + 11^0 + 18^2 = 15 + 24 + 92 + 110 + 182 \\
 423 &:= 1^5 + 3^4 + 11^0 + 12^2 + 14^2 = 15 + 34 + 110 + 122 + 142 \\
 423 &:= 1^5 + 3^4 + 4^2 + 15^0 + 18^2 = 15 + 34 + 42 + 150 + 182 \\
 423 &:= 1^5 + 3^5 + 9^1 + 13^2 + 15^0 = 15 + 35 + 91 + 132 + 150 \\
 423 &:= 1^5 + 6^2 + 11^2 + 11^2 + 12^2 = 15 + 62 + 112 + 112 + 122
 \end{aligned}$$

$$\begin{aligned} 423 &:= 1^5 + 8^2 + 9^2 + 9^2 + 14^2 = 15 + 82 + 92 + 92 + 142 \\ 423 &:= 1^6 + 2^4 + 5^1 + 13^0 + 20^2 = 16 + 24 + 51 + 130 + 202 \\ 423 &:= 1^6 + 3^0 + 3^4 + 16^1 + 18^2 = 16 + 30 + 34 + 161 + 182 \\ 423 &:= 1^6 + 3^0 + 4^4 + 12^2 + 21^1 = 16 + 30 + 44 + 122 + 211 \\ 423 &:= 1^6 + 3^2 + 6^3 + 14^2 + 17^0 = 16 + 32 + 63 + 142 + 170 \\ 423 &:= 1^6 + 3^3 + 9^0 + 13^2 + 15^2 = 16 + 33 + 90 + 132 + 152 \\ 423 &:= 1^6 + 4^3 + 7^3 + 14^1 + 15^0 = 16 + 43 + 73 + 141 + 150 \\ 423 &:= 1^6 + 5^1 + 10^2 + 11^2 + 14^2 = 16 + 51 + 102 + 112 + 142 \\ 423 &:= 1^6 + 5^2 + 5^2 + 11^1 + 19^2 = 16 + 52 + 52 + 111 + 192 \\ 423 &:= 1^6 + 5^2 + 8^1 + 10^2 + 17^2 = 16 + 52 + 81 + 102 + 172 \\ 423 &:= 1^6 + 5^2 + 8^2 + 9^1 + 18^2 = 16 + 52 + 82 + 91 + 182 \\ 423 &:= 1^6 + 5^3 + 10^2 + 11^0 + 14^2 = 16 + 53 + 102 + 110 + 142 \\ 423 &:= 1^6 + 6^2 + 6^3 + 13^2 + 15^0 = 16 + 62 + 63 + 132 + 150 \\ 423 &:= 1^7 + 2^1 + 10^1 + 11^2 + 17^2 = 17 + 21 + 101 + 112 + 172 \\ 423 &:= 1^7 + 2^1 + 2^2 + 16^1 + 20^2 = 17 + 21 + 22 + 161 + 202 \\ 423 &:= 1^7 + 2^2 + 3^1 + 15^1 + 20^2 = 17 + 22 + 31 + 151 + 202 \\ 423 &:= 1^7 + 2^2 + 4^1 + 14^1 + 20^2 = 17 + 22 + 41 + 141 + 202 \\ 423 &:= 1^7 + 2^2 + 5^1 + 13^1 + 20^2 = 17 + 22 + 51 + 131 + 202 \\ 423 &:= 1^7 + 2^2 + 6^1 + 12^1 + 20^2 = 17 + 22 + 61 + 121 + 202 \\ 423 &:= 1^7 + 2^2 + 7^1 + 11^1 + 20^2 = 17 + 22 + 71 + 111 + 202 \\ 423 &:= 1^7 + 2^2 + 8^1 + 10^1 + 20^2 = 17 + 22 + 81 + 101 + 202 \\ 423 &:= 1^7 + 2^2 + 9^1 + 9^1 + 20^2 = 17 + 22 + 91 + 91 + 202 \\ 423 &:= 1^7 + 2^3 + 5^0 + 13^1 + 20^2 = 17 + 23 + 50 + 131 + 202 \\ 423 &:= 1^7 + 3^1 + 9^1 + 11^2 + 17^2 = 17 + 31 + 91 + 112 + 172 \\ 423 &:= 1^7 + 4^1 + 8^1 + 11^2 + 17^2 = 17 + 41 + 81 + 112 + 172 \\ 423 &:= 1^7 + 4^2 + 9^0 + 9^2 + 18^2 = 17 + 42 + 90 + 92 + 182 \\ 423 &:= 1^7 + 5^0 + 9^2 + 12^2 + 14^2 = 17 + 50 + 92 + 122 + 142 \\ 423 &:= 1^7 + 5^1 + 7^1 + 11^2 + 17^2 = 17 + 51 + 71 + 112 + 172 \\ 423 &:= 1^7 + 5^3 + 7^1 + 11^0 + 17^2 = 17 + 53 + 71 + 110 + 172 \\ 423 &:= 1^7 + 6^1 + 6^1 + 11^2 + 17^2 = 17 + 61 + 61 + 112 + 172 \\ 423 &:= 1^7 + 6^3 + 9^1 + 11^0 + 14^2 = 17 + 63 + 91 + 110 + 142 \\ 423 &:= 1^7 + 7^3 + 8^2 + 11^0 + 14^1 = 17 + 73 + 82 + 110 + 141 \\ 423 &:= 1^8 + 3^0 + 7^2 + 11^1 + 19^2 = 18 + 30 + 72 + 111 + 192 \\ 423 &:= 1^8 + 3^2 + 5^0 + 12^1 + 20^2 = 18 + 32 + 50 + 121 + 202 \\ 423 &:= 1^8 + 4^2 + 5^1 + 11^0 + 20^2 = 18 + 42 + 51 + 110 + 202 \\ 423 &:= 2^1 + 2^6 + 4^4 + 10^2 + 23^0 = 21 + 26 + 44 + 102 + 230 \\ 423 &:= 2^1 + 2^6 + 6^3 + 11^2 + 20^1 = 21 + 26 + 63 + 112 + 201 \\ 423 &:= 2^1 + 2^8 + 8^2 + 10^2 + 19^0 = 21 + 28 + 82 + 102 + 190 \end{aligned}$$

$$\begin{aligned} 423 &:= 2^2 + 2^6 + 4^2 + 15^1 + 18^2 = 22 + 26 + 42 + 151 + 182 \\ 423 &:= 2^2 + 2^7 + 11^2 + 13^0 + 13^2 = 22 + 27 + 112 + 130 + 132 \\ 423 &:= 2^2 + 2^8 + 7^0 + 12^2 + 18^1 = 22 + 28 + 70 + 122 + 181 \\ 423 &:= 2^2 + 3^5 + 5^2 + 5^3 + 26^1 = 22 + 35 + 52 + 53 + 261 \\ 423 &:= 2^3 + 2^6 + 7^1 + 7^3 + 23^0 = 23 + 26 + 71 + 73 + 230 \\ 423 &:= 2^3 + 3^3 + 3^5 + 12^2 + 21^0 = 23 + 33 + 35 + 122 + 210 \\ 423 &:= 2^4 + 2^4 + 4^2 + 14^1 + 19^2 = 24 + 24 + 42 + 141 + 192 \\ 423 &:= 2^4 + 3^2 + 4^4 + 11^2 + 21^1 = 24 + 32 + 44 + 112 + 211 \\ 423 &:= 2^4 + 4^4 + 5^2 + 5^3 + 25^0 = 24 + 44 + 52 + 53 + 250 \\ 423 &:= 2^5 + 3^1 + 3^5 + 12^2 + 21^0 = 25 + 31 + 35 + 122 + 210 \\ 423 &:= 2^5 + 3^3 + 8^2 + 11^1 + 17^2 = 25 + 33 + 82 + 111 + 172 \\ 423 &:= 2^5 + 4^3 + 10^1 + 11^2 + 14^2 = 25 + 43 + 101 + 112 + 142 \\ 423 &:= 2^5 + 4^3 + 5^2 + 13^1 + 17^2 = 25 + 43 + 52 + 131 + 172 \\ 423 &:= 2^5 + 4^4 + 5^3 + 9^1 + 21^0 = 25 + 44 + 53 + 91 + 210 \\ 423 &:= 2^5 + 5^3 + 6^3 + 7^2 + 21^0 = 25 + 53 + 63 + 72 + 210 \\ 423 &:= 2^5 + 7^2 + 10^2 + 11^2 + 11^2 = 25 + 72 + 102 + 112 + 112 \\ 423 &:= 2^6 + 3^1 + 6^3 + 11^2 + 19^1 = 26 + 31 + 63 + 112 + 191 \\ 423 &:= 2^6 + 3^2 + 10^1 + 12^2 + 14^2 = 26 + 32 + 101 + 122 + 142 \\ 423 &:= 2^6 + 3^2 + 7^2 + 12^1 + 17^2 = 26 + 32 + 72 + 121 + 172 \\ 423 &:= 2^6 + 4^1 + 6^3 + 11^2 + 18^1 = 26 + 41 + 63 + 112 + 181 \\ 423 &:= 2^6 + 4^4 + 5^0 + 9^2 + 21^1 = 26 + 44 + 50 + 92 + 211 \\ 423 &:= 2^6 + 5^1 + 6^3 + 11^2 + 17^1 = 26 + 51 + 63 + 112 + 171 \\ 423 &:= 2^6 + 5^2 + 9^1 + 10^2 + 15^2 = 26 + 52 + 91 + 102 + 152 \\ 423 &:= 2^6 + 5^3 + 6^3 + 11^0 + 17^1 = 26 + 53 + 63 + 110 + 171 \\ 423 &:= 2^6 + 5^3 + 8^2 + 13^0 + 13^2 = 26 + 53 + 82 + 130 + 132 \\ 423 &:= 2^6 + 6^1 + 6^3 + 11^2 + 16^1 = 26 + 61 + 63 + 112 + 161 \\ 423 &:= 2^6 + 6^3 + 10^1 + 11^2 + 12^1 = 26 + 63 + 101 + 112 + 121 \\ 423 &:= 2^6 + 6^3 + 11^1 + 11^1 + 11^2 = 26 + 63 + 111 + 111 + 112 \\ 423 &:= 2^6 + 6^3 + 7^1 + 11^2 + 15^1 = 26 + 63 + 71 + 112 + 151 \\ 423 &:= 2^6 + 6^3 + 8^1 + 11^2 + 14^1 = 26 + 63 + 81 + 112 + 141 \\ 423 &:= 2^6 + 6^3 + 9^1 + 11^2 + 13^1 = 26 + 63 + 91 + 112 + 131 \\ 423 &:= 2^6 + 7^1 + 8^2 + 12^2 + 12^2 = 26 + 71 + 82 + 122 + 122 \\ 423 &:= 2^7 + 3^3 + 9^0 + 11^1 + 16^2 = 27 + 33 + 90 + 111 + 162 \\ 423 &:= 2^7 + 4^3 + 5^1 + 15^0 + 15^2 = 27 + 43 + 51 + 150 + 152 \\ 423 &:= 2^7 + 5^2 + 10^2 + 11^0 + 13^2 = 27 + 52 + 102 + 110 + 132 \\ 423 &:= 2^7 + 6^3 + 8^2 + 11^0 + 14^1 = 27 + 63 + 82 + 110 + 141 \\ 423 &:= 2^7 + 7^2 + 7^2 + 11^0 + 14^2 = 27 + 72 + 72 + 110 + 142 \\ 423 &:= 2^8 + 3^0 + 5^2 + 11^2 + 20^1 = 28 + 30 + 52 + 112 + 201 \end{aligned}$$

$$\begin{aligned}423 &:= 2^8 + 3^2 + 11^0 + 12^2 + 13^1 = 28 + 32 + 110 + 122 + 131 \\423 &:= 2^8 + 4^1 + 9^2 + 9^2 + 17^0 = 28 + 41 + 92 + 92 + 170 \\423 &:= 2^8 + 4^2 + 6^1 + 12^2 + 17^0 = 28 + 42 + 61 + 122 + 170 \\423 &:= 2^8 + 5^0 + 7^2 + 10^2 + 17^1 = 28 + 50 + 72 + 102 + 171 \\423 &:= 2^8 + 6^2 + 9^1 + 11^2 + 13^0 = 28 + 62 + 91 + 112 + 130\end{aligned}$$

$$\begin{aligned}423 &:= 3^4 + 3^4 + 4^1 + 4^4 + 27^0 = 34 + 34 + 41 + 44 + 270 \\423 &:= 3^4 + 3^4 + 4^3 + 14^2 + 17^0 = 34 + 34 + 43 + 142 + 170 \\423 &:= 3^4 + 3^5 + 7^2 + 7^2 + 21^0 = 34 + 35 + 72 + 72 + 210\end{aligned}$$

2.2.325 Number 424

$$\begin{aligned}424 &:= 1^0 + 1^0 + 11^0 + 14^2 + 15^2 = 10 + 10 + 110 + 142 + 152 \\424 &:= 1^0 + 2^0 + 10^0 + 14^2 + 15^2 = 10 + 20 + 100 + 142 + 152 \\424 &:= 1^0 + 3^0 + 9^0 + 14^2 + 15^2 = 10 + 30 + 90 + 142 + 152 \\424 &:= 1^0 + 4^0 + 8^0 + 14^2 + 15^2 = 10 + 40 + 80 + 142 + 152 \\424 &:= 1^0 + 5^0 + 7^0 + 14^2 + 15^2 = 10 + 50 + 70 + 142 + 152 \\424 &:= 1^0 + 6^0 + 6^0 + 14^2 + 15^2 = 10 + 60 + 60 + 142 + 152 \\424 &:= 1^1 + 1^9 + 10^0 + 14^2 + 15^2 = 11 + 19 + 100 + 142 + 152 \\424 &:= 1^2 + 1^8 + 10^0 + 14^2 + 15^2 = 12 + 18 + 100 + 142 + 152 \\424 &:= 1^2 + 2^7 + 5^3 + 13^2 + 20^0 = 12 + 27 + 53 + 132 + 200 \\424 &:= 1^3 + 1^7 + 10^0 + 14^2 + 15^2 = 13 + 17 + 100 + 142 + 152 \\424 &:= 1^3 + 2^8 + 4^0 + 12^2 + 22^1 = 13 + 28 + 40 + 122 + 221 \\424 &:= 1^4 + 1^6 + 10^0 + 14^2 + 15^2 = 14 + 16 + 100 + 142 + 152 \\424 &:= 1^4 + 2^6 + 7^3 + 15^1 + 16^0 = 14 + 26 + 73 + 151 + 160 \\424 &:= 1^4 + 2^7 + 5^1 + 16^0 + 17^2 = 14 + 27 + 51 + 160 + 172 \\424 &:= 1^4 + 3^4 + 5^3 + 6^3 + 26^0 = 14 + 34 + 53 + 63 + 260 \\424 &:= 1^5 + 1^5 + 10^0 + 14^2 + 15^2 = 15 + 15 + 100 + 142 + 152 \\424 &:= 1^6 + 2^3 + 5^3 + 16^0 + 17^2 = 16 + 23 + 53 + 160 + 172 \\424 &:= 1^6 + 3^5 + 10^1 + 13^2 + 14^0 = 16 + 35 + 101 + 132 + 140 \\424 &:= 1^6 + 5^3 + 6^3 + 9^2 + 20^0 = 16 + 53 + 63 + 92 + 200 \\424 &:= 1^7 + 2^0 + 3^4 + 17^1 + 18^2 = 17 + 20 + 34 + 171 + 182 \\424 &:= 1^7 + 2^0 + 4^4 + 12^2 + 22^1 = 17 + 20 + 44 + 122 + 221 \\424 &:= 1^7 + 2^4 + 6^1 + 12^0 + 20^2 = 17 + 24 + 61 + 120 + 202 \\424 &:= 1^7 + 2^7 + 2^7 + 12^2 + 23^1 = 17 + 27 + 27 + 122 + 231 \\424 &:= 1^7 + 4^3 + 7^3 + 14^0 + 15^1 = 17 + 43 + 73 + 140 + 151 \\424 &:= 1^8 + 1^9 + 3^4 + 17^1 + 18^2 = 18 + 19 + 34 + 171 + 182 \\424 &:= 1^8 + 1^9 + 4^4 + 12^2 + 22^1 = 18 + 19 + 44 + 122 + 221 \\424 &:= 1^8 + 2^3 + 4^0 + 14^1 + 20^2 = 18 + 23 + 40 + 141 + 202 \\424 &:= 1^8 + 5^2 + 6^2 + 10^0 + 19^2 = 18 + 52 + 62 + 100 + 192 \\424 &:= 1^8 + 5^3 + 8^1 + 10^0 + 17^2 = 18 + 53 + 81 + 100 + 172 \\424 &:= 1^8 + 6^3 + 10^0 + 10^1 + 14^2 = 18 + 63 + 100 + 101 + 142 \\424 &:= 1^8 + 7^2 + 7^2 + 8^0 + 18^2 = 18 + 72 + 72 + 80 + 182\end{aligned}$$

$$\begin{aligned}424 &:= 1^8 + 7^3 + 8^2 + 10^0 + 15^1 = 18 + 73 + 82 + 100 + 151 \\424 &:= 1^9 + 2^0 + 7^2 + 12^1 + 19^2 = 19 + 20 + 72 + 121 + 192 \\424 &:= 1^9 + 3^2 + 4^0 + 13^1 + 20^2 = 19 + 32 + 40 + 131 + 202 \\424 &:= 1^9 + 4^2 + 6^1 + 10^0 + 20^2 = 19 + 42 + 61 + 100 + 202 \\424 &:= 2^0 + 2^0 + 9^0 + 14^2 + 15^2 = 20 + 20 + 90 + 142 + 152 \\424 &:= 2^0 + 3^0 + 8^0 + 14^2 + 15^2 = 20 + 30 + 80 + 142 + 152 \\424 &:= 2^0 + 4^0 + 7^0 + 14^2 + 15^2 = 20 + 40 + 70 + 142 + 152 \\424 &:= 2^0 + 5^0 + 6^0 + 14^2 + 15^2 = 20 + 50 + 60 + 142 + 152 \\424 &:= 2^2 + 2^5 + 3^5 + 12^2 + 22^0 = 22 + 25 + 35 + 122 + 220 \\424 &:= 2^3 + 2^6 + 3^3 + 16^0 + 18^2 = 23 + 26 + 33 + 160 + 182 \\424 &:= 2^3 + 2^8 + 10^0 + 12^2 + 15^1 = 23 + 28 + 100 + 122 + 151 \\424 &:= 2^4 + 3^5 + 4^3 + 10^2 + 22^0 = 24 + 35 + 43 + 102 + 220 \\424 &:= 2^5 + 2^5 + 7^3 + 14^0 + 16^1 = 25 + 25 + 73 + 140 + 161 \\424 &:= 2^5 + 2^6 + 3^1 + 16^0 + 18^2 = 25 + 26 + 31 + 160 + 182 \\424 &:= 2^5 + 3^5 + 5^3 + 8^0 + 23^1 = 25 + 35 + 53 + 80 + 231 \\424 &:= 2^6 + 3^5 + 10^0 + 10^2 + 16^1 = 26 + 35 + 100 + 102 + 161 \\424 &:= 2^7 + 3^1 + 4^4 + 6^2 + 26^0 = 27 + 31 + 44 + 62 + 260 \\424 &:= 2^7 + 3^4 + 4^0 + 14^2 + 18^1 = 27 + 34 + 40 + 142 + 181 \\424 &:= 2^7 + 4^2 + 4^4 + 8^0 + 23^1 = 27 + 42 + 44 + 80 + 231 \\424 &:= 2^7 + 4^3 + 6^3 + 14^0 + 15^1 = 27 + 43 + 63 + 140 + 151 \\424 &:= 2^7 + 4^4 + 5^2 + 14^1 + 16^0 = 27 + 44 + 52 + 141 + 160 \\424 &:= 2^7 + 5^3 + 7^2 + 11^2 + 16^0 = 27 + 53 + 72 + 112 + 160 \\424 &:= 2^8 + 3^1 + 4^3 + 10^2 + 22^0 = 28 + 31 + 43 + 102 + 220 \\424 &:= 2^8 + 3^3 + 6^0 + 11^2 + 19^1 = 28 + 33 + 60 + 112 + 191 \\424 &:= 2^8 + 4^0 + 4^2 + 5^3 + 26^1 = 28 + 40 + 42 + 53 + 261 \\424 &:= 2^8 + 4^0 + 4^3 + 9^2 + 22^1 = 28 + 40 + 43 + 92 + 221 \\424 &:= 2^8 + 5^2 + 5^3 + 12^0 + 17^1 = 28 + 52 + 53 + 120 + 171 \\424 &:= 2^8 + 5^3 + 6^1 + 6^2 + 22^0 = 28 + 53 + 61 + 62 + 220 \\424 &:= 3^0 + 3^0 + 7^0 + 14^2 + 15^2 = 30 + 30 + 70 + 142 + 152 \\424 &:= 3^0 + 4^0 + 6^0 + 14^2 + 15^2 = 30 + 40 + 60 + 142 + 152 \\424 &:= 3^0 + 5^0 + 5^0 + 14^2 + 15^2 = 30 + 50 + 50 + 142 + 152\end{aligned}$$

$$424 := 3^4 + 3^4 + 3^5 + 14^0 + 18^1 = 34 + 34 + 35 + 140 + 181$$

$$424 := 4^0 + 4^0 + 5^0 + 14^2 + 15^2 = 40 + 40 + 50 + 142 + 152$$

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$$425 := 7^3 + 9^2 + 26^0 = 73 + 92 + 260$$

$$425 := 1^8 + 3^4 + 18^2 + 19^1 = 18 + 34 + 182 + 191$$

$$425 := 1^8 + 4^4 + 12^2 + 24^1 = 18 + 44 + 122 + 241$$

$$425 := 2^0 + 7^2 + 14^1 + 19^2 = 20 + 72 + 141 + 192$$

$$425 := 2^3 + 2^7 + 4^4 + 33^1 = 23 + 27 + 44 + 331$$

$$425 := 3^1 + 10^0 + 14^2 + 15^2 = 31 + 100 + 142 + 152$$

$$425 := 3^2 + 4^0 + 15^1 + 20^2 = 32 + 40 + 151 + 202$$

$$425 := 4^2 + 8^1 + 10^0 + 20^2 = 42 + 81 + 100 + 202$$

$$425 := 1^0 + 1^8 + 3^4 + 18^1 + 18^2 = 10 + 18 + 34 + 181 + 182$$

$$425 := 1^0 + 1^8 + 4^4 + 12^2 + 23^1 = 10 + 18 + 44 + 122 + 231$$

$$425 := 1^0 + 2^0 + 7^2 + 13^1 + 19^2 = 10 + 20 + 72 + 131 + 192$$

$$425 := 1^0 + 2^1 + 10^0 + 14^2 + 15^2 = 10 + 21 + 100 + 142 + 152$$

$$425 := 1^0 + 3^2 + 4^0 + 14^1 + 20^2 = 10 + 32 + 40 + 141 + 202$$

$$425 := 1^0 + 4^2 + 7^1 + 10^0 + 20^2 = 10 + 42 + 71 + 100 + 202$$

$$425 := 1^1 + 1^7 + 3^4 + 18^1 + 18^2 = 11 + 17 + 34 + 181 + 182$$

$$425 := 1^1 + 1^7 + 4^4 + 12^2 + 23^1 = 11 + 17 + 44 + 122 + 231$$

$$425 := 1^1 + 1^9 + 7^2 + 13^1 + 19^2 = 11 + 19 + 72 + 131 + 192$$

$$425 := 1^2 + 1^6 + 3^4 + 18^1 + 18^2 = 12 + 16 + 34 + 181 + 182$$

$$425 := 1^2 + 1^6 + 4^4 + 12^2 + 23^1 = 12 + 16 + 44 + 122 + 231$$

$$425 := 1^2 + 1^8 + 7^2 + 13^1 + 19^2 = 12 + 18 + 72 + 131 + 192$$

$$425 := 1^2 + 2^8 + 5^2 + 11^2 + 22^1 = 12 + 28 + 52 + 112 + 221$$

$$425 := 1^3 + 1^5 + 3^4 + 18^1 + 18^2 = 13 + 15 + 34 + 181 + 182$$

$$425 := 1^3 + 1^5 + 4^4 + 12^2 + 23^1 = 13 + 15 + 44 + 122 + 231$$

$$425 := 1^3 + 1^7 + 7^2 + 13^1 + 19^2 = 13 + 17 + 72 + 131 + 192$$

$$425 := 1^4 + 1^4 + 3^4 + 18^1 + 18^2 = 14 + 14 + 34 + 181 + 182$$

$$425 := 1^4 + 1^4 + 4^4 + 12^2 + 23^1 = 14 + 14 + 44 + 122 + 231$$

$$425 := 1^4 + 1^6 + 7^2 + 13^1 + 19^2 = 14 + 16 + 72 + 131 + 192$$

$$425 := 1^4 + 2^6 + 4^2 + 7^3 + 27^0 = 14 + 26 + 42 + 73 + 270$$

$$425 := 1^4 + 2^8 + 3^0 + 12^2 + 23^1 = 14 + 28 + 30 + 122 + 231$$

$$425 := 1^5 + 1^5 + 7^2 + 13^1 + 19^2 = 15 + 15 + 72 + 131 + 192$$

$$425 := 1^5 + 2^4 + 4^3 + 7^3 + 27^0 = 15 + 24 + 43 + 73 + 270$$

$$425 := 1^5 + 2^5 + 4^2 + 15^1 + 19^2 = 15 + 25 + 42 + 151 + 192$$

$$425 := 1^5 + 2^6 + 7^3 + 15^0 + 16^1 = 15 + 26 + 73 + 150 + 161$$

$$425 := 1^5 + 2^7 + 6^1 + 15^0 + 17^2 = 15 + 27 + 61 + 150 + 172$$

$$425 := 1^5 + 3^3 + 3^3 + 7^3 + 27^1 = 15 + 33 + 33 + 73 + 271$$

$$425 := 1^5 + 3^5 + 4^2 + 12^2 + 21^1 = 15 + 35 + 42 + 122 + 211$$

$$425 := 1^5 + 3^5 + 9^2 + 9^2 + 19^1 = 15 + 35 + 92 + 92 + 191$$

$$425 := 1^5 + 4^2 + 4^4 + 5^3 + 27^1 = 15 + 42 + 44 + 53 + 271$$

$$425 := 1^5 + 4^3 + 4^4 + 9^2 + 23^1 = 15 + 43 + 44 + 92 + 231$$

$$425 := 1^6 + 2^3 + 7^2 + 7^3 + 24^1 = 16 + 23 + 72 + 73 + 241$$

$$425 := 1^6 + 2^4 + 7^3 + 8^2 + 23^0 = 16 + 24 + 73 + 82 + 230$$

$$425 := 1^6 + 3^3 + 5^3 + 16^1 + 16^2 = 16 + 33 + 53 + 161 + 162$$

$$425 := 1^6 + 3^5 + 6^2 + 12^2 + 19^0 = 16 + 35 + 62 + 122 + 190$$

$$425 := 1^6 + 4^4 + 7^2 + 10^2 + 19^1 = 16 + 44 + 72 + 102 + 191$$

$$425 := 1^7 + 2^1 + 3^4 + 17^1 + 18^2 = 17 + 21 + 34 + 171 + 182$$

$$425 := 1^7 + 2^1 + 4^4 + 12^2 + 22^1 = 17 + 21 + 44 + 122 + 221$$

$$425 := 1^7 + 2^3 + 9^2 + 11^1 + 18^2 = 17 + 23 + 92 + 111 + 182$$

$$425 := 1^7 + 3^1 + 3^4 + 16^1 + 18^2 = 17 + 31 + 34 + 161 + 182$$

$$425 := 1^7 + 3^1 + 4^4 + 12^2 + 21^1 = 17 + 31 + 44 + 122 + 211$$

$$425 := 1^7 + 3^2 + 7^2 + 7^3 + 23^1 = 17 + 32 + 72 + 73 + 231$$

$$425 := 1^7 + 3^4 + 4^1 + 15^1 + 18^2 = 17 + 34 + 41 + 151 + 182$$

$$425 := 1^7 + 3^4 + 5^1 + 14^1 + 18^2 = 17 + 34 + 51 + 141 + 182$$

$$425 := 1^7 + 3^4 + 6^1 + 13^1 + 18^2 = 17 + 34 + 61 + 131 + 182$$

$$425 := 1^7 + 3^4 + 7^1 + 12^1 + 18^2 = 17 + 34 + 71 + 121 + 182$$

$$425 := 1^7 + 3^4 + 8^1 + 11^1 + 18^2 = 17 + 34 + 81 + 111 + 182$$

$$425 := 1^7 + 3^4 + 9^1 + 10^1 + 18^2 = 17 + 34 + 91 + 101 + 182$$

$$425 := 1^7 + 3^5 + 11^1 + 13^0 + 13^2 = 17 + 35 + 111 + 130 + 132$$

$$425 := 1^7 + 4^1 + 4^4 + 12^2 + 20^1 = 17 + 41 + 44 + 122 + 201$$

$$425 := 1^7 + 4^2 + 4^3 + 7^3 + 25^0 = 17 + 42 + 43 + 73 + 250$$

$$425 := 1^7 + 4^4 + 10^1 + 12^2 + 14^1 = 17 + 44 + 101 + 122 + 141$$

$$425 := 1^7 + 4^4 + 11^1 + 12^2 + 13^1 = 17 + 44 + 111 + 122 + 131$$

$$425 := 1^7 + 4^4 + 12^1 + 12^1 + 12^2 = 17 + 44 + 121 + 121 + 122$$

$$425 := 1^7 + 4^4 + 5^1 + 12^2 + 19^1 = 17 + 44 + 51 + 122 + 191$$

$$425 := 1^7 + 4^4 + 6^1 + 12^2 + 18^1 = 17 + 44 + 61 + 122 + 181$$

$$425 := 1^7 + 4^4 + 7^1 + 12^2 + 17^1 = 17 + 44 + 71 + 122 + 171$$

$$425 := 1^7 + 4^4 + 8^1 + 12^2 + 16^1 = 17 + 44 + 81 + 122 + 161$$

$$425 := 1^7 + 4^4 + 9^1 + 12^2 + 15^1 = 17 + 44 + 91 + 122 + 151$$

$$425 := 1^7 + 5^3 + 11^1 + 12^2 + 12^2 = 17 + 53 + 111 + 122 + 122$$

$$\begin{aligned} 425 &:= 1^7 + 6^2 + 10^2 + 12^2 + 12^2 = 17 + 62 + 102 + 122 + 122 \\ 425 &:= 1^7 + 6^3 + 7^2 + 12^2 + 15^1 = 17 + 63 + 72 + 122 + 151 \\ 425 &:= 1^7 + 8^2 + 8^2 + 10^2 + 14^2 = 17 + 82 + 82 + 102 + 142 \\ 425 &:= 1^8 + 2^2 + 10^1 + 11^2 + 17^2 = 18 + 22 + 101 + 112 + 172 \\ 425 &:= 1^8 + 2^2 + 2^2 + 16^1 + 20^2 = 18 + 22 + 22 + 161 + 202 \\ 425 &:= 1^8 + 2^4 + 7^1 + 11^0 + 20^2 = 18 + 24 + 71 + 110 + 202 \\ 425 &:= 1^8 + 3^2 + 5^3 + 15^0 + 17^2 = 18 + 32 + 53 + 150 + 172 \\ 425 &:= 1^8 + 3^2 + 9^2 + 10^1 + 18^2 = 18 + 32 + 92 + 101 + 182 \\ 425 &:= 1^8 + 4^2 + 6^2 + 11^1 + 19^2 = 18 + 42 + 62 + 111 + 192 \\ 425 &:= 1^8 + 4^2 + 7^3 + 8^2 + 21^0 = 18 + 42 + 73 + 82 + 210 \\ 425 &:= 1^8 + 4^2 + 8^1 + 12^2 + 16^2 = 18 + 42 + 81 + 122 + 162 \\ 425 &:= 1^8 + 4^3 + 7^3 + 13^0 + 16^1 = 18 + 43 + 73 + 130 + 161 \\ 425 &:= 1^8 + 5^1 + 9^2 + 13^2 + 13^2 = 18 + 51 + 92 + 132 + 132 \\ 425 &:= 1^8 + 5^2 + 7^1 + 14^2 + 14^2 = 18 + 52 + 71 + 142 + 142 \\ 425 &:= 1^8 + 6^1 + 7^2 + 12^2 + 15^2 = 18 + 61 + 72 + 122 + 152 \\ 425 &:= 1^8 + 6^1 + 9^2 + 9^2 + 16^2 = 18 + 61 + 92 + 92 + 162 \\ 425 &:= 1^8 + 7^1 + 8^2 + 8^2 + 17^2 = 18 + 71 + 82 + 82 + 172 \\ 425 &:= 1^9 + 2^1 + 7^2 + 12^1 + 19^2 = 19 + 21 + 72 + 121 + 192 \\ 425 &:= 1^9 + 2^3 + 3^0 + 15^1 + 20^2 = 19 + 23 + 30 + 151 + 202 \\ 425 &:= 1^9 + 3^1 + 7^2 + 11^1 + 19^2 = 19 + 31 + 72 + 111 + 192 \\ 425 &:= 1^9 + 4^1 + 7^2 + 10^1 + 19^2 = 19 + 41 + 72 + 101 + 192 \\ 425 &:= 1^9 + 5^1 + 7^2 + 9^1 + 19^2 = 19 + 51 + 72 + 91 + 192 \\ 425 &:= 1^9 + 5^3 + 9^0 + 9^1 + 17^2 = 19 + 53 + 90 + 91 + 172 \\ 425 &:= 1^9 + 6^1 + 7^2 + 8^1 + 19^2 = 19 + 61 + 72 + 81 + 192 \\ 425 &:= 1^9 + 6^3 + 9^0 + 11^1 + 14^2 = 19 + 63 + 90 + 111 + 142 \\ 425 &:= 1^9 + 7^1 + 7^1 + 7^2 + 19^2 = 19 + 71 + 71 + 72 + 192 \\ 425 &:= 1^9 + 7^3 + 8^2 + 9^0 + 16^1 = 19 + 73 + 82 + 90 + 161 \\ 425 &:= 2^0 + 2^1 + 9^0 + 14^2 + 15^2 = 20 + 21 + 90 + 142 + 152 \\ 425 &:= 2^0 + 3^0 + 3^2 + 14^1 + 20^2 = 20 + 30 + 32 + 141 + 202 \\ 425 &:= 2^0 + 4^2 + 7^1 + 9^0 + 20^2 = 20 + 42 + 71 + 90 + 202 \\ 425 &:= 2^1 + 3^0 + 8^0 + 14^2 + 15^2 = 21 + 30 + 80 + 142 + 152 \\ 425 &:= 2^1 + 4^0 + 7^0 + 14^2 + 15^2 = 21 + 40 + 70 + 142 + 152 \\ 425 &:= 2^1 + 5^0 + 6^0 + 14^2 + 15^2 = 21 + 50 + 60 + 142 + 152 \\ 425 &:= 2^2 + 2^4 + 2^6 + 17^1 + 18^2 = 22 + 24 + 26 + 171 + 182 \\ 425 &:= 2^2 + 2^5 + 2^6 + 17^0 + 18^2 = 22 + 25 + 26 + 170 + 182 \\ 425 &:= 2^2 + 2^7 + 4^4 + 6^2 + 27^0 = 22 + 27 + 44 + 62 + 270 \\ 425 &:= 2^2 + 2^8 + 4^3 + 10^2 + 23^0 = 22 + 28 + 43 + 102 + 230 \\ 425 &:= 2^2 + 2^8 + 8^2 + 9^2 + 20^1 = 22 + 28 + 82 + 92 + 201 \end{aligned}$$

$$\begin{aligned} 425 &:= 2^3 + 2^7 + 4^2 + 16^2 + 17^1 = 23 + 27 + 42 + 162 + 171 \\ 425 &:= 2^3 + 2^7 + 7^2 + 15^1 + 15^2 = 23 + 27 + 72 + 151 + 152 \\ 425 &:= 2^3 + 2^8 + 4^2 + 12^2 + 21^0 = 23 + 28 + 42 + 122 + 210 \\ 425 &:= 2^4 + 2^4 + 2^4 + 16^1 + 19^2 = 24 + 24 + 24 + 161 + 192 \\ 425 &:= 2^4 + 2^8 + 8^1 + 12^2 + 17^0 = 24 + 28 + 81 + 122 + 170 \\ 425 &:= 2^5 + 2^5 + 6^3 + 12^2 + 19^0 = 25 + 25 + 63 + 122 + 190 \\ 425 &:= 2^5 + 2^7 + 8^1 + 13^0 + 16^2 = 25 + 27 + 81 + 130 + 162 \\ 425 &:= 2^5 + 3^3 + 5^3 + 6^3 + 25^1 = 25 + 33 + 53 + 63 + 251 \\ 425 &:= 2^5 + 3^4 + 5^3 + 13^2 + 18^1 = 25 + 34 + 53 + 132 + 181 \\ 425 &:= 2^5 + 3^5 + 7^2 + 9^2 + 20^1 = 25 + 35 + 72 + 92 + 201 \\ 425 &:= 2^5 + 4^3 + 4^4 + 7^2 + 24^1 = 25 + 43 + 44 + 72 + 241 \\ 425 &:= 2^6 + 2^6 + 7^1 + 13^0 + 17^2 = 26 + 26 + 71 + 130 + 172 \\ 425 &:= 2^6 + 3^4 + 4^4 + 9^0 + 23^1 = 26 + 34 + 44 + 90 + 231 \\ 425 &:= 2^6 + 3^5 + 6^2 + 9^2 + 21^0 = 26 + 35 + 62 + 92 + 210 \\ 425 &:= 2^7 + 3^2 + 4^4 + 10^1 + 22^1 = 27 + 32 + 44 + 101 + 221 \\ 425 &:= 2^7 + 3^2 + 4^4 + 11^1 + 21^1 = 27 + 32 + 44 + 111 + 211 \\ 425 &:= 2^7 + 3^2 + 4^4 + 12^1 + 20^1 = 27 + 32 + 44 + 121 + 201 \\ 425 &:= 2^7 + 3^2 + 4^4 + 13^1 + 19^1 = 27 + 32 + 44 + 131 + 191 \\ 425 &:= 2^7 + 3^2 + 4^4 + 14^1 + 18^1 = 27 + 32 + 44 + 141 + 181 \\ 425 &:= 2^7 + 3^2 + 4^4 + 15^1 + 17^1 = 27 + 32 + 44 + 151 + 171 \\ 425 &:= 2^7 + 3^2 + 4^4 + 16^1 + 16^1 = 27 + 32 + 44 + 161 + 161 \\ 425 &:= 2^7 + 3^2 + 4^4 + 5^1 + 27^1 = 27 + 32 + 44 + 51 + 271 \\ 425 &:= 2^7 + 3^2 + 4^4 + 6^1 + 26^1 = 27 + 32 + 44 + 61 + 261 \\ 425 &:= 2^7 + 3^2 + 4^4 + 7^1 + 25^1 = 27 + 32 + 44 + 71 + 251 \\ 425 &:= 2^7 + 3^2 + 4^4 + 8^1 + 24^1 = 27 + 32 + 44 + 81 + 241 \\ 425 &:= 2^7 + 3^2 + 4^4 + 9^1 + 23^1 = 27 + 32 + 44 + 91 + 231 \\ 425 &:= 2^7 + 3^2 + 5^3 + 12^2 + 19^1 = 27 + 32 + 53 + 122 + 191 \\ 425 &:= 2^7 + 3^2 + 6^3 + 7^2 + 23^1 = 27 + 32 + 63 + 72 + 231 \\ 425 &:= 2^7 + 3^3 + 4^4 + 13^1 + 19^0 = 27 + 33 + 44 + 131 + 190 \\ 425 &:= 2^7 + 3^3 + 5^3 + 12^2 + 19^0 = 27 + 33 + 53 + 122 + 190 \\ 425 &:= 2^7 + 3^5 + 4^1 + 7^2 + 25^0 = 27 + 35 + 41 + 72 + 250 \\ 425 &:= 2^7 + 3^5 + 6^2 + 13^0 + 17^1 = 27 + 35 + 62 + 130 + 171 \\ 425 &:= 2^7 + 4^2 + 4^3 + 6^3 + 25^0 = 27 + 42 + 43 + 63 + 250 \\ 425 &:= 2^7 + 4^3 + 7^2 + 13^2 + 15^1 = 27 + 43 + 72 + 132 + 151 \\ 425 &:= 2^8 + 3^3 + 5^3 + 15^0 + 16^1 = 28 + 33 + 53 + 150 + 161 \\ 425 &:= 2^8 + 3^4 + 5^0 + 8^2 + 23^1 = 28 + 34 + 50 + 82 + 231 \\ 425 &:= 2^8 + 3^4 + 6^1 + 9^2 + 21^0 = 28 + 34 + 61 + 92 + 210 \\ 425 &:= 2^8 + 5^2 + 5^2 + 10^2 + 19^1 = 28 + 52 + 52 + 102 + 191 \end{aligned}$$

$$\begin{aligned}
 425 &:= 3^0 + 4^2 + 7^1 + 8^0 + 20^2 = 30 + 42 + 71 + 80 + 202 \\
 425 &:= 3^3 + 3^4 + 3^5 + 7^2 + 25^1 = 33 + 34 + 35 + 72 + 251 \\
 425 &:= 3^3 + 3^5 + 4^3 + 4^3 + 27^1 = 33 + 35 + 43 + 43 + 271
 \end{aligned}$$

$$\begin{aligned}
 425 &:= 4^0 + 4^2 + 7^0 + 7^1 + 20^2 = 40 + 42 + 70 + 71 + 202 \\
 425 &:= 4^2 + 5^0 + 6^0 + 7^1 + 20^2 = 42 + 50 + 60 + 71 + 202
 \end{aligned}$$

2.2.327 Number 426

$$\begin{aligned}
 426 &:= 4^4 + 13^2 + 25^0 = 44 + 132 + 250 \\
 426 &:= 1^1 + 7^2 + 15^1 + 19^2 = 11 + 72 + 151 + 192 \\
 426 &:= 1^1 + 7^3 + 9^2 + 25^0 = 11 + 73 + 92 + 250 \\
 426 &:= 1^2 + 10^2 + 13^0 + 18^2 = 12 + 102 + 130 + 182 \\
 426 &:= 1^9 + 3^4 + 7^3 + 30^0 = 19 + 34 + 73 + 300 \\
 426 &:= 2^1 + 7^2 + 14^1 + 19^2 = 21 + 72 + 141 + 192 \\
 426 &:= 2^2 + 11^0 + 14^2 + 15^2 = 22 + 110 + 142 + 152 \\
 426 &:= 2^3 + 3^0 + 17^1 + 20^2 = 23 + 30 + 171 + 202 \\
 426 &:= 2^7 + 2^7 + 13^2 + 24^0 = 27 + 27 + 132 + 240 \\
 426 &:= 3^1 + 7^2 + 13^1 + 19^2 = 31 + 72 + 131 + 192 \\
 426 &:= 3^2 + 4^2 + 15^0 + 20^2 = 32 + 42 + 150 + 202 \\
 426 &:= 4^1 + 7^2 + 12^1 + 19^2 = 41 + 72 + 121 + 192 \\
 426 &:= 5^1 + 7^2 + 11^1 + 19^2 = 51 + 72 + 111 + 192 \\
 426 &:= 5^2 + 9^0 + 12^2 + 16^2 = 52 + 90 + 122 + 162 \\
 426 &:= 5^3 + 9^0 + 11^1 + 17^2 = 53 + 90 + 111 + 172 \\
 426 &:= 6^1 + 7^2 + 10^1 + 19^2 = 61 + 72 + 101 + 192 \\
 426 &:= 6^2 + 9^0 + 10^2 + 17^2 = 62 + 90 + 102 + 172 \\
 426 &:= 6^3 + 9^0 + 13^1 + 14^2 = 63 + 90 + 131 + 142 \\
 426 &:= 7^0 + 10^2 + 10^2 + 15^2 = 70 + 102 + 102 + 152 \\
 426 &:= 7^1 + 7^2 + 9^1 + 19^2 = 71 + 72 + 91 + 192 \\
 426 &:= 7^2 + 8^1 + 8^1 + 19^2 = 72 + 81 + 81 + 192 \\
 426 &:= 7^3 + 8^2 + 9^0 + 18^1 = 73 + 82 + 90 + 181 \\
 426 &:= 1^0 + 1^1 + 7^2 + 14^1 + 19^2 = 10 + 11 + 72 + 141 + 192 \\
 426 &:= 1^0 + 2^1 + 7^2 + 13^1 + 19^2 = 10 + 21 + 72 + 131 + 192 \\
 426 &:= 1^0 + 2^3 + 3^0 + 16^1 + 20^2 = 10 + 23 + 30 + 161 + 202 \\
 426 &:= 1^0 + 3^1 + 7^2 + 12^1 + 19^2 = 10 + 31 + 72 + 121 + 192 \\
 426 &:= 1^0 + 4^1 + 7^2 + 11^1 + 19^2 = 10 + 41 + 72 + 111 + 192 \\
 426 &:= 1^0 + 5^1 + 7^2 + 10^1 + 19^2 = 10 + 51 + 72 + 101 + 192 \\
 426 &:= 1^0 + 5^3 + 9^0 + 10^1 + 17^2 = 10 + 53 + 90 + 101 + 172 \\
 426 &:= 1^0 + 6^1 + 7^2 + 9^1 + 19^2 = 10 + 61 + 72 + 91 + 192 \\
 426 &:= 1^0 + 6^2 + 8^2 + 9^0 + 18^2 = 10 + 62 + 82 + 90 + 182 \\
 426 &:= 1^0 + 6^3 + 9^0 + 12^1 + 14^2 = 10 + 63 + 90 + 121 + 142
 \end{aligned}$$

$$\begin{aligned}
 426 &:= 1^0 + 7^1 + 7^2 + 8^1 + 19^2 = 10 + 71 + 72 + 81 + 192 \\
 426 &:= 1^0 + 7^3 + 8^2 + 9^0 + 17^1 = 10 + 73 + 82 + 90 + 171 \\
 426 &:= 1^1 + 3^0 + 3^2 + 15^1 + 20^2 = 11 + 30 + 32 + 151 + 202 \\
 426 &:= 1^1 + 3^1 + 9^0 + 14^2 + 15^2 = 11 + 31 + 90 + 142 + 152 \\
 426 &:= 1^1 + 4^2 + 8^1 + 9^0 + 20^2 = 11 + 42 + 81 + 90 + 202 \\
 426 &:= 1^5 + 2^0 + 2^8 + 12^2 + 24^1 = 15 + 20 + 28 + 122 + 241 \\
 426 &:= 1^5 + 2^6 + 6^3 + 12^2 + 20^0 = 15 + 26 + 63 + 122 + 200 \\
 426 &:= 1^5 + 2^7 + 10^2 + 14^0 + 14^2 = 15 + 27 + 102 + 140 + 142 \\
 426 &:= 1^5 + 3^4 + 3^5 + 10^2 + 24^0 = 15 + 34 + 35 + 102 + 240 \\
 426 &:= 1^6 + 1^9 + 2^8 + 12^2 + 24^1 = 16 + 19 + 28 + 122 + 241 \\
 426 &:= 1^6 + 2^5 + 7^2 + 7^3 + 24^0 = 16 + 25 + 72 + 73 + 240 \\
 426 &:= 1^6 + 2^6 + 6^2 + 14^0 + 18^2 = 16 + 26 + 62 + 140 + 182 \\
 426 &:= 1^6 + 2^6 + 7^3 + 14^0 + 17^1 = 16 + 26 + 73 + 140 + 171 \\
 426 &:= 1^6 + 2^7 + 7^1 + 14^0 + 17^2 = 16 + 27 + 71 + 140 + 172 \\
 426 &:= 1^7 + 1^8 + 2^8 + 12^2 + 24^1 = 17 + 18 + 28 + 122 + 241 \\
 426 &:= 1^7 + 2^3 + 2^4 + 16^0 + 20^2 = 17 + 23 + 24 + 160 + 202 \\
 426 &:= 1^7 + 2^5 + 10^0 + 14^2 + 14^2 = 17 + 25 + 100 + 142 + 142 \\
 426 &:= 1^7 + 3^5 + 9^2 + 10^2 + 18^0 = 17 + 35 + 92 + 102 + 180 \\
 426 &:= 1^8 + 3^5 + 12^0 + 12^1 + 13^2 = 18 + 35 + 120 + 121 + 132 \\
 426 &:= 1^8 + 4^3 + 6^3 + 12^2 + 18^0 = 18 + 43 + 63 + 122 + 180 \\
 426 &:= 1^9 + 2^3 + 4^2 + 14^0 + 20^2 = 19 + 23 + 42 + 140 + 202 \\
 426 &:= 1^9 + 2^4 + 8^1 + 10^0 + 20^2 = 19 + 24 + 81 + 100 + 202 \\
 426 &:= 1^9 + 3^3 + 6^2 + 12^0 + 19^2 = 19 + 33 + 62 + 120 + 192 \\
 426 &:= 1^9 + 4^3 + 6^2 + 12^0 + 18^2 = 19 + 43 + 62 + 120 + 182 \\
 426 &:= 1^9 + 4^3 + 7^3 + 12^0 + 17^1 = 19 + 43 + 73 + 120 + 171 \\
 426 &:= 1^9 + 6^3 + 8^2 + 12^2 + 14^0 = 19 + 63 + 82 + 122 + 140 \\
 426 &:= 2^0 + 2^0 + 2^3 + 16^1 + 20^2 = 20 + 20 + 23 + 161 + 202 \\
 426 &:= 2^0 + 5^3 + 8^0 + 10^1 + 17^2 = 20 + 53 + 80 + 101 + 172 \\
 426 &:= 2^0 + 6^2 + 8^0 + 8^2 + 18^2 = 20 + 62 + 80 + 82 + 182 \\
 426 &:= 2^0 + 6^3 + 8^0 + 12^1 + 14^2 = 20 + 63 + 80 + 121 + 142 \\
 426 &:= 2^0 + 7^3 + 8^0 + 8^2 + 17^1 = 20 + 73 + 80 + 82 + 171 \\
 426 &:= 2^1 + 2^1 + 9^0 + 14^2 + 15^2 = 21 + 21 + 90 + 142 + 152
 \end{aligned}$$

$$\begin{aligned}
 426 &:= 2^1 + 3^0 + 3^2 + 14^1 + 20^2 = 21 + 30 + 32 + 141 + 202 \\
 426 &:= 2^1 + 4^2 + 7^1 + 9^0 + 20^2 = 21 + 42 + 71 + 90 + 202 \\
 426 &:= 2^3 + 2^8 + 5^3 + 6^2 + 26^0 = 23 + 28 + 53 + 62 + 260 \\
 426 &:= 2^4 + 2^7 + 4^4 + 8^0 + 25^1 = 24 + 27 + 44 + 80 + 251 \\
 426 &:= 2^4 + 2^8 + 3^2 + 12^2 + 22^0 = 24 + 28 + 32 + 122 + 220 \\
 426 &:= 2^5 + 2^7 + 11^2 + 12^2 + 14^0 = 25 + 27 + 112 + 122 + 140 \\
 426 &:= 2^5 + 2^7 + 3^2 + 16^2 + 18^0 = 25 + 27 + 32 + 162 + 180 \\
 426 &:= 2^5 + 2^8 + 10^0 + 11^2 + 16^1 = 25 + 28 + 100 + 112 + 161 \\
 426 &:= 2^6 + 2^7 + 8^1 + 14^0 + 15^2 = 26 + 27 + 81 + 140 + 152 \\
 426 &:= 2^6 + 3^4 + 4^3 + 6^3 + 26^0 = 26 + 34 + 43 + 63 + 260 \\
 426 &:= 2^7 + 3^3 + 3^5 + 6^0 + 27^1 = 27 + 33 + 35 + 60 + 271 \\
 426 &:= 2^8 + 3^4 + 4^3 + 8^0 + 24^1 = 28 + 34 + 43 + 80 + 241 \\
 426 &:= 3^0 + 3^1 + 3^2 + 13^1 + 20^2 = 30 + 31 + 32 + 131 + 202 \\
 426 &:= 3^0 + 3^2 + 4^1 + 12^1 + 20^2 = 30 + 32 + 41 + 121 + 202 \\
 426 &:= 3^0 + 3^2 + 5^1 + 11^1 + 20^2 = 30 + 32 + 51 + 111 + 202 \\
 426 &:= 3^0 + 3^2 + 6^1 + 10^1 + 20^2 = 30 + 32 + 61 + 101 + 202 \\
 426 &:= 3^0 + 3^2 + 7^1 + 9^1 + 20^2 = 30 + 32 + 71 + 91 + 202
 \end{aligned}$$

$$\begin{aligned}
 426 &:= 3^0 + 3^2 + 8^1 + 8^1 + 20^2 = 30 + 32 + 81 + 81 + 202 \\
 426 &:= 3^0 + 5^3 + 7^0 + 10^1 + 17^2 = 30 + 53 + 70 + 101 + 172 \\
 426 &:= 3^0 + 6^2 + 7^0 + 8^2 + 18^2 = 30 + 62 + 70 + 82 + 182 \\
 426 &:= 3^0 + 6^3 + 7^0 + 12^1 + 14^2 = 30 + 63 + 70 + 121 + 142 \\
 426 &:= 3^0 + 7^0 + 7^3 + 8^2 + 17^1 = 30 + 70 + 73 + 82 + 171 \\
 426 &:= 3^1 + 4^2 + 6^1 + 9^0 + 20^2 = 31 + 42 + 61 + 90 + 202 \\
 426 &:= 4^0 + 5^3 + 6^0 + 10^1 + 17^2 = 40 + 53 + 60 + 101 + 172 \\
 426 &:= 4^0 + 6^0 + 6^2 + 8^2 + 18^2 = 40 + 60 + 62 + 82 + 182 \\
 426 &:= 4^0 + 6^0 + 6^3 + 12^1 + 14^2 = 40 + 60 + 63 + 121 + 142 \\
 426 &:= 4^0 + 6^0 + 7^3 + 8^2 + 17^1 = 40 + 60 + 73 + 82 + 171 \\
 426 &:= 4^1 + 4^2 + 5^1 + 9^0 + 20^2 = 41 + 42 + 51 + 90 + 202 \\
 426 &:= 5^0 + 5^0 + 5^3 + 10^1 + 17^2 = 50 + 50 + 53 + 101 + 172 \\
 426 &:= 5^0 + 5^0 + 6^2 + 8^2 + 18^2 = 50 + 50 + 62 + 82 + 182 \\
 426 &:= 5^0 + 5^0 + 6^3 + 12^1 + 14^2 = 50 + 50 + 63 + 121 + 142 \\
 426 &:= 5^0 + 5^0 + 7^3 + 8^2 + 17^1 = 50 + 50 + 73 + 82 + 171
 \end{aligned}$$

2.2.328 Number 427

$$\begin{aligned}
 427 &:= 1^1 + 4^4 + 13^2 + 24^0 = 11 + 44 + 132 + 240 \\
 427 &:= 1^2 + 4^3 + 18^0 + 19^2 = 12 + 43 + 180 + 192 \\
 427 &:= 1^3 + 12^0 + 13^2 + 16^2 = 13 + 120 + 132 + 162 \\
 427 &:= 1^3 + 5^2 + 16^0 + 20^2 = 13 + 52 + 160 + 202 \\
 427 &:= 1^3 + 8^2 + 14^0 + 19^2 = 13 + 82 + 140 + 192 \\
 427 &:= 1^6 + 2^8 + 12^2 + 26^1 = 16 + 28 + 122 + 261 \\
 427 &:= 1^7 + 2^8 + 13^2 + 25^0 = 17 + 28 + 132 + 250 \\
 427 &:= 1^9 + 2^6 + 19^0 + 19^2 = 19 + 26 + 190 + 192 \\
 427 &:= 2^4 + 10^0 + 10^1 + 20^2 = 24 + 100 + 101 + 202 \\
 427 &:= 4^3 + 7^3 + 12^0 + 19^1 = 43 + 73 + 120 + 191 \\
 427 &:= 1^0 + 1^2 + 7^3 + 9^2 + 24^0 = 10 + 12 + 73 + 92 + 240 \\
 427 &:= 1^0 + 1^3 + 10^2 + 12^0 + 18^2 = 10 + 13 + 102 + 120 + 182 \\
 427 &:= 1^0 + 1^6 + 2^8 + 12^2 + 25^1 = 10 + 16 + 28 + 122 + 251 \\
 427 &:= 1^0 + 2^4 + 9^1 + 10^0 + 20^2 = 10 + 24 + 91 + 100 + 202 \\
 427 &:= 1^0 + 3^4 + 4^0 + 7^3 + 27^0 = 10 + 34 + 40 + 73 + 270 \\
 427 &:= 1^0 + 3^4 + 5^0 + 7^3 + 26^0 = 10 + 34 + 50 + 73 + 260 \\
 427 &:= 1^0 + 3^4 + 6^0 + 7^3 + 25^0 = 10 + 34 + 60 + 73 + 250 \\
 427 &:= 1^0 + 3^4 + 7^0 + 7^3 + 24^0 = 10 + 34 + 70 + 73 + 240 \\
 427 &:= 1^0 + 3^4 + 7^3 + 10^0 + 21^0 = 10 + 34 + 73 + 100 + 210
 \end{aligned}$$

$$\begin{aligned}
 427 &:= 1^0 + 3^4 + 7^3 + 11^0 + 20^0 = 10 + 34 + 73 + 110 + 200 \\
 427 &:= 1^0 + 3^4 + 7^3 + 12^0 + 19^0 = 10 + 34 + 73 + 120 + 190 \\
 427 &:= 1^0 + 3^4 + 7^3 + 13^0 + 18^0 = 10 + 34 + 73 + 130 + 180 \\
 427 &:= 1^0 + 3^4 + 7^3 + 14^0 + 17^0 = 10 + 34 + 73 + 140 + 170 \\
 427 &:= 1^0 + 3^4 + 7^3 + 15^0 + 16^0 = 10 + 34 + 73 + 150 + 160 \\
 427 &:= 1^0 + 3^4 + 7^3 + 8^0 + 23^0 = 10 + 34 + 73 + 80 + 230 \\
 427 &:= 1^0 + 3^4 + 7^3 + 9^0 + 22^0 = 10 + 34 + 73 + 90 + 220 \\
 427 &:= 1^0 + 4^3 + 7^3 + 12^0 + 18^1 = 10 + 43 + 73 + 120 + 181 \\
 427 &:= 1^1 + 1^1 + 7^3 + 9^2 + 24^0 = 11 + 11 + 73 + 92 + 240 \\
 427 &:= 1^1 + 1^2 + 10^2 + 12^0 + 18^2 = 11 + 12 + 102 + 120 + 182 \\
 427 &:= 1^1 + 1^5 + 2^8 + 12^2 + 25^1 = 11 + 15 + 28 + 122 + 251 \\
 427 &:= 1^1 + 2^0 + 2^3 + 17^1 + 20^2 = 11 + 20 + 23 + 171 + 202 \\
 427 &:= 1^1 + 2^2 + 10^0 + 14^2 + 15^2 = 11 + 22 + 100 + 142 + 152 \\
 427 &:= 1^1 + 2^7 + 2^7 + 13^2 + 23^0 = 11 + 27 + 27 + 132 + 230 \\
 427 &:= 1^1 + 3^2 + 4^2 + 14^0 + 20^2 = 11 + 32 + 42 + 140 + 202 \\
 427 &:= 1^1 + 5^2 + 8^0 + 12^2 + 16^2 = 11 + 52 + 80 + 122 + 162 \\
 427 &:= 1^1 + 5^3 + 8^0 + 11^1 + 17^2 = 11 + 53 + 80 + 111 + 172 \\
 427 &:= 1^1 + 6^0 + 10^2 + 10^2 + 15^2 = 11 + 60 + 102 + 102 + 152 \\
 427 &:= 1^1 + 6^2 + 8^0 + 10^2 + 17^2 = 11 + 62 + 80 + 102 + 172
 \end{aligned}$$

$$\begin{aligned} 427 &:= 1^1 + 6^3 + 8^0 + 13^1 + 14^2 = 11 + 63 + 80 + 131 + 142 \\ 427 &:= 1^1 + 7^3 + 8^0 + 8^2 + 18^1 = 11 + 73 + 80 + 82 + 181 \\ 427 &:= 1^2 + 1^4 + 2^8 + 12^2 + 25^1 = 12 + 14 + 28 + 122 + 251 \\ 427 &:= 1^2 + 1^9 + 2^3 + 17^1 + 20^2 = 12 + 19 + 23 + 171 + 202 \\ 427 &:= 1^2 + 2^0 + 3^2 + 16^1 + 20^2 = 12 + 20 + 32 + 161 + 202 \\ 427 &:= 1^2 + 2^0 + 7^3 + 9^2 + 23^0 = 12 + 20 + 73 + 92 + 230 \\ 427 &:= 1^2 + 3^0 + 7^3 + 9^2 + 22^0 = 12 + 30 + 73 + 92 + 220 \\ 427 &:= 1^2 + 4^0 + 7^3 + 9^2 + 21^0 = 12 + 40 + 73 + 92 + 210 \\ 427 &:= 1^2 + 4^1 + 8^0 + 14^2 + 15^2 = 12 + 41 + 80 + 142 + 152 \\ 427 &:= 1^2 + 4^2 + 8^0 + 9^1 + 20^2 = 12 + 42 + 80 + 91 + 202 \\ 427 &:= 1^2 + 5^0 + 7^3 + 9^2 + 20^0 = 12 + 50 + 73 + 92 + 200 \\ 427 &:= 1^2 + 6^0 + 7^3 + 9^2 + 19^0 = 12 + 60 + 73 + 92 + 190 \\ 427 &:= 1^2 + 7^0 + 7^3 + 9^2 + 18^0 = 12 + 70 + 73 + 92 + 180 \\ 427 &:= 1^2 + 7^3 + 8^0 + 9^2 + 17^0 = 12 + 73 + 80 + 92 + 170 \\ 427 &:= 1^2 + 7^3 + 9^0 + 9^2 + 16^0 = 12 + 73 + 90 + 92 + 160 \\ 427 &:= 1^2 + 7^3 + 9^2 + 10^0 + 15^0 = 12 + 73 + 92 + 100 + 150 \\ 427 &:= 1^2 + 7^3 + 9^2 + 11^0 + 14^0 = 12 + 73 + 92 + 110 + 140 \\ 427 &:= 1^2 + 7^3 + 9^2 + 12^0 + 13^0 = 12 + 73 + 92 + 120 + 130 \\ 427 &:= 1^3 + 1^3 + 2^8 + 12^2 + 25^1 = 13 + 13 + 28 + 122 + 251 \\ 427 &:= 1^3 + 1^8 + 2^3 + 17^1 + 20^2 = 13 + 18 + 23 + 171 + 202 \\ 427 &:= 1^3 + 1^9 + 3^2 + 16^1 + 20^2 = 13 + 19 + 32 + 161 + 202 \\ 427 &:= 1^3 + 1^9 + 7^3 + 9^2 + 23^0 = 13 + 19 + 73 + 92 + 230 \\ 427 &:= 1^3 + 2^0 + 10^2 + 11^0 + 18^2 = 13 + 20 + 102 + 110 + 182 \\ 427 &:= 1^3 + 2^7 + 3^4 + 14^2 + 21^1 = 13 + 27 + 34 + 142 + 211 \\ 427 &:= 1^3 + 2^8 + 4^3 + 9^2 + 25^1 = 13 + 28 + 43 + 92 + 251 \\ 427 &:= 1^3 + 3^0 + 10^0 + 10^2 + 18^2 = 13 + 30 + 100 + 102 + 182 \\ 427 &:= 1^3 + 4^0 + 9^0 + 10^2 + 18^2 = 13 + 40 + 90 + 102 + 182 \\ 427 &:= 1^3 + 5^0 + 8^0 + 10^2 + 18^2 = 13 + 50 + 80 + 102 + 182 \\ 427 &:= 1^3 + 6^0 + 7^0 + 10^2 + 18^2 = 13 + 60 + 70 + 102 + 182 \\ 427 &:= 1^4 + 1^7 + 2^3 + 17^1 + 20^2 = 14 + 17 + 23 + 171 + 202 \\ 427 &:= 1^4 + 1^8 + 3^2 + 16^1 + 20^2 = 14 + 18 + 32 + 161 + 202 \\ 427 &:= 1^4 + 1^8 + 7^3 + 9^2 + 23^0 = 14 + 18 + 73 + 92 + 230 \\ 427 &:= 1^4 + 1^9 + 10^2 + 11^0 + 18^2 = 14 + 19 + 102 + 110 + 182 \\ 427 &:= 1^4 + 2^6 + 4^4 + 9^2 + 25^1 = 14 + 26 + 44 + 92 + 251 \\ 427 &:= 1^4 + 2^8 + 7^2 + 10^2 + 21^1 = 14 + 28 + 72 + 102 + 211 \\ 427 &:= 1^5 + 1^6 + 2^3 + 17^1 + 20^2 = 15 + 16 + 23 + 171 + 202 \\ 427 &:= 1^5 + 1^7 + 3^2 + 16^1 + 20^2 = 15 + 17 + 32 + 161 + 202 \\ 427 &:= 1^5 + 1^7 + 7^3 + 9^2 + 23^0 = 15 + 17 + 73 + 92 + 230 \end{aligned}$$

$$\begin{aligned} 427 &:= 1^5 + 1^8 + 10^2 + 11^0 + 18^2 = 15 + 18 + 102 + 110 + 182 \\ 427 &:= 1^5 + 2^1 + 2^8 + 12^2 + 24^1 = 15 + 21 + 28 + 122 + 241 \\ 427 &:= 1^5 + 2^3 + 2^7 + 17^2 + 19^0 = 15 + 23 + 27 + 172 + 190 \\ 427 &:= 1^5 + 2^4 + 2^5 + 17^1 + 19^2 = 15 + 24 + 25 + 171 + 192 \\ 427 &:= 1^5 + 2^4 + 3^5 + 12^2 + 23^1 = 15 + 24 + 35 + 122 + 231 \\ 427 &:= 1^5 + 2^5 + 2^5 + 17^0 + 19^2 = 15 + 25 + 25 + 170 + 192 \\ 427 &:= 1^5 + 2^7 + 5^2 + 16^2 + 17^1 = 15 + 27 + 52 + 162 + 171 \\ 427 &:= 1^5 + 2^7 + 6^3 + 9^2 + 23^0 = 15 + 27 + 63 + 92 + 230 \\ 427 &:= 1^5 + 2^8 + 10^1 + 12^2 + 16^1 = 15 + 28 + 101 + 122 + 161 \\ 427 &:= 1^5 + 2^8 + 11^1 + 12^2 + 15^1 = 15 + 28 + 111 + 122 + 151 \\ 427 &:= 1^5 + 2^8 + 12^1 + 12^2 + 14^1 = 15 + 28 + 121 + 122 + 141 \\ 427 &:= 1^5 + 2^8 + 12^2 + 13^1 + 13^1 = 15 + 28 + 122 + 131 + 131 \\ 427 &:= 1^5 + 2^8 + 3^1 + 12^2 + 23^1 = 15 + 28 + 31 + 122 + 231 \\ 427 &:= 1^5 + 2^8 + 4^1 + 12^2 + 22^1 = 15 + 28 + 41 + 122 + 221 \\ 427 &:= 1^5 + 2^8 + 5^1 + 12^2 + 21^1 = 15 + 28 + 51 + 122 + 211 \\ 427 &:= 1^5 + 2^8 + 5^2 + 12^2 + 21^0 = 15 + 28 + 52 + 122 + 210 \\ 427 &:= 1^5 + 2^8 + 6^1 + 12^2 + 20^1 = 15 + 28 + 61 + 122 + 201 \\ 427 &:= 1^5 + 2^8 + 7^1 + 12^2 + 19^1 = 15 + 28 + 71 + 122 + 191 \\ 427 &:= 1^5 + 2^8 + 8^1 + 12^2 + 18^1 = 15 + 28 + 81 + 122 + 181 \\ 427 &:= 1^5 + 2^8 + 9^1 + 12^2 + 17^1 = 15 + 28 + 91 + 122 + 171 \\ 427 &:= 1^6 + 1^6 + 3^2 + 16^1 + 20^2 = 16 + 16 + 32 + 161 + 202 \\ 427 &:= 1^6 + 1^6 + 7^3 + 9^2 + 23^0 = 16 + 16 + 73 + 92 + 230 \\ 427 &:= 1^6 + 1^7 + 10^2 + 11^0 + 18^2 = 16 + 17 + 102 + 110 + 182 \\ 427 &:= 1^6 + 2^5 + 5^2 + 7^3 + 26^1 = 16 + 25 + 52 + 73 + 261 \\ 427 &:= 1^6 + 3^4 + 4^4 + 8^2 + 25^1 = 16 + 34 + 44 + 82 + 251 \\ 427 &:= 1^7 + 2^6 + 7^3 + 13^0 + 18^1 = 17 + 26 + 73 + 130 + 181 \\ 427 &:= 1^7 + 2^7 + 8^1 + 13^0 + 17^2 = 17 + 27 + 81 + 130 + 172 \\ 427 &:= 1^7 + 3^3 + 4^4 + 11^2 + 22^1 = 17 + 33 + 44 + 112 + 221 \\ 427 &:= 1^7 + 3^5 + 8^2 + 10^2 + 19^1 = 17 + 35 + 82 + 102 + 191 \\ 427 &:= 1^8 + 2^2 + 3^4 + 17^1 + 18^2 = 18 + 22 + 34 + 171 + 182 \\ 427 &:= 1^8 + 2^2 + 4^4 + 12^2 + 22^1 = 18 + 22 + 44 + 122 + 221 \\ 427 &:= 1^8 + 2^4 + 10^1 + 12^2 + 16^2 = 18 + 24 + 101 + 122 + 162 \\ 427 &:= 1^8 + 2^4 + 6^2 + 13^1 + 19^2 = 18 + 24 + 62 + 131 + 192 \\ 427 &:= 1^8 + 5^3 + 6^3 + 8^2 + 21^1 = 18 + 53 + 63 + 82 + 211 \\ 427 &:= 1^9 + 2^4 + 3^2 + 15^0 + 20^2 = 19 + 24 + 32 + 150 + 202 \\ 427 &:= 1^9 + 3^3 + 10^1 + 10^2 + 17^2 = 19 + 33 + 101 + 102 + 172 \\ 427 &:= 1^9 + 3^3 + 5^2 + 13^1 + 19^2 = 19 + 33 + 52 + 131 + 192 \\ 427 &:= 1^9 + 3^3 + 8^2 + 11^1 + 18^2 = 19 + 33 + 82 + 111 + 182 \end{aligned}$$

$$\begin{aligned} 427 &:= 1^9 + 3^5 + 11^0 + 13^1 + 13^2 = 19 + 35 + 110 + 131 + 132 \\ 427 &:= 1^9 + 4^3 + 5^2 + 13^1 + 18^2 = 19 + 43 + 52 + 131 + 182 \\ 427 &:= 1^9 + 4^4 + 5^2 + 12^2 + 19^0 = 19 + 44 + 52 + 122 + 190 \\ 427 &:= 1^9 + 5^2 + 6^2 + 7^3 + 22^1 = 19 + 52 + 62 + 73 + 221 \\ 427 &:= 1^9 + 5^2 + 6^3 + 13^2 + 16^1 = 19 + 52 + 63 + 132 + 161 \\ 427 &:= 1^9 + 5^3 + 11^1 + 11^2 + 13^2 = 19 + 53 + 111 + 112 + 132 \\ 427 &:= 1^9 + 5^3 + 8^2 + 12^1 + 15^2 = 19 + 53 + 82 + 121 + 152 \\ 427 &:= 1^9 + 6^2 + 10^2 + 11^2 + 13^2 = 19 + 62 + 102 + 112 + 132 \\ 427 &:= 1^9 + 7^2 + 8^2 + 12^2 + 13^2 = 19 + 72 + 82 + 122 + 132 \\ 427 &:= 1^9 + 7^2 + 9^2 + 10^2 + 14^2 = 19 + 72 + 92 + 102 + 142 \\ 427 &:= 2^0 + 2^1 + 2^3 + 16^1 + 20^2 = 20 + 21 + 23 + 161 + 202 \\ 427 &:= 2^0 + 2^2 + 7^2 + 12^1 + 19^2 = 20 + 22 + 72 + 121 + 192 \\ 427 &:= 2^0 + 2^3 + 3^1 + 15^1 + 20^2 = 20 + 23 + 31 + 151 + 202 \\ 427 &:= 2^0 + 2^3 + 4^1 + 14^1 + 20^2 = 20 + 23 + 41 + 141 + 202 \\ 427 &:= 2^0 + 2^3 + 5^1 + 13^1 + 20^2 = 20 + 23 + 51 + 131 + 202 \\ 427 &:= 2^0 + 2^3 + 6^1 + 12^1 + 20^2 = 20 + 23 + 61 + 121 + 202 \\ 427 &:= 2^0 + 2^3 + 7^1 + 11^1 + 20^2 = 20 + 23 + 71 + 111 + 202 \\ 427 &:= 2^0 + 2^3 + 8^1 + 10^1 + 20^2 = 20 + 23 + 81 + 101 + 202 \\ 427 &:= 2^0 + 2^3 + 9^1 + 9^1 + 20^2 = 20 + 23 + 91 + 91 + 202 \\ 427 &:= 2^0 + 2^4 + 9^0 + 9^1 + 20^2 = 20 + 24 + 90 + 91 + 202 \\ 427 &:= 2^0 + 3^0 + 3^4 + 7^3 + 27^0 = 20 + 30 + 34 + 73 + 270 \\ 427 &:= 2^0 + 3^4 + 4^0 + 7^3 + 26^0 = 20 + 34 + 40 + 73 + 260 \\ 427 &:= 2^0 + 3^4 + 5^0 + 7^3 + 25^0 = 20 + 34 + 50 + 73 + 250 \\ 427 &:= 2^0 + 3^4 + 6^0 + 7^3 + 24^0 = 20 + 34 + 60 + 73 + 240 \\ 427 &:= 2^0 + 3^4 + 7^0 + 7^3 + 23^0 = 20 + 34 + 70 + 73 + 230 \\ 427 &:= 2^0 + 3^4 + 7^3 + 10^0 + 20^0 = 20 + 34 + 73 + 100 + 200 \\ 427 &:= 2^0 + 3^4 + 7^3 + 11^0 + 19^0 = 20 + 34 + 73 + 110 + 190 \\ 427 &:= 2^0 + 3^4 + 7^3 + 12^0 + 18^0 = 20 + 34 + 73 + 120 + 180 \\ 427 &:= 2^0 + 3^4 + 7^3 + 13^0 + 17^0 = 20 + 34 + 73 + 130 + 170 \\ 427 &:= 2^0 + 3^4 + 7^3 + 14^0 + 16^0 = 20 + 34 + 73 + 140 + 160 \\ 427 &:= 2^0 + 3^4 + 7^3 + 15^0 + 15^0 = 20 + 34 + 73 + 150 + 150 \\ 427 &:= 2^0 + 3^4 + 7^3 + 8^0 + 22^0 = 20 + 34 + 73 + 80 + 220 \\ 427 &:= 2^0 + 3^4 + 7^3 + 9^0 + 21^0 = 20 + 34 + 73 + 90 + 210 \\ 427 &:= 2^0 + 4^3 + 7^3 + 11^0 + 18^1 = 20 + 43 + 73 + 110 + 181 \\ 427 &:= 2^0 + 5^1 + 9^2 + 12^2 + 14^2 = 20 + 51 + 92 + 122 + 142 \\ 427 &:= 2^0 + 5^2 + 7^1 + 13^2 + 15^2 = 20 + 52 + 71 + 132 + 152 \\ 427 &:= 2^0 + 6^1 + 8^2 + 10^2 + 16^2 = 20 + 61 + 82 + 102 + 162 \\ 427 &:= 2^0 + 7^1 + 7^2 + 9^2 + 17^2 = 20 + 71 + 72 + 92 + 172 \end{aligned}$$

$$\begin{aligned} 427 &:= 2^1 + 5^3 + 8^0 + 10^1 + 17^2 = 21 + 53 + 80 + 101 + 172 \\ 427 &:= 2^1 + 6^2 + 8^0 + 8^2 + 18^2 = 21 + 62 + 80 + 82 + 182 \\ 427 &:= 2^1 + 6^3 + 8^0 + 12^1 + 14^2 = 21 + 63 + 80 + 121 + 142 \\ 427 &:= 2^1 + 7^3 + 8^0 + 8^2 + 17^1 = 21 + 73 + 80 + 82 + 171 \\ 427 &:= 2^2 + 3^2 + 4^0 + 13^1 + 20^2 = 22 + 32 + 40 + 131 + 202 \\ 427 &:= 2^2 + 4^2 + 6^1 + 10^0 + 20^2 = 22 + 42 + 61 + 100 + 202 \\ 427 &:= 2^3 + 2^4 + 2^7 + 16^2 + 19^1 = 23 + 24 + 27 + 162 + 191 \\ 427 &:= 2^3 + 2^8 + 3^4 + 9^2 + 25^0 = 23 + 28 + 34 + 92 + 250 \\ 427 &:= 2^4 + 3^0 + 8^0 + 9^1 + 20^2 = 24 + 30 + 80 + 91 + 202 \\ 427 &:= 2^4 + 4^0 + 7^0 + 9^1 + 20^2 = 24 + 40 + 70 + 91 + 202 \\ 427 &:= 2^4 + 5^0 + 6^0 + 9^1 + 20^2 = 24 + 50 + 60 + 91 + 202 \\ 427 &:= 2^5 + 2^7 + 4^4 + 10^1 + 23^0 = 25 + 27 + 44 + 101 + 230 \\ 427 &:= 2^5 + 2^7 + 5^2 + 15^2 + 17^1 = 25 + 27 + 52 + 152 + 171 \\ 427 &:= 2^5 + 2^8 + 5^3 + 13^1 + 19^0 = 25 + 28 + 53 + 131 + 190 \\ 427 &:= 2^6 + 2^7 + 3^2 + 15^2 + 19^0 = 26 + 27 + 32 + 152 + 190 \\ 427 &:= 2^6 + 2^7 + 6^3 + 13^0 + 18^1 = 26 + 27 + 63 + 130 + 181 \\ 427 &:= 2^6 + 2^8 + 3^0 + 9^2 + 25^1 = 26 + 28 + 30 + 92 + 251 \\ 427 &:= 2^6 + 2^8 + 6^1 + 10^2 + 21^0 = 26 + 28 + 61 + 102 + 210 \\ 427 &:= 2^8 + 3^4 + 3^4 + 8^1 + 25^0 = 28 + 34 + 34 + 81 + 250 \\ 427 &:= 2^8 + 3^4 + 4^2 + 7^2 + 25^1 = 28 + 34 + 42 + 72 + 251 \\ 427 &:= 2^8 + 3^4 + 4^3 + 5^2 + 27^0 = 28 + 34 + 43 + 52 + 270 \\ 427 &:= 2^8 + 4^2 + 4^3 + 4^3 + 27^1 = 28 + 42 + 43 + 43 + 271 \\ 427 &:= 3^0 + 3^0 + 3^4 + 7^3 + 26^0 = 30 + 30 + 34 + 73 + 260 \\ 427 &:= 3^0 + 3^4 + 4^0 + 7^3 + 25^0 = 30 + 34 + 40 + 73 + 250 \\ 427 &:= 3^0 + 3^4 + 5^0 + 7^3 + 24^0 = 30 + 34 + 50 + 73 + 240 \\ 427 &:= 3^0 + 3^4 + 6^0 + 7^3 + 23^0 = 30 + 34 + 60 + 73 + 230 \\ 427 &:= 3^0 + 3^4 + 7^0 + 7^3 + 22^0 = 30 + 34 + 70 + 73 + 220 \\ 427 &:= 3^0 + 3^4 + 7^3 + 10^0 + 19^0 = 30 + 34 + 73 + 100 + 190 \\ 427 &:= 3^0 + 3^4 + 7^3 + 11^0 + 18^0 = 30 + 34 + 73 + 110 + 180 \\ 427 &:= 3^0 + 3^4 + 7^3 + 12^0 + 17^0 = 30 + 34 + 73 + 120 + 170 \\ 427 &:= 3^0 + 3^4 + 7^3 + 13^0 + 16^0 = 30 + 34 + 73 + 130 + 160 \\ 427 &:= 3^0 + 3^4 + 7^3 + 14^0 + 15^0 = 30 + 34 + 73 + 140 + 150 \\ 427 &:= 3^0 + 3^4 + 7^3 + 8^0 + 21^0 = 30 + 34 + 73 + 80 + 210 \\ 427 &:= 3^0 + 3^4 + 7^3 + 9^0 + 20^0 = 30 + 34 + 73 + 90 + 200 \\ 427 &:= 3^0 + 4^3 + 7^3 + 10^0 + 18^1 = 30 + 43 + 73 + 100 + 181 \\ 427 &:= 3^1 + 5^3 + 8^0 + 9^1 + 17^2 = 31 + 53 + 80 + 91 + 172 \\ 427 &:= 3^1 + 6^3 + 8^0 + 11^1 + 14^2 = 31 + 63 + 80 + 111 + 142 \\ 427 &:= 3^1 + 7^3 + 8^0 + 8^2 + 16^1 = 31 + 73 + 80 + 82 + 161 \end{aligned}$$

$$\begin{aligned} 427 &:= 3^2 + 3^2 + 8^0 + 8^1 + 20^2 = 32 + 32 + 80 + 81 + 202 \\ 427 &:= 3^2 + 4^0 + 7^1 + 11^2 + 17^2 = 32 + 40 + 71 + 112 + 172 \\ 427 &:= 3^2 + 6^0 + 7^1 + 7^2 + 19^2 = 32 + 60 + 71 + 72 + 192 \\ 427 &:= 3^4 + 4^0 + 4^0 + 7^3 + 24^0 = 34 + 40 + 40 + 73 + 240 \\ 427 &:= 3^4 + 4^0 + 5^0 + 7^3 + 23^0 = 34 + 40 + 50 + 73 + 230 \\ 427 &:= 3^4 + 4^0 + 6^0 + 7^3 + 22^0 = 34 + 40 + 60 + 73 + 220 \\ 427 &:= 3^4 + 4^0 + 7^0 + 7^3 + 21^0 = 34 + 40 + 70 + 73 + 210 \\ 427 &:= 3^4 + 4^0 + 7^3 + 10^0 + 18^0 = 34 + 40 + 73 + 100 + 180 \\ 427 &:= 3^4 + 4^0 + 7^3 + 11^0 + 17^0 = 34 + 40 + 73 + 110 + 170 \\ 427 &:= 3^4 + 4^0 + 7^3 + 12^0 + 16^0 = 34 + 40 + 73 + 120 + 160 \\ 427 &:= 3^4 + 4^0 + 7^3 + 13^0 + 15^0 = 34 + 40 + 73 + 130 + 150 \\ 427 &:= 3^4 + 4^0 + 7^3 + 14^0 + 14^0 = 34 + 40 + 73 + 140 + 140 \\ 427 &:= 3^4 + 4^0 + 7^3 + 8^0 + 20^0 = 34 + 40 + 73 + 80 + 200 \\ 427 &:= 3^4 + 4^0 + 7^3 + 9^0 + 19^0 = 34 + 40 + 73 + 90 + 190 \\ 427 &:= 3^4 + 5^0 + 5^0 + 7^3 + 22^0 = 34 + 50 + 50 + 73 + 220 \\ 427 &:= 3^4 + 5^0 + 6^0 + 7^3 + 21^0 = 34 + 50 + 60 + 73 + 210 \\ 427 &:= 3^4 + 5^0 + 7^0 + 7^3 + 20^0 = 34 + 50 + 70 + 73 + 200 \\ 427 &:= 3^4 + 5^0 + 7^3 + 10^0 + 17^0 = 34 + 50 + 73 + 100 + 170 \\ 427 &:= 3^4 + 5^0 + 7^3 + 11^0 + 16^0 = 34 + 50 + 73 + 110 + 160 \\ 427 &:= 3^4 + 5^0 + 7^3 + 12^0 + 15^0 = 34 + 50 + 73 + 120 + 150 \\ 427 &:= 3^4 + 5^0 + 7^3 + 13^0 + 14^0 = 34 + 50 + 73 + 130 + 140 \\ 427 &:= 3^4 + 5^0 + 7^3 + 8^0 + 19^0 = 34 + 50 + 73 + 80 + 190 \\ 427 &:= 3^4 + 5^0 + 7^3 + 9^0 + 18^0 = 34 + 50 + 73 + 90 + 180 \\ 427 &:= 3^4 + 6^0 + 6^0 + 7^3 + 20^0 = 34 + 60 + 60 + 73 + 200 \\ 427 &:= 3^4 + 6^0 + 7^0 + 7^3 + 19^0 = 34 + 60 + 70 + 73 + 190 \\ 427 &:= 3^4 + 6^0 + 7^3 + 10^0 + 16^0 = 34 + 60 + 73 + 100 + 160 \\ 427 &:= 3^4 + 6^0 + 7^3 + 11^0 + 15^0 = 34 + 60 + 73 + 110 + 150 \\ 427 &:= 3^4 + 6^0 + 7^3 + 12^0 + 14^0 = 34 + 60 + 73 + 120 + 140 \\ 427 &:= 3^4 + 6^0 + 7^3 + 13^0 + 13^0 = 34 + 60 + 73 + 130 + 130 \\ 427 &:= 3^4 + 6^0 + 7^3 + 8^0 + 18^0 = 34 + 60 + 73 + 80 + 180 \\ 427 &:= 3^4 + 6^0 + 7^3 + 9^0 + 17^0 = 34 + 60 + 73 + 90 + 170 \\ 427 &:= 3^4 + 7^0 + 7^0 + 7^3 + 18^0 = 34 + 70 + 70 + 73 + 180 \\ 427 &:= 3^4 + 7^0 + 7^3 + 10^0 + 15^0 = 34 + 70 + 73 + 100 + 150 \\ 427 &:= 3^4 + 7^0 + 7^3 + 11^0 + 14^0 = 34 + 70 + 73 + 110 + 140 \\ 427 &:= 3^4 + 7^0 + 7^3 + 12^0 + 13^0 = 34 + 70 + 73 + 120 + 130 \\ 427 &:= 3^4 + 7^0 + 7^3 + 8^0 + 17^0 = 34 + 70 + 73 + 80 + 170 \\ 427 &:= 3^4 + 7^0 + 7^3 + 9^0 + 16^0 = 34 + 70 + 73 + 90 + 160 \\ 427 &:= 3^4 + 7^3 + 10^0 + 10^0 + 12^0 = 34 + 73 + 100 + 100 + 120 \\ 427 &:= 3^4 + 7^3 + 10^0 + 11^0 + 11^0 = 34 + 73 + 100 + 110 + 110 \\ 427 &:= 3^4 + 7^3 + 8^0 + 10^0 + 14^0 = 34 + 73 + 80 + 100 + 140 \\ 427 &:= 3^4 + 7^3 + 8^0 + 11^0 + 13^0 = 34 + 73 + 80 + 110 + 130 \\ 427 &:= 3^4 + 7^3 + 8^0 + 12^0 + 12^0 = 34 + 73 + 80 + 120 + 120 \\ 427 &:= 3^4 + 7^3 + 8^0 + 8^0 + 16^0 = 34 + 73 + 80 + 80 + 160 \\ 427 &:= 3^4 + 7^3 + 8^0 + 9^0 + 15^0 = 34 + 73 + 80 + 90 + 150 \\ 427 &:= 3^4 + 7^3 + 9^0 + 10^0 + 13^0 = 34 + 73 + 90 + 100 + 130 \\ 427 &:= 3^4 + 7^3 + 9^0 + 11^0 + 12^0 = 34 + 73 + 90 + 110 + 120 \\ 427 &:= 3^4 + 7^3 + 9^0 + 9^0 + 14^0 = 34 + 73 + 90 + 90 + 140 \\ 427 &:= 4^0 + 4^3 + 7^3 + 9^0 + 18^1 = 40 + 43 + 73 + 90 + 181 \\ 427 &:= 4^1 + 5^2 + 6^2 + 8^0 + 19^2 = 41 + 52 + 62 + 80 + 192 \\ 427 &:= 4^1 + 5^3 + 8^0 + 8^1 + 17^2 = 41 + 53 + 80 + 81 + 172 \\ 427 &:= 4^1 + 6^0 + 7^2 + 7^2 + 18^2 = 41 + 60 + 72 + 72 + 182 \\ 427 &:= 4^1 + 6^3 + 8^0 + 10^1 + 14^2 = 41 + 63 + 80 + 101 + 142 \\ 427 &:= 4^1 + 7^3 + 8^0 + 8^2 + 15^1 = 41 + 73 + 80 + 82 + 151 \\ 427 &:= 4^2 + 5^1 + 6^0 + 9^2 + 18^2 = 42 + 51 + 60 + 92 + 182 \\ 427 &:= 4^3 + 5^0 + 7^3 + 8^0 + 18^1 = 43 + 50 + 73 + 80 + 181 \\ 427 &:= 4^3 + 6^0 + 7^0 + 7^3 + 18^1 = 43 + 60 + 70 + 73 + 181 \\ 427 &:= 5^1 + 5^3 + 7^1 + 8^0 + 17^2 = 51 + 53 + 71 + 80 + 172 \\ 427 &:= 5^1 + 6^3 + 8^0 + 9^1 + 14^2 = 51 + 63 + 80 + 91 + 142 \\ 427 &:= 5^1 + 7^3 + 8^0 + 8^2 + 14^1 = 51 + 73 + 80 + 82 + 141 \\ 427 &:= 5^3 + 6^1 + 6^1 + 8^0 + 17^2 = 53 + 61 + 61 + 80 + 172 \\ 427 &:= 6^1 + 6^3 + 8^0 + 8^1 + 14^2 = 61 + 63 + 80 + 81 + 142 \\ 427 &:= 6^1 + 7^3 + 8^0 + 8^2 + 13^1 = 61 + 73 + 80 + 82 + 131 \\ 427 &:= 6^3 + 7^1 + 7^1 + 8^0 + 14^2 = 63 + 71 + 71 + 80 + 142 \\ 427 &:= 7^1 + 7^3 + 8^0 + 8^2 + 12^1 = 71 + 73 + 80 + 82 + 121 \\ 427 &:= 7^3 + 8^0 + 8^1 + 8^2 + 11^1 = 73 + 80 + 81 + 82 + 111 \\ 427 &:= 7^3 + 8^0 + 8^2 + 9^1 + 10^1 = 73 + 80 + 82 + 91 + 101 \end{aligned}$$

2.2.329 Number 428

$$\begin{aligned}
 428 &:= 1^2 + 2^3 + 19^1 + 20^2 &= 12 + 23 + 191 + 202 & 428 &:= 1^0 + 4^4 + 7^2 + 11^2 + 19^0 &= 10 + 44 + 72 + 112 + 190 \\
 428 &:= 1^3 + 3^2 + 18^1 + 20^2 &= 13 + 32 + 181 + 202 & 428 &:= 1^0 + 5^2 + 6^2 + 7^3 + 23^1 &= 10 + 52 + 62 + 73 + 231 \\
 428 &:= 3^1 + 3^4 + 7^3 + 29^0 &= 31 + 34 + 73 + 290 & 428 &:= 1^0 + 5^2 + 6^3 + 13^2 + 17^1 &= 10 + 52 + 63 + 132 + 171 \\
 428 &:= 3^3 + 10^2 + 12^1 + 17^2 &= 33 + 102 + 121 + 172 & 428 &:= 1^0 + 5^3 + 11^2 + 12^1 + 13^2 &= 10 + 53 + 112 + 121 + 132 \\
 428 &:= 3^3 + 5^2 + 15^1 + 19^2 &= 33 + 52 + 151 + 192 & 428 &:= 1^0 + 5^3 + 8^2 + 13^1 + 15^2 &= 10 + 53 + 82 + 131 + 152 \\
 428 &:= 3^3 + 8^2 + 13^1 + 18^2 &= 33 + 82 + 131 + 182 & 428 &:= 1^0 + 8^2 + 11^2 + 11^2 + 11^2 &= 10 + 82 + 112 + 112 + 112 \\
 428 &:= 3^4 + 11^2 + 13^0 + 15^2 &= 34 + 112 + 130 + 152 & 428 &:= 1^0 + 9^2 + 9^2 + 11^2 + 12^2 &= 10 + 92 + 92 + 112 + 122 \\
 428 &:= 3^5 + 11^0 + 13^2 + 15^1 &= 35 + 110 + 132 + 151 & 428 &:= 1^1 + 1^1 + 2^3 + 18^1 + 20^2 &= 11 + 11 + 23 + 181 + 202 \\
 428 &:= 4^3 + 5^2 + 15^1 + 18^2 &= 43 + 52 + 151 + 182 & 428 &:= 1^1 + 1^1 + 4^4 + 13^2 + 23^0 &= 11 + 11 + 44 + 132 + 230 \\
 428 &:= 5^2 + 6^2 + 7^3 + 24^1 &= 52 + 62 + 73 + 241 & 428 &:= 1^1 + 1^2 + 3^2 + 17^1 + 20^2 &= 11 + 12 + 32 + 171 + 202 \\
 428 &:= 5^2 + 6^3 + 13^2 + 18^1 &= 52 + 63 + 132 + 181 & 428 &:= 1^1 + 1^2 + 4^3 + 17^0 + 19^2 &= 11 + 12 + 43 + 170 + 192 \\
 428 &:= 5^3 + 11^2 + 13^1 + 13^2 &= 53 + 112 + 131 + 132 & 428 &:= 1^1 + 1^3 + 11^0 + 13^2 + 16^2 &= 11 + 13 + 110 + 132 + 162 \\
 428 &:= 5^3 + 8^2 + 14^1 + 15^2 &= 53 + 82 + 141 + 152 & 428 &:= 1^1 + 1^3 + 5^2 + 15^0 + 20^2 &= 11 + 13 + 52 + 150 + 202 \\
 428 &:= 1^0 + 1^0 + 2^6 + 19^0 + 19^2 &= 10 + 10 + 26 + 190 + 192 & 428 &:= 1^1 + 1^3 + 8^2 + 13^0 + 19^2 &= 11 + 13 + 82 + 130 + 192 \\
 428 &:= 1^0 + 1^2 + 2^3 + 18^1 + 20^2 &= 10 + 12 + 23 + 181 + 202 & 428 &:= 1^1 + 1^7 + 2^8 + 13^2 + 24^0 &= 11 + 17 + 28 + 132 + 240 \\
 428 &:= 1^0 + 1^2 + 4^4 + 13^2 + 23^0 &= 10 + 12 + 44 + 132 + 230 & 428 &:= 1^1 + 1^9 + 2^6 + 18^0 + 19^2 &= 11 + 19 + 26 + 180 + 192 \\
 428 &:= 1^0 + 1^3 + 3^2 + 17^1 + 20^2 &= 10 + 13 + 32 + 171 + 202 & 428 &:= 1^1 + 2^1 + 2^3 + 17^1 + 20^2 &= 11 + 21 + 23 + 171 + 202 \\
 428 &:= 1^0 + 1^3 + 4^3 + 17^0 + 19^2 &= 10 + 13 + 43 + 170 + 192 & 428 &:= 1^1 + 2^2 + 7^2 + 13^1 + 19^2 &= 11 + 22 + 72 + 131 + 192 \\
 428 &:= 1^0 + 1^4 + 11^0 + 13^2 + 16^2 &= 10 + 14 + 110 + 132 + 162 & 428 &:= 1^1 + 2^3 + 3^1 + 16^1 + 20^2 &= 11 + 23 + 31 + 161 + 202 \\
 428 &:= 1^0 + 1^4 + 5^2 + 15^0 + 20^2 &= 10 + 14 + 52 + 150 + 202 & 428 &:= 1^1 + 2^3 + 4^1 + 15^1 + 20^2 &= 11 + 23 + 41 + 151 + 202 \\
 428 &:= 1^0 + 1^4 + 8^2 + 13^0 + 19^2 &= 10 + 14 + 82 + 130 + 192 & 428 &:= 1^1 + 2^3 + 5^1 + 14^1 + 20^2 &= 11 + 23 + 51 + 141 + 202 \\
 428 &:= 1^0 + 1^8 + 2^8 + 13^2 + 24^0 &= 10 + 18 + 28 + 132 + 240 & 428 &:= 1^1 + 2^3 + 6^1 + 13^1 + 20^2 &= 11 + 23 + 61 + 131 + 202 \\
 428 &:= 1^0 + 2^0 + 2^6 + 18^0 + 19^2 &= 10 + 20 + 26 + 180 + 192 & 428 &:= 1^1 + 2^3 + 7^1 + 12^1 + 20^2 &= 11 + 23 + 71 + 121 + 202 \\
 428 &:= 1^0 + 2^4 + 11^0 + 11^2 + 17^2 &= 10 + 24 + 110 + 112 + 172 & 428 &:= 1^1 + 2^3 + 8^1 + 11^1 + 20^2 &= 11 + 23 + 81 + 111 + 202 \\
 428 &:= 1^0 + 2^4 + 7^2 + 13^0 + 19^2 &= 10 + 24 + 72 + 130 + 192 & 428 &:= 1^1 + 2^3 + 9^1 + 10^1 + 20^2 &= 11 + 23 + 91 + 101 + 202 \\
 428 &:= 1^0 + 2^6 + 10^0 + 10^0 + 19^2 &= 10 + 26 + 100 + 100 + 192 & 428 &:= 1^1 + 2^4 + 9^0 + 10^1 + 20^2 &= 11 + 24 + 90 + 101 + 202 \\
 428 &:= 1^0 + 2^6 + 3^0 + 17^0 + 19^2 &= 10 + 26 + 30 + 170 + 192 & 428 &:= 1^1 + 4^3 + 7^3 + 11^0 + 19^1 &= 11 + 43 + 73 + 110 + 191 \\
 428 &:= 1^0 + 2^6 + 4^0 + 16^0 + 19^2 &= 10 + 26 + 40 + 160 + 192 & 428 &:= 1^1 + 5^2 + 8^1 + 13^2 + 15^2 &= 11 + 52 + 81 + 132 + 152 \\
 428 &:= 1^0 + 2^6 + 5^0 + 15^0 + 19^2 &= 10 + 26 + 50 + 150 + 192 & 428 &:= 1^1 + 6^1 + 9^2 + 12^2 + 14^2 &= 11 + 61 + 92 + 122 + 142 \\
 428 &:= 1^0 + 2^6 + 6^0 + 14^0 + 19^2 &= 10 + 26 + 60 + 140 + 192 & 428 &:= 1^1 + 7^1 + 8^2 + 10^2 + 16^2 &= 11 + 71 + 82 + 102 + 162 \\
 428 &:= 1^0 + 2^6 + 7^0 + 13^0 + 19^2 &= 10 + 26 + 70 + 130 + 192 & 428 &:= 1^1 + 7^2 + 8^1 + 9^2 + 17^2 &= 11 + 72 + 81 + 92 + 172 \\
 428 &:= 1^0 + 2^6 + 8^0 + 12^0 + 19^2 &= 10 + 26 + 80 + 120 + 192 & 428 &:= 1^2 + 1^2 + 11^0 + 13^2 + 16^2 &= 12 + 12 + 110 + 132 + 162 \\
 428 &:= 1^0 + 2^6 + 9^0 + 11^0 + 19^2 &= 10 + 26 + 90 + 110 + 192 & 428 &:= 1^2 + 1^2 + 5^2 + 15^0 + 20^2 &= 12 + 12 + 52 + 150 + 202 \\
 428 &:= 1^0 + 3^3 + 10^2 + 11^1 + 17^2 &= 10 + 33 + 102 + 111 + 172 & 428 &:= 1^2 + 1^2 + 8^2 + 13^0 + 19^2 &= 12 + 12 + 82 + 130 + 192 \\
 428 &:= 1^0 + 3^3 + 5^2 + 14^1 + 19^2 &= 10 + 33 + 52 + 141 + 192 & 428 &:= 1^2 + 1^6 + 2^8 + 13^2 + 24^0 &= 12 + 16 + 28 + 132 + 240 \\
 428 &:= 1^0 + 3^3 + 8^2 + 12^1 + 18^2 &= 10 + 33 + 82 + 121 + 182 & 428 &:= 1^2 + 1^8 + 2^6 + 18^0 + 19^2 &= 12 + 18 + 26 + 180 + 192 \\
 428 &:= 1^0 + 3^5 + 11^0 + 13^2 + 14^1 &= 10 + 35 + 110 + 132 + 141 & 428 &:= 1^2 + 2^0 + 4^4 + 13^2 + 22^0 &= 12 + 20 + 44 + 132 + 220 \\
 428 &:= 1^0 + 4^3 + 5^2 + 14^1 + 18^2 &= 10 + 43 + 52 + 141 + 182 & 428 &:= 1^2 + 2^1 + 3^2 + 16^1 + 20^2 &= 12 + 21 + 32 + 161 + 202
 \end{aligned}$$

$$\begin{aligned} 428 &:= 1^2 + 2^1 + 7^3 + 9^2 + 23^0 = 12 + 21 + 73 + 92 + 230 \\ 428 &:= 1^2 + 3^0 + 4^4 + 13^2 + 21^0 = 12 + 30 + 44 + 132 + 210 \\ 428 &:= 1^2 + 3^1 + 3^2 + 15^1 + 20^2 = 12 + 31 + 32 + 151 + 202 \\ 428 &:= 1^2 + 3^2 + 4^1 + 14^1 + 20^2 = 12 + 32 + 41 + 141 + 202 \\ 428 &:= 1^2 + 3^2 + 5^1 + 13^1 + 20^2 = 12 + 32 + 51 + 131 + 202 \\ 428 &:= 1^2 + 3^2 + 6^1 + 12^1 + 20^2 = 12 + 32 + 61 + 121 + 202 \\ 428 &:= 1^2 + 3^2 + 7^1 + 11^1 + 20^2 = 12 + 32 + 71 + 111 + 202 \\ 428 &:= 1^2 + 3^2 + 8^1 + 10^1 + 20^2 = 12 + 32 + 81 + 101 + 202 \\ 428 &:= 1^2 + 3^2 + 9^1 + 9^1 + 20^2 = 12 + 32 + 91 + 91 + 202 \\ 428 &:= 1^2 + 4^0 + 4^4 + 13^2 + 20^0 = 12 + 40 + 44 + 132 + 200 \\ 428 &:= 1^2 + 4^2 + 7^2 + 11^0 + 19^2 = 12 + 42 + 72 + 110 + 192 \\ 428 &:= 1^2 + 4^2 + 9^0 + 11^2 + 17^2 = 12 + 42 + 90 + 112 + 172 \\ 428 &:= 1^2 + 4^4 + 10^0 + 13^2 + 14^0 = 12 + 44 + 100 + 132 + 140 \\ 428 &:= 1^2 + 4^4 + 11^0 + 13^0 + 13^2 = 12 + 44 + 110 + 130 + 132 \\ 428 &:= 1^2 + 4^4 + 12^0 + 12^0 + 13^2 = 12 + 44 + 120 + 120 + 132 \\ 428 &:= 1^2 + 4^4 + 5^0 + 13^2 + 19^0 = 12 + 44 + 50 + 132 + 190 \\ 428 &:= 1^2 + 4^4 + 6^0 + 13^2 + 18^0 = 12 + 44 + 60 + 132 + 180 \\ 428 &:= 1^2 + 4^4 + 7^0 + 13^2 + 17^0 = 12 + 44 + 70 + 132 + 170 \\ 428 &:= 1^2 + 4^4 + 8^0 + 13^2 + 16^0 = 12 + 44 + 80 + 132 + 160 \\ 428 &:= 1^2 + 4^4 + 9^0 + 13^2 + 15^0 = 12 + 44 + 90 + 132 + 150 \\ 428 &:= 1^2 + 5^3 + 7^0 + 12^1 + 17^2 = 12 + 53 + 70 + 121 + 172 \\ 428 &:= 1^2 + 6^3 + 7^0 + 14^1 + 14^2 = 12 + 63 + 70 + 141 + 142 \\ 428 &:= 1^2 + 7^0 + 7^2 + 11^2 + 16^2 = 12 + 70 + 72 + 112 + 162 \\ 428 &:= 1^2 + 7^0 + 7^3 + 8^2 + 19^1 = 12 + 70 + 73 + 82 + 191 \\ 428 &:= 1^3 + 1^5 + 2^8 + 13^2 + 24^0 = 13 + 15 + 28 + 132 + 240 \\ 428 &:= 1^3 + 1^7 + 2^6 + 18^0 + 19^2 = 13 + 17 + 26 + 180 + 192 \\ 428 &:= 1^3 + 1^9 + 4^4 + 13^2 + 22^0 = 13 + 19 + 44 + 132 + 220 \\ 428 &:= 1^3 + 2^0 + 4^3 + 16^0 + 19^2 = 13 + 20 + 43 + 160 + 192 \\ 428 &:= 1^3 + 2^1 + 10^2 + 11^0 + 18^2 = 13 + 21 + 102 + 110 + 182 \\ 428 &:= 1^3 + 3^0 + 4^3 + 15^0 + 19^2 = 13 + 30 + 43 + 150 + 192 \\ 428 &:= 1^3 + 4^0 + 4^3 + 14^0 + 19^2 = 13 + 40 + 43 + 140 + 192 \\ 428 &:= 1^3 + 4^2 + 7^0 + 10^1 + 20^2 = 13 + 42 + 70 + 101 + 202 \\ 428 &:= 1^3 + 4^3 + 5^0 + 13^0 + 19^2 = 13 + 43 + 50 + 130 + 192 \\ 428 &:= 1^3 + 4^3 + 6^0 + 12^0 + 19^2 = 13 + 43 + 60 + 120 + 192 \\ 428 &:= 1^3 + 4^3 + 7^0 + 11^0 + 19^2 = 13 + 43 + 70 + 110 + 192 \\ 428 &:= 1^3 + 4^3 + 8^0 + 10^0 + 19^2 = 13 + 43 + 80 + 100 + 192 \\ 428 &:= 1^3 + 4^3 + 9^0 + 9^0 + 19^2 = 13 + 43 + 90 + 90 + 192 \\ 428 &:= 1^3 + 5^1 + 7^0 + 14^2 + 15^2 = 13 + 51 + 70 + 142 + 152 \end{aligned}$$

$$\begin{aligned} 428 &:= 1^4 + 1^4 + 2^8 + 13^2 + 24^0 = 14 + 14 + 28 + 132 + 240 \\ 428 &:= 1^4 + 1^6 + 2^6 + 18^0 + 19^2 = 14 + 16 + 26 + 180 + 192 \\ 428 &:= 1^4 + 1^8 + 4^4 + 13^2 + 22^0 = 14 + 18 + 44 + 132 + 220 \\ 428 &:= 1^4 + 1^9 + 4^3 + 16^0 + 19^2 = 14 + 19 + 43 + 160 + 192 \\ 428 &:= 1^4 + 2^0 + 10^0 + 13^2 + 16^2 = 14 + 20 + 100 + 132 + 162 \\ 428 &:= 1^4 + 2^0 + 5^2 + 14^0 + 20^2 = 14 + 20 + 52 + 140 + 202 \\ 428 &:= 1^4 + 2^0 + 8^2 + 12^0 + 19^2 = 14 + 20 + 82 + 120 + 192 \\ 428 &:= 1^4 + 3^0 + 5^2 + 13^0 + 20^2 = 14 + 30 + 52 + 130 + 202 \\ 428 &:= 1^4 + 3^0 + 8^2 + 11^0 + 19^2 = 14 + 30 + 82 + 110 + 192 \\ 428 &:= 1^4 + 3^0 + 9^0 + 13^2 + 16^2 = 14 + 30 + 90 + 132 + 162 \\ 428 &:= 1^4 + 4^0 + 5^2 + 12^0 + 20^2 = 14 + 40 + 52 + 120 + 202 \\ 428 &:= 1^4 + 4^0 + 8^0 + 13^2 + 16^2 = 14 + 40 + 80 + 132 + 162 \\ 428 &:= 1^4 + 4^0 + 8^2 + 10^0 + 19^2 = 14 + 40 + 82 + 100 + 192 \\ 428 &:= 1^4 + 5^0 + 5^2 + 11^0 + 20^2 = 14 + 50 + 52 + 110 + 202 \\ 428 &:= 1^4 + 5^0 + 7^0 + 13^2 + 16^2 = 14 + 50 + 70 + 132 + 162 \\ 428 &:= 1^4 + 5^0 + 8^2 + 9^0 + 19^2 = 14 + 50 + 82 + 90 + 192 \\ 428 &:= 1^4 + 5^2 + 6^0 + 10^0 + 20^2 = 14 + 52 + 60 + 100 + 202 \\ 428 &:= 1^4 + 5^2 + 7^0 + 9^0 + 20^2 = 14 + 52 + 70 + 90 + 202 \\ 428 &:= 1^4 + 5^2 + 8^0 + 8^0 + 20^2 = 14 + 52 + 80 + 80 + 202 \\ 428 &:= 1^4 + 6^0 + 6^0 + 13^2 + 16^2 = 14 + 60 + 60 + 132 + 162 \\ 428 &:= 1^4 + 6^0 + 8^0 + 8^2 + 19^2 = 14 + 60 + 80 + 82 + 192 \\ 428 &:= 1^4 + 7^0 + 7^0 + 8^2 + 19^2 = 14 + 70 + 70 + 82 + 192 \\ 428 &:= 1^5 + 1^5 + 2^6 + 18^0 + 19^2 = 15 + 15 + 26 + 180 + 192 \\ 428 &:= 1^5 + 1^7 + 4^4 + 13^2 + 22^0 = 15 + 17 + 44 + 132 + 220 \\ 428 &:= 1^5 + 1^8 + 4^3 + 16^0 + 19^2 = 15 + 18 + 43 + 160 + 192 \\ 428 &:= 1^5 + 1^9 + 10^0 + 13^2 + 16^2 = 15 + 19 + 100 + 132 + 162 \\ 428 &:= 1^5 + 1^9 + 5^2 + 14^0 + 20^2 = 15 + 19 + 52 + 140 + 202 \\ 428 &:= 1^5 + 1^9 + 8^2 + 12^0 + 19^2 = 15 + 19 + 82 + 120 + 192 \\ 428 &:= 1^6 + 1^6 + 4^4 + 13^2 + 22^0 = 16 + 16 + 44 + 132 + 220 \\ 428 &:= 1^6 + 1^7 + 4^3 + 16^0 + 19^2 = 16 + 17 + 43 + 160 + 192 \\ 428 &:= 1^6 + 1^8 + 10^0 + 13^2 + 16^2 = 16 + 18 + 100 + 132 + 162 \\ 428 &:= 1^6 + 1^8 + 5^2 + 14^0 + 20^2 = 16 + 18 + 52 + 140 + 202 \\ 428 &:= 1^6 + 1^8 + 8^2 + 12^0 + 19^2 = 16 + 18 + 82 + 120 + 192 \\ 428 &:= 1^6 + 2^8 + 7^2 + 11^2 + 20^0 = 16 + 28 + 72 + 112 + 200 \\ 428 &:= 1^7 + 1^7 + 10^0 + 13^2 + 16^2 = 17 + 17 + 100 + 132 + 162 \\ 428 &:= 1^7 + 1^7 + 5^2 + 14^0 + 20^2 = 17 + 17 + 52 + 140 + 202 \\ 428 &:= 1^7 + 1^7 + 8^2 + 12^0 + 19^2 = 17 + 17 + 82 + 120 + 192 \\ 428 &:= 1^7 + 2^7 + 3^2 + 17^2 + 18^0 = 17 + 27 + 32 + 172 + 180 \end{aligned}$$

$$\begin{aligned} 428 &:= 1^8 + 2^0 + 2^8 + 13^2 + 23^0 = 18 + 20 + 28 + 132 + 230 \\ 428 &:= 1^8 + 2^6 + 7^3 + 12^0 + 19^1 = 18 + 26 + 73 + 120 + 191 \\ 428 &:= 1^8 + 2^7 + 9^1 + 12^0 + 17^2 = 18 + 27 + 91 + 120 + 172 \\ 428 &:= 1^8 + 2^8 + 10^0 + 13^2 + 15^0 = 18 + 28 + 100 + 132 + 150 \\ 428 &:= 1^8 + 2^8 + 11^0 + 13^2 + 14^0 = 18 + 28 + 110 + 132 + 140 \\ 428 &:= 1^8 + 2^8 + 12^0 + 13^0 + 13^2 = 18 + 28 + 120 + 130 + 132 \\ 428 &:= 1^8 + 2^8 + 3^0 + 13^2 + 22^0 = 18 + 28 + 30 + 132 + 220 \\ 428 &:= 1^8 + 2^8 + 4^0 + 13^2 + 21^0 = 18 + 28 + 40 + 132 + 210 \\ 428 &:= 1^8 + 2^8 + 5^0 + 13^2 + 20^0 = 18 + 28 + 50 + 132 + 200 \\ 428 &:= 1^8 + 2^8 + 6^0 + 13^2 + 19^0 = 18 + 28 + 60 + 132 + 190 \\ 428 &:= 1^8 + 2^8 + 7^0 + 13^2 + 18^0 = 18 + 28 + 70 + 132 + 180 \\ 428 &:= 1^8 + 2^8 + 8^0 + 13^2 + 17^0 = 18 + 28 + 80 + 132 + 170 \\ 428 &:= 1^8 + 2^8 + 9^0 + 13^2 + 16^0 = 18 + 28 + 90 + 132 + 160 \\ 428 &:= 1^9 + 1^9 + 2^8 + 13^2 + 23^0 = 19 + 19 + 28 + 132 + 230 \\ 428 &:= 1^9 + 2^5 + 10^0 + 13^2 + 15^2 = 19 + 25 + 100 + 132 + 152 \\ 428 &:= 2^0 + 2^0 + 2^6 + 17^0 + 19^2 = 20 + 20 + 26 + 170 + 192 \\ 428 &:= 2^0 + 2^4 + 10^0 + 11^2 + 17^2 = 20 + 24 + 100 + 112 + 172 \\ 428 &:= 2^0 + 2^4 + 7^2 + 12^0 + 19^2 = 20 + 24 + 72 + 120 + 192 \\ 428 &:= 2^0 + 2^6 + 3^0 + 16^0 + 19^2 = 20 + 26 + 30 + 160 + 192 \\ 428 &:= 2^0 + 2^6 + 4^0 + 15^0 + 19^2 = 20 + 26 + 40 + 150 + 192 \\ 428 &:= 2^0 + 2^6 + 5^0 + 14^0 + 19^2 = 20 + 26 + 50 + 140 + 192 \\ 428 &:= 2^0 + 2^6 + 6^0 + 13^0 + 19^2 = 20 + 26 + 60 + 130 + 192 \\ 428 &:= 2^0 + 2^6 + 7^0 + 12^0 + 19^2 = 20 + 26 + 70 + 120 + 192 \\ 428 &:= 2^0 + 2^6 + 8^0 + 11^0 + 19^2 = 20 + 26 + 80 + 110 + 192 \\ 428 &:= 2^0 + 2^6 + 9^0 + 10^0 + 19^2 = 20 + 26 + 90 + 100 + 192 \\ 428 &:= 2^0 + 3^5 + 10^0 + 13^2 + 14^1 = 20 + 35 + 100 + 132 + 141 \\ 428 &:= 2^0 + 4^4 + 7^2 + 11^2 + 18^0 = 20 + 44 + 72 + 112 + 180 \\ 428 &:= 2^1 + 2^1 + 2^3 + 16^1 + 20^2 = 21 + 21 + 23 + 161 + 202 \\ 428 &:= 2^1 + 2^2 + 7^2 + 12^1 + 19^2 = 21 + 22 + 72 + 121 + 192 \\ 428 &:= 2^1 + 2^3 + 3^1 + 15^1 + 20^2 = 21 + 23 + 31 + 151 + 202 \\ 428 &:= 2^1 + 2^3 + 4^1 + 14^1 + 20^2 = 21 + 23 + 41 + 141 + 202 \\ 428 &:= 2^1 + 2^3 + 5^1 + 13^1 + 20^2 = 21 + 23 + 51 + 131 + 202 \\ 428 &:= 2^1 + 2^3 + 6^1 + 12^1 + 20^2 = 21 + 23 + 61 + 121 + 202 \\ 428 &:= 2^1 + 2^3 + 7^1 + 11^1 + 20^2 = 21 + 23 + 71 + 111 + 202 \\ 428 &:= 2^1 + 2^3 + 8^1 + 10^1 + 20^2 = 21 + 23 + 81 + 101 + 202 \\ 428 &:= 2^1 + 2^3 + 9^1 + 9^1 + 20^2 = 21 + 23 + 91 + 91 + 202 \\ 428 &:= 2^1 + 2^4 + 9^0 + 9^1 + 20^2 = 21 + 24 + 90 + 91 + 202 \\ 428 &:= 2^1 + 3^0 + 3^4 + 7^3 + 27^0 = 21 + 30 + 34 + 73 + 270 \end{aligned}$$

$$\begin{aligned} 428 &:= 2^1 + 3^4 + 4^0 + 7^3 + 26^0 = 21 + 34 + 40 + 73 + 260 \\ 428 &:= 2^1 + 3^4 + 5^0 + 7^3 + 25^0 = 21 + 34 + 50 + 73 + 250 \\ 428 &:= 2^1 + 3^4 + 6^0 + 7^3 + 24^0 = 21 + 34 + 60 + 73 + 240 \\ 428 &:= 2^1 + 3^4 + 7^0 + 7^3 + 23^0 = 21 + 34 + 70 + 73 + 230 \\ 428 &:= 2^1 + 3^4 + 7^3 + 10^0 + 20^0 = 21 + 34 + 73 + 100 + 200 \\ 428 &:= 2^1 + 3^4 + 7^3 + 11^0 + 19^0 = 21 + 34 + 73 + 110 + 190 \\ 428 &:= 2^1 + 3^4 + 7^3 + 12^0 + 18^0 = 21 + 34 + 73 + 120 + 180 \\ 428 &:= 2^1 + 3^4 + 7^3 + 13^0 + 17^0 = 21 + 34 + 73 + 130 + 170 \\ 428 &:= 2^1 + 3^4 + 7^3 + 14^0 + 16^0 = 21 + 34 + 73 + 140 + 160 \\ 428 &:= 2^1 + 3^4 + 7^3 + 15^0 + 15^0 = 21 + 34 + 73 + 150 + 150 \\ 428 &:= 2^1 + 3^4 + 7^3 + 8^0 + 22^0 = 21 + 34 + 73 + 80 + 220 \\ 428 &:= 2^1 + 3^4 + 7^3 + 9^0 + 21^0 = 21 + 34 + 73 + 90 + 210 \\ 428 &:= 2^1 + 4^3 + 7^3 + 11^0 + 18^1 = 21 + 43 + 73 + 110 + 181 \\ 428 &:= 2^1 + 5^1 + 9^2 + 12^2 + 14^2 = 21 + 51 + 92 + 122 + 142 \\ 428 &:= 2^1 + 5^2 + 7^1 + 13^2 + 15^2 = 21 + 52 + 71 + 132 + 152 \\ 428 &:= 2^1 + 6^1 + 8^2 + 10^2 + 16^2 = 21 + 61 + 82 + 102 + 162 \\ 428 &:= 2^1 + 7^1 + 7^2 + 9^2 + 17^2 = 21 + 71 + 72 + 92 + 172 \\ 428 &:= 2^2 + 2^3 + 3^0 + 15^1 + 20^2 = 22 + 23 + 30 + 151 + 202 \\ 428 &:= 2^2 + 3^1 + 7^2 + 11^1 + 19^2 = 22 + 31 + 72 + 111 + 192 \\ 428 &:= 2^2 + 4^1 + 7^2 + 10^1 + 19^2 = 22 + 41 + 72 + 101 + 192 \\ 428 &:= 2^2 + 5^1 + 7^2 + 9^1 + 19^2 = 22 + 51 + 72 + 91 + 192 \\ 428 &:= 2^2 + 5^3 + 9^0 + 9^1 + 17^2 = 22 + 53 + 90 + 91 + 172 \\ 428 &:= 2^2 + 6^1 + 7^2 + 8^1 + 19^2 = 22 + 61 + 72 + 81 + 192 \\ 428 &:= 2^2 + 6^3 + 9^0 + 11^1 + 14^2 = 22 + 63 + 90 + 111 + 142 \\ 428 &:= 2^2 + 7^1 + 7^1 + 7^2 + 19^2 = 22 + 71 + 71 + 72 + 192 \\ 428 &:= 2^2 + 7^3 + 8^2 + 9^0 + 16^1 = 22 + 73 + 82 + 90 + 161 \\ 428 &:= 2^3 + 3^0 + 9^1 + 11^2 + 17^2 = 23 + 30 + 91 + 112 + 172 \\ 428 &:= 2^3 + 3^1 + 3^1 + 14^1 + 20^2 = 23 + 31 + 31 + 141 + 202 \\ 428 &:= 2^3 + 3^1 + 4^1 + 13^1 + 20^2 = 23 + 31 + 41 + 131 + 202 \\ 428 &:= 2^3 + 3^1 + 4^2 + 13^0 + 20^2 = 23 + 31 + 42 + 130 + 202 \\ 428 &:= 2^3 + 3^1 + 5^1 + 12^1 + 20^2 = 23 + 31 + 51 + 121 + 202 \\ 428 &:= 2^3 + 3^1 + 6^1 + 11^1 + 20^2 = 23 + 31 + 61 + 111 + 202 \\ 428 &:= 2^3 + 3^1 + 7^1 + 10^1 + 20^2 = 23 + 31 + 71 + 101 + 202 \\ 428 &:= 2^3 + 3^1 + 8^1 + 9^1 + 20^2 = 23 + 31 + 81 + 91 + 202 \\ 428 &:= 2^3 + 3^2 + 7^0 + 10^1 + 20^2 = 23 + 32 + 70 + 101 + 202 \\ 428 &:= 2^3 + 4^1 + 4^1 + 12^1 + 20^2 = 23 + 41 + 41 + 121 + 202 \\ 428 &:= 2^3 + 4^1 + 5^1 + 11^1 + 20^2 = 23 + 41 + 51 + 111 + 202 \\ 428 &:= 2^3 + 4^1 + 6^1 + 10^1 + 20^2 = 23 + 41 + 61 + 101 + 202 \end{aligned}$$

$$\begin{aligned} 428 &:= 2^3 + 4^1 + 7^1 + 9^1 + 20^2 = 23 + 41 + 71 + 91 + 202 \\ 428 &:= 2^3 + 4^1 + 8^1 + 8^1 + 20^2 = 23 + 41 + 81 + 81 + 202 \\ 428 &:= 2^3 + 5^0 + 7^2 + 9^1 + 19^2 = 23 + 50 + 72 + 91 + 192 \\ 428 &:= 2^3 + 5^1 + 5^1 + 10^1 + 20^2 = 23 + 51 + 51 + 101 + 202 \\ 428 &:= 2^3 + 5^1 + 6^1 + 9^1 + 20^2 = 23 + 51 + 61 + 91 + 202 \\ 428 &:= 2^3 + 5^1 + 7^1 + 8^1 + 20^2 = 23 + 51 + 71 + 81 + 202 \\ 428 &:= 2^3 + 6^1 + 6^1 + 8^1 + 20^2 = 23 + 61 + 61 + 81 + 202 \\ 428 &:= 2^3 + 6^1 + 7^1 + 7^1 + 20^2 = 23 + 61 + 71 + 71 + 202 \\ 428 &:= 2^4 + 3^0 + 7^2 + 11^0 + 19^2 = 24 + 30 + 72 + 110 + 192 \\ 428 &:= 2^4 + 3^0 + 9^0 + 11^2 + 17^2 = 24 + 30 + 90 + 112 + 172 \\ 428 &:= 2^4 + 3^1 + 8^1 + 9^0 + 20^2 = 24 + 31 + 81 + 90 + 202 \\ 428 &:= 2^4 + 4^0 + 7^2 + 10^0 + 19^2 = 24 + 40 + 72 + 100 + 192 \\ 428 &:= 2^4 + 4^0 + 8^0 + 11^2 + 17^2 = 24 + 40 + 80 + 112 + 172 \\ 428 &:= 2^4 + 4^1 + 7^1 + 9^0 + 20^2 = 24 + 41 + 71 + 90 + 202 \\ 428 &:= 2^4 + 5^0 + 7^0 + 11^2 + 17^2 = 24 + 50 + 70 + 112 + 172 \\ 428 &:= 2^4 + 5^0 + 7^2 + 9^0 + 19^2 = 24 + 50 + 72 + 90 + 192 \\ 428 &:= 2^4 + 5^1 + 6^1 + 9^0 + 20^2 = 24 + 51 + 61 + 90 + 202 \\ 428 &:= 2^4 + 6^0 + 6^0 + 11^2 + 17^2 = 24 + 60 + 60 + 112 + 172 \\ 428 &:= 2^4 + 6^0 + 7^2 + 8^0 + 19^2 = 24 + 60 + 72 + 80 + 192 \\ 428 &:= 2^4 + 7^0 + 7^0 + 7^2 + 19^2 = 24 + 70 + 70 + 72 + 192 \\ 428 &:= 2^5 + 2^7 + 3^5 + 10^0 + 24^1 = 25 + 27 + 35 + 100 + 241 \\ 428 &:= 2^6 + 3^0 + 3^0 + 15^0 + 19^2 = 26 + 30 + 30 + 150 + 192 \\ 428 &:= 2^6 + 3^0 + 4^0 + 14^0 + 19^2 = 26 + 30 + 40 + 140 + 192 \\ 428 &:= 2^6 + 3^0 + 5^0 + 13^0 + 19^2 = 26 + 30 + 50 + 130 + 192 \\ 428 &:= 2^6 + 3^0 + 6^0 + 12^0 + 19^2 = 26 + 30 + 60 + 120 + 192 \\ 428 &:= 2^6 + 3^0 + 7^0 + 11^0 + 19^2 = 26 + 30 + 70 + 110 + 192 \\ 428 &:= 2^6 + 3^0 + 8^0 + 10^0 + 19^2 = 26 + 30 + 80 + 100 + 192 \\ 428 &:= 2^6 + 3^0 + 9^0 + 9^0 + 19^2 = 26 + 30 + 90 + 90 + 192 \\ 428 &:= 2^6 + 4^0 + 4^0 + 13^0 + 19^2 = 26 + 40 + 40 + 130 + 192 \\ 428 &:= 2^6 + 4^0 + 5^0 + 12^0 + 19^2 = 26 + 40 + 50 + 120 + 192 \\ 428 &:= 2^6 + 4^0 + 6^0 + 11^0 + 19^2 = 26 + 40 + 60 + 110 + 192 \\ 428 &:= 2^6 + 4^0 + 7^0 + 10^0 + 19^2 = 26 + 40 + 70 + 100 + 192 \\ 428 &:= 2^6 + 4^0 + 8^0 + 9^0 + 19^2 = 26 + 40 + 80 + 90 + 192 \\ 428 &:= 2^6 + 5^0 + 5^0 + 11^0 + 19^2 = 26 + 50 + 50 + 110 + 192 \\ 428 &:= 2^6 + 5^0 + 6^0 + 10^0 + 19^2 = 26 + 50 + 60 + 100 + 192 \\ 428 &:= 2^6 + 5^0 + 7^0 + 9^0 + 19^2 = 26 + 50 + 70 + 90 + 192 \\ 428 &:= 2^6 + 5^0 + 8^0 + 8^0 + 19^2 = 26 + 50 + 80 + 80 + 192 \\ 428 &:= 2^6 + 6^0 + 6^0 + 9^0 + 19^2 = 26 + 60 + 60 + 90 + 192 \\ 428 &:= 2^6 + 6^0 + 7^0 + 8^0 + 19^2 = 26 + 60 + 70 + 80 + 192 \\ 428 &:= 2^6 + 7^0 + 7^0 + 7^0 + 19^2 = 26 + 70 + 70 + 70 + 192 \\ 428 &:= 2^7 + 2^8 + 4^2 + 6^0 + 27^1 = 27 + 28 + 42 + 60 + 271 \\ 428 &:= 2^7 + 2^8 + 5^2 + 14^0 + 18^1 = 27 + 28 + 52 + 140 + 181 \\ 428 &:= 2^7 + 2^8 + 6^2 + 7^1 + 24^0 = 27 + 28 + 62 + 71 + 240 \\ 428 &:= 3^0 + 3^3 + 8^1 + 14^2 + 14^2 = 30 + 33 + 81 + 142 + 142 \\ 428 &:= 3^0 + 3^5 + 9^0 + 13^2 + 14^1 = 30 + 35 + 90 + 132 + 141 \\ 428 &:= 3^0 + 4^2 + 11^2 + 11^2 + 13^2 = 30 + 42 + 112 + 112 + 132 \\ 428 &:= 3^0 + 4^3 + 8^2 + 10^1 + 17^2 = 30 + 43 + 82 + 101 + 172 \\ 428 &:= 3^0 + 4^4 + 7^2 + 11^2 + 17^0 = 30 + 44 + 72 + 112 + 170 \\ 428 &:= 3^0 + 5^2 + 8^2 + 13^2 + 13^2 = 30 + 52 + 82 + 132 + 132 \\ 428 &:= 3^1 + 3^3 + 6^2 + 11^0 + 19^2 = 31 + 33 + 62 + 110 + 192 \\ 428 &:= 3^1 + 4^1 + 9^2 + 12^2 + 14^2 = 31 + 41 + 92 + 122 + 142 \\ 428 &:= 3^1 + 4^3 + 6^2 + 11^0 + 18^2 = 31 + 43 + 62 + 110 + 182 \\ 428 &:= 3^1 + 4^3 + 7^3 + 11^0 + 17^1 = 31 + 43 + 73 + 110 + 171 \\ 428 &:= 3^1 + 5^1 + 8^2 + 10^2 + 16^2 = 31 + 51 + 82 + 102 + 162 \\ 428 &:= 3^1 + 5^2 + 6^1 + 13^2 + 15^2 = 31 + 52 + 61 + 132 + 152 \\ 428 &:= 3^1 + 6^1 + 7^2 + 9^2 + 17^2 = 31 + 61 + 72 + 92 + 172 \\ 428 &:= 3^1 + 6^3 + 8^2 + 12^2 + 13^0 = 31 + 63 + 82 + 122 + 130 \\ 428 &:= 3^2 + 3^2 + 3^2 + 13^0 + 20^2 = 32 + 32 + 32 + 130 + 202 \\ 428 &:= 3^2 + 4^1 + 5^3 + 13^0 + 17^2 = 32 + 41 + 53 + 130 + 172 \\ 428 &:= 3^2 + 5^0 + 7^2 + 12^2 + 15^2 = 32 + 50 + 72 + 122 + 152 \\ 428 &:= 3^2 + 5^0 + 9^2 + 9^2 + 16^2 = 32 + 50 + 92 + 92 + 162 \\ 428 &:= 3^2 + 6^1 + 6^3 + 13^0 + 14^2 = 32 + 61 + 63 + 130 + 142 \\ 428 &:= 3^2 + 7^3 + 8^2 + 11^1 + 13^0 = 32 + 73 + 82 + 111 + 130 \\ 428 &:= 3^3 + 5^0 + 6^1 + 13^2 + 15^2 = 33 + 50 + 61 + 132 + 152 \\ 428 &:= 3^5 + 4^0 + 8^0 + 13^2 + 14^1 = 35 + 40 + 80 + 132 + 141 \\ 428 &:= 3^5 + 5^0 + 7^0 + 13^2 + 14^1 = 35 + 50 + 70 + 132 + 141 \\ 428 &:= 3^5 + 6^0 + 6^0 + 13^2 + 14^1 = 35 + 60 + 60 + 132 + 141 \\ 428 &:= 4^0 + 4^4 + 7^2 + 11^2 + 16^0 = 40 + 44 + 72 + 112 + 160 \\ 428 &:= 4^1 + 4^1 + 8^2 + 10^2 + 16^2 = 41 + 41 + 82 + 102 + 162 \\ 428 &:= 4^1 + 4^2 + 7^3 + 8^2 + 19^0 = 41 + 42 + 73 + 82 + 190 \\ 428 &:= 4^1 + 4^3 + 7^3 + 11^0 + 16^1 = 41 + 43 + 73 + 110 + 161 \\ 428 &:= 4^1 + 5^1 + 5^2 + 13^2 + 15^2 = 41 + 51 + 52 + 132 + 152 \\ 428 &:= 4^1 + 5^1 + 7^2 + 9^2 + 17^2 = 41 + 51 + 72 + 92 + 172 \\ 428 &:= 4^2 + 5^0 + 7^2 + 7^3 + 19^1 = 42 + 50 + 72 + 73 + 191 \\ 428 &:= 4^2 + 5^2 + 5^2 + 9^0 + 19^2 = 42 + 52 + 52 + 90 + 192 \\ 428 &:= 4^3 + 5^0 + 7^1 + 10^2 + 16^2 = 43 + 50 + 71 + 102 + 162 \end{aligned}$$

$$\begin{aligned}
 428 &:= 4^3 + 5^1 + 7^3 + 11^0 + 15^1 = 43 + 51 + 73 + 110 + 151 \\
 428 &:= 4^3 + 6^1 + 7^3 + 11^0 + 14^1 = 43 + 61 + 73 + 110 + 141 \\
 428 &:= 4^3 + 7^1 + 7^3 + 11^0 + 13^1 = 43 + 71 + 73 + 110 + 131 \\
 428 &:= 4^3 + 7^3 + 10^1 + 10^1 + 11^0 = 43 + 73 + 101 + 101 + 110 \\
 428 &:= 4^3 + 7^3 + 8^1 + 11^0 + 12^1 = 43 + 73 + 81 + 110 + 121 \\
 428 &:= 4^3 + 7^3 + 9^1 + 11^0 + 11^1 = 43 + 73 + 91 + 110 + 111 \\
 428 &:= 4^4 + 5^0 + 7^2 + 11^2 + 15^0 = 44 + 50 + 72 + 112 + 150 \\
 428 &:= 4^4 + 6^0 + 7^2 + 11^2 + 14^0 = 44 + 60 + 72 + 112 + 140 \\
 428 &:= 4^4 + 7^0 + 7^2 + 11^2 + 13^0 = 44 + 70 + 72 + 112 + 130 \\
 428 &:= 4^4 + 7^2 + 10^0 + 10^0 + 11^2 = 44 + 72 + 100 + 100 + 112 \\
 428 &:= 4^4 + 7^2 + 8^0 + 11^2 + 12^0 = 44 + 72 + 80 + 112 + 120
 \end{aligned}$$

$$\begin{aligned}
 428 &:= 4^4 + 7^2 + 9^0 + 11^0 + 11^2 = 44 + 72 + 90 + 110 + 112 \\
 428 &:= 5^0 + 5^2 + 5^2 + 11^2 + 16^2 = 50 + 52 + 52 + 112 + 162 \\
 428 &:= 5^0 + 5^2 + 7^2 + 8^2 + 17^2 = 50 + 52 + 72 + 82 + 172 \\
 428 &:= 5^0 + 5^3 + 6^2 + 10^1 + 16^2 = 50 + 53 + 62 + 101 + 162 \\
 428 &:= 5^0 + 6^3 + 10^2 + 10^2 + 11^1 = 50 + 63 + 102 + 102 + 111 \\
 428 &:= 5^2 + 7^2 + 7^3 + 10^1 + 13^0 = 52 + 72 + 73 + 101 + 130 \\
 428 &:= 5^3 + 6^1 + 7^0 + 10^2 + 14^2 = 53 + 61 + 70 + 102 + 142 \\
 428 &:= 6^1 + 6^2 + 6^3 + 11^0 + 13^2 = 61 + 62 + 63 + 110 + 132 \\
 428 &:= 6^2 + 6^2 + 7^3 + 11^0 + 12^1 = 62 + 62 + 73 + 110 + 121 \\
 428 &:= 6^3 + 7^0 + 9^1 + 9^2 + 11^2 = 63 + 70 + 91 + 92 + 112
 \end{aligned}$$

2.2.330 Number 429

$$\begin{aligned}
 429 &:= 1^4 + 3^3 + 18^0 + 20^2 = 14 + 33 + 180 + 202 \\
 429 &:= 2^2 + 3^4 + 7^3 + 30^0 = 22 + 34 + 73 + 300 \\
 429 &:= 2^4 + 6^3 + 14^2 + 20^0 = 24 + 63 + 142 + 200 \\
 429 &:= 2^6 + 3^1 + 18^0 + 19^2 = 26 + 31 + 180 + 192 \\
 429 &:= 3^5 + 4^2 + 13^2 + 22^0 = 35 + 42 + 132 + 220 \\
 429 &:= 3^5 + 8^2 + 11^2 + 20^0 = 35 + 82 + 112 + 200 \\
 429 &:= 1^0 + 2^1 + 2^6 + 18^0 + 19^2 = 10 + 21 + 26 + 180 + 192 \\
 429 &:= 1^0 + 3^3 + 4^4 + 12^2 + 22^0 = 10 + 33 + 44 + 122 + 220 \\
 429 &:= 1^1 + 3^4 + 11^2 + 12^0 + 15^2 = 11 + 34 + 112 + 120 + 152 \\
 429 &:= 1^1 + 3^5 + 10^0 + 13^2 + 15^1 = 11 + 35 + 100 + 132 + 151 \\
 429 &:= 1^2 + 2^1 + 4^4 + 13^2 + 22^0 = 12 + 21 + 44 + 132 + 220 \\
 429 &:= 1^2 + 2^4 + 8^0 + 11^1 + 20^2 = 12 + 24 + 80 + 111 + 202 \\
 429 &:= 1^2 + 2^6 + 2^8 + 9^2 + 27^1 = 12 + 26 + 28 + 92 + 271 \\
 429 &:= 1^2 + 3^3 + 10^0 + 12^2 + 16^2 = 12 + 33 + 100 + 122 + 162 \\
 429 &:= 1^2 + 4^3 + 7^3 + 10^0 + 20^1 = 12 + 43 + 73 + 100 + 201 \\
 429 &:= 1^3 + 2^1 + 4^3 + 16^0 + 19^2 = 13 + 21 + 43 + 160 + 192 \\
 429 &:= 1^3 + 3^1 + 7^3 + 9^2 + 22^0 = 13 + 31 + 73 + 92 + 220 \\
 429 &:= 1^3 + 5^3 + 6^0 + 13^1 + 17^2 = 13 + 53 + 60 + 131 + 172 \\
 429 &:= 1^3 + 6^0 + 6^3 + 14^2 + 15^1 = 13 + 60 + 63 + 142 + 151 \\
 429 &:= 1^3 + 6^0 + 7^3 + 8^2 + 20^1 = 13 + 60 + 73 + 82 + 201 \\
 429 &:= 1^3 + 6^0 + 9^2 + 11^2 + 15^2 = 13 + 60 + 92 + 112 + 152 \\
 429 &:= 1^4 + 2^1 + 10^0 + 13^2 + 16^2 = 14 + 21 + 100 + 132 + 162 \\
 429 &:= 1^4 + 2^1 + 5^2 + 14^0 + 20^2 = 14 + 21 + 52 + 140 + 202 \\
 429 &:= 1^4 + 2^1 + 8^2 + 12^0 + 19^2 = 14 + 21 + 82 + 120 + 192
 \end{aligned}$$

$$\begin{aligned}
 429 &:= 1^4 + 2^8 + 3^4 + 8^2 + 27^1 = 14 + 28 + 34 + 82 + 271 \\
 429 &:= 1^4 + 3^1 + 10^0 + 10^2 + 18^2 = 14 + 31 + 100 + 102 + 182 \\
 429 &:= 1^4 + 4^2 + 6^0 + 11^1 + 20^2 = 14 + 42 + 60 + 111 + 202 \\
 429 &:= 1^4 + 6^0 + 6^1 + 14^2 + 15^2 = 14 + 60 + 61 + 142 + 152 \\
 429 &:= 1^5 + 2^8 + 3^3 + 11^2 + 24^1 = 15 + 28 + 33 + 112 + 241 \\
 429 &:= 1^6 + 2^2 + 2^8 + 12^2 + 24^1 = 16 + 22 + 28 + 122 + 241 \\
 429 &:= 1^6 + 2^8 + 3^3 + 12^2 + 23^0 = 16 + 28 + 33 + 122 + 230 \\
 429 &:= 1^8 + 2^1 + 2^8 + 13^2 + 23^0 = 18 + 21 + 28 + 132 + 230 \\
 429 &:= 1^8 + 2^6 + 5^2 + 15^1 + 18^2 = 18 + 26 + 52 + 151 + 182 \\
 429 &:= 1^9 + 2^6 + 7^3 + 11^0 + 20^1 = 19 + 26 + 73 + 110 + 201 \\
 429 &:= 1^9 + 2^7 + 10^1 + 11^0 + 17^2 = 19 + 27 + 101 + 110 + 172 \\
 429 &:= 2^0 + 2^1 + 2^6 + 17^0 + 19^2 = 20 + 21 + 26 + 170 + 192 \\
 429 &:= 2^0 + 3^3 + 4^4 + 12^2 + 21^0 = 20 + 33 + 44 + 122 + 210 \\
 429 &:= 2^1 + 2^4 + 10^0 + 11^2 + 17^2 = 21 + 24 + 100 + 112 + 172 \\
 429 &:= 2^1 + 2^4 + 7^2 + 12^0 + 19^2 = 21 + 24 + 72 + 120 + 192 \\
 429 &:= 2^1 + 2^6 + 3^0 + 16^0 + 19^2 = 21 + 26 + 30 + 160 + 192 \\
 429 &:= 2^1 + 2^6 + 4^0 + 15^0 + 19^2 = 21 + 26 + 40 + 150 + 192 \\
 429 &:= 2^1 + 2^6 + 5^0 + 14^0 + 19^2 = 21 + 26 + 50 + 140 + 192 \\
 429 &:= 2^1 + 2^6 + 6^0 + 13^0 + 19^2 = 21 + 26 + 60 + 130 + 192 \\
 429 &:= 2^1 + 2^6 + 7^0 + 12^0 + 19^2 = 21 + 26 + 70 + 120 + 192 \\
 429 &:= 2^1 + 2^6 + 8^0 + 11^0 + 19^2 = 21 + 26 + 80 + 110 + 192 \\
 429 &:= 2^1 + 2^6 + 9^0 + 10^0 + 19^2 = 21 + 26 + 90 + 100 + 192 \\
 429 &:= 2^1 + 3^5 + 10^0 + 13^2 + 14^1 = 21 + 35 + 100 + 132 + 141 \\
 429 &:= 2^1 + 4^4 + 7^2 + 11^2 + 18^0 = 21 + 44 + 72 + 112 + 180
 \end{aligned}$$

$$\begin{aligned}
 429 &:= 2^2 + 2^3 + 4^2 + 14^0 + 20^2 = 22 + 23 + 42 + 140 + 202 \\
 429 &:= 2^2 + 2^4 + 8^1 + 10^0 + 20^2 = 22 + 24 + 81 + 100 + 202 \\
 429 &:= 2^2 + 2^3 + 6^2 + 12^0 + 19^2 = 22 + 33 + 62 + 120 + 192 \\
 429 &:= 2^2 + 4^3 + 6^2 + 12^0 + 18^2 = 22 + 43 + 62 + 120 + 182 \\
 429 &:= 2^2 + 4^3 + 7^3 + 12^0 + 17^1 = 22 + 43 + 73 + 120 + 171 \\
 429 &:= 2^2 + 6^3 + 8^2 + 12^2 + 14^0 = 22 + 63 + 82 + 122 + 140 \\
 429 &:= 2^3 + 2^3 + 6^0 + 12^1 + 20^2 = 23 + 23 + 60 + 121 + 202 \\
 429 &:= 2^3 + 2^6 + 2^8 + 10^2 + 25^0 = 23 + 26 + 28 + 102 + 250 \\
 429 &:= 2^3 + 5^3 + 6^1 + 12^0 + 17^2 = 23 + 53 + 61 + 120 + 172 \\
 429 &:= 2^3 + 6^0 + 8^2 + 10^2 + 16^2 = 23 + 60 + 82 + 102 + 162 \\
 429 &:= 2^3 + 6^3 + 8^1 + 12^0 + 14^2 = 23 + 63 + 81 + 120 + 142 \\
 429 &:= 2^3 + 7^3 + 8^2 + 12^0 + 13^1 = 23 + 73 + 82 + 120 + 131 \\
 429 &:= 2^4 + 2^8 + 3^4 + 7^2 + 27^1 = 24 + 28 + 34 + 72 + 271 \\
 429 &:= 2^4 + 3^1 + 3^2 + 14^0 + 20^2 = 24 + 31 + 32 + 140 + 202 \\
 429 &:= 2^4 + 6^0 + 7^1 + 9^2 + 18^2 = 24 + 60 + 71 + 92 + 182 \\
 429 &:= 2^5 + 2^6 + 3^5 + 8^2 + 26^1 = 25 + 26 + 35 + 82 + 261 \\
 429 &:= 2^6 + 2^8 + 3^3 + 9^2 + 25^0 = 26 + 28 + 33 + 92 + 250 \\
 429 &:= 2^6 + 2^8 + 3^4 + 7^0 + 27^1 = 26 + 28 + 34 + 70 + 271 \\
 429 &:= 2^6 + 2^8 + 6^2 + 7^2 + 24^1 = 26 + 28 + 62 + 72 + 241 \\
 429 &:= 2^7 + 2^8 + 3^3 + 17^0 + 17^1 = 27 + 28 + 33 + 170 + 171 \\
 429 &:= 3^0 + 3^3 + 4^4 + 12^2 + 20^0 = 30 + 33 + 44 + 122 + 200 \\
 429 &:= 3^1 + 3^5 + 10^0 + 13^1 + 13^2 = 31 + 35 + 100 + 131 + 132 \\
 429 &:= 3^1 + 4^4 + 5^2 + 12^2 + 18^0 = 31 + 44 + 52 + 122 + 180 \\
 429 &:= 3^2 + 3^3 + 8^0 + 14^2 + 14^2 = 32 + 33 + 80 + 142 + 142 \\
 429 &:= 3^2 + 3^4 + 4^0 + 14^1 + 18^2 = 32 + 34 + 40 + 141 + 182 \\
 429 &:= 3^2 + 4^0 + 4^4 + 12^2 + 19^1 = 32 + 40 + 44 + 122 + 191 \\
 429 &:= 3^2 + 4^3 + 7^3 + 12^1 + 16^0 = 32 + 43 + 73 + 121 + 160 \\
 429 &:= 3^3 + 3^3 + 4^0 + 13^1 + 19^2 = 33 + 33 + 40 + 131 + 192 \\
 429 &:= 3^3 + 4^0 + 4^3 + 13^1 + 18^2 = 33 + 40 + 43 + 131 + 182 \\
 429 &:= 3^3 + 4^0 + 4^4 + 12^2 + 19^0 = 33 + 40 + 44 + 122 + 190 \\
 429 &:= 3^3 + 4^0 + 6^2 + 7^3 + 22^1 = 33 + 40 + 62 + 73 + 221 \\
 429 &:= 3^3 + 4^0 + 6^3 + 13^2 + 16^1 = 33 + 40 + 63 + 132 + 161
 \end{aligned}$$

$$\begin{aligned}
 429 &:= 3^3 + 4^4 + 10^0 + 12^2 + 13^0 = 33 + 44 + 100 + 122 + 130 \\
 429 &:= 3^3 + 4^4 + 11^0 + 12^0 + 12^2 = 33 + 44 + 110 + 120 + 122 \\
 429 &:= 3^3 + 4^4 + 5^0 + 12^2 + 18^0 = 33 + 44 + 50 + 122 + 180 \\
 429 &:= 3^3 + 4^4 + 6^0 + 12^2 + 17^0 = 33 + 44 + 60 + 122 + 170 \\
 429 &:= 3^3 + 4^4 + 7^0 + 12^2 + 16^0 = 33 + 44 + 70 + 122 + 160 \\
 429 &:= 3^3 + 4^4 + 8^0 + 12^2 + 15^0 = 33 + 44 + 80 + 122 + 150 \\
 429 &:= 3^3 + 4^4 + 9^0 + 12^2 + 14^0 = 33 + 44 + 90 + 122 + 140 \\
 429 &:= 3^3 + 6^0 + 6^2 + 13^2 + 14^2 = 33 + 60 + 62 + 132 + 142 \\
 429 &:= 3^3 + 6^0 + 8^2 + 9^2 + 16^2 = 33 + 60 + 82 + 92 + 162 \\
 429 &:= 3^3 + 7^2 + 7^3 + 9^1 + 16^0 = 33 + 72 + 73 + 91 + 160 \\
 429 &:= 3^4 + 4^0 + 9^1 + 13^2 + 13^2 = 34 + 40 + 91 + 132 + 132 \\
 429 &:= 3^4 + 4^0 + 9^2 + 10^1 + 16^2 = 34 + 40 + 92 + 101 + 162 \\
 429 &:= 3^4 + 4^2 + 7^1 + 10^0 + 18^2 = 34 + 42 + 71 + 100 + 182 \\
 429 &:= 3^4 + 6^0 + 7^1 + 12^2 + 14^2 = 34 + 60 + 71 + 122 + 142 \\
 429 &:= 3^4 + 6^0 + 7^2 + 9^1 + 17^2 = 34 + 60 + 72 + 91 + 172 \\
 429 &:= 3^5 + 4^1 + 10^0 + 12^1 + 13^2 = 35 + 41 + 100 + 121 + 132 \\
 429 &:= 3^5 + 5^1 + 10^0 + 11^1 + 13^2 = 35 + 51 + 100 + 111 + 132 \\
 429 &:= 3^5 + 6^1 + 10^0 + 10^1 + 13^2 = 35 + 61 + 100 + 101 + 132 \\
 429 &:= 3^5 + 7^1 + 9^1 + 10^0 + 13^2 = 35 + 71 + 91 + 100 + 132 \\
 429 &:= 3^5 + 8^1 + 8^1 + 10^0 + 13^2 = 35 + 81 + 81 + 100 + 132 \\
 429 &:= 4^0 + 4^3 + 5^3 + 14^1 + 15^2 = 40 + 43 + 53 + 141 + 152 \\
 429 &:= 4^1 + 4^3 + 6^3 + 12^2 + 16^0 = 41 + 43 + 63 + 122 + 160 \\
 429 &:= 4^2 + 4^3 + 5^1 + 7^3 + 22^0 = 42 + 43 + 51 + 73 + 220 \\
 429 &:= 4^2 + 4^4 + 10^0 + 12^1 + 12^2 = 42 + 44 + 100 + 121 + 122 \\
 429 &:= 4^3 + 4^3 + 6^0 + 11^1 + 17^2 = 43 + 43 + 60 + 111 + 172 \\
 429 &:= 4^4 + 6^0 + 6^2 + 11^2 + 15^1 = 44 + 60 + 62 + 112 + 151 \\
 429 &:= 4^4 + 8^1 + 8^2 + 10^2 + 12^0 = 44 + 81 + 82 + 102 + 120 \\
 429 &:= 4^4 + 9^2 + 9^2 + 10^0 + 10^1 = 44 + 92 + 92 + 100 + 101 \\
 429 &:= 5^3 + 5^3 + 9^1 + 10^0 + 13^2 = 53 + 53 + 91 + 100 + 132 \\
 429 &:= 5^3 + 6^1 + 6^3 + 9^2 + 16^0 = 53 + 61 + 63 + 92 + 160
 \end{aligned}$$

2.2.331 Number 430

$$\begin{aligned}
 430 &:= 2^2 + 2^6 + 19^0 + 19^2 = 22 + 26 + 190 + 192 \\
 430 &:= 2^6 + 13^0 + 13^2 + 14^2 = 26 + 130 + 132 + 142 \\
 430 &:= 2^6 + 7^3 + 11^0 + 22^1 = 26 + 73 + 110 + 221 \\
 430 &:= 2^7 + 11^0 + 12^1 + 17^2 = 27 + 110 + 121 + 172
 \end{aligned}$$

$$\begin{aligned}
 430 &:= 1^0 + 1^5 + 3^3 + 17^0 + 20^2 = 10 + 15 + 33 + 170 + 202 \\
 430 &:= 1^0 + 2^6 + 7^3 + 11^0 + 21^1 = 10 + 26 + 73 + 110 + 211 \\
 430 &:= 1^0 + 2^7 + 11^0 + 11^1 + 17^2 = 10 + 27 + 110 + 111 + 172 \\
 430 &:= 1^0 + 3^5 + 4^3 + 11^2 + 23^0 = 10 + 35 + 43 + 112 + 230
 \end{aligned}$$

$$\begin{aligned}430 &:= 1^1 + 1^4 + 3^3 + 17^0 + 20^2 = 11 + 14 + 33 + 170 + 202 \\430 &:= 1^1 + 2^4 + 6^3 + 14^2 + 19^0 = 11 + 24 + 63 + 142 + 190 \\430 &:= 1^1 + 2^6 + 3^1 + 17^0 + 19^2 = 11 + 26 + 31 + 170 + 192 \\430 &:= 1^1 + 3^5 + 4^2 + 13^2 + 21^0 = 11 + 35 + 42 + 132 + 210 \\430 &:= 1^1 + 3^5 + 8^2 + 11^2 + 19^0 = 11 + 35 + 82 + 112 + 190 \\430 &:= 1^2 + 1^3 + 3^3 + 17^0 + 20^2 = 12 + 13 + 33 + 170 + 202 \\430 &:= 1^2 + 2^2 + 2^3 + 17^1 + 20^2 = 12 + 22 + 23 + 171 + 202 \\430 &:= 1^2 + 2^3 + 11^1 + 11^2 + 17^2 = 12 + 23 + 111 + 112 + 172 \\430 &:= 1^2 + 3^3 + 10^1 + 14^2 + 14^2 = 12 + 33 + 101 + 142 + 142 \\430 &:= 1^2 + 3^4 + 4^1 + 7^3 + 27^0 = 12 + 34 + 41 + 73 + 270 \\430 &:= 1^2 + 3^5 + 9^0 + 13^2 + 16^1 = 12 + 35 + 90 + 132 + 161 \\430 &:= 1^2 + 4^3 + 8^2 + 12^1 + 17^2 = 12 + 43 + 82 + 121 + 172 \\430 &:= 1^2 + 8^2 + 10^2 + 11^2 + 12^2 = 12 + 82 + 102 + 112 + 122 \\430 &:= 1^3 + 2^2 + 3^2 + 16^1 + 20^2 = 13 + 22 + 32 + 161 + 202 \\430 &:= 1^3 + 2^2 + 7^3 + 9^2 + 23^0 = 13 + 22 + 73 + 92 + 230 \\430 &:= 1^3 + 2^4 + 7^0 + 12^1 + 20^2 = 13 + 24 + 70 + 121 + 202 \\430 &:= 1^3 + 3^1 + 4^4 + 13^2 + 21^0 = 13 + 31 + 44 + 132 + 210 \\430 &:= 1^3 + 3^2 + 10^1 + 11^2 + 17^2 = 13 + 32 + 101 + 112 + 172 \\430 &:= 1^3 + 4^2 + 6^3 + 14^2 + 17^0 = 13 + 42 + 63 + 142 + 170 \\430 &:= 1^3 + 4^3 + 7^3 + 9^0 + 21^1 = 13 + 43 + 73 + 90 + 211 \\430 &:= 1^3 + 6^2 + 7^2 + 7^3 + 21^0 = 13 + 62 + 72 + 73 + 210 \\430 &:= 1^4 + 2^2 + 10^2 + 11^0 + 18^2 = 14 + 22 + 102 + 110 + 182 \\430 &:= 1^4 + 3^1 + 4^3 + 15^0 + 19^2 = 14 + 31 + 43 + 150 + 192 \\430 &:= 1^4 + 4^1 + 7^3 + 9^2 + 21^0 = 14 + 41 + 73 + 92 + 210 \\430 &:= 1^4 + 5^0 + 5^3 + 14^1 + 17^2 = 14 + 50 + 53 + 141 + 172 \\430 &:= 1^4 + 5^0 + 6^3 + 14^2 + 16^1 = 14 + 50 + 63 + 142 + 161 \\430 &:= 1^4 + 5^0 + 7^3 + 8^2 + 21^1 = 14 + 50 + 73 + 82 + 211 \\430 &:= 1^4 + 6^2 + 7^0 + 14^2 + 14^2 = 14 + 62 + 70 + 142 + 142 \\430 &:= 1^5 + 2^0 + 3^3 + 16^0 + 20^2 = 15 + 20 + 33 + 160 + 202 \\430 &:= 1^5 + 3^0 + 3^3 + 15^0 + 20^2 = 15 + 30 + 33 + 150 + 202 \\430 &:= 1^5 + 3^1 + 5^2 + 13^0 + 20^2 = 15 + 31 + 52 + 130 + 202 \\430 &:= 1^5 + 3^1 + 8^2 + 11^0 + 19^2 = 15 + 31 + 82 + 110 + 192 \\430 &:= 1^5 + 3^1 + 9^0 + 13^2 + 16^2 = 15 + 31 + 90 + 132 + 162 \\430 &:= 1^5 + 3^3 + 4^0 + 14^0 + 20^2 = 15 + 33 + 40 + 140 + 202 \\430 &:= 1^5 + 3^3 + 5^0 + 13^0 + 20^2 = 15 + 33 + 50 + 130 + 202 \\430 &:= 1^5 + 3^3 + 6^0 + 12^0 + 20^2 = 15 + 33 + 60 + 120 + 202 \\430 &:= 1^5 + 3^3 + 7^0 + 11^0 + 20^2 = 15 + 33 + 70 + 110 + 202 \\430 &:= 1^5 + 3^3 + 8^0 + 10^0 + 20^2 = 15 + 33 + 80 + 100 + 202\end{aligned}$$

$$\begin{aligned}430 &:= 1^5 + 3^3 + 9^0 + 9^0 + 20^2 = 15 + 33 + 90 + 90 + 202 \\430 &:= 1^5 + 4^1 + 9^0 + 10^2 + 18^2 = 15 + 41 + 90 + 102 + 182 \\430 &:= 1^5 + 4^2 + 5^0 + 12^1 + 20^2 = 15 + 42 + 50 + 121 + 202 \\430 &:= 1^5 + 5^0 + 7^1 + 14^2 + 15^2 = 15 + 50 + 71 + 142 + 152 \\430 &:= 1^6 + 1^9 + 3^3 + 16^0 + 20^2 = 16 + 19 + 33 + 160 + 202 \\430 &:= 1^7 + 1^8 + 3^3 + 16^0 + 20^2 = 17 + 18 + 33 + 160 + 202 \\430 &:= 1^7 + 2^6 + 3^5 + 11^2 + 24^0 = 17 + 26 + 35 + 112 + 240 \\430 &:= 1^9 + 2^4 + 3^5 + 13^2 + 22^0 = 19 + 24 + 35 + 132 + 220 \\430 &:= 1^9 + 2^8 + 3^1 + 13^2 + 22^0 = 19 + 28 + 31 + 132 + 220 \\430 &:= 2^0 + 2^6 + 7^3 + 10^0 + 21^1 = 20 + 26 + 73 + 100 + 211 \\430 &:= 2^0 + 2^7 + 10^0 + 11^1 + 17^2 = 20 + 27 + 100 + 111 + 172 \\430 &:= 2^0 + 3^5 + 4^3 + 11^2 + 22^0 = 20 + 35 + 43 + 112 + 220 \\430 &:= 2^1 + 2^1 + 2^6 + 17^0 + 19^2 = 21 + 21 + 26 + 170 + 192 \\430 &:= 2^1 + 3^3 + 4^4 + 12^2 + 21^0 = 21 + 33 + 44 + 122 + 210 \\430 &:= 2^2 + 2^4 + 3^2 + 15^0 + 20^2 = 22 + 24 + 32 + 150 + 202 \\430 &:= 2^2 + 3^3 + 10^1 + 10^2 + 17^2 = 22 + 33 + 101 + 102 + 172 \\430 &:= 2^2 + 3^3 + 5^2 + 13^1 + 19^2 = 22 + 33 + 52 + 131 + 192 \\430 &:= 2^2 + 3^3 + 8^2 + 11^1 + 18^2 = 22 + 33 + 82 + 111 + 182 \\430 &:= 2^2 + 3^5 + 11^0 + 13^1 + 13^2 = 22 + 35 + 110 + 131 + 132 \\430 &:= 2^2 + 4^3 + 5^2 + 13^1 + 18^2 = 22 + 43 + 52 + 131 + 182 \\430 &:= 2^2 + 4^4 + 5^2 + 12^2 + 19^0 = 22 + 44 + 52 + 122 + 190 \\430 &:= 2^2 + 5^2 + 6^2 + 7^3 + 22^1 = 22 + 52 + 62 + 73 + 221 \\430 &:= 2^2 + 5^2 + 6^3 + 13^2 + 16^1 = 22 + 52 + 63 + 132 + 161 \\430 &:= 2^2 + 5^3 + 11^1 + 11^2 + 13^2 = 22 + 53 + 111 + 112 + 132 \\430 &:= 2^2 + 5^3 + 8^2 + 12^1 + 15^2 = 22 + 53 + 82 + 121 + 152 \\430 &:= 2^2 + 6^2 + 10^2 + 11^2 + 13^2 = 22 + 62 + 102 + 112 + 132 \\430 &:= 2^2 + 7^2 + 8^2 + 12^2 + 13^2 = 22 + 72 + 82 + 122 + 132 \\430 &:= 2^2 + 7^2 + 9^2 + 10^2 + 14^2 = 22 + 72 + 92 + 102 + 142 \\430 &:= 2^3 + 2^4 + 5^1 + 13^0 + 20^2 = 23 + 24 + 51 + 130 + 202 \\430 &:= 2^3 + 3^0 + 3^4 + 16^1 + 18^2 = 23 + 30 + 34 + 161 + 182 \\430 &:= 2^3 + 3^0 + 4^4 + 12^2 + 21^1 = 23 + 30 + 44 + 122 + 211 \\430 &:= 2^3 + 3^2 + 6^3 + 14^2 + 17^0 = 23 + 32 + 63 + 142 + 170 \\430 &:= 2^3 + 3^3 + 9^0 + 13^2 + 15^2 = 23 + 33 + 90 + 132 + 152 \\430 &:= 2^3 + 4^3 + 7^3 + 14^1 + 15^0 = 23 + 43 + 73 + 141 + 150 \\430 &:= 2^3 + 5^1 + 10^2 + 11^2 + 14^2 = 23 + 51 + 102 + 112 + 142 \\430 &:= 2^3 + 5^2 + 5^2 + 11^1 + 19^2 = 23 + 52 + 52 + 111 + 192 \\430 &:= 2^3 + 5^2 + 8^1 + 10^2 + 17^2 = 23 + 52 + 81 + 102 + 172 \\430 &:= 2^3 + 5^2 + 8^2 + 9^1 + 18^2 = 23 + 52 + 82 + 91 + 182\end{aligned}$$

$$\begin{aligned}
 430 &:= 2^3 + 5^3 + 10^2 + 11^0 + 14^2 = 23 + 53 + 102 + 110 + 142 \\
 430 &:= 2^3 + 6^2 + 6^3 + 13^2 + 15^0 = 23 + 62 + 63 + 132 + 150 \\
 430 &:= 2^4 + 4^2 + 6^2 + 11^0 + 19^2 = 24 + 42 + 62 + 110 + 192 \\
 430 &:= 2^4 + 5^0 + 10^2 + 12^2 + 13^2 = 24 + 50 + 102 + 122 + 132 \\
 430 &:= 2^4 + 5^0 + 7^2 + 7^3 + 21^1 = 24 + 50 + 72 + 73 + 211 \\
 430 &:= 2^4 + 5^2 + 8^2 + 9^0 + 18^2 = 24 + 52 + 82 + 90 + 182 \\
 430 &:= 2^4 + 6^1 + 7^3 + 8^2 + 19^0 = 24 + 61 + 73 + 82 + 190 \\
 430 &:= 2^4 + 6^2 + 7^0 + 11^2 + 16^2 = 24 + 62 + 70 + 112 + 162 \\
 430 &:= 2^5 + 3^1 + 9^0 + 13^2 + 15^2 = 25 + 31 + 90 + 132 + 152 \\
 430 &:= 2^5 + 5^0 + 5^2 + 11^1 + 19^2 = 25 + 50 + 52 + 111 + 192 \\
 430 &:= 2^5 + 5^0 + 8^1 + 10^2 + 17^2 = 25 + 50 + 81 + 102 + 172 \\
 430 &:= 2^5 + 5^0 + 8^2 + 9^1 + 18^2 = 25 + 50 + 82 + 91 + 182 \\
 430 &:= 2^5 + 5^1 + 7^0 + 14^2 + 14^2 = 25 + 51 + 70 + 142 + 142 \\
 430 &:= 2^6 + 3^0 + 7^3 + 9^0 + 21^1 = 26 + 30 + 73 + 90 + 211 \\
 430 &:= 2^6 + 4^0 + 7^3 + 8^0 + 21^1 = 26 + 40 + 73 + 80 + 211 \\
 430 &:= 2^6 + 5^0 + 7^0 + 7^3 + 21^1 = 26 + 50 + 70 + 73 + 211 \\
 430 &:= 2^6 + 6^0 + 6^0 + 7^3 + 21^1 = 26 + 60 + 60 + 73 + 211 \\
 430 &:= 2^7 + 3^0 + 9^0 + 11^1 + 17^2 = 27 + 30 + 90 + 111 + 172 \\
 430 &:= 2^7 + 4^0 + 8^0 + 11^1 + 17^2 = 27 + 40 + 80 + 111 + 172 \\
 430 &:= 2^7 + 5^0 + 7^0 + 11^1 + 17^2 = 27 + 50 + 70 + 111 + 172 \\
 430 &:= 2^7 + 6^0 + 6^0 + 11^1 + 17^2 = 27 + 60 + 60 + 111 + 172 \\
 430 &:= 3^0 + 3^5 + 4^3 + 11^2 + 21^0 = 30 + 35 + 43 + 112 + 210 \\
 430 &:= 3^0 + 4^3 + 5^3 + 6^3 + 24^1 = 30 + 43 + 53 + 63 + 241 \\
 430 &:= 3^2 + 3^5 + 8^1 + 13^2 + 15^0 = 32 + 35 + 81 + 132 + 150 \\
 430 &:= 3^2 + 4^4 + 8^2 + 10^2 + 17^0 = 32 + 44 + 82 + 102 + 170 \\
 430 &:= 3^2 + 5^2 + 10^2 + 10^2 + 14^2 = 32 + 52 + 102 + 102 + 142 \\
 430 &:= 3^3 + 4^3 + 7^2 + 11^0 + 17^2 = 33 + 43 + 72 + 110 + 172 \\
 430 &:= 3^3 + 4^3 + 9^0 + 13^2 + 13^2 = 33 + 43 + 90 + 132 + 132 \\
 430 &:= 3^3 + 5^1 + 9^2 + 11^2 + 14^2 = 33 + 51 + 92 + 112 + 142 \\
 430 &:= 3^3 + 5^2 + 8^1 + 9^2 + 17^2 = 33 + 52 + 81 + 92 + 172
 \end{aligned}$$

$$\begin{aligned}
 430 &:= 3^3 + 5^3 + 9^2 + 11^0 + 14^2 = 33 + 53 + 92 + 110 + 142 \\
 430 &:= 3^4 + 6^3 + 11^0 + 11^1 + 11^2 = 34 + 63 + 110 + 111 + 112 \\
 430 &:= 3^5 + 4^0 + 4^3 + 11^2 + 20^0 = 35 + 40 + 43 + 112 + 200 \\
 430 &:= 3^5 + 4^3 + 10^0 + 11^2 + 14^0 = 35 + 43 + 100 + 112 + 140 \\
 430 &:= 3^5 + 4^3 + 11^0 + 11^2 + 13^0 = 35 + 43 + 110 + 112 + 130 \\
 430 &:= 3^5 + 4^3 + 11^2 + 12^0 + 12^0 = 35 + 43 + 112 + 120 + 120 \\
 430 &:= 3^5 + 4^3 + 5^0 + 11^2 + 19^0 = 35 + 43 + 50 + 112 + 190 \\
 430 &:= 3^5 + 4^3 + 6^0 + 11^2 + 18^0 = 35 + 43 + 60 + 112 + 180 \\
 430 &:= 3^5 + 4^3 + 7^0 + 11^2 + 17^0 = 35 + 43 + 70 + 112 + 170 \\
 430 &:= 3^5 + 4^3 + 8^0 + 11^2 + 16^0 = 35 + 43 + 80 + 112 + 160 \\
 430 &:= 3^5 + 4^3 + 9^0 + 11^2 + 15^0 = 35 + 43 + 90 + 112 + 150 \\
 430 &:= 3^5 + 5^0 + 5^2 + 12^2 + 17^1 = 35 + 50 + 52 + 122 + 171 \\
 430 &:= 3^5 + 5^0 + 7^2 + 11^2 + 16^1 = 35 + 50 + 72 + 112 + 161 \\
 430 &:= 3^5 + 5^1 + 9^2 + 10^2 + 15^0 = 35 + 51 + 92 + 102 + 150 \\
 430 &:= 3^5 + 6^1 + 6^2 + 12^2 + 15^0 = 35 + 61 + 62 + 122 + 150 \\
 430 &:= 4^2 + 4^2 + 9^2 + 11^2 + 14^2 = 42 + 42 + 92 + 112 + 142 \\
 430 &:= 4^2 + 4^4 + 6^2 + 11^2 + 17^0 = 42 + 44 + 62 + 112 + 170 \\
 430 &:= 4^2 + 5^2 + 5^2 + 7^3 + 21^1 = 42 + 52 + 52 + 73 + 211 \\
 430 &:= 4^2 + 5^2 + 7^2 + 12^2 + 14^2 = 42 + 52 + 72 + 122 + 142 \\
 430 &:= 4^2 + 5^2 + 8^2 + 10^2 + 15^2 = 42 + 52 + 82 + 102 + 152 \\
 430 &:= 4^2 + 6^3 + 8^2 + 11^2 + 13^1 = 42 + 63 + 82 + 112 + 131 \\
 430 &:= 4^3 + 4^4 + 9^1 + 10^2 + 15^0 = 43 + 44 + 91 + 102 + 150 \\
 430 &:= 4^3 + 6^1 + 8^2 + 10^2 + 14^2 = 43 + 61 + 82 + 102 + 142 \\
 430 &:= 4^3 + 6^3 + 7^2 + 10^2 + 15^0 = 43 + 63 + 72 + 102 + 150 \\
 430 &:= 4^4 + 5^0 + 5^2 + 5^3 + 23^1 = 44 + 50 + 52 + 53 + 231 \\
 430 &:= 4^4 + 5^3 + 6^2 + 12^1 + 15^0 = 44 + 53 + 62 + 121 + 150 \\
 430 &:= 5^2 + 6^2 + 7^2 + 8^2 + 16^2 = 52 + 62 + 72 + 82 + 162 \\
 430 &:= 5^3 + 6^2 + 8^2 + 9^1 + 14^2 = 53 + 62 + 82 + 91 + 142 \\
 430 &:= 5^3 + 8^1 + 8^2 + 8^2 + 13^2 = 53 + 81 + 82 + 82 + 132
 \end{aligned}$$

2.2.332 Number 431

$$\begin{aligned}
 431 &:= 2^8 + 5^1 + 13^2 + 22^0 = 28 + 51 + 132 + 220 \\
 431 &:= 1^0 + 2^8 + 4^1 + 13^2 + 22^0 = 10 + 28 + 41 + 132 + 220 \\
 431 &:= 1^1 + 2^2 + 2^6 + 18^0 + 19^2 = 11 + 22 + 26 + 180 + 192 \\
 431 &:= 1^1 + 2^6 + 12^0 + 13^2 + 14^2 = 11 + 26 + 120 + 132 + 142 \\
 431 &:= 1^1 + 2^6 + 7^3 + 10^0 + 22^1 = 11 + 26 + 73 + 100 + 221
 \end{aligned}$$

$$\begin{aligned}
 431 &:= 1^1 + 2^7 + 10^0 + 12^1 + 17^2 = 11 + 27 + 100 + 121 + 172 \\
 431 &:= 1^2 + 2^5 + 6^2 + 14^0 + 19^2 = 12 + 25 + 62 + 140 + 192 \\
 431 &:= 1^2 + 2^6 + 4^1 + 16^0 + 19^2 = 12 + 26 + 41 + 160 + 192 \\
 431 &:= 1^3 + 2^2 + 4^4 + 13^2 + 22^0 = 13 + 22 + 44 + 132 + 220 \\
 431 &:= 1^3 + 3^4 + 5^1 + 7^3 + 26^0 = 13 + 34 + 51 + 73 + 260
 \end{aligned}$$

$$\begin{aligned}431 &:= 1^3 + 3^5 + 8^0 + 13^2 + 17^1 = 13 + 35 + 80 + 132 + 171 \\431 &:= 1^4 + 2^2 + 4^3 + 16^0 + 19^2 = 14 + 22 + 43 + 160 + 192 \\431 &:= 1^4 + 2^3 + 10^0 + 14^2 + 15^2 = 14 + 23 + 100 + 142 + 152 \\431 &:= 1^4 + 2^4 + 6^0 + 13^1 + 20^2 = 14 + 24 + 60 + 131 + 202 \\431 &:= 1^4 + 4^1 + 4^4 + 13^2 + 20^0 = 14 + 41 + 44 + 132 + 200 \\431 &:= 1^4 + 4^3 + 10^0 + 13^2 + 14^2 = 14 + 43 + 100 + 132 + 142 \\431 &:= 1^4 + 4^3 + 7^3 + 8^0 + 22^1 = 14 + 43 + 73 + 80 + 221 \\431 &:= 1^5 + 2^1 + 3^3 + 16^0 + 20^2 = 15 + 21 + 33 + 160 + 202 \\431 &:= 1^5 + 2^2 + 10^0 + 13^2 + 16^2 = 15 + 22 + 100 + 132 + 162 \\431 &:= 1^5 + 2^2 + 5^2 + 14^0 + 20^2 = 15 + 22 + 52 + 140 + 202 \\431 &:= 1^5 + 2^2 + 8^2 + 12^0 + 19^2 = 15 + 22 + 82 + 120 + 192 \\431 &:= 1^5 + 4^0 + 5^3 + 15^1 + 17^2 = 15 + 40 + 53 + 151 + 172 \\431 &:= 1^5 + 4^0 + 6^3 + 14^2 + 17^1 = 15 + 40 + 63 + 142 + 171 \\431 &:= 1^5 + 4^0 + 7^3 + 8^2 + 22^1 = 15 + 40 + 73 + 82 + 221 \\431 &:= 1^5 + 4^1 + 4^3 + 14^0 + 19^2 = 15 + 41 + 43 + 140 + 192 \\431 &:= 1^5 + 5^1 + 7^3 + 9^2 + 20^0 = 15 + 51 + 73 + 92 + 200 \\431 &:= 1^5 + 6^0 + 8^2 + 13^2 + 14^2 = 15 + 60 + 82 + 132 + 142 \\431 &:= 1^6 + 4^0 + 4^2 + 13^1 + 20^2 = 16 + 40 + 42 + 131 + 202 \\431 &:= 1^6 + 4^0 + 8^1 + 14^2 + 15^2 = 16 + 40 + 81 + 142 + 152 \\431 &:= 1^6 + 4^1 + 5^2 + 12^0 + 20^2 = 16 + 41 + 52 + 120 + 202 \\431 &:= 1^6 + 4^1 + 8^0 + 13^2 + 16^2 = 16 + 41 + 80 + 132 + 162 \\431 &:= 1^6 + 4^1 + 8^2 + 10^0 + 19^2 = 16 + 41 + 82 + 100 + 192 \\431 &:= 1^6 + 5^1 + 8^0 + 10^2 + 18^2 = 16 + 51 + 80 + 102 + 182 \\431 &:= 1^8 + 2^7 + 3^3 + 16^2 + 19^1 = 18 + 27 + 33 + 162 + 191 \\431 &:= 1^9 + 2^2 + 2^8 + 13^2 + 23^0 = 19 + 22 + 28 + 132 + 230 \\431 &:= 1^9 + 2^7 + 12^2 + 12^2 + 14^1 = 19 + 27 + 122 + 122 + 141 \\431 &:= 1^9 + 3^4 + 3^5 + 9^2 + 25^1 = 19 + 34 + 35 + 92 + 251 \\431 &:= 2^0 + 2^5 + 5^3 + 16^2 + 17^1 = 20 + 25 + 53 + 162 + 171 \\431 &:= 2^0 + 2^6 + 8^2 + 13^1 + 17^2 = 20 + 26 + 82 + 131 + 172 \\431 &:= 2^0 + 2^8 + 4^1 + 13^2 + 21^0 = 20 + 28 + 41 + 132 + 210 \\431 &:= 2^0 + 3^5 + 4^3 + 10^2 + 23^1 = 20 + 35 + 43 + 102 + 231 \\431 &:= 2^0 + 3^5 + 5^3 + 6^2 + 26^1 = 20 + 35 + 53 + 62 + 261 \\431 &:= 2^1 + 2^6 + 7^3 + 10^0 + 21^1 = 21 + 26 + 73 + 100 + 211 \\431 &:= 2^1 + 2^7 + 10^0 + 11^1 + 17^2 = 21 + 27 + 100 + 111 + 172 \\431 &:= 2^1 + 3^5 + 4^3 + 11^2 + 22^0 = 21 + 35 + 43 + 112 + 220 \\431 &:= 2^2 + 2^5 + 10^0 + 13^2 + 15^2 = 22 + 25 + 100 + 132 + 152 \\431 &:= 2^3 + 2^3 + 5^3 + 16^0 + 17^2 = 23 + 23 + 53 + 160 + 172 \\431 &:= 2^3 + 3^5 + 10^1 + 13^2 + 14^0 = 23 + 35 + 101 + 132 + 140\end{aligned}$$

$$\begin{aligned}431 &:= 2^3 + 5^3 + 6^3 + 9^2 + 20^0 = 23 + 53 + 63 + 92 + 200 \\431 &:= 2^4 + 3^4 + 9^1 + 10^0 + 18^2 = 24 + 34 + 91 + 100 + 182 \\431 &:= 2^4 + 4^3 + 7^1 + 7^3 + 22^0 = 24 + 43 + 71 + 73 + 220 \\431 &:= 2^4 + 4^4 + 10^0 + 12^2 + 14^1 = 24 + 44 + 100 + 122 + 141 \\431 &:= 2^4 + 5^3 + 8^2 + 12^0 + 15^2 = 24 + 53 + 82 + 120 + 152 \\431 &:= 2^5 + 2^7 + 2^8 + 14^1 + 21^0 = 25 + 27 + 28 + 141 + 210 \\431 &:= 2^5 + 3^2 + 10^0 + 10^2 + 17^2 = 25 + 32 + 100 + 102 + 172 \\431 &:= 2^5 + 3^3 + 8^0 + 10^1 + 19^2 = 25 + 33 + 80 + 101 + 192 \\431 &:= 2^5 + 4^3 + 8^0 + 10^1 + 18^2 = 25 + 43 + 80 + 101 + 182 \\431 &:= 2^5 + 5^2 + 7^2 + 10^0 + 18^2 = 25 + 52 + 72 + 100 + 182 \\431 &:= 2^5 + 6^0 + 9^2 + 11^2 + 14^2 = 25 + 60 + 92 + 112 + 142 \\431 &:= 2^5 + 6^1 + 7^2 + 7^3 + 20^0 = 25 + 61 + 72 + 73 + 200 \\431 &:= 2^5 + 6^2 + 7^3 + 8^0 + 19^1 = 25 + 62 + 73 + 80 + 191 \\431 &:= 2^5 + 6^3 + 8^0 + 13^1 + 13^2 = 25 + 63 + 80 + 131 + 132 \\431 &:= 2^6 + 3^1 + 7^3 + 10^0 + 20^1 = 26 + 31 + 73 + 100 + 201 \\431 &:= 2^6 + 4^0 + 10^1 + 10^2 + 16^2 = 26 + 40 + 101 + 102 + 162 \\431 &:= 2^6 + 4^1 + 7^3 + 10^0 + 19^1 = 26 + 41 + 73 + 100 + 191 \\431 &:= 2^6 + 5^1 + 7^3 + 10^0 + 18^1 = 26 + 51 + 73 + 100 + 181 \\431 &:= 2^6 + 6^1 + 6^2 + 10^0 + 18^2 = 26 + 61 + 62 + 100 + 182 \\431 &:= 2^6 + 6^1 + 7^3 + 10^0 + 17^1 = 26 + 61 + 73 + 100 + 171 \\431 &:= 2^6 + 7^1 + 7^3 + 10^0 + 16^1 = 26 + 71 + 73 + 100 + 161 \\431 &:= 2^6 + 7^3 + 10^0 + 10^1 + 13^1 = 26 + 73 + 100 + 101 + 131 \\431 &:= 2^6 + 7^3 + 10^0 + 11^1 + 12^1 = 26 + 73 + 100 + 111 + 121 \\431 &:= 2^6 + 7^3 + 8^1 + 10^0 + 15^1 = 26 + 73 + 81 + 100 + 151 \\431 &:= 2^6 + 7^3 + 9^1 + 10^0 + 14^1 = 26 + 73 + 91 + 100 + 141 \\431 &:= 2^7 + 3^1 + 10^0 + 10^1 + 17^2 = 27 + 31 + 100 + 101 + 172 \\431 &:= 2^7 + 4^1 + 9^1 + 10^0 + 17^2 = 27 + 41 + 91 + 100 + 172 \\431 &:= 2^7 + 5^1 + 8^1 + 10^0 + 17^2 = 27 + 51 + 81 + 100 + 172 \\431 &:= 2^7 + 6^1 + 7^1 + 10^0 + 17^2 = 27 + 61 + 71 + 100 + 172 \\431 &:= 2^8 + 3^0 + 4^1 + 13^2 + 20^0 = 28 + 30 + 41 + 132 + 200 \\431 &:= 2^8 + 4^0 + 4^1 + 13^2 + 19^0 = 28 + 40 + 41 + 132 + 190 \\431 &:= 2^8 + 4^1 + 10^0 + 13^0 + 13^2 = 28 + 41 + 100 + 130 + 132 \\431 &:= 2^8 + 4^1 + 11^0 + 12^0 + 13^2 = 28 + 41 + 110 + 120 + 132 \\431 &:= 2^8 + 4^1 + 5^0 + 13^2 + 18^0 = 28 + 41 + 50 + 132 + 180 \\431 &:= 2^8 + 4^1 + 6^0 + 13^2 + 17^0 = 28 + 41 + 60 + 132 + 170 \\431 &:= 2^8 + 4^1 + 7^0 + 13^2 + 16^0 = 28 + 41 + 70 + 132 + 160 \\431 &:= 2^8 + 4^1 + 8^0 + 13^2 + 15^0 = 28 + 41 + 80 + 132 + 150 \\431 &:= 2^8 + 4^1 + 9^0 + 13^2 + 14^0 = 28 + 41 + 90 + 132 + 140\end{aligned}$$

$$\begin{aligned}
 431 &:= 3^2 + 3^2 + 3^5 + 13^2 + 20^0 = 32 + 32 + 35 + 132 + 200 \\
 431 &:= 3^3 + 3^5 + 8^0 + 12^2 + 16^1 = 33 + 35 + 80 + 122 + 161 \\
 431 &:= 3^3 + 4^4 + 5^3 + 8^0 + 22^1 = 33 + 44 + 53 + 80 + 221 \\
 431 &:= 3^4 + 3^4 + 8^0 + 12^1 + 16^2 = 34 + 34 + 80 + 121 + 162 \\
 431 &:= 3^4 + 4^4 + 9^2 + 12^1 + 14^0 = 34 + 44 + 92 + 121 + 140
 \end{aligned}$$

$$\begin{aligned}
 431 &:= 3^4 + 5^3 + 6^3 + 8^1 + 20^0 = 34 + 53 + 63 + 81 + 200 \\
 431 &:= 3^5 + 5^2 + 9^2 + 9^2 + 16^0 = 35 + 52 + 92 + 92 + 160 \\
 431 &:= 3^5 + 5^3 + 7^2 + 13^1 + 14^0 = 35 + 53 + 72 + 131 + 140 \\
 431 &:= 4^3 + 5^2 + 5^3 + 6^3 + 22^0 = 43 + 52 + 53 + 63 + 220
 \end{aligned}$$

2.2.333 Number 432

$$\begin{aligned}
 432 &:= 2^5 + 3^3 + 7^3 + 30^1 = 25 + 33 + 73 + 301 \\
 432 &:= 2^7 + 12^2 + 12^2 + 16^1 = 27 + 122 + 122 + 161 \\
 432 &:= 3^4 + 3^5 + 9^2 + 27^1 = 34 + 35 + 92 + 271 \\
 432 &:= 3^4 + 4^3 + 4^4 + 31^1 = 34 + 43 + 44 + 311 \\
 432 &:= 1^0 + 2^7 + 12^2 + 12^2 + 15^1 = 10 + 27 + 122 + 122 + 151 \\
 432 &:= 1^0 + 3^4 + 3^5 + 9^2 + 26^1 = 10 + 34 + 35 + 92 + 261 \\
 432 &:= 1^1 + 2^5 + 5^3 + 16^2 + 18^1 = 11 + 25 + 53 + 162 + 181 \\
 432 &:= 1^1 + 2^6 + 8^2 + 14^1 + 17^2 = 11 + 26 + 82 + 141 + 172 \\
 432 &:= 1^1 + 2^8 + 5^1 + 13^2 + 21^0 = 11 + 28 + 51 + 132 + 210 \\
 432 &:= 1^1 + 3^5 + 4^3 + 10^2 + 24^1 = 11 + 35 + 43 + 102 + 241 \\
 432 &:= 1^1 + 3^5 + 5^3 + 6^2 + 27^1 = 11 + 35 + 53 + 62 + 271 \\
 432 &:= 1^2 + 2^3 + 3^4 + 18^1 + 18^2 = 12 + 23 + 34 + 181 + 182 \\
 432 &:= 1^2 + 2^3 + 4^4 + 12^2 + 23^1 = 12 + 23 + 44 + 122 + 231 \\
 432 &:= 1^2 + 2^6 + 7^3 + 9^0 + 23^1 = 12 + 26 + 73 + 90 + 231 \\
 432 &:= 1^2 + 2^7 + 9^0 + 13^1 + 17^2 = 12 + 27 + 90 + 131 + 172 \\
 432 &:= 1^2 + 4^3 + 5^3 + 6^3 + 26^1 = 12 + 43 + 53 + 63 + 261 \\
 432 &:= 1^3 + 2^4 + 5^3 + 17^0 + 17^2 = 13 + 24 + 53 + 170 + 172 \\
 432 &:= 1^3 + 2^6 + 5^1 + 15^0 + 19^2 = 13 + 26 + 51 + 150 + 192 \\
 432 &:= 1^3 + 3^2 + 3^4 + 17^1 + 18^2 = 13 + 32 + 34 + 171 + 182 \\
 432 &:= 1^3 + 3^2 + 4^4 + 12^2 + 22^1 = 13 + 32 + 44 + 122 + 221 \\
 432 &:= 1^3 + 3^3 + 3^3 + 16^1 + 19^2 = 13 + 33 + 33 + 161 + 192 \\
 432 &:= 1^3 + 3^3 + 4^3 + 16^1 + 18^2 = 13 + 33 + 43 + 161 + 182 \\
 432 &:= 1^3 + 3^3 + 6^2 + 7^3 + 25^1 = 13 + 33 + 62 + 73 + 251 \\
 432 &:= 1^3 + 3^3 + 6^3 + 13^2 + 19^1 = 13 + 33 + 63 + 132 + 191 \\
 432 &:= 1^3 + 3^4 + 12^1 + 13^2 + 13^2 = 13 + 34 + 121 + 132 + 132 \\
 432 &:= 1^3 + 3^4 + 9^2 + 13^1 + 16^2 = 13 + 34 + 92 + 131 + 162 \\
 432 &:= 1^3 + 4^3 + 5^3 + 15^2 + 17^1 = 13 + 43 + 53 + 152 + 171 \\
 432 &:= 1^3 + 4^4 + 5^3 + 7^2 + 25^0 = 13 + 44 + 53 + 72 + 250 \\
 432 &:= 1^4 + 2^3 + 7^2 + 13^1 + 19^2 = 14 + 23 + 72 + 131 + 192 \\
 432 &:= 1^4 + 3^3 + 10^1 + 13^2 + 15^2 = 14 + 33 + 101 + 132 + 152
 \end{aligned}$$

$$\begin{aligned}
 432 &:= 1^4 + 3^4 + 5^2 + 15^0 + 18^2 = 14 + 34 + 52 + 150 + 182 \\
 432 &:= 1^4 + 3^4 + 6^1 + 7^3 + 25^0 = 14 + 34 + 61 + 73 + 250 \\
 432 &:= 1^4 + 3^5 + 7^0 + 13^2 + 18^1 = 14 + 35 + 70 + 132 + 181 \\
 432 &:= 1^4 + 4^2 + 7^2 + 7^3 + 23^1 = 14 + 42 + 72 + 73 + 231 \\
 432 &:= 1^4 + 4^3 + 10^2 + 11^1 + 16^2 = 14 + 43 + 102 + 111 + 162 \\
 432 &:= 1^4 + 5^3 + 6^2 + 14^1 + 16^2 = 14 + 53 + 62 + 141 + 162 \\
 432 &:= 1^4 + 6^3 + 10^2 + 10^2 + 15^1 = 14 + 63 + 102 + 102 + 151 \\
 432 &:= 1^4 + 9^2 + 9^2 + 10^2 + 13^2 = 14 + 92 + 92 + 102 + 132 \\
 432 &:= 1^5 + 2^4 + 5^0 + 14^1 + 20^2 = 15 + 24 + 50 + 141 + 202 \\
 432 &:= 1^5 + 3^2 + 7^2 + 12^1 + 19^2 = 15 + 32 + 72 + 121 + 192 \\
 432 &:= 1^5 + 4^2 + 5^3 + 15^0 + 17^2 = 15 + 42 + 53 + 150 + 172 \\
 432 &:= 1^5 + 4^2 + 9^2 + 10^1 + 18^2 = 15 + 42 + 92 + 101 + 182 \\
 432 &:= 1^5 + 4^3 + 7^0 + 7^3 + 23^1 = 15 + 43 + 70 + 73 + 231 \\
 432 &:= 1^5 + 4^4 + 5^1 + 13^2 + 19^0 = 15 + 44 + 51 + 132 + 190 \\
 432 &:= 1^5 + 5^3 + 7^2 + 13^0 + 16^2 = 15 + 53 + 72 + 130 + 162 \\
 432 &:= 1^5 + 6^1 + 10^2 + 10^2 + 15^2 = 15 + 61 + 102 + 102 + 152 \\
 432 &:= 1^5 + 7^2 + 7^2 + 9^1 + 18^2 = 15 + 72 + 72 + 91 + 182 \\
 432 &:= 1^6 + 3^0 + 5^3 + 16^1 + 17^2 = 16 + 30 + 53 + 161 + 172 \\
 432 &:= 1^6 + 3^0 + 6^3 + 14^2 + 18^1 = 16 + 30 + 63 + 142 + 181 \\
 432 &:= 1^6 + 3^0 + 7^3 + 8^2 + 23^1 = 16 + 30 + 73 + 82 + 231 \\
 432 &:= 1^6 + 3^1 + 3^3 + 15^0 + 20^2 = 16 + 31 + 33 + 150 + 202 \\
 432 &:= 1^6 + 3^2 + 9^0 + 14^2 + 15^2 = 16 + 32 + 90 + 142 + 152 \\
 432 &:= 1^6 + 4^3 + 5^1 + 13^0 + 19^2 = 16 + 43 + 51 + 130 + 192 \\
 432 &:= 1^6 + 5^2 + 9^0 + 9^2 + 18^2 = 16 + 52 + 90 + 92 + 182 \\
 432 &:= 1^6 + 6^1 + 7^3 + 9^2 + 19^0 = 16 + 61 + 73 + 92 + 190 \\
 432 &:= 1^6 + 6^2 + 7^0 + 13^2 + 15^2 = 16 + 62 + 70 + 132 + 152 \\
 432 &:= 1^7 + 3^0 + 4^2 + 14^1 + 20^2 = 17 + 30 + 42 + 141 + 202 \\
 432 &:= 1^7 + 3^0 + 9^1 + 14^2 + 15^2 = 17 + 30 + 91 + 142 + 152 \\
 432 &:= 1^7 + 5^1 + 5^2 + 11^0 + 20^2 = 17 + 51 + 52 + 110 + 202 \\
 432 &:= 1^7 + 5^1 + 7^0 + 13^2 + 16^2 = 17 + 51 + 70 + 132 + 162
 \end{aligned}$$

$$\begin{aligned}432 &:= 1^7 + 5^1 + 8^2 + 9^0 + 19^2 = 17 + 51 + 82 + 90 + 192 \\432 &:= 1^7 + 6^1 + 7^0 + 10^2 + 18^2 = 17 + 61 + 70 + 102 + 182 \\432 &:= 1^9 + 2^8 + 5^3 + 7^2 + 26^0 = 19 + 28 + 53 + 72 + 260 \\432 &:= 2^1 + 2^5 + 5^3 + 16^2 + 17^1 = 21 + 25 + 53 + 162 + 171 \\432 &:= 2^1 + 2^6 + 8^2 + 13^1 + 17^2 = 21 + 26 + 82 + 131 + 172 \\432 &:= 2^1 + 2^8 + 4^1 + 13^2 + 21^0 = 21 + 28 + 41 + 132 + 210 \\432 &:= 2^1 + 3^5 + 4^3 + 10^2 + 23^1 = 21 + 35 + 43 + 102 + 231 \\432 &:= 2^1 + 3^5 + 5^3 + 6^2 + 26^1 = 21 + 35 + 53 + 62 + 261 \\432 &:= 2^2 + 2^6 + 7^3 + 11^0 + 20^1 = 22 + 26 + 73 + 110 + 201 \\432 &:= 2^2 + 2^7 + 10^1 + 11^0 + 17^2 = 22 + 27 + 101 + 110 + 172 \\432 &:= 2^3 + 2^3 + 7^2 + 7^3 + 24^1 = 23 + 23 + 72 + 73 + 241 \\432 &:= 2^3 + 2^4 + 7^3 + 8^2 + 23^0 = 23 + 24 + 73 + 82 + 230 \\432 &:= 2^3 + 3^3 + 5^3 + 16^1 + 16^2 = 23 + 33 + 53 + 161 + 162 \\432 &:= 2^3 + 3^5 + 6^2 + 12^2 + 19^0 = 23 + 35 + 62 + 122 + 190 \\432 &:= 2^3 + 4^4 + 7^2 + 10^2 + 19^1 = 23 + 44 + 72 + 102 + 191 \\432 &:= 2^4 + 3^1 + 3^5 + 13^2 + 21^0 = 24 + 31 + 35 + 132 + 210 \\432 &:= 2^4 + 3^3 + 3^3 + 15^0 + 19^2 = 24 + 33 + 33 + 150 + 192 \\432 &:= 2^4 + 3^3 + 4^3 + 15^0 + 18^2 = 24 + 33 + 43 + 150 + 182 \\432 &:= 2^4 + 5^2 + 5^2 + 7^3 + 23^1 = 24 + 52 + 52 + 73 + 231 \\432 &:= 2^4 + 6^3 + 8^2 + 11^2 + 15^1 = 24 + 63 + 82 + 112 + 151 \\432 &:= 2^4 + 8^2 + 8^2 + 12^2 + 12^2 = 24 + 82 + 82 + 122 + 122 \\432 &:= 2^5 + 3^0 + 4^4 + 11^2 + 22^1 = 25 + 30 + 44 + 112 + 221 \\432 &:= 2^5 + 3^1 + 5^3 + 16^1 + 16^2 = 25 + 31 + 53 + 161 + 162 \\432 &:= 2^5 + 3^2 + 4^2 + 14^1 + 19^2 = 25 + 32 + 42 + 141 + 192 \\432 &:= 2^5 + 4^1 + 5^3 + 15^1 + 16^2 = 25 + 41 + 53 + 151 + 162 \\432 &:= 2^5 + 4^2 + 7^2 + 11^1 + 18^2 = 25 + 42 + 72 + 111 + 182 \\432 &:= 2^5 + 5^1 + 5^3 + 14^1 + 16^2 = 25 + 51 + 53 + 141 + 162 \\432 &:= 2^5 + 5^3 + 6^1 + 13^1 + 16^2 = 25 + 53 + 61 + 131 + 162 \\432 &:= 2^5 + 5^3 + 7^1 + 12^1 + 16^2 = 25 + 53 + 71 + 121 + 162 \\432 &:= 2^5 + 5^3 + 7^2 + 13^0 + 15^2 = 25 + 53 + 72 + 130 + 152 \\432 &:= 2^5 + 5^3 + 8^1 + 11^1 + 16^2 = 25 + 53 + 81 + 111 + 162 \\432 &:= 2^5 + 5^3 + 9^1 + 10^1 + 16^2 = 25 + 53 + 91 + 101 + 162 \\432 &:= 2^5 + 6^1 + 9^2 + 12^2 + 13^2 = 25 + 61 + 92 + 122 + 132 \\432 &:= 2^5 + 6^2 + 8^1 + 10^2 + 16^2 = 25 + 62 + 81 + 102 + 162 \\432 &:= 2^6 + 3^0 + 3^3 + 16^1 + 18^2 = 26 + 30 + 33 + 161 + 182 \\432 &:= 2^6 + 3^0 + 5^3 + 15^2 + 17^1 = 26 + 30 + 53 + 152 + 171 \\432 &:= 2^6 + 3^1 + 8^2 + 12^1 + 17^2 = 26 + 31 + 82 + 121 + 172 \\432 &:= 2^6 + 3^2 + 7^3 + 15^0 + 15^1 = 26 + 32 + 73 + 150 + 151\end{aligned}$$

$$\begin{aligned}432 &:= 2^6 + 4^1 + 8^2 + 11^1 + 17^2 = 26 + 41 + 82 + 111 + 172 \\432 &:= 2^6 + 4^2 + 7^3 + 8^1 + 21^0 = 26 + 42 + 73 + 81 + 210 \\432 &:= 2^6 + 4^3 + 5^0 + 14^1 + 17^2 = 26 + 43 + 50 + 141 + 172 \\432 &:= 2^6 + 5^1 + 8^2 + 10^1 + 17^2 = 26 + 51 + 82 + 101 + 172 \\432 &:= 2^6 + 6^1 + 8^2 + 9^1 + 17^2 = 26 + 61 + 82 + 91 + 172 \\432 &:= 2^6 + 6^3 + 7^1 + 12^2 + 15^0 = 26 + 63 + 71 + 122 + 150 \\432 &:= 2^6 + 7^1 + 8^1 + 8^2 + 17^2 = 26 + 71 + 81 + 82 + 172 \\432 &:= 2^7 + 3^0 + 11^2 + 13^1 + 13^2 = 27 + 30 + 112 + 131 + 132 \\432 &:= 2^7 + 3^0 + 8^2 + 14^1 + 15^2 = 27 + 30 + 82 + 141 + 152 \\432 &:= 2^7 + 3^2 + 5^1 + 15^0 + 17^2 = 27 + 32 + 51 + 150 + 172 \\432 &:= 2^7 + 6^2 + 7^0 + 11^1 + 16^2 = 27 + 62 + 70 + 111 + 162 \\432 &:= 2^7 + 7^1 + 9^0 + 10^2 + 14^2 = 27 + 71 + 90 + 102 + 142 \\432 &:= 2^8 + 3^1 + 3^1 + 13^2 + 21^0 = 28 + 31 + 31 + 132 + 210 \\432 &:= 3^1 + 3^5 + 4^3 + 10^2 + 22^1 = 31 + 35 + 43 + 102 + 221 \\432 &:= 3^1 + 3^5 + 5^3 + 6^2 + 25^1 = 31 + 35 + 53 + 62 + 251 \\432 &:= 3^2 + 3^3 + 3^3 + 7^3 + 26^1 = 32 + 33 + 33 + 73 + 261 \\432 &:= 3^2 + 3^4 + 5^3 + 6^3 + 25^0 = 32 + 34 + 53 + 63 + 250 \\432 &:= 3^2 + 3^5 + 4^2 + 12^2 + 20^1 = 32 + 35 + 42 + 122 + 201 \\432 &:= 3^2 + 3^5 + 9^2 + 9^2 + 18^1 = 32 + 35 + 92 + 92 + 181 \\432 &:= 3^2 + 4^2 + 4^4 + 5^3 + 26^1 = 32 + 42 + 44 + 53 + 261 \\432 &:= 3^2 + 4^3 + 4^4 + 9^2 + 22^1 = 32 + 43 + 44 + 92 + 221 \\432 &:= 3^3 + 3^3 + 4^4 + 11^2 + 21^0 = 33 + 33 + 44 + 112 + 210 \\432 &:= 3^3 + 3^3 + 6^3 + 12^2 + 18^1 = 33 + 33 + 63 + 122 + 181 \\432 &:= 3^3 + 3^4 + 11^1 + 12^2 + 13^2 = 33 + 34 + 111 + 122 + 132 \\432 &:= 3^3 + 4^4 + 7^2 + 9^2 + 19^1 = 33 + 44 + 72 + 92 + 191 \\432 &:= 3^4 + 3^4 + 10^2 + 13^0 + 13^2 = 34 + 34 + 102 + 130 + 132 \\432 &:= 3^4 + 3^5 + 7^1 + 10^2 + 19^0 = 34 + 35 + 71 + 102 + 190 \\432 &:= 3^4 + 4^2 + 4^3 + 15^1 + 16^2 = 34 + 42 + 43 + 151 + 162 \\432 &:= 3^4 + 4^2 + 6^3 + 10^2 + 19^1 = 34 + 42 + 63 + 102 + 191 \\432 &:= 3^4 + 4^3 + 7^2 + 13^1 + 15^2 = 34 + 43 + 72 + 131 + 152 \\432 &:= 3^4 + 5^3 + 5^3 + 10^2 + 19^0 = 34 + 53 + 53 + 102 + 190 \\432 &:= 3^4 + 6^2 + 6^3 + 9^2 + 18^1 = 34 + 62 + 63 + 92 + 181 \\432 &:= 3^5 + 4^1 + 4^3 + 10^2 + 21^1 = 35 + 41 + 43 + 102 + 211 \\432 &:= 3^5 + 4^1 + 5^3 + 6^2 + 24^1 = 35 + 41 + 53 + 62 + 241 \\432 &:= 3^5 + 4^3 + 10^1 + 10^2 + 15^1 = 35 + 43 + 101 + 102 + 151 \\432 &:= 3^5 + 4^3 + 10^2 + 11^1 + 14^1 = 35 + 43 + 102 + 111 + 141 \\432 &:= 3^5 + 4^3 + 10^2 + 12^1 + 13^1 = 35 + 43 + 102 + 121 + 131 \\432 &:= 3^5 + 4^3 + 5^1 + 10^2 + 20^1 = 35 + 43 + 51 + 102 + 201\end{aligned}$$

$$\begin{aligned}
 432 &:= 3^5 + 4^3 + 6^1 + 10^2 + 19^1 = 35 + 43 + 61 + 102 + 191 \\
 432 &:= 3^5 + 4^3 + 7^1 + 10^2 + 18^1 = 35 + 43 + 71 + 102 + 181 \\
 432 &:= 3^5 + 4^3 + 8^1 + 10^2 + 17^1 = 35 + 43 + 81 + 102 + 171 \\
 432 &:= 3^5 + 4^3 + 9^1 + 10^2 + 16^1 = 35 + 43 + 91 + 102 + 161 \\
 432 &:= 3^5 + 5^1 + 5^3 + 6^2 + 23^1 = 35 + 51 + 53 + 62 + 231 \\
 432 &:= 3^5 + 5^2 + 5^2 + 11^2 + 18^1 = 35 + 52 + 52 + 112 + 181 \\
 432 &:= 3^5 + 5^3 + 6^1 + 6^2 + 22^1 = 35 + 53 + 61 + 62 + 221 \\
 432 &:= 3^5 + 5^3 + 6^2 + 10^1 + 18^1 = 35 + 53 + 62 + 101 + 181 \\
 432 &:= 3^5 + 5^3 + 6^2 + 11^1 + 17^1 = 35 + 53 + 62 + 111 + 171 \\
 432 &:= 3^5 + 5^3 + 6^2 + 12^1 + 16^1 = 35 + 53 + 62 + 121 + 161
 \end{aligned}$$

$$\begin{aligned}
 432 &:= 3^5 + 5^3 + 6^2 + 13^1 + 15^1 = 35 + 53 + 62 + 131 + 151 \\
 432 &:= 3^5 + 5^3 + 6^2 + 14^1 + 14^1 = 35 + 53 + 62 + 141 + 141 \\
 432 &:= 3^5 + 5^3 + 6^2 + 7^1 + 21^1 = 35 + 53 + 62 + 71 + 211 \\
 432 &:= 3^5 + 5^3 + 6^2 + 8^1 + 20^1 = 35 + 53 + 62 + 81 + 201 \\
 432 &:= 3^5 + 5^3 + 6^2 + 9^1 + 19^1 = 35 + 53 + 62 + 91 + 191 \\
 432 &:= 3^5 + 6^2 + 6^2 + 10^2 + 17^1 = 35 + 62 + 62 + 102 + 171 \\
 432 &:= 4^3 + 4^3 + 4^3 + 15^1 + 15^2 = 43 + 43 + 43 + 151 + 152 \\
 432 &:= 4^3 + 5^3 + 5^3 + 10^2 + 18^1 = 43 + 53 + 53 + 102 + 181 \\
 432 &:= 5^3 + 5^3 + 5^3 + 6^2 + 21^1 = 53 + 53 + 53 + 62 + 211
 \end{aligned}$$

2.2.334 Number 433

$$\begin{aligned}
 433 &:= 1^2 + 2^8 + 6^1 + 13^2 + 20^0 = 12 + 28 + 61 + 132 + 200 \\
 433 &:= 1^3 + 2^6 + 7^3 + 8^0 + 24^1 = 13 + 26 + 73 + 80 + 241 \\
 433 &:= 1^3 + 2^7 + 8^0 + 14^1 + 17^2 = 13 + 27 + 80 + 141 + 172 \\
 433 &:= 1^4 + 2^6 + 6^1 + 14^0 + 19^2 = 14 + 26 + 61 + 140 + 192 \\
 433 &:= 1^4 + 3^4 + 5^3 + 15^2 + 18^0 = 14 + 34 + 53 + 152 + 180 \\
 433 &:= 1^5 + 3^4 + 7^1 + 7^3 + 24^0 = 15 + 34 + 71 + 73 + 240 \\
 433 &:= 1^5 + 3^5 + 6^0 + 13^2 + 19^1 = 15 + 35 + 60 + 132 + 191 \\
 433 &:= 1^6 + 2^2 + 3^3 + 16^0 + 20^2 = 16 + 22 + 33 + 160 + 202 \\
 433 &:= 1^6 + 2^4 + 4^0 + 15^1 + 20^2 = 16 + 24 + 40 + 151 + 202 \\
 433 &:= 1^6 + 4^3 + 6^0 + 7^3 + 24^1 = 16 + 43 + 60 + 73 + 241 \\
 433 &:= 1^6 + 4^4 + 6^1 + 13^2 + 18^0 = 16 + 44 + 61 + 132 + 180 \\
 433 &:= 1^6 + 5^3 + 9^2 + 12^0 + 15^2 = 16 + 53 + 92 + 120 + 152 \\
 433 &:= 1^7 + 2^0 + 5^3 + 17^1 + 17^2 = 17 + 20 + 53 + 171 + 172 \\
 433 &:= 1^7 + 2^0 + 6^3 + 14^2 + 19^1 = 17 + 20 + 63 + 142 + 191 \\
 433 &:= 1^7 + 2^0 + 7^3 + 8^2 + 24^1 = 17 + 20 + 73 + 82 + 241 \\
 433 &:= 1^7 + 3^3 + 4^1 + 14^0 + 20^2 = 17 + 33 + 41 + 140 + 202 \\
 433 &:= 1^7 + 4^3 + 6^1 + 12^0 + 19^2 = 17 + 43 + 61 + 120 + 192 \\
 433 &:= 1^7 + 7^1 + 7^3 + 9^2 + 18^0 = 17 + 71 + 73 + 92 + 180 \\
 433 &:= 1^8 + 1^9 + 5^3 + 17^1 + 17^2 = 18 + 19 + 53 + 171 + 172 \\
 433 &:= 1^8 + 1^9 + 6^3 + 14^2 + 19^1 = 18 + 19 + 63 + 142 + 191 \\
 433 &:= 1^8 + 1^9 + 7^3 + 8^2 + 24^1 = 18 + 19 + 73 + 82 + 241 \\
 433 &:= 1^8 + 2^0 + 10^1 + 14^2 + 15^2 = 18 + 20 + 101 + 142 + 152 \\
 433 &:= 1^8 + 2^0 + 4^2 + 15^1 + 20^2 = 18 + 20 + 42 + 151 + 202 \\
 433 &:= 1^8 + 5^2 + 6^1 + 10^0 + 20^2 = 18 + 52 + 61 + 100 + 202 \\
 433 &:= 1^8 + 6^0 + 6^1 + 13^2 + 16^2 = 18 + 60 + 61 + 132 + 162
 \end{aligned}$$

$$\begin{aligned}
 433 &:= 1^8 + 6^0 + 7^1 + 10^2 + 18^2 = 18 + 60 + 71 + 102 + 182 \\
 433 &:= 1^8 + 6^1 + 8^0 + 8^2 + 19^2 = 18 + 61 + 80 + 82 + 192 \\
 433 &:= 1^9 + 1^9 + 10^1 + 14^2 + 15^2 = 19 + 19 + 101 + 142 + 152 \\
 433 &:= 1^9 + 1^9 + 4^2 + 15^1 + 20^2 = 19 + 19 + 42 + 151 + 202 \\
 433 &:= 1^9 + 2^3 + 2^8 + 12^2 + 24^1 = 19 + 23 + 28 + 122 + 241 \\
 433 &:= 1^9 + 2^6 + 3^5 + 10^2 + 25^1 = 19 + 26 + 35 + 102 + 251 \\
 433 &:= 2^0 + 2^6 + 5^3 + 6^3 + 27^1 = 20 + 26 + 53 + 63 + 271 \\
 433 &:= 2^0 + 2^7 + 6^3 + 8^2 + 24^1 = 20 + 27 + 63 + 82 + 241 \\
 433 &:= 2^0 + 2^8 + 3^2 + 12^2 + 23^1 = 20 + 28 + 32 + 122 + 231 \\
 433 &:= 2^2 + 2^4 + 3^5 + 13^2 + 22^0 = 22 + 24 + 35 + 132 + 220 \\
 433 &:= 2^2 + 2^8 + 3^1 + 13^2 + 22^0 = 22 + 28 + 31 + 132 + 220 \\
 433 &:= 2^3 + 2^5 + 7^2 + 7^3 + 24^0 = 23 + 25 + 72 + 73 + 240 \\
 433 &:= 2^3 + 2^6 + 6^2 + 14^0 + 18^2 = 23 + 26 + 62 + 140 + 182 \\
 433 &:= 2^3 + 2^6 + 7^3 + 14^0 + 17^1 = 23 + 26 + 73 + 140 + 171 \\
 433 &:= 2^3 + 2^7 + 7^1 + 14^0 + 17^2 = 23 + 27 + 71 + 140 + 172 \\
 433 &:= 2^5 + 2^5 + 7^1 + 12^0 + 19^2 = 25 + 25 + 71 + 120 + 192 \\
 433 &:= 2^5 + 3^5 + 12^0 + 12^2 + 13^1 = 25 + 35 + 120 + 122 + 131 \\
 433 &:= 2^5 + 4^4 + 5^3 + 12^0 + 19^1 = 25 + 44 + 53 + 120 + 191 \\
 433 &:= 2^6 + 3^2 + 4^2 + 7^3 + 26^0 = 26 + 32 + 42 + 73 + 260 \\
 433 &:= 2^6 + 4^4 + 10^2 + 12^1 + 14^0 = 26 + 44 + 102 + 121 + 140 \\
 433 &:= 2^7 + 4^2 + 12^0 + 12^2 + 12^2 = 27 + 42 + 120 + 122 + 122 \\
 433 &:= 2^7 + 4^3 + 6^0 + 15^1 + 15^2 = 27 + 43 + 60 + 151 + 152 \\
 433 &:= 2^7 + 5^3 + 10^1 + 12^0 + 13^2 = 27 + 53 + 101 + 120 + 132 \\
 433 &:= 2^7 + 6^3 + 7^1 + 9^2 + 18^0 = 27 + 63 + 71 + 92 + 180 \\
 433 &:= 2^8 + 4^0 + 6^2 + 11^2 + 19^1 = 28 + 40 + 62 + 112 + 191
 \end{aligned}$$

$$\begin{aligned}
 433 &:= 2^8 + 4^2 + 8^0 + 12^2 + 16^1 = 28 + 42 + 80 + 122 + 161 \\
 433 &:= 2^8 + 5^2 + 7^1 + 12^2 + 16^0 = 28 + 52 + 71 + 122 + 160 \\
 433 &:= 2^8 + 6^1 + 7^2 + 11^2 + 16^0 = 28 + 61 + 72 + 112 + 160 \\
 433 &:= 2^8 + 8^0 + 9^2 + 9^2 + 14^1 = 28 + 80 + 92 + 92 + 141
 \end{aligned}$$

$$\begin{aligned}
 433 &:= 2^8 + 8^2 + 10^0 + 10^2 + 12^1 = 28 + 82 + 100 + 102 + 121 \\
 433 &:= 3^4 + 3^4 + 4^4 + 14^1 + 18^0 = 34 + 34 + 44 + 141 + 180
 \end{aligned}$$

2.2.335 Number 434

$$\begin{aligned}
 434 &:= 12^2 + 14^0 + 17^2 = 122 + 140 + 172 \\
 434 &:= 1^7 + 2^5 + 19^0 + 20^2 = 17 + 25 + 190 + 202 \\
 434 &:= 1^8 + 5^3 + 17^2 + 19^1 = 18 + 53 + 172 + 191 \\
 434 &:= 1^8 + 6^3 + 14^2 + 21^1 = 18 + 63 + 142 + 211 \\
 434 &:= 1^8 + 6^3 + 6^3 + 29^0 = 18 + 63 + 63 + 290 \\
 434 &:= 1^8 + 7^3 + 8^2 + 26^1 = 18 + 73 + 82 + 261 \\
 434 &:= 1^9 + 12^1 + 14^2 + 15^2 = 19 + 121 + 142 + 152 \\
 434 &:= 1^9 + 4^2 + 17^1 + 20^2 = 19 + 42 + 171 + 202 \\
 434 &:= 2^3 + 2^8 + 12^2 + 26^1 = 23 + 28 + 122 + 261 \\
 434 &:= 2^6 + 3^5 + 10^2 + 27^1 = 26 + 35 + 102 + 271 \\
 434 &:= 1^0 + 1^8 + 5^3 + 17^2 + 18^1 = 10 + 18 + 53 + 172 + 181 \\
 434 &:= 1^0 + 1^8 + 6^3 + 14^2 + 20^1 = 10 + 18 + 63 + 142 + 201 \\
 434 &:= 1^0 + 1^8 + 7^3 + 8^2 + 25^1 = 10 + 18 + 73 + 82 + 251 \\
 434 &:= 1^0 + 1^9 + 11^1 + 14^2 + 15^2 = 10 + 19 + 111 + 142 + 152 \\
 434 &:= 1^0 + 1^9 + 4^2 + 16^1 + 20^2 = 10 + 19 + 42 + 161 + 202 \\
 434 &:= 1^0 + 2^3 + 2^8 + 12^2 + 25^1 = 10 + 23 + 28 + 122 + 251 \\
 434 &:= 1^0 + 2^6 + 3^5 + 10^2 + 26^1 = 10 + 26 + 35 + 102 + 261 \\
 434 &:= 1^1 + 1^7 + 5^3 + 17^2 + 18^1 = 11 + 17 + 53 + 172 + 181 \\
 434 &:= 1^1 + 1^7 + 6^3 + 14^2 + 20^1 = 11 + 17 + 63 + 142 + 201 \\
 434 &:= 1^1 + 1^7 + 7^3 + 8^2 + 25^1 = 11 + 17 + 73 + 82 + 251 \\
 434 &:= 1^1 + 1^8 + 11^1 + 14^2 + 15^2 = 11 + 18 + 111 + 142 + 152 \\
 434 &:= 1^1 + 1^8 + 4^2 + 16^1 + 20^2 = 11 + 18 + 42 + 161 + 202 \\
 434 &:= 1^1 + 2^7 + 6^3 + 8^2 + 25^1 = 11 + 27 + 63 + 82 + 251 \\
 434 &:= 1^1 + 2^8 + 3^2 + 12^2 + 24^1 = 11 + 28 + 32 + 122 + 241 \\
 434 &:= 1^2 + 1^6 + 5^3 + 17^2 + 18^1 = 12 + 16 + 53 + 172 + 181 \\
 434 &:= 1^2 + 1^6 + 6^3 + 14^2 + 20^1 = 12 + 16 + 63 + 142 + 201 \\
 434 &:= 1^2 + 1^6 + 7^3 + 8^2 + 25^1 = 12 + 16 + 73 + 82 + 251 \\
 434 &:= 1^2 + 1^7 + 11^1 + 14^2 + 15^2 = 12 + 17 + 111 + 142 + 152 \\
 434 &:= 1^2 + 1^7 + 4^2 + 16^1 + 20^2 = 12 + 17 + 42 + 161 + 202 \\
 434 &:= 1^2 + 2^5 + 4^4 + 11^2 + 24^1 = 12 + 25 + 44 + 112 + 241 \\
 434 &:= 1^2 + 2^6 + 3^3 + 18^1 + 18^2 = 12 + 26 + 33 + 181 + 182 \\
 434 &:= 1^2 + 2^6 + 5^3 + 15^2 + 19^1 = 12 + 26 + 53 + 152 + 191
 \end{aligned}$$

$$\begin{aligned}
 434 &:= 1^2 + 2^7 + 11^2 + 13^2 + 15^1 = 12 + 27 + 112 + 132 + 151 \\
 434 &:= 1^2 + 2^7 + 8^2 + 15^2 + 16^1 = 12 + 27 + 82 + 152 + 161 \\
 434 &:= 1^3 + 1^5 + 5^3 + 17^2 + 18^1 = 13 + 15 + 53 + 172 + 181 \\
 434 &:= 1^3 + 1^5 + 6^3 + 14^2 + 20^1 = 13 + 15 + 63 + 142 + 201 \\
 434 &:= 1^3 + 1^5 + 7^3 + 8^2 + 25^1 = 13 + 15 + 73 + 82 + 251 \\
 434 &:= 1^3 + 1^6 + 11^1 + 14^2 + 15^2 = 13 + 16 + 111 + 142 + 152 \\
 434 &:= 1^3 + 1^6 + 4^2 + 16^1 + 20^2 = 13 + 16 + 42 + 161 + 202 \\
 434 &:= 1^3 + 2^5 + 4^4 + 12^2 + 23^0 = 13 + 25 + 44 + 122 + 230 \\
 434 &:= 1^3 + 2^6 + 10^2 + 13^1 + 16^2 = 13 + 26 + 102 + 131 + 162 \\
 434 &:= 1^3 + 2^6 + 5^2 + 7^3 + 27^0 = 13 + 26 + 52 + 73 + 270 \\
 434 &:= 1^3 + 2^8 + 7^1 + 13^2 + 19^0 = 13 + 28 + 71 + 132 + 190 \\
 434 &:= 1^4 + 1^4 + 5^3 + 17^2 + 18^1 = 14 + 14 + 53 + 172 + 181 \\
 434 &:= 1^4 + 1^4 + 6^3 + 14^2 + 20^1 = 14 + 14 + 63 + 142 + 201 \\
 434 &:= 1^4 + 1^4 + 7^3 + 8^2 + 25^1 = 14 + 14 + 73 + 82 + 251 \\
 434 &:= 1^4 + 1^5 + 11^1 + 14^2 + 15^2 = 14 + 15 + 111 + 142 + 152 \\
 434 &:= 1^4 + 1^5 + 4^2 + 16^1 + 20^2 = 14 + 15 + 42 + 161 + 202 \\
 434 &:= 1^4 + 2^4 + 2^4 + 17^0 + 20^2 = 14 + 24 + 24 + 170 + 202 \\
 434 &:= 1^4 + 2^4 + 7^2 + 7^3 + 25^1 = 14 + 24 + 72 + 73 + 251 \\
 434 &:= 1^4 + 2^5 + 10^2 + 12^1 + 17^2 = 14 + 25 + 102 + 121 + 172 \\
 434 &:= 1^4 + 2^5 + 5^2 + 15^1 + 19^2 = 14 + 25 + 52 + 151 + 192 \\
 434 &:= 1^4 + 2^5 + 8^2 + 13^1 + 18^2 = 14 + 25 + 82 + 131 + 182 \\
 434 &:= 1^4 + 2^6 + 7^0 + 7^3 + 25^1 = 14 + 26 + 70 + 73 + 251 \\
 434 &:= 1^4 + 2^7 + 7^0 + 15^1 + 17^2 = 14 + 27 + 70 + 151 + 172 \\
 434 &:= 1^4 + 3^5 + 5^2 + 12^2 + 21^1 = 14 + 35 + 52 + 122 + 211 \\
 434 &:= 1^4 + 3^5 + 5^3 + 8^2 + 25^0 = 14 + 35 + 53 + 82 + 250 \\
 434 &:= 1^4 + 3^5 + 7^2 + 11^2 + 20^1 = 14 + 35 + 72 + 112 + 201 \\
 434 &:= 1^4 + 4^4 + 5^2 + 5^3 + 27^1 = 14 + 44 + 52 + 53 + 271 \\
 434 &:= 1^5 + 2^3 + 2^3 + 17^1 + 20^2 = 15 + 23 + 23 + 171 + 202 \\
 434 &:= 1^5 + 2^4 + 9^2 + 12^1 + 18^2 = 15 + 24 + 92 + 121 + 182 \\
 434 &:= 1^5 + 2^5 + 11^0 + 12^2 + 16^2 = 15 + 25 + 110 + 122 + 162 \\
 434 &:= 1^5 + 2^6 + 7^1 + 13^0 + 19^2 = 15 + 26 + 71 + 130 + 192 \\
 434 &:= 1^5 + 3^3 + 3^4 + 17^0 + 18^2 = 15 + 33 + 34 + 170 + 182
 \end{aligned}$$

$$\begin{aligned} 434 &:= 1^5 + 3^4 + 12^1 + 12^2 + 14^2 = 15 + 34 + 121 + 122 + 142 \\ 434 &:= 1^5 + 3^4 + 7^2 + 14^1 + 17^2 = 15 + 34 + 72 + 141 + 172 \\ 434 &:= 1^5 + 4^3 + 4^3 + 16^1 + 17^2 = 15 + 43 + 43 + 161 + 172 \\ 434 &:= 1^5 + 4^4 + 6^2 + 11^2 + 20^1 = 15 + 44 + 62 + 112 + 201 \\ 434 &:= 1^6 + 2^3 + 3^2 + 16^1 + 20^2 = 16 + 23 + 32 + 161 + 202 \\ 434 &:= 1^6 + 2^3 + 7^3 + 9^2 + 23^0 = 16 + 23 + 73 + 92 + 230 \\ 434 &:= 1^6 + 2^4 + 4^2 + 15^0 + 20^2 = 16 + 24 + 42 + 150 + 202 \\ 434 &:= 1^6 + 3^4 + 7^3 + 8^1 + 23^0 = 16 + 34 + 73 + 81 + 230 \\ 434 &:= 1^6 + 3^5 + 5^0 + 13^2 + 20^1 = 16 + 35 + 50 + 132 + 201 \\ 434 &:= 1^6 + 4^3 + 5^2 + 7^3 + 25^0 = 16 + 43 + 52 + 73 + 250 \\ 434 &:= 1^6 + 5^3 + 10^2 + 12^1 + 14^2 = 16 + 53 + 102 + 121 + 142 \\ 434 &:= 1^6 + 6^3 + 9^2 + 11^2 + 15^1 = 16 + 63 + 92 + 112 + 151 \\ 434 &:= 1^6 + 8^2 + 10^2 + 10^2 + 13^2 = 16 + 82 + 102 + 102 + 132 \\ 434 &:= 1^6 + 8^2 + 9^2 + 12^2 + 12^2 = 16 + 82 + 92 + 122 + 122 \\ 434 &:= 1^7 + 2^1 + 5^3 + 17^1 + 17^2 = 17 + 21 + 53 + 171 + 172 \\ 434 &:= 1^7 + 2^1 + 6^3 + 14^2 + 19^1 = 17 + 21 + 63 + 142 + 191 \\ 434 &:= 1^7 + 2^1 + 7^3 + 8^2 + 24^1 = 17 + 21 + 73 + 82 + 241 \\ 434 &:= 1^7 + 2^3 + 10^2 + 11^0 + 18^2 = 17 + 23 + 102 + 110 + 182 \\ 434 &:= 1^7 + 2^4 + 3^0 + 16^1 + 20^2 = 17 + 24 + 30 + 161 + 202 \\ 434 &:= 1^7 + 3^1 + 5^3 + 16^1 + 17^2 = 17 + 31 + 53 + 161 + 172 \\ 434 &:= 1^7 + 3^1 + 6^3 + 14^2 + 18^1 = 17 + 31 + 63 + 142 + 181 \\ 434 &:= 1^7 + 3^1 + 7^3 + 8^2 + 23^1 = 17 + 31 + 73 + 82 + 231 \\ 434 &:= 1^7 + 3^2 + 3^2 + 15^1 + 20^2 = 17 + 32 + 32 + 151 + 202 \\ 434 &:= 1^7 + 3^3 + 9^2 + 11^0 + 18^2 = 17 + 33 + 92 + 110 + 182 \\ 434 &:= 1^7 + 4^1 + 5^3 + 15^1 + 17^2 = 17 + 41 + 53 + 151 + 172 \\ 434 &:= 1^7 + 4^1 + 6^3 + 14^2 + 17^1 = 17 + 41 + 63 + 142 + 171 \\ 434 &:= 1^7 + 4^1 + 7^3 + 8^2 + 22^1 = 17 + 41 + 73 + 82 + 221 \\ 434 &:= 1^7 + 4^3 + 5^0 + 7^3 + 25^1 = 17 + 43 + 50 + 73 + 251 \\ 434 &:= 1^7 + 4^4 + 7^1 + 13^2 + 17^0 = 17 + 44 + 71 + 132 + 170 \\ 434 &:= 1^7 + 5^1 + 5^3 + 14^1 + 17^2 = 17 + 51 + 53 + 141 + 172 \\ 434 &:= 1^7 + 5^1 + 6^3 + 14^2 + 16^1 = 17 + 51 + 63 + 142 + 161 \\ 434 &:= 1^7 + 5^1 + 7^3 + 8^2 + 21^1 = 17 + 51 + 73 + 82 + 211 \\ 434 &:= 1^7 + 5^2 + 6^2 + 11^1 + 19^2 = 17 + 52 + 62 + 111 + 192 \\ 434 &:= 1^7 + 5^2 + 7^3 + 8^2 + 21^0 = 17 + 52 + 73 + 82 + 210 \\ 434 &:= 1^7 + 5^2 + 8^1 + 12^2 + 16^2 = 17 + 52 + 81 + 122 + 162 \\ 434 &:= 1^7 + 5^3 + 6^1 + 13^1 + 17^2 = 17 + 53 + 61 + 131 + 172 \\ 434 &:= 1^7 + 5^3 + 7^1 + 12^1 + 17^2 = 17 + 53 + 71 + 121 + 172 \\ 434 &:= 1^7 + 5^3 + 8^1 + 11^1 + 17^2 = 17 + 53 + 81 + 111 + 172 \end{aligned}$$

$$\begin{aligned} 434 &:= 1^7 + 5^3 + 9^1 + 10^1 + 17^2 = 17 + 53 + 91 + 101 + 172 \\ 434 &:= 1^7 + 6^1 + 6^3 + 14^2 + 15^1 = 17 + 61 + 63 + 142 + 151 \\ 434 &:= 1^7 + 6^1 + 7^3 + 8^2 + 20^1 = 17 + 61 + 73 + 82 + 201 \\ 434 &:= 1^7 + 6^1 + 9^2 + 11^2 + 15^2 = 17 + 61 + 92 + 112 + 152 \\ 434 &:= 1^7 + 6^2 + 8^1 + 10^2 + 17^2 = 17 + 62 + 81 + 102 + 172 \\ 434 &:= 1^7 + 6^2 + 8^2 + 9^1 + 18^2 = 17 + 62 + 82 + 91 + 182 \\ 434 &:= 1^7 + 6^3 + 10^1 + 11^1 + 14^2 = 17 + 63 + 101 + 111 + 142 \\ 434 &:= 1^7 + 6^3 + 7^1 + 14^1 + 14^2 = 17 + 63 + 71 + 141 + 142 \\ 434 &:= 1^7 + 6^3 + 8^1 + 13^1 + 14^2 = 17 + 63 + 81 + 131 + 142 \\ 434 &:= 1^7 + 6^3 + 9^1 + 12^1 + 14^2 = 17 + 63 + 91 + 121 + 142 \\ 434 &:= 1^7 + 7^1 + 7^2 + 11^2 + 16^2 = 17 + 71 + 72 + 112 + 162 \\ 434 &:= 1^7 + 7^1 + 7^3 + 8^2 + 19^1 = 17 + 71 + 73 + 82 + 191 \\ 434 &:= 1^7 + 7^3 + 8^1 + 8^2 + 18^1 = 17 + 73 + 81 + 82 + 181 \\ 434 &:= 1^7 + 7^3 + 8^2 + 10^1 + 16^1 = 17 + 73 + 82 + 101 + 161 \\ 434 &:= 1^7 + 7^3 + 8^2 + 11^1 + 15^1 = 17 + 73 + 82 + 111 + 151 \\ 434 &:= 1^7 + 7^3 + 8^2 + 12^1 + 14^1 = 17 + 73 + 82 + 121 + 141 \\ 434 &:= 1^7 + 7^3 + 8^2 + 13^1 + 13^1 = 17 + 73 + 82 + 131 + 131 \\ 434 &:= 1^7 + 7^3 + 8^2 + 9^1 + 17^1 = 17 + 73 + 82 + 91 + 171 \\ 434 &:= 1^8 + 2^1 + 10^1 + 14^2 + 15^2 = 18 + 21 + 101 + 142 + 152 \\ 434 &:= 1^8 + 2^1 + 4^2 + 15^1 + 20^2 = 18 + 21 + 42 + 151 + 202 \\ 434 &:= 1^8 + 3^1 + 4^2 + 14^1 + 20^2 = 18 + 31 + 42 + 141 + 202 \\ 434 &:= 1^8 + 3^1 + 9^1 + 14^2 + 15^2 = 18 + 31 + 91 + 142 + 152 \\ 434 &:= 1^8 + 3^3 + 5^1 + 13^0 + 20^2 = 18 + 33 + 51 + 130 + 202 \\ 434 &:= 1^8 + 4^1 + 4^2 + 13^1 + 20^2 = 18 + 41 + 42 + 131 + 202 \\ 434 &:= 1^8 + 4^1 + 8^1 + 14^2 + 15^2 = 18 + 41 + 81 + 142 + 152 \\ 434 &:= 1^8 + 4^2 + 4^2 + 13^0 + 20^2 = 18 + 42 + 42 + 130 + 202 \\ 434 &:= 1^8 + 4^2 + 5^1 + 12^1 + 20^2 = 18 + 42 + 51 + 121 + 202 \\ 434 &:= 1^8 + 4^2 + 6^1 + 11^1 + 20^2 = 18 + 42 + 61 + 111 + 202 \\ 434 &:= 1^8 + 4^2 + 7^1 + 10^1 + 20^2 = 18 + 42 + 71 + 101 + 202 \\ 434 &:= 1^8 + 4^2 + 8^1 + 9^1 + 20^2 = 18 + 42 + 81 + 91 + 202 \\ 434 &:= 1^8 + 4^3 + 7^1 + 11^0 + 19^2 = 18 + 43 + 71 + 110 + 192 \\ 434 &:= 1^8 + 5^0 + 12^2 + 12^2 + 12^2 = 18 + 50 + 122 + 122 + 122 \\ 434 &:= 1^8 + 5^1 + 7^1 + 14^2 + 15^2 = 18 + 51 + 71 + 142 + 152 \\ 434 &:= 1^8 + 6^1 + 6^1 + 14^2 + 15^2 = 18 + 61 + 61 + 142 + 152 \\ 434 &:= 1^8 + 7^3 + 8^1 + 9^2 + 17^0 = 18 + 73 + 81 + 92 + 170 \\ 434 &:= 1^9 + 2^5 + 2^8 + 12^2 + 24^0 = 19 + 25 + 28 + 122 + 240 \\ 434 &:= 1^9 + 5^0 + 7^1 + 13^2 + 16^2 = 19 + 50 + 71 + 132 + 162 \\ 434 &:= 1^9 + 5^0 + 8^1 + 10^2 + 18^2 = 19 + 50 + 81 + 102 + 182 \end{aligned}$$

$$\begin{aligned} 434 &:= 1^9 + 5^2 + 7^1 + 9^0 + 20^2 = 19 + 52 + 71 + 90 + 202 \\ 434 &:= 1^9 + 7^0 + 7^1 + 8^2 + 19^2 = 19 + 70 + 71 + 82 + 192 \\ 434 &:= 2^1 + 2^6 + 5^3 + 6^3 + 27^1 = 21 + 26 + 53 + 63 + 271 \\ 434 &:= 2^1 + 2^7 + 6^3 + 8^2 + 24^1 = 21 + 27 + 63 + 82 + 241 \\ 434 &:= 2^1 + 2^8 + 3^2 + 12^2 + 23^1 = 21 + 28 + 32 + 122 + 231 \\ 434 &:= 2^2 + 2^2 + 2^8 + 13^2 + 23^0 = 22 + 22 + 28 + 132 + 230 \\ 434 &:= 2^2 + 2^7 + 12^2 + 12^2 + 14^1 = 22 + 27 + 122 + 122 + 141 \\ 434 &:= 2^2 + 3^4 + 3^5 + 9^2 + 25^1 = 22 + 34 + 35 + 92 + 251 \\ 434 &:= 2^3 + 2^5 + 5^2 + 7^3 + 26^1 = 23 + 25 + 52 + 73 + 261 \\ 434 &:= 2^3 + 3^4 + 4^4 + 8^2 + 25^1 = 23 + 34 + 44 + 82 + 251 \\ 434 &:= 2^4 + 2^5 + 3^2 + 16^1 + 19^2 = 24 + 25 + 32 + 161 + 192 \\ 434 &:= 2^4 + 2^5 + 6^3 + 13^2 + 19^0 = 24 + 25 + 63 + 132 + 190 \\ 434 &:= 2^4 + 2^5 + 7^2 + 13^1 + 18^2 = 24 + 25 + 72 + 131 + 182 \\ 434 &:= 2^4 + 2^6 + 7^3 + 10^1 + 21^0 = 24 + 26 + 73 + 101 + 210 \\ 434 &:= 2^4 + 2^6 + 8^2 + 13^0 + 17^2 = 24 + 26 + 82 + 130 + 172 \\ 434 &:= 2^4 + 3^2 + 3^5 + 12^2 + 22^1 = 24 + 32 + 35 + 122 + 221 \\ 434 &:= 2^4 + 3^4 + 4^3 + 16^2 + 17^1 = 24 + 34 + 43 + 162 + 171 \\ 434 &:= 2^4 + 3^4 + 6^3 + 10^2 + 21^1 = 24 + 34 + 63 + 102 + 211 \\ 434 &:= 2^4 + 3^5 + 5^3 + 7^2 + 25^0 = 24 + 35 + 53 + 72 + 250 \\ 434 &:= 2^5 + 2^5 + 11^0 + 12^2 + 15^2 = 25 + 25 + 110 + 122 + 152 \\ 434 &:= 2^5 + 2^5 + 5^0 + 7^3 + 26^1 = 25 + 25 + 50 + 73 + 261 \\ 434 &:= 2^5 + 2^6 + 7^0 + 13^1 + 18^2 = 25 + 26 + 70 + 131 + 182 \\ 434 &:= 2^5 + 3^4 + 4^2 + 16^1 + 17^2 = 25 + 34 + 42 + 161 + 172 \\ 434 &:= 2^5 + 3^4 + 4^3 + 16^2 + 17^0 = 25 + 34 + 43 + 162 + 170 \\ 434 &:= 2^5 + 4^3 + 4^4 + 9^2 + 23^0 = 25 + 43 + 44 + 92 + 230 \\ 434 &:= 2^5 + 4^3 + 5^3 + 14^2 + 17^1 = 25 + 43 + 53 + 142 + 171 \\ 434 &:= 2^5 + 4^4 + 5^2 + 10^2 + 21^1 = 25 + 44 + 52 + 102 + 211 \\ 434 &:= 2^6 + 3^1 + 5^3 + 6^3 + 26^1 = 26 + 31 + 53 + 63 + 261 \\ 434 &:= 2^6 + 3^4 + 12^2 + 12^2 + 13^0 = 26 + 34 + 122 + 122 + 130 \\ 434 &:= 2^6 + 3^5 + 5^0 + 5^3 + 27^0 = 26 + 35 + 50 + 53 + 270 \\ 434 &:= 2^6 + 3^5 + 5^1 + 11^2 + 21^0 = 26 + 35 + 51 + 112 + 210 \\ 434 &:= 2^6 + 3^5 + 5^3 + 10^0 + 22^0 = 26 + 35 + 53 + 100 + 220 \\ 434 &:= 2^6 + 3^5 + 5^3 + 11^0 + 21^0 = 26 + 35 + 53 + 110 + 210 \\ 434 &:= 2^6 + 3^5 + 5^3 + 12^0 + 20^0 = 26 + 35 + 53 + 120 + 200 \\ 434 &:= 2^6 + 3^5 + 5^3 + 13^0 + 19^0 = 26 + 35 + 53 + 130 + 190 \\ 434 &:= 2^6 + 3^5 + 5^3 + 14^0 + 18^0 = 26 + 35 + 53 + 140 + 180 \\ 434 &:= 2^6 + 3^5 + 5^3 + 15^0 + 17^0 = 26 + 35 + 53 + 150 + 170 \\ 434 &:= 2^6 + 3^5 + 5^3 + 16^0 + 16^0 = 26 + 35 + 53 + 160 + 160 \end{aligned}$$

$$\begin{aligned} 434 &:= 2^6 + 3^5 + 5^3 + 6^0 + 26^0 = 26 + 35 + 53 + 60 + 260 \\ 434 &:= 2^6 + 3^5 + 5^3 + 7^0 + 25^0 = 26 + 35 + 53 + 70 + 250 \\ 434 &:= 2^6 + 3^5 + 5^3 + 8^0 + 24^0 = 26 + 35 + 53 + 80 + 240 \\ 434 &:= 2^6 + 3^5 + 5^3 + 9^0 + 23^0 = 26 + 35 + 53 + 90 + 230 \\ 434 &:= 2^6 + 4^1 + 5^3 + 6^3 + 25^1 = 26 + 41 + 53 + 63 + 251 \\ 434 &:= 2^6 + 4^3 + 6^2 + 14^1 + 16^2 = 26 + 43 + 62 + 141 + 162 \\ 434 &:= 2^6 + 4^4 + 7^2 + 8^2 + 21^0 = 26 + 44 + 72 + 82 + 210 \\ 434 &:= 2^6 + 5^1 + 5^3 + 6^3 + 24^1 = 26 + 51 + 53 + 63 + 241 \\ 434 &:= 2^6 + 5^3 + 6^1 + 6^3 + 23^1 = 26 + 53 + 61 + 63 + 231 \\ 434 &:= 2^6 + 5^3 + 6^3 + 10^1 + 19^1 = 26 + 53 + 63 + 101 + 191 \\ 434 &:= 2^6 + 5^3 + 6^3 + 11^1 + 18^1 = 26 + 53 + 63 + 111 + 181 \\ 434 &:= 2^6 + 5^3 + 6^3 + 12^1 + 17^1 = 26 + 53 + 63 + 121 + 171 \\ 434 &:= 2^6 + 5^3 + 6^3 + 13^1 + 16^1 = 26 + 53 + 63 + 131 + 161 \\ 434 &:= 2^6 + 5^3 + 6^3 + 14^1 + 15^1 = 26 + 53 + 63 + 141 + 151 \\ 434 &:= 2^6 + 5^3 + 6^3 + 7^1 + 22^1 = 26 + 53 + 63 + 71 + 221 \\ 434 &:= 2^6 + 5^3 + 6^3 + 8^1 + 21^1 = 26 + 53 + 63 + 81 + 211 \\ 434 &:= 2^6 + 5^3 + 6^3 + 9^1 + 20^1 = 26 + 53 + 63 + 91 + 201 \\ 434 &:= 2^6 + 6^2 + 6^3 + 10^2 + 18^1 = 26 + 62 + 63 + 102 + 181 \\ 434 &:= 2^7 + 3^1 + 6^3 + 8^2 + 23^1 = 27 + 31 + 63 + 82 + 231 \\ 434 &:= 2^7 + 3^2 + 5^2 + 16^1 + 16^2 = 27 + 32 + 52 + 161 + 162 \\ 434 &:= 2^7 + 4^1 + 6^3 + 8^2 + 22^1 = 27 + 41 + 63 + 82 + 221 \\ 434 &:= 2^7 + 4^2 + 4^3 + 15^2 + 17^0 = 27 + 42 + 43 + 152 + 170 \\ 434 &:= 2^7 + 4^2 + 9^2 + 13^1 + 14^2 = 27 + 42 + 92 + 131 + 142 \\ 434 &:= 2^7 + 4^3 + 5^0 + 6^3 + 25^1 = 27 + 43 + 50 + 63 + 251 \\ 434 &:= 2^7 + 4^4 + 5^2 + 7^0 + 24^1 = 27 + 44 + 52 + 70 + 241 \\ 434 &:= 2^7 + 4^4 + 6^2 + 13^1 + 17^0 = 27 + 44 + 62 + 131 + 170 \\ 434 &:= 2^7 + 5^1 + 6^3 + 8^2 + 21^1 = 27 + 51 + 63 + 82 + 211 \\ 434 &:= 2^7 + 5^2 + 10^2 + 12^1 + 13^2 = 27 + 52 + 102 + 121 + 132 \\ 434 &:= 2^7 + 5^2 + 6^3 + 8^2 + 21^0 = 27 + 52 + 63 + 82 + 210 \\ 434 &:= 2^7 + 5^3 + 6^2 + 12^2 + 17^0 = 27 + 53 + 62 + 122 + 170 \\ 434 &:= 2^7 + 6^1 + 6^3 + 8^2 + 20^1 = 27 + 61 + 63 + 82 + 201 \\ 434 &:= 2^7 + 6^3 + 7^1 + 8^2 + 19^1 = 27 + 63 + 71 + 82 + 191 \\ 434 &:= 2^7 + 6^3 + 8^1 + 8^2 + 18^1 = 27 + 63 + 81 + 82 + 181 \\ 434 &:= 2^7 + 6^3 + 8^2 + 10^1 + 16^1 = 27 + 63 + 82 + 101 + 161 \\ 434 &:= 2^7 + 6^3 + 8^2 + 11^1 + 15^1 = 27 + 63 + 82 + 111 + 151 \\ 434 &:= 2^7 + 6^3 + 8^2 + 12^1 + 14^1 = 27 + 63 + 82 + 121 + 141 \\ 434 &:= 2^7 + 6^3 + 8^2 + 13^1 + 13^1 = 27 + 63 + 82 + 131 + 131 \\ 434 &:= 2^7 + 6^3 + 8^2 + 9^1 + 17^1 = 27 + 63 + 82 + 91 + 171 \end{aligned}$$

$$\begin{aligned}
 434 &:= 2^7 + 7^2 + 7^2 + 12^1 + 14^2 = 27 + 72 + 72 + 121 + 142 \\
 434 &:= 2^8 + 3^0 + 5^2 + 5^3 + 27^1 = 28 + 30 + 52 + 53 + 271 \\
 434 &:= 2^8 + 3^1 + 3^2 + 12^2 + 22^1 = 28 + 31 + 32 + 122 + 221 \\
 434 &:= 2^8 + 3^1 + 5^3 + 7^2 + 25^0 = 28 + 31 + 53 + 72 + 250 \\
 434 &:= 2^8 + 3^2 + 10^1 + 12^2 + 15^1 = 28 + 32 + 101 + 122 + 151 \\
 434 &:= 2^8 + 3^2 + 11^1 + 12^2 + 14^1 = 28 + 32 + 111 + 122 + 141 \\
 434 &:= 2^8 + 3^2 + 12^1 + 12^2 + 13^1 = 28 + 32 + 121 + 122 + 131 \\
 434 &:= 2^8 + 3^2 + 4^1 + 12^2 + 21^1 = 28 + 32 + 41 + 122 + 211 \\
 434 &:= 2^8 + 3^2 + 5^1 + 12^2 + 20^1 = 28 + 32 + 51 + 122 + 201
 \end{aligned}$$

$$\begin{aligned}
 434 &:= 2^8 + 3^2 + 6^1 + 12^2 + 19^1 = 28 + 32 + 61 + 122 + 191 \\
 434 &:= 2^8 + 3^2 + 7^1 + 12^2 + 18^1 = 28 + 32 + 71 + 122 + 181 \\
 434 &:= 2^8 + 3^2 + 8^1 + 12^2 + 17^1 = 28 + 32 + 81 + 122 + 171 \\
 434 &:= 2^8 + 3^2 + 9^1 + 12^2 + 16^1 = 28 + 32 + 91 + 122 + 161 \\
 434 &:= 2^8 + 3^3 + 6^1 + 12^2 + 19^0 = 28 + 33 + 61 + 122 + 190 \\
 434 &:= 2^8 + 4^3 + 10^2 + 13^0 + 13^1 = 28 + 43 + 102 + 130 + 131 \\
 434 &:= 2^8 + 5^3 + 6^2 + 13^0 + 16^1 = 28 + 53 + 62 + 130 + 161 \\
 434 &:= 2^8 + 7^2 + 8^2 + 8^2 + 17^0 = 28 + 72 + 82 + 82 + 170
 \end{aligned}$$

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$$\begin{aligned}
 435 &:= 14^1 + 14^2 + 15^2 = 141 + 142 + 152 \\
 435 &:= 4^2 + 19^1 + 20^2 = 42 + 191 + 202 \\
 435 &:= 1^0 + 13^1 + 14^2 + 15^2 = 10 + 131 + 142 + 152 \\
 435 &:= 1^0 + 4^2 + 18^1 + 20^2 = 10 + 42 + 181 + 202 \\
 435 &:= 1^1 + 12^2 + 13^0 + 17^2 = 11 + 122 + 130 + 172 \\
 435 &:= 5^0 + 10^1 + 10^2 + 18^2 = 50 + 101 + 102 + 182 \\
 435 &:= 5^0 + 9^1 + 13^2 + 16^2 = 50 + 91 + 132 + 162 \\
 435 &:= 5^2 + 9^0 + 9^1 + 20^2 = 52 + 90 + 91 + 202 \\
 435 &:= 7^0 + 8^2 + 9^1 + 19^2 = 70 + 82 + 91 + 192 \\
 435 &:= 1^0 + 1^0 + 12^1 + 14^2 + 15^2 = 10 + 10 + 121 + 142 + 152 \\
 435 &:= 1^0 + 1^0 + 4^2 + 17^1 + 20^2 = 10 + 10 + 42 + 171 + 202 \\
 435 &:= 1^0 + 1^8 + 2^5 + 18^0 + 20^2 = 10 + 18 + 25 + 180 + 202 \\
 435 &:= 1^0 + 5^0 + 8^1 + 13^2 + 16^2 = 10 + 50 + 81 + 132 + 162 \\
 435 &:= 1^0 + 5^0 + 9^1 + 10^2 + 18^2 = 10 + 50 + 91 + 102 + 182 \\
 435 &:= 1^0 + 5^2 + 8^1 + 9^0 + 20^2 = 10 + 52 + 81 + 90 + 202 \\
 435 &:= 1^0 + 7^0 + 8^1 + 8^2 + 19^2 = 10 + 70 + 81 + 82 + 192 \\
 435 &:= 1^1 + 1^7 + 2^5 + 18^0 + 20^2 = 11 + 17 + 25 + 180 + 202 \\
 435 &:= 1^2 + 1^6 + 2^5 + 18^0 + 20^2 = 12 + 16 + 25 + 180 + 202 \\
 435 &:= 1^2 + 2^3 + 2^8 + 13^2 + 24^0 = 12 + 23 + 28 + 132 + 240 \\
 435 &:= 1^2 + 2^4 + 2^7 + 17^2 + 20^0 = 12 + 24 + 27 + 172 + 200 \\
 435 &:= 1^3 + 1^5 + 2^5 + 18^0 + 20^2 = 13 + 15 + 25 + 180 + 202 \\
 435 &:= 1^4 + 1^4 + 2^5 + 18^0 + 20^2 = 14 + 14 + 25 + 180 + 202 \\
 435 &:= 1^4 + 2^3 + 2^6 + 18^0 + 19^2 = 14 + 23 + 26 + 180 + 192 \\
 435 &:= 1^4 + 2^7 + 4^2 + 17^2 + 18^0 = 14 + 27 + 42 + 172 + 180 \\
 435 &:= 1^4 + 2^7 + 7^2 + 16^0 + 16^2 = 14 + 27 + 72 + 160 + 162 \\
 435 &:= 1^4 + 2^8 + 8^1 + 13^2 + 18^0 = 14 + 28 + 81 + 132 + 180
 \end{aligned}$$

$$\begin{aligned}
 435 &:= 1^5 + 2^6 + 12^0 + 12^2 + 15^2 = 15 + 26 + 120 + 122 + 152 \\
 435 &:= 1^5 + 2^6 + 6^0 + 7^3 + 26^1 = 15 + 26 + 60 + 73 + 261 \\
 435 &:= 1^5 + 2^7 + 6^0 + 16^1 + 17^2 = 15 + 27 + 60 + 161 + 172 \\
 435 &:= 1^6 + 2^3 + 4^4 + 13^2 + 22^0 = 16 + 23 + 44 + 132 + 220 \\
 435 &:= 1^6 + 2^6 + 8^1 + 12^0 + 19^2 = 16 + 26 + 81 + 120 + 192 \\
 435 &:= 1^7 + 2^3 + 4^3 + 16^0 + 19^2 = 17 + 23 + 43 + 160 + 192 \\
 435 &:= 1^7 + 3^4 + 7^3 + 9^1 + 22^0 = 17 + 34 + 73 + 91 + 220 \\
 435 &:= 1^7 + 3^5 + 4^0 + 13^2 + 21^1 = 17 + 35 + 40 + 132 + 211 \\
 435 &:= 1^8 + 2^0 + 2^4 + 17^1 + 20^2 = 18 + 20 + 24 + 171 + 202 \\
 435 &:= 1^8 + 2^0 + 2^5 + 17^0 + 20^2 = 18 + 20 + 25 + 170 + 202 \\
 435 &:= 1^8 + 2^3 + 10^0 + 13^2 + 16^2 = 18 + 23 + 100 + 132 + 162 \\
 435 &:= 1^8 + 2^3 + 5^2 + 14^0 + 20^2 = 18 + 23 + 52 + 140 + 202 \\
 435 &:= 1^8 + 2^3 + 8^2 + 12^0 + 19^2 = 18 + 23 + 82 + 120 + 192 \\
 435 &:= 1^8 + 2^5 + 3^0 + 16^0 + 20^2 = 18 + 25 + 30 + 160 + 202 \\
 435 &:= 1^8 + 2^5 + 4^0 + 15^0 + 20^2 = 18 + 25 + 40 + 150 + 202 \\
 435 &:= 1^8 + 2^5 + 5^0 + 14^0 + 20^2 = 18 + 25 + 50 + 140 + 202 \\
 435 &:= 1^8 + 2^5 + 6^0 + 13^0 + 20^2 = 18 + 25 + 60 + 130 + 202 \\
 435 &:= 1^8 + 2^5 + 7^0 + 12^0 + 20^2 = 18 + 25 + 70 + 120 + 202 \\
 435 &:= 1^8 + 2^5 + 8^0 + 11^0 + 20^2 = 18 + 25 + 80 + 110 + 202 \\
 435 &:= 1^8 + 2^5 + 9^0 + 10^0 + 20^2 = 18 + 25 + 90 + 100 + 202 \\
 435 &:= 1^8 + 3^2 + 7^3 + 9^2 + 22^0 = 18 + 32 + 73 + 92 + 220 \\
 435 &:= 1^8 + 4^0 + 4^3 + 7^3 + 26^1 = 18 + 40 + 43 + 73 + 261 \\
 435 &:= 1^8 + 4^3 + 10^0 + 12^2 + 15^2 = 18 + 43 + 100 + 122 + 152 \\
 435 &:= 1^8 + 4^4 + 8^1 + 13^2 + 16^0 = 18 + 44 + 81 + 132 + 160 \\
 435 &:= 1^9 + 1^9 + 2^4 + 17^1 + 20^2 = 19 + 19 + 24 + 171 + 202 \\
 435 &:= 1^9 + 1^9 + 2^5 + 17^0 + 20^2 = 19 + 19 + 25 + 170 + 202
 \end{aligned}$$

$$\begin{aligned}
 435 &:= 1^9 + 2^0 + 6^3 + 6^3 + 27^0 = 19 + 20 + 63 + 63 + 270 \\
 435 &:= 1^9 + 2^5 + 2^8 + 11^2 + 25^1 = 19 + 25 + 28 + 112 + 251 \\
 435 &:= 1^9 + 3^0 + 6^3 + 6^3 + 26^0 = 19 + 30 + 63 + 63 + 260 \\
 435 &:= 1^9 + 3^2 + 10^0 + 10^2 + 18^2 = 19 + 32 + 100 + 102 + 182 \\
 435 &:= 1^9 + 3^3 + 6^1 + 12^0 + 20^2 = 19 + 33 + 61 + 120 + 202 \\
 435 &:= 1^9 + 4^0 + 6^3 + 6^3 + 25^0 = 19 + 40 + 63 + 63 + 250 \\
 435 &:= 1^9 + 4^3 + 8^1 + 10^0 + 19^2 = 19 + 43 + 81 + 100 + 192 \\
 435 &:= 1^9 + 5^0 + 6^3 + 6^3 + 24^0 = 19 + 50 + 63 + 63 + 240 \\
 435 &:= 1^9 + 6^0 + 6^3 + 6^3 + 23^0 = 19 + 60 + 63 + 63 + 230 \\
 435 &:= 1^9 + 6^0 + 8^2 + 12^2 + 15^2 = 19 + 60 + 82 + 122 + 152 \\
 435 &:= 1^9 + 6^2 + 6^2 + 10^0 + 19^2 = 19 + 62 + 62 + 100 + 192 \\
 435 &:= 1^9 + 6^3 + 6^3 + 10^0 + 19^0 = 19 + 63 + 63 + 100 + 190 \\
 435 &:= 1^9 + 6^3 + 6^3 + 11^0 + 18^0 = 19 + 63 + 63 + 110 + 180 \\
 435 &:= 1^9 + 6^3 + 6^3 + 12^0 + 17^0 = 19 + 63 + 63 + 120 + 170 \\
 435 &:= 1^9 + 6^3 + 6^3 + 13^0 + 16^0 = 19 + 63 + 63 + 130 + 160 \\
 435 &:= 1^9 + 6^3 + 6^3 + 14^0 + 15^0 = 19 + 63 + 63 + 140 + 150 \\
 435 &:= 1^9 + 6^3 + 6^3 + 7^0 + 22^0 = 19 + 63 + 63 + 70 + 220 \\
 435 &:= 1^9 + 6^3 + 6^3 + 8^0 + 21^0 = 19 + 63 + 63 + 80 + 210 \\
 435 &:= 1^9 + 6^3 + 6^3 + 9^0 + 20^0 = 19 + 63 + 63 + 90 + 200 \\
 435 &:= 1^9 + 7^3 + 9^1 + 9^2 + 16^0 = 19 + 73 + 91 + 92 + 160 \\
 435 &:= 2^0 + 4^0 + 8^1 + 13^2 + 16^2 = 20 + 40 + 81 + 132 + 162 \\
 435 &:= 2^0 + 4^0 + 9^1 + 10^2 + 18^2 = 20 + 40 + 91 + 102 + 182 \\
 435 &:= 2^0 + 5^2 + 8^0 + 8^1 + 20^2 = 20 + 52 + 80 + 81 + 202 \\
 435 &:= 2^0 + 6^0 + 8^1 + 8^2 + 19^2 = 20 + 60 + 81 + 82 + 192 \\
 435 &:= 2^2 + 2^8 + 5^3 + 7^2 + 26^0 = 22 + 28 + 53 + 72 + 260
 \end{aligned}$$

$$\begin{aligned}
 435 &:= 2^3 + 2^8 + 7^2 + 11^2 + 20^0 = 23 + 28 + 72 + 112 + 200 \\
 435 &:= 2^4 + 2^7 + 11^2 + 13^2 + 14^0 = 24 + 27 + 112 + 132 + 140 \\
 435 &:= 2^4 + 2^8 + 8^0 + 12^2 + 18^1 = 24 + 28 + 80 + 122 + 181 \\
 435 &:= 2^5 + 2^6 + 12^0 + 13^2 + 13^2 = 25 + 26 + 120 + 132 + 132 \\
 435 &:= 2^5 + 2^6 + 7^2 + 14^0 + 17^2 = 25 + 26 + 72 + 140 + 172 \\
 435 &:= 2^5 + 2^7 + 4^0 + 16^2 + 18^1 = 25 + 27 + 40 + 162 + 181 \\
 435 &:= 2^6 + 2^6 + 4^0 + 17^1 + 17^2 = 26 + 26 + 40 + 171 + 172 \\
 435 &:= 2^6 + 3^4 + 4^3 + 15^2 + 18^0 = 26 + 34 + 43 + 152 + 180 \\
 435 &:= 2^7 + 3^3 + 4^4 + 10^0 + 23^1 = 27 + 33 + 44 + 100 + 231 \\
 435 &:= 2^7 + 3^4 + 6^3 + 9^1 + 22^0 = 27 + 34 + 63 + 91 + 220 \\
 435 &:= 2^7 + 3^4 + 9^2 + 12^2 + 16^0 = 27 + 34 + 92 + 122 + 160 \\
 435 &:= 2^7 + 3^5 + 4^0 + 6^2 + 27^1 = 27 + 35 + 40 + 62 + 271 \\
 435 &:= 2^7 + 3^5 + 7^2 + 14^1 + 16^0 = 27 + 35 + 72 + 141 + 160 \\
 435 &:= 2^7 + 4^4 + 5^2 + 5^2 + 26^0 = 27 + 44 + 52 + 52 + 260 \\
 435 &:= 2^8 + 3^3 + 5^3 + 6^0 + 26^1 = 28 + 33 + 53 + 60 + 261 \\
 435 &:= 2^8 + 3^4 + 9^2 + 12^0 + 16^1 = 28 + 34 + 92 + 120 + 161 \\
 435 &:= 3^0 + 3^0 + 8^1 + 13^2 + 16^2 = 30 + 30 + 81 + 132 + 162 \\
 435 &:= 3^0 + 3^0 + 9^1 + 10^2 + 18^2 = 30 + 30 + 91 + 102 + 182 \\
 435 &:= 3^0 + 5^0 + 8^1 + 8^2 + 19^2 = 30 + 50 + 81 + 82 + 192 \\
 435 &:= 3^0 + 5^2 + 7^0 + 8^1 + 20^2 = 30 + 52 + 70 + 81 + 202 \\
 435 &:= 4^0 + 4^0 + 8^1 + 8^2 + 19^2 = 40 + 40 + 81 + 82 + 192 \\
 435 &:= 4^0 + 5^2 + 6^0 + 8^1 + 20^2 = 40 + 52 + 60 + 81 + 202 \\
 435 &:= 5^0 + 5^0 + 5^2 + 8^1 + 20^2 = 50 + 50 + 52 + 81 + 202
 \end{aligned}$$

2.2.337 Number 436

$$\begin{aligned}
 436 &:= 1^9 + 2^4 + 19^1 + 20^2 = 19 + 24 + 191 + 202 \\
 436 &:= 2^5 + 2^8 + 11^2 + 27^1 = 25 + 28 + 112 + 271 \\
 436 &:= 3^3 + 8^1 + 12^0 + 20^2 = 33 + 81 + 120 + 202 \\
 436 &:= 4^3 + 10^0 + 10^1 + 19^2 = 43 + 100 + 101 + 192 \\
 436 &:= 5^2 + 10^0 + 11^2 + 17^2 = 52 + 100 + 112 + 172 \\
 436 &:= 5^2 + 7^2 + 12^0 + 19^2 = 52 + 72 + 120 + 192 \\
 436 &:= 7^3 + 9^2 + 11^1 + 16^0 = 73 + 92 + 111 + 160 \\
 436 &:= 1^0 + 1^2 + 12^0 + 12^2 + 17^2 = 10 + 12 + 120 + 122 + 172 \\
 436 &:= 1^0 + 1^9 + 2^4 + 18^1 + 20^2 = 10 + 19 + 24 + 181 + 202 \\
 436 &:= 1^0 + 2^5 + 2^8 + 11^2 + 26^1 = 10 + 25 + 28 + 112 + 261 \\
 436 &:= 1^0 + 3^2 + 10^0 + 13^2 + 16^2 = 10 + 32 + 100 + 132 + 162
 \end{aligned}$$

$$\begin{aligned}
 436 &:= 1^0 + 3^2 + 5^2 + 14^0 + 20^2 = 10 + 32 + 52 + 140 + 202 \\
 436 &:= 1^0 + 3^2 + 8^2 + 12^0 + 19^2 = 10 + 32 + 82 + 120 + 192 \\
 436 &:= 1^0 + 3^3 + 7^1 + 12^0 + 20^2 = 10 + 33 + 71 + 120 + 202 \\
 436 &:= 1^0 + 4^3 + 9^1 + 10^0 + 19^2 = 10 + 43 + 91 + 100 + 192 \\
 436 &:= 1^0 + 6^0 + 11^2 + 12^2 + 13^2 = 10 + 60 + 112 + 122 + 132 \\
 436 &:= 1^0 + 7^3 + 9^2 + 10^1 + 16^0 = 10 + 73 + 92 + 101 + 160 \\
 436 &:= 1^0 + 8^0 + 8^2 + 9^2 + 17^2 = 10 + 80 + 82 + 92 + 172 \\
 436 &:= 1^1 + 1^1 + 12^0 + 12^2 + 17^2 = 11 + 11 + 120 + 122 + 172 \\
 436 &:= 1^1 + 1^8 + 2^4 + 18^1 + 20^2 = 11 + 18 + 24 + 181 + 202 \\
 436 &:= 1^1 + 4^0 + 10^1 + 10^2 + 18^2 = 11 + 40 + 101 + 102 + 182 \\
 436 &:= 1^1 + 4^0 + 9^1 + 13^2 + 16^2 = 11 + 40 + 91 + 132 + 162
 \end{aligned}$$

$$\begin{aligned}436 &:= 1^1 + 5^2 + 8^0 + 9^1 + 20^2 = 11 + 52 + 80 + 91 + 202 \\436 &:= 1^1 + 6^0 + 8^2 + 9^1 + 19^2 = 11 + 60 + 82 + 91 + 192 \\436 &:= 1^2 + 1^7 + 2^4 + 18^1 + 20^2 = 12 + 17 + 24 + 181 + 202 \\436 &:= 1^2 + 2^0 + 11^0 + 12^2 + 17^2 = 12 + 20 + 110 + 122 + 172 \\436 &:= 1^2 + 3^0 + 10^0 + 12^2 + 17^2 = 12 + 30 + 100 + 122 + 172 \\436 &:= 1^2 + 4^0 + 9^0 + 12^2 + 17^2 = 12 + 40 + 90 + 122 + 172 \\436 &:= 1^2 + 5^0 + 8^0 + 12^2 + 17^2 = 12 + 50 + 80 + 122 + 172 \\436 &:= 1^2 + 6^0 + 7^0 + 12^2 + 17^2 = 12 + 60 + 70 + 122 + 172 \\436 &:= 1^3 + 1^6 + 2^4 + 18^1 + 20^2 = 13 + 16 + 24 + 181 + 202 \\436 &:= 1^3 + 1^9 + 11^0 + 12^2 + 17^2 = 13 + 19 + 110 + 122 + 172 \\436 &:= 1^3 + 2^7 + 3^4 + 15^2 + 21^0 = 13 + 27 + 34 + 152 + 210 \\436 &:= 1^3 + 2^8 + 6^2 + 11^2 + 22^1 = 13 + 28 + 62 + 112 + 221 \\436 &:= 1^4 + 1^5 + 2^4 + 18^1 + 20^2 = 14 + 15 + 24 + 181 + 202 \\436 &:= 1^4 + 1^8 + 11^0 + 12^2 + 17^2 = 14 + 18 + 110 + 122 + 172 \\436 &:= 1^4 + 2^6 + 3^4 + 17^2 + 19^0 = 14 + 26 + 34 + 172 + 190 \\436 &:= 1^4 + 2^6 + 4^3 + 17^2 + 18^1 = 14 + 26 + 43 + 172 + 181 \\436 &:= 1^4 + 2^8 + 3^2 + 13^2 + 23^0 = 14 + 28 + 32 + 132 + 230 \\436 &:= 1^5 + 1^7 + 11^0 + 12^2 + 17^2 = 15 + 17 + 110 + 122 + 172 \\436 &:= 1^5 + 2^7 + 9^2 + 15^0 + 15^2 = 15 + 27 + 92 + 150 + 152 \\436 &:= 1^5 + 2^8 + 9^1 + 13^2 + 17^0 = 15 + 28 + 91 + 132 + 170 \\436 &:= 1^6 + 1^6 + 11^0 + 12^2 + 17^2 = 16 + 16 + 110 + 122 + 172 \\436 &:= 1^6 + 2^5 + 11^1 + 14^2 + 14^2 = 16 + 25 + 111 + 142 + 142 \\436 &:= 1^6 + 2^6 + 3^2 + 17^0 + 19^2 = 16 + 26 + 32 + 170 + 192 \\436 &:= 1^6 + 2^6 + 5^0 + 7^3 + 27^1 = 16 + 26 + 50 + 73 + 271 \\436 &:= 1^6 + 2^6 + 9^2 + 13^0 + 17^2 = 16 + 26 + 92 + 130 + 172 \\436 &:= 1^6 + 2^7 + 5^0 + 17^1 + 17^2 = 16 + 27 + 50 + 171 + 172 \\436 &:= 1^7 + 2^6 + 9^1 + 11^0 + 19^2 = 17 + 26 + 91 + 110 + 192 \\436 &:= 1^7 + 3^3 + 4^3 + 7^3 + 27^0 = 17 + 33 + 43 + 73 + 270 \\436 &:= 1^7 + 3^4 + 4^3 + 17^0 + 17^2 = 17 + 34 + 43 + 170 + 172 \\436 &:= 1^8 + 2^1 + 2^4 + 17^1 + 20^2 = 18 + 21 + 24 + 171 + 202 \\436 &:= 1^8 + 2^1 + 2^5 + 17^0 + 20^2 = 18 + 21 + 25 + 170 + 202 \\436 &:= 1^8 + 2^2 + 5^3 + 17^1 + 17^2 = 18 + 22 + 53 + 171 + 172 \\436 &:= 1^8 + 2^2 + 6^3 + 14^2 + 19^1 = 18 + 22 + 63 + 142 + 191 \\436 &:= 1^8 + 2^2 + 7^3 + 8^2 + 24^1 = 18 + 22 + 73 + 82 + 241 \\436 &:= 1^8 + 2^4 + 3^1 + 16^1 + 20^2 = 18 + 24 + 31 + 161 + 202 \\436 &:= 1^8 + 2^4 + 4^1 + 15^1 + 20^2 = 18 + 24 + 41 + 151 + 202 \\436 &:= 1^8 + 2^4 + 5^1 + 14^1 + 20^2 = 18 + 24 + 51 + 141 + 202 \\436 &:= 1^8 + 2^4 + 6^1 + 13^1 + 20^2 = 18 + 24 + 61 + 131 + 202\end{aligned}$$

$$\begin{aligned}436 &:= 1^8 + 2^4 + 7^1 + 12^1 + 20^2 = 18 + 24 + 71 + 121 + 202 \\436 &:= 1^8 + 2^4 + 8^1 + 11^1 + 20^2 = 18 + 24 + 81 + 111 + 202 \\436 &:= 1^8 + 2^4 + 9^1 + 10^1 + 20^2 = 18 + 24 + 91 + 101 + 202 \\436 &:= 1^8 + 3^0 + 3^5 + 13^2 + 22^1 = 18 + 30 + 35 + 132 + 221 \\436 &:= 1^8 + 3^2 + 4^4 + 13^2 + 21^0 = 18 + 32 + 44 + 132 + 210 \\436 &:= 1^8 + 3^3 + 7^3 + 8^2 + 23^0 = 18 + 33 + 73 + 82 + 230 \\436 &:= 1^8 + 3^4 + 7^3 + 10^1 + 21^0 = 18 + 34 + 73 + 101 + 210 \\436 &:= 1^8 + 3^4 + 8^2 + 13^0 + 17^2 = 18 + 34 + 82 + 130 + 172 \\436 &:= 1^8 + 7^2 + 11^2 + 11^2 + 12^2 = 18 + 72 + 112 + 112 + 122 \\436 &:= 1^8 + 8^2 + 9^2 + 11^2 + 13^2 = 18 + 82 + 92 + 112 + 132 \\436 &:= 1^9 + 2^1 + 6^3 + 6^3 + 27^0 = 19 + 21 + 63 + 63 + 270 \\436 &:= 1^9 + 2^2 + 10^1 + 14^2 + 15^2 = 19 + 22 + 101 + 142 + 152 \\436 &:= 1^9 + 2^2 + 4^2 + 15^1 + 20^2 = 19 + 22 + 42 + 151 + 202 \\436 &:= 1^9 + 3^0 + 4^3 + 7^3 + 27^1 = 19 + 30 + 43 + 73 + 271 \\436 &:= 1^9 + 3^2 + 4^3 + 15^0 + 19^2 = 19 + 32 + 43 + 150 + 192 \\436 &:= 1^9 + 4^2 + 9^1 + 11^2 + 17^2 = 19 + 42 + 91 + 112 + 172 \\436 &:= 1^9 + 4^3 + 9^2 + 11^0 + 17^2 = 19 + 43 + 92 + 110 + 172 \\436 &:= 1^9 + 4^4 + 9^1 + 13^2 + 15^0 = 19 + 44 + 91 + 132 + 150 \\436 &:= 1^9 + 6^1 + 8^2 + 13^2 + 14^2 = 19 + 61 + 82 + 132 + 142 \\436 &:= 1^9 + 6^2 + 7^1 + 14^2 + 14^2 = 19 + 62 + 71 + 142 + 142 \\436 &:= 1^9 + 6^3 + 7^2 + 13^2 + 15^0 = 19 + 63 + 72 + 132 + 150 \\436 &:= 2^0 + 3^2 + 5^2 + 13^0 + 20^2 = 20 + 32 + 52 + 130 + 202 \\436 &:= 2^0 + 3^2 + 8^2 + 11^0 + 19^2 = 20 + 32 + 82 + 110 + 192 \\436 &:= 2^0 + 3^2 + 9^0 + 13^2 + 16^2 = 20 + 32 + 90 + 132 + 162 \\436 &:= 2^0 + 3^3 + 7^1 + 11^0 + 20^2 = 20 + 33 + 71 + 110 + 202 \\436 &:= 2^0 + 4^3 + 9^0 + 9^1 + 19^2 = 20 + 43 + 90 + 91 + 192 \\436 &:= 2^0 + 5^0 + 11^2 + 12^2 + 13^2 = 20 + 50 + 112 + 122 + 132 \\436 &:= 2^0 + 7^0 + 8^2 + 9^2 + 17^2 = 20 + 70 + 82 + 92 + 172 \\436 &:= 2^0 + 7^3 + 9^2 + 10^1 + 15^0 = 20 + 73 + 92 + 101 + 150 \\436 &:= 2^1 + 4^0 + 8^1 + 13^2 + 16^2 = 21 + 40 + 81 + 132 + 162 \\436 &:= 2^1 + 4^0 + 9^1 + 10^2 + 18^2 = 21 + 40 + 91 + 102 + 182 \\436 &:= 2^1 + 5^2 + 8^0 + 8^1 + 20^2 = 21 + 52 + 80 + 81 + 202 \\436 &:= 2^1 + 6^0 + 8^1 + 8^2 + 19^2 = 21 + 60 + 81 + 82 + 192 \\436 &:= 2^2 + 2^3 + 2^8 + 12^2 + 24^1 = 22 + 23 + 28 + 122 + 241 \\436 &:= 2^2 + 2^6 + 3^5 + 10^2 + 25^1 = 22 + 26 + 35 + 102 + 251 \\436 &:= 2^3 + 2^8 + 3^3 + 12^2 + 23^0 = 23 + 28 + 33 + 122 + 230 \\436 &:= 2^4 + 2^5 + 3^4 + 17^2 + 18^1 = 24 + 25 + 34 + 172 + 181 \\436 &:= 2^4 + 2^5 + 3^5 + 12^2 + 23^0 = 24 + 25 + 35 + 122 + 230\end{aligned}$$

$$\begin{aligned}
 436 &:= 2^4 + 2^7 + 9^2 + 14^2 + 15^1 = 24 + 27 + 92 + 142 + 151 \\
 436 &:= 2^5 + 2^6 + 6^2 + 15^1 + 17^2 = 25 + 26 + 62 + 151 + 172 \\
 436 &:= 2^5 + 2^8 + 3^1 + 12^2 + 23^0 = 25 + 28 + 31 + 122 + 230 \\
 436 &:= 2^6 + 2^7 + 5^0 + 15^2 + 18^1 = 26 + 27 + 50 + 152 + 181 \\
 436 &:= 2^6 + 3^3 + 4^4 + 8^2 + 25^1 = 26 + 33 + 44 + 82 + 251 \\
 436 &:= 2^6 + 3^5 + 4^3 + 8^2 + 25^0 = 26 + 35 + 43 + 82 + 250 \\
 436 &:= 2^6 + 3^5 + 5^2 + 9^2 + 23^1 = 26 + 35 + 52 + 92 + 231 \\
 436 &:= 2^6 + 4^3 + 4^4 + 5^2 + 27^1 = 26 + 43 + 44 + 52 + 271 \\
 436 &:= 2^7 + 3^3 + 4^3 + 6^3 + 27^0 = 27 + 33 + 43 + 63 + 270 \\
 436 &:= 2^8 + 3^2 + 3^3 + 11^2 + 23^1 = 28 + 32 + 33 + 112 + 231 \\
 436 &:= 2^8 + 3^4 + 7^2 + 7^2 + 23^0 = 28 + 34 + 72 + 72 + 230 \\
 436 &:= 3^0 + 3^2 + 5^2 + 12^0 + 20^2 = 30 + 32 + 52 + 120 + 202 \\
 436 &:= 3^0 + 3^2 + 8^0 + 13^2 + 16^2 = 30 + 32 + 80 + 132 + 162 \\
 436 &:= 3^0 + 3^2 + 8^2 + 10^0 + 19^2 = 30 + 32 + 82 + 100 + 192 \\
 436 &:= 3^0 + 3^3 + 7^1 + 10^0 + 20^2 = 30 + 33 + 71 + 100 + 202 \\
 436 &:= 3^0 + 4^0 + 11^2 + 12^2 + 13^2 = 30 + 40 + 112 + 122 + 132 \\
 436 &:= 3^0 + 4^3 + 8^0 + 9^1 + 19^2 = 30 + 43 + 80 + 91 + 192 \\
 436 &:= 3^0 + 6^0 + 8^2 + 9^2 + 17^2 = 30 + 60 + 82 + 92 + 172 \\
 436 &:= 3^0 + 7^3 + 9^2 + 10^1 + 14^0 = 30 + 73 + 92 + 101 + 140 \\
 436 &:= 3^1 + 4^0 + 7^1 + 13^2 + 16^2 = 31 + 40 + 71 + 132 + 162 \\
 436 &:= 3^1 + 4^0 + 8^1 + 10^2 + 18^2 = 31 + 40 + 81 + 102 + 182 \\
 436 &:= 3^1 + 5^2 + 7^1 + 8^0 + 20^2 = 31 + 52 + 71 + 80 + 202 \\
 436 &:= 3^1 + 6^0 + 7^1 + 8^2 + 19^2 = 31 + 60 + 71 + 82 + 192 \\
 436 &:= 3^2 + 4^0 + 5^2 + 11^0 + 20^2 = 32 + 40 + 52 + 110 + 202 \\
 436 &:= 3^2 + 4^0 + 7^0 + 13^2 + 16^2 = 32 + 40 + 70 + 132 + 162 \\
 436 &:= 3^2 + 4^0 + 8^2 + 9^0 + 19^2 = 32 + 40 + 82 + 90 + 192
 \end{aligned}$$

$$\begin{aligned}
 436 &:= 3^2 + 5^0 + 5^2 + 10^0 + 20^2 = 32 + 50 + 52 + 100 + 202 \\
 436 &:= 3^2 + 5^0 + 6^0 + 13^2 + 16^2 = 32 + 50 + 60 + 132 + 162 \\
 436 &:= 3^2 + 5^0 + 8^0 + 8^2 + 19^2 = 32 + 50 + 80 + 82 + 192 \\
 436 &:= 3^2 + 5^2 + 6^0 + 9^0 + 20^2 = 32 + 52 + 60 + 90 + 202 \\
 436 &:= 3^2 + 5^2 + 7^0 + 8^0 + 20^2 = 32 + 52 + 70 + 80 + 202 \\
 436 &:= 3^2 + 6^0 + 7^0 + 8^2 + 19^2 = 32 + 60 + 70 + 82 + 192 \\
 436 &:= 3^3 + 4^0 + 7^1 + 9^0 + 20^2 = 33 + 40 + 71 + 90 + 202 \\
 436 &:= 3^3 + 5^0 + 7^1 + 8^0 + 20^2 = 33 + 50 + 71 + 80 + 202 \\
 436 &:= 3^3 + 6^0 + 7^0 + 7^1 + 20^2 = 33 + 60 + 70 + 71 + 202 \\
 436 &:= 4^0 + 4^1 + 6^1 + 13^2 + 16^2 = 40 + 41 + 61 + 132 + 162 \\
 436 &:= 4^0 + 4^1 + 7^1 + 10^2 + 18^2 = 40 + 41 + 71 + 102 + 182 \\
 436 &:= 4^0 + 4^3 + 7^0 + 9^1 + 19^2 = 40 + 43 + 70 + 91 + 192 \\
 436 &:= 4^0 + 5^0 + 8^2 + 9^2 + 17^2 = 40 + 50 + 82 + 92 + 172 \\
 436 &:= 4^0 + 5^1 + 5^1 + 13^2 + 16^2 = 40 + 51 + 51 + 132 + 162 \\
 436 &:= 4^0 + 5^1 + 6^1 + 10^2 + 18^2 = 40 + 51 + 61 + 102 + 182 \\
 436 &:= 4^0 + 7^3 + 9^2 + 10^1 + 13^0 = 40 + 73 + 92 + 101 + 130 \\
 436 &:= 4^1 + 5^2 + 6^1 + 8^0 + 20^2 = 41 + 52 + 61 + 80 + 202 \\
 436 &:= 4^1 + 6^0 + 6^1 + 8^2 + 19^2 = 41 + 60 + 61 + 82 + 192 \\
 436 &:= 4^3 + 5^0 + 6^0 + 9^1 + 19^2 = 43 + 50 + 60 + 91 + 192 \\
 436 &:= 5^0 + 7^3 + 9^2 + 10^1 + 12^0 = 50 + 73 + 92 + 101 + 120 \\
 436 &:= 5^1 + 5^1 + 5^2 + 8^0 + 20^2 = 51 + 51 + 52 + 80 + 202 \\
 436 &:= 5^1 + 5^1 + 6^0 + 8^2 + 19^2 = 51 + 51 + 60 + 82 + 192 \\
 436 &:= 6^0 + 7^3 + 9^2 + 10^1 + 11^0 = 60 + 73 + 92 + 101 + 110 \\
 436 &:= 7^0 + 7^3 + 9^2 + 10^0 + 10^1 = 70 + 73 + 92 + 100 + 101 \\
 436 &:= 7^3 + 8^0 + 9^0 + 9^2 + 10^1 = 73 + 80 + 90 + 92 + 101
 \end{aligned}$$

2.2.338 Number 437

$$\begin{aligned}
 437 &:= 2^4 + 20^2 + 21^1 = 24 + 202 + 211 \\
 437 &:= 1^0 + 2^4 + 20^1 + 20^2 = 10 + 24 + 201 + 202 \\
 437 &:= 2^2 + 12^1 + 14^2 + 15^2 = 22 + 121 + 142 + 152 \\
 437 &:= 2^2 + 4^2 + 17^1 + 20^2 = 22 + 42 + 171 + 202 \\
 437 &:= 3^0 + 4^3 + 7^3 + 29^1 = 30 + 43 + 73 + 291 \\
 437 &:= 3^2 + 3^3 + 17^0 + 20^2 = 32 + 33 + 170 + 202 \\
 437 &:= 4^1 + 6^3 + 6^3 + 27^0 = 41 + 63 + 63 + 270 \\
 437 &:= 4^2 + 11^1 + 11^2 + 17^2 = 42 + 111 + 112 + 172 \\
 437 &:= 4^4 + 11^1 + 13^2 + 15^0 = 44 + 111 + 132 + 150
 \end{aligned}$$

$$\begin{aligned}
 437 &:= 6^2 + 9^1 + 14^2 + 14^2 = 62 + 91 + 142 + 142 \\
 437 &:= 8^1 + 8^2 + 13^2 + 14^2 = 81 + 82 + 132 + 142 \\
 437 &:= 1^0 + 1^0 + 2^4 + 19^1 + 20^2 = 10 + 10 + 24 + 191 + 202 \\
 437 &:= 1^0 + 2^2 + 11^1 + 14^2 + 15^2 = 10 + 22 + 111 + 142 + 152 \\
 437 &:= 1^0 + 2^2 + 4^2 + 16^1 + 20^2 = 10 + 22 + 42 + 161 + 202 \\
 437 &:= 1^0 + 3^1 + 6^3 + 6^3 + 27^0 = 10 + 31 + 63 + 63 + 270 \\
 437 &:= 1^0 + 4^2 + 10^1 + 11^2 + 17^2 = 10 + 42 + 101 + 112 + 172 \\
 437 &:= 1^0 + 4^4 + 10^1 + 13^2 + 15^0 = 10 + 44 + 101 + 132 + 150 \\
 437 &:= 1^0 + 6^2 + 8^1 + 14^2 + 14^2 = 10 + 62 + 81 + 142 + 142
 \end{aligned}$$

$$\begin{aligned} 437 &:= 1^0 + 7^1 + 8^2 + 13^2 + 14^2 = 10 + 71 + 82 + 132 + 142 \\ 437 &:= 1^1 + 3^3 + 8^1 + 11^0 + 20^2 = 11 + 33 + 81 + 110 + 202 \\ 437 &:= 1^1 + 4^3 + 9^0 + 10^1 + 19^2 = 11 + 43 + 90 + 101 + 192 \\ 437 &:= 1^1 + 5^2 + 7^2 + 11^0 + 19^2 = 11 + 52 + 72 + 110 + 192 \\ 437 &:= 1^1 + 5^2 + 9^0 + 11^2 + 17^2 = 11 + 52 + 90 + 112 + 172 \\ 437 &:= 1^1 + 7^3 + 9^2 + 11^1 + 15^0 = 11 + 73 + 92 + 111 + 150 \\ 437 &:= 1^2 + 2^1 + 11^0 + 12^2 + 17^2 = 12 + 21 + 110 + 122 + 172 \\ 437 &:= 1^2 + 3^0 + 10^1 + 13^2 + 16^2 = 12 + 30 + 101 + 132 + 162 \\ 437 &:= 1^2 + 3^0 + 10^2 + 11^1 + 18^2 = 12 + 30 + 102 + 111 + 182 \\ 437 &:= 1^2 + 5^0 + 8^2 + 10^1 + 19^2 = 12 + 50 + 82 + 101 + 192 \\ 437 &:= 1^2 + 5^2 + 7^0 + 10^1 + 20^2 = 12 + 52 + 70 + 101 + 202 \\ 437 &:= 1^6 + 2^8 + 10^1 + 13^2 + 16^0 = 16 + 28 + 101 + 132 + 160 \\ 437 &:= 1^7 + 2^7 + 4^0 + 17^2 + 18^1 = 17 + 27 + 40 + 172 + 181 \\ 437 &:= 1^8 + 2^6 + 10^0 + 10^1 + 19^2 = 18 + 26 + 100 + 101 + 192 \\ 437 &:= 1^9 + 2^0 + 3^5 + 13^2 + 23^1 = 19 + 20 + 35 + 132 + 231 \\ 437 &:= 1^9 + 2^3 + 3^3 + 16^0 + 20^2 = 19 + 23 + 33 + 160 + 202 \\ 437 &:= 1^9 + 2^5 + 3^1 + 16^0 + 20^2 = 19 + 25 + 31 + 160 + 202 \\ 437 &:= 1^9 + 3^4 + 7^3 + 11^1 + 20^0 = 19 + 34 + 73 + 111 + 200 \\ 437 &:= 2^0 + 3^1 + 6^3 + 6^3 + 26^0 = 20 + 31 + 63 + 63 + 260 \\ 437 &:= 2^0 + 4^4 + 10^1 + 13^2 + 14^0 = 20 + 44 + 101 + 132 + 140 \\ 437 &:= 2^1 + 3^2 + 5^2 + 13^0 + 20^2 = 21 + 32 + 52 + 130 + 202 \\ 437 &:= 2^1 + 3^2 + 8^2 + 11^0 + 19^2 = 21 + 32 + 82 + 110 + 192 \\ 437 &:= 2^1 + 3^2 + 9^0 + 13^2 + 16^2 = 21 + 32 + 90 + 132 + 162 \\ 437 &:= 2^1 + 3^3 + 7^1 + 11^0 + 20^2 = 21 + 33 + 71 + 110 + 202 \\ 437 &:= 2^1 + 4^3 + 9^0 + 9^1 + 19^2 = 21 + 43 + 90 + 91 + 192 \\ 437 &:= 2^1 + 5^0 + 11^2 + 12^2 + 13^2 = 21 + 50 + 112 + 122 + 132 \\ 437 &:= 2^1 + 7^0 + 8^2 + 9^2 + 17^2 = 21 + 70 + 82 + 92 + 172 \\ 437 &:= 2^1 + 7^3 + 9^2 + 10^1 + 15^0 = 21 + 73 + 92 + 101 + 150 \\ 437 &:= 2^2 + 2^5 + 2^8 + 12^2 + 24^0 = 22 + 25 + 28 + 122 + 240 \\ 437 &:= 2^2 + 5^0 + 7^1 + 13^2 + 16^2 = 22 + 50 + 71 + 132 + 162 \\ 437 &:= 2^2 + 5^0 + 8^1 + 10^2 + 18^2 = 22 + 50 + 81 + 102 + 182 \\ 437 &:= 2^2 + 5^2 + 7^1 + 9^0 + 20^2 = 22 + 52 + 71 + 90 + 202 \\ 437 &:= 2^2 + 7^0 + 7^1 + 8^2 + 19^2 = 22 + 70 + 71 + 82 + 192 \\ 437 &:= 2^4 + 2^5 + 2^6 + 18^0 + 18^2 = 24 + 25 + 26 + 180 + 182 \\ 437 &:= 2^4 + 2^8 + 4^3 + 10^2 + 24^0 = 24 + 28 + 43 + 102 + 240 \\ 437 &:= 2^5 + 2^7 + 4^4 + 14^0 + 20^1 = 25 + 27 + 44 + 140 + 201 \\ 437 &:= 2^5 + 2^8 + 5^3 + 10^0 + 23^1 = 25 + 28 + 53 + 100 + 231 \\ 437 &:= 2^6 + 2^7 + 10^2 + 12^2 + 16^0 = 26 + 27 + 102 + 122 + 160 \end{aligned}$$

$$\begin{aligned} 437 &:= 2^6 + 2^8 + 10^2 + 12^0 + 16^1 = 26 + 28 + 102 + 120 + 161 \\ 437 &:= 2^7 + 2^7 + 11^1 + 13^2 + 14^0 = 27 + 27 + 111 + 132 + 140 \\ 437 &:= 2^8 + 3^4 + 3^4 + 16^0 + 18^1 = 28 + 34 + 34 + 160 + 181 \\ 437 &:= 3^0 + 3^1 + 6^3 + 6^3 + 25^0 = 30 + 31 + 63 + 63 + 250 \\ 437 &:= 3^0 + 4^1 + 12^2 + 12^2 + 12^2 = 30 + 41 + 122 + 122 + 122 \\ 437 &:= 3^0 + 4^2 + 7^2 + 10^1 + 19^2 = 30 + 42 + 72 + 101 + 192 \\ 437 &:= 3^0 + 4^4 + 10^1 + 13^0 + 13^2 = 30 + 44 + 101 + 130 + 132 \\ 437 &:= 3^0 + 6^1 + 6^2 + 13^2 + 15^2 = 30 + 61 + 62 + 132 + 152 \\ 437 &:= 3^1 + 3^2 + 9^0 + 10^2 + 18^2 = 31 + 32 + 90 + 102 + 182 \\ 437 &:= 3^1 + 3^3 + 6^1 + 11^0 + 20^2 = 31 + 33 + 61 + 110 + 202 \\ 437 &:= 3^1 + 4^0 + 6^3 + 6^3 + 24^0 = 31 + 40 + 63 + 63 + 240 \\ 437 &:= 3^1 + 4^3 + 8^1 + 9^0 + 19^2 = 31 + 43 + 81 + 90 + 192 \\ 437 &:= 3^1 + 5^0 + 6^3 + 6^3 + 23^0 = 31 + 50 + 63 + 63 + 230 \\ 437 &:= 3^1 + 5^0 + 8^2 + 12^2 + 15^2 = 31 + 50 + 82 + 122 + 152 \\ 437 &:= 3^1 + 6^0 + 6^3 + 6^3 + 22^0 = 31 + 60 + 63 + 63 + 220 \\ 437 &:= 3^1 + 6^2 + 6^2 + 9^0 + 19^2 = 31 + 62 + 62 + 90 + 192 \\ 437 &:= 3^1 + 6^3 + 6^3 + 10^0 + 18^0 = 31 + 63 + 63 + 100 + 180 \\ 437 &:= 3^1 + 6^3 + 6^3 + 11^0 + 17^0 = 31 + 63 + 63 + 110 + 170 \\ 437 &:= 3^1 + 6^3 + 6^3 + 12^0 + 16^0 = 31 + 63 + 63 + 120 + 160 \\ 437 &:= 3^1 + 6^3 + 6^3 + 13^0 + 15^0 = 31 + 63 + 63 + 130 + 150 \\ 437 &:= 3^1 + 6^3 + 6^3 + 14^0 + 14^0 = 31 + 63 + 63 + 140 + 140 \\ 437 &:= 3^1 + 6^3 + 6^3 + 7^0 + 21^0 = 31 + 63 + 63 + 70 + 210 \\ 437 &:= 3^1 + 6^3 + 6^3 + 8^0 + 20^0 = 31 + 63 + 63 + 80 + 200 \\ 437 &:= 3^1 + 6^3 + 6^3 + 9^0 + 19^0 = 31 + 63 + 63 + 90 + 190 \\ 437 &:= 3^1 + 7^3 + 9^1 + 9^2 + 15^0 = 31 + 73 + 91 + 92 + 150 \\ 437 &:= 3^2 + 4^2 + 5^0 + 11^1 + 20^2 = 32 + 42 + 50 + 111 + 202 \\ 437 &:= 3^2 + 5^0 + 6^1 + 14^2 + 15^2 = 32 + 50 + 61 + 142 + 152 \\ 437 &:= 3^3 + 4^1 + 5^1 + 11^0 + 20^2 = 33 + 41 + 51 + 110 + 202 \\ 437 &:= 4^0 + 4^4 + 10^1 + 12^0 + 13^2 = 40 + 44 + 101 + 120 + 132 \\ 437 &:= 4^1 + 4^2 + 4^2 + 11^0 + 20^2 = 41 + 42 + 42 + 110 + 202 \\ 437 &:= 4^1 + 4^3 + 7^1 + 9^0 + 19^2 = 41 + 43 + 71 + 90 + 192 \\ 437 &:= 4^1 + 7^3 + 8^1 + 9^2 + 15^0 = 41 + 73 + 81 + 92 + 150 \\ 437 &:= 4^3 + 5^1 + 6^1 + 9^0 + 19^2 = 43 + 51 + 61 + 90 + 192 \\ 437 &:= 4^4 + 5^0 + 10^1 + 11^0 + 13^2 = 44 + 50 + 101 + 110 + 132 \\ 437 &:= 4^4 + 6^0 + 10^0 + 10^1 + 13^2 = 44 + 60 + 100 + 101 + 132 \\ 437 &:= 4^4 + 7^0 + 9^0 + 10^1 + 13^2 = 44 + 70 + 90 + 101 + 132 \\ 437 &:= 4^4 + 8^0 + 8^0 + 10^1 + 13^2 = 44 + 80 + 80 + 101 + 132 \\ 437 &:= 5^0 + 5^2 + 6^1 + 9^2 + 18^2 = 50 + 52 + 61 + 92 + 182 \end{aligned}$$

$$437 := 5^1 + 7^1 + 7^3 + 9^2 + 15^0 = 51 + 71 + 73 + 92 + 150$$

$$437 := 6^1 + 6^1 + 7^3 + 9^2 + 15^0 = 61 + 61 + 73 + 92 + 150$$

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$$438 := 1^4 + 6^2 + 16^0 + 20^2 = 14 + 62 + 160 + 202$$

$$438 := 2^0 + 3^5 + 13^2 + 25^1 = 20 + 35 + 132 + 251$$

$$438 := 2^4 + 12^0 + 14^2 + 15^2 = 24 + 120 + 142 + 152$$

$$438 := 2^5 + 2^7 + 3^5 + 35^1 = 25 + 27 + 35 + 351$$

$$438 := 2^5 + 5^1 + 16^0 + 20^2 = 25 + 51 + 160 + 202$$

$$438 := 3^4 + 10^2 + 14^0 + 16^2 = 34 + 102 + 140 + 162$$

$$438 := 3^4 + 7^3 + 13^1 + 20^0 = 34 + 73 + 131 + 200$$

$$438 := 4^4 + 9^2 + 10^2 + 20^0 = 44 + 92 + 102 + 200$$

$$438 := 1^0 + 2^0 + 3^5 + 13^2 + 24^1 = 10 + 20 + 35 + 132 + 241$$

$$438 := 1^0 + 2^5 + 4^1 + 16^0 + 20^2 = 10 + 25 + 41 + 160 + 202$$

$$438 := 1^0 + 3^4 + 7^3 + 12^1 + 20^0 = 10 + 34 + 73 + 121 + 200$$

$$438 := 1^0 + 4^4 + 6^2 + 12^2 + 20^0 = 10 + 44 + 62 + 122 + 200$$

$$438 := 1^1 + 1^9 + 3^5 + 13^2 + 24^1 = 11 + 19 + 35 + 132 + 241$$

$$438 := 1^1 + 3^2 + 3^3 + 16^0 + 20^2 = 11 + 32 + 33 + 160 + 202$$

$$438 := 1^1 + 4^1 + 6^3 + 6^3 + 26^0 = 11 + 41 + 63 + 63 + 260$$

$$438 := 1^1 + 4^4 + 11^1 + 13^2 + 14^0 = 11 + 44 + 111 + 132 + 140$$

$$438 := 1^2 + 1^8 + 3^5 + 13^2 + 24^1 = 12 + 18 + 35 + 132 + 241$$

$$438 := 1^2 + 3^3 + 9^1 + 10^0 + 20^2 = 12 + 33 + 91 + 100 + 202$$

$$438 := 1^2 + 4^3 + 8^0 + 11^1 + 19^2 = 12 + 43 + 80 + 111 + 192$$

$$438 := 1^2 + 6^2 + 8^0 + 12^2 + 16^2 = 12 + 62 + 80 + 122 + 162$$

$$438 := 1^2 + 7^3 + 9^2 + 12^1 + 14^0 = 12 + 73 + 92 + 121 + 140$$

$$438 := 1^3 + 1^7 + 3^5 + 13^2 + 24^1 = 13 + 17 + 35 + 132 + 241$$

$$438 := 1^3 + 2^0 + 10^2 + 12^1 + 18^2 = 13 + 20 + 102 + 121 + 182$$

$$438 := 1^3 + 2^0 + 11^1 + 13^2 + 16^2 = 13 + 20 + 111 + 132 + 162$$

$$438 := 1^3 + 2^5 + 2^7 + 16^2 + 21^1 = 13 + 25 + 27 + 162 + 211$$

$$438 := 1^3 + 2^6 + 2^6 + 17^2 + 20^1 = 13 + 26 + 26 + 172 + 201$$

$$438 := 1^3 + 3^1 + 10^0 + 12^2 + 17^2 = 13 + 31 + 100 + 122 + 172$$

$$438 := 1^3 + 4^0 + 8^2 + 11^1 + 19^2 = 13 + 40 + 82 + 111 + 192$$

$$438 := 1^3 + 5^2 + 6^0 + 11^1 + 20^2 = 13 + 52 + 60 + 111 + 202$$

$$438 := 1^4 + 1^6 + 3^5 + 13^2 + 24^1 = 14 + 16 + 35 + 132 + 241$$

$$438 := 1^4 + 1^9 + 10^2 + 12^1 + 18^2 = 14 + 19 + 102 + 121 + 182$$

$$438 := 1^4 + 1^9 + 11^1 + 13^2 + 16^2 = 14 + 19 + 111 + 132 + 162$$

$$438 := 1^5 + 1^5 + 3^5 + 13^2 + 24^1 = 15 + 15 + 35 + 132 + 241$$

$$438 := 1^5 + 1^8 + 10^2 + 12^1 + 18^2 = 15 + 18 + 102 + 121 + 182$$

$$438 := 1^5 + 1^8 + 11^1 + 13^2 + 16^2 = 15 + 18 + 111 + 132 + 162$$

$$438 := 1^5 + 2^7 + 4^3 + 15^2 + 20^1 = 15 + 27 + 43 + 152 + 201$$

$$438 := 1^6 + 1^7 + 10^2 + 12^1 + 18^2 = 16 + 17 + 102 + 121 + 182$$

$$438 := 1^6 + 1^7 + 11^1 + 13^2 + 16^2 = 16 + 17 + 111 + 132 + 162$$

$$438 := 1^6 + 2^7 + 6^2 + 16^2 + 17^1 = 16 + 27 + 62 + 162 + 171$$

$$438 := 1^6 + 2^8 + 6^2 + 12^2 + 21^0 = 16 + 28 + 62 + 122 + 210$$

$$438 := 1^7 + 2^5 + 3^3 + 17^1 + 19^2 = 17 + 25 + 33 + 171 + 192$$

$$438 := 1^7 + 2^5 + 4^3 + 17^1 + 18^2 = 17 + 25 + 43 + 171 + 182$$

$$438 := 1^7 + 2^5 + 6^2 + 7^3 + 26^1 = 17 + 25 + 62 + 73 + 261$$

$$438 := 1^7 + 2^5 + 6^3 + 13^2 + 20^1 = 17 + 25 + 63 + 132 + 201$$

$$438 := 1^7 + 2^8 + 11^1 + 13^2 + 15^0 = 17 + 28 + 111 + 132 + 150$$

$$438 := 1^7 + 3^3 + 3^5 + 12^2 + 23^1 = 17 + 33 + 35 + 122 + 231$$

$$438 := 1^7 + 3^4 + 3^4 + 16^2 + 19^1 = 17 + 34 + 34 + 162 + 191$$

$$438 := 1^8 + 2^5 + 11^1 + 13^2 + 15^2 = 18 + 25 + 111 + 132 + 152$$

$$438 := 1^8 + 2^7 + 3^0 + 17^2 + 19^1 = 18 + 27 + 30 + 172 + 191$$

$$438 := 1^9 + 2^1 + 3^5 + 13^2 + 23^1 = 19 + 21 + 35 + 132 + 231$$

$$438 := 1^9 + 2^2 + 2^4 + 17^1 + 20^2 = 19 + 22 + 24 + 171 + 202$$

$$438 := 1^9 + 2^2 + 2^5 + 17^0 + 20^2 = 19 + 22 + 25 + 170 + 202$$

$$438 := 1^9 + 2^4 + 11^1 + 11^2 + 17^2 = 19 + 24 + 111 + 112 + 172$$

$$438 := 1^9 + 2^6 + 9^0 + 11^1 + 19^2 = 19 + 26 + 90 + 111 + 192$$

$$438 := 1^9 + 3^1 + 3^5 + 13^2 + 22^1 = 19 + 31 + 35 + 132 + 221$$

$$438 := 1^9 + 3^4 + 4^2 + 16^1 + 18^2 = 19 + 34 + 42 + 161 + 182$$

$$438 := 1^9 + 3^5 + 10^1 + 13^2 + 15^1 = 19 + 35 + 101 + 132 + 151$$

$$438 := 1^9 + 3^5 + 11^1 + 13^2 + 14^1 = 19 + 35 + 111 + 132 + 141$$

$$438 := 1^9 + 3^5 + 12^1 + 13^1 + 13^2 = 19 + 35 + 121 + 131 + 132$$

$$438 := 1^9 + 3^5 + 4^1 + 13^2 + 21^1 = 19 + 35 + 41 + 132 + 211$$

$$438 := 1^9 + 3^5 + 5^1 + 13^2 + 20^1 = 19 + 35 + 51 + 132 + 201$$

$$438 := 1^9 + 3^5 + 6^1 + 13^2 + 19^1 = 19 + 35 + 61 + 132 + 191$$

$$438 := 1^9 + 3^5 + 7^1 + 13^2 + 18^1 = 19 + 35 + 71 + 132 + 181$$

$$438 := 1^9 + 3^5 + 7^2 + 12^2 + 19^0 = 19 + 35 + 72 + 122 + 190$$

$$438 := 1^9 + 3^5 + 8^1 + 13^2 + 17^1 = 19 + 35 + 81 + 132 + 171$$

$$438 := 1^9 + 3^5 + 9^1 + 13^2 + 16^1 = 19 + 35 + 91 + 132 + 161$$

$$438 := 1^9 + 4^2 + 4^4 + 12^2 + 21^1 = 19 + 42 + 44 + 122 + 211$$

$$438 := 1^9 + 4^4 + 9^2 + 9^2 + 19^1 = 19 + 44 + 92 + 92 + 191$$

$$\begin{aligned}438 &:= 1^9 + 5^3 + 5^3 + 13^2 + 18^1 = 19 + 53 + 53 + 132 + 181 \\438 &:= 2^0 + 2^2 + 6^3 + 6^3 + 27^0 = 20 + 22 + 63 + 63 + 270 \\438 &:= 2^0 + 2^5 + 4^1 + 15^0 + 20^2 = 20 + 25 + 41 + 150 + 202 \\438 &:= 2^0 + 3^1 + 4^3 + 7^3 + 27^1 = 20 + 31 + 43 + 73 + 271 \\438 &:= 2^0 + 3^3 + 10^1 + 12^2 + 16^2 = 20 + 33 + 101 + 122 + 162 \\438 &:= 2^0 + 3^3 + 6^2 + 13^1 + 19^2 = 20 + 33 + 62 + 131 + 192 \\438 &:= 2^0 + 3^4 + 7^3 + 12^1 + 19^0 = 20 + 34 + 73 + 121 + 190 \\438 &:= 2^0 + 4^1 + 4^3 + 7^3 + 26^1 = 20 + 41 + 43 + 73 + 261 \\438 &:= 2^0 + 4^3 + 5^1 + 7^3 + 25^1 = 20 + 43 + 51 + 73 + 251 \\438 &:= 2^0 + 4^3 + 6^1 + 7^3 + 24^1 = 20 + 43 + 61 + 73 + 241 \\438 &:= 2^0 + 4^3 + 6^2 + 13^1 + 18^2 = 20 + 43 + 62 + 131 + 182 \\438 &:= 2^0 + 4^3 + 7^1 + 7^3 + 23^1 = 20 + 43 + 71 + 73 + 231 \\438 &:= 2^0 + 4^3 + 7^3 + 10^1 + 20^1 = 20 + 43 + 73 + 101 + 201 \\438 &:= 2^0 + 4^3 + 7^3 + 11^1 + 19^1 = 20 + 43 + 73 + 111 + 191 \\438 &:= 2^0 + 4^3 + 7^3 + 12^1 + 18^1 = 20 + 43 + 73 + 121 + 181 \\438 &:= 2^0 + 4^3 + 7^3 + 13^1 + 17^1 = 20 + 43 + 73 + 131 + 171 \\438 &:= 2^0 + 4^3 + 7^3 + 14^1 + 16^1 = 20 + 43 + 73 + 141 + 161 \\438 &:= 2^0 + 4^3 + 7^3 + 15^1 + 15^1 = 20 + 43 + 73 + 151 + 151 \\438 &:= 2^0 + 4^3 + 7^3 + 8^1 + 22^1 = 20 + 43 + 73 + 81 + 221 \\438 &:= 2^0 + 4^3 + 7^3 + 9^1 + 21^1 = 20 + 43 + 73 + 91 + 211 \\438 &:= 2^0 + 4^4 + 6^2 + 12^2 + 19^0 = 20 + 44 + 62 + 122 + 190 \\438 &:= 2^0 + 6^2 + 6^2 + 7^3 + 22^1 = 20 + 62 + 62 + 73 + 221 \\438 &:= 2^0 + 6^2 + 6^3 + 13^2 + 16^1 = 20 + 62 + 63 + 132 + 161 \\438 &:= 2^0 + 7^2 + 10^2 + 12^2 + 12^2 = 20 + 72 + 102 + 122 + 122 \\438 &:= 2^1 + 3^1 + 6^3 + 6^3 + 26^0 = 21 + 31 + 63 + 63 + 260 \\438 &:= 2^1 + 4^4 + 10^1 + 13^2 + 14^0 = 21 + 44 + 101 + 132 + 140 \\438 &:= 2^2 + 2^5 + 2^8 + 11^2 + 25^1 = 22 + 25 + 28 + 112 + 251 \\438 &:= 2^2 + 3^0 + 6^3 + 6^3 + 26^0 = 22 + 30 + 63 + 63 + 260 \\438 &:= 2^2 + 3^2 + 10^0 + 10^2 + 18^2 = 22 + 32 + 100 + 102 + 182 \\438 &:= 2^2 + 3^3 + 6^1 + 12^0 + 20^2 = 22 + 33 + 61 + 120 + 202 \\438 &:= 2^2 + 4^0 + 6^3 + 6^3 + 25^0 = 22 + 40 + 63 + 63 + 250 \\438 &:= 2^2 + 4^3 + 8^1 + 10^0 + 19^2 = 22 + 43 + 81 + 100 + 192 \\438 &:= 2^2 + 5^0 + 6^3 + 6^3 + 24^0 = 22 + 50 + 63 + 63 + 240 \\438 &:= 2^2 + 6^0 + 6^3 + 6^3 + 23^0 = 22 + 60 + 63 + 63 + 230 \\438 &:= 2^2 + 6^0 + 8^2 + 12^2 + 15^2 = 22 + 60 + 82 + 122 + 152 \\438 &:= 2^2 + 6^2 + 6^2 + 10^0 + 19^2 = 22 + 62 + 62 + 100 + 192 \\438 &:= 2^2 + 6^3 + 6^3 + 10^0 + 19^0 = 22 + 63 + 63 + 100 + 190 \\438 &:= 2^2 + 6^3 + 6^3 + 11^0 + 18^0 = 22 + 63 + 63 + 110 + 180\end{aligned}$$

$$\begin{aligned}438 &:= 2^2 + 6^3 + 6^3 + 12^0 + 17^0 = 22 + 63 + 63 + 120 + 170 \\438 &:= 2^2 + 6^3 + 6^3 + 13^0 + 16^0 = 22 + 63 + 63 + 130 + 160 \\438 &:= 2^2 + 6^3 + 6^3 + 14^0 + 15^0 = 22 + 63 + 63 + 140 + 150 \\438 &:= 2^2 + 6^3 + 6^3 + 7^0 + 22^0 = 22 + 63 + 63 + 70 + 220 \\438 &:= 2^2 + 6^3 + 6^3 + 8^0 + 21^0 = 22 + 63 + 63 + 80 + 210 \\438 &:= 2^2 + 6^3 + 6^3 + 9^0 + 20^0 = 22 + 63 + 63 + 90 + 200 \\438 &:= 2^2 + 7^3 + 9^1 + 9^2 + 16^0 = 22 + 73 + 91 + 92 + 160 \\438 &:= 2^3 + 4^0 + 4^2 + 13^1 + 20^2 = 23 + 40 + 42 + 131 + 202 \\438 &:= 2^3 + 4^0 + 8^1 + 14^2 + 15^2 = 23 + 40 + 81 + 142 + 152 \\438 &:= 2^3 + 4^1 + 5^2 + 12^0 + 20^2 = 23 + 41 + 52 + 120 + 202 \\438 &:= 2^3 + 4^1 + 8^0 + 13^2 + 16^2 = 23 + 41 + 80 + 132 + 162 \\438 &:= 2^3 + 4^1 + 8^2 + 10^0 + 19^2 = 23 + 41 + 82 + 100 + 192 \\438 &:= 2^3 + 5^1 + 8^0 + 10^2 + 18^2 = 23 + 51 + 80 + 102 + 182 \\438 &:= 2^5 + 2^5 + 2^5 + 18^1 + 18^2 = 25 + 25 + 25 + 181 + 182 \\438 &:= 2^5 + 2^7 + 3^4 + 14^2 + 21^0 = 25 + 27 + 34 + 142 + 210 \\438 &:= 2^5 + 2^7 + 6^2 + 6^3 + 26^1 = 25 + 27 + 62 + 63 + 261 \\438 &:= 2^5 + 2^8 + 8^2 + 8^2 + 22^1 = 25 + 28 + 82 + 82 + 221 \\438 &:= 2^5 + 3^0 + 4^1 + 14^0 + 20^2 = 25 + 30 + 41 + 140 + 202 \\438 &:= 2^5 + 4^0 + 4^1 + 13^0 + 20^2 = 25 + 40 + 41 + 130 + 202 \\438 &:= 2^5 + 4^1 + 5^0 + 12^0 + 20^2 = 25 + 41 + 50 + 120 + 202 \\438 &:= 2^5 + 4^1 + 6^0 + 11^0 + 20^2 = 25 + 41 + 60 + 110 + 202 \\438 &:= 2^5 + 4^1 + 7^0 + 10^0 + 20^2 = 25 + 41 + 70 + 100 + 202 \\438 &:= 2^5 + 4^1 + 8^0 + 9^0 + 20^2 = 25 + 41 + 80 + 90 + 202 \\438 &:= 2^6 + 2^8 + 6^2 + 9^2 + 23^0 = 26 + 28 + 62 + 92 + 230 \\438 &:= 2^7 + 2^7 + 9^2 + 10^2 + 19^0 = 27 + 27 + 92 + 102 + 190 \\438 &:= 2^7 + 2^8 + 4^1 + 7^2 + 27^0 = 27 + 28 + 41 + 72 + 270 \\438 &:= 2^7 + 2^8 + 6^2 + 15^0 + 17^1 = 27 + 28 + 62 + 150 + 171 \\438 &:= 3^0 + 3^4 + 7^3 + 12^1 + 18^0 = 30 + 34 + 73 + 121 + 180 \\438 &:= 3^0 + 4^4 + 6^2 + 12^2 + 18^0 = 30 + 44 + 62 + 122 + 180 \\438 &:= 3^1 + 3^2 + 4^3 + 14^0 + 19^2 = 31 + 32 + 43 + 140 + 192 \\438 &:= 3^1 + 4^3 + 9^2 + 10^0 + 17^2 = 31 + 43 + 92 + 100 + 172 \\438 &:= 3^1 + 4^4 + 9^1 + 13^2 + 14^0 = 31 + 44 + 91 + 132 + 140 \\438 &:= 3^1 + 6^3 + 7^2 + 13^2 + 14^0 = 31 + 63 + 72 + 132 + 140 \\438 &:= 3^2 + 4^0 + 5^3 + 14^1 + 17^2 = 32 + 40 + 53 + 141 + 172 \\438 &:= 3^2 + 4^0 + 6^3 + 14^2 + 16^1 = 32 + 40 + 63 + 142 + 161 \\438 &:= 3^2 + 4^0 + 7^3 + 8^2 + 21^1 = 32 + 40 + 73 + 82 + 211 \\438 &:= 3^2 + 4^1 + 7^3 + 9^2 + 20^0 = 32 + 41 + 73 + 92 + 200 \\438 &:= 3^2 + 6^0 + 6^2 + 14^2 + 14^2 = 32 + 60 + 62 + 142 + 142\end{aligned}$$

$$\begin{aligned}
 438 &:= 3^3 + 5^1 + 8^0 + 9^2 + 18^2 = 33 + 51 + 80 + 92 + 182 \\
 438 &:= 3^4 + 4^0 + 7^3 + 12^1 + 17^0 = 34 + 40 + 73 + 121 + 170 \\
 438 &:= 3^4 + 5^0 + 7^3 + 12^1 + 16^0 = 34 + 50 + 73 + 121 + 160 \\
 438 &:= 3^4 + 6^0 + 7^3 + 12^1 + 15^0 = 34 + 60 + 73 + 121 + 150 \\
 438 &:= 3^4 + 7^0 + 7^3 + 12^1 + 14^0 = 34 + 70 + 73 + 121 + 140 \\
 438 &:= 3^4 + 7^3 + 10^0 + 11^0 + 12^1 = 34 + 73 + 100 + 110 + 121 \\
 438 &:= 3^4 + 7^3 + 8^0 + 12^1 + 13^0 = 34 + 73 + 80 + 121 + 130 \\
 438 &:= 3^4 + 7^3 + 9^0 + 12^0 + 12^1 = 34 + 73 + 90 + 120 + 121 \\
 438 &:= 4^0 + 4^2 + 9^2 + 12^2 + 14^2 = 40 + 42 + 92 + 122 + 142 \\
 438 &:= 4^0 + 4^3 + 8^1 + 13^2 + 14^2 = 40 + 43 + 81 + 132 + 142 \\
 438 &:= 4^0 + 4^4 + 6^2 + 12^2 + 17^0 = 40 + 44 + 62 + 122 + 170 \\
 438 &:= 4^0 + 5^2 + 7^2 + 7^3 + 20^1 = 40 + 52 + 72 + 73 + 201 \\
 438 &:= 4^0 + 6^2 + 6^2 + 13^2 + 14^2 = 40 + 62 + 62 + 132 + 142 \\
 438 &:= 4^0 + 6^2 + 8^2 + 9^2 + 16^2 = 40 + 62 + 82 + 92 + 162 \\
 438 &:= 4^0 + 6^3 + 8^2 + 12^2 + 13^1 = 40 + 63 + 82 + 122 + 131 \\
 438 &:= 4^1 + 4^3 + 8^0 + 12^2 + 15^2 = 41 + 43 + 80 + 122 + 152 \\
 438 &:= 4^1 + 4^4 + 8^1 + 13^2 + 14^0 = 41 + 44 + 81 + 132 + 140
 \end{aligned}$$

$$\begin{aligned}
 438 &:= 4^2 + 4^2 + 8^0 + 9^2 + 18^2 = 42 + 42 + 80 + 92 + 182 \\
 438 &:= 4^2 + 5^3 + 7^1 + 10^0 + 17^2 = 42 + 53 + 71 + 100 + 172 \\
 438 &:= 4^2 + 6^3 + 9^1 + 10^0 + 14^2 = 42 + 63 + 91 + 100 + 142 \\
 438 &:= 4^2 + 7^3 + 8^2 + 10^0 + 14^1 = 42 + 73 + 82 + 100 + 141 \\
 438 &:= 4^4 + 5^0 + 6^2 + 12^2 + 16^0 = 44 + 50 + 62 + 122 + 160 \\
 438 &:= 4^4 + 5^1 + 7^1 + 13^2 + 14^0 = 44 + 51 + 71 + 132 + 140 \\
 438 &:= 4^4 + 6^0 + 6^2 + 12^2 + 15^0 = 44 + 60 + 62 + 122 + 150 \\
 438 &:= 4^4 + 6^1 + 6^1 + 13^2 + 14^0 = 44 + 61 + 61 + 132 + 140 \\
 438 &:= 4^4 + 6^2 + 10^0 + 11^0 + 12^2 = 44 + 62 + 100 + 110 + 122 \\
 438 &:= 4^4 + 6^2 + 7^0 + 12^2 + 14^0 = 44 + 62 + 70 + 122 + 140 \\
 438 &:= 4^4 + 6^2 + 8^0 + 12^2 + 13^0 = 44 + 62 + 80 + 122 + 130 \\
 438 &:= 4^4 + 6^2 + 9^0 + 12^0 + 12^2 = 44 + 62 + 90 + 120 + 122 \\
 438 &:= 5^1 + 5^2 + 7^3 + 8^2 + 18^0 = 51 + 52 + 73 + 82 + 180 \\
 438 &:= 5^3 + 6^1 + 8^0 + 9^2 + 15^2 = 53 + 61 + 80 + 92 + 152 \\
 438 &:= 5^3 + 7^1 + 7^2 + 8^0 + 16^2 = 53 + 71 + 72 + 80 + 162 \\
 438 &:= 6^2 + 7^2 + 7^3 + 9^1 + 14^0 = 62 + 72 + 73 + 91 + 140
 \end{aligned}$$

2.2.340 Number 439

$$\begin{aligned}
 439 &:= 1^1 + 3^5 + 13^2 + 26^1 = 11 + 35 + 132 + 261 \\
 439 &:= 1^2 + 4^3 + 7^3 + 31^1 = 12 + 43 + 73 + 311 \\
 439 &:= 1^4 + 10^2 + 14^1 + 18^2 = 14 + 102 + 141 + 182 \\
 439 &:= 1^4 + 13^1 + 13^2 + 16^2 = 14 + 131 + 132 + 162 \\
 439 &:= 2^1 + 3^5 + 13^2 + 25^1 = 21 + 35 + 132 + 251 \\
 439 &:= 2^2 + 2^4 + 19^1 + 20^2 = 22 + 24 + 191 + 202 \\
 439 &:= 2^4 + 11^2 + 13^1 + 17^2 = 24 + 112 + 131 + 172 \\
 439 &:= 2^6 + 9^0 + 13^1 + 19^2 = 26 + 90 + 131 + 192 \\
 439 &:= 3^1 + 3^5 + 13^2 + 24^1 = 31 + 35 + 132 + 241 \\
 439 &:= 3^4 + 4^2 + 18^1 + 18^2 = 34 + 42 + 181 + 182 \\
 439 &:= 3^5 + 10^1 + 13^2 + 17^1 = 35 + 101 + 132 + 171 \\
 439 &:= 3^5 + 11^1 + 13^2 + 16^1 = 35 + 111 + 132 + 161 \\
 439 &:= 3^5 + 12^1 + 13^2 + 15^1 = 35 + 121 + 132 + 151 \\
 439 &:= 3^5 + 13^1 + 13^2 + 14^1 = 35 + 131 + 132 + 141 \\
 439 &:= 3^5 + 4^1 + 13^2 + 23^1 = 35 + 41 + 132 + 231 \\
 439 &:= 3^5 + 5^1 + 13^2 + 22^1 = 35 + 51 + 132 + 221 \\
 439 &:= 3^5 + 6^1 + 13^2 + 21^1 = 35 + 61 + 132 + 211 \\
 439 &:= 3^5 + 7^1 + 13^2 + 20^1 = 35 + 71 + 132 + 201
 \end{aligned}$$

$$\begin{aligned}
 439 &:= 3^5 + 8^1 + 13^2 + 19^1 = 35 + 81 + 132 + 191 \\
 439 &:= 3^5 + 9^1 + 13^2 + 18^1 = 35 + 91 + 132 + 181 \\
 439 &:= 4^2 + 4^4 + 12^2 + 23^1 = 42 + 44 + 122 + 231 \\
 439 &:= 4^4 + 9^2 + 9^2 + 21^1 = 44 + 92 + 92 + 211 \\
 439 &:= 5^3 + 5^3 + 13^2 + 20^1 = 53 + 53 + 132 + 201 \\
 439 &:= 1^0 + 1^1 + 3^5 + 13^2 + 25^1 = 10 + 11 + 35 + 132 + 251 \\
 439 &:= 1^0 + 1^4 + 10^2 + 13^1 + 18^2 = 10 + 14 + 102 + 131 + 182 \\
 439 &:= 1^0 + 1^4 + 12^1 + 13^2 + 16^2 = 10 + 14 + 121 + 132 + 162 \\
 439 &:= 1^0 + 1^5 + 6^2 + 15^0 + 20^2 = 10 + 15 + 62 + 150 + 202 \\
 439 &:= 1^0 + 2^1 + 3^5 + 13^2 + 24^1 = 10 + 21 + 35 + 132 + 241 \\
 439 &:= 1^0 + 2^2 + 2^4 + 18^1 + 20^2 = 10 + 22 + 24 + 181 + 202 \\
 439 &:= 1^0 + 2^4 + 11^2 + 12^1 + 17^2 = 10 + 24 + 112 + 121 + 172 \\
 439 &:= 1^0 + 2^5 + 9^2 + 13^0 + 18^2 = 10 + 25 + 92 + 130 + 182 \\
 439 &:= 1^0 + 2^6 + 9^0 + 12^1 + 19^2 = 10 + 26 + 90 + 121 + 192 \\
 439 &:= 1^0 + 3^1 + 3^5 + 13^2 + 23^1 = 10 + 31 + 35 + 132 + 231 \\
 439 &:= 1^0 + 3^4 + 4^2 + 17^1 + 18^2 = 10 + 34 + 42 + 171 + 182 \\
 439 &:= 1^0 + 3^5 + 10^1 + 13^2 + 16^1 = 10 + 35 + 101 + 132 + 161 \\
 439 &:= 1^0 + 3^5 + 11^1 + 13^2 + 15^1 = 10 + 35 + 111 + 132 + 151
 \end{aligned}$$

$$\begin{aligned} 439 &:= 1^0 + 3^5 + 12^1 + 13^2 + 14^1 = 10 + 35 + 121 + 132 + 141 \\ 439 &:= 1^0 + 3^5 + 13^1 + 13^1 + 13^2 = 10 + 35 + 131 + 131 + 132 \\ 439 &:= 1^0 + 3^5 + 4^1 + 13^2 + 22^1 = 10 + 35 + 41 + 132 + 221 \\ 439 &:= 1^0 + 3^5 + 5^1 + 13^2 + 21^1 = 10 + 35 + 51 + 132 + 211 \\ 439 &:= 1^0 + 3^5 + 5^2 + 13^2 + 21^0 = 10 + 35 + 52 + 132 + 210 \\ 439 &:= 1^0 + 3^5 + 6^1 + 13^2 + 20^1 = 10 + 35 + 61 + 132 + 201 \\ 439 &:= 1^0 + 3^5 + 7^1 + 13^2 + 19^1 = 10 + 35 + 71 + 132 + 191 \\ 439 &:= 1^0 + 3^5 + 8^1 + 13^2 + 18^1 = 10 + 35 + 81 + 132 + 181 \\ 439 &:= 1^0 + 3^5 + 9^1 + 13^2 + 17^1 = 10 + 35 + 91 + 132 + 171 \\ 439 &:= 1^0 + 4^2 + 4^4 + 12^2 + 22^1 = 10 + 42 + 44 + 122 + 221 \\ 439 &:= 1^0 + 4^4 + 9^2 + 9^2 + 20^1 = 10 + 44 + 92 + 92 + 201 \\ 439 &:= 1^0 + 5^3 + 5^3 + 13^2 + 19^1 = 10 + 53 + 53 + 132 + 191 \\ 439 &:= 1^1 + 1^3 + 10^2 + 13^1 + 18^2 = 11 + 13 + 102 + 131 + 182 \\ 439 &:= 1^1 + 1^3 + 12^1 + 13^2 + 16^2 = 11 + 13 + 121 + 132 + 162 \\ 439 &:= 1^1 + 1^4 + 6^2 + 15^0 + 20^2 = 11 + 14 + 62 + 150 + 202 \\ 439 &:= 1^1 + 2^4 + 11^0 + 14^2 + 15^2 = 11 + 24 + 110 + 142 + 152 \\ 439 &:= 1^1 + 2^5 + 5^1 + 15^0 + 20^2 = 11 + 25 + 51 + 150 + 202 \\ 439 &:= 1^1 + 3^3 + 11^1 + 12^2 + 16^2 = 11 + 33 + 111 + 122 + 162 \\ 439 &:= 1^1 + 3^3 + 6^2 + 14^1 + 19^2 = 11 + 33 + 62 + 141 + 192 \\ 439 &:= 1^1 + 3^4 + 10^2 + 13^0 + 16^2 = 11 + 34 + 102 + 130 + 162 \\ 439 &:= 1^1 + 3^4 + 7^3 + 13^1 + 19^0 = 11 + 34 + 73 + 131 + 190 \\ 439 &:= 1^1 + 4^1 + 4^3 + 7^3 + 27^1 = 11 + 41 + 43 + 73 + 271 \\ 439 &:= 1^1 + 4^3 + 5^1 + 7^3 + 26^1 = 11 + 43 + 51 + 73 + 261 \\ 439 &:= 1^1 + 4^3 + 6^1 + 7^3 + 25^1 = 11 + 43 + 61 + 73 + 251 \\ 439 &:= 1^1 + 4^3 + 6^2 + 14^1 + 18^2 = 11 + 43 + 62 + 141 + 182 \\ 439 &:= 1^1 + 4^3 + 7^1 + 7^3 + 24^1 = 11 + 43 + 71 + 73 + 241 \\ 439 &:= 1^1 + 4^3 + 7^3 + 10^1 + 21^1 = 11 + 43 + 73 + 101 + 211 \\ 439 &:= 1^1 + 4^3 + 7^3 + 11^1 + 20^1 = 11 + 43 + 73 + 111 + 201 \\ 439 &:= 1^1 + 4^3 + 7^3 + 12^1 + 19^1 = 11 + 43 + 73 + 121 + 191 \\ 439 &:= 1^1 + 4^3 + 7^3 + 13^1 + 18^1 = 11 + 43 + 73 + 131 + 181 \\ 439 &:= 1^1 + 4^3 + 7^3 + 14^1 + 17^1 = 11 + 43 + 73 + 141 + 171 \\ 439 &:= 1^1 + 4^3 + 7^3 + 15^1 + 16^1 = 11 + 43 + 73 + 151 + 161 \\ 439 &:= 1^1 + 4^3 + 7^3 + 8^1 + 23^1 = 11 + 43 + 73 + 81 + 231 \\ 439 &:= 1^1 + 4^3 + 7^3 + 9^1 + 22^1 = 11 + 43 + 73 + 91 + 221 \\ 439 &:= 1^1 + 4^4 + 9^2 + 10^2 + 19^0 = 11 + 44 + 92 + 102 + 190 \\ 439 &:= 1^1 + 6^2 + 6^2 + 7^3 + 23^1 = 11 + 62 + 62 + 73 + 231 \\ 439 &:= 1^1 + 6^2 + 6^3 + 13^2 + 17^1 = 11 + 62 + 63 + 132 + 171 \\ 439 &:= 1^2 + 1^2 + 10^2 + 13^1 + 18^2 = 12 + 12 + 102 + 131 + 182 \end{aligned}$$

$$\begin{aligned} 439 &:= 1^2 + 1^2 + 12^1 + 13^2 + 16^2 = 12 + 12 + 121 + 132 + 162 \\ 439 &:= 1^2 + 1^3 + 6^2 + 15^0 + 20^2 = 12 + 13 + 62 + 150 + 202 \\ 439 &:= 1^2 + 3^3 + 11^0 + 11^2 + 17^2 = 12 + 33 + 110 + 112 + 172 \\ 439 &:= 1^2 + 3^3 + 7^2 + 13^0 + 19^2 = 12 + 33 + 72 + 130 + 192 \\ 439 &:= 1^2 + 4^2 + 7^2 + 12^1 + 19^2 = 12 + 42 + 72 + 121 + 192 \\ 439 &:= 1^2 + 4^3 + 7^2 + 13^0 + 18^2 = 12 + 43 + 72 + 130 + 182 \\ 439 &:= 1^2 + 4^4 + 12^1 + 13^0 + 13^2 = 12 + 44 + 121 + 130 + 132 \\ 439 &:= 1^2 + 5^1 + 6^3 + 6^3 + 25^0 = 12 + 51 + 63 + 63 + 250 \\ 439 &:= 1^2 + 5^2 + 6^3 + 14^2 + 17^0 = 12 + 52 + 63 + 142 + 170 \\ 439 &:= 1^2 + 6^1 + 12^2 + 12^2 + 12^2 = 12 + 61 + 122 + 122 + 122 \\ 439 &:= 1^2 + 6^2 + 8^1 + 13^2 + 15^2 = 12 + 62 + 81 + 132 + 152 \\ 439 &:= 1^2 + 6^3 + 10^2 + 11^2 + 15^0 = 12 + 63 + 102 + 112 + 150 \\ 439 &:= 1^3 + 2^1 + 10^2 + 12^1 + 18^2 = 13 + 21 + 102 + 121 + 182 \\ 439 &:= 1^3 + 2^1 + 11^1 + 13^2 + 16^2 = 13 + 21 + 111 + 132 + 162 \\ 439 &:= 1^3 + 2^2 + 11^0 + 12^2 + 17^2 = 13 + 22 + 110 + 122 + 172 \\ 439 &:= 1^3 + 3^1 + 10^1 + 13^2 + 16^2 = 13 + 31 + 101 + 132 + 162 \\ 439 &:= 1^3 + 3^1 + 10^2 + 11^1 + 18^2 = 13 + 31 + 102 + 111 + 182 \\ 439 &:= 1^3 + 3^3 + 9^0 + 10^1 + 20^2 = 13 + 33 + 90 + 101 + 202 \\ 439 &:= 1^3 + 4^1 + 10^1 + 10^2 + 18^2 = 13 + 41 + 101 + 102 + 182 \\ 439 &:= 1^3 + 4^1 + 9^1 + 13^2 + 16^2 = 13 + 41 + 91 + 132 + 162 \\ 439 &:= 1^3 + 4^2 + 9^0 + 14^2 + 15^2 = 13 + 42 + 90 + 142 + 152 \\ 439 &:= 1^3 + 4^3 + 7^0 + 12^1 + 19^2 = 13 + 43 + 70 + 121 + 192 \\ 439 &:= 1^3 + 5^1 + 8^1 + 13^2 + 16^2 = 13 + 51 + 81 + 132 + 162 \\ 439 &:= 1^3 + 5^1 + 9^1 + 10^2 + 18^2 = 13 + 51 + 91 + 102 + 182 \\ 439 &:= 1^3 + 6^1 + 7^1 + 13^2 + 16^2 = 13 + 61 + 71 + 132 + 162 \\ 439 &:= 1^3 + 6^1 + 8^1 + 10^2 + 18^2 = 13 + 61 + 81 + 102 + 182 \\ 439 &:= 1^3 + 7^0 + 9^2 + 10^2 + 16^2 = 13 + 70 + 92 + 102 + 162 \\ 439 &:= 1^3 + 7^1 + 7^1 + 10^2 + 18^2 = 13 + 71 + 71 + 102 + 182 \\ 439 &:= 1^3 + 7^2 + 8^2 + 9^0 + 18^2 = 13 + 72 + 82 + 90 + 182 \\ 439 &:= 1^3 + 7^3 + 9^2 + 13^0 + 13^1 = 13 + 73 + 92 + 130 + 131 \\ 439 &:= 1^4 + 3^0 + 8^2 + 12^1 + 19^2 = 14 + 30 + 82 + 121 + 192 \\ 439 &:= 1^4 + 4^1 + 9^0 + 12^2 + 17^2 = 14 + 41 + 90 + 122 + 172 \\ 439 &:= 1^4 + 5^0 + 5^2 + 12^1 + 20^2 = 14 + 50 + 52 + 121 + 202 \\ 439 &:= 1^5 + 2^0 + 6^2 + 14^0 + 20^2 = 15 + 20 + 62 + 140 + 202 \\ 439 &:= 1^5 + 2^8 + 3^4 + 10^2 + 26^0 = 15 + 28 + 34 + 102 + 260 \\ 439 &:= 1^5 + 3^0 + 6^2 + 13^0 + 20^2 = 15 + 30 + 62 + 130 + 202 \\ 439 &:= 1^5 + 4^0 + 6^2 + 12^0 + 20^2 = 15 + 40 + 62 + 120 + 202 \\ 439 &:= 1^5 + 5^0 + 6^2 + 11^0 + 20^2 = 15 + 50 + 62 + 110 + 202 \end{aligned}$$

$$\begin{aligned} 439 &:= 1^5 + 6^0 + 6^2 + 10^0 + 20^2 = 15 + 60 + 62 + 100 + 202 \\ 439 &:= 1^5 + 6^2 + 7^0 + 9^0 + 20^2 = 15 + 62 + 70 + 90 + 202 \\ 439 &:= 1^5 + 6^2 + 8^0 + 8^0 + 20^2 = 15 + 62 + 80 + 80 + 202 \\ 439 &:= 1^6 + 1^9 + 6^2 + 14^0 + 20^2 = 16 + 19 + 62 + 140 + 202 \\ 439 &:= 1^7 + 1^8 + 6^2 + 14^0 + 20^2 = 17 + 18 + 62 + 140 + 202 \\ 439 &:= 1^7 + 2^8 + 9^2 + 10^2 + 20^0 = 17 + 28 + 92 + 102 + 200 \\ 439 &:= 1^8 + 2^5 + 3^4 + 18^0 + 18^2 = 18 + 25 + 34 + 180 + 182 \\ 439 &:= 1^8 + 2^8 + 12^1 + 13^2 + 14^0 = 18 + 28 + 121 + 132 + 140 \\ 439 &:= 1^9 + 2^0 + 2^7 + 17^2 + 20^1 = 19 + 20 + 27 + 172 + 201 \\ 439 &:= 1^9 + 2^6 + 7^2 + 14^0 + 18^2 = 19 + 26 + 72 + 140 + 182 \\ 439 &:= 1^9 + 3^4 + 4^4 + 10^2 + 24^0 = 19 + 34 + 44 + 102 + 240 \\ 439 &:= 2^0 + 2^5 + 9^2 + 12^0 + 18^2 = 20 + 25 + 92 + 120 + 182 \\ 439 &:= 2^0 + 2^6 + 8^0 + 12^1 + 19^2 = 20 + 26 + 80 + 121 + 192 \\ 439 &:= 2^0 + 3^5 + 5^2 + 13^2 + 20^0 = 20 + 35 + 52 + 132 + 200 \\ 439 &:= 2^1 + 2^2 + 6^3 + 6^3 + 27^0 = 21 + 22 + 63 + 63 + 270 \\ 439 &:= 2^1 + 2^5 + 4^1 + 15^0 + 20^2 = 21 + 25 + 41 + 150 + 202 \\ 439 &:= 2^1 + 3^1 + 4^3 + 7^3 + 27^1 = 21 + 31 + 43 + 73 + 271 \\ 439 &:= 2^1 + 3^3 + 10^1 + 12^2 + 16^2 = 21 + 33 + 101 + 122 + 162 \\ 439 &:= 2^1 + 3^3 + 6^2 + 13^1 + 19^2 = 21 + 33 + 62 + 131 + 192 \\ 439 &:= 2^1 + 3^4 + 7^3 + 12^1 + 19^0 = 21 + 34 + 73 + 121 + 190 \\ 439 &:= 2^1 + 4^1 + 4^3 + 7^3 + 26^1 = 21 + 41 + 43 + 73 + 261 \\ 439 &:= 2^1 + 4^3 + 5^1 + 7^3 + 25^1 = 21 + 43 + 51 + 73 + 251 \\ 439 &:= 2^1 + 4^3 + 6^1 + 7^3 + 24^1 = 21 + 43 + 61 + 73 + 241 \\ 439 &:= 2^1 + 4^3 + 6^2 + 13^1 + 18^2 = 21 + 43 + 62 + 131 + 182 \\ 439 &:= 2^1 + 4^3 + 7^1 + 7^3 + 23^1 = 21 + 43 + 71 + 73 + 231 \\ 439 &:= 2^1 + 4^3 + 7^3 + 10^1 + 20^1 = 21 + 43 + 73 + 101 + 201 \\ 439 &:= 2^1 + 4^3 + 7^3 + 11^1 + 19^1 = 21 + 43 + 73 + 111 + 191 \\ 439 &:= 2^1 + 4^3 + 7^3 + 12^1 + 18^1 = 21 + 43 + 73 + 121 + 181 \\ 439 &:= 2^1 + 4^3 + 7^3 + 13^1 + 17^1 = 21 + 43 + 73 + 131 + 171 \\ 439 &:= 2^1 + 4^3 + 7^3 + 14^1 + 16^1 = 21 + 43 + 73 + 141 + 161 \\ 439 &:= 2^1 + 4^3 + 7^3 + 15^1 + 15^1 = 21 + 43 + 73 + 151 + 151 \\ 439 &:= 2^1 + 4^3 + 7^3 + 8^1 + 22^1 = 21 + 43 + 73 + 81 + 221 \\ 439 &:= 2^1 + 4^3 + 7^3 + 9^1 + 21^1 = 21 + 43 + 73 + 91 + 211 \\ 439 &:= 2^1 + 4^4 + 6^2 + 12^2 + 19^0 = 21 + 44 + 62 + 122 + 190 \\ 439 &:= 2^1 + 6^2 + 6^2 + 7^3 + 22^1 = 21 + 62 + 62 + 73 + 221 \\ 439 &:= 2^1 + 6^2 + 6^3 + 13^2 + 16^1 = 21 + 62 + 63 + 132 + 161 \\ 439 &:= 2^1 + 7^2 + 10^2 + 12^2 + 12^2 = 21 + 72 + 102 + 122 + 122 \\ 439 &:= 2^2 + 2^2 + 10^1 + 14^2 + 15^2 = 22 + 22 + 101 + 142 + 152 \end{aligned}$$

$$\begin{aligned} 439 &:= 2^2 + 2^2 + 4^2 + 15^1 + 20^2 = 22 + 22 + 42 + 151 + 202 \\ 439 &:= 2^2 + 3^0 + 4^3 + 7^3 + 27^1 = 22 + 30 + 43 + 73 + 271 \\ 439 &:= 2^2 + 3^2 + 4^3 + 15^0 + 19^2 = 22 + 32 + 43 + 150 + 192 \\ 439 &:= 2^2 + 4^2 + 9^1 + 11^2 + 17^2 = 22 + 42 + 91 + 112 + 172 \\ 439 &:= 2^2 + 4^3 + 9^2 + 11^0 + 17^2 = 22 + 43 + 92 + 110 + 172 \\ 439 &:= 2^2 + 4^4 + 9^1 + 13^2 + 15^0 = 22 + 44 + 91 + 132 + 150 \\ 439 &:= 2^2 + 6^1 + 8^2 + 13^2 + 14^2 = 22 + 61 + 82 + 132 + 142 \\ 439 &:= 2^2 + 6^2 + 7^1 + 14^2 + 14^2 = 22 + 62 + 71 + 142 + 142 \\ 439 &:= 2^2 + 6^3 + 7^2 + 13^2 + 15^0 = 22 + 63 + 72 + 132 + 150 \\ 439 &:= 2^3 + 3^0 + 5^3 + 16^1 + 17^2 = 23 + 30 + 53 + 161 + 172 \\ 439 &:= 2^3 + 3^0 + 6^3 + 14^2 + 18^1 = 23 + 30 + 63 + 142 + 181 \\ 439 &:= 2^3 + 3^0 + 7^3 + 8^2 + 23^1 = 23 + 30 + 73 + 82 + 231 \\ 439 &:= 2^3 + 3^1 + 3^3 + 15^0 + 20^2 = 23 + 31 + 33 + 150 + 202 \\ 439 &:= 2^3 + 3^2 + 9^0 + 14^2 + 15^2 = 23 + 32 + 90 + 142 + 152 \\ 439 &:= 2^3 + 4^3 + 5^1 + 13^0 + 19^2 = 23 + 43 + 51 + 130 + 192 \\ 439 &:= 2^3 + 5^2 + 9^0 + 9^2 + 18^2 = 23 + 52 + 90 + 92 + 182 \\ 439 &:= 2^3 + 6^1 + 7^3 + 9^2 + 19^0 = 23 + 61 + 73 + 92 + 190 \\ 439 &:= 2^3 + 6^2 + 7^0 + 13^2 + 15^2 = 23 + 62 + 70 + 132 + 152 \\ 439 &:= 2^4 + 3^0 + 7^2 + 12^1 + 19^2 = 24 + 30 + 72 + 121 + 192 \\ 439 &:= 2^4 + 3^2 + 5^0 + 13^1 + 20^2 = 24 + 32 + 50 + 131 + 202 \\ 439 &:= 2^4 + 4^2 + 6^1 + 11^0 + 20^2 = 24 + 42 + 61 + 110 + 202 \\ 439 &:= 2^5 + 3^0 + 9^2 + 11^0 + 18^2 = 25 + 30 + 92 + 110 + 182 \\ 439 &:= 2^5 + 3^1 + 3^1 + 15^0 + 20^2 = 25 + 31 + 31 + 150 + 202 \\ 439 &:= 2^5 + 4^0 + 9^2 + 10^0 + 18^2 = 25 + 40 + 92 + 100 + 182 \\ 439 &:= 2^5 + 5^0 + 9^0 + 9^2 + 18^2 = 25 + 50 + 90 + 92 + 182 \\ 439 &:= 2^5 + 6^0 + 8^0 + 9^2 + 18^2 = 25 + 60 + 80 + 92 + 182 \\ 439 &:= 2^5 + 7^0 + 7^0 + 9^2 + 18^2 = 25 + 70 + 70 + 92 + 182 \\ 439 &:= 2^6 + 3^0 + 7^0 + 12^1 + 19^2 = 26 + 30 + 70 + 121 + 192 \\ 439 &:= 2^6 + 4^0 + 6^0 + 12^1 + 19^2 = 26 + 40 + 60 + 121 + 192 \\ 439 &:= 2^6 + 5^0 + 5^0 + 12^1 + 19^2 = 26 + 50 + 50 + 121 + 192 \\ 439 &:= 2^7 + 2^8 + 3^3 + 8^0 + 27^1 = 27 + 28 + 33 + 80 + 271 \\ 439 &:= 3^0 + 3^4 + 11^1 + 11^2 + 15^2 = 30 + 34 + 111 + 112 + 152 \\ 439 &:= 3^0 + 3^5 + 5^2 + 13^2 + 19^0 = 30 + 35 + 52 + 132 + 190 \\ 439 &:= 3^0 + 4^4 + 8^2 + 10^2 + 18^1 = 30 + 44 + 82 + 102 + 181 \\ 439 &:= 3^1 + 3^1 + 4^3 + 7^3 + 26^1 = 31 + 31 + 43 + 73 + 261 \\ 439 &:= 3^1 + 3^3 + 6^2 + 12^1 + 19^2 = 31 + 33 + 62 + 121 + 192 \\ 439 &:= 3^1 + 3^3 + 9^1 + 12^2 + 16^2 = 31 + 33 + 91 + 122 + 162 \\ 439 &:= 3^1 + 3^4 + 7^3 + 11^1 + 19^0 = 31 + 34 + 73 + 111 + 190 \end{aligned}$$

$$\begin{aligned} 439 &:= 3^1 + 4^1 + 4^3 + 7^3 + 25^1 = 31 + 41 + 43 + 73 + 251 \\ 439 &:= 3^1 + 4^3 + 5^1 + 7^3 + 24^1 = 31 + 43 + 51 + 73 + 241 \\ 439 &:= 3^1 + 4^3 + 6^1 + 7^3 + 23^1 = 31 + 43 + 61 + 73 + 231 \\ 439 &:= 3^1 + 4^3 + 6^2 + 12^1 + 18^2 = 31 + 43 + 62 + 121 + 182 \\ 439 &:= 3^1 + 4^3 + 7^1 + 7^3 + 22^1 = 31 + 43 + 71 + 73 + 221 \\ 439 &:= 3^1 + 4^3 + 7^3 + 10^1 + 19^1 = 31 + 43 + 73 + 101 + 191 \\ 439 &:= 3^1 + 4^3 + 7^3 + 11^1 + 18^1 = 31 + 43 + 73 + 111 + 181 \\ 439 &:= 3^1 + 4^3 + 7^3 + 12^1 + 17^1 = 31 + 43 + 73 + 121 + 171 \\ 439 &:= 3^1 + 4^3 + 7^3 + 13^1 + 16^1 = 31 + 43 + 73 + 131 + 161 \\ 439 &:= 3^1 + 4^3 + 7^3 + 14^1 + 15^1 = 31 + 43 + 73 + 141 + 151 \\ 439 &:= 3^1 + 4^3 + 7^3 + 8^1 + 21^1 = 31 + 43 + 73 + 81 + 211 \\ 439 &:= 3^1 + 4^3 + 7^3 + 9^1 + 20^1 = 31 + 43 + 73 + 91 + 201 \\ 439 &:= 3^1 + 5^2 + 11^2 + 11^2 + 13^2 = 31 + 52 + 112 + 112 + 132 \\ 439 &:= 3^1 + 6^2 + 6^2 + 7^3 + 21^1 = 31 + 62 + 62 + 73 + 211 \\ 439 &:= 3^1 + 6^2 + 6^3 + 13^2 + 15^1 = 31 + 62 + 63 + 132 + 151 \\ 439 &:= 3^1 + 7^2 + 7^2 + 13^2 + 13^2 = 31 + 72 + 72 + 132 + 132 \\ 439 &:= 3^1 + 7^2 + 9^2 + 9^2 + 15^2 = 31 + 72 + 92 + 92 + 152 \\ 439 &:= 3^2 + 3^2 + 7^2 + 11^1 + 19^2 = 32 + 32 + 72 + 111 + 192 \\ 439 &:= 3^2 + 4^1 + 4^4 + 13^2 + 19^0 = 32 + 41 + 44 + 132 + 190 \\ 439 &:= 3^2 + 4^2 + 9^1 + 9^2 + 18^2 = 32 + 42 + 91 + 92 + 182 \\ 439 &:= 3^2 + 4^3 + 7^0 + 7^3 + 22^1 = 32 + 43 + 70 + 73 + 221 \\ 439 &:= 3^2 + 4^3 + 9^0 + 13^2 + 14^2 = 32 + 43 + 90 + 132 + 142 \\ 439 &:= 3^2 + 5^1 + 10^2 + 10^2 + 15^2 = 32 + 51 + 102 + 102 + 152 \\ 439 &:= 3^2 + 7^2 + 7^2 + 8^1 + 18^2 = 32 + 72 + 72 + 81 + 182 \\ 439 &:= 3^3 + 4^1 + 6^2 + 11^1 + 19^2 = 33 + 41 + 62 + 111 + 192 \\ 439 &:= 3^3 + 4^1 + 7^3 + 8^2 + 21^0 = 33 + 41 + 73 + 82 + 210 \\ 439 &:= 3^3 + 4^1 + 8^1 + 12^2 + 16^2 = 33 + 41 + 81 + 122 + 162 \\ 439 &:= 3^3 + 5^0 + 11^2 + 11^2 + 13^2 = 33 + 50 + 112 + 112 + 132 \\ 439 &:= 3^3 + 5^1 + 6^2 + 10^1 + 19^2 = 33 + 51 + 62 + 101 + 192 \\ 439 &:= 3^3 + 5^1 + 7^1 + 12^2 + 16^2 = 33 + 51 + 71 + 122 + 162 \\ 439 &:= 3^3 + 5^2 + 5^2 + 11^0 + 19^2 = 33 + 52 + 52 + 110 + 192 \\ 439 &:= 3^3 + 6^1 + 6^1 + 12^2 + 16^2 = 33 + 61 + 61 + 122 + 162 \\ 439 &:= 3^3 + 6^1 + 6^2 + 9^1 + 19^2 = 33 + 61 + 62 + 91 + 192 \\ 439 &:= 3^3 + 6^2 + 7^1 + 8^1 + 19^2 = 33 + 62 + 71 + 81 + 192 \\ 439 &:= 3^3 + 7^0 + 7^2 + 7^3 + 19^1 = 33 + 70 + 72 + 73 + 191 \\ 439 &:= 3^4 + 4^1 + 7^3 + 10^1 + 19^0 = 34 + 41 + 73 + 101 + 190 \\ 439 &:= 3^4 + 4^1 + 8^2 + 11^0 + 17^2 = 34 + 41 + 82 + 110 + 172 \\ 439 &:= 3^4 + 5^1 + 7^3 + 9^1 + 19^0 = 34 + 51 + 73 + 91 + 190 \end{aligned}$$

$$\begin{aligned} 439 &:= 3^4 + 5^2 + 8^1 + 9^0 + 18^2 = 34 + 52 + 81 + 90 + 182 \\ 439 &:= 3^4 + 6^1 + 7^3 + 8^1 + 19^0 = 34 + 61 + 73 + 81 + 190 \\ 439 &:= 3^4 + 7^1 + 7^1 + 7^3 + 19^0 = 34 + 71 + 71 + 73 + 190 \\ 439 &:= 3^5 + 4^0 + 5^2 + 13^2 + 18^0 = 35 + 40 + 52 + 132 + 180 \\ 439 &:= 3^5 + 5^0 + 5^2 + 13^2 + 17^0 = 35 + 50 + 52 + 132 + 170 \\ 439 &:= 3^5 + 5^2 + 10^0 + 12^0 + 13^2 = 35 + 52 + 100 + 120 + 132 \\ 439 &:= 3^5 + 5^2 + 11^0 + 11^0 + 13^2 = 35 + 52 + 110 + 110 + 132 \\ 439 &:= 3^5 + 5^2 + 6^0 + 13^2 + 16^0 = 35 + 52 + 60 + 132 + 160 \\ 439 &:= 3^5 + 5^2 + 7^0 + 13^2 + 15^0 = 35 + 52 + 70 + 132 + 150 \\ 439 &:= 3^5 + 5^2 + 8^0 + 13^2 + 14^0 = 35 + 52 + 80 + 132 + 140 \\ 439 &:= 3^5 + 5^2 + 9^0 + 13^0 + 13^2 = 35 + 52 + 90 + 130 + 132 \\ 439 &:= 4^1 + 4^1 + 4^3 + 7^3 + 24^1 = 41 + 41 + 43 + 73 + 241 \\ 439 &:= 4^1 + 4^2 + 9^2 + 13^2 + 13^2 = 41 + 42 + 92 + 132 + 132 \\ 439 &:= 4^1 + 4^3 + 5^1 + 7^3 + 23^1 = 41 + 43 + 51 + 73 + 231 \\ 439 &:= 4^1 + 4^3 + 6^1 + 7^3 + 22^1 = 41 + 43 + 61 + 73 + 221 \\ 439 &:= 4^1 + 4^3 + 6^2 + 11^1 + 18^2 = 41 + 43 + 62 + 111 + 182 \\ 439 &:= 4^1 + 4^3 + 7^1 + 7^3 + 21^1 = 41 + 43 + 71 + 73 + 211 \\ 439 &:= 4^1 + 4^3 + 7^3 + 10^1 + 18^1 = 41 + 43 + 73 + 101 + 181 \\ 439 &:= 4^1 + 4^3 + 7^3 + 11^1 + 17^1 = 41 + 43 + 73 + 111 + 171 \\ 439 &:= 4^1 + 4^3 + 7^3 + 12^1 + 16^1 = 41 + 43 + 73 + 121 + 161 \\ 439 &:= 4^1 + 4^3 + 7^3 + 13^1 + 15^1 = 41 + 43 + 73 + 131 + 151 \\ 439 &:= 4^1 + 4^3 + 7^3 + 14^1 + 14^1 = 41 + 43 + 73 + 141 + 141 \\ 439 &:= 4^1 + 4^3 + 7^3 + 8^1 + 20^1 = 41 + 43 + 73 + 81 + 201 \\ 439 &:= 4^1 + 4^3 + 7^3 + 9^1 + 19^1 = 41 + 43 + 73 + 91 + 191 \\ 439 &:= 4^1 + 5^2 + 8^2 + 11^2 + 15^2 = 41 + 52 + 82 + 112 + 152 \\ 439 &:= 4^1 + 6^2 + 6^2 + 7^3 + 20^1 = 41 + 62 + 62 + 73 + 201 \\ 439 &:= 4^1 + 6^2 + 6^3 + 13^2 + 14^1 = 41 + 62 + 63 + 132 + 141 \\ 439 &:= 4^1 + 7^2 + 7^2 + 9^2 + 16^2 = 41 + 72 + 72 + 92 + 162 \\ 439 &:= 4^2 + 4^2 + 6^2 + 10^1 + 19^2 = 42 + 42 + 62 + 101 + 192 \\ 439 &:= 4^2 + 4^2 + 7^1 + 12^2 + 16^2 = 42 + 42 + 71 + 122 + 162 \\ 439 &:= 4^2 + 4^3 + 7^3 + 13^0 + 15^1 = 42 + 43 + 73 + 130 + 151 \\ 439 &:= 4^2 + 5^1 + 7^2 + 12^2 + 15^2 = 42 + 51 + 72 + 122 + 152 \\ 439 &:= 4^2 + 5^1 + 9^2 + 9^2 + 16^2 = 42 + 51 + 92 + 92 + 162 \\ 439 &:= 4^2 + 5^2 + 6^1 + 14^2 + 14^2 = 42 + 52 + 61 + 142 + 142 \\ 439 &:= 4^2 + 6^1 + 8^2 + 8^2 + 17^2 = 42 + 61 + 82 + 82 + 172 \\ 439 &:= 4^3 + 5^1 + 5^1 + 7^3 + 22^1 = 43 + 51 + 51 + 73 + 221 \\ 439 &:= 4^3 + 5^1 + 6^1 + 7^3 + 21^1 = 43 + 51 + 61 + 73 + 211 \\ 439 &:= 4^3 + 5^1 + 6^2 + 10^1 + 18^2 = 43 + 51 + 62 + 101 + 182 \end{aligned}$$

$$\begin{aligned}
 439 &:= 4^3 + 5^1 + 7^1 + 7^3 + 20^1 = 43 + 51 + 71 + 73 + 201 \\
 439 &:= 4^3 + 5^1 + 7^3 + 10^1 + 17^1 = 43 + 51 + 73 + 101 + 171 \\
 439 &:= 4^3 + 5^1 + 7^3 + 11^1 + 16^1 = 43 + 51 + 73 + 111 + 161 \\
 439 &:= 4^3 + 5^1 + 7^3 + 12^1 + 15^1 = 43 + 51 + 73 + 121 + 151 \\
 439 &:= 4^3 + 5^1 + 7^3 + 13^1 + 14^1 = 43 + 51 + 73 + 131 + 141 \\
 439 &:= 4^3 + 5^1 + 7^3 + 8^1 + 19^1 = 43 + 51 + 73 + 81 + 191 \\
 439 &:= 4^3 + 5^1 + 7^3 + 9^1 + 18^1 = 43 + 51 + 73 + 91 + 181 \\
 439 &:= 4^3 + 5^2 + 5^2 + 11^0 + 18^2 = 43 + 52 + 52 + 110 + 182 \\
 439 &:= 4^3 + 5^2 + 6^1 + 7^3 + 21^0 = 43 + 52 + 61 + 73 + 210 \\
 439 &:= 4^3 + 6^1 + 6^1 + 7^3 + 20^1 = 43 + 61 + 61 + 73 + 201 \\
 439 &:= 4^3 + 6^1 + 6^2 + 9^1 + 18^2 = 43 + 61 + 62 + 91 + 182 \\
 439 &:= 4^3 + 6^1 + 7^1 + 7^3 + 19^1 = 43 + 61 + 71 + 73 + 191 \\
 439 &:= 4^3 + 6^1 + 7^3 + 10^1 + 16^1 = 43 + 61 + 73 + 101 + 161 \\
 439 &:= 4^3 + 6^1 + 7^3 + 11^1 + 15^1 = 43 + 61 + 73 + 111 + 151 \\
 439 &:= 4^3 + 6^1 + 7^3 + 12^1 + 14^1 = 43 + 61 + 73 + 121 + 141 \\
 439 &:= 4^3 + 6^1 + 7^3 + 13^1 + 13^1 = 43 + 61 + 73 + 131 + 131 \\
 439 &:= 4^3 + 6^1 + 7^3 + 8^1 + 18^1 = 43 + 61 + 73 + 81 + 181 \\
 439 &:= 4^3 + 6^1 + 7^3 + 9^1 + 17^1 = 43 + 61 + 73 + 91 + 171 \\
 439 &:= 4^3 + 6^2 + 7^0 + 13^2 + 13^2 = 43 + 62 + 70 + 132 + 132 \\
 439 &:= 4^3 + 6^2 + 7^1 + 8^1 + 18^2 = 43 + 62 + 71 + 81 + 182 \\
 439 &:= 4^3 + 6^2 + 7^2 + 9^0 + 17^2 = 43 + 62 + 72 + 90 + 172 \\
 439 &:= 4^3 + 6^3 + 7^0 + 12^2 + 14^1 = 43 + 63 + 70 + 122 + 141 \\
 439 &:= 4^3 + 7^0 + 7^2 + 10^2 + 15^2 = 43 + 70 + 72 + 102 + 152 \\
 439 &:= 4^3 + 7^1 + 7^1 + 7^3 + 18^1 = 43 + 71 + 71 + 73 + 181 \\
 439 &:= 4^3 + 7^1 + 7^3 + 10^1 + 15^1 = 43 + 71 + 73 + 101 + 151 \\
 439 &:= 4^3 + 7^1 + 7^3 + 11^1 + 14^1 = 43 + 71 + 73 + 111 + 141 \\
 439 &:= 4^3 + 7^1 + 7^3 + 12^1 + 13^1 = 43 + 71 + 73 + 121 + 131 \\
 439 &:= 4^3 + 7^1 + 7^3 + 8^1 + 17^1 = 43 + 71 + 73 + 81 + 171 \\
 439 &:= 4^3 + 7^1 + 7^3 + 9^1 + 16^1 = 43 + 71 + 73 + 91 + 161 \\
 439 &:= 4^3 + 7^3 + 10^1 + 10^1 + 12^1 = 43 + 73 + 101 + 101 + 121
 \end{aligned}$$

$$\begin{aligned}
 439 &:= 4^3 + 7^3 + 10^1 + 11^1 + 11^1 = 43 + 73 + 101 + 111 + 111 \\
 439 &:= 4^3 + 7^3 + 8^1 + 10^1 + 14^1 = 43 + 73 + 81 + 101 + 141 \\
 439 &:= 4^3 + 7^3 + 8^1 + 11^1 + 13^1 = 43 + 73 + 81 + 111 + 131 \\
 439 &:= 4^3 + 7^3 + 8^1 + 12^1 + 12^1 = 43 + 73 + 81 + 121 + 121 \\
 439 &:= 4^3 + 7^3 + 8^1 + 8^1 + 16^1 = 43 + 73 + 81 + 81 + 161 \\
 439 &:= 4^3 + 7^3 + 8^1 + 9^1 + 15^1 = 43 + 73 + 81 + 91 + 151 \\
 439 &:= 4^3 + 7^3 + 9^1 + 10^1 + 13^1 = 43 + 73 + 91 + 101 + 131 \\
 439 &:= 4^3 + 7^3 + 9^1 + 11^1 + 12^1 = 43 + 73 + 91 + 111 + 121 \\
 439 &:= 4^3 + 7^3 + 9^1 + 9^1 + 14^1 = 43 + 73 + 91 + 91 + 141 \\
 439 &:= 4^4 + 5^2 + 9^0 + 12^2 + 13^1 = 44 + 52 + 90 + 122 + 131 \\
 439 &:= 4^4 + 7^2 + 9^0 + 11^2 + 12^1 = 44 + 72 + 90 + 112 + 121 \\
 439 &:= 5^1 + 6^2 + 6^2 + 7^3 + 19^1 = 51 + 62 + 62 + 73 + 191 \\
 439 &:= 5^1 + 6^2 + 6^3 + 13^1 + 13^2 = 51 + 62 + 63 + 131 + 132 \\
 439 &:= 5^2 + 5^3 + 9^0 + 12^2 + 12^2 = 52 + 53 + 90 + 122 + 122 \\
 439 &:= 5^3 + 6^2 + 9^0 + 9^2 + 14^2 = 53 + 62 + 90 + 92 + 142 \\
 439 &:= 5^3 + 6^3 + 7^0 + 9^2 + 16^1 = 53 + 63 + 70 + 92 + 161 \\
 439 &:= 6^1 + 6^2 + 6^2 + 7^3 + 18^1 = 61 + 62 + 62 + 73 + 181 \\
 439 &:= 6^1 + 6^2 + 6^3 + 12^1 + 13^2 = 61 + 62 + 63 + 121 + 132 \\
 439 &:= 6^2 + 6^2 + 6^2 + 7^1 + 18^2 = 62 + 62 + 62 + 71 + 182 \\
 439 &:= 6^2 + 6^2 + 7^1 + 7^3 + 17^1 = 62 + 62 + 71 + 73 + 171 \\
 439 &:= 6^2 + 6^2 + 7^3 + 10^1 + 14^1 = 62 + 62 + 73 + 101 + 141 \\
 439 &:= 6^2 + 6^2 + 7^3 + 11^1 + 13^1 = 62 + 62 + 73 + 111 + 131 \\
 439 &:= 6^2 + 6^2 + 7^3 + 12^1 + 12^1 = 62 + 62 + 73 + 121 + 121 \\
 439 &:= 6^2 + 6^2 + 7^3 + 8^1 + 16^1 = 62 + 62 + 73 + 81 + 161 \\
 439 &:= 6^2 + 6^2 + 7^3 + 9^1 + 15^1 = 62 + 62 + 73 + 91 + 151 \\
 439 &:= 6^2 + 6^3 + 7^1 + 11^1 + 13^2 = 62 + 63 + 71 + 111 + 132 \\
 439 &:= 6^2 + 6^3 + 8^1 + 10^1 + 13^2 = 62 + 63 + 81 + 101 + 132 \\
 439 &:= 6^2 + 6^3 + 9^1 + 9^1 + 13^2 = 62 + 63 + 91 + 91 + 132
 \end{aligned}$$

2.2.341 Number 440

$$\begin{aligned}
 440 &:= 2^0 + 2^6 + 7^3 + 32^1 = 20 + 26 + 73 + 321 \\
 440 &:= 2^0 + 2^7 + 17^2 + 22^1 = 20 + 27 + 172 + 221 \\
 440 &:= 2^5 + 7^3 + 8^2 + 26^0 = 25 + 73 + 82 + 260 \\
 440 &:= 3^3 + 3^5 + 13^2 + 24^0 = 33 + 35 + 132 + 240 \\
 440 &:= 1^0 + 2^0 + 2^7 + 17^2 + 21^1 = 10 + 20 + 27 + 172 + 211 \\
 440 &:= 1^1 + 1^9 + 2^7 + 17^2 + 21^1 = 11 + 19 + 27 + 172 + 211
 \end{aligned}$$

$$\begin{aligned}
 440 &:= 1^1 + 2^6 + 8^0 + 13^1 + 19^2 = 11 + 26 + 80 + 131 + 192 \\
 440 &:= 1^2 + 1^8 + 2^7 + 17^2 + 21^1 = 12 + 18 + 27 + 172 + 211 \\
 440 &:= 1^2 + 2^5 + 6^1 + 14^0 + 20^2 = 12 + 25 + 61 + 140 + 202 \\
 440 &:= 1^2 + 3^4 + 7^3 + 14^1 + 18^0 = 12 + 34 + 73 + 141 + 180 \\
 440 &:= 1^3 + 1^7 + 2^7 + 17^2 + 21^1 = 13 + 17 + 27 + 172 + 211 \\
 440 &:= 1^3 + 4^4 + 12^0 + 13^1 + 13^2 = 13 + 44 + 120 + 131 + 132
 \end{aligned}$$

$$\begin{aligned} 440 &:= 1^3 + 5^3 + 12^0 + 12^2 + 13^2 = 13 + 53 + 120 + 122 + 132 \\ 440 &:= 1^3 + 6^1 + 6^3 + 6^3 + 24^0 = 13 + 61 + 63 + 63 + 240 \\ 440 &:= 1^4 + 1^6 + 2^7 + 17^2 + 21^1 = 14 + 16 + 27 + 172 + 211 \\ 440 &:= 1^4 + 2^6 + 2^7 + 15^2 + 22^1 = 14 + 26 + 27 + 152 + 221 \\ 440 &:= 1^4 + 3^3 + 8^0 + 11^1 + 20^2 = 14 + 33 + 80 + 111 + 202 \\ 440 &:= 1^4 + 4^3 + 6^0 + 13^1 + 19^2 = 14 + 43 + 60 + 131 + 192 \\ 440 &:= 1^4 + 6^0 + 10^2 + 13^2 + 13^2 = 14 + 60 + 102 + 132 + 132 \\ 440 &:= 1^4 + 6^0 + 11^2 + 11^2 + 14^2 = 14 + 60 + 112 + 112 + 142 \\ 440 &:= 1^4 + 7^2 + 8^0 + 10^2 + 17^2 = 14 + 72 + 80 + 102 + 172 \\ 440 &:= 1^4 + 7^3 + 9^2 + 12^0 + 14^1 = 14 + 73 + 92 + 120 + 141 \\ 440 &:= 1^5 + 1^5 + 2^7 + 17^2 + 21^1 = 15 + 15 + 27 + 172 + 211 \\ 440 &:= 1^5 + 2^0 + 8^2 + 13^1 + 19^2 = 15 + 20 + 82 + 131 + 192 \\ 440 &:= 1^5 + 2^1 + 6^2 + 14^0 + 20^2 = 15 + 21 + 62 + 140 + 202 \\ 440 &:= 1^5 + 4^0 + 5^2 + 13^1 + 20^2 = 15 + 40 + 52 + 131 + 202 \\ 440 &:= 1^5 + 5^1 + 8^0 + 12^2 + 17^2 = 15 + 51 + 80 + 122 + 172 \\ 440 &:= 1^6 + 1^9 + 8^2 + 13^1 + 19^2 = 16 + 19 + 82 + 131 + 192 \\ 440 &:= 1^6 + 2^5 + 2^6 + 18^2 + 19^1 = 16 + 25 + 26 + 182 + 191 \\ 440 &:= 1^7 + 1^8 + 8^2 + 13^1 + 19^2 = 17 + 18 + 82 + 131 + 192 \\ 440 &:= 1^7 + 2^8 + 4^2 + 12^2 + 23^1 = 17 + 28 + 42 + 122 + 231 \\ 440 &:= 1^7 + 2^8 + 9^2 + 9^2 + 21^1 = 17 + 28 + 92 + 92 + 211 \\ 440 &:= 1^8 + 2^7 + 10^2 + 14^2 + 15^1 = 18 + 27 + 102 + 142 + 151 \\ 440 &:= 1^9 + 2^1 + 2^7 + 17^2 + 20^1 = 19 + 21 + 27 + 172 + 201 \\ 440 &:= 1^9 + 2^4 + 3^4 + 18^1 + 18^2 = 19 + 24 + 34 + 181 + 182 \\ 440 &:= 1^9 + 2^4 + 4^4 + 12^2 + 23^1 = 19 + 24 + 44 + 122 + 231 \\ 440 &:= 1^9 + 2^6 + 5^1 + 7^3 + 27^1 = 19 + 26 + 51 + 73 + 271 \\ 440 &:= 1^9 + 2^6 + 6^1 + 7^3 + 26^1 = 19 + 26 + 61 + 73 + 261 \\ 440 &:= 1^9 + 2^6 + 6^2 + 15^1 + 18^2 = 19 + 26 + 62 + 151 + 182 \\ 440 &:= 1^9 + 2^6 + 7^1 + 7^3 + 25^1 = 19 + 26 + 71 + 73 + 251 \\ 440 &:= 1^9 + 2^6 + 7^3 + 10^1 + 22^1 = 19 + 26 + 73 + 101 + 221 \\ 440 &:= 1^9 + 2^6 + 7^3 + 11^1 + 21^1 = 19 + 26 + 73 + 111 + 211 \\ 440 &:= 1^9 + 2^6 + 7^3 + 12^1 + 20^1 = 19 + 26 + 73 + 121 + 201 \\ 440 &:= 1^9 + 2^6 + 7^3 + 13^1 + 19^1 = 19 + 26 + 73 + 131 + 191 \\ 440 &:= 1^9 + 2^6 + 7^3 + 14^1 + 18^1 = 19 + 26 + 73 + 141 + 181 \\ 440 &:= 1^9 + 2^6 + 7^3 + 15^1 + 17^1 = 19 + 26 + 73 + 151 + 171 \\ 440 &:= 1^9 + 2^6 + 7^3 + 16^1 + 16^1 = 19 + 26 + 73 + 161 + 161 \\ 440 &:= 1^9 + 2^6 + 7^3 + 8^1 + 24^1 = 19 + 26 + 73 + 81 + 241 \\ 440 &:= 1^9 + 2^6 + 7^3 + 9^1 + 23^1 = 19 + 26 + 73 + 91 + 231 \\ 440 &:= 1^9 + 2^7 + 10^1 + 12^1 + 17^2 = 19 + 27 + 101 + 121 + 172 \end{aligned}$$

$$\begin{aligned} 440 &:= 1^9 + 2^7 + 11^1 + 11^1 + 17^2 = 19 + 27 + 111 + 111 + 172 \\ 440 &:= 1^9 + 2^7 + 3^1 + 17^2 + 19^1 = 19 + 27 + 31 + 172 + 191 \\ 440 &:= 1^9 + 2^7 + 4^1 + 17^2 + 18^1 = 19 + 27 + 41 + 172 + 181 \\ 440 &:= 1^9 + 2^7 + 5^1 + 17^1 + 17^2 = 19 + 27 + 51 + 171 + 172 \\ 440 &:= 1^9 + 2^7 + 6^1 + 16^1 + 17^2 = 19 + 27 + 61 + 161 + 172 \\ 440 &:= 1^9 + 2^7 + 7^1 + 15^1 + 17^2 = 19 + 27 + 71 + 151 + 172 \\ 440 &:= 1^9 + 2^7 + 8^1 + 14^1 + 17^2 = 19 + 27 + 81 + 141 + 172 \\ 440 &:= 1^9 + 2^7 + 9^1 + 13^1 + 17^2 = 19 + 27 + 91 + 131 + 172 \\ 440 &:= 1^9 + 2^8 + 13^0 + 13^1 + 13^2 = 19 + 28 + 130 + 131 + 132 \\ 440 &:= 2^0 + 2^2 + 3^5 + 13^2 + 23^1 = 20 + 22 + 35 + 132 + 231 \\ 440 &:= 2^0 + 3^4 + 6^3 + 11^2 + 21^1 = 20 + 34 + 63 + 112 + 211 \\ 440 &:= 2^1 + 2^5 + 9^2 + 12^0 + 18^2 = 21 + 25 + 92 + 120 + 182 \\ 440 &:= 2^1 + 2^6 + 8^0 + 12^1 + 19^2 = 21 + 26 + 80 + 121 + 192 \\ 440 &:= 2^1 + 3^5 + 5^2 + 13^2 + 20^0 = 21 + 35 + 52 + 132 + 200 \\ 440 &:= 2^2 + 2^3 + 3^3 + 16^0 + 20^2 = 22 + 23 + 33 + 160 + 202 \\ 440 &:= 2^2 + 2^5 + 3^1 + 16^0 + 20^2 = 22 + 25 + 31 + 160 + 202 \\ 440 &:= 2^2 + 3^4 + 7^3 + 11^1 + 20^0 = 22 + 34 + 73 + 111 + 200 \\ 440 &:= 2^3 + 2^4 + 4^0 + 15^1 + 20^2 = 23 + 24 + 40 + 151 + 202 \\ 440 &:= 2^3 + 4^3 + 6^0 + 7^3 + 24^1 = 23 + 43 + 60 + 73 + 241 \\ 440 &:= 2^3 + 4^4 + 6^1 + 13^2 + 18^0 = 23 + 44 + 61 + 132 + 180 \\ 440 &:= 2^3 + 5^3 + 9^2 + 12^0 + 15^2 = 23 + 53 + 92 + 120 + 152 \\ 440 &:= 2^4 + 5^3 + 9^1 + 10^0 + 17^2 = 24 + 53 + 91 + 100 + 172 \\ 440 &:= 2^4 + 6^3 + 10^0 + 11^1 + 14^2 = 24 + 63 + 100 + 111 + 142 \\ 440 &:= 2^4 + 7^3 + 8^2 + 10^0 + 16^1 = 24 + 73 + 82 + 100 + 161 \\ 440 &:= 2^5 + 6^0 + 6^2 + 10^1 + 19^2 = 25 + 60 + 62 + 101 + 192 \\ 440 &:= 2^5 + 6^0 + 7^1 + 12^2 + 16^2 = 25 + 60 + 71 + 122 + 162 \\ 440 &:= 2^6 + 2^7 + 3^4 + 12^2 + 23^1 = 26 + 27 + 34 + 122 + 231 \\ 440 &:= 2^6 + 3^1 + 8^0 + 11^1 + 19^2 = 26 + 31 + 80 + 111 + 192 \\ 440 &:= 2^6 + 4^1 + 8^0 + 10^1 + 19^2 = 26 + 41 + 80 + 101 + 192 \\ 440 &:= 2^6 + 5^1 + 8^0 + 9^1 + 19^2 = 26 + 51 + 80 + 91 + 192 \\ 440 &:= 2^6 + 6^1 + 8^0 + 8^1 + 19^2 = 26 + 61 + 80 + 81 + 192 \\ 440 &:= 2^6 + 7^1 + 7^1 + 8^0 + 19^2 = 26 + 71 + 71 + 80 + 192 \\ 440 &:= 3^1 + 3^5 + 7^2 + 12^2 + 18^0 = 31 + 35 + 72 + 122 + 180 \\ 440 &:= 3^2 + 3^4 + 5^2 + 14^0 + 18^2 = 32 + 34 + 52 + 140 + 182 \\ 440 &:= 3^2 + 3^4 + 6^1 + 7^3 + 24^0 = 32 + 34 + 61 + 73 + 240 \\ 440 &:= 3^2 + 3^5 + 6^0 + 13^2 + 18^1 = 32 + 35 + 60 + 132 + 181 \\ 440 &:= 3^3 + 3^4 + 7^1 + 12^0 + 18^2 = 33 + 34 + 71 + 120 + 182 \\ 440 &:= 3^3 + 4^3 + 5^1 + 7^3 + 24^0 = 33 + 43 + 51 + 73 + 240 \end{aligned}$$

$$\begin{aligned}
 440 &:= 3^3 + 4^4 + 12^0 + 12^1 + 12^2 = 33 + 44 + 120 + 121 + 122 \\
 440 &:= 3^4 + 4^3 + 5^1 + 14^0 + 17^2 = 34 + 43 + 51 + 140 + 172 \\
 440 &:= 3^4 + 5^3 + 8^1 + 12^0 + 15^2 = 34 + 53 + 81 + 120 + 152 \\
 440 &:= 3^4 + 8^0 + 9^2 + 9^2 + 14^2 = 34 + 80 + 92 + 92 + 142 \\
 440 &:= 3^5 + 4^2 + 11^1 + 12^0 + 13^2 = 35 + 42 + 111 + 120 + 132 \\
 440 &:= 3^5 + 6^0 + 6^2 + 12^2 + 16^1 = 35 + 60 + 62 + 122 + 161 \\
 440 &:= 3^5 + 6^0 + 9^2 + 10^2 + 15^1 = 35 + 60 + 92 + 102 + 151 \\
 440 &:= 3^5 + 8^2 + 10^0 + 11^1 + 11^2 = 35 + 82 + 100 + 111 + 112
 \end{aligned}$$

$$\begin{aligned}
 440 &:= 4^2 + 4^2 + 4^3 + 7^3 + 24^0 = 42 + 42 + 43 + 73 + 240 \\
 440 &:= 4^3 + 4^4 + 6^0 + 10^2 + 19^1 = 43 + 44 + 60 + 102 + 191 \\
 440 &:= 4^3 + 5^2 + 5^3 + 14^0 + 15^2 = 43 + 52 + 53 + 140 + 152 \\
 440 &:= 4^3 + 5^3 + 9^2 + 12^0 + 13^2 = 43 + 53 + 92 + 120 + 132 \\
 440 &:= 4^4 + 5^3 + 6^0 + 6^2 + 22^1 = 44 + 53 + 60 + 62 + 221 \\
 440 &:= 4^4 + 5^3 + 7^2 + 9^1 + 18^0 = 44 + 53 + 72 + 91 + 180 \\
 440 &:= 5^3 + 6^3 + 7^2 + 7^2 + 18^0 = 53 + 63 + 72 + 72 + 180
 \end{aligned}$$

2.2.342 Number 441

$$\begin{aligned}
 441 &:= 1^1 + 2^6 + 7^3 + 33^1 = 11 + 26 + 73 + 331 \\
 441 &:= 1^1 + 2^7 + 17^2 + 23^1 = 11 + 27 + 172 + 231 \\
 441 &:= 1^4 + 3^5 + 14^2 + 25^0 = 14 + 35 + 142 + 250 \\
 441 &:= 1^6 + 8^2 + 15^1 + 19^2 = 16 + 82 + 151 + 192 \\
 441 &:= 2^1 + 2^6 + 7^3 + 32^1 = 21 + 26 + 73 + 321 \\
 441 &:= 2^1 + 2^7 + 17^2 + 22^1 = 21 + 27 + 172 + 221 \\
 441 &:= 2^4 + 3^4 + 18^2 + 20^1 = 24 + 34 + 182 + 201 \\
 441 &:= 2^4 + 3^4 + 7^3 + 31^0 = 24 + 34 + 73 + 310 \\
 441 &:= 2^4 + 4^4 + 12^2 + 25^1 = 24 + 44 + 122 + 251 \\
 441 &:= 2^6 + 3^1 + 7^3 + 31^1 = 26 + 31 + 73 + 311 \\
 441 &:= 2^6 + 4^1 + 7^3 + 30^1 = 26 + 41 + 73 + 301 \\
 441 &:= 2^6 + 5^1 + 7^3 + 29^1 = 26 + 51 + 73 + 291 \\
 441 &:= 2^6 + 6^1 + 7^3 + 28^1 = 26 + 61 + 73 + 281 \\
 441 &:= 2^6 + 6^2 + 17^1 + 18^2 = 26 + 62 + 171 + 182 \\
 441 &:= 2^6 + 7^1 + 7^3 + 27^1 = 26 + 71 + 73 + 271 \\
 441 &:= 2^6 + 7^3 + 10^1 + 24^1 = 26 + 73 + 101 + 241 \\
 441 &:= 2^6 + 7^3 + 11^1 + 23^1 = 26 + 73 + 111 + 231 \\
 441 &:= 2^6 + 7^3 + 12^1 + 22^1 = 26 + 73 + 121 + 221 \\
 441 &:= 2^6 + 7^3 + 13^1 + 21^1 = 26 + 73 + 131 + 211 \\
 441 &:= 2^6 + 7^3 + 14^1 + 20^1 = 26 + 73 + 141 + 201 \\
 441 &:= 2^6 + 7^3 + 15^1 + 19^1 = 26 + 73 + 151 + 191 \\
 441 &:= 2^6 + 7^3 + 16^1 + 18^1 = 26 + 73 + 161 + 181 \\
 441 &:= 2^6 + 7^3 + 17^1 + 17^1 = 26 + 73 + 171 + 171 \\
 441 &:= 2^6 + 7^3 + 8^1 + 26^1 = 26 + 73 + 81 + 261 \\
 441 &:= 2^6 + 7^3 + 9^1 + 25^1 = 26 + 73 + 91 + 251 \\
 441 &:= 2^7 + 10^1 + 14^1 + 17^2 = 27 + 101 + 141 + 172 \\
 441 &:= 2^7 + 11^1 + 13^1 + 17^2 = 27 + 111 + 131 + 172
 \end{aligned}$$

$$\begin{aligned}
 441 &:= 2^7 + 12^1 + 12^1 + 17^2 = 27 + 121 + 121 + 172 \\
 441 &:= 2^7 + 3^1 + 17^2 + 21^1 = 27 + 31 + 172 + 211 \\
 441 &:= 2^7 + 4^1 + 17^2 + 20^1 = 27 + 41 + 172 + 201 \\
 441 &:= 2^7 + 5^1 + 17^2 + 19^1 = 27 + 51 + 172 + 191 \\
 441 &:= 2^7 + 6^1 + 17^2 + 18^1 = 27 + 61 + 172 + 181 \\
 441 &:= 2^7 + 7^1 + 17^1 + 17^2 = 27 + 71 + 171 + 172 \\
 441 &:= 2^7 + 8^1 + 16^1 + 17^2 = 27 + 81 + 161 + 172 \\
 441 &:= 2^7 + 9^1 + 15^1 + 17^2 = 27 + 91 + 151 + 172 \\
 441 &:= 2^8 + 13^0 + 13^2 + 15^1 = 28 + 130 + 132 + 151 \\
 441 &:= 1^0 + 1^1 + 2^7 + 17^2 + 22^1 = 10 + 11 + 27 + 172 + 221 \\
 441 &:= 1^0 + 1^6 + 8^2 + 14^1 + 19^2 = 10 + 16 + 82 + 141 + 192 \\
 441 &:= 1^0 + 2^1 + 2^7 + 17^2 + 21^1 = 10 + 21 + 27 + 172 + 211 \\
 441 &:= 1^0 + 2^4 + 3^4 + 18^2 + 19^1 = 10 + 24 + 34 + 182 + 191 \\
 441 &:= 1^0 + 2^4 + 4^4 + 12^2 + 24^1 = 10 + 24 + 44 + 122 + 241 \\
 441 &:= 1^0 + 2^6 + 6^1 + 7^3 + 27^1 = 10 + 26 + 61 + 73 + 271 \\
 441 &:= 1^0 + 2^6 + 6^2 + 16^1 + 18^2 = 10 + 26 + 62 + 161 + 182 \\
 441 &:= 1^0 + 2^6 + 7^1 + 7^3 + 26^1 = 10 + 26 + 71 + 73 + 261 \\
 441 &:= 1^0 + 2^6 + 7^3 + 10^1 + 23^1 = 10 + 26 + 73 + 101 + 231 \\
 441 &:= 1^0 + 2^6 + 7^3 + 11^1 + 22^1 = 10 + 26 + 73 + 111 + 221 \\
 441 &:= 1^0 + 2^6 + 7^3 + 12^1 + 21^1 = 10 + 26 + 73 + 121 + 211 \\
 441 &:= 1^0 + 2^6 + 7^3 + 13^1 + 20^1 = 10 + 26 + 73 + 131 + 201 \\
 441 &:= 1^0 + 2^6 + 7^3 + 14^1 + 19^1 = 10 + 26 + 73 + 141 + 191 \\
 441 &:= 1^0 + 2^6 + 7^3 + 15^1 + 18^1 = 10 + 26 + 73 + 151 + 181 \\
 441 &:= 1^0 + 2^6 + 7^3 + 16^1 + 17^1 = 10 + 26 + 73 + 161 + 171 \\
 441 &:= 1^0 + 2^6 + 7^3 + 8^1 + 25^1 = 10 + 26 + 73 + 81 + 251 \\
 441 &:= 1^0 + 2^6 + 7^3 + 9^1 + 24^1 = 10 + 26 + 73 + 91 + 241 \\
 441 &:= 1^0 + 2^7 + 10^1 + 13^1 + 17^2 = 10 + 27 + 101 + 131 + 172
 \end{aligned}$$

$$\begin{aligned}441 &:= 1^0 + 2^7 + 11^1 + 12^1 + 17^2 = 10 + 27 + 111 + 121 + 172 \\441 &:= 1^0 + 2^7 + 3^1 + 17^2 + 20^1 = 10 + 27 + 31 + 172 + 201 \\441 &:= 1^0 + 2^7 + 4^1 + 17^2 + 19^1 = 10 + 27 + 41 + 172 + 191 \\441 &:= 1^0 + 2^7 + 5^1 + 17^2 + 18^1 = 10 + 27 + 51 + 172 + 181 \\441 &:= 1^0 + 2^7 + 6^1 + 17^1 + 17^2 = 10 + 27 + 61 + 171 + 172 \\441 &:= 1^0 + 2^7 + 7^1 + 16^1 + 17^2 = 10 + 27 + 71 + 161 + 172 \\441 &:= 1^0 + 2^7 + 8^1 + 15^1 + 17^2 = 10 + 27 + 81 + 151 + 172 \\441 &:= 1^0 + 2^7 + 9^1 + 14^1 + 17^2 = 10 + 27 + 91 + 141 + 172 \\441 &:= 1^0 + 2^8 + 13^0 + 13^2 + 14^1 = 10 + 28 + 130 + 132 + 141 \\441 &:= 1^1 + 1^5 + 8^2 + 14^1 + 19^2 = 11 + 15 + 82 + 141 + 192 \\441 &:= 1^1 + 2^2 + 3^5 + 13^2 + 24^1 = 11 + 22 + 35 + 132 + 241 \\441 &:= 1^1 + 2^5 + 7^3 + 8^2 + 25^0 = 11 + 25 + 73 + 82 + 250 \\441 &:= 1^1 + 3^3 + 3^5 + 13^2 + 23^0 = 11 + 33 + 35 + 132 + 230 \\441 &:= 1^1 + 3^4 + 6^3 + 11^2 + 22^1 = 11 + 34 + 63 + 112 + 221 \\441 &:= 1^2 + 1^4 + 8^2 + 14^1 + 19^2 = 12 + 14 + 82 + 141 + 192 \\441 &:= 1^2 + 2^3 + 5^3 + 17^2 + 18^1 = 12 + 23 + 53 + 172 + 181 \\441 &:= 1^2 + 2^3 + 6^3 + 14^2 + 20^1 = 12 + 23 + 63 + 142 + 201 \\441 &:= 1^2 + 2^3 + 7^3 + 8^2 + 25^1 = 12 + 23 + 73 + 82 + 251 \\441 &:= 1^2 + 2^4 + 7^2 + 14^1 + 19^2 = 12 + 24 + 72 + 141 + 192 \\441 &:= 1^2 + 2^6 + 7^0 + 14^1 + 19^2 = 12 + 26 + 70 + 141 + 192 \\441 &:= 1^2 + 3^4 + 11^2 + 13^1 + 15^2 = 12 + 34 + 112 + 131 + 152 \\441 &:= 1^2 + 4^4 + 8^2 + 10^2 + 20^1 = 12 + 44 + 82 + 102 + 201 \\441 &:= 1^3 + 1^3 + 8^2 + 14^1 + 19^2 = 13 + 13 + 82 + 141 + 192 \\441 &:= 1^3 + 2^3 + 11^1 + 14^2 + 15^2 = 13 + 23 + 111 + 142 + 152 \\441 &:= 1^3 + 2^3 + 4^2 + 16^1 + 20^2 = 13 + 23 + 42 + 161 + 202 \\441 &:= 1^3 + 2^5 + 7^1 + 13^0 + 20^2 = 13 + 25 + 71 + 130 + 202 \\441 &:= 1^3 + 3^2 + 5^3 + 17^1 + 17^2 = 13 + 32 + 53 + 171 + 172 \\441 &:= 1^3 + 3^2 + 6^3 + 14^2 + 19^1 = 13 + 32 + 63 + 142 + 191 \\441 &:= 1^3 + 3^2 + 7^3 + 8^2 + 24^1 = 13 + 32 + 73 + 82 + 241 \\441 &:= 1^3 + 3^3 + 6^3 + 14^2 + 19^0 = 13 + 33 + 63 + 142 + 190 \\441 &:= 1^3 + 3^4 + 7^3 + 15^1 + 17^0 = 13 + 34 + 73 + 151 + 170 \\441 &:= 1^3 + 4^3 + 11^1 + 13^2 + 14^2 = 13 + 43 + 111 + 132 + 142 \\441 &:= 1^3 + 5^2 + 7^2 + 7^3 + 23^1 = 13 + 52 + 72 + 73 + 231 \\441 &:= 1^3 + 6^3 + 8^2 + 12^2 + 16^1 = 13 + 63 + 82 + 122 + 161 \\441 &:= 1^4 + 2^2 + 10^2 + 12^1 + 18^2 = 14 + 22 + 102 + 121 + 182 \\441 &:= 1^4 + 2^2 + 11^1 + 13^2 + 16^2 = 14 + 22 + 111 + 132 + 162 \\441 &:= 1^4 + 3^2 + 10^1 + 14^2 + 15^2 = 14 + 32 + 101 + 142 + 152 \\441 &:= 1^4 + 3^2 + 4^2 + 15^1 + 20^2 = 14 + 32 + 42 + 151 + 202\end{aligned}$$

$$\begin{aligned}441 &:= 1^4 + 4^4 + 11^0 + 13^2 + 14^1 = 14 + 44 + 110 + 132 + 141 \\441 &:= 1^4 + 5^2 + 5^3 + 15^0 + 17^2 = 14 + 52 + 53 + 150 + 172 \\441 &:= 1^4 + 5^2 + 9^2 + 10^1 + 18^2 = 14 + 52 + 92 + 101 + 182 \\441 &:= 1^4 + 6^1 + 11^2 + 12^2 + 13^2 = 14 + 61 + 112 + 122 + 132 \\441 &:= 1^4 + 6^3 + 6^3 + 7^1 + 23^0 = 14 + 63 + 63 + 71 + 230 \\441 &:= 1^4 + 7^1 + 8^2 + 12^2 + 15^2 = 14 + 71 + 82 + 122 + 152 \\441 &:= 1^5 + 2^1 + 8^2 + 13^1 + 19^2 = 15 + 21 + 82 + 131 + 192 \\441 &:= 1^5 + 3^1 + 8^2 + 12^1 + 19^2 = 15 + 31 + 82 + 121 + 192 \\441 &:= 1^5 + 3^3 + 7^0 + 12^1 + 20^2 = 15 + 33 + 70 + 121 + 202 \\441 &:= 1^5 + 4^1 + 8^2 + 11^1 + 19^2 = 15 + 41 + 82 + 111 + 192 \\441 &:= 1^5 + 4^3 + 5^0 + 14^1 + 19^2 = 15 + 43 + 50 + 141 + 192 \\441 &:= 1^5 + 5^1 + 8^2 + 10^1 + 19^2 = 15 + 51 + 82 + 101 + 192 \\441 &:= 1^5 + 6^1 + 8^2 + 9^1 + 19^2 = 15 + 61 + 82 + 91 + 192 \\441 &:= 1^5 + 7^1 + 8^1 + 8^2 + 19^2 = 15 + 71 + 81 + 82 + 192 \\441 &:= 1^5 + 7^3 + 9^2 + 11^0 + 15^1 = 15 + 73 + 92 + 110 + 151 \\441 &:= 1^6 + 3^0 + 5^2 + 14^1 + 20^2 = 16 + 30 + 52 + 141 + 202 \\441 &:= 1^6 + 3^1 + 6^2 + 13^0 + 20^2 = 16 + 31 + 62 + 130 + 202 \\441 &:= 1^6 + 6^1 + 7^0 + 12^2 + 17^2 = 16 + 61 + 70 + 122 + 172 \\441 &:= 2^0 + 2^8 + 12^0 + 13^2 + 14^1 = 20 + 28 + 120 + 132 + 141 \\441 &:= 2^1 + 2^2 + 3^5 + 13^2 + 23^1 = 21 + 22 + 35 + 132 + 231 \\441 &:= 2^1 + 3^4 + 6^3 + 11^2 + 21^1 = 21 + 34 + 63 + 112 + 211 \\441 &:= 2^2 + 2^2 + 2^4 + 17^1 + 20^2 = 22 + 22 + 24 + 171 + 202 \\441 &:= 2^2 + 2^2 + 2^5 + 17^0 + 20^2 = 22 + 22 + 25 + 170 + 202 \\441 &:= 2^2 + 2^4 + 11^1 + 11^2 + 17^2 = 22 + 24 + 111 + 112 + 172 \\441 &:= 2^2 + 2^6 + 9^0 + 11^1 + 19^2 = 22 + 26 + 90 + 111 + 192 \\441 &:= 2^2 + 3^1 + 3^5 + 13^2 + 22^1 = 22 + 31 + 35 + 132 + 221 \\441 &:= 2^2 + 3^4 + 4^2 + 16^1 + 18^2 = 22 + 34 + 42 + 161 + 182 \\441 &:= 2^2 + 3^5 + 10^1 + 13^2 + 15^1 = 22 + 35 + 101 + 132 + 151 \\441 &:= 2^2 + 3^5 + 11^1 + 13^2 + 14^1 = 22 + 35 + 111 + 132 + 141 \\441 &:= 2^2 + 3^5 + 12^1 + 13^1 + 13^2 = 22 + 35 + 121 + 131 + 132 \\441 &:= 2^2 + 3^5 + 4^1 + 13^2 + 21^1 = 22 + 35 + 41 + 132 + 211 \\441 &:= 2^2 + 3^5 + 5^1 + 13^2 + 20^1 = 22 + 35 + 51 + 132 + 201 \\441 &:= 2^2 + 3^5 + 6^1 + 13^2 + 19^1 = 22 + 35 + 61 + 132 + 191 \\441 &:= 2^2 + 3^5 + 7^1 + 13^2 + 18^1 = 22 + 35 + 71 + 132 + 181 \\441 &:= 2^2 + 3^5 + 7^2 + 12^2 + 19^0 = 22 + 35 + 72 + 122 + 190 \\441 &:= 2^2 + 3^5 + 8^1 + 13^2 + 17^1 = 22 + 35 + 81 + 132 + 171 \\441 &:= 2^2 + 3^5 + 9^1 + 13^2 + 16^1 = 22 + 35 + 91 + 132 + 161 \\441 &:= 2^2 + 4^2 + 4^4 + 12^2 + 21^1 = 22 + 42 + 44 + 122 + 211\end{aligned}$$

$$\begin{aligned} 441 &:= 2^2 + 4^4 + 9^2 + 9^2 + 19^1 = 22 + 44 + 92 + 92 + 191 \\ 441 &:= 2^2 + 5^3 + 5^3 + 13^2 + 18^1 = 22 + 53 + 53 + 132 + 181 \\ 441 &:= 2^3 + 2^3 + 3^2 + 16^1 + 20^2 = 23 + 23 + 32 + 161 + 202 \\ 441 &:= 2^3 + 2^3 + 7^3 + 9^2 + 23^0 = 23 + 23 + 73 + 92 + 230 \\ 441 &:= 2^3 + 2^4 + 4^2 + 15^0 + 20^2 = 23 + 24 + 42 + 150 + 202 \\ 441 &:= 2^3 + 3^4 + 7^3 + 8^1 + 23^0 = 23 + 34 + 73 + 81 + 230 \\ 441 &:= 2^3 + 3^5 + 5^0 + 13^2 + 20^1 = 23 + 35 + 50 + 132 + 201 \\ 441 &:= 2^3 + 4^3 + 5^2 + 7^3 + 25^0 = 23 + 43 + 52 + 73 + 250 \\ 441 &:= 2^3 + 5^3 + 10^2 + 12^1 + 14^2 = 23 + 53 + 102 + 121 + 142 \\ 441 &:= 2^3 + 6^3 + 9^2 + 11^2 + 15^1 = 23 + 63 + 92 + 112 + 151 \\ 441 &:= 2^3 + 8^2 + 10^2 + 10^2 + 13^2 = 23 + 82 + 102 + 102 + 132 \\ 441 &:= 2^3 + 8^2 + 9^2 + 12^2 + 12^2 = 23 + 82 + 92 + 122 + 122 \\ 441 &:= 2^4 + 2^4 + 8^1 + 11^0 + 20^2 = 24 + 24 + 81 + 110 + 202 \\ 441 &:= 2^4 + 3^2 + 9^2 + 11^1 + 18^2 = 24 + 32 + 92 + 111 + 182 \\ 441 &:= 2^4 + 3^3 + 6^2 + 13^0 + 19^2 = 24 + 33 + 62 + 130 + 192 \\ 441 &:= 2^4 + 4^2 + 6^2 + 12^1 + 19^2 = 24 + 42 + 62 + 121 + 192 \\ 441 &:= 2^4 + 4^2 + 9^1 + 12^2 + 16^2 = 24 + 42 + 91 + 122 + 162 \\ 441 &:= 2^4 + 4^3 + 6^2 + 13^0 + 18^2 = 24 + 43 + 62 + 130 + 182 \\ 441 &:= 2^4 + 4^3 + 7^3 + 13^0 + 17^1 = 24 + 43 + 73 + 130 + 171 \\ 441 &:= 2^4 + 5^2 + 8^1 + 14^2 + 14^2 = 24 + 52 + 81 + 142 + 142 \\ 441 &:= 2^4 + 6^1 + 9^2 + 13^2 + 13^2 = 24 + 61 + 92 + 132 + 132 \\ 441 &:= 2^4 + 6^3 + 8^2 + 12^2 + 15^0 = 24 + 63 + 82 + 122 + 150 \\ 441 &:= 2^4 + 7^1 + 7^2 + 12^2 + 15^2 = 24 + 71 + 72 + 122 + 152 \\ 441 &:= 2^4 + 7^1 + 9^2 + 9^2 + 16^2 = 24 + 71 + 92 + 92 + 162 \\ 441 &:= 2^4 + 8^1 + 8^2 + 8^2 + 17^2 = 24 + 81 + 82 + 82 + 172 \\ 441 &:= 2^5 + 2^7 + 2^8 + 12^0 + 24^1 = 25 + 27 + 28 + 120 + 241 \\ 441 &:= 2^5 + 3^0 + 4^3 + 7^3 + 27^0 = 25 + 30 + 43 + 73 + 270 \\ 441 &:= 2^5 + 4^0 + 4^3 + 7^3 + 26^0 = 25 + 40 + 43 + 73 + 260 \\ 441 &:= 2^5 + 4^2 + 9^0 + 14^2 + 14^2 = 25 + 42 + 90 + 142 + 142 \\ 441 &:= 2^5 + 4^3 + 5^0 + 7^3 + 25^0 = 25 + 43 + 50 + 73 + 250 \\ 441 &:= 2^5 + 4^3 + 6^0 + 7^3 + 24^0 = 25 + 43 + 60 + 73 + 240 \\ 441 &:= 2^5 + 4^3 + 7^0 + 7^3 + 23^0 = 25 + 43 + 70 + 73 + 230 \\ 441 &:= 2^5 + 4^3 + 7^3 + 10^0 + 20^0 = 25 + 43 + 73 + 100 + 200 \\ 441 &:= 2^5 + 4^3 + 7^3 + 11^0 + 19^0 = 25 + 43 + 73 + 110 + 190 \\ 441 &:= 2^5 + 4^3 + 7^3 + 12^0 + 18^0 = 25 + 43 + 73 + 120 + 180 \\ 441 &:= 2^5 + 4^3 + 7^3 + 13^0 + 17^0 = 25 + 43 + 73 + 130 + 170 \\ 441 &:= 2^5 + 4^3 + 7^3 + 14^0 + 16^0 = 25 + 43 + 73 + 140 + 160 \\ 441 &:= 2^5 + 4^3 + 7^3 + 15^0 + 15^0 = 25 + 43 + 73 + 150 + 150 \end{aligned}$$

$$\begin{aligned} 441 &:= 2^5 + 4^3 + 7^3 + 8^0 + 22^0 = 25 + 43 + 73 + 80 + 220 \\ 441 &:= 2^5 + 4^3 + 7^3 + 9^0 + 21^0 = 25 + 43 + 73 + 90 + 210 \\ 441 &:= 2^5 + 7^2 + 7^3 + 11^0 + 16^1 = 25 + 72 + 73 + 110 + 161 \\ 441 &:= 2^6 + 3^0 + 11^1 + 13^2 + 14^2 = 26 + 30 + 111 + 132 + 142 \\ 441 &:= 2^6 + 3^1 + 7^2 + 13^0 + 18^2 = 26 + 31 + 72 + 130 + 182 \\ 441 &:= 2^6 + 3^2 + 6^1 + 13^0 + 19^2 = 26 + 32 + 61 + 130 + 192 \\ 441 &:= 2^6 + 6^1 + 9^0 + 9^2 + 17^2 = 26 + 61 + 90 + 92 + 172 \\ 441 &:= 2^6 + 7^0 + 7^1 + 12^2 + 15^2 = 26 + 70 + 71 + 122 + 152 \\ 441 &:= 2^8 + 3^0 + 11^0 + 13^2 + 14^1 = 28 + 30 + 110 + 132 + 141 \\ 441 &:= 2^8 + 4^0 + 10^0 + 13^2 + 14^1 = 28 + 40 + 100 + 132 + 141 \\ 441 &:= 2^8 + 5^0 + 9^0 + 13^2 + 14^1 = 28 + 50 + 90 + 132 + 141 \\ 441 &:= 2^8 + 6^0 + 8^0 + 13^2 + 14^1 = 28 + 60 + 80 + 132 + 141 \\ 441 &:= 2^8 + 7^0 + 7^0 + 13^2 + 14^1 = 28 + 70 + 70 + 132 + 141 \\ 441 &:= 3^1 + 3^4 + 4^4 + 10^2 + 23^0 = 31 + 34 + 44 + 102 + 230 \\ 441 &:= 3^1 + 3^4 + 6^3 + 11^2 + 20^1 = 31 + 34 + 63 + 112 + 201 \\ 441 &:= 3^2 + 3^4 + 11^1 + 12^2 + 14^2 = 32 + 34 + 111 + 122 + 142 \\ 441 &:= 3^2 + 3^4 + 5^3 + 15^2 + 17^0 = 32 + 34 + 53 + 152 + 170 \\ 441 &:= 3^2 + 3^4 + 7^2 + 13^1 + 17^2 = 32 + 34 + 72 + 131 + 172 \\ 441 &:= 3^2 + 4^3 + 4^3 + 15^1 + 17^2 = 32 + 43 + 43 + 151 + 172 \\ 441 &:= 3^2 + 4^4 + 6^2 + 11^2 + 19^1 = 32 + 44 + 62 + 112 + 191 \\ 441 &:= 3^3 + 3^3 + 10^1 + 11^2 + 16^2 = 33 + 33 + 101 + 112 + 162 \\ 441 &:= 3^3 + 4^3 + 10^1 + 12^2 + 14^2 = 33 + 43 + 101 + 122 + 142 \\ 441 &:= 3^3 + 4^3 + 7^2 + 12^1 + 17^2 = 33 + 43 + 72 + 121 + 172 \\ 441 &:= 3^3 + 4^4 + 6^2 + 11^2 + 19^0 = 33 + 44 + 62 + 112 + 190 \\ 441 &:= 3^3 + 5^3 + 9^2 + 12^1 + 14^2 = 33 + 53 + 92 + 121 + 142 \\ 441 &:= 3^3 + 7^2 + 10^2 + 11^2 + 12^2 = 33 + 72 + 102 + 112 + 122 \\ 441 &:= 3^3 + 8^2 + 9^2 + 10^2 + 13^2 = 33 + 82 + 92 + 102 + 132 \\ 441 &:= 3^4 + 4^1 + 6^3 + 11^2 + 19^1 = 34 + 41 + 63 + 112 + 191 \\ 441 &:= 3^4 + 4^4 + 5^0 + 9^2 + 22^1 = 34 + 44 + 50 + 92 + 221 \\ 441 &:= 3^4 + 5^1 + 6^3 + 11^2 + 18^1 = 34 + 51 + 63 + 112 + 181 \\ 441 &:= 3^4 + 5^2 + 10^1 + 10^2 + 15^2 = 34 + 52 + 101 + 102 + 152 \\ 441 &:= 3^4 + 5^3 + 6^3 + 11^0 + 18^1 = 34 + 53 + 63 + 110 + 181 \\ 441 &:= 3^4 + 6^1 + 6^3 + 11^2 + 17^1 = 34 + 61 + 63 + 112 + 171 \\ 441 &:= 3^4 + 6^3 + 10^1 + 11^2 + 13^1 = 34 + 63 + 101 + 112 + 131 \\ 441 &:= 3^4 + 6^3 + 11^1 + 11^2 + 12^1 = 34 + 63 + 111 + 112 + 121 \\ 441 &:= 3^4 + 6^3 + 7^1 + 11^2 + 16^1 = 34 + 63 + 71 + 112 + 161 \\ 441 &:= 3^4 + 6^3 + 8^1 + 11^2 + 15^1 = 34 + 63 + 81 + 112 + 151 \\ 441 &:= 3^4 + 6^3 + 9^1 + 11^2 + 14^1 = 34 + 63 + 91 + 112 + 141 \end{aligned}$$

$$441 := 3^4 + 8^1 + 8^2 + 12^2 + 12^2 = 34 + 81 + 82 + 122 + 122$$

$$441 := 3^5 + 4^2 + 9^2 + 10^2 + 17^0 = 35 + 42 + 92 + 102 + 170$$

$$441 := 3^5 + 4^3 + 11^2 + 12^1 + 13^0 = 35 + 43 + 112 + 121 + 130$$

$$441 := 3^5 + 5^0 + 5^3 + 7^2 + 23^1 = 35 + 50 + 53 + 72 + 231$$

$$441 := 3^5 + 5^3 + 8^1 + 8^2 + 19^0 = 35 + 53 + 81 + 82 + 190$$

$$441 := 4^2 + 5^3 + 6^3 + 8^2 + 20^1 = 42 + 53 + 63 + 82 + 201$$

$$441 := 4^3 + 6^3 + 8^2 + 9^2 + 16^1 = 43 + 63 + 82 + 92 + 161$$

2.2.343 Number 442

$$442 := 2^4 + 2^6 + 19^2 + 20^0 = 24 + 26 + 192 + 200$$

$$442 := 2^6 + 4^4 + 11^2 + 26^0 = 26 + 44 + 112 + 260$$

$$442 := 2^8 + 4^2 + 13^2 + 24^0 = 28 + 42 + 132 + 240$$

$$442 := 2^8 + 8^2 + 11^2 + 22^0 = 28 + 82 + 112 + 220$$

$$442 := 3^5 + 4^3 + 5^3 + 9^1 + 22^0 = 35 + 43 + 53 + 91 + 220$$

$$442 := 3^4 + 3^5 + 10^0 + 10^2 + 17^1 = 34 + 35 + 100 + 102 + 171$$

$$442 := 3^2 + 3^5 + 5^3 + 8^2 + 24^0 = 32 + 35 + 53 + 82 + 240$$

$$442 := 2^8 + 8^1 + 8^1 + 12^0 + 13^2 = 28 + 81 + 81 + 120 + 132$$

$$442 := 2^8 + 7^1 + 9^1 + 12^0 + 13^2 = 28 + 71 + 91 + 120 + 132$$

$$442 := 2^8 + 6^1 + 10^1 + 12^0 + 13^2 = 28 + 61 + 101 + 120 + 132$$

$$442 := 2^8 + 5^1 + 11^1 + 12^0 + 13^2 = 28 + 51 + 111 + 120 + 132$$

$$442 := 2^8 + 4^1 + 12^0 + 12^1 + 13^2 = 28 + 41 + 120 + 121 + 132$$

$$442 := 2^8 + 3^1 + 12^0 + 13^1 + 13^2 = 28 + 31 + 120 + 131 + 132$$

$$442 := 2^7 + 7^2 + 8^1 + 10^0 + 16^2 = 27 + 72 + 81 + 100 + 162$$

$$442 := 2^7 + 7^1 + 9^2 + 10^0 + 15^2 = 27 + 71 + 92 + 100 + 152$$

$$442 := 2^7 + 4^2 + 8^1 + 12^0 + 17^2 = 27 + 42 + 81 + 120 + 172$$

$$442 := 2^7 + 3^2 + 6^0 + 15^1 + 17^2 = 27 + 32 + 60 + 151 + 172$$

$$442 := 2^6 + 8^0 + 9^2 + 10^2 + 14^2 = 26 + 80 + 92 + 102 + 142$$

$$442 := 2^6 + 8^0 + 8^2 + 12^2 + 13^2 = 26 + 80 + 82 + 122 + 132$$

$$442 := 2^6 + 6^0 + 6^3 + 12^2 + 17^1 = 26 + 60 + 63 + 122 + 171$$

$$442 := 2^6 + 5^2 + 7^3 + 9^1 + 20^0 = 26 + 52 + 73 + 91 + 200$$

$$442 := 2^6 + 4^2 + 7^3 + 12^0 + 18^1 = 26 + 42 + 73 + 120 + 181$$

$$442 := 2^6 + 3^2 + 6^0 + 7^3 + 25^1 = 26 + 32 + 60 + 73 + 251$$

$$442 := 2^6 + 2^7 + 2^7 + 11^2 + 25^0 = 26 + 27 + 27 + 112 + 250$$

$$442 := 2^5 + 6^3 + 7^2 + 12^2 + 16^0 = 25 + 63 + 72 + 122 + 160$$

$$442 := 2^5 + 4^4 + 9^1 + 12^2 + 16^0 = 25 + 44 + 91 + 122 + 160$$

$$442 := 2^5 + 3^4 + 4^1 + 16^0 + 18^2 = 25 + 34 + 41 + 160 + 182$$

$$442 := 2^4 + 4^4 + 5^2 + 12^2 + 20^0 = 24 + 44 + 52 + 122 + 200$$

$$442 := 2^4 + 3^5 + 12^0 + 13^1 + 13^2 = 24 + 35 + 120 + 131 + 132$$

$$442 := 2^4 + 2^4 + 3^2 + 16^0 + 20^2 = 24 + 24 + 32 + 160 + 202$$

$$442 := 2^3 + 2^6 + 8^1 + 12^0 + 19^2 = 23 + 26 + 81 + 120 + 192$$

$$442 := 2^3 + 2^3 + 4^4 + 13^2 + 22^0 = 23 + 23 + 44 + 132 + 220$$

$$442 := 2^2 + 3^4 + 4^4 + 10^2 + 24^0 = 22 + 34 + 44 + 102 + 240$$

$$442 := 2^2 + 2^6 + 7^2 + 14^0 + 18^2 = 22 + 26 + 72 + 140 + 182$$

$$442 := 2^1 + 2^8 + 12^0 + 13^2 + 14^1 = 21 + 28 + 120 + 132 + 141$$

$$442 := 2^0 + 2^2 + 2^7 + 17^2 + 20^1 = 20 + 22 + 27 + 172 + 201$$

$$442 := 1^9 + 2^8 + 8^2 + 10^2 + 21^1 = 19 + 28 + 82 + 102 + 211$$

$$442 := 1^8 + 1^9 + 5^2 + 15^1 + 20^2 = 18 + 19 + 52 + 151 + 202$$

$$442 := 1^7 + 6^0 + 7^1 + 12^2 + 17^2 = 17 + 60 + 71 + 122 + 172$$

$$442 := 1^7 + 4^1 + 6^2 + 12^0 + 20^2 = 17 + 41 + 62 + 120 + 202$$

$$442 := 1^7 + 2^4 + 2^8 + 12^2 + 25^1 = 17 + 24 + 28 + 122 + 251$$

$$442 := 1^7 + 2^0 + 5^2 + 15^1 + 20^2 = 17 + 20 + 52 + 151 + 202$$

$$442 := 1^7 + 1^8 + 3^5 + 14^2 + 23^0 = 17 + 18 + 35 + 142 + 230$$

$$442 := 1^6 + 7^3 + 9^2 + 10^0 + 16^1 = 16 + 73 + 92 + 100 + 161$$

$$442 := 1^6 + 6^0 + 10^2 + 12^2 + 14^2 = 16 + 60 + 102 + 122 + 142$$

$$442 := 1^6 + 4^2 + 10^0 + 10^2 + 18^2 = 16 + 42 + 100 + 102 + 182$$

$$442 := 1^6 + 4^0 + 4^3 + 15^1 + 19^2 = 16 + 40 + 43 + 151 + 192$$

$$442 := 1^6 + 3^3 + 6^0 + 13^1 + 20^2 = 16 + 33 + 60 + 131 + 202$$

$$442 := 1^6 + 2^2 + 6^2 + 14^0 + 20^2 = 16 + 22 + 62 + 140 + 202$$

$$442 := 1^6 + 1^9 + 3^5 + 14^2 + 23^0 = 16 + 19 + 35 + 142 + 230$$

$$442 := 1^5 + 6^3 + 6^3 + 8^1 + 22^0 = 15 + 63 + 63 + 81 + 220$$

$$442 := 1^5 + 4^4 + 10^0 + 13^2 + 15^1 = 15 + 44 + 100 + 132 + 151$$

$$442 := 1^5 + 4^2 + 7^3 + 9^2 + 22^0 = 15 + 42 + 73 + 92 + 220$$

$$442 := 1^5 + 3^5 + 9^0 + 14^2 + 16^0 = 15 + 35 + 90 + 142 + 160$$

$$442 := 1^5 + 3^5 + 8^0 + 14^2 + 17^0 = 15 + 35 + 80 + 142 + 170$$

$$442 := 1^5 + 3^5 + 7^0 + 14^2 + 18^0 = 15 + 35 + 70 + 142 + 180$$

$$442 := 1^5 + 3^5 + 6^0 + 14^2 + 19^0 = 15 + 35 + 60 + 142 + 190$$

$$442 := 1^5 + 3^5 + 5^0 + 14^2 + 20^0 = 15 + 35 + 50 + 142 + 200$$

$$442 := 1^5 + 3^5 + 4^0 + 14^2 + 21^0 = 15 + 35 + 40 + 142 + 210$$

$$442 := 1^5 + 3^5 + 12^0 + 13^0 + 14^2 = 15 + 35 + 120 + 130 + 142$$

$$442 := 1^5 + 3^5 + 11^0 + 14^0 + 14^2 = 15 + 35 + 110 + 140 + 142$$

$$442 := 1^5 + 3^5 + 10^0 + 14^2 + 15^0 = 15 + 35 + 100 + 142 + 150$$

$$\begin{aligned}
 442 &:= 1^5 + 3^0 + 3^5 + 14^2 + 22^0 = 15 + 30 + 35 + 142 + 220 \\
 442 &:= 1^5 + 2^0 + 3^5 + 14^2 + 23^0 = 15 + 20 + 35 + 142 + 230 \\
 442 &:= 1^4 + 3^4 + 7^3 + 16^0 + 16^1 = 14 + 34 + 73 + 160 + 161 \\
 442 &:= 1^4 + 2^5 + 8^1 + 12^0 + 20^2 = 14 + 25 + 81 + 120 + 202 \\
 442 &:= 1^4 + 2^4 + 10^2 + 12^0 + 18^2 = 14 + 24 + 102 + 120 + 182 \\
 442 &:= 1^3 + 2^6 + 6^0 + 15^1 + 19^2 = 13 + 26 + 60 + 151 + 192 \\
 442 &:= 1^3 + 2^4 + 7^3 + 9^2 + 24^0 = 13 + 24 + 73 + 92 + 240
 \end{aligned}$$

$$\begin{aligned}
 442 &:= 1^2 + 2^3 + 2^5 + 18^0 + 20^2 = 12 + 23 + 25 + 180 + 202 \\
 442 &:= 1^2 + 1^3 + 3^5 + 14^2 + 24^0 = 12 + 13 + 35 + 142 + 240 \\
 442 &:= 1^1 + 2^8 + 12^0 + 13^2 + 15^1 = 11 + 28 + 120 + 132 + 151 \\
 442 &:= 1^1 + 1^4 + 3^5 + 14^2 + 24^0 = 11 + 14 + 35 + 142 + 240 \\
 442 &:= 1^0 + 1^5 + 3^5 + 14^2 + 24^0 = 10 + 15 + 35 + 142 + 240
 \end{aligned}$$

2.2.344 Number 443

$$\begin{aligned}
 443 &:= 1^1 + 21^2 + 22^0 = 11 + 212 + 220 \\
 443 &:= 1^8 + 5^2 + 17^1 + 20^2 = 18 + 52 + 171 + 202 \\
 443 &:= 1^8 + 6^3 + 15^2 + 21^0 = 18 + 63 + 152 + 210 \\
 443 &:= 2^8 + 8^2 + 10^2 + 23^1 = 28 + 82 + 102 + 231 \\
 443 &:= 1^0 + 1^8 + 5^2 + 16^1 + 20^2 = 10 + 18 + 52 + 161 + 202 \\
 443 &:= 1^0 + 2^8 + 4^3 + 11^2 + 25^0 = 10 + 28 + 43 + 112 + 250 \\
 443 &:= 1^0 + 2^8 + 8^2 + 10^2 + 22^1 = 10 + 28 + 82 + 102 + 221 \\
 443 &:= 1^1 + 1^7 + 5^2 + 16^1 + 20^2 = 11 + 17 + 52 + 161 + 202 \\
 443 &:= 1^1 + 2^2 + 2^7 + 17^2 + 21^1 = 11 + 22 + 27 + 172 + 211 \\
 443 &:= 1^1 + 2^4 + 2^6 + 19^0 + 19^2 = 11 + 24 + 26 + 190 + 192 \\
 443 &:= 1^1 + 2^6 + 4^4 + 11^2 + 25^0 = 11 + 26 + 44 + 112 + 250 \\
 443 &:= 1^1 + 2^8 + 4^2 + 13^2 + 23^0 = 11 + 28 + 42 + 132 + 230 \\
 443 &:= 1^1 + 2^8 + 8^2 + 11^2 + 21^0 = 11 + 28 + 82 + 112 + 210 \\
 443 &:= 1^2 + 1^6 + 5^2 + 16^1 + 20^2 = 12 + 16 + 52 + 161 + 202 \\
 443 &:= 1^2 + 2^6 + 13^1 + 13^2 + 14^2 = 12 + 26 + 131 + 132 + 142 \\
 443 &:= 1^2 + 2^7 + 12^2 + 13^2 + 15^0 = 12 + 27 + 122 + 132 + 150 \\
 443 &:= 1^2 + 2^8 + 11^0 + 13^2 + 16^1 = 12 + 28 + 110 + 132 + 161 \\
 443 &:= 1^3 + 1^5 + 5^2 + 16^1 + 20^2 = 13 + 15 + 52 + 161 + 202 \\
 443 &:= 1^3 + 2^3 + 2^4 + 18^1 + 20^2 = 13 + 23 + 24 + 181 + 202 \\
 443 &:= 1^3 + 2^4 + 4^4 + 13^2 + 23^0 = 13 + 24 + 44 + 132 + 230 \\
 443 &:= 1^3 + 2^6 + 11^2 + 13^0 + 16^2 = 13 + 26 + 112 + 130 + 162 \\
 443 &:= 1^3 + 2^6 + 4^2 + 17^0 + 19^2 = 13 + 26 + 42 + 170 + 192 \\
 443 &:= 1^4 + 1^4 + 5^2 + 16^1 + 20^2 = 14 + 14 + 52 + 161 + 202 \\
 443 &:= 1^4 + 2^4 + 3^2 + 17^1 + 20^2 = 14 + 24 + 32 + 171 + 202 \\
 443 &:= 1^4 + 2^4 + 4^3 + 17^0 + 19^2 = 14 + 24 + 43 + 170 + 192 \\
 443 &:= 1^4 + 2^5 + 3^2 + 17^0 + 20^2 = 14 + 25 + 32 + 170 + 202 \\
 443 &:= 1^4 + 2^6 + 5^0 + 16^1 + 19^2 = 14 + 26 + 50 + 161 + 192 \\
 443 &:= 1^4 + 3^4 + 6^3 + 12^2 + 21^0 = 14 + 34 + 63 + 122 + 210 \\
 443 &:= 1^4 + 4^3 + 4^4 + 11^2 + 23^0 = 14 + 43 + 44 + 112 + 230
 \end{aligned}$$

$$\begin{aligned}
 443 &:= 1^5 + 10^2 + 10^2 + 11^2 + 11^2 = 15 + 102 + 102 + 112 + 112 \\
 443 &:= 1^5 + 2^1 + 3^5 + 14^2 + 23^0 = 15 + 21 + 35 + 142 + 230 \\
 443 &:= 1^5 + 2^4 + 11^0 + 13^2 + 16^2 = 15 + 24 + 110 + 132 + 162 \\
 443 &:= 1^5 + 2^4 + 5^2 + 15^0 + 20^2 = 15 + 24 + 52 + 150 + 202 \\
 443 &:= 1^5 + 2^4 + 8^2 + 13^0 + 19^2 = 15 + 24 + 82 + 130 + 192 \\
 443 &:= 1^5 + 2^5 + 9^1 + 11^0 + 20^2 = 15 + 25 + 91 + 110 + 202 \\
 443 &:= 1^5 + 3^2 + 6^3 + 6^3 + 27^0 = 15 + 32 + 63 + 63 + 270 \\
 443 &:= 1^5 + 3^3 + 5^3 + 17^0 + 17^2 = 15 + 33 + 53 + 170 + 172 \\
 443 &:= 1^5 + 3^4 + 6^2 + 15^0 + 18^2 = 15 + 34 + 62 + 150 + 182 \\
 443 &:= 1^5 + 3^4 + 7^3 + 15^0 + 17^1 = 15 + 34 + 73 + 150 + 171 \\
 443 &:= 1^5 + 4^2 + 4^4 + 13^2 + 21^0 = 15 + 42 + 44 + 132 + 210 \\
 443 &:= 1^5 + 4^4 + 8^2 + 11^2 + 19^0 = 15 + 44 + 82 + 112 + 190 \\
 443 &:= 1^5 + 5^3 + 6^3 + 10^2 + 21^0 = 15 + 53 + 63 + 102 + 210 \\
 443 &:= 1^6 + 2^2 + 8^2 + 13^1 + 19^2 = 16 + 22 + 82 + 131 + 192 \\
 443 &:= 1^6 + 2^3 + 11^0 + 12^2 + 17^2 = 16 + 23 + 110 + 122 + 172 \\
 443 &:= 1^6 + 4^2 + 4^3 + 15^0 + 19^2 = 16 + 42 + 43 + 150 + 192 \\
 443 &:= 1^6 + 4^3 + 11^0 + 11^2 + 16^2 = 16 + 43 + 110 + 112 + 162 \\
 443 &:= 1^6 + 4^4 + 9^0 + 13^2 + 16^1 = 16 + 44 + 90 + 132 + 161 \\
 443 &:= 1^6 + 6^3 + 6^3 + 9^1 + 21^0 = 16 + 63 + 63 + 91 + 210 \\
 443 &:= 1^6 + 6^3 + 9^2 + 12^2 + 15^0 = 16 + 63 + 92 + 122 + 150 \\
 443 &:= 1^6 + 7^2 + 7^2 + 7^3 + 21^0 = 16 + 72 + 72 + 73 + 210 \\
 443 &:= 1^6 + 8^1 + 8^2 + 9^2 + 17^2 = 16 + 81 + 82 + 92 + 172 \\
 443 &:= 1^7 + 2^1 + 5^2 + 15^1 + 20^2 = 17 + 21 + 52 + 151 + 202 \\
 443 &:= 1^7 + 2^6 + 2^8 + 11^2 + 26^0 = 17 + 26 + 28 + 112 + 260 \\
 443 &:= 1^7 + 3^0 + 4^3 + 16^1 + 19^2 = 17 + 30 + 43 + 161 + 192 \\
 443 &:= 1^7 + 3^1 + 5^2 + 14^1 + 20^2 = 17 + 31 + 52 + 141 + 202 \\
 443 &:= 1^7 + 3^3 + 5^0 + 14^1 + 20^2 = 17 + 33 + 50 + 141 + 202 \\
 443 &:= 1^7 + 4^1 + 5^2 + 13^1 + 20^2 = 17 + 41 + 52 + 131 + 202 \\
 443 &:= 1^7 + 4^2 + 5^2 + 13^0 + 20^2 = 17 + 42 + 52 + 130 + 202
 \end{aligned}$$

$$\begin{aligned} 443 &:= 1^7 + 4^2 + 8^2 + 11^0 + 19^2 = 17 + 42 + 82 + 110 + 192 & 443 &:= 2^2 + 2^7 + 9^1 + 13^1 + 17^2 = 22 + 27 + 91 + 131 + 172 \\ 443 &:= 1^7 + 4^2 + 9^0 + 13^2 + 16^2 = 17 + 42 + 90 + 132 + 162 & 443 &:= 2^2 + 2^8 + 13^0 + 13^1 + 13^2 = 22 + 28 + 130 + 131 + 132 \\ 443 &:= 1^7 + 5^1 + 5^2 + 12^1 + 20^2 = 17 + 51 + 52 + 121 + 202 & 443 &:= 2^3 + 2^5 + 11^1 + 14^2 + 14^2 = 23 + 25 + 111 + 142 + 142 \\ 443 &:= 1^7 + 5^2 + 6^1 + 11^1 + 20^2 = 17 + 52 + 61 + 111 + 202 & 443 &:= 2^3 + 2^6 + 3^2 + 17^0 + 19^2 = 23 + 26 + 32 + 170 + 192 \\ 443 &:= 1^7 + 5^2 + 7^1 + 10^1 + 20^2 = 17 + 52 + 71 + 101 + 202 & 443 &:= 2^3 + 2^6 + 5^0 + 7^3 + 27^1 = 23 + 26 + 50 + 73 + 271 \\ 443 &:= 1^7 + 5^2 + 8^1 + 9^1 + 20^2 = 17 + 52 + 81 + 91 + 202 & 443 &:= 2^3 + 2^6 + 9^2 + 13^0 + 17^2 = 23 + 26 + 92 + 130 + 172 \\ 443 &:= 1^7 + 6^2 + 9^0 + 9^2 + 18^2 = 17 + 62 + 90 + 92 + 182 & 443 &:= 2^3 + 2^7 + 5^0 + 17^1 + 17^2 = 23 + 27 + 50 + 171 + 172 \\ 443 &:= 1^7 + 7^0 + 7^2 + 14^2 + 14^2 = 17 + 70 + 72 + 142 + 142 & 443 &:= 2^4 + 2^4 + 11^1 + 12^2 + 16^2 = 24 + 24 + 111 + 122 + 162 \\ 443 &:= 1^7 + 7^0 + 8^2 + 11^2 + 16^2 = 17 + 70 + 82 + 112 + 162 & 443 &:= 2^4 + 2^4 + 6^2 + 14^1 + 19^2 = 24 + 24 + 62 + 141 + 192 \\ 443 &:= 1^7 + 7^3 + 9^0 + 9^2 + 17^1 = 17 + 73 + 90 + 92 + 171 & 443 &:= 2^4 + 2^5 + 11^0 + 13^2 + 15^2 = 24 + 25 + 110 + 132 + 152 \\ 443 &:= 1^8 + 5^0 + 8^1 + 12^2 + 17^2 = 18 + 50 + 81 + 122 + 172 & 443 &:= 2^4 + 5^3 + 6^3 + 8^2 + 22^1 = 24 + 53 + 63 + 82 + 221 \\ 443 &:= 1^8 + 5^1 + 6^2 + 11^0 + 20^2 = 18 + 51 + 62 + 110 + 202 & 443 &:= 2^5 + 2^5 + 3^0 + 17^1 + 19^2 = 25 + 25 + 30 + 171 + 192 \\ 443 &:= 1^9 + 2^4 + 2^8 + 13^2 + 24^0 = 19 + 24 + 28 + 132 + 240 & 443 &:= 2^5 + 3^0 + 3^5 + 12^2 + 23^1 = 25 + 30 + 35 + 122 + 231 \\ 443 &:= 2^0 + 2^8 + 4^3 + 11^2 + 24^0 = 20 + 28 + 43 + 112 + 240 & 443 &:= 2^6 + 3^3 + 7^3 + 8^1 + 23^0 = 26 + 33 + 73 + 81 + 230 \\ 443 &:= 2^1 + 2^2 + 2^7 + 17^2 + 20^1 = 21 + 22 + 27 + 172 + 201 & 443 &:= 2^6 + 3^4 + 8^1 + 13^0 + 17^2 = 26 + 34 + 81 + 130 + 172 \\ 443 &:= 2^2 + 2^4 + 3^4 + 18^1 + 18^2 = 22 + 24 + 34 + 181 + 182 & 443 &:= 2^6 + 4^2 + 5^2 + 14^1 + 18^2 = 26 + 42 + 52 + 141 + 182 \\ 443 &:= 2^2 + 2^4 + 4^4 + 12^2 + 23^1 = 22 + 24 + 44 + 122 + 231 & 443 &:= 2^6 + 4^3 + 5^2 + 15^0 + 17^2 = 26 + 43 + 52 + 150 + 172 \\ 443 &:= 2^2 + 2^6 + 5^1 + 7^3 + 27^1 = 22 + 26 + 51 + 73 + 271 & 443 &:= 2^6 + 4^4 + 5^0 + 10^2 + 22^1 = 26 + 44 + 50 + 102 + 221 \\ 443 &:= 2^2 + 2^6 + 6^1 + 7^3 + 26^1 = 22 + 26 + 61 + 73 + 261 & 443 &:= 2^6 + 6^3 + 9^2 + 9^2 + 17^0 = 26 + 63 + 92 + 92 + 170 \\ 443 &:= 2^2 + 2^6 + 6^2 + 15^1 + 18^2 = 22 + 26 + 62 + 151 + 182 & 443 &:= 2^6 + 7^2 + 8^2 + 10^1 + 16^2 = 26 + 72 + 82 + 101 + 162 \\ 443 &:= 2^2 + 2^6 + 7^1 + 7^3 + 25^1 = 22 + 26 + 71 + 73 + 251 & 443 &:= 2^6 + 8^1 + 9^2 + 11^2 + 13^2 = 26 + 81 + 92 + 112 + 132 \\ 443 &:= 2^2 + 2^6 + 7^3 + 10^1 + 22^1 = 22 + 26 + 73 + 101 + 221 & 443 &:= 2^6 + 8^2 + 9^1 + 9^2 + 15^2 = 26 + 82 + 91 + 92 + 152 \\ 443 &:= 2^2 + 2^6 + 7^3 + 11^1 + 21^1 = 22 + 26 + 73 + 111 + 211 & 443 &:= 2^7 + 3^0 + 5^3 + 13^2 + 20^1 = 27 + 30 + 53 + 132 + 201 \\ 443 &:= 2^2 + 2^6 + 7^3 + 12^1 + 20^1 = 22 + 26 + 73 + 121 + 201 & 443 &:= 2^7 + 3^2 + 4^2 + 17^0 + 17^2 = 27 + 32 + 42 + 170 + 172 \\ 443 &:= 2^2 + 2^6 + 7^3 + 13^1 + 19^1 = 22 + 26 + 73 + 131 + 191 & 443 &:= 2^7 + 3^2 + 7^2 + 15^0 + 16^2 = 27 + 32 + 72 + 150 + 162 \\ 443 &:= 2^2 + 2^6 + 7^3 + 14^1 + 18^1 = 22 + 26 + 73 + 141 + 181 & 443 &:= 2^7 + 5^2 + 8^2 + 13^0 + 15^2 = 27 + 52 + 82 + 130 + 152 \\ 443 &:= 2^2 + 2^6 + 7^3 + 15^1 + 17^1 = 22 + 26 + 73 + 151 + 171 & 443 &:= 2^7 + 6^3 + 9^0 + 9^2 + 17^1 = 27 + 63 + 90 + 92 + 171 \\ 443 &:= 2^2 + 2^6 + 7^3 + 16^1 + 16^1 = 22 + 26 + 73 + 161 + 161 & 443 &:= 2^7 + 7^2 + 11^0 + 11^2 + 12^2 = 27 + 72 + 110 + 112 + 122 \\ 443 &:= 2^2 + 2^6 + 7^3 + 8^1 + 24^1 = 22 + 26 + 73 + 81 + 241 & 443 &:= 2^7 + 8^2 + 9^2 + 11^0 + 13^2 = 27 + 82 + 92 + 110 + 132 \\ 443 &:= 2^2 + 2^6 + 7^3 + 9^1 + 23^1 = 22 + 26 + 73 + 91 + 231 & 443 &:= 2^8 + 3^0 + 4^3 + 11^2 + 23^0 = 28 + 30 + 43 + 112 + 230 \\ 443 &:= 2^2 + 2^7 + 10^1 + 12^1 + 17^2 = 22 + 27 + 101 + 121 + 172 & 443 &:= 2^8 + 3^2 + 8^1 + 13^2 + 17^0 = 28 + 32 + 81 + 132 + 170 \\ 443 &:= 2^2 + 2^7 + 11^1 + 11^1 + 17^2 = 22 + 27 + 111 + 111 + 172 & 443 &:= 2^8 + 4^0 + 4^3 + 11^2 + 22^0 = 28 + 40 + 43 + 112 + 220 \\ 443 &:= 2^2 + 2^7 + 3^1 + 17^2 + 19^1 = 22 + 27 + 31 + 172 + 191 & 443 &:= 2^8 + 4^3 + 10^0 + 11^2 + 16^0 = 28 + 43 + 100 + 112 + 160 \\ 443 &:= 2^2 + 2^7 + 4^1 + 17^2 + 18^1 = 22 + 27 + 41 + 172 + 181 & 443 &:= 2^8 + 4^3 + 11^0 + 11^2 + 15^0 = 28 + 43 + 110 + 112 + 150 \\ 443 &:= 2^2 + 2^7 + 5^1 + 17^1 + 17^2 = 22 + 27 + 51 + 171 + 172 & 443 &:= 2^8 + 4^3 + 11^2 + 12^0 + 14^0 = 28 + 43 + 112 + 120 + 140 \\ 443 &:= 2^2 + 2^7 + 6^1 + 16^1 + 17^2 = 22 + 27 + 61 + 161 + 172 & 443 &:= 2^8 + 4^3 + 11^2 + 13^0 + 13^0 = 28 + 43 + 112 + 130 + 130 \\ 443 &:= 2^2 + 2^7 + 7^1 + 15^1 + 17^2 = 22 + 27 + 71 + 151 + 172 & 443 &:= 2^8 + 4^3 + 5^0 + 11^2 + 21^0 = 28 + 43 + 50 + 112 + 210 \\ 443 &:= 2^2 + 2^7 + 8^1 + 14^1 + 17^2 = 22 + 27 + 81 + 141 + 172 & 443 &:= 2^8 + 4^3 + 6^0 + 11^2 + 20^0 = 28 + 43 + 60 + 112 + 200 \end{aligned}$$

$$\begin{aligned}
 443 &:= 2^8 + 4^3 + 7^0 + 11^2 + 19^0 = 28 + 43 + 70 + 112 + 190 \\
 443 &:= 2^8 + 4^3 + 8^0 + 11^2 + 18^0 = 28 + 43 + 80 + 112 + 180 \\
 443 &:= 2^8 + 4^3 + 9^0 + 11^2 + 17^0 = 28 + 43 + 90 + 112 + 170 \\
 443 &:= 2^8 + 5^1 + 9^2 + 10^2 + 17^0 = 28 + 51 + 92 + 102 + 170 \\
 443 &:= 2^8 + 5^2 + 7^0 + 12^2 + 17^1 = 28 + 52 + 70 + 122 + 171 \\
 443 &:= 2^8 + 6^1 + 6^2 + 12^2 + 17^0 = 28 + 61 + 62 + 122 + 170
 \end{aligned}$$

$$\begin{aligned}
 443 &:= 2^8 + 7^0 + 7^2 + 11^2 + 16^1 = 28 + 70 + 72 + 112 + 161 \\
 443 &:= 3^4 + 3^4 + 4^4 + 9^0 + 24^1 = 34 + 34 + 44 + 90 + 241 \\
 443 &:= 3^4 + 3^4 + 6^3 + 8^2 + 23^0 = 34 + 34 + 63 + 82 + 230 \\
 443 &:= 3^5 + 5^2 + 5^2 + 5^3 + 25^1 = 35 + 52 + 52 + 53 + 251
 \end{aligned}$$

2.2.345 Number 444

$$\begin{aligned}
 444 &:= 1^0 + 1^2 + 21^0 + 21^2 = 10 + 12 + 210 + 212 \\
 444 &:= 1^0 + 9^2 + 15^0 + 19^2 = 10 + 92 + 150 + 192 \\
 444 &:= 1^1 + 1^1 + 21^0 + 21^2 = 11 + 11 + 210 + 212 \\
 444 &:= 1^2 + 10^0 + 12^0 + 21^2 = 12 + 100 + 120 + 212 \\
 444 &:= 1^2 + 11^0 + 11^0 + 21^2 = 12 + 110 + 110 + 212 \\
 444 &:= 1^2 + 2^0 + 20^0 + 21^2 = 12 + 20 + 200 + 212 \\
 444 &:= 1^2 + 3^0 + 19^0 + 21^2 = 12 + 30 + 190 + 212 \\
 444 &:= 1^2 + 4^0 + 18^0 + 21^2 = 12 + 40 + 180 + 212 \\
 444 &:= 1^2 + 5^0 + 17^0 + 21^2 = 12 + 50 + 170 + 212 \\
 444 &:= 1^2 + 6^0 + 16^0 + 21^2 = 12 + 60 + 160 + 212 \\
 444 &:= 1^2 + 7^0 + 15^0 + 21^2 = 12 + 70 + 150 + 212 \\
 444 &:= 1^2 + 8^0 + 14^0 + 21^2 = 12 + 80 + 140 + 212 \\
 444 &:= 1^2 + 9^0 + 13^0 + 21^2 = 12 + 90 + 130 + 212 \\
 444 &:= 1^3 + 1^9 + 20^0 + 21^2 = 13 + 19 + 200 + 212 \\
 444 &:= 1^4 + 1^8 + 20^0 + 21^2 = 14 + 18 + 200 + 212 \\
 444 &:= 1^5 + 1^7 + 20^0 + 21^2 = 15 + 17 + 200 + 212 \\
 444 &:= 1^6 + 1^6 + 20^0 + 21^2 = 16 + 16 + 200 + 212 \\
 444 &:= 1^8 + 3^4 + 19^2 + 20^0 = 18 + 34 + 192 + 200 \\
 444 &:= 2^0 + 9^2 + 14^0 + 19^2 = 20 + 92 + 140 + 192 \\
 444 &:= 3^0 + 9^2 + 13^0 + 19^2 = 30 + 92 + 130 + 192 \\
 444 &:= 4^0 + 9^2 + 12^0 + 19^2 = 40 + 92 + 120 + 192 \\
 444 &:= 5^0 + 9^2 + 11^0 + 19^2 = 50 + 92 + 110 + 192 \\
 444 &:= 6^0 + 9^2 + 10^0 + 19^2 = 60 + 92 + 100 + 192 \\
 444 &:= 7^0 + 9^0 + 9^2 + 19^2 = 70 + 90 + 92 + 192 \\
 444 &:= 8^0 + 8^0 + 9^2 + 19^2 = 80 + 80 + 92 + 192 \\
 444 &:= 1^0 + 1^9 + 6^3 + 15^2 + 20^0 = 10 + 19 + 63 + 152 + 200 \\
 444 &:= 1^1 + 1^8 + 6^3 + 15^2 + 20^0 = 11 + 18 + 63 + 152 + 200 \\
 444 &:= 1^2 + 1^7 + 6^3 + 15^2 + 20^0 = 12 + 17 + 63 + 152 + 200 \\
 444 &:= 1^3 + 1^6 + 6^3 + 15^2 + 20^0 = 13 + 16 + 63 + 152 + 200 \\
 444 &:= 1^3 + 2^7 + 5^2 + 17^2 + 18^0 = 13 + 27 + 52 + 172 + 180
 \end{aligned}$$

$$\begin{aligned}
 444 &:= 1^3 + 2^8 + 10^0 + 13^2 + 17^1 = 13 + 28 + 100 + 132 + 171 \\
 444 &:= 1^4 + 1^5 + 6^3 + 15^2 + 20^0 = 14 + 15 + 63 + 152 + 200 \\
 444 &:= 1^5 + 2^5 + 11^2 + 12^0 + 17^2 = 15 + 25 + 112 + 120 + 172 \\
 444 &:= 1^5 + 2^5 + 7^2 + 14^0 + 19^2 = 15 + 25 + 72 + 140 + 192 \\
 444 &:= 1^5 + 2^6 + 4^0 + 17^1 + 19^2 = 15 + 26 + 40 + 171 + 192 \\
 444 &:= 1^6 + 2^5 + 10^0 + 10^1 + 20^2 = 16 + 25 + 100 + 101 + 202 \\
 444 &:= 1^6 + 3^1 + 3^5 + 14^2 + 22^0 = 16 + 31 + 35 + 142 + 220 \\
 444 &:= 1^6 + 3^4 + 7^3 + 14^0 + 18^1 = 16 + 34 + 73 + 140 + 181 \\
 444 &:= 1^7 + 4^4 + 8^0 + 13^2 + 17^1 = 17 + 44 + 80 + 132 + 171 \\
 444 &:= 1^7 + 5^3 + 11^2 + 12^0 + 14^2 = 17 + 53 + 112 + 120 + 142 \\
 444 &:= 1^7 + 6^3 + 6^3 + 10^1 + 20^0 = 17 + 63 + 63 + 101 + 200 \\
 444 &:= 1^8 + 2^0 + 4^3 + 17^1 + 19^2 = 18 + 20 + 43 + 171 + 192 \\
 444 &:= 1^8 + 3^2 + 10^0 + 12^2 + 17^2 = 18 + 32 + 100 + 122 + 172 \\
 444 &:= 1^8 + 3^3 + 4^0 + 15^1 + 20^2 = 18 + 33 + 40 + 151 + 202 \\
 444 &:= 1^8 + 7^3 + 8^0 + 9^2 + 18^1 = 18 + 73 + 80 + 92 + 181 \\
 444 &:= 1^9 + 1^9 + 4^3 + 17^1 + 19^2 = 19 + 19 + 43 + 171 + 192 \\
 444 &:= 1^9 + 2^0 + 6^3 + 15^2 + 19^0 = 19 + 20 + 63 + 152 + 190 \\
 444 &:= 1^9 + 3^0 + 6^3 + 15^2 + 18^0 = 19 + 30 + 63 + 152 + 180 \\
 444 &:= 1^9 + 4^0 + 6^3 + 15^2 + 17^0 = 19 + 40 + 63 + 152 + 170 \\
 444 &:= 1^9 + 4^0 + 9^1 + 12^2 + 17^2 = 19 + 40 + 91 + 122 + 172 \\
 444 &:= 1^9 + 5^0 + 6^3 + 15^2 + 16^0 = 19 + 50 + 63 + 152 + 160 \\
 444 &:= 1^9 + 6^0 + 6^3 + 15^0 + 15^2 = 19 + 60 + 63 + 150 + 152 \\
 444 &:= 1^9 + 6^1 + 6^2 + 10^0 + 20^2 = 19 + 61 + 62 + 100 + 202 \\
 444 &:= 1^9 + 6^3 + 10^0 + 11^0 + 15^2 = 19 + 63 + 100 + 110 + 152 \\
 444 &:= 1^9 + 6^3 + 7^0 + 14^0 + 15^2 = 19 + 63 + 70 + 140 + 152 \\
 444 &:= 1^9 + 6^3 + 8^0 + 13^0 + 15^2 = 19 + 63 + 80 + 130 + 152 \\
 444 &:= 1^9 + 6^3 + 9^0 + 12^0 + 15^2 = 19 + 63 + 90 + 120 + 152 \\
 444 &:= 2^1 + 2^8 + 4^3 + 11^2 + 24^0 = 21 + 28 + 43 + 112 + 240 \\
 444 &:= 2^3 + 2^8 + 10^1 + 13^2 + 16^0 = 23 + 28 + 101 + 132 + 160 \\
 444 &:= 2^4 + 2^6 + 7^3 + 12^0 + 20^1 = 24 + 26 + 73 + 120 + 201
 \end{aligned}$$

$$\begin{aligned}
 444 &:= 2^4 + 2^7 + 10^1 + 12^0 + 17^2 = 24 + 27 + 101 + 120 + 172 \\
 444 &:= 2^6 + 3^2 + 3^4 + 17^2 + 18^0 = 26 + 32 + 34 + 172 + 180 \\
 444 &:= 2^6 + 3^5 + 11^2 + 12^0 + 15^1 = 26 + 35 + 112 + 120 + 151 \\
 444 &:= 2^7 + 3^3 + 12^2 + 12^2 + 14^0 = 27 + 33 + 122 + 122 + 140 \\
 444 &:= 2^7 + 3^4 + 9^1 + 14^0 + 15^2 = 27 + 34 + 91 + 140 + 152 \\
 444 &:= 2^7 + 4^4 + 6^2 + 8^0 + 23^1 = 27 + 44 + 62 + 80 + 231 \\
 444 &:= 2^7 + 4^4 + 7^2 + 10^1 + 20^0 = 27 + 44 + 72 + 101 + 200
 \end{aligned}$$

$$\begin{aligned}
 444 &:= 2^8 + 3^2 + 3^2 + 13^2 + 22^0 = 28 + 32 + 32 + 132 + 220 \\
 444 &:= 2^8 + 3^3 + 10^0 + 12^2 + 16^1 = 28 + 33 + 100 + 122 + 161 \\
 444 &:= 2^8 + 4^0 + 4^3 + 10^2 + 23^1 = 28 + 40 + 43 + 102 + 231 \\
 444 &:= 2^8 + 4^0 + 5^3 + 6^2 + 26^1 = 28 + 40 + 53 + 62 + 261 \\
 444 &:= 2^8 + 5^2 + 9^2 + 9^2 + 18^0 = 28 + 52 + 92 + 92 + 180 \\
 444 &:= 2^8 + 5^3 + 7^2 + 13^1 + 16^0 = 28 + 53 + 72 + 131 + 160
 \end{aligned}$$

2.2.346 Number 445

$$\begin{aligned}
 445 &:= 1^0 + 7^3 + 10^2 + 26^0 = 10 + 73 + 102 + 260 \\
 445 &:= 1^2 + 2^1 + 20^0 + 21^2 = 12 + 21 + 200 + 212 \\
 445 &:= 1^9 + 4^3 + 19^1 + 19^2 = 19 + 43 + 191 + 192 \\
 445 &:= 2^0 + 7^3 + 10^2 + 25^0 = 20 + 73 + 102 + 250 \\
 445 &:= 2^1 + 9^2 + 14^0 + 19^2 = 21 + 92 + 140 + 192 \\
 445 &:= 2^7 + 3^3 + 4^4 + 34^1 = 27 + 33 + 44 + 341 \\
 445 &:= 3^0 + 7^3 + 10^2 + 24^0 = 30 + 73 + 102 + 240 \\
 445 &:= 4^0 + 11^1 + 12^2 + 17^2 = 40 + 111 + 122 + 172 \\
 445 &:= 4^0 + 7^3 + 10^2 + 23^0 = 40 + 73 + 102 + 230 \\
 445 &:= 5^0 + 7^3 + 10^2 + 22^0 = 50 + 73 + 102 + 220 \\
 445 &:= 6^0 + 7^3 + 10^2 + 21^0 = 60 + 73 + 102 + 210 \\
 445 &:= 6^2 + 8^1 + 10^0 + 20^2 = 62 + 81 + 100 + 202 \\
 445 &:= 7^0 + 7^3 + 10^2 + 20^0 = 70 + 73 + 102 + 200 \\
 445 &:= 7^3 + 10^0 + 10^2 + 17^0 = 73 + 100 + 102 + 170 \\
 445 &:= 7^3 + 10^2 + 11^0 + 16^0 = 73 + 102 + 110 + 160 \\
 445 &:= 7^3 + 10^2 + 12^0 + 15^0 = 73 + 102 + 120 + 150 \\
 445 &:= 7^3 + 10^2 + 13^0 + 14^0 = 73 + 102 + 130 + 140 \\
 445 &:= 7^3 + 8^0 + 10^2 + 19^0 = 73 + 80 + 102 + 190 \\
 445 &:= 7^3 + 9^0 + 10^2 + 18^0 = 73 + 90 + 102 + 180 \\
 445 &:= 1^0 + 1^0 + 1^3 + 20^0 + 21^2 = 10 + 10 + 13 + 200 + 212 \\
 445 &:= 1^0 + 1^1 + 1^2 + 20^0 + 21^2 = 10 + 11 + 12 + 200 + 212 \\
 445 &:= 1^0 + 1^1 + 9^2 + 14^0 + 19^2 = 10 + 11 + 92 + 140 + 192 \\
 445 &:= 1^0 + 1^3 + 10^0 + 11^0 + 21^2 = 10 + 13 + 100 + 110 + 212 \\
 445 &:= 1^0 + 1^3 + 2^0 + 19^0 + 21^2 = 10 + 13 + 20 + 190 + 212 \\
 445 &:= 1^0 + 1^3 + 3^0 + 18^0 + 21^2 = 10 + 13 + 30 + 180 + 212 \\
 445 &:= 1^0 + 1^3 + 4^0 + 17^0 + 21^2 = 10 + 13 + 40 + 170 + 212 \\
 445 &:= 1^0 + 1^3 + 5^0 + 16^0 + 21^2 = 10 + 13 + 50 + 160 + 212 \\
 445 &:= 1^0 + 1^3 + 6^0 + 15^0 + 21^2 = 10 + 13 + 60 + 150 + 212
 \end{aligned}$$

$$\begin{aligned}
 445 &:= 1^0 + 1^3 + 7^0 + 14^0 + 21^2 = 10 + 13 + 70 + 140 + 212 \\
 445 &:= 1^0 + 1^3 + 8^0 + 13^0 + 21^2 = 10 + 13 + 80 + 130 + 212 \\
 445 &:= 1^0 + 1^3 + 9^0 + 12^0 + 21^2 = 10 + 13 + 90 + 120 + 212 \\
 445 &:= 1^0 + 1^4 + 1^9 + 19^0 + 21^2 = 10 + 14 + 19 + 190 + 212 \\
 445 &:= 1^0 + 1^5 + 1^8 + 19^0 + 21^2 = 10 + 15 + 18 + 190 + 212 \\
 445 &:= 1^0 + 1^6 + 1^7 + 19^0 + 21^2 = 10 + 16 + 17 + 190 + 212 \\
 445 &:= 1^0 + 1^9 + 3^4 + 19^0 + 19^2 = 10 + 19 + 34 + 190 + 192 \\
 445 &:= 1^0 + 1^9 + 4^3 + 18^1 + 19^2 = 10 + 19 + 43 + 181 + 192 \\
 445 &:= 1^0 + 4^0 + 10^1 + 12^2 + 17^2 = 10 + 40 + 101 + 122 + 172 \\
 445 &:= 1^0 + 6^2 + 7^1 + 10^0 + 20^2 = 10 + 62 + 71 + 100 + 202 \\
 445 &:= 1^1 + 1^1 + 1^1 + 20^0 + 21^2 = 11 + 11 + 11 + 200 + 212 \\
 445 &:= 1^1 + 1^2 + 10^0 + 11^0 + 21^2 = 11 + 12 + 100 + 110 + 212 \\
 445 &:= 1^1 + 1^2 + 2^0 + 19^0 + 21^2 = 11 + 12 + 20 + 190 + 212 \\
 445 &:= 1^1 + 1^2 + 3^0 + 18^0 + 21^2 = 11 + 12 + 30 + 180 + 212 \\
 445 &:= 1^1 + 1^2 + 4^0 + 17^0 + 21^2 = 11 + 12 + 40 + 170 + 212 \\
 445 &:= 1^1 + 1^2 + 5^0 + 16^0 + 21^2 = 11 + 12 + 50 + 160 + 212 \\
 445 &:= 1^1 + 1^2 + 6^0 + 15^0 + 21^2 = 11 + 12 + 60 + 150 + 212 \\
 445 &:= 1^1 + 1^2 + 7^0 + 14^0 + 21^2 = 11 + 12 + 70 + 140 + 212 \\
 445 &:= 1^1 + 1^2 + 8^0 + 13^0 + 21^2 = 11 + 12 + 80 + 130 + 212 \\
 445 &:= 1^1 + 1^2 + 9^0 + 12^0 + 21^2 = 11 + 12 + 90 + 120 + 212 \\
 445 &:= 1^1 + 1^3 + 1^9 + 19^0 + 21^2 = 11 + 13 + 19 + 190 + 212 \\
 445 &:= 1^1 + 1^4 + 1^8 + 19^0 + 21^2 = 11 + 14 + 18 + 190 + 212 \\
 445 &:= 1^1 + 1^5 + 1^7 + 19^0 + 21^2 = 11 + 15 + 17 + 190 + 212 \\
 445 &:= 1^1 + 1^6 + 1^6 + 19^0 + 21^2 = 11 + 16 + 16 + 190 + 212 \\
 445 &:= 1^1 + 1^8 + 3^4 + 19^0 + 19^2 = 11 + 18 + 34 + 190 + 192 \\
 445 &:= 1^1 + 1^8 + 4^3 + 18^1 + 19^2 = 11 + 18 + 43 + 181 + 192 \\
 445 &:= 1^1 + 2^0 + 9^2 + 13^0 + 19^2 = 11 + 20 + 92 + 130 + 192 \\
 445 &:= 1^1 + 3^0 + 9^2 + 12^0 + 19^2 = 11 + 30 + 92 + 120 + 192
 \end{aligned}$$

$$\begin{aligned} 445 &:= 1^1 + 4^0 + 9^2 + 11^0 + 19^2 = 11 + 40 + 92 + 110 + 192 & 445 &:= 1^3 + 4^0 + 6^0 + 12^0 + 21^2 = 13 + 40 + 60 + 120 + 212 \\ 445 &:= 1^1 + 5^0 + 9^2 + 10^0 + 19^2 = 11 + 50 + 92 + 100 + 192 & 445 &:= 1^3 + 4^0 + 7^0 + 11^0 + 21^2 = 13 + 40 + 70 + 110 + 212 \\ 445 &:= 1^1 + 6^0 + 9^0 + 9^2 + 19^2 = 11 + 60 + 90 + 92 + 192 & 445 &:= 1^3 + 4^0 + 8^0 + 10^0 + 21^2 = 13 + 40 + 80 + 100 + 212 \\ 445 &:= 1^1 + 7^0 + 8^0 + 9^2 + 19^2 = 11 + 70 + 80 + 92 + 192 & 445 &:= 1^3 + 4^0 + 9^0 + 9^0 + 21^2 = 13 + 40 + 90 + 90 + 212 \\ 445 &:= 1^2 + 1^2 + 1^9 + 19^0 + 21^2 = 12 + 12 + 19 + 190 + 212 & 445 &:= 1^3 + 5^0 + 5^0 + 12^0 + 21^2 = 13 + 50 + 50 + 120 + 212 \\ 445 &:= 1^2 + 1^3 + 1^8 + 19^0 + 21^2 = 12 + 13 + 18 + 190 + 212 & 445 &:= 1^3 + 5^0 + 6^0 + 11^0 + 21^2 = 13 + 50 + 60 + 110 + 212 \\ 445 &:= 1^2 + 1^4 + 1^7 + 19^0 + 21^2 = 12 + 14 + 17 + 190 + 212 & 445 &:= 1^3 + 5^0 + 7^0 + 10^0 + 21^2 = 13 + 50 + 70 + 100 + 212 \\ 445 &:= 1^2 + 1^5 + 1^6 + 19^0 + 21^2 = 12 + 15 + 16 + 190 + 212 & 445 &:= 1^3 + 5^0 + 8^0 + 9^0 + 21^2 = 13 + 50 + 80 + 90 + 212 \\ 445 &:= 1^2 + 1^7 + 3^4 + 19^0 + 19^2 = 12 + 17 + 34 + 190 + 192 & 445 &:= 1^3 + 6^0 + 6^0 + 10^0 + 21^2 = 13 + 60 + 60 + 100 + 212 \\ 445 &:= 1^2 + 1^7 + 4^3 + 18^1 + 19^2 = 12 + 17 + 43 + 181 + 192 & 445 &:= 1^3 + 6^0 + 7^0 + 9^0 + 21^2 = 13 + 60 + 70 + 90 + 212 \\ 445 &:= 1^2 + 1^9 + 9^2 + 13^0 + 19^2 = 12 + 19 + 92 + 130 + 192 & 445 &:= 1^3 + 6^0 + 8^0 + 8^0 + 21^2 = 13 + 60 + 80 + 80 + 212 \\ 445 &:= 1^2 + 2^5 + 2^5 + 19^1 + 19^2 = 12 + 25 + 25 + 191 + 192 & 445 &:= 1^3 + 7^0 + 7^0 + 8^0 + 21^2 = 13 + 70 + 70 + 80 + 212 \\ 445 &:= 1^2 + 2^5 + 3^5 + 12^2 + 25^1 = 12 + 25 + 35 + 122 + 251 & 445 &:= 1^4 + 1^4 + 1^5 + 19^0 + 21^2 = 14 + 14 + 15 + 190 + 212 \\ 445 &:= 1^2 + 2^7 + 5^3 + 13^2 + 22^1 = 12 + 27 + 53 + 132 + 221 & 445 &:= 1^4 + 1^5 + 3^4 + 19^0 + 19^2 = 14 + 15 + 34 + 190 + 192 \\ 445 &:= 1^3 + 1^3 + 1^7 + 19^0 + 21^2 = 13 + 13 + 17 + 190 + 212 & 445 &:= 1^4 + 1^5 + 4^3 + 18^1 + 19^2 = 14 + 15 + 43 + 181 + 192 \\ 445 &:= 1^3 + 1^4 + 1^6 + 19^0 + 21^2 = 13 + 14 + 16 + 190 + 212 & 445 &:= 1^4 + 1^7 + 9^2 + 13^0 + 19^2 = 14 + 17 + 92 + 130 + 192 \\ 445 &:= 1^3 + 1^5 + 1^5 + 19^0 + 21^2 = 13 + 15 + 15 + 190 + 212 & 445 &:= 1^4 + 1^9 + 10^0 + 10^0 + 21^2 = 14 + 19 + 100 + 100 + 212 \\ 445 &:= 1^3 + 1^6 + 3^4 + 19^0 + 19^2 = 13 + 16 + 34 + 190 + 192 & 445 &:= 1^4 + 1^9 + 2^0 + 18^0 + 21^2 = 14 + 19 + 20 + 180 + 212 \\ 445 &:= 1^3 + 1^6 + 4^3 + 18^1 + 19^2 = 13 + 16 + 43 + 181 + 192 & 445 &:= 1^4 + 1^9 + 3^0 + 17^0 + 21^2 = 14 + 19 + 30 + 170 + 212 \\ 445 &:= 1^3 + 1^8 + 9^2 + 13^0 + 19^2 = 13 + 18 + 92 + 130 + 192 & 445 &:= 1^4 + 1^9 + 4^0 + 16^0 + 21^2 = 14 + 19 + 40 + 160 + 212 \\ 445 &:= 1^3 + 2^0 + 10^0 + 10^0 + 21^2 = 13 + 20 + 100 + 100 + 212 & 445 &:= 1^4 + 1^9 + 5^0 + 15^0 + 21^2 = 14 + 19 + 50 + 150 + 212 \\ 445 &:= 1^3 + 2^0 + 2^0 + 18^0 + 21^2 = 13 + 20 + 20 + 180 + 212 & 445 &:= 1^4 + 1^9 + 6^0 + 14^0 + 21^2 = 14 + 19 + 60 + 140 + 212 \\ 445 &:= 1^3 + 2^0 + 3^0 + 17^0 + 21^2 = 13 + 20 + 30 + 170 + 212 & 445 &:= 1^4 + 1^9 + 7^0 + 13^0 + 21^2 = 14 + 19 + 70 + 130 + 212 \\ 445 &:= 1^3 + 2^0 + 4^0 + 16^0 + 21^2 = 13 + 20 + 40 + 160 + 212 & 445 &:= 1^4 + 1^9 + 8^0 + 12^0 + 21^2 = 14 + 19 + 80 + 120 + 212 \\ 445 &:= 1^3 + 2^0 + 5^0 + 15^0 + 21^2 = 13 + 20 + 50 + 150 + 212 & 445 &:= 1^4 + 1^9 + 9^0 + 11^0 + 21^2 = 14 + 19 + 90 + 110 + 212 \\ 445 &:= 1^3 + 2^0 + 6^0 + 14^0 + 21^2 = 13 + 20 + 60 + 140 + 212 & 445 &:= 1^4 + 2^3 + 3^5 + 13^2 + 24^1 = 14 + 23 + 35 + 132 + 241 \\ 445 &:= 1^3 + 2^0 + 7^0 + 13^0 + 21^2 = 13 + 20 + 70 + 130 + 212 & 445 &:= 1^4 + 2^6 + 6^2 + 7^3 + 27^0 = 14 + 26 + 62 + 73 + 270 \\ 445 &:= 1^3 + 2^0 + 8^0 + 12^0 + 21^2 = 13 + 20 + 80 + 120 + 212 & 445 &:= 1^4 + 2^8 + 9^0 + 13^2 + 18^1 = 14 + 28 + 90 + 132 + 181 \\ 445 &:= 1^3 + 2^0 + 9^0 + 11^0 + 21^2 = 13 + 20 + 90 + 110 + 212 & 445 &:= 1^4 + 3^4 + 4^4 + 9^2 + 26^1 = 14 + 34 + 44 + 92 + 261 \\ 445 &:= 1^3 + 3^0 + 3^0 + 16^0 + 21^2 = 13 + 30 + 30 + 160 + 212 & 445 &:= 1^4 + 3^5 + 5^3 + 7^2 + 27^1 = 14 + 35 + 53 + 72 + 271 \\ 445 &:= 1^3 + 3^0 + 4^0 + 15^0 + 21^2 = 13 + 30 + 40 + 150 + 212 & 445 &:= 1^5 + 1^6 + 9^2 + 13^0 + 19^2 = 15 + 16 + 92 + 130 + 192 \\ 445 &:= 1^3 + 3^0 + 5^0 + 14^0 + 21^2 = 13 + 30 + 50 + 140 + 212 & 445 &:= 1^5 + 1^8 + 10^0 + 10^0 + 21^2 = 15 + 18 + 100 + 100 + 212 \\ 445 &:= 1^3 + 3^0 + 6^0 + 13^0 + 21^2 = 13 + 30 + 60 + 130 + 212 & 445 &:= 1^5 + 1^8 + 2^0 + 18^0 + 21^2 = 15 + 18 + 20 + 180 + 212 \\ 445 &:= 1^3 + 3^0 + 7^0 + 12^0 + 21^2 = 13 + 30 + 70 + 120 + 212 & 445 &:= 1^5 + 1^8 + 3^0 + 17^0 + 21^2 = 15 + 18 + 30 + 170 + 212 \\ 445 &:= 1^3 + 3^0 + 8^0 + 11^0 + 21^2 = 13 + 30 + 80 + 110 + 212 & 445 &:= 1^5 + 1^8 + 4^0 + 16^0 + 21^2 = 15 + 18 + 40 + 160 + 212 \\ 445 &:= 1^3 + 3^0 + 9^0 + 10^0 + 21^2 = 13 + 30 + 90 + 100 + 212 & 445 &:= 1^5 + 1^8 + 5^0 + 15^0 + 21^2 = 15 + 18 + 50 + 150 + 212 \\ 445 &:= 1^3 + 4^0 + 4^0 + 14^0 + 21^2 = 13 + 40 + 40 + 140 + 212 & 445 &:= 1^5 + 1^8 + 6^0 + 14^0 + 21^2 = 15 + 18 + 60 + 140 + 212 \\ 445 &:= 1^3 + 4^0 + 5^0 + 13^0 + 21^2 = 13 + 40 + 50 + 130 + 212 & 445 &:= 1^5 + 1^8 + 7^0 + 13^0 + 21^2 = 15 + 18 + 70 + 130 + 212 \end{aligned}$$

$$\begin{aligned} 445 &:= 1^5 + 1^8 + 8^0 + 12^0 + 21^2 = 15 + 18 + 80 + 120 + 212 & 445 &:= 1^7 + 5^3 + 7^2 + 14^1 + 16^2 = 17 + 53 + 72 + 141 + 162 \\ 445 &:= 1^5 + 1^8 + 9^0 + 11^0 + 21^2 = 15 + 18 + 90 + 110 + 212 & 445 &:= 1^7 + 5^3 + 9^2 + 13^1 + 15^2 = 17 + 53 + 92 + 131 + 152 \\ 445 &:= 1^5 + 1^9 + 1^9 + 18^0 + 21^2 = 15 + 19 + 19 + 180 + 212 & 445 &:= 1^7 + 9^2 + 11^2 + 11^2 + 11^2 = 17 + 92 + 112 + 112 + 112 \\ 445 &:= 1^5 + 2^5 + 12^1 + 12^2 + 16^2 = 15 + 25 + 121 + 122 + 162 & 445 &:= 1^8 + 2^1 + 4^3 + 17^1 + 19^2 = 18 + 21 + 43 + 171 + 192 \\ 445 &:= 1^5 + 2^5 + 6^2 + 15^1 + 19^2 = 15 + 25 + 62 + 151 + 192 & 445 &:= 1^8 + 2^2 + 5^2 + 15^1 + 20^2 = 18 + 22 + 52 + 151 + 202 \\ 445 &:= 1^5 + 3^2 + 3^5 + 13^2 + 23^1 = 15 + 32 + 35 + 132 + 231 & 445 &:= 1^8 + 3^1 + 4^3 + 16^1 + 19^2 = 18 + 31 + 43 + 161 + 192 \\ 445 &:= 1^5 + 3^5 + 6^2 + 12^2 + 21^1 = 15 + 35 + 62 + 122 + 211 & 445 &:= 1^8 + 3^2 + 10^1 + 13^2 + 16^2 = 18 + 32 + 101 + 132 + 162 \\ 445 &:= 1^5 + 3^5 + 9^2 + 10^2 + 20^1 = 15 + 35 + 92 + 102 + 201 & 445 &:= 1^8 + 3^2 + 10^2 + 11^1 + 18^2 = 18 + 32 + 102 + 111 + 182 \\ 445 &:= 1^5 + 4^3 + 4^4 + 10^2 + 24^1 = 15 + 43 + 44 + 102 + 241 & 445 &:= 1^8 + 3^3 + 4^2 + 15^0 + 20^2 = 18 + 33 + 42 + 150 + 202 \\ 445 &:= 1^5 + 4^4 + 5^3 + 6^2 + 27^1 = 15 + 44 + 53 + 62 + 271 & 445 &:= 1^8 + 4^1 + 4^3 + 15^1 + 19^2 = 18 + 41 + 43 + 151 + 192 \\ 445 &:= 1^6 + 1^7 + 10^0 + 10^0 + 21^2 = 16 + 17 + 100 + 100 + 212 & 445 &:= 1^8 + 4^3 + 5^1 + 14^1 + 19^2 = 18 + 43 + 51 + 141 + 192 \\ 445 &:= 1^6 + 1^7 + 2^0 + 18^0 + 21^2 = 16 + 17 + 20 + 180 + 212 & 445 &:= 1^8 + 4^3 + 6^1 + 13^1 + 19^2 = 18 + 43 + 61 + 131 + 192 \\ 445 &:= 1^6 + 1^7 + 3^0 + 17^0 + 21^2 = 16 + 17 + 30 + 170 + 212 & 445 &:= 1^8 + 4^3 + 7^1 + 12^1 + 19^2 = 18 + 43 + 71 + 121 + 192 \\ 445 &:= 1^6 + 1^7 + 4^0 + 16^0 + 21^2 = 16 + 17 + 40 + 160 + 212 & 445 &:= 1^8 + 4^3 + 8^1 + 11^1 + 19^2 = 18 + 43 + 81 + 111 + 192 \\ 445 &:= 1^6 + 1^7 + 5^0 + 15^0 + 21^2 = 16 + 17 + 50 + 150 + 212 & 445 &:= 1^8 + 4^3 + 9^1 + 10^1 + 19^2 = 18 + 43 + 91 + 101 + 192 \\ 445 &:= 1^6 + 1^7 + 6^0 + 14^0 + 21^2 = 16 + 17 + 60 + 140 + 212 & 445 &:= 1^8 + 4^4 + 7^0 + 13^2 + 18^1 = 18 + 44 + 70 + 132 + 181 \\ 445 &:= 1^6 + 1^7 + 7^0 + 13^0 + 21^2 = 16 + 17 + 70 + 130 + 212 & 445 &:= 1^8 + 5^2 + 9^1 + 11^2 + 17^2 = 18 + 52 + 91 + 112 + 172 \\ 445 &:= 1^6 + 1^7 + 8^0 + 12^0 + 21^2 = 16 + 17 + 80 + 120 + 212 & 445 &:= 1^8 + 6^1 + 10^2 + 13^2 + 13^2 = 18 + 61 + 102 + 132 + 132 \\ 445 &:= 1^6 + 1^7 + 9^0 + 11^0 + 21^2 = 16 + 17 + 90 + 110 + 212 & 445 &:= 1^8 + 6^1 + 11^2 + 11^2 + 14^2 = 18 + 61 + 112 + 112 + 142 \\ 445 &:= 1^6 + 1^8 + 1^9 + 18^0 + 21^2 = 16 + 18 + 19 + 180 + 212 & 445 &:= 1^8 + 6^2 + 6^2 + 11^1 + 19^2 = 18 + 62 + 62 + 111 + 192 \\ 445 &:= 1^6 + 2^2 + 3^5 + 14^2 + 23^0 = 16 + 22 + 35 + 142 + 230 & 445 &:= 1^8 + 6^2 + 7^3 + 8^2 + 21^0 = 18 + 62 + 73 + 82 + 210 \\ 445 &:= 1^6 + 2^4 + 3^3 + 17^0 + 20^2 = 16 + 24 + 33 + 170 + 202 & 445 &:= 1^8 + 6^2 + 8^1 + 12^2 + 16^2 = 18 + 62 + 81 + 122 + 162 \\ 445 &:= 1^6 + 2^6 + 3^0 + 18^1 + 19^2 = 16 + 26 + 30 + 181 + 192 & 445 &:= 1^8 + 6^3 + 6^3 + 11^1 + 19^0 = 18 + 63 + 63 + 111 + 190 \\ 445 &:= 1^6 + 3^3 + 7^2 + 7^3 + 25^1 = 16 + 33 + 72 + 73 + 251 & 445 &:= 1^8 + 7^1 + 9^2 + 10^2 + 16^2 = 18 + 71 + 92 + 102 + 162 \\ 445 &:= 1^6 + 3^5 + 10^2 + 10^2 + 19^0 = 16 + 35 + 102 + 102 + 190 & 445 &:= 1^9 + 2^0 + 3^4 + 18^0 + 19^2 = 19 + 20 + 34 + 180 + 192 \\ 445 &:= 1^6 + 4^3 + 6^3 + 12^2 + 20^1 = 16 + 43 + 63 + 122 + 201 & 445 &:= 1^9 + 2^1 + 6^3 + 15^2 + 19^0 = 19 + 21 + 63 + 152 + 190 \\ 445 &:= 1^6 + 5^3 + 6^3 + 9^2 + 22^1 = 16 + 53 + 63 + 92 + 221 & 445 &:= 1^9 + 3^0 + 3^3 + 16^1 + 20^2 = 19 + 30 + 33 + 161 + 202 \\ 445 &:= 1^7 + 1^7 + 1^9 + 18^0 + 21^2 = 17 + 17 + 19 + 180 + 212 & 445 &:= 1^9 + 3^0 + 3^4 + 17^0 + 19^2 = 19 + 30 + 34 + 170 + 192 \\ 445 &:= 1^7 + 1^8 + 1^8 + 18^0 + 21^2 = 17 + 18 + 18 + 180 + 212 & 445 &:= 1^9 + 3^4 + 10^0 + 10^0 + 19^2 = 19 + 34 + 100 + 100 + 192 \\ 445 &:= 1^7 + 10^2 + 10^2 + 10^2 + 12^2 = 17 + 102 + 102 + 102 + 122 & 445 &:= 1^9 + 3^4 + 4^0 + 16^0 + 19^2 = 19 + 34 + 40 + 160 + 192 \\ 445 &:= 1^7 + 2^3 + 10^2 + 12^1 + 18^2 = 17 + 23 + 102 + 121 + 182 & 445 &:= 1^9 + 3^4 + 5^0 + 15^0 + 19^2 = 19 + 34 + 50 + 150 + 192 \\ 445 &:= 1^7 + 2^3 + 11^1 + 13^2 + 16^2 = 17 + 23 + 111 + 132 + 162 & 445 &:= 1^9 + 3^4 + 6^0 + 14^0 + 19^2 = 19 + 34 + 60 + 140 + 192 \\ 445 &:= 1^7 + 2^5 + 9^0 + 11^1 + 20^2 = 17 + 25 + 90 + 111 + 202 & 445 &:= 1^9 + 3^4 + 7^0 + 13^0 + 19^2 = 19 + 34 + 70 + 130 + 192 \\ 445 &:= 1^7 + 3^3 + 9^2 + 12^1 + 18^2 = 17 + 33 + 92 + 121 + 182 & 445 &:= 1^9 + 3^4 + 8^0 + 12^0 + 19^2 = 19 + 34 + 80 + 120 + 192 \\ 445 &:= 1^7 + 3^4 + 7^3 + 13^0 + 19^1 = 17 + 34 + 73 + 130 + 191 & 445 &:= 1^9 + 3^4 + 9^0 + 11^0 + 19^2 = 19 + 34 + 90 + 110 + 192 \\ 445 &:= 1^7 + 3^5 + 4^1 + 14^2 + 21^0 = 17 + 35 + 41 + 142 + 210 & 445 &:= 1^9 + 7^0 + 7^2 + 13^2 + 15^2 = 19 + 70 + 72 + 132 + 152 \\ 445 &:= 1^7 + 4^3 + 11^1 + 12^2 + 15^2 = 17 + 43 + 111 + 122 + 152 & 445 &:= 1^9 + 7^0 + 7^3 + 9^2 + 19^1 = 19 + 70 + 73 + 92 + 191 \\ 445 &:= 1^7 + 4^3 + 6^2 + 7^3 + 25^0 = 17 + 43 + 62 + 73 + 250 & 445 &:= 2^0 + 3^0 + 10^1 + 12^2 + 17^2 = 20 + 30 + 101 + 122 + 172 \end{aligned}$$

$$\begin{aligned}
 445 &:= 2^0 + 6^2 + 7^1 + 9^0 + 20^2 = 20 + 62 + 71 + 90 + 202 \\
 445 &:= 2^2 + 2^8 + 8^2 + 10^2 + 21^1 = 22 + 28 + 82 + 102 + 211 \\
 445 &:= 2^3 + 2^7 + 6^2 + 16^2 + 17^1 = 23 + 27 + 62 + 162 + 171 \\
 445 &:= 2^3 + 2^8 + 6^2 + 12^2 + 21^0 = 23 + 28 + 62 + 122 + 210 \\
 445 &:= 2^4 + 2^4 + 3^5 + 13^2 + 23^0 = 24 + 24 + 35 + 132 + 230 \\
 445 &:= 2^4 + 2^6 + 5^2 + 16^1 + 18^2 = 24 + 26 + 52 + 161 + 182 \\
 445 &:= 2^4 + 2^8 + 3^1 + 13^2 + 23^0 = 24 + 28 + 31 + 132 + 230 \\
 445 &:= 2^5 + 2^5 + 12^1 + 12^2 + 15^2 = 25 + 25 + 121 + 122 + 152 \\
 445 &:= 2^5 + 2^6 + 5^1 + 7^3 + 27^0 = 25 + 26 + 51 + 73 + 270 \\
 445 &:= 2^5 + 3^5 + 7^2 + 10^2 + 21^1 = 25 + 35 + 72 + 102 + 211 \\
 445 &:= 2^6 + 3^5 + 4^2 + 11^2 + 23^0 = 26 + 35 + 42 + 112 + 230 \\
 445 &:= 2^6 + 3^5 + 5^3 + 12^1 + 21^0 = 26 + 35 + 53 + 121 + 210 \\
 445 &:= 2^7 + 3^2 + 4^3 + 15^2 + 19^1 = 27 + 32 + 43 + 152 + 191 \\
 445 &:= 2^7 + 3^3 + 4^2 + 16^2 + 18^1 = 27 + 33 + 42 + 162 + 181
 \end{aligned}$$

$$\begin{aligned}
 445 &:= 2^7 + 3^3 + 4^3 + 15^2 + 19^0 = 27 + 33 + 43 + 152 + 190 \\
 445 &:= 2^7 + 3^3 + 7^2 + 15^2 + 16^1 = 27 + 33 + 72 + 152 + 161 \\
 445 &:= 2^7 + 3^4 + 6^3 + 13^0 + 19^1 = 27 + 34 + 63 + 130 + 191 \\
 445 &:= 2^7 + 3^5 + 7^0 + 7^2 + 24^1 = 27 + 35 + 70 + 72 + 241 \\
 445 &:= 2^7 + 3^5 + 8^2 + 9^1 + 21^0 = 27 + 35 + 82 + 91 + 210 \\
 445 &:= 2^7 + 4^3 + 6^2 + 6^3 + 25^0 = 27 + 43 + 62 + 63 + 250 \\
 445 &:= 2^8 + 3^0 + 3^4 + 9^2 + 26^1 = 28 + 30 + 34 + 92 + 261 \\
 445 &:= 2^8 + 3^4 + 7^1 + 10^2 + 21^0 = 28 + 34 + 71 + 102 + 210 \\
 445 &:= 2^8 + 5^2 + 8^2 + 9^2 + 19^1 = 28 + 52 + 82 + 92 + 191 \\
 445 &:= 3^0 + 6^2 + 7^1 + 8^0 + 20^2 = 30 + 62 + 71 + 80 + 202 \\
 445 &:= 4^0 + 6^2 + 7^0 + 7^1 + 20^2 = 40 + 62 + 70 + 71 + 202 \\
 445 &:= 5^0 + 6^0 + 6^2 + 7^1 + 20^2 = 50 + 60 + 62 + 71 + 202
 \end{aligned}$$

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$$\begin{aligned}
 446 &:= 4^3 + 19^2 + 21^1 = 43 + 192 + 211 \\
 446 &:= 1^0 + 4^3 + 19^2 + 20^1 = 10 + 43 + 192 + 201 \\
 446 &:= 1^3 + 3^1 + 19^0 + 21^2 = 13 + 31 + 190 + 212 \\
 446 &:= 2^1 + 7^3 + 10^2 + 25^0 = 21 + 73 + 102 + 250 \\
 446 &:= 3^0 + 3^3 + 18^1 + 20^2 = 30 + 33 + 181 + 202 \\
 446 &:= 3^2 + 6^2 + 15^0 + 20^2 = 32 + 62 + 150 + 202 \\
 446 &:= 4^1 + 6^3 + 15^2 + 19^0 = 41 + 63 + 152 + 190 \\
 446 &:= 7^0 + 7^3 + 9^2 + 21^1 = 70 + 73 + 92 + 211 \\
 446 &:= 1^0 + 1^0 + 4^3 + 19^1 + 19^2 = 10 + 10 + 43 + 191 + 192 \\
 446 &:= 1^0 + 1^1 + 7^3 + 10^2 + 25^0 = 10 + 11 + 73 + 102 + 250 \\
 446 &:= 1^0 + 1^3 + 2^1 + 19^0 + 21^2 = 10 + 13 + 21 + 190 + 212 \\
 446 &:= 1^0 + 3^0 + 3^3 + 17^1 + 20^2 = 10 + 30 + 33 + 171 + 202 \\
 446 &:= 1^0 + 3^1 + 6^3 + 15^2 + 19^0 = 10 + 31 + 63 + 152 + 190 \\
 446 &:= 1^0 + 7^0 + 7^3 + 9^2 + 20^1 = 10 + 70 + 73 + 92 + 201 \\
 446 &:= 1^1 + 1^2 + 2^1 + 19^0 + 21^2 = 11 + 12 + 21 + 190 + 212 \\
 446 &:= 1^1 + 2^0 + 7^3 + 10^2 + 24^0 = 11 + 20 + 73 + 102 + 240 \\
 446 &:= 1^1 + 2^1 + 9^2 + 13^0 + 19^2 = 11 + 21 + 92 + 130 + 192 \\
 446 &:= 1^1 + 3^0 + 11^1 + 12^2 + 17^2 = 11 + 30 + 111 + 122 + 172 \\
 446 &:= 1^1 + 3^0 + 7^3 + 10^2 + 23^0 = 11 + 30 + 73 + 102 + 230 \\
 446 &:= 1^1 + 4^0 + 7^3 + 10^2 + 22^0 = 11 + 40 + 73 + 102 + 220 \\
 446 &:= 1^1 + 5^0 + 7^3 + 10^2 + 21^0 = 11 + 50 + 73 + 102 + 210 \\
 446 &:= 1^1 + 6^0 + 7^3 + 10^2 + 20^0 = 11 + 60 + 73 + 102 + 200
 \end{aligned}$$

$$\begin{aligned}
 446 &:= 1^1 + 6^2 + 8^1 + 9^0 + 20^2 = 11 + 62 + 81 + 90 + 202 \\
 446 &:= 1^1 + 7^0 + 7^3 + 10^2 + 19^0 = 11 + 70 + 73 + 102 + 190 \\
 446 &:= 1^1 + 7^3 + 10^0 + 10^2 + 16^0 = 11 + 73 + 100 + 102 + 160 \\
 446 &:= 1^1 + 7^3 + 10^2 + 11^0 + 15^0 = 11 + 73 + 102 + 110 + 150 \\
 446 &:= 1^1 + 7^3 + 10^2 + 12^0 + 14^0 = 11 + 73 + 102 + 120 + 140 \\
 446 &:= 1^1 + 7^3 + 10^2 + 13^0 + 13^0 = 11 + 73 + 102 + 130 + 130 \\
 446 &:= 1^1 + 7^3 + 8^0 + 10^2 + 18^0 = 11 + 73 + 80 + 102 + 180 \\
 446 &:= 1^1 + 7^3 + 9^0 + 10^2 + 17^0 = 11 + 73 + 90 + 102 + 170 \\
 446 &:= 1^2 + 1^9 + 7^3 + 10^2 + 24^0 = 12 + 19 + 73 + 102 + 240 \\
 446 &:= 1^3 + 1^8 + 7^3 + 10^2 + 24^0 = 13 + 18 + 73 + 102 + 240 \\
 446 &:= 1^3 + 2^0 + 2^1 + 18^0 + 21^2 = 13 + 20 + 21 + 180 + 212 \\
 446 &:= 1^3 + 2^1 + 10^0 + 10^0 + 21^2 = 13 + 21 + 100 + 100 + 212 \\
 446 &:= 1^3 + 2^1 + 3^0 + 17^0 + 21^2 = 13 + 21 + 30 + 170 + 212 \\
 446 &:= 1^3 + 2^1 + 4^0 + 16^0 + 21^2 = 13 + 21 + 40 + 160 + 212 \\
 446 &:= 1^3 + 2^1 + 5^0 + 15^0 + 21^2 = 13 + 21 + 50 + 150 + 212 \\
 446 &:= 1^3 + 2^1 + 6^0 + 14^0 + 21^2 = 13 + 21 + 60 + 140 + 212 \\
 446 &:= 1^3 + 2^1 + 7^0 + 13^0 + 21^2 = 13 + 21 + 70 + 130 + 212 \\
 446 &:= 1^3 + 2^1 + 8^0 + 12^0 + 21^2 = 13 + 21 + 80 + 120 + 212 \\
 446 &:= 1^3 + 2^1 + 9^0 + 11^0 + 21^2 = 13 + 21 + 90 + 110 + 212 \\
 446 &:= 1^4 + 1^7 + 7^3 + 10^2 + 24^0 = 14 + 17 + 73 + 102 + 240 \\
 446 &:= 1^4 + 1^9 + 2^1 + 18^0 + 21^2 = 14 + 19 + 21 + 180 + 212 \\
 446 &:= 1^4 + 2^5 + 3^5 + 13^2 + 24^0 = 14 + 25 + 35 + 132 + 240
 \end{aligned}$$

$$\begin{aligned}
 446 &:= 1^4 + 2^7 + 3^3 + 17^2 + 20^0 = 14 + 27 + 33 + 172 + 200 \\
 446 &:= 1^4 + 2^7 + 6^3 + 10^2 + 24^0 = 14 + 27 + 63 + 102 + 240 \\
 446 &:= 1^5 + 1^6 + 7^3 + 10^2 + 24^0 = 15 + 16 + 73 + 102 + 240 \\
 446 &:= 1^5 + 1^8 + 2^1 + 18^0 + 21^2 = 15 + 18 + 21 + 180 + 212 \\
 446 &:= 1^5 + 2^8 + 8^0 + 13^2 + 19^1 = 15 + 28 + 80 + 132 + 191 \\
 446 &:= 1^6 + 1^7 + 2^1 + 18^0 + 21^2 = 16 + 17 + 21 + 180 + 212 \\
 446 &:= 1^6 + 2^5 + 6^3 + 14^2 + 20^0 = 16 + 25 + 63 + 142 + 200 \\
 446 &:= 1^7 + 2^0 + 2^6 + 19^1 + 19^2 = 17 + 20 + 26 + 191 + 192 \\
 446 &:= 1^8 + 1^9 + 2^6 + 19^1 + 19^2 = 18 + 19 + 26 + 191 + 192 \\
 446 &:= 1^8 + 2^5 + 8^0 + 12^1 + 20^2 = 18 + 25 + 80 + 121 + 202 \\
 446 &:= 1^8 + 3^4 + 7^3 + 12^0 + 20^1 = 18 + 34 + 73 + 120 + 201 \\
 446 &:= 1^8 + 3^5 + 5^1 + 14^2 + 20^0 = 18 + 35 + 51 + 142 + 200 \\
 446 &:= 1^9 + 2^1 + 3^4 + 18^0 + 19^2 = 19 + 21 + 34 + 180 + 192 \\
 446 &:= 1^9 + 2^3 + 6^2 + 14^0 + 20^2 = 19 + 23 + 62 + 140 + 202 \\
 446 &:= 1^9 + 4^4 + 6^0 + 13^2 + 19^1 = 19 + 44 + 60 + 132 + 191 \\
 446 &:= 1^9 + 6^3 + 6^3 + 12^1 + 18^0 = 19 + 63 + 63 + 121 + 180 \\
 446 &:= 2^0 + 2^0 + 3^3 + 17^1 + 20^2 = 20 + 20 + 33 + 171 + 202 \\
 446 &:= 2^0 + 3^1 + 6^3 + 15^2 + 18^0 = 20 + 31 + 63 + 152 + 180 \\
 446 &:= 2^0 + 6^0 + 7^3 + 9^2 + 20^1 = 20 + 60 + 73 + 92 + 201 \\
 446 &:= 2^1 + 3^0 + 10^1 + 12^2 + 17^2 = 21 + 30 + 101 + 122 + 172 \\
 446 &:= 2^1 + 6^2 + 7^1 + 9^0 + 20^2 = 21 + 62 + 71 + 90 + 202 \\
 446 &:= 2^2 + 2^4 + 2^8 + 13^2 + 24^0 = 22 + 24 + 28 + 132 + 240
 \end{aligned}$$

$$\begin{aligned}
 446 &:= 2^5 + 2^8 + 12^2 + 13^1 + 14^0 = 25 + 28 + 122 + 131 + 140 \\
 446 &:= 2^6 + 2^6 + 11^2 + 14^0 + 14^2 = 26 + 26 + 112 + 140 + 142 \\
 446 &:= 2^7 + 3^5 + 4^3 + 10^1 + 24^0 = 27 + 35 + 43 + 101 + 240 \\
 446 &:= 2^7 + 3^5 + 5^2 + 7^2 + 26^0 = 27 + 35 + 52 + 72 + 260 \\
 446 &:= 3^0 + 3^1 + 6^3 + 15^2 + 17^0 = 30 + 31 + 63 + 152 + 170 \\
 446 &:= 3^0 + 3^1 + 9^1 + 12^2 + 17^2 = 30 + 31 + 91 + 122 + 172 \\
 446 &:= 3^0 + 4^1 + 8^1 + 12^2 + 17^2 = 30 + 41 + 81 + 122 + 172 \\
 446 &:= 3^0 + 5^0 + 7^3 + 9^2 + 20^1 = 30 + 50 + 73 + 92 + 201 \\
 446 &:= 3^0 + 5^1 + 7^1 + 12^2 + 17^2 = 30 + 51 + 71 + 122 + 172 \\
 446 &:= 3^0 + 6^1 + 6^1 + 12^2 + 17^2 = 30 + 61 + 61 + 122 + 172 \\
 446 &:= 3^1 + 4^0 + 6^3 + 15^2 + 16^0 = 31 + 40 + 63 + 152 + 160 \\
 446 &:= 3^1 + 5^0 + 6^3 + 15^0 + 15^2 = 31 + 50 + 63 + 150 + 152 \\
 446 &:= 3^1 + 6^0 + 6^3 + 14^0 + 15^2 = 31 + 60 + 63 + 140 + 152 \\
 446 &:= 3^1 + 6^1 + 6^2 + 9^0 + 20^2 = 31 + 61 + 62 + 90 + 202 \\
 446 &:= 3^1 + 6^3 + 10^0 + 10^0 + 15^2 = 31 + 63 + 100 + 100 + 152 \\
 446 &:= 3^1 + 6^3 + 7^0 + 13^0 + 15^2 = 31 + 63 + 70 + 130 + 152 \\
 446 &:= 3^1 + 6^3 + 8^0 + 12^0 + 15^2 = 31 + 63 + 80 + 120 + 152 \\
 446 &:= 3^1 + 6^3 + 9^0 + 11^0 + 15^2 = 31 + 63 + 90 + 110 + 152 \\
 446 &:= 4^0 + 4^0 + 7^3 + 9^2 + 20^1 = 40 + 40 + 73 + 92 + 201 \\
 446 &:= 4^1 + 5^1 + 6^2 + 9^0 + 20^2 = 41 + 51 + 62 + 90 + 202
 \end{aligned}$$

2.2.348 Number 447

$$\begin{aligned}
 447 &:= 1^3 + 11^2 + 14^0 + 18^2 = 13 + 112 + 140 + 182 \\
 447 &:= 1^3 + 2^2 + 20^0 + 21^2 = 13 + 22 + 200 + 212 \\
 447 &:= 1^4 + 4^1 + 18^0 + 21^2 = 14 + 41 + 180 + 212 \\
 447 &:= 1^8 + 2^6 + 19^2 + 21^1 = 18 + 26 + 192 + 211 \\
 447 &:= 2^5 + 2^8 + 5^3 + 34^1 = 25 + 28 + 53 + 341 \\
 447 &:= 3^4 + 4^1 + 18^0 + 19^2 = 34 + 41 + 180 + 192 \\
 447 &:= 4^4 + 6^0 + 13^2 + 21^1 = 44 + 60 + 132 + 211 \\
 447 &:= 6^3 + 6^3 + 14^1 + 18^0 = 63 + 63 + 141 + 180 \\
 447 &:= 1^0 + 1^4 + 3^1 + 18^0 + 21^2 = 10 + 14 + 31 + 180 + 212 \\
 447 &:= 1^0 + 1^8 + 2^6 + 19^2 + 20^1 = 10 + 18 + 26 + 192 + 201 \\
 447 &:= 1^0 + 2^2 + 6^3 + 15^2 + 20^0 = 10 + 22 + 63 + 152 + 200 \\
 447 &:= 1^0 + 3^1 + 3^4 + 18^0 + 19^2 = 10 + 31 + 34 + 180 + 192 \\
 447 &:= 1^0 + 4^4 + 6^0 + 13^2 + 20^1 = 10 + 44 + 60 + 132 + 201 \\
 447 &:= 1^0 + 5^3 + 8^2 + 14^0 + 16^2 = 10 + 53 + 82 + 140 + 162
 \end{aligned}$$

$$\begin{aligned}
 447 &:= 1^0 + 6^3 + 6^3 + 13^1 + 18^0 = 10 + 63 + 63 + 131 + 180 \\
 447 &:= 1^1 + 1^3 + 3^1 + 18^0 + 21^2 = 11 + 13 + 31 + 180 + 212 \\
 447 &:= 1^1 + 1^7 + 2^6 + 19^2 + 20^1 = 11 + 17 + 26 + 192 + 201 \\
 447 &:= 1^1 + 2^0 + 3^3 + 18^1 + 20^2 = 11 + 20 + 33 + 181 + 202 \\
 447 &:= 1^1 + 2^1 + 7^3 + 10^2 + 24^0 = 11 + 21 + 73 + 102 + 240 \\
 447 &:= 1^1 + 3^2 + 6^2 + 14^0 + 20^2 = 11 + 32 + 62 + 140 + 202 \\
 447 &:= 1^1 + 4^1 + 6^3 + 15^2 + 18^0 = 11 + 41 + 63 + 152 + 180 \\
 447 &:= 1^1 + 6^0 + 7^3 + 9^2 + 21^1 = 11 + 60 + 73 + 92 + 211 \\
 447 &:= 1^2 + 1^2 + 3^1 + 18^0 + 21^2 = 12 + 12 + 31 + 180 + 212 \\
 447 &:= 1^2 + 1^6 + 2^6 + 19^2 + 20^1 = 12 + 16 + 26 + 192 + 201 \\
 447 &:= 1^2 + 1^9 + 3^3 + 18^1 + 20^2 = 12 + 19 + 33 + 181 + 202 \\
 447 &:= 1^2 + 2^0 + 12^1 + 12^2 + 17^2 = 12 + 20 + 121 + 122 + 172 \\
 447 &:= 1^2 + 3^1 + 9^2 + 12^0 + 19^2 = 12 + 31 + 92 + 120 + 192 \\
 447 &:= 1^2 + 6^2 + 8^0 + 9^1 + 20^2 = 12 + 62 + 80 + 91 + 202
 \end{aligned}$$

$$\begin{aligned} 447 &:= 1^3 + 1^5 + 2^6 + 19^2 + 20^1 = 13 + 15 + 26 + 192 + 201 \\ 447 &:= 1^3 + 1^8 + 3^3 + 18^1 + 20^2 = 13 + 18 + 33 + 181 + 202 \\ 447 &:= 1^3 + 1^9 + 12^1 + 12^2 + 17^2 = 13 + 19 + 121 + 122 + 172 \\ 447 &:= 1^3 + 2^1 + 2^1 + 18^0 + 21^2 = 13 + 21 + 21 + 180 + 212 \\ 447 &:= 1^3 + 2^8 + 4^3 + 10^2 + 26^1 = 13 + 28 + 43 + 102 + 261 \\ 447 &:= 1^4 + 1^4 + 2^6 + 19^2 + 20^1 = 14 + 14 + 26 + 192 + 201 \\ 447 &:= 1^4 + 1^7 + 3^3 + 18^1 + 20^2 = 14 + 17 + 33 + 181 + 202 \\ 447 &:= 1^4 + 1^8 + 12^1 + 12^2 + 17^2 = 14 + 18 + 121 + 122 + 172 \\ 447 &:= 1^4 + 2^0 + 3^1 + 17^0 + 21^2 = 14 + 20 + 31 + 170 + 212 \\ 447 &:= 1^4 + 2^3 + 2^7 + 17^2 + 21^1 = 14 + 23 + 27 + 172 + 211 \\ 447 &:= 1^4 + 2^6 + 4^4 + 10^2 + 26^1 = 14 + 26 + 44 + 102 + 261 \\ 447 &:= 1^4 + 2^8 + 5^3 + 8^2 + 27^0 = 14 + 28 + 53 + 82 + 270 \\ 447 &:= 1^4 + 3^0 + 3^1 + 16^0 + 21^2 = 14 + 30 + 31 + 160 + 212 \\ 447 &:= 1^4 + 3^1 + 4^0 + 15^0 + 21^2 = 14 + 31 + 40 + 150 + 212 \\ 447 &:= 1^4 + 3^1 + 5^0 + 14^0 + 21^2 = 14 + 31 + 50 + 140 + 212 \\ 447 &:= 1^4 + 3^1 + 6^0 + 13^0 + 21^2 = 14 + 31 + 60 + 130 + 212 \\ 447 &:= 1^4 + 3^1 + 7^0 + 12^0 + 21^2 = 14 + 31 + 70 + 120 + 212 \\ 447 &:= 1^4 + 3^1 + 8^0 + 11^0 + 21^2 = 14 + 31 + 80 + 110 + 212 \\ 447 &:= 1^4 + 3^1 + 9^0 + 10^0 + 21^2 = 14 + 31 + 90 + 100 + 212 \\ 447 &:= 1^5 + 1^6 + 3^3 + 18^1 + 20^2 = 15 + 16 + 33 + 181 + 202 \\ 447 &:= 1^5 + 1^7 + 12^1 + 12^2 + 17^2 = 15 + 17 + 121 + 122 + 172 \\ 447 &:= 1^5 + 1^9 + 3^1 + 17^0 + 21^2 = 15 + 19 + 31 + 170 + 212 \\ 447 &:= 1^5 + 2^6 + 6^3 + 12^2 + 22^1 = 15 + 26 + 63 + 122 + 221 \\ 447 &:= 1^5 + 2^7 + 3^2 + 17^2 + 20^1 = 15 + 27 + 32 + 172 + 201 \\ 447 &:= 1^6 + 1^6 + 12^1 + 12^2 + 17^2 = 16 + 16 + 121 + 122 + 172 \\ 447 &:= 1^6 + 1^8 + 3^1 + 17^0 + 21^2 = 16 + 18 + 31 + 170 + 212 \\ 447 &:= 1^6 + 2^6 + 12^2 + 13^1 + 15^2 = 16 + 26 + 122 + 131 + 152 \\ 447 &:= 1^6 + 2^6 + 5^3 + 16^2 + 19^0 = 16 + 26 + 53 + 162 + 190 \\ 447 &:= 1^6 + 2^7 + 11^2 + 14^2 + 15^0 = 16 + 27 + 112 + 142 + 150 \\ 447 &:= 1^6 + 2^8 + 7^0 + 13^2 + 20^1 = 16 + 28 + 70 + 132 + 201 \\ 447 &:= 1^6 + 3^4 + 3^5 + 11^2 + 25^0 = 16 + 34 + 35 + 112 + 250 \\ 447 &:= 1^7 + 1^7 + 3^1 + 17^0 + 21^2 = 17 + 17 + 31 + 170 + 212 \\ 447 &:= 1^7 + 2^1 + 2^6 + 19^1 + 19^2 = 17 + 21 + 26 + 191 + 192 \\ 447 &:= 1^7 + 2^6 + 10^1 + 11^1 + 19^2 = 17 + 26 + 101 + 111 + 192 \\ 447 &:= 1^7 + 2^6 + 3^1 + 18^1 + 19^2 = 17 + 26 + 31 + 181 + 192 \\ 447 &:= 1^7 + 2^6 + 4^1 + 17^1 + 19^2 = 17 + 26 + 41 + 171 + 192 \\ 447 &:= 1^7 + 2^6 + 5^1 + 16^1 + 19^2 = 17 + 26 + 51 + 161 + 192 \\ 447 &:= 1^7 + 2^6 + 6^1 + 15^1 + 19^2 = 17 + 26 + 61 + 151 + 192 \end{aligned}$$

$$\begin{aligned} 447 &:= 1^7 + 2^6 + 7^1 + 14^1 + 19^2 = 17 + 26 + 71 + 141 + 192 \\ 447 &:= 1^7 + 2^6 + 8^1 + 13^1 + 19^2 = 17 + 26 + 81 + 131 + 192 \\ 447 &:= 1^7 + 2^6 + 9^1 + 12^1 + 19^2 = 17 + 26 + 91 + 121 + 192 \\ 447 &:= 1^8 + 3^4 + 5^2 + 16^1 + 18^2 = 18 + 34 + 52 + 161 + 182 \\ 447 &:= 1^8 + 3^5 + 9^2 + 11^2 + 19^0 = 18 + 35 + 92 + 112 + 190 \\ 447 &:= 1^8 + 4^4 + 5^2 + 12^2 + 21^1 = 18 + 44 + 52 + 122 + 211 \\ 447 &:= 1^8 + 4^4 + 5^3 + 8^2 + 25^0 = 18 + 44 + 53 + 82 + 250 \\ 447 &:= 1^8 + 4^4 + 7^2 + 11^2 + 20^1 = 18 + 44 + 72 + 112 + 201 \\ 447 &:= 1^9 + 2^2 + 4^3 + 17^1 + 19^2 = 19 + 22 + 43 + 171 + 192 \\ 447 &:= 1^9 + 2^3 + 8^2 + 13^1 + 19^2 = 19 + 23 + 82 + 131 + 192 \\ 447 &:= 1^9 + 2^5 + 7^0 + 13^1 + 20^2 = 19 + 25 + 70 + 131 + 202 \\ 447 &:= 1^9 + 3^4 + 7^3 + 11^0 + 21^1 = 19 + 34 + 73 + 110 + 211 \\ 447 &:= 1^9 + 3^5 + 6^1 + 14^2 + 19^0 = 19 + 35 + 61 + 142 + 190 \\ 447 &:= 1^9 + 4^2 + 5^3 + 16^1 + 17^2 = 19 + 42 + 53 + 161 + 172 \\ 447 &:= 1^9 + 4^2 + 6^3 + 14^2 + 18^1 = 19 + 42 + 63 + 142 + 181 \\ 447 &:= 1^9 + 4^2 + 7^3 + 8^2 + 23^1 = 19 + 42 + 73 + 82 + 231 \\ 447 &:= 1^9 + 4^3 + 5^3 + 16^2 + 17^0 = 19 + 43 + 53 + 162 + 170 \\ 447 &:= 1^9 + 4^3 + 9^2 + 12^1 + 17^2 = 19 + 43 + 92 + 121 + 172 \\ 447 &:= 1^9 + 9^2 + 10^2 + 11^2 + 12^2 = 19 + 92 + 102 + 112 + 122 \\ 447 &:= 2^0 + 2^1 + 3^3 + 17^1 + 20^2 = 20 + 21 + 33 + 171 + 202 \\ 447 &:= 2^0 + 2^2 + 6^3 + 15^2 + 19^0 = 20 + 22 + 63 + 152 + 190 \\ 447 &:= 2^0 + 3^1 + 3^3 + 16^1 + 20^2 = 20 + 31 + 33 + 161 + 202 \\ 447 &:= 2^0 + 3^1 + 3^4 + 17^0 + 19^2 = 20 + 31 + 34 + 170 + 192 \\ 447 &:= 2^0 + 3^2 + 8^2 + 12^1 + 19^2 = 20 + 32 + 82 + 121 + 192 \\ 447 &:= 2^0 + 3^3 + 4^1 + 15^1 + 20^2 = 20 + 33 + 41 + 151 + 202 \\ 447 &:= 2^0 + 3^3 + 5^1 + 14^1 + 20^2 = 20 + 33 + 51 + 141 + 202 \\ 447 &:= 2^0 + 3^3 + 6^1 + 13^1 + 20^2 = 20 + 33 + 61 + 131 + 202 \\ 447 &:= 2^0 + 3^3 + 7^1 + 12^1 + 20^2 = 20 + 33 + 71 + 121 + 202 \\ 447 &:= 2^0 + 3^3 + 8^1 + 11^1 + 20^2 = 20 + 33 + 81 + 111 + 202 \\ 447 &:= 2^0 + 3^3 + 9^1 + 10^1 + 20^2 = 20 + 33 + 91 + 101 + 202 \\ 447 &:= 2^0 + 4^2 + 4^2 + 14^1 + 20^2 = 20 + 42 + 42 + 141 + 202 \\ 447 &:= 2^0 + 4^2 + 9^1 + 14^2 + 15^2 = 20 + 42 + 91 + 142 + 152 \\ 447 &:= 2^0 + 4^4 + 5^0 + 13^2 + 20^1 = 20 + 44 + 50 + 132 + 201 \\ 447 &:= 2^0 + 5^2 + 7^2 + 11^1 + 19^2 = 20 + 52 + 72 + 111 + 192 \\ 447 &:= 2^0 + 5^3 + 8^2 + 13^0 + 16^2 = 20 + 53 + 82 + 130 + 162 \\ 447 &:= 2^0 + 6^1 + 10^2 + 12^2 + 14^2 = 20 + 61 + 102 + 122 + 142 \\ 447 &:= 2^0 + 6^3 + 6^3 + 13^1 + 17^0 = 20 + 63 + 63 + 131 + 170 \\ 447 &:= 2^0 + 7^2 + 8^1 + 10^2 + 17^2 = 20 + 72 + 81 + 102 + 172 \end{aligned}$$

$$\begin{aligned} 447 &:= 2^0 + 7^2 + 8^2 + 9^1 + 18^2 = 20 + 72 + 82 + 91 + 182 \\ 447 &:= 2^1 + 3^1 + 6^3 + 15^2 + 18^0 = 21 + 31 + 63 + 152 + 180 \\ 447 &:= 2^1 + 6^0 + 7^3 + 9^2 + 20^1 = 21 + 60 + 73 + 92 + 201 \\ 447 &:= 2^2 + 3^0 + 6^3 + 15^2 + 18^0 = 22 + 30 + 63 + 152 + 180 \\ 447 &:= 2^2 + 4^0 + 6^3 + 15^2 + 17^0 = 22 + 40 + 63 + 152 + 170 \\ 447 &:= 2^2 + 4^0 + 9^1 + 12^2 + 17^2 = 22 + 40 + 91 + 122 + 172 \\ 447 &:= 2^2 + 5^0 + 6^3 + 15^2 + 16^0 = 22 + 50 + 63 + 152 + 160 \\ 447 &:= 2^2 + 6^0 + 6^3 + 15^0 + 15^2 = 22 + 60 + 63 + 150 + 152 \\ 447 &:= 2^2 + 6^1 + 6^2 + 10^0 + 20^2 = 22 + 61 + 62 + 100 + 202 \\ 447 &:= 2^2 + 6^3 + 10^0 + 11^0 + 15^2 = 22 + 63 + 100 + 110 + 152 \\ 447 &:= 2^2 + 6^3 + 7^0 + 14^0 + 15^2 = 22 + 63 + 70 + 140 + 152 \\ 447 &:= 2^2 + 6^3 + 8^0 + 13^0 + 15^2 = 22 + 63 + 80 + 130 + 152 \\ 447 &:= 2^2 + 6^3 + 9^0 + 12^0 + 15^2 = 22 + 63 + 90 + 120 + 152 \\ 447 &:= 2^3 + 2^5 + 2^6 + 18^2 + 19^1 = 23 + 25 + 26 + 182 + 191 \\ 447 &:= 2^4 + 2^7 + 3^3 + 16^2 + 20^1 = 24 + 27 + 33 + 162 + 201 \\ 447 &:= 2^4 + 2^8 + 5^3 + 7^2 + 27^0 = 24 + 28 + 53 + 72 + 270 \\ 447 &:= 2^5 + 3^4 + 3^5 + 8^2 + 27^1 = 25 + 34 + 35 + 82 + 271 \\ 447 &:= 2^6 + 2^8 + 3^0 + 10^2 + 26^1 = 26 + 28 + 30 + 102 + 261 \\ 447 &:= 2^6 + 2^8 + 5^1 + 11^2 + 23^0 = 26 + 28 + 51 + 112 + 230 \\ 447 &:= 2^6 + 2^8 + 5^3 + 10^0 + 24^0 = 26 + 28 + 53 + 100 + 240 \\ 447 &:= 2^6 + 2^8 + 5^3 + 11^0 + 23^0 = 26 + 28 + 53 + 110 + 230 \\ 447 &:= 2^6 + 2^8 + 5^3 + 12^0 + 22^0 = 26 + 28 + 53 + 120 + 220 \\ 447 &:= 2^6 + 2^8 + 5^3 + 13^0 + 21^0 = 26 + 28 + 53 + 130 + 210 \\ 447 &:= 2^6 + 2^8 + 5^3 + 14^0 + 20^0 = 26 + 28 + 53 + 140 + 200 \\ 447 &:= 2^6 + 2^8 + 5^3 + 15^0 + 19^0 = 26 + 28 + 53 + 150 + 190 \\ 447 &:= 2^6 + 2^8 + 5^3 + 16^0 + 18^0 = 26 + 28 + 53 + 160 + 180 \\ 447 &:= 2^6 + 2^8 + 5^3 + 17^0 + 17^0 = 26 + 28 + 53 + 170 + 170 \\ 447 &:= 2^6 + 2^8 + 5^3 + 7^0 + 27^0 = 26 + 28 + 53 + 70 + 270 \\ 447 &:= 2^6 + 2^8 + 5^3 + 8^0 + 26^0 = 26 + 28 + 53 + 80 + 260 \\ 447 &:= 2^6 + 2^8 + 5^3 + 9^0 + 25^0 = 26 + 28 + 53 + 90 + 250 \\ 447 &:= 2^6 + 3^5 + 4^3 + 7^2 + 27^1 = 26 + 35 + 43 + 72 + 271 \\ 447 &:= 2^7 + 2^7 + 5^0 + 13^2 + 21^1 = 27 + 27 + 50 + 132 + 211 \\ 447 &:= 2^8 + 3^4 + 6^2 + 7^2 + 25^1 = 28 + 34 + 62 + 72 + 251 \\ 447 &:= 2^8 + 4^3 + 4^3 + 6^2 + 27^1 = 28 + 43 + 43 + 62 + 271 \\ 447 &:= 3^0 + 3^1 + 3^4 + 16^0 + 19^2 = 30 + 31 + 34 + 160 + 192 \\ 447 &:= 3^0 + 4^0 + 4^4 + 13^2 + 20^1 = 30 + 40 + 44 + 132 + 201 \\ 447 &:= 3^0 + 5^3 + 8^2 + 12^0 + 16^2 = 30 + 53 + 82 + 120 + 162 \end{aligned}$$

$$\begin{aligned} 447 &:= 3^0 + 6^3 + 6^3 + 13^1 + 16^0 = 30 + 63 + 63 + 131 + 160 \\ 447 &:= 3^1 + 3^4 + 4^0 + 15^0 + 19^2 = 31 + 34 + 40 + 150 + 192 \\ 447 &:= 3^1 + 3^4 + 5^0 + 14^0 + 19^2 = 31 + 34 + 50 + 140 + 192 \\ 447 &:= 3^1 + 3^4 + 6^0 + 13^0 + 19^2 = 31 + 34 + 60 + 130 + 192 \\ 447 &:= 3^1 + 3^4 + 7^0 + 12^0 + 19^2 = 31 + 34 + 70 + 120 + 192 \\ 447 &:= 3^1 + 3^4 + 8^0 + 11^0 + 19^2 = 31 + 34 + 80 + 110 + 192 \\ 447 &:= 3^1 + 3^4 + 9^0 + 10^0 + 19^2 = 31 + 34 + 90 + 100 + 192 \\ 447 &:= 3^1 + 6^0 + 7^2 + 13^2 + 15^2 = 31 + 60 + 72 + 132 + 152 \\ 447 &:= 3^1 + 6^0 + 7^3 + 9^2 + 19^1 = 31 + 60 + 73 + 92 + 191 \\ 447 &:= 3^2 + 4^0 + 5^2 + 12^1 + 20^2 = 32 + 40 + 52 + 121 + 202 \\ 447 &:= 3^2 + 4^1 + 8^0 + 12^2 + 17^2 = 32 + 41 + 80 + 122 + 172 \\ 447 &:= 4^0 + 5^1 + 7^2 + 14^2 + 14^2 = 40 + 51 + 72 + 142 + 142 \\ 447 &:= 4^0 + 5^1 + 8^2 + 11^2 + 16^2 = 40 + 51 + 82 + 112 + 162 \\ 447 &:= 4^0 + 5^3 + 8^2 + 11^0 + 16^2 = 40 + 53 + 82 + 110 + 162 \\ 447 &:= 4^0 + 6^3 + 6^3 + 13^1 + 15^0 = 40 + 63 + 63 + 131 + 150 \\ 447 &:= 4^1 + 6^0 + 7^3 + 9^2 + 18^1 = 41 + 60 + 73 + 92 + 181 \\ 447 &:= 4^2 + 5^1 + 5^2 + 10^0 + 20^2 = 42 + 51 + 52 + 100 + 202 \\ 447 &:= 4^2 + 5^1 + 6^0 + 13^2 + 16^2 = 42 + 51 + 60 + 132 + 162 \\ 447 &:= 4^2 + 5^1 + 8^0 + 8^2 + 19^2 = 42 + 51 + 80 + 82 + 192 \\ 447 &:= 4^2 + 6^0 + 6^1 + 10^2 + 18^2 = 42 + 60 + 61 + 102 + 182 \\ 447 &:= 5^0 + 5^3 + 8^2 + 10^0 + 16^2 = 50 + 53 + 82 + 100 + 162 \\ 447 &:= 5^0 + 6^3 + 6^3 + 13^1 + 14^0 = 50 + 63 + 63 + 131 + 140 \\ 447 &:= 5^1 + 6^0 + 6^2 + 9^2 + 18^2 = 51 + 60 + 62 + 92 + 182 \\ 447 &:= 5^1 + 6^0 + 7^3 + 9^2 + 17^1 = 51 + 60 + 73 + 92 + 171 \\ 447 &:= 5^3 + 6^0 + 8^2 + 9^0 + 16^2 = 53 + 60 + 82 + 90 + 162 \\ 447 &:= 5^3 + 7^0 + 8^0 + 8^2 + 16^2 = 53 + 70 + 80 + 82 + 162 \\ 447 &:= 6^0 + 6^1 + 7^3 + 9^2 + 16^1 = 60 + 61 + 73 + 92 + 161 \\ 447 &:= 6^0 + 6^3 + 6^3 + 13^0 + 13^1 = 60 + 63 + 63 + 130 + 131 \\ 447 &:= 6^0 + 7^1 + 7^3 + 9^2 + 15^1 = 60 + 71 + 73 + 92 + 151 \\ 447 &:= 6^0 + 7^3 + 8^1 + 9^2 + 14^1 = 60 + 73 + 81 + 92 + 141 \\ 447 &:= 6^0 + 7^3 + 9^1 + 9^2 + 13^1 = 60 + 73 + 91 + 92 + 131 \\ 447 &:= 6^0 + 7^3 + 9^2 + 10^1 + 12^1 = 60 + 73 + 92 + 101 + 121 \\ 447 &:= 6^0 + 7^3 + 9^2 + 11^1 + 11^1 = 60 + 73 + 92 + 111 + 111 \\ 447 &:= 6^3 + 6^3 + 7^0 + 12^0 + 13^1 = 63 + 63 + 70 + 120 + 131 \\ 447 &:= 6^3 + 6^3 + 8^0 + 11^0 + 13^1 = 63 + 63 + 80 + 110 + 131 \\ 447 &:= 6^3 + 6^3 + 9^0 + 10^0 + 13^1 = 63 + 63 + 90 + 100 + 131 \end{aligned}$$

2.2.349 Number 448

$$\begin{aligned} 448 &:= 1^2 + 3^3 + 20^1 + 20^2 &= 12 + 33 + 201 + 202 \\ 448 &:= 1^3 + 12^2 + 14^1 + 17^2 &= 13 + 122 + 141 + 172 \\ 448 &:= 1^5 + 5^1 + 17^0 + 21^2 &= 15 + 51 + 170 + 212 \\ 448 &:= 2^2 + 4^3 + 19^1 + 19^2 &= 22 + 43 + 191 + 192 \\ 448 &:= 2^3 + 8^2 + 15^1 + 19^2 &= 23 + 82 + 151 + 192 \\ 448 &:= 2^5 + 7^0 + 15^1 + 20^2 &= 25 + 70 + 151 + 202 \\ 448 &:= 3^4 + 7^3 + 11^0 + 23^1 &= 34 + 73 + 110 + 231 \\ 448 &:= 3^5 + 8^1 + 14^2 + 19^0 &= 35 + 81 + 142 + 190 \\ 448 &:= 4^2 + 5^3 + 17^2 + 18^1 &= 42 + 53 + 172 + 181 \\ 448 &:= 4^2 + 6^3 + 14^2 + 20^1 &= 42 + 63 + 142 + 201 \\ 448 &:= 4^2 + 7^3 + 8^2 + 25^1 &= 42 + 73 + 82 + 251 \\ 448 &:= 4^3 + 9^2 + 14^1 + 17^2 &= 43 + 92 + 141 + 172 \\ 448 &:= 1^0 + 1^2 + 3^3 + 19^1 + 20^2 &= 10 + 12 + 33 + 191 + 202 \\ 448 &:= 1^0 + 1^3 + 12^2 + 13^1 + 17^2 &= 10 + 13 + 122 + 131 + 172 \\ 448 &:= 1^0 + 1^4 + 11^2 + 13^0 + 18^2 &= 10 + 14 + 112 + 130 + 182 \\ 448 &:= 1^0 + 1^4 + 2^2 + 19^0 + 21^2 &= 10 + 14 + 22 + 190 + 212 \\ 448 &:= 1^0 + 1^5 + 4^1 + 17^0 + 21^2 &= 10 + 15 + 41 + 170 + 212 \\ 448 &:= 1^0 + 2^2 + 3^4 + 19^0 + 19^2 &= 10 + 22 + 34 + 190 + 192 \\ 448 &:= 1^0 + 2^2 + 4^3 + 18^1 + 19^2 &= 10 + 22 + 43 + 181 + 192 \\ 448 &:= 1^0 + 2^3 + 8^2 + 14^1 + 19^2 &= 10 + 23 + 82 + 141 + 192 \\ 448 &:= 1^0 + 2^5 + 7^0 + 14^1 + 20^2 &= 10 + 25 + 70 + 141 + 202 \\ 448 &:= 1^0 + 3^4 + 13^0 + 13^2 + 14^2 &= 10 + 34 + 130 + 132 + 142 \\ 448 &:= 1^0 + 3^4 + 7^3 + 11^0 + 22^1 &= 10 + 34 + 73 + 110 + 221 \\ 448 &:= 1^0 + 3^5 + 7^1 + 14^2 + 19^0 &= 10 + 35 + 71 + 142 + 190 \\ 448 &:= 1^0 + 4^2 + 5^3 + 17^1 + 17^2 &= 10 + 42 + 53 + 171 + 172 \\ 448 &:= 1^0 + 4^2 + 6^3 + 14^2 + 19^1 &= 10 + 42 + 63 + 142 + 191 \\ 448 &:= 1^0 + 4^2 + 7^3 + 8^2 + 24^1 &= 10 + 42 + 73 + 82 + 241 \\ 448 &:= 1^0 + 4^3 + 9^2 + 13^1 + 17^2 &= 10 + 43 + 92 + 131 + 172 \\ 448 &:= 1^0 + 5^3 + 5^3 + 14^2 + 19^0 &= 10 + 53 + 53 + 142 + 190 \\ 448 &:= 1^1 + 1^1 + 3^3 + 19^1 + 20^2 &= 11 + 11 + 33 + 191 + 202 \\ 448 &:= 1^1 + 1^2 + 12^2 + 13^1 + 17^2 &= 11 + 12 + 122 + 131 + 172 \\ 448 &:= 1^1 + 1^3 + 11^2 + 13^0 + 18^2 &= 11 + 13 + 112 + 130 + 182 \\ 448 &:= 1^1 + 1^3 + 2^2 + 19^0 + 21^2 &= 11 + 13 + 22 + 190 + 212 \\ 448 &:= 1^1 + 1^4 + 4^1 + 17^0 + 21^2 &= 11 + 14 + 41 + 170 + 212 \\ 448 &:= 1^1 + 2^1 + 3^3 + 18^1 + 20^2 &= 11 + 21 + 33 + 181 + 202 \\ 448 &:= 1^1 + 3^1 + 3^3 + 17^1 + 20^2 &= 11 + 31 + 33 + 171 + 202 \end{aligned}$$

$$\begin{aligned} 448 &:= 1^1 + 3^2 + 8^2 + 13^1 + 19^2 &= 11 + 32 + 82 + 131 + 192 \\ 448 &:= 1^1 + 3^3 + 10^1 + 10^1 + 20^2 &= 11 + 33 + 101 + 101 + 202 \\ 448 &:= 1^1 + 3^3 + 4^1 + 16^1 + 20^2 &= 11 + 33 + 41 + 161 + 202 \\ 448 &:= 1^1 + 3^3 + 5^1 + 15^1 + 20^2 &= 11 + 33 + 51 + 151 + 202 \\ 448 &:= 1^1 + 3^3 + 6^1 + 14^1 + 20^2 &= 11 + 33 + 61 + 141 + 202 \\ 448 &:= 1^1 + 3^3 + 7^1 + 13^1 + 20^2 &= 11 + 33 + 71 + 131 + 202 \\ 448 &:= 1^1 + 3^3 + 8^1 + 12^1 + 20^2 &= 11 + 33 + 81 + 121 + 202 \\ 448 &:= 1^1 + 3^3 + 9^1 + 11^1 + 20^2 &= 11 + 33 + 91 + 111 + 202 \\ 448 &:= 1^1 + 3^4 + 4^1 + 17^0 + 19^2 &= 11 + 34 + 41 + 170 + 192 \\ 448 &:= 1^1 + 4^2 + 10^1 + 14^2 + 15^2 &= 11 + 42 + 101 + 142 + 152 \\ 448 &:= 1^1 + 4^2 + 4^2 + 15^1 + 20^2 &= 11 + 42 + 42 + 151 + 202 \\ 448 &:= 1^1 + 4^4 + 5^0 + 13^2 + 21^1 &= 11 + 44 + 50 + 132 + 211 \\ 448 &:= 1^1 + 5^2 + 7^2 + 12^1 + 19^2 &= 11 + 52 + 72 + 121 + 192 \\ 448 &:= 1^1 + 6^3 + 6^3 + 14^1 + 17^0 &= 11 + 63 + 63 + 141 + 170 \\ 448 &:= 1^1 + 7^1 + 10^2 + 12^2 + 14^2 &= 11 + 71 + 102 + 122 + 142 \\ 448 &:= 1^1 + 7^2 + 8^2 + 10^1 + 18^2 &= 11 + 72 + 82 + 101 + 182 \\ 448 &:= 1^1 + 7^2 + 9^1 + 10^2 + 17^2 &= 11 + 72 + 91 + 102 + 172 \\ 448 &:= 1^2 + 1^2 + 11^2 + 13^0 + 18^2 &= 12 + 12 + 112 + 130 + 182 \\ 448 &:= 1^2 + 1^2 + 2^2 + 19^0 + 21^2 &= 12 + 12 + 22 + 190 + 212 \\ 448 &:= 1^2 + 1^3 + 4^1 + 17^0 + 21^2 &= 12 + 13 + 41 + 170 + 212 \\ 448 &:= 1^2 + 2^1 + 12^1 + 12^2 + 17^2 &= 12 + 21 + 121 + 122 + 172 \\ 448 &:= 1^2 + 2^2 + 9^2 + 13^0 + 19^2 &= 12 + 22 + 92 + 130 + 192 \\ 448 &:= 1^2 + 3^1 + 11^1 + 12^2 + 17^2 &= 12 + 31 + 111 + 122 + 172 \\ 448 &:= 1^2 + 3^1 + 7^3 + 10^2 + 23^0 &= 12 + 31 + 73 + 102 + 230 \\ 448 &:= 1^2 + 4^1 + 10^1 + 12^2 + 17^2 &= 12 + 41 + 101 + 122 + 172 \\ 448 &:= 1^2 + 5^0 + 7^3 + 9^2 + 22^1 &= 12 + 50 + 73 + 92 + 221 \\ 448 &:= 1^2 + 5^1 + 6^3 + 15^2 + 17^0 &= 12 + 51 + 63 + 152 + 170 \\ 448 &:= 1^2 + 5^1 + 9^1 + 12^2 + 17^2 &= 12 + 51 + 91 + 122 + 172 \\ 448 &:= 1^2 + 5^2 + 9^0 + 14^2 + 15^2 &= 12 + 52 + 90 + 142 + 152 \\ 448 &:= 1^2 + 6^1 + 8^1 + 12^2 + 17^2 &= 12 + 61 + 81 + 122 + 172 \\ 448 &:= 1^2 + 6^2 + 7^2 + 11^0 + 19^2 &= 12 + 62 + 72 + 110 + 192 \\ 448 &:= 1^2 + 6^2 + 9^0 + 11^2 + 17^2 &= 12 + 62 + 90 + 112 + 172 \\ 448 &:= 1^2 + 7^0 + 10^2 + 11^2 + 15^2 &= 12 + 70 + 102 + 112 + 152 \\ 448 &:= 1^2 + 7^0 + 9^2 + 13^2 + 14^2 &= 12 + 70 + 92 + 132 + 142 \\ 448 &:= 1^2 + 7^1 + 7^1 + 12^2 + 17^2 &= 12 + 71 + 71 + 122 + 172 \\ 448 &:= 1^3 + 4^1 + 9^2 + 11^0 + 19^2 &= 13 + 41 + 92 + 110 + 192 \end{aligned}$$

$$\begin{aligned} 448 &:= 1^3 + 6^2 + 7^0 + 10^1 + 20^2 = 13 + 62 + 70 + 101 + 202 \\ 448 &:= 1^4 + 2^0 + 11^2 + 12^0 + 18^2 = 14 + 20 + 112 + 120 + 182 \\ 448 &:= 1^4 + 2^0 + 2^2 + 18^0 + 21^2 = 14 + 20 + 22 + 180 + 212 \\ 448 &:= 1^4 + 2^1 + 3^1 + 17^0 + 21^2 = 14 + 21 + 31 + 170 + 212 \\ 448 &:= 1^4 + 2^2 + 10^0 + 10^0 + 21^2 = 14 + 22 + 100 + 100 + 212 \\ 448 &:= 1^4 + 2^2 + 3^0 + 17^0 + 21^2 = 14 + 22 + 30 + 170 + 212 \\ 448 &:= 1^4 + 2^2 + 4^0 + 16^0 + 21^2 = 14 + 22 + 40 + 160 + 212 \\ 448 &:= 1^4 + 2^2 + 5^0 + 15^0 + 21^2 = 14 + 22 + 50 + 150 + 212 \\ 448 &:= 1^4 + 2^2 + 6^0 + 14^0 + 21^2 = 14 + 22 + 60 + 140 + 212 \\ 448 &:= 1^4 + 2^2 + 7^0 + 13^0 + 21^2 = 14 + 22 + 70 + 130 + 212 \\ 448 &:= 1^4 + 2^2 + 8^0 + 12^0 + 21^2 = 14 + 22 + 80 + 120 + 212 \\ 448 &:= 1^4 + 2^2 + 9^0 + 11^0 + 21^2 = 14 + 22 + 90 + 110 + 212 \\ 448 &:= 1^4 + 3^0 + 11^0 + 11^2 + 18^2 = 14 + 30 + 110 + 112 + 182 \\ 448 &:= 1^4 + 4^0 + 10^0 + 11^2 + 18^2 = 14 + 40 + 100 + 112 + 182 \\ 448 &:= 1^4 + 5^0 + 9^0 + 11^2 + 18^2 = 14 + 50 + 90 + 112 + 182 \\ 448 &:= 1^4 + 6^0 + 8^0 + 11^2 + 18^2 = 14 + 60 + 80 + 112 + 182 \\ 448 &:= 1^4 + 7^0 + 7^0 + 11^2 + 18^2 = 14 + 70 + 70 + 112 + 182 \\ 448 &:= 1^5 + 1^9 + 11^2 + 12^0 + 18^2 = 15 + 19 + 112 + 120 + 182 \\ 448 &:= 1^5 + 1^9 + 2^2 + 18^0 + 21^2 = 15 + 19 + 22 + 180 + 212 \\ 448 &:= 1^5 + 2^0 + 4^1 + 16^0 + 21^2 = 15 + 20 + 41 + 160 + 212 \\ 448 &:= 1^5 + 3^0 + 4^1 + 15^0 + 21^2 = 15 + 30 + 41 + 150 + 212 \\ 448 &:= 1^5 + 4^0 + 4^1 + 14^0 + 21^2 = 15 + 40 + 41 + 140 + 212 \\ 448 &:= 1^5 + 4^1 + 5^0 + 13^0 + 21^2 = 15 + 41 + 50 + 130 + 212 \\ 448 &:= 1^5 + 4^1 + 6^0 + 12^0 + 21^2 = 15 + 41 + 60 + 120 + 212 \\ 448 &:= 1^5 + 4^1 + 7^0 + 11^0 + 21^2 = 15 + 41 + 70 + 110 + 212 \\ 448 &:= 1^5 + 4^1 + 8^0 + 10^0 + 21^2 = 15 + 41 + 80 + 100 + 212 \\ 448 &:= 1^5 + 4^1 + 9^0 + 9^0 + 21^2 = 15 + 41 + 90 + 90 + 212 \\ 448 &:= 1^6 + 1^8 + 11^2 + 12^0 + 18^2 = 16 + 18 + 112 + 120 + 182 \\ 448 &:= 1^6 + 1^8 + 2^2 + 18^0 + 21^2 = 16 + 18 + 22 + 180 + 212 \\ 448 &:= 1^6 + 1^9 + 4^1 + 16^0 + 21^2 = 16 + 19 + 41 + 160 + 212 \\ 448 &:= 1^7 + 1^7 + 11^2 + 12^0 + 18^2 = 17 + 17 + 112 + 120 + 182 \\ 448 &:= 1^7 + 1^7 + 2^2 + 18^0 + 21^2 = 17 + 17 + 22 + 180 + 212 \\ 448 &:= 1^7 + 1^8 + 4^1 + 16^0 + 21^2 = 17 + 18 + 41 + 160 + 212 \\ 448 &:= 1^7 + 2^8 + 6^0 + 13^2 + 21^1 = 17 + 28 + 60 + 132 + 211 \\ 448 &:= 1^8 + 2^5 + 5^3 + 17^2 + 18^0 = 18 + 25 + 53 + 172 + 180 \\ 448 &:= 2^0 + 2^2 + 3^4 + 18^0 + 19^2 = 20 + 22 + 34 + 180 + 192 \\ 448 &:= 2^0 + 2^5 + 6^0 + 14^1 + 20^2 = 20 + 25 + 60 + 141 + 202 \\ 448 &:= 2^0 + 3^4 + 12^0 + 13^2 + 14^2 = 20 + 34 + 120 + 132 + 142 \end{aligned}$$

$$\begin{aligned} 448 &:= 2^0 + 3^4 + 7^3 + 10^0 + 22^1 = 20 + 34 + 73 + 100 + 221 \\ 448 &:= 2^0 + 3^5 + 7^1 + 14^2 + 18^0 = 20 + 35 + 71 + 142 + 180 \\ 448 &:= 2^0 + 5^3 + 5^3 + 14^2 + 18^0 = 20 + 53 + 53 + 142 + 180 \\ 448 &:= 2^1 + 2^1 + 3^3 + 17^1 + 20^2 = 21 + 21 + 33 + 171 + 202 \\ 448 &:= 2^1 + 2^2 + 6^3 + 15^2 + 19^0 = 21 + 22 + 63 + 152 + 190 \\ 448 &:= 2^1 + 3^1 + 3^3 + 16^1 + 20^2 = 21 + 31 + 33 + 161 + 202 \\ 448 &:= 2^1 + 3^1 + 3^4 + 17^0 + 19^2 = 21 + 31 + 34 + 170 + 192 \\ 448 &:= 2^1 + 3^2 + 8^2 + 12^1 + 19^2 = 21 + 32 + 82 + 121 + 192 \\ 448 &:= 2^1 + 3^3 + 4^1 + 15^1 + 20^2 = 21 + 33 + 41 + 151 + 202 \\ 448 &:= 2^1 + 3^3 + 5^1 + 14^1 + 20^2 = 21 + 33 + 51 + 141 + 202 \\ 448 &:= 2^1 + 3^3 + 6^1 + 13^1 + 20^2 = 21 + 33 + 61 + 131 + 202 \\ 448 &:= 2^1 + 3^3 + 7^1 + 12^1 + 20^2 = 21 + 33 + 71 + 121 + 202 \\ 448 &:= 2^1 + 3^3 + 8^1 + 11^1 + 20^2 = 21 + 33 + 81 + 111 + 202 \\ 448 &:= 2^1 + 3^3 + 9^1 + 10^1 + 20^2 = 21 + 33 + 91 + 101 + 202 \\ 448 &:= 2^1 + 4^2 + 4^2 + 14^1 + 20^2 = 21 + 42 + 42 + 141 + 202 \\ 448 &:= 2^1 + 4^2 + 9^1 + 14^2 + 15^2 = 21 + 42 + 91 + 142 + 152 \\ 448 &:= 2^1 + 4^4 + 5^0 + 13^2 + 20^1 = 21 + 44 + 50 + 132 + 201 \\ 448 &:= 2^1 + 5^2 + 7^2 + 11^1 + 19^2 = 21 + 52 + 72 + 111 + 192 \\ 448 &:= 2^1 + 5^3 + 8^2 + 13^0 + 16^2 = 21 + 53 + 82 + 130 + 162 \\ 448 &:= 2^1 + 6^1 + 10^2 + 12^2 + 14^2 = 21 + 61 + 102 + 122 + 142 \\ 448 &:= 2^1 + 6^3 + 6^3 + 13^1 + 17^0 = 21 + 63 + 63 + 131 + 170 \\ 448 &:= 2^1 + 7^2 + 8^1 + 10^2 + 17^2 = 21 + 72 + 81 + 102 + 172 \\ 448 &:= 2^1 + 7^2 + 8^2 + 9^1 + 18^2 = 21 + 72 + 82 + 91 + 182 \\ 448 &:= 2^2 + 3^0 + 3^3 + 16^1 + 20^2 = 22 + 30 + 33 + 161 + 202 \\ 448 &:= 2^2 + 3^0 + 3^4 + 17^0 + 19^2 = 22 + 30 + 34 + 170 + 192 \\ 448 &:= 2^2 + 3^4 + 10^0 + 10^0 + 19^2 = 22 + 34 + 100 + 100 + 192 \\ 448 &:= 2^2 + 3^4 + 4^0 + 16^0 + 19^2 = 22 + 34 + 40 + 160 + 192 \\ 448 &:= 2^2 + 3^4 + 5^0 + 15^0 + 19^2 = 22 + 34 + 50 + 150 + 192 \\ 448 &:= 2^2 + 3^4 + 6^0 + 14^0 + 19^2 = 22 + 34 + 60 + 140 + 192 \\ 448 &:= 2^2 + 3^4 + 7^0 + 13^0 + 19^2 = 22 + 34 + 70 + 130 + 192 \\ 448 &:= 2^2 + 3^4 + 8^0 + 12^0 + 19^2 = 22 + 34 + 80 + 120 + 192 \\ 448 &:= 2^2 + 3^4 + 9^0 + 11^0 + 19^2 = 22 + 34 + 90 + 110 + 192 \\ 448 &:= 2^2 + 7^0 + 7^2 + 13^2 + 15^2 = 22 + 70 + 72 + 132 + 152 \\ 448 &:= 2^2 + 7^0 + 7^3 + 9^2 + 19^1 = 22 + 70 + 73 + 92 + 191 \\ 448 &:= 2^3 + 3^0 + 5^2 + 14^1 + 20^2 = 23 + 30 + 52 + 141 + 202 \\ 448 &:= 2^3 + 3^1 + 6^2 + 13^0 + 20^2 = 23 + 31 + 62 + 130 + 202 \\ 448 &:= 2^3 + 6^1 + 7^0 + 12^2 + 17^2 = 23 + 61 + 70 + 122 + 172 \\ 448 &:= 2^5 + 3^0 + 5^0 + 14^1 + 20^2 = 25 + 30 + 50 + 141 + 202 \end{aligned}$$

$$\begin{aligned} 448 &:= 2^5 + 4^0 + 4^0 + 14^1 + 20^2 = 25 + 40 + 40 + 141 + 202 \\ 448 &:= 2^7 + 2^8 + 6^0 + 6^2 + 27^1 = 27 + 28 + 60 + 62 + 271 \\ 448 &:= 2^7 + 2^8 + 7^2 + 14^1 + 18^0 = 27 + 28 + 72 + 141 + 180 \\ 448 &:= 3^0 + 3^3 + 10^1 + 11^2 + 17^2 = 30 + 33 + 101 + 112 + 172 \\ 448 &:= 3^0 + 3^4 + 11^0 + 13^2 + 14^2 = 30 + 34 + 110 + 132 + 142 \\ 448 &:= 3^0 + 3^4 + 7^3 + 9^0 + 22^1 = 30 + 34 + 73 + 90 + 221 \\ 448 &:= 3^0 + 3^5 + 7^1 + 14^2 + 17^0 = 30 + 35 + 71 + 142 + 170 \\ 448 &:= 3^0 + 5^3 + 5^3 + 14^2 + 17^0 = 30 + 53 + 53 + 142 + 170 \\ 448 &:= 3^0 + 6^2 + 11^2 + 11^2 + 13^2 = 30 + 62 + 112 + 112 + 132 \\ 448 &:= 3^0 + 7^2 + 9^2 + 11^2 + 14^2 = 30 + 72 + 92 + 112 + 142 \\ 448 &:= 3^1 + 3^1 + 3^3 + 15^1 + 20^2 = 31 + 31 + 33 + 151 + 202 \\ 448 &:= 3^1 + 3^2 + 8^2 + 11^1 + 19^2 = 31 + 32 + 82 + 111 + 192 \\ 448 &:= 3^1 + 3^3 + 4^1 + 14^1 + 20^2 = 31 + 33 + 41 + 141 + 202 \\ 448 &:= 3^1 + 3^3 + 5^1 + 13^1 + 20^2 = 31 + 33 + 51 + 131 + 202 \\ 448 &:= 3^1 + 3^3 + 6^1 + 12^1 + 20^2 = 31 + 33 + 61 + 121 + 202 \\ 448 &:= 3^1 + 3^3 + 7^1 + 11^1 + 20^2 = 31 + 33 + 71 + 111 + 202 \\ 448 &:= 3^1 + 3^3 + 8^1 + 10^1 + 20^2 = 31 + 33 + 81 + 101 + 202 \\ 448 &:= 3^1 + 3^3 + 9^1 + 9^1 + 20^2 = 31 + 33 + 91 + 91 + 202 \\ 448 &:= 3^1 + 4^2 + 4^2 + 13^1 + 20^2 = 31 + 42 + 42 + 131 + 202 \\ 448 &:= 3^1 + 4^2 + 8^1 + 14^2 + 15^2 = 31 + 42 + 81 + 142 + 152 \\ 448 &:= 3^1 + 4^4 + 5^0 + 13^2 + 19^1 = 31 + 44 + 50 + 132 + 191 \\ 448 &:= 3^1 + 5^1 + 10^2 + 12^2 + 14^2 = 31 + 51 + 102 + 122 + 142 \\ 448 &:= 3^1 + 5^2 + 7^2 + 10^1 + 19^2 = 31 + 52 + 72 + 101 + 192 \\ 448 &:= 3^1 + 6^3 + 6^3 + 12^1 + 17^0 = 31 + 63 + 63 + 121 + 170 \\ 448 &:= 3^1 + 7^1 + 7^2 + 10^2 + 17^2 = 31 + 71 + 72 + 102 + 172 \\ 448 &:= 3^1 + 7^2 + 8^1 + 8^2 + 18^2 = 31 + 72 + 81 + 82 + 182 \\ 448 &:= 3^2 + 3^3 + 7^0 + 11^1 + 20^2 = 32 + 33 + 70 + 111 + 202 \\ 448 &:= 3^2 + 4^1 + 8^2 + 10^1 + 19^2 = 32 + 41 + 82 + 101 + 192 \\ 448 &:= 3^2 + 4^3 + 5^0 + 13^1 + 19^2 = 32 + 43 + 50 + 131 + 192 \\ 448 &:= 3^2 + 5^0 + 10^2 + 13^2 + 13^2 = 32 + 50 + 102 + 132 + 132 \\ 448 &:= 3^2 + 5^0 + 11^2 + 11^2 + 14^2 = 32 + 50 + 112 + 112 + 142 \\ 448 &:= 3^2 + 5^1 + 8^2 + 9^1 + 19^2 = 32 + 51 + 82 + 91 + 192 \\ 448 &:= 3^2 + 6^1 + 8^1 + 8^2 + 19^2 = 32 + 61 + 81 + 82 + 192 \\ 448 &:= 3^2 + 7^0 + 7^2 + 10^2 + 17^2 = 32 + 70 + 72 + 102 + 172 \\ 448 &:= 3^2 + 7^1 + 7^1 + 8^2 + 19^2 = 32 + 71 + 71 + 82 + 192 \\ 448 &:= 3^2 + 7^3 + 9^2 + 11^0 + 14^1 = 32 + 73 + 92 + 110 + 141 \\ 448 &:= 3^3 + 4^1 + 4^1 + 13^1 + 20^2 = 33 + 41 + 41 + 131 + 202 \\ 448 &:= 3^3 + 4^1 + 4^2 + 13^0 + 20^2 = 33 + 41 + 42 + 130 + 202 \end{aligned}$$

$$\begin{aligned} 448 &:= 3^3 + 4^1 + 5^1 + 12^1 + 20^2 = 33 + 41 + 51 + 121 + 202 \\ 448 &:= 3^3 + 4^1 + 6^1 + 11^1 + 20^2 = 33 + 41 + 61 + 111 + 202 \\ 448 &:= 3^3 + 4^1 + 7^1 + 10^1 + 20^2 = 33 + 41 + 71 + 101 + 202 \\ 448 &:= 3^3 + 4^1 + 8^1 + 9^1 + 20^2 = 33 + 41 + 81 + 91 + 202 \\ 448 &:= 3^3 + 5^0 + 7^2 + 10^1 + 19^2 = 33 + 50 + 72 + 101 + 192 \\ 448 &:= 3^3 + 5^1 + 5^1 + 11^1 + 20^2 = 33 + 51 + 51 + 111 + 202 \\ 448 &:= 3^3 + 5^1 + 6^1 + 10^1 + 20^2 = 33 + 51 + 61 + 101 + 202 \\ 448 &:= 3^3 + 5^1 + 7^1 + 9^1 + 20^2 = 33 + 51 + 71 + 91 + 202 \\ 448 &:= 3^3 + 5^1 + 8^1 + 8^1 + 20^2 = 33 + 51 + 81 + 81 + 202 \\ 448 &:= 3^3 + 6^1 + 6^1 + 9^1 + 20^2 = 33 + 61 + 61 + 91 + 202 \\ 448 &:= 3^3 + 6^1 + 7^1 + 8^1 + 20^2 = 33 + 61 + 71 + 81 + 202 \\ 448 &:= 3^3 + 7^1 + 7^1 + 7^1 + 20^2 = 33 + 71 + 71 + 71 + 202 \\ 448 &:= 3^4 + 4^0 + 10^0 + 13^2 + 14^2 = 34 + 40 + 100 + 132 + 142 \\ 448 &:= 3^4 + 4^0 + 7^3 + 8^0 + 22^1 = 34 + 40 + 73 + 80 + 221 \\ 448 &:= 3^4 + 5^0 + 7^0 + 7^3 + 22^1 = 34 + 50 + 70 + 73 + 221 \\ 448 &:= 3^4 + 5^0 + 9^0 + 13^2 + 14^2 = 34 + 50 + 90 + 132 + 142 \\ 448 &:= 3^4 + 6^0 + 6^0 + 7^3 + 22^1 = 34 + 60 + 60 + 73 + 221 \\ 448 &:= 3^4 + 6^0 + 8^0 + 13^2 + 14^2 = 34 + 60 + 80 + 132 + 142 \\ 448 &:= 3^4 + 7^0 + 7^0 + 13^2 + 14^2 = 34 + 70 + 70 + 132 + 142 \\ 448 &:= 3^5 + 4^0 + 7^1 + 14^2 + 16^0 = 35 + 40 + 71 + 142 + 160 \\ 448 &:= 3^5 + 5^0 + 7^1 + 14^2 + 15^0 = 35 + 50 + 71 + 142 + 150 \\ 448 &:= 3^5 + 6^0 + 7^1 + 14^0 + 14^2 = 35 + 60 + 71 + 140 + 142 \\ 448 &:= 3^5 + 7^0 + 7^1 + 13^0 + 14^2 = 35 + 70 + 71 + 130 + 142 \\ 448 &:= 3^5 + 7^1 + 10^0 + 10^0 + 14^2 = 35 + 71 + 100 + 100 + 142 \\ 448 &:= 3^5 + 7^1 + 8^0 + 12^0 + 14^2 = 35 + 71 + 80 + 120 + 142 \\ 448 &:= 3^5 + 7^1 + 9^0 + 11^0 + 14^2 = 35 + 71 + 90 + 110 + 142 \\ 448 &:= 4^0 + 5^3 + 5^3 + 14^2 + 16^0 = 40 + 53 + 53 + 142 + 160 \\ 448 &:= 4^1 + 4^1 + 10^2 + 12^2 + 14^2 = 41 + 41 + 102 + 122 + 142 \\ 448 &:= 4^1 + 4^2 + 4^2 + 12^1 + 20^2 = 41 + 42 + 42 + 121 + 202 \\ 448 &:= 4^1 + 4^2 + 7^1 + 14^2 + 15^2 = 41 + 42 + 71 + 142 + 152 \\ 448 &:= 4^1 + 4^4 + 5^0 + 13^2 + 18^1 = 41 + 44 + 50 + 132 + 181 \\ 448 &:= 4^1 + 5^2 + 7^2 + 9^1 + 19^2 = 41 + 52 + 72 + 91 + 192 \\ 448 &:= 4^1 + 6^1 + 7^2 + 10^2 + 17^2 = 41 + 61 + 72 + 102 + 172 \\ 448 &:= 4^1 + 6^2 + 7^3 + 8^2 + 19^0 = 41 + 62 + 73 + 82 + 190 \\ 448 &:= 4^1 + 6^3 + 6^3 + 11^1 + 17^0 = 41 + 63 + 63 + 111 + 170 \\ 448 &:= 4^1 + 7^1 + 7^2 + 8^2 + 18^2 = 41 + 71 + 72 + 82 + 182 \\ 448 &:= 4^2 + 4^2 + 5^1 + 11^1 + 20^2 = 42 + 42 + 51 + 111 + 202 \\ 448 &:= 4^2 + 4^2 + 6^1 + 10^1 + 20^2 = 42 + 42 + 61 + 101 + 202 \end{aligned}$$

$$\begin{aligned}
 448 &:= 4^2 + 4^2 + 7^1 + 9^1 + 20^2 = 42 + 42 + 71 + 91 + 202 \\
 448 &:= 4^2 + 4^2 + 8^1 + 8^1 + 20^2 = 42 + 42 + 81 + 81 + 202 \\
 448 &:= 4^2 + 4^3 + 6^1 + 11^0 + 19^2 = 42 + 43 + 61 + 110 + 192 \\
 448 &:= 4^2 + 5^1 + 6^1 + 14^2 + 15^2 = 42 + 51 + 61 + 142 + 152 \\
 448 &:= 4^2 + 7^1 + 7^3 + 9^2 + 17^0 = 42 + 71 + 73 + 92 + 170 \\
 448 &:= 4^3 + 5^0 + 7^2 + 10^1 + 18^2 = 43 + 50 + 72 + 101 + 182 \\
 448 &:= 4^3 + 6^1 + 7^0 + 11^2 + 16^2 = 43 + 61 + 70 + 112 + 162 \\
 448 &:= 4^4 + 5^0 + 10^1 + 12^1 + 13^2 = 44 + 50 + 101 + 121 + 132 \\
 448 &:= 4^4 + 5^0 + 11^1 + 11^1 + 13^2 = 44 + 50 + 111 + 111 + 132 \\
 448 &:= 4^4 + 5^0 + 5^1 + 13^2 + 17^1 = 44 + 50 + 51 + 132 + 171 \\
 448 &:= 4^4 + 5^0 + 6^1 + 13^2 + 16^1 = 44 + 50 + 61 + 132 + 161 \\
 448 &:= 4^4 + 5^0 + 7^1 + 13^2 + 15^1 = 44 + 50 + 71 + 132 + 151 \\
 448 &:= 4^4 + 5^0 + 8^1 + 13^2 + 14^1 = 44 + 50 + 81 + 132 + 141 \\
 448 &:= 4^4 + 5^0 + 9^1 + 13^1 + 13^2 = 44 + 50 + 91 + 131 + 132 \\
 448 &:= 5^0 + 5^3 + 5^3 + 14^2 + 15^0 = 50 + 53 + 53 + 142 + 150 \\
 448 &:= 5^0 + 5^3 + 9^1 + 12^2 + 13^2 = 50 + 53 + 91 + 122 + 132 \\
 448 &:= 5^0 + 6^2 + 7^2 + 7^3 + 19^1 = 50 + 62 + 72 + 73 + 191 \\
 448 &:= 5^0 + 6^3 + 7^2 + 13^1 + 13^2 = 50 + 63 + 72 + 131 + 132 \\
 448 &:= 5^1 + 5^1 + 7^2 + 10^2 + 17^2 = 51 + 51 + 72 + 102 + 172 \\
 448 &:= 5^1 + 5^2 + 7^2 + 8^1 + 19^2 = 51 + 52 + 72 + 81 + 192
 \end{aligned}$$

$$\begin{aligned}
 448 &:= 5^1 + 5^3 + 9^0 + 11^2 + 14^2 = 51 + 53 + 90 + 112 + 142 \\
 448 &:= 5^1 + 6^1 + 7^2 + 8^2 + 18^2 = 51 + 61 + 72 + 82 + 182 \\
 448 &:= 5^1 + 6^3 + 6^3 + 10^1 + 17^0 = 51 + 63 + 63 + 101 + 170 \\
 448 &:= 5^2 + 5^2 + 6^2 + 9^0 + 19^2 = 52 + 52 + 62 + 90 + 192 \\
 448 &:= 5^2 + 5^3 + 8^1 + 9^0 + 17^2 = 52 + 53 + 81 + 90 + 172 \\
 448 &:= 5^2 + 6^1 + 7^1 + 7^2 + 19^2 = 52 + 61 + 71 + 72 + 192 \\
 448 &:= 5^2 + 6^3 + 9^0 + 10^1 + 14^2 = 52 + 63 + 90 + 101 + 142 \\
 448 &:= 5^2 + 7^0 + 7^2 + 7^2 + 18^2 = 52 + 70 + 72 + 72 + 182 \\
 448 &:= 5^2 + 7^3 + 8^2 + 9^0 + 15^1 = 52 + 73 + 82 + 90 + 151 \\
 448 &:= 5^3 + 5^3 + 10^0 + 10^0 + 14^2 = 53 + 53 + 100 + 100 + 142 \\
 448 &:= 5^3 + 5^3 + 6^0 + 14^0 + 14^2 = 53 + 53 + 60 + 140 + 142 \\
 448 &:= 5^3 + 5^3 + 7^0 + 13^0 + 14^2 = 53 + 53 + 70 + 130 + 142 \\
 448 &:= 5^3 + 5^3 + 8^0 + 12^0 + 14^2 = 53 + 53 + 80 + 120 + 142 \\
 448 &:= 5^3 + 5^3 + 9^0 + 11^0 + 14^2 = 53 + 53 + 90 + 110 + 142 \\
 448 &:= 6^1 + 6^3 + 6^3 + 9^1 + 17^0 = 61 + 63 + 63 + 91 + 170 \\
 448 &:= 6^1 + 6^3 + 9^2 + 11^0 + 12^2 = 61 + 63 + 92 + 110 + 122 \\
 448 &:= 6^1 + 7^2 + 7^2 + 7^3 + 17^0 = 61 + 72 + 72 + 73 + 170 \\
 448 &:= 6^3 + 6^3 + 7^1 + 8^1 + 17^0 = 63 + 63 + 71 + 81 + 170 \\
 448 &:= 6^3 + 7^0 + 10^1 + 10^2 + 11^2 = 63 + 70 + 101 + 102 + 112
 \end{aligned}$$

2.2.350 Number 449

$$\begin{aligned}
 449 &:= 1^6 + 6^1 + 16^0 + 21^2 = 16 + 61 + 160 + 212 \\
 449 &:= 2^5 + 4^2 + 18^0 + 20^2 = 25 + 42 + 180 + 202 \\
 449 &:= 3^2 + 3^5 + 14^2 + 24^0 = 32 + 35 + 142 + 240 \\
 449 &:= 3^5 + 6^2 + 13^2 + 22^0 = 35 + 62 + 132 + 220 \\
 449 &:= 1^0 + 1^6 + 5^1 + 16^0 + 21^2 = 10 + 16 + 51 + 160 + 212 \\
 449 &:= 1^1 + 1^5 + 5^1 + 16^0 + 21^2 = 11 + 15 + 51 + 160 + 212 \\
 449 &:= 1^1 + 2^5 + 6^0 + 15^1 + 20^2 = 11 + 25 + 60 + 151 + 202 \\
 449 &:= 1^1 + 3^4 + 7^3 + 10^0 + 23^1 = 11 + 34 + 73 + 100 + 231 \\
 449 &:= 1^1 + 3^5 + 8^1 + 14^2 + 18^0 = 11 + 35 + 81 + 142 + 180 \\
 449 &:= 1^2 + 1^4 + 5^1 + 16^0 + 21^2 = 12 + 14 + 51 + 160 + 212 \\
 449 &:= 1^2 + 2^2 + 7^3 + 10^2 + 24^0 = 12 + 22 + 73 + 102 + 240 \\
 449 &:= 1^2 + 3^4 + 5^1 + 16^0 + 19^2 = 12 + 34 + 51 + 160 + 192 \\
 449 &:= 1^2 + 4^0 + 4^4 + 13^2 + 22^1 = 12 + 40 + 44 + 132 + 221 \\
 449 &:= 1^2 + 6^3 + 6^3 + 15^1 + 16^0 = 12 + 63 + 63 + 151 + 160 \\
 449 &:= 1^3 + 1^3 + 5^1 + 16^0 + 21^2 = 13 + 13 + 51 + 160 + 212
 \end{aligned}$$

$$\begin{aligned}
 449 &:= 1^3 + 4^0 + 7^3 + 9^2 + 23^1 = 13 + 40 + 73 + 92 + 231 \\
 449 &:= 1^3 + 4^1 + 7^3 + 10^2 + 22^0 = 13 + 41 + 73 + 102 + 220 \\
 449 &:= 1^3 + 6^1 + 6^3 + 15^2 + 16^0 = 13 + 61 + 63 + 152 + 160 \\
 449 &:= 1^4 + 2^1 + 11^2 + 12^0 + 18^2 = 14 + 21 + 112 + 120 + 182 \\
 449 &:= 1^4 + 2^1 + 2^2 + 18^0 + 21^2 = 14 + 21 + 22 + 180 + 212 \\
 449 &:= 1^4 + 5^1 + 9^2 + 10^0 + 19^2 = 14 + 51 + 92 + 100 + 192 \\
 449 &:= 1^4 + 6^0 + 6^2 + 11^1 + 20^2 = 14 + 60 + 62 + 111 + 202 \\
 449 &:= 1^5 + 2^1 + 4^1 + 16^0 + 21^2 = 15 + 21 + 41 + 160 + 212 \\
 449 &:= 1^5 + 3^1 + 3^1 + 16^0 + 21^2 = 15 + 31 + 31 + 160 + 212 \\
 449 &:= 1^6 + 2^0 + 5^1 + 15^0 + 21^2 = 16 + 20 + 51 + 150 + 212 \\
 449 &:= 1^6 + 2^8 + 5^2 + 12^2 + 23^1 = 16 + 28 + 52 + 122 + 231 \\
 449 &:= 1^6 + 2^8 + 7^2 + 11^2 + 22^1 = 16 + 28 + 72 + 112 + 221 \\
 449 &:= 1^6 + 3^0 + 5^1 + 14^0 + 21^2 = 16 + 30 + 51 + 140 + 212 \\
 449 &:= 1^6 + 4^0 + 5^1 + 13^0 + 21^2 = 16 + 40 + 51 + 130 + 212 \\
 449 &:= 1^6 + 5^0 + 5^1 + 12^0 + 21^2 = 16 + 50 + 51 + 120 + 212
 \end{aligned}$$

$$\begin{aligned} 449 &:= 1^6 + 5^1 + 6^0 + 11^0 + 21^2 = 16 + 51 + 60 + 110 + 212 \\ 449 &:= 1^6 + 5^1 + 7^0 + 10^0 + 21^2 = 16 + 51 + 70 + 100 + 212 \\ 449 &:= 1^6 + 5^1 + 8^0 + 9^0 + 21^2 = 16 + 51 + 80 + 90 + 212 \\ 449 &:= 1^7 + 1^9 + 5^1 + 15^0 + 21^2 = 17 + 19 + 51 + 150 + 212 \\ 449 &:= 1^8 + 1^8 + 5^1 + 15^0 + 21^2 = 18 + 18 + 51 + 150 + 212 \\ 449 &:= 1^8 + 2^2 + 2^6 + 19^1 + 19^2 = 18 + 22 + 26 + 191 + 192 \\ 449 &:= 1^8 + 2^6 + 9^2 + 14^1 + 17^2 = 18 + 26 + 92 + 141 + 172 \\ 449 &:= 1^8 + 2^8 + 5^0 + 13^2 + 22^1 = 18 + 28 + 50 + 132 + 221 \\ 449 &:= 1^9 + 2^3 + 3^5 + 14^2 + 23^0 = 19 + 23 + 35 + 142 + 230 \\ 449 &:= 1^9 + 2^4 + 5^3 + 17^2 + 18^1 = 19 + 24 + 53 + 172 + 181 \\ 449 &:= 1^9 + 2^4 + 6^3 + 14^2 + 20^1 = 19 + 24 + 63 + 142 + 201 \\ 449 &:= 1^9 + 2^4 + 7^3 + 8^2 + 25^1 = 19 + 24 + 73 + 82 + 251 \\ 449 &:= 1^9 + 3^5 + 8^2 + 11^2 + 20^1 = 19 + 35 + 82 + 112 + 201 \\ 449 &:= 2^0 + 2^4 + 11^1 + 14^2 + 15^2 = 20 + 24 + 111 + 142 + 152 \\ 449 &:= 2^0 + 2^4 + 4^2 + 16^1 + 20^2 = 20 + 24 + 42 + 161 + 202 \\ 449 &:= 2^0 + 3^4 + 8^2 + 14^1 + 17^2 = 20 + 34 + 82 + 141 + 172 \\ 449 &:= 2^1 + 2^2 + 3^4 + 18^0 + 19^2 = 21 + 22 + 34 + 180 + 192 \\ 449 &:= 2^1 + 2^5 + 6^0 + 14^1 + 20^2 = 21 + 25 + 60 + 141 + 202 \\ 449 &:= 2^1 + 3^4 + 12^0 + 13^2 + 14^2 = 21 + 34 + 120 + 132 + 142 \\ 449 &:= 2^1 + 3^4 + 7^3 + 10^0 + 22^1 = 21 + 34 + 73 + 100 + 221 \\ 449 &:= 2^1 + 3^5 + 7^1 + 14^2 + 18^0 = 21 + 35 + 71 + 142 + 180 \\ 449 &:= 2^1 + 5^3 + 5^3 + 14^2 + 18^0 = 21 + 53 + 53 + 142 + 180 \\ 449 &:= 2^2 + 2^3 + 6^2 + 14^0 + 20^2 = 22 + 23 + 62 + 140 + 202 \\ 449 &:= 2^2 + 4^4 + 6^0 + 13^2 + 19^1 = 22 + 44 + 60 + 132 + 191 \\ 449 &:= 2^2 + 6^3 + 6^3 + 12^1 + 18^0 = 22 + 63 + 63 + 121 + 180 \\ 449 &:= 2^3 + 3^3 + 6^0 + 13^1 + 20^2 = 23 + 33 + 60 + 131 + 202 \\ 449 &:= 2^3 + 4^0 + 4^3 + 15^1 + 19^2 = 23 + 40 + 43 + 151 + 192 \\ 449 &:= 2^3 + 4^2 + 10^0 + 10^2 + 18^2 = 23 + 42 + 100 + 102 + 182 \\ 449 &:= 2^3 + 6^0 + 10^2 + 12^2 + 14^2 = 23 + 60 + 102 + 122 + 142 \\ 449 &:= 2^3 + 7^3 + 9^2 + 10^0 + 16^1 = 23 + 73 + 92 + 100 + 161 \\ 449 &:= 2^4 + 2^5 + 2^8 + 12^2 + 25^0 = 24 + 25 + 28 + 122 + 250 \\ 449 &:= 2^4 + 5^2 + 7^1 + 10^0 + 20^2 = 24 + 52 + 71 + 100 + 202 \\ 449 &:= 2^4 + 6^0 + 7^1 + 13^2 + 16^2 = 24 + 60 + 71 + 132 + 162 \\ 449 &:= 2^4 + 6^0 + 8^1 + 10^2 + 18^2 = 24 + 60 + 81 + 102 + 182 \\ 449 &:= 2^4 + 7^1 + 8^0 + 8^2 + 19^2 = 24 + 71 + 80 + 82 + 192 \\ 449 &:= 2^5 + 2^5 + 2^7 + 16^2 + 21^0 = 25 + 25 + 27 + 162 + 210 \\ 449 &:= 2^5 + 3^1 + 6^0 + 13^1 + 20^2 = 25 + 31 + 60 + 131 + 202 \\ 449 &:= 2^5 + 4^1 + 6^0 + 12^1 + 20^2 = 25 + 41 + 60 + 121 + 202 \end{aligned}$$

$$\begin{aligned} 449 &:= 2^5 + 5^1 + 6^0 + 11^1 + 20^2 = 25 + 51 + 60 + 111 + 202 \\ 449 &:= 2^5 + 6^0 + 6^1 + 10^1 + 20^2 = 25 + 60 + 61 + 101 + 202 \\ 449 &:= 2^5 + 6^0 + 7^1 + 9^1 + 20^2 = 25 + 60 + 71 + 91 + 202 \\ 449 &:= 2^5 + 6^0 + 8^1 + 8^1 + 20^2 = 25 + 60 + 81 + 81 + 202 \\ 449 &:= 2^6 + 2^7 + 3^5 + 13^1 + 23^0 = 26 + 27 + 35 + 131 + 230 \\ 449 &:= 2^6 + 2^8 + 4^3 + 8^2 + 27^0 = 26 + 28 + 43 + 82 + 270 \\ 449 &:= 3^1 + 3^4 + 7^3 + 10^0 + 21^1 = 31 + 34 + 73 + 100 + 211 \\ 449 &:= 3^1 + 3^5 + 6^1 + 14^2 + 18^0 = 31 + 35 + 61 + 142 + 180 \\ 449 &:= 3^1 + 4^3 + 5^3 + 16^0 + 16^2 = 31 + 43 + 53 + 160 + 162 \\ 449 &:= 3^2 + 4^4 + 10^0 + 13^2 + 14^1 = 32 + 44 + 100 + 132 + 141 \\ 449 &:= 3^2 + 5^2 + 5^3 + 14^0 + 17^2 = 32 + 52 + 53 + 140 + 172 \\ 449 &:= 3^2 + 6^3 + 6^3 + 7^1 + 22^0 = 32 + 63 + 63 + 71 + 220 \\ 449 &:= 3^3 + 4^2 + 9^2 + 10^0 + 18^2 = 33 + 42 + 92 + 100 + 182 \\ 449 &:= 3^3 + 5^3 + 7^1 + 12^0 + 17^2 = 33 + 53 + 71 + 120 + 172 \\ 449 &:= 3^3 + 6^0 + 9^2 + 12^2 + 14^2 = 33 + 60 + 92 + 122 + 142 \\ 449 &:= 3^3 + 6^3 + 9^1 + 12^0 + 14^2 = 33 + 63 + 91 + 120 + 142 \\ 449 &:= 3^3 + 7^3 + 8^2 + 12^0 + 14^1 = 33 + 73 + 82 + 120 + 141 \\ 449 &:= 3^4 + 4^0 + 10^2 + 11^1 + 16^2 = 34 + 40 + 102 + 111 + 162 \\ 449 &:= 3^4 + 4^1 + 7^3 + 10^0 + 20^1 = 34 + 41 + 73 + 100 + 201 \\ 449 &:= 3^4 + 5^1 + 7^3 + 10^0 + 19^1 = 34 + 51 + 73 + 100 + 191 \\ 449 &:= 3^4 + 6^1 + 7^3 + 10^0 + 18^1 = 34 + 61 + 73 + 100 + 181 \\ 449 &:= 3^4 + 6^2 + 7^1 + 10^0 + 18^2 = 34 + 62 + 71 + 100 + 182 \\ 449 &:= 3^4 + 7^1 + 7^3 + 10^0 + 17^1 = 34 + 71 + 73 + 100 + 171 \\ 449 &:= 3^4 + 7^3 + 10^0 + 10^1 + 14^1 = 34 + 73 + 100 + 101 + 141 \\ 449 &:= 3^4 + 7^3 + 10^0 + 11^1 + 13^1 = 34 + 73 + 100 + 111 + 131 \\ 449 &:= 3^4 + 7^3 + 10^0 + 12^1 + 12^1 = 34 + 73 + 100 + 121 + 121 \\ 449 &:= 3^4 + 7^3 + 8^1 + 10^0 + 16^1 = 34 + 73 + 81 + 100 + 161 \\ 449 &:= 3^4 + 7^3 + 9^1 + 10^0 + 15^1 = 34 + 73 + 91 + 100 + 151 \\ 449 &:= 3^5 + 4^1 + 5^1 + 14^2 + 18^0 = 35 + 41 + 51 + 142 + 180 \\ 449 &:= 4^0 + 4^2 + 4^3 + 7^3 + 25^1 = 40 + 42 + 43 + 73 + 251 \\ 449 &:= 4^2 + 4^4 + 7^1 + 13^2 + 16^0 = 42 + 44 + 71 + 132 + 160 \\ 449 &:= 4^2 + 5^2 + 7^3 + 8^2 + 20^0 = 42 + 52 + 73 + 82 + 200 \\ 449 &:= 4^3 + 5^1 + 6^2 + 7^3 + 22^0 = 43 + 51 + 62 + 73 + 220 \\ 449 &:= 4^3 + 5^2 + 7^3 + 12^0 + 16^1 = 43 + 52 + 73 + 120 + 161 \\ 449 &:= 4^3 + 8^0 + 8^2 + 8^2 + 16^2 = 43 + 80 + 82 + 82 + 162 \\ 449 &:= 4^4 + 6^2 + 10^0 + 12^1 + 12^2 = 44 + 62 + 100 + 121 + 122 \\ 449 &:= 4^4 + 7^1 + 8^2 + 11^2 + 14^0 = 44 + 71 + 82 + 112 + 140 \\ 449 &:= 4^4 + 9^2 + 10^0 + 10^2 + 11^1 = 44 + 92 + 100 + 102 + 111 \end{aligned}$$

$$449 := 5^3 + 6^3 + 7^1 + 10^2 + 16^0 = 53 + 63 + 71 + 102 + 160$$
$$449 := 5^3 + 7^2 + 7^2 + 10^0 + 15^2 = 53 + 72 + 72 + 100 + 152$$

$$449 := 5^3 + 8^0 + 9^2 + 11^2 + 11^2 = 53 + 80 + 92 + 112 + 112$$

2.2.351 Number 450

$$450 := 1^7 + 7^1 + 15^0 + 21^2 = 17 + 71 + 150 + 212$$
$$450 := 2^4 + 5^3 + 17^2 + 20^1 = 24 + 53 + 172 + 201$$
$$450 := 2^4 + 6^3 + 14^2 + 22^1 = 24 + 63 + 142 + 221$$
$$450 := 2^4 + 7^3 + 8^2 + 27^1 = 24 + 73 + 82 + 271$$
$$450 := 3^5 + 5^3 + 9^2 + 27^0 = 35 + 53 + 92 + 270$$
$$450 := 3^5 + 8^2 + 11^2 + 22^1 = 35 + 82 + 112 + 221$$
$$450 := 1^0 + 1^7 + 6^1 + 15^0 + 21^2 = 10 + 17 + 61 + 150 + 212$$
$$450 := 1^0 + 2^4 + 5^3 + 17^2 + 19^1 = 10 + 24 + 53 + 172 + 191$$
$$450 := 1^0 + 2^4 + 6^3 + 14^2 + 21^1 = 10 + 24 + 63 + 142 + 211$$
$$450 := 1^0 + 2^4 + 7^3 + 8^2 + 26^1 = 10 + 24 + 73 + 82 + 261$$
$$450 := 1^0 + 3^5 + 8^2 + 11^2 + 21^1 = 10 + 35 + 82 + 112 + 211$$
$$450 := 1^1 + 1^6 + 6^1 + 15^0 + 21^2 = 11 + 16 + 61 + 150 + 212$$
$$450 := 1^1 + 2^4 + 12^1 + 14^2 + 15^2 = 11 + 24 + 121 + 142 + 152$$
$$450 := 1^1 + 2^4 + 4^2 + 17^1 + 20^2 = 11 + 24 + 42 + 171 + 202$$
$$450 := 1^1 + 2^5 + 4^2 + 17^0 + 20^2 = 11 + 25 + 42 + 170 + 202$$
$$450 := 1^1 + 3^2 + 3^5 + 14^2 + 23^0 = 11 + 32 + 35 + 142 + 230$$
$$450 := 1^1 + 3^4 + 8^2 + 15^1 + 17^2 = 11 + 34 + 82 + 151 + 172$$
$$450 := 1^1 + 3^5 + 6^2 + 13^2 + 21^0 = 11 + 35 + 62 + 132 + 210$$
$$450 := 1^2 + 1^5 + 6^1 + 15^0 + 21^2 = 12 + 15 + 61 + 150 + 212$$
$$450 := 1^2 + 2^2 + 3^3 + 18^1 + 20^2 = 12 + 22 + 33 + 181 + 202$$
$$450 := 1^2 + 2^3 + 5^2 + 16^1 + 20^2 = 12 + 23 + 52 + 161 + 202$$
$$450 := 1^2 + 2^5 + 5^0 + 16^1 + 20^2 = 12 + 25 + 50 + 161 + 202$$
$$450 := 1^2 + 3^3 + 11^2 + 12^1 + 17^2 = 12 + 33 + 112 + 121 + 172$$
$$450 := 1^2 + 3^4 + 7^3 + 9^0 + 24^1 = 12 + 34 + 73 + 90 + 241$$
$$450 := 1^2 + 3^5 + 9^1 + 14^2 + 17^0 = 12 + 35 + 91 + 142 + 170$$
$$450 := 1^2 + 4^2 + 6^3 + 6^3 + 27^0 = 12 + 42 + 63 + 63 + 270$$
$$450 := 1^3 + 1^4 + 6^1 + 15^0 + 21^2 = 13 + 14 + 61 + 150 + 212$$
$$450 := 1^3 + 2^2 + 12^1 + 12^2 + 17^2 = 13 + 22 + 121 + 122 + 172$$
$$450 := 1^3 + 3^0 + 4^4 + 13^2 + 23^1 = 13 + 30 + 44 + 132 + 231$$
$$450 := 1^3 + 3^2 + 5^2 + 15^1 + 20^2 = 13 + 32 + 52 + 151 + 202$$
$$450 := 1^3 + 3^3 + 11^0 + 14^2 + 15^2 = 13 + 33 + 110 + 142 + 152$$
$$450 := 1^3 + 3^4 + 6^1 + 15^0 + 19^2 = 13 + 34 + 61 + 150 + 192$$
$$450 := 1^3 + 6^2 + 6^3 + 14^2 + 17^0 = 13 + 62 + 63 + 142 + 170$$

$$450 := 1^3 + 6^3 + 6^3 + 15^0 + 16^1 = 13 + 63 + 63 + 150 + 161$$
$$450 := 1^3 + 7^2 + 8^1 + 14^2 + 14^2 = 13 + 72 + 81 + 142 + 142$$
$$450 := 1^3 + 8^1 + 8^2 + 11^2 + 16^2 = 13 + 81 + 82 + 112 + 162$$
$$450 := 1^4 + 3^0 + 7^3 + 9^2 + 24^1 = 14 + 30 + 73 + 92 + 241$$
$$450 := 1^4 + 5^1 + 7^3 + 10^2 + 21^0 = 14 + 51 + 73 + 102 + 210$$
$$450 := 1^4 + 6^3 + 7^1 + 15^0 + 15^2 = 14 + 63 + 71 + 150 + 152$$
$$450 := 1^5 + 2^2 + 3^1 + 17^0 + 21^2 = 15 + 22 + 31 + 170 + 212$$
$$450 := 1^5 + 2^6 + 2^7 + 16^2 + 22^0 = 15 + 26 + 27 + 162 + 220$$
$$450 := 1^5 + 3^1 + 11^0 + 11^2 + 18^2 = 15 + 31 + 110 + 112 + 182$$
$$450 := 1^5 + 5^0 + 6^2 + 12^1 + 20^2 = 15 + 50 + 62 + 121 + 202$$
$$450 := 1^5 + 6^1 + 9^0 + 9^2 + 19^2 = 15 + 61 + 90 + 92 + 192$$
$$450 := 1^6 + 2^1 + 5^1 + 15^0 + 21^2 = 16 + 21 + 51 + 150 + 212$$
$$450 := 1^6 + 3^1 + 4^1 + 15^0 + 21^2 = 16 + 31 + 41 + 150 + 212$$
$$450 := 1^7 + 2^0 + 6^1 + 14^0 + 21^2 = 17 + 20 + 61 + 140 + 212$$
$$450 := 1^7 + 3^0 + 6^1 + 13^0 + 21^2 = 17 + 30 + 61 + 130 + 212$$
$$450 := 1^7 + 4^0 + 6^1 + 12^0 + 21^2 = 17 + 40 + 61 + 120 + 212$$
$$450 := 1^7 + 5^0 + 6^1 + 11^0 + 21^2 = 17 + 50 + 61 + 110 + 212$$
$$450 := 1^7 + 6^0 + 6^1 + 10^0 + 21^2 = 17 + 60 + 61 + 100 + 212$$
$$450 := 1^7 + 6^1 + 7^0 + 9^0 + 21^2 = 17 + 61 + 70 + 90 + 212$$
$$450 := 1^7 + 6^1 + 8^0 + 8^0 + 21^2 = 17 + 61 + 80 + 80 + 212$$
$$450 := 1^8 + 1^9 + 6^1 + 14^0 + 21^2 = 18 + 19 + 61 + 140 + 212$$
$$450 := 1^8 + 2^7 + 4^3 + 16^2 + 20^0 = 18 + 27 + 43 + 162 + 200$$
$$450 := 1^9 + 2^4 + 2^5 + 18^0 + 20^2 = 19 + 24 + 25 + 180 + 202$$
$$450 := 1^9 + 2^7 + 8^2 + 16^0 + 16^2 = 19 + 27 + 82 + 160 + 162$$
$$450 := 1^9 + 2^8 + 4^0 + 13^2 + 23^1 = 19 + 28 + 40 + 132 + 231$$
$$450 := 2^1 + 2^4 + 11^1 + 14^2 + 15^2 = 21 + 24 + 111 + 142 + 152$$
$$450 := 2^1 + 2^4 + 4^2 + 16^1 + 20^2 = 21 + 24 + 42 + 161 + 202$$
$$450 := 2^1 + 3^4 + 8^2 + 14^1 + 17^2 = 21 + 34 + 82 + 141 + 172$$
$$450 := 2^2 + 2^2 + 4^3 + 17^1 + 19^2 = 22 + 22 + 43 + 171 + 192$$
$$450 := 2^2 + 2^3 + 8^2 + 13^1 + 19^2 = 22 + 23 + 82 + 131 + 192$$
$$450 := 2^2 + 2^5 + 7^0 + 13^1 + 20^2 = 22 + 25 + 70 + 131 + 202$$
$$450 := 2^2 + 3^4 + 7^3 + 11^0 + 21^1 = 22 + 34 + 73 + 110 + 211$$
$$450 := 2^2 + 3^5 + 6^1 + 14^2 + 19^0 = 22 + 35 + 61 + 142 + 190$$

$$\begin{aligned}450 &:= 2^2 + 4^2 + 5^3 + 16^1 + 17^2 = 22 + 42 + 53 + 161 + 172 \\450 &:= 2^2 + 4^2 + 6^3 + 14^2 + 18^1 = 22 + 42 + 63 + 142 + 181 \\450 &:= 2^2 + 4^2 + 7^3 + 8^2 + 23^1 = 22 + 42 + 73 + 82 + 231 \\450 &:= 2^2 + 4^3 + 5^3 + 16^2 + 17^0 = 22 + 43 + 53 + 162 + 170 \\450 &:= 2^2 + 4^3 + 9^2 + 12^1 + 17^2 = 22 + 43 + 92 + 121 + 172 \\450 &:= 2^2 + 9^2 + 10^2 + 11^2 + 12^2 = 22 + 92 + 102 + 112 + 122 \\450 &:= 2^3 + 2^3 + 11^0 + 12^2 + 17^2 = 23 + 23 + 110 + 122 + 172 \\450 &:= 2^3 + 4^2 + 4^3 + 15^0 + 19^2 = 23 + 42 + 43 + 150 + 192 \\450 &:= 2^3 + 4^3 + 11^0 + 11^2 + 16^2 = 23 + 43 + 110 + 112 + 162 \\450 &:= 2^3 + 4^4 + 9^0 + 13^2 + 16^1 = 23 + 44 + 90 + 132 + 161 \\450 &:= 2^3 + 6^3 + 6^3 + 9^1 + 21^0 = 23 + 63 + 63 + 91 + 210 \\450 &:= 2^3 + 6^3 + 9^2 + 12^2 + 15^0 = 23 + 63 + 92 + 122 + 150 \\450 &:= 2^3 + 7^2 + 7^2 + 7^3 + 21^0 = 23 + 72 + 72 + 73 + 210 \\450 &:= 2^3 + 8^1 + 8^2 + 9^2 + 17^2 = 23 + 81 + 82 + 92 + 172 \\450 &:= 2^4 + 3^0 + 6^3 + 6^3 + 27^0 = 24 + 30 + 63 + 63 + 270 \\450 &:= 2^4 + 3^1 + 10^1 + 14^2 + 15^2 = 24 + 31 + 101 + 142 + 152 \\450 &:= 2^4 + 3^1 + 4^2 + 15^1 + 20^2 = 24 + 31 + 42 + 151 + 202 \\450 &:= 2^4 + 3^2 + 10^2 + 11^0 + 18^2 = 24 + 32 + 102 + 110 + 182 \\450 &:= 2^4 + 3^3 + 6^1 + 13^0 + 20^2 = 24 + 33 + 61 + 130 + 202 \\450 &:= 2^4 + 4^0 + 6^3 + 6^3 + 26^0 = 24 + 40 + 63 + 63 + 260 \\450 &:= 2^4 + 4^1 + 4^2 + 14^1 + 20^2 = 24 + 41 + 42 + 141 + 202 \\450 &:= 2^4 + 4^1 + 9^1 + 14^2 + 15^2 = 24 + 41 + 91 + 142 + 152 \\450 &:= 2^4 + 4^2 + 5^1 + 13^1 + 20^2 = 24 + 42 + 51 + 131 + 202 \\450 &:= 2^4 + 4^2 + 6^1 + 12^1 + 20^2 = 24 + 42 + 61 + 121 + 202 \\450 &:= 2^4 + 4^2 + 7^1 + 11^1 + 20^2 = 24 + 42 + 71 + 111 + 202 \\450 &:= 2^4 + 4^2 + 8^1 + 10^1 + 20^2 = 24 + 42 + 81 + 101 + 202 \\450 &:= 2^4 + 4^2 + 9^1 + 9^1 + 20^2 = 24 + 42 + 91 + 91 + 202 \\450 &:= 2^4 + 4^3 + 8^1 + 11^0 + 19^2 = 24 + 43 + 81 + 110 + 192 \\450 &:= 2^4 + 5^0 + 6^3 + 6^3 + 25^0 = 24 + 50 + 63 + 63 + 250 \\450 &:= 2^4 + 5^1 + 8^1 + 14^2 + 15^2 = 24 + 51 + 81 + 142 + 152 \\450 &:= 2^4 + 6^0 + 6^3 + 6^3 + 24^0 = 24 + 60 + 63 + 63 + 240 \\450 &:= 2^4 + 6^1 + 7^1 + 14^2 + 15^2 = 24 + 61 + 71 + 142 + 152 \\450 &:= 2^4 + 6^2 + 6^2 + 11^0 + 19^2 = 24 + 62 + 62 + 110 + 192 \\450 &:= 2^4 + 6^3 + 6^3 + 10^0 + 20^0 = 24 + 63 + 63 + 100 + 200 \\450 &:= 2^4 + 6^3 + 6^3 + 11^0 + 19^0 = 24 + 63 + 63 + 110 + 190 \\450 &:= 2^4 + 6^3 + 6^3 + 12^0 + 18^0 = 24 + 63 + 63 + 120 + 180 \\450 &:= 2^4 + 6^3 + 6^3 + 13^0 + 17^0 = 24 + 63 + 63 + 130 + 170 \\450 &:= 2^4 + 6^3 + 6^3 + 14^0 + 16^0 = 24 + 63 + 63 + 140 + 160\end{aligned}$$

$$\begin{aligned}450 &:= 2^4 + 6^3 + 6^3 + 15^0 + 15^0 = 24 + 63 + 63 + 150 + 150 \\450 &:= 2^4 + 6^3 + 6^3 + 7^0 + 23^0 = 24 + 63 + 63 + 70 + 230 \\450 &:= 2^4 + 6^3 + 6^3 + 8^0 + 22^0 = 24 + 63 + 63 + 80 + 220 \\450 &:= 2^4 + 6^3 + 6^3 + 9^0 + 21^0 = 24 + 63 + 63 + 90 + 210 \\450 &:= 2^4 + 7^0 + 8^2 + 12^2 + 15^2 = 24 + 70 + 82 + 122 + 152 \\450 &:= 2^4 + 7^3 + 9^1 + 9^2 + 17^0 = 24 + 73 + 91 + 92 + 170 \\450 &:= 2^5 + 2^6 + 2^7 + 15^2 + 22^0 = 25 + 26 + 27 + 152 + 220 \\450 &:= 2^5 + 3^0 + 9^2 + 12^1 + 18^2 = 25 + 30 + 92 + 121 + 182 \\450 &:= 2^5 + 3^2 + 8^1 + 11^0 + 20^2 = 25 + 32 + 81 + 110 + 202 \\450 &:= 2^5 + 7^0 + 7^1 + 11^2 + 17^2 = 25 + 70 + 71 + 112 + 172 \\450 &:= 2^5 + 7^1 + 7^2 + 9^0 + 19^2 = 25 + 71 + 72 + 90 + 192 \\450 &:= 3^0 + 3^3 + 3^4 + 17^1 + 18^2 = 30 + 33 + 34 + 171 + 182 \\450 &:= 3^0 + 3^3 + 4^4 + 12^2 + 22^1 = 30 + 33 + 44 + 122 + 221 \\450 &:= 3^0 + 3^4 + 5^3 + 15^2 + 18^1 = 30 + 34 + 53 + 152 + 181 \\450 &:= 3^0 + 3^5 + 4^2 + 13^2 + 21^1 = 30 + 35 + 42 + 132 + 211 \\450 &:= 3^1 + 3^4 + 8^2 + 13^1 + 17^2 = 31 + 34 + 82 + 131 + 172 \\450 &:= 3^2 + 3^4 + 7^3 + 15^0 + 16^1 = 32 + 34 + 73 + 150 + 161 \\450 &:= 3^2 + 8^2 + 8^2 + 12^2 + 13^2 = 32 + 82 + 82 + 122 + 132 \\450 &:= 3^2 + 8^2 + 9^2 + 10^2 + 14^2 = 32 + 82 + 92 + 102 + 142 \\450 &:= 3^3 + 4^3 + 7^3 + 15^0 + 15^1 = 33 + 43 + 73 + 150 + 151 \\450 &:= 3^3 + 5^2 + 5^2 + 12^1 + 19^2 = 33 + 52 + 52 + 121 + 192 \\450 &:= 3^3 + 5^2 + 8^2 + 10^1 + 18^2 = 33 + 52 + 82 + 101 + 182 \\450 &:= 3^3 + 5^2 + 9^1 + 10^2 + 17^2 = 33 + 52 + 91 + 102 + 172 \\450 &:= 3^3 + 6^1 + 10^2 + 11^2 + 14^2 = 33 + 61 + 102 + 112 + 142 \\450 &:= 3^4 + 4^1 + 8^2 + 12^1 + 17^2 = 34 + 41 + 82 + 121 + 172 \\450 &:= 3^4 + 4^2 + 7^3 + 9^1 + 21^0 = 34 + 42 + 73 + 91 + 210 \\450 &:= 3^4 + 4^3 + 5^0 + 15^1 + 17^2 = 34 + 43 + 50 + 151 + 172 \\450 &:= 3^4 + 5^1 + 8^2 + 11^1 + 17^2 = 34 + 51 + 82 + 111 + 172 \\450 &:= 3^4 + 6^1 + 8^2 + 10^1 + 17^2 = 34 + 61 + 82 + 101 + 172 \\450 &:= 3^4 + 6^3 + 8^1 + 12^2 + 15^0 = 34 + 63 + 81 + 122 + 150 \\450 &:= 3^4 + 7^1 + 8^2 + 9^1 + 17^2 = 34 + 71 + 82 + 91 + 172 \\450 &:= 3^4 + 8^1 + 8^1 + 8^2 + 17^2 = 34 + 81 + 81 + 82 + 172 \\450 &:= 3^5 + 4^1 + 9^2 + 11^2 + 17^0 = 35 + 41 + 92 + 112 + 170 \\450 &:= 3^5 + 5^2 + 11^0 + 12^1 + 13^2 = 35 + 52 + 110 + 121 + 132 \\450 &:= 3^5 + 6^1 + 10^2 + 10^2 + 15^0 = 35 + 61 + 102 + 102 + 150 \\450 &:= 3^5 + 7^2 + 9^0 + 12^2 + 13^1 = 35 + 72 + 90 + 122 + 131 \\450 &:= 4^1 + 4^4 + 5^3 + 8^2 + 23^0 = 41 + 44 + 53 + 82 + 230 \\450 &:= 4^2 + 5^2 + 11^2 + 12^2 + 12^2 = 42 + 52 + 112 + 122 + 122\end{aligned}$$

$$\begin{aligned}
 450 &:= 4^2 + 6^2 + 9^2 + 11^2 + 14^2 = 42 + 62 + 92 + 112 + 142 \\
 450 &:= 4^2 + 8^2 + 8^2 + 9^2 + 15^2 = 42 + 82 + 82 + 92 + 152 \\
 450 &:= 4^3 + 4^4 + 8^1 + 11^2 + 17^0 = 43 + 44 + 81 + 112 + 170 \\
 450 &:= 4^3 + 5^2 + 5^2 + 12^1 + 18^2 = 43 + 52 + 52 + 121 + 182 \\
 450 &:= 4^3 + 5^2 + 6^3 + 12^2 + 17^0 = 43 + 52 + 63 + 122 + 170 \\
 450 &:= 4^3 + 5^3 + 8^2 + 13^0 + 14^2 = 43 + 53 + 82 + 130 + 142 \\
 450 &:= 4^4 + 5^3 + 7^2 + 9^0 + 19^1 = 44 + 53 + 72 + 90 + 191 \\
 450 &:= 4^4 + 6^2 + 6^2 + 11^2 + 17^0 = 44 + 62 + 62 + 112 + 170
 \end{aligned}$$

$$\begin{aligned}
 450 &:= 5^2 + 5^2 + 6^2 + 7^3 + 21^1 = 52 + 52 + 62 + 73 + 211 \\
 450 &:= 5^2 + 5^2 + 6^3 + 13^2 + 15^1 = 52 + 52 + 63 + 132 + 151 \\
 450 &:= 5^2 + 5^3 + 10^1 + 11^2 + 13^2 = 52 + 53 + 101 + 112 + 132 \\
 450 &:= 5^2 + 5^3 + 8^2 + 11^1 + 15^2 = 52 + 53 + 82 + 111 + 152 \\
 450 &:= 5^2 + 6^2 + 7^2 + 12^2 + 14^2 = 52 + 62 + 72 + 122 + 142 \\
 450 &:= 5^2 + 6^2 + 8^2 + 10^2 + 15^2 = 52 + 62 + 82 + 102 + 152 \\
 450 &:= 6^2 + 6^3 + 8^2 + 11^2 + 13^1 = 62 + 63 + 82 + 112 + 131
 \end{aligned}$$

2.2.352 Number 451

$$\begin{aligned}
 451 &:= 1^6 + 2^3 + 20^0 + 21^2 = 16 + 23 + 200 + 212 \\
 451 &:= 1^6 + 5^3 + 18^2 + 20^0 = 16 + 53 + 182 + 200 \\
 451 &:= 1^7 + 7^2 + 16^0 + 20^2 = 17 + 72 + 160 + 202 \\
 451 &:= 1^8 + 8^1 + 14^0 + 21^2 = 18 + 81 + 140 + 212 \\
 451 &:= 2^8 + 4^0 + 13^2 + 25^1 = 28 + 40 + 132 + 251 \\
 451 &:= 1^0 + 1^8 + 7^1 + 14^0 + 21^2 = 10 + 18 + 71 + 140 + 212 \\
 451 &:= 1^0 + 2^6 + 6^3 + 13^2 + 22^0 = 10 + 26 + 63 + 132 + 220 \\
 451 &:= 1^0 + 2^8 + 4^0 + 13^2 + 24^1 = 10 + 28 + 40 + 132 + 241 \\
 451 &:= 1^1 + 1^7 + 7^1 + 14^0 + 21^2 = 11 + 17 + 71 + 140 + 212 \\
 451 &:= 1^1 + 3^5 + 5^3 + 9^2 + 26^0 = 11 + 35 + 53 + 92 + 260 \\
 451 &:= 1^2 + 1^6 + 7^1 + 14^0 + 21^2 = 12 + 16 + 71 + 140 + 212 \\
 451 &:= 1^3 + 1^5 + 7^1 + 14^0 + 21^2 = 13 + 15 + 71 + 140 + 212 \\
 451 &:= 1^3 + 2^3 + 6^3 + 15^2 + 20^0 = 13 + 23 + 63 + 152 + 200 \\
 451 &:= 1^3 + 2^4 + 12^0 + 12^2 + 17^2 = 13 + 24 + 120 + 122 + 172 \\
 451 &:= 1^3 + 2^5 + 4^0 + 17^1 + 20^2 = 13 + 25 + 40 + 171 + 202 \\
 451 &:= 1^3 + 3^4 + 7^3 + 8^0 + 25^1 = 13 + 34 + 73 + 80 + 251 \\
 451 &:= 1^3 + 3^5 + 10^1 + 14^2 + 16^0 = 13 + 35 + 101 + 142 + 160 \\
 451 &:= 1^3 + 4^3 + 6^3 + 13^2 + 20^0 = 13 + 43 + 63 + 132 + 200 \\
 451 &:= 1^3 + 4^4 + 7^2 + 12^2 + 20^0 = 13 + 44 + 72 + 122 + 200 \\
 451 &:= 1^4 + 1^4 + 7^1 + 14^0 + 21^2 = 14 + 14 + 71 + 140 + 212 \\
 451 &:= 1^4 + 2^0 + 4^4 + 13^2 + 24^1 = 14 + 20 + 44 + 132 + 241 \\
 451 &:= 1^4 + 2^7 + 2^7 + 13^2 + 25^1 = 14 + 27 + 27 + 132 + 251 \\
 451 &:= 1^4 + 3^4 + 7^1 + 14^0 + 19^2 = 14 + 34 + 71 + 140 + 192 \\
 451 &:= 1^4 + 5^2 + 7^3 + 9^2 + 22^0 = 14 + 52 + 73 + 92 + 220 \\
 451 &:= 1^4 + 6^3 + 6^3 + 14^0 + 17^1 = 14 + 63 + 63 + 140 + 171 \\
 451 &:= 1^4 + 6^3 + 8^2 + 13^2 + 16^0 = 14 + 63 + 82 + 132 + 160 \\
 451 &:= 1^5 + 1^9 + 4^4 + 13^2 + 24^1 = 15 + 19 + 44 + 132 + 241
 \end{aligned}$$

$$\begin{aligned}
 451 &:= 1^5 + 2^0 + 7^3 + 9^2 + 25^1 = 15 + 20 + 73 + 92 + 251 \\
 451 &:= 1^5 + 2^2 + 11^2 + 12^0 + 18^2 = 15 + 22 + 112 + 120 + 182 \\
 451 &:= 1^5 + 2^2 + 2^2 + 18^0 + 21^2 = 15 + 22 + 22 + 180 + 212 \\
 451 &:= 1^5 + 4^2 + 10^0 + 12^2 + 17^2 = 15 + 42 + 100 + 122 + 172 \\
 451 &:= 1^5 + 5^2 + 10^0 + 10^2 + 18^2 = 15 + 52 + 100 + 102 + 182 \\
 451 &:= 1^5 + 6^1 + 7^3 + 10^2 + 20^0 = 15 + 61 + 73 + 102 + 200 \\
 451 &:= 1^5 + 6^3 + 8^1 + 14^0 + 15^2 = 15 + 63 + 81 + 140 + 152 \\
 451 &:= 1^5 + 7^2 + 8^0 + 12^2 + 16^2 = 15 + 72 + 80 + 122 + 162 \\
 451 &:= 1^6 + 1^8 + 4^4 + 13^2 + 24^1 = 16 + 18 + 44 + 132 + 241 \\
 451 &:= 1^6 + 1^9 + 7^3 + 9^2 + 25^1 = 16 + 19 + 73 + 92 + 251 \\
 451 &:= 1^6 + 2^2 + 4^1 + 16^0 + 21^2 = 16 + 22 + 41 + 160 + 212 \\
 451 &:= 1^6 + 4^0 + 6^2 + 13^1 + 20^2 = 16 + 40 + 62 + 131 + 202 \\
 451 &:= 1^6 + 4^1 + 10^0 + 11^2 + 18^2 = 16 + 41 + 100 + 112 + 182 \\
 451 &:= 1^6 + 7^1 + 8^0 + 9^2 + 19^2 = 16 + 71 + 80 + 92 + 192 \\
 451 &:= 1^7 + 1^7 + 4^4 + 13^2 + 24^1 = 17 + 17 + 44 + 132 + 241 \\
 451 &:= 1^7 + 1^8 + 7^3 + 9^2 + 25^1 = 17 + 18 + 73 + 92 + 251 \\
 451 &:= 1^7 + 2^1 + 6^1 + 14^0 + 21^2 = 17 + 21 + 61 + 140 + 212 \\
 451 &:= 1^7 + 2^5 + 2^7 + 17^2 + 21^0 = 17 + 25 + 27 + 172 + 210 \\
 451 &:= 1^7 + 3^1 + 5^1 + 14^0 + 21^2 = 17 + 31 + 51 + 140 + 212 \\
 451 &:= 1^7 + 4^1 + 4^1 + 14^0 + 21^2 = 17 + 41 + 41 + 140 + 212 \\
 451 &:= 1^8 + 2^0 + 7^1 + 13^0 + 21^2 = 18 + 20 + 71 + 130 + 212 \\
 451 &:= 1^8 + 2^7 + 6^3 + 9^2 + 25^1 = 18 + 27 + 63 + 92 + 251 \\
 451 &:= 1^8 + 3^0 + 7^1 + 12^0 + 21^2 = 18 + 30 + 71 + 120 + 212 \\
 451 &:= 1^8 + 4^0 + 7^1 + 11^0 + 21^2 = 18 + 40 + 71 + 110 + 212 \\
 451 &:= 1^8 + 5^0 + 7^1 + 10^0 + 21^2 = 18 + 50 + 71 + 100 + 212 \\
 451 &:= 1^8 + 6^0 + 7^1 + 9^0 + 21^2 = 18 + 60 + 71 + 90 + 212 \\
 451 &:= 1^8 + 7^0 + 7^1 + 8^0 + 21^2 = 18 + 70 + 71 + 80 + 212
 \end{aligned}$$

$$\begin{aligned}
 451 &:= 1^9 + 1^9 + 7^1 + 13^0 + 21^2 = 19 + 19 + 71 + 130 + 212 \\
 451 &:= 1^9 + 2^7 + 5^3 + 14^2 + 21^0 = 19 + 27 + 53 + 142 + 210 \\
 451 &:= 1^9 + 2^7 + 7^2 + 16^2 + 17^1 = 19 + 27 + 72 + 162 + 171 \\
 451 &:= 1^9 + 2^7 + 9^2 + 15^2 + 16^1 = 19 + 27 + 92 + 152 + 161 \\
 451 &:= 1^9 + 2^8 + 7^2 + 12^2 + 21^0 = 19 + 28 + 72 + 122 + 210 \\
 451 &:= 1^9 + 3^4 + 3^5 + 10^2 + 26^1 = 19 + 34 + 35 + 102 + 261 \\
 451 &:= 2^0 + 2^4 + 2^4 + 18^1 + 20^2 = 20 + 24 + 24 + 181 + 202 \\
 451 &:= 2^0 + 2^5 + 7^2 + 7^3 + 26^1 = 20 + 25 + 72 + 73 + 261 \\
 451 &:= 2^0 + 2^6 + 6^3 + 13^2 + 21^0 = 20 + 26 + 63 + 132 + 210 \\
 451 &:= 2^0 + 2^8 + 3^0 + 13^2 + 24^1 = 20 + 28 + 30 + 132 + 241 \\
 451 &:= 2^3 + 2^5 + 10^0 + 10^1 + 20^2 = 23 + 25 + 100 + 101 + 202 \\
 451 &:= 2^3 + 3^1 + 3^5 + 14^2 + 22^0 = 23 + 31 + 35 + 142 + 220 \\
 451 &:= 2^3 + 3^4 + 7^3 + 14^0 + 18^1 = 23 + 34 + 73 + 140 + 181 \\
 451 &:= 2^4 + 3^2 + 4^3 + 16^0 + 19^2 = 24 + 32 + 43 + 160 + 192 \\
 451 &:= 2^4 + 4^0 + 4^3 + 7^3 + 27^1 = 24 + 40 + 43 + 73 + 271 \\
 451 &:= 2^4 + 4^3 + 9^2 + 12^0 + 17^2 = 24 + 43 + 92 + 120 + 172 \\
 451 &:= 2^4 + 4^4 + 9^1 + 13^2 + 16^0 = 24 + 44 + 91 + 132 + 160 \\
 451 &:= 2^4 + 6^3 + 7^2 + 13^2 + 16^0 = 24 + 63 + 72 + 132 + 160 \\
 451 &:= 2^5 + 3^2 + 3^2 + 16^0 + 20^2 = 25 + 32 + 32 + 160 + 202 \\
 451 &:= 2^5 + 4^1 + 5^3 + 16^0 + 17^2 = 25 + 41 + 53 + 160 + 172 \\
 451 &:= 2^5 + 6^1 + 6^3 + 14^2 + 16^0 = 25 + 61 + 63 + 142 + 160 \\
 451 &:= 2^5 + 7^2 + 8^0 + 12^2 + 15^2 = 25 + 72 + 80 + 122 + 152 \\
 451 &:= 2^5 + 7^3 + 8^2 + 11^1 + 16^0 = 25 + 73 + 82 + 111 + 160 \\
 451 &:= 2^5 + 8^0 + 9^2 + 9^2 + 16^2 = 25 + 80 + 92 + 92 + 162 \\
 451 &:= 2^6 + 3^0 + 6^3 + 13^2 + 20^0 = 26 + 30 + 63 + 132 + 200
 \end{aligned}$$

$$\begin{aligned}
 451 &:= 2^6 + 3^2 + 4^0 + 16^1 + 19^2 = 26 + 32 + 40 + 161 + 192 \\
 451 &:= 2^6 + 4^0 + 6^3 + 13^2 + 19^0 = 26 + 40 + 63 + 132 + 190 \\
 451 &:= 2^6 + 4^0 + 7^2 + 13^1 + 18^2 = 26 + 40 + 72 + 131 + 182 \\
 451 &:= 2^6 + 4^2 + 9^1 + 10^0 + 19^2 = 26 + 42 + 91 + 100 + 192 \\
 451 &:= 2^6 + 5^0 + 6^3 + 13^2 + 18^0 = 26 + 50 + 63 + 132 + 180 \\
 451 &:= 2^6 + 6^0 + 6^3 + 13^2 + 17^0 = 26 + 60 + 63 + 132 + 170 \\
 451 &:= 2^6 + 6^0 + 9^1 + 11^2 + 16^2 = 26 + 60 + 91 + 112 + 162 \\
 451 &:= 2^6 + 6^3 + 10^0 + 13^0 + 13^2 = 26 + 63 + 100 + 130 + 132 \\
 451 &:= 2^6 + 6^3 + 11^0 + 12^0 + 13^2 = 26 + 63 + 110 + 120 + 132 \\
 451 &:= 2^6 + 6^3 + 7^0 + 13^2 + 16^0 = 26 + 63 + 70 + 132 + 160 \\
 451 &:= 2^6 + 6^3 + 8^0 + 13^2 + 15^0 = 26 + 63 + 80 + 132 + 150 \\
 451 &:= 2^6 + 6^3 + 9^0 + 13^2 + 14^0 = 26 + 63 + 90 + 132 + 140 \\
 451 &:= 3^2 + 3^4 + 6^3 + 12^2 + 20^0 = 32 + 34 + 63 + 122 + 200 \\
 451 &:= 3^2 + 4^3 + 4^4 + 11^2 + 22^0 = 32 + 43 + 44 + 112 + 220 \\
 451 &:= 3^3 + 3^5 + 11^1 + 13^2 + 14^0 = 33 + 35 + 111 + 132 + 140 \\
 451 &:= 3^3 + 4^2 + 4^3 + 7^3 + 26^0 = 33 + 42 + 43 + 73 + 260 \\
 451 &:= 3^4 + 4^2 + 4^3 + 16^0 + 17^2 = 34 + 42 + 43 + 160 + 172 \\
 451 &:= 3^4 + 4^3 + 7^2 + 14^0 + 16^2 = 34 + 43 + 72 + 140 + 162 \\
 451 &:= 3^4 + 4^4 + 10^2 + 13^1 + 14^0 = 34 + 44 + 102 + 131 + 140 \\
 451 &:= 3^4 + 5^3 + 10^2 + 12^2 + 14^0 = 34 + 53 + 102 + 122 + 140 \\
 451 &:= 3^5 + 4^0 + 4^3 + 11^2 + 22^1 = 35 + 40 + 43 + 112 + 221 \\
 451 &:= 3^5 + 5^3 + 8^2 + 10^0 + 18^1 = 35 + 53 + 82 + 100 + 181 \\
 451 &:= 4^3 + 4^4 + 5^1 + 5^3 + 26^0 = 43 + 44 + 51 + 53 + 260 \\
 451 &:= 4^3 + 4^4 + 7^2 + 9^2 + 20^0 = 43 + 44 + 72 + 92 + 200
 \end{aligned}$$

2.2.353 Number 452

$$\begin{aligned}
 452 &:= 1^5 + 4^4 + 13^2 + 26^1 = 15 + 44 + 132 + 261 \\
 452 &:= 1^6 + 7^3 + 9^2 + 27^1 = 16 + 73 + 92 + 271 \\
 452 &:= 1^8 + 13^0 + 15^2 + 15^2 = 18 + 130 + 152 + 152 \\
 452 &:= 1^8 + 3^2 + 19^0 + 21^2 = 18 + 32 + 190 + 212 \\
 452 &:= 1^9 + 9^1 + 13^0 + 21^2 = 19 + 91 + 130 + 212 \\
 452 &:= 2^7 + 7^2 + 16^2 + 19^1 = 27 + 72 + 162 + 191 \\
 452 &:= 2^7 + 9^2 + 15^2 + 18^1 = 27 + 92 + 152 + 181 \\
 452 &:= 3^4 + 3^5 + 10^2 + 28^1 = 34 + 35 + 102 + 281 \\
 452 &:= 1^0 + 1^5 + 4^4 + 13^2 + 25^1 = 10 + 15 + 44 + 132 + 251 \\
 452 &:= 1^0 + 1^6 + 7^3 + 9^2 + 26^1 = 10 + 16 + 73 + 92 + 261
 \end{aligned}$$

$$\begin{aligned}
 452 &:= 1^0 + 1^7 + 2^3 + 19^0 + 21^2 = 10 + 17 + 23 + 190 + 212 \\
 452 &:= 1^0 + 1^7 + 5^3 + 18^2 + 19^0 = 10 + 17 + 53 + 182 + 190 \\
 452 &:= 1^0 + 1^8 + 7^2 + 15^0 + 20^2 = 10 + 18 + 72 + 150 + 202 \\
 452 &:= 1^0 + 1^9 + 8^1 + 13^0 + 21^2 = 10 + 19 + 81 + 130 + 212 \\
 452 &:= 1^0 + 2^7 + 7^2 + 16^2 + 18^1 = 10 + 27 + 72 + 162 + 181 \\
 452 &:= 1^0 + 2^7 + 9^2 + 15^2 + 17^1 = 10 + 27 + 92 + 152 + 171 \\
 452 &:= 1^0 + 2^8 + 5^2 + 13^2 + 23^0 = 10 + 28 + 52 + 132 + 230 \\
 452 &:= 1^0 + 3^4 + 3^5 + 10^2 + 27^1 = 10 + 34 + 35 + 102 + 271 \\
 452 &:= 1^1 + 1^4 + 4^4 + 13^2 + 25^1 = 11 + 14 + 44 + 132 + 251 \\
 452 &:= 1^1 + 1^5 + 7^3 + 9^2 + 26^1 = 11 + 15 + 73 + 92 + 261
 \end{aligned}$$

$$\begin{aligned} 452 &:= 1^1 + 1^6 + 2^3 + 19^0 + 21^2 = 11 + 16 + 23 + 190 + 212 \\ 452 &:= 1^1 + 1^6 + 5^3 + 18^2 + 19^0 = 11 + 16 + 53 + 182 + 190 \\ 452 &:= 1^1 + 1^7 + 7^2 + 15^0 + 20^2 = 11 + 17 + 72 + 150 + 202 \\ 452 &:= 1^1 + 1^8 + 8^1 + 13^0 + 21^2 = 11 + 18 + 81 + 130 + 212 \\ 452 &:= 1^1 + 2^4 + 2^4 + 19^1 + 20^2 = 11 + 24 + 24 + 191 + 202 \\ 452 &:= 1^1 + 2^5 + 7^2 + 7^3 + 27^1 = 11 + 25 + 72 + 73 + 271 \\ 452 &:= 1^1 + 2^8 + 3^0 + 13^2 + 25^1 = 11 + 28 + 30 + 132 + 251 \\ 452 &:= 1^2 + 1^3 + 4^4 + 13^2 + 25^1 = 12 + 13 + 44 + 132 + 251 \\ 452 &:= 1^2 + 1^4 + 7^3 + 9^2 + 26^1 = 12 + 14 + 73 + 92 + 261 \\ 452 &:= 1^2 + 1^5 + 2^3 + 19^0 + 21^2 = 12 + 15 + 23 + 190 + 212 \\ 452 &:= 1^2 + 1^5 + 5^3 + 18^2 + 19^0 = 12 + 15 + 53 + 182 + 190 \\ 452 &:= 1^2 + 1^6 + 7^2 + 15^0 + 20^2 = 12 + 16 + 72 + 150 + 202 \\ 452 &:= 1^2 + 1^7 + 8^1 + 13^0 + 21^2 = 12 + 17 + 81 + 130 + 212 \\ 452 &:= 1^2 + 2^5 + 9^2 + 14^1 + 18^2 = 12 + 25 + 92 + 141 + 182 \\ 452 &:= 1^2 + 2^6 + 5^2 + 17^0 + 19^2 = 12 + 26 + 52 + 170 + 192 \\ 452 &:= 1^2 + 3^3 + 3^4 + 18^2 + 19^1 = 12 + 33 + 34 + 182 + 191 \\ 452 &:= 1^2 + 3^3 + 4^4 + 12^2 + 24^1 = 12 + 33 + 44 + 122 + 241 \\ 452 &:= 1^2 + 3^4 + 5^3 + 15^2 + 20^1 = 12 + 34 + 53 + 152 + 201 \\ 452 &:= 1^2 + 3^5 + 4^2 + 13^2 + 23^1 = 12 + 35 + 42 + 132 + 231 \\ 452 &:= 1^3 + 1^3 + 7^3 + 9^2 + 26^1 = 13 + 13 + 73 + 92 + 261 \\ 452 &:= 1^3 + 1^4 + 2^3 + 19^0 + 21^2 = 13 + 14 + 23 + 190 + 212 \\ 452 &:= 1^3 + 1^4 + 5^3 + 18^2 + 19^0 = 13 + 14 + 53 + 182 + 190 \\ 452 &:= 1^3 + 1^5 + 7^2 + 15^0 + 20^2 = 13 + 15 + 72 + 150 + 202 \\ 452 &:= 1^3 + 1^6 + 8^1 + 13^0 + 21^2 = 13 + 16 + 81 + 130 + 212 \\ 452 &:= 1^3 + 2^3 + 3^4 + 19^0 + 19^2 = 13 + 23 + 34 + 190 + 192 \\ 452 &:= 1^3 + 2^3 + 4^3 + 18^1 + 19^2 = 13 + 23 + 43 + 181 + 192 \\ 452 &:= 1^3 + 3^4 + 10^2 + 14^1 + 16^2 = 13 + 34 + 102 + 141 + 162 \\ 452 &:= 1^4 + 1^4 + 7^2 + 15^0 + 20^2 = 14 + 14 + 72 + 150 + 202 \\ 452 &:= 1^4 + 1^5 + 8^1 + 13^0 + 21^2 = 14 + 15 + 81 + 130 + 212 \\ 452 &:= 1^4 + 2^1 + 4^4 + 13^2 + 24^1 = 14 + 21 + 44 + 132 + 241 \\ 452 &:= 1^4 + 2^5 + 3^0 + 18^1 + 20^2 = 14 + 25 + 30 + 181 + 202 \\ 452 &:= 1^4 + 3^1 + 4^4 + 13^2 + 23^1 = 14 + 31 + 44 + 132 + 231 \\ 452 &:= 1^4 + 3^2 + 4^3 + 17^1 + 19^2 = 14 + 32 + 43 + 171 + 192 \\ 452 &:= 1^4 + 3^3 + 7^2 + 14^1 + 19^2 = 14 + 33 + 72 + 141 + 192 \\ 452 &:= 1^4 + 3^4 + 12^2 + 13^0 + 15^2 = 14 + 34 + 122 + 130 + 152 \\ 452 &:= 1^4 + 3^4 + 7^0 + 7^3 + 26^1 = 14 + 34 + 70 + 73 + 261 \\ 452 &:= 1^4 + 3^5 + 11^1 + 14^2 + 15^0 = 14 + 35 + 111 + 142 + 150 \\ 452 &:= 1^4 + 4^1 + 4^4 + 13^2 + 22^1 = 14 + 41 + 44 + 132 + 221 \end{aligned}$$

$$\begin{aligned} 452 &:= 1^4 + 4^3 + 7^2 + 14^1 + 18^2 = 14 + 43 + 72 + 141 + 182 \\ 452 &:= 1^4 + 4^4 + 10^1 + 13^2 + 16^1 = 14 + 44 + 101 + 132 + 161 \\ 452 &:= 1^4 + 4^4 + 11^1 + 13^2 + 15^1 = 14 + 44 + 111 + 132 + 151 \\ 452 &:= 1^4 + 4^4 + 12^1 + 13^2 + 14^1 = 14 + 44 + 121 + 132 + 141 \\ 452 &:= 1^4 + 4^4 + 13^1 + 13^1 + 13^2 = 14 + 44 + 131 + 131 + 132 \\ 452 &:= 1^4 + 4^4 + 5^1 + 13^2 + 21^1 = 14 + 44 + 51 + 132 + 211 \\ 452 &:= 1^4 + 4^4 + 5^2 + 13^2 + 21^0 = 14 + 44 + 52 + 132 + 210 \\ 452 &:= 1^4 + 4^4 + 6^1 + 13^2 + 20^1 = 14 + 44 + 61 + 132 + 201 \\ 452 &:= 1^4 + 4^4 + 7^1 + 13^2 + 19^1 = 14 + 44 + 71 + 132 + 191 \\ 452 &:= 1^4 + 4^4 + 8^1 + 13^2 + 18^1 = 14 + 44 + 81 + 132 + 181 \\ 452 &:= 1^4 + 4^4 + 9^1 + 13^2 + 17^1 = 14 + 44 + 91 + 132 + 171 \\ 452 &:= 1^4 + 5^3 + 12^2 + 13^1 + 13^2 = 14 + 53 + 122 + 131 + 132 \\ 452 &:= 1^4 + 6^2 + 7^2 + 7^3 + 23^1 = 14 + 62 + 72 + 73 + 231 \\ 452 &:= 1^4 + 6^3 + 7^2 + 13^2 + 17^1 = 14 + 63 + 72 + 132 + 171 \\ 452 &:= 1^5 + 2^1 + 7^3 + 9^2 + 25^1 = 15 + 21 + 73 + 92 + 251 \\ 452 &:= 1^5 + 2^3 + 9^2 + 13^0 + 19^2 = 15 + 23 + 92 + 130 + 192 \\ 452 &:= 1^5 + 3^1 + 7^3 + 9^2 + 24^1 = 15 + 31 + 73 + 92 + 241 \\ 452 &:= 1^5 + 3^2 + 6^3 + 15^2 + 19^0 = 15 + 32 + 63 + 152 + 190 \\ 452 &:= 1^5 + 3^4 + 8^1 + 13^0 + 19^2 = 15 + 34 + 81 + 130 + 192 \\ 452 &:= 1^5 + 4^1 + 7^3 + 9^2 + 23^1 = 15 + 41 + 73 + 92 + 231 \\ 452 &:= 1^5 + 4^2 + 10^1 + 13^2 + 16^2 = 15 + 42 + 101 + 132 + 162 \\ 452 &:= 1^5 + 4^2 + 10^2 + 11^1 + 18^2 = 15 + 42 + 102 + 111 + 182 \\ 452 &:= 1^5 + 4^3 + 5^2 + 15^0 + 19^2 = 15 + 43 + 52 + 150 + 192 \\ 452 &:= 1^5 + 5^1 + 7^3 + 9^2 + 22^1 = 15 + 51 + 73 + 92 + 221 \\ 452 &:= 1^5 + 5^3 + 10^2 + 13^0 + 15^2 = 15 + 53 + 102 + 130 + 152 \\ 452 &:= 1^5 + 5^3 + 6^2 + 15^0 + 17^2 = 15 + 53 + 62 + 150 + 172 \\ 452 &:= 1^5 + 6^1 + 7^3 + 9^2 + 21^1 = 15 + 61 + 73 + 92 + 211 \\ 452 &:= 1^5 + 6^2 + 9^2 + 10^1 + 18^2 = 15 + 62 + 92 + 101 + 182 \\ 452 &:= 1^5 + 6^3 + 6^3 + 13^0 + 18^1 = 15 + 63 + 63 + 130 + 181 \\ 452 &:= 1^5 + 7^1 + 7^3 + 9^2 + 20^1 = 15 + 71 + 73 + 92 + 201 \\ 452 &:= 1^5 + 7^2 + 8^1 + 13^2 + 15^2 = 15 + 72 + 81 + 132 + 152 \\ 452 &:= 1^5 + 7^3 + 8^1 + 9^2 + 19^1 = 15 + 73 + 81 + 92 + 191 \\ 452 &:= 1^5 + 7^3 + 9^1 + 9^2 + 18^1 = 15 + 73 + 91 + 92 + 181 \\ 452 &:= 1^5 + 7^3 + 9^2 + 10^1 + 17^1 = 15 + 73 + 92 + 101 + 171 \\ 452 &:= 1^5 + 7^3 + 9^2 + 11^1 + 16^1 = 15 + 73 + 92 + 111 + 161 \\ 452 &:= 1^5 + 7^3 + 9^2 + 12^1 + 15^1 = 15 + 73 + 92 + 121 + 151 \\ 452 &:= 1^5 + 7^3 + 9^2 + 13^1 + 14^1 = 15 + 73 + 92 + 131 + 141 \\ 452 &:= 1^6 + 5^2 + 5^2 + 13^0 + 20^2 = 16 + 52 + 52 + 130 + 202 \end{aligned}$$

$$\begin{aligned} 452 &:= 1^6 + 5^2 + 8^2 + 11^0 + 19^2 = 16 + 52 + 82 + 110 + 192 \\ 452 &:= 1^6 + 5^2 + 9^0 + 13^2 + 16^2 = 16 + 52 + 90 + 132 + 162 \\ 452 &:= 1^6 + 6^3 + 9^1 + 13^0 + 15^2 = 16 + 63 + 91 + 130 + 152 \\ 452 &:= 1^6 + 7^0 + 9^2 + 12^2 + 15^2 = 16 + 70 + 92 + 122 + 152 \\ 452 &:= 1^6 + 7^1 + 7^3 + 10^2 + 19^0 = 16 + 71 + 73 + 102 + 190 \\ 452 &:= 1^7 + 2^0 + 2^3 + 18^0 + 21^2 = 17 + 20 + 23 + 180 + 212 \\ 452 &:= 1^7 + 2^0 + 5^3 + 18^0 + 18^2 = 17 + 20 + 53 + 180 + 182 \\ 452 &:= 1^7 + 2^2 + 5^1 + 15^0 + 21^2 = 17 + 22 + 51 + 150 + 212 \\ 452 &:= 1^7 + 2^3 + 10^0 + 10^0 + 21^2 = 17 + 23 + 100 + 100 + 212 \\ 452 &:= 1^7 + 2^3 + 3^0 + 17^0 + 21^2 = 17 + 23 + 30 + 170 + 212 \\ 452 &:= 1^7 + 2^3 + 4^0 + 16^0 + 21^2 = 17 + 23 + 40 + 160 + 212 \\ 452 &:= 1^7 + 2^3 + 5^0 + 15^0 + 21^2 = 17 + 23 + 50 + 150 + 212 \\ 452 &:= 1^7 + 2^3 + 6^0 + 14^0 + 21^2 = 17 + 23 + 60 + 140 + 212 \\ 452 &:= 1^7 + 2^3 + 7^0 + 13^0 + 21^2 = 17 + 23 + 70 + 130 + 212 \\ 452 &:= 1^7 + 2^3 + 8^0 + 12^0 + 21^2 = 17 + 23 + 80 + 120 + 212 \\ 452 &:= 1^7 + 2^3 + 9^0 + 11^0 + 21^2 = 17 + 23 + 90 + 110 + 212 \\ 452 &:= 1^7 + 3^0 + 5^3 + 17^0 + 18^2 = 17 + 30 + 53 + 170 + 182 \\ 452 &:= 1^7 + 3^0 + 6^2 + 14^1 + 20^2 = 17 + 30 + 62 + 141 + 202 \\ 452 &:= 1^7 + 4^0 + 5^3 + 16^0 + 18^2 = 17 + 40 + 53 + 160 + 182 \\ 452 &:= 1^7 + 5^0 + 5^3 + 15^0 + 18^2 = 17 + 50 + 53 + 150 + 182 \\ 452 &:= 1^7 + 5^1 + 9^0 + 11^2 + 18^2 = 17 + 51 + 90 + 112 + 182 \\ 452 &:= 1^7 + 5^3 + 10^0 + 10^0 + 18^2 = 17 + 53 + 100 + 100 + 182 \\ 452 &:= 1^7 + 5^3 + 6^0 + 14^0 + 18^2 = 17 + 53 + 60 + 140 + 182 \\ 452 &:= 1^7 + 5^3 + 7^0 + 13^0 + 18^2 = 17 + 53 + 70 + 130 + 182 \\ 452 &:= 1^7 + 5^3 + 8^0 + 12^0 + 18^2 = 17 + 53 + 80 + 120 + 182 \\ 452 &:= 1^7 + 5^3 + 9^0 + 11^0 + 18^2 = 17 + 53 + 90 + 110 + 182 \\ 452 &:= 1^7 + 7^0 + 8^1 + 9^2 + 19^2 = 17 + 70 + 81 + 92 + 192 \\ 452 &:= 1^8 + 1^9 + 2^3 + 18^0 + 21^2 = 18 + 19 + 23 + 180 + 212 \\ 452 &:= 1^8 + 1^9 + 5^3 + 18^0 + 18^2 = 18 + 19 + 53 + 180 + 182 \\ 452 &:= 1^8 + 2^0 + 7^2 + 14^0 + 20^2 = 18 + 20 + 72 + 140 + 202 \\ 452 &:= 1^8 + 2^1 + 7^1 + 13^0 + 21^2 = 18 + 21 + 71 + 130 + 212 \\ 452 &:= 1^8 + 3^0 + 7^2 + 13^0 + 20^2 = 18 + 30 + 72 + 130 + 202 \\ 452 &:= 1^8 + 3^1 + 6^1 + 13^0 + 21^2 = 18 + 31 + 61 + 130 + 212 \\ 452 &:= 1^8 + 4^0 + 7^2 + 12^0 + 20^2 = 18 + 40 + 72 + 120 + 202 \\ 452 &:= 1^8 + 4^1 + 5^1 + 13^0 + 21^2 = 18 + 41 + 51 + 130 + 212 \\ 452 &:= 1^8 + 5^0 + 7^2 + 11^0 + 20^2 = 18 + 50 + 72 + 110 + 202 \\ 452 &:= 1^8 + 6^0 + 7^2 + 10^0 + 20^2 = 18 + 60 + 72 + 100 + 202 \\ 452 &:= 1^8 + 7^0 + 7^2 + 9^0 + 20^2 = 18 + 70 + 72 + 90 + 202 \end{aligned}$$

$$\begin{aligned} 452 &:= 1^8 + 7^2 + 8^0 + 8^0 + 20^2 = 18 + 72 + 80 + 80 + 202 \\ 452 &:= 1^9 + 1^9 + 7^2 + 14^0 + 20^2 = 19 + 19 + 72 + 140 + 202 \\ 452 &:= 1^9 + 2^0 + 8^1 + 12^0 + 21^2 = 19 + 20 + 81 + 120 + 212 \\ 452 &:= 1^9 + 3^0 + 8^1 + 11^0 + 21^2 = 19 + 30 + 81 + 110 + 212 \\ 452 &:= 1^9 + 4^0 + 8^1 + 10^0 + 21^2 = 19 + 40 + 81 + 100 + 212 \\ 452 &:= 1^9 + 5^0 + 8^1 + 9^0 + 21^2 = 19 + 50 + 81 + 90 + 212 \\ 452 &:= 1^9 + 6^0 + 8^0 + 8^1 + 21^2 = 19 + 60 + 80 + 81 + 212 \\ 452 &:= 1^9 + 7^0 + 7^0 + 8^1 + 21^2 = 19 + 70 + 70 + 81 + 212 \\ 452 &:= 2^0 + 2^8 + 5^2 + 13^2 + 22^0 = 20 + 28 + 52 + 132 + 220 \\ 452 &:= 2^1 + 2^4 + 2^4 + 18^1 + 20^2 = 21 + 24 + 24 + 181 + 202 \\ 452 &:= 2^1 + 2^5 + 7^2 + 7^3 + 26^1 = 21 + 25 + 72 + 73 + 261 \\ 452 &:= 2^1 + 2^6 + 6^3 + 13^2 + 21^0 = 21 + 26 + 63 + 132 + 210 \\ 452 &:= 2^1 + 2^8 + 3^0 + 13^2 + 24^1 = 21 + 28 + 30 + 132 + 241 \\ 452 &:= 2^2 + 2^3 + 3^5 + 14^2 + 23^0 = 22 + 23 + 35 + 142 + 230 \\ 452 &:= 2^2 + 2^4 + 5^3 + 17^2 + 18^1 = 22 + 24 + 53 + 172 + 181 \\ 452 &:= 2^2 + 2^4 + 6^3 + 14^2 + 20^1 = 22 + 24 + 63 + 142 + 201 \\ 452 &:= 2^2 + 2^4 + 7^3 + 8^2 + 25^1 = 22 + 24 + 73 + 82 + 251 \\ 452 &:= 2^2 + 3^5 + 8^2 + 11^2 + 20^1 = 22 + 35 + 82 + 112 + 201 \\ 452 &:= 2^3 + 2^4 + 3^3 + 17^0 + 20^2 = 23 + 24 + 33 + 170 + 202 \\ 452 &:= 2^3 + 2^6 + 3^0 + 18^1 + 19^2 = 23 + 26 + 30 + 181 + 192 \\ 452 &:= 2^3 + 3^3 + 7^2 + 7^3 + 25^1 = 23 + 33 + 72 + 73 + 251 \\ 452 &:= 2^3 + 3^5 + 10^2 + 10^2 + 19^0 = 23 + 35 + 102 + 102 + 190 \\ 452 &:= 2^3 + 4^3 + 6^3 + 12^2 + 20^1 = 23 + 43 + 63 + 122 + 201 \\ 452 &:= 2^3 + 5^3 + 6^3 + 9^2 + 22^1 = 23 + 53 + 63 + 92 + 221 \\ 452 &:= 2^4 + 2^4 + 10^1 + 10^1 + 20^2 = 24 + 24 + 101 + 101 + 202 \\ 452 &:= 2^4 + 2^4 + 3^1 + 17^1 + 20^2 = 24 + 24 + 31 + 171 + 202 \\ 452 &:= 2^4 + 2^4 + 4^1 + 16^1 + 20^2 = 24 + 24 + 41 + 161 + 202 \\ 452 &:= 2^4 + 2^4 + 5^1 + 15^1 + 20^2 = 24 + 24 + 51 + 151 + 202 \\ 452 &:= 2^4 + 2^4 + 6^1 + 14^1 + 20^2 = 24 + 24 + 61 + 141 + 202 \\ 452 &:= 2^4 + 2^4 + 7^1 + 13^1 + 20^2 = 24 + 24 + 71 + 131 + 202 \\ 452 &:= 2^4 + 2^4 + 8^1 + 12^1 + 20^2 = 24 + 24 + 81 + 121 + 202 \\ 452 &:= 2^4 + 2^4 + 9^1 + 11^1 + 20^2 = 24 + 24 + 91 + 111 + 202 \\ 452 &:= 2^4 + 2^5 + 3^1 + 17^0 + 20^2 = 24 + 25 + 31 + 170 + 202 \\ 452 &:= 2^4 + 3^0 + 3^5 + 13^2 + 23^1 = 24 + 30 + 35 + 132 + 231 \\ 452 &:= 2^4 + 3^4 + 7^3 + 11^1 + 21^0 = 24 + 34 + 73 + 111 + 210 \\ 452 &:= 2^5 + 3^1 + 7^2 + 7^3 + 25^1 = 25 + 31 + 72 + 73 + 251 \\ 452 &:= 2^5 + 3^2 + 11^1 + 12^2 + 16^2 = 25 + 32 + 111 + 122 + 162 \\ 452 &:= 2^5 + 3^2 + 6^2 + 14^1 + 19^2 = 25 + 32 + 62 + 141 + 192 \end{aligned}$$

$$\begin{aligned}452 &:= 2^5 + 3^3 + 11^0 + 14^2 + 14^2 = 25 + 33 + 110 + 142 + 142 \\452 &:= 2^5 + 3^4 + 7^0 + 14^1 + 18^2 = 25 + 34 + 70 + 141 + 182 \\452 &:= 2^5 + 4^1 + 7^2 + 7^3 + 24^1 = 25 + 41 + 72 + 73 + 241 \\452 &:= 2^5 + 4^2 + 10^1 + 13^2 + 15^2 = 25 + 42 + 101 + 132 + 152 \\452 &:= 2^5 + 4^3 + 7^3 + 12^1 + 19^0 = 25 + 43 + 73 + 121 + 190 \\452 &:= 2^5 + 4^4 + 7^0 + 12^2 + 19^1 = 25 + 44 + 70 + 122 + 191 \\452 &:= 2^5 + 5^1 + 7^2 + 7^3 + 23^1 = 25 + 51 + 72 + 73 + 231 \\452 &:= 2^5 + 6^1 + 7^2 + 7^3 + 22^1 = 25 + 61 + 72 + 73 + 221 \\452 &:= 2^5 + 6^2 + 7^2 + 11^1 + 18^2 = 25 + 62 + 72 + 111 + 182 \\452 &:= 2^5 + 7^1 + 10^2 + 12^2 + 13^2 = 25 + 71 + 102 + 122 + 132 \\452 &:= 2^5 + 7^1 + 7^2 + 7^3 + 21^1 = 25 + 71 + 72 + 73 + 211 \\452 &:= 2^5 + 7^2 + 7^3 + 10^1 + 18^1 = 25 + 72 + 73 + 101 + 181 \\452 &:= 2^5 + 7^2 + 7^3 + 11^1 + 17^1 = 25 + 72 + 73 + 111 + 171 \\452 &:= 2^5 + 7^2 + 7^3 + 12^1 + 16^1 = 25 + 72 + 73 + 121 + 161 \\452 &:= 2^5 + 7^2 + 7^3 + 13^1 + 15^1 = 25 + 72 + 73 + 131 + 151 \\452 &:= 2^5 + 7^2 + 7^3 + 14^1 + 14^1 = 25 + 72 + 73 + 141 + 141 \\452 &:= 2^5 + 7^2 + 7^3 + 8^1 + 20^1 = 25 + 72 + 73 + 81 + 201 \\452 &:= 2^5 + 7^2 + 7^3 + 9^1 + 19^1 = 25 + 72 + 73 + 91 + 191 \\452 &:= 2^6 + 5^2 + 7^3 + 11^0 + 19^1 = 26 + 52 + 73 + 110 + 191 \\452 &:= 2^6 + 5^3 + 6^1 + 15^0 + 16^2 = 26 + 53 + 61 + 150 + 162 \\452 &:= 2^6 + 6^2 + 7^3 + 8^1 + 21^0 = 26 + 62 + 73 + 81 + 210 \\452 &:= 2^6 + 7^2 + 7^2 + 11^0 + 17^2 = 26 + 72 + 72 + 110 + 172 \\452 &:= 2^6 + 7^2 + 9^0 + 13^2 + 13^2 = 26 + 72 + 90 + 132 + 132 \\452 &:= 2^6 + 9^0 + 9^2 + 9^2 + 15^2 = 26 + 90 + 92 + 92 + 152 \\452 &:= 2^7 + 3^0 + 4^2 + 17^2 + 18^1 = 27 + 30 + 42 + 172 + 181 \\452 &:= 2^7 + 3^1 + 8^2 + 15^0 + 16^2 = 27 + 31 + 82 + 150 + 162 \\452 &:= 2^7 + 5^2 + 9^1 + 11^0 + 17^2 = 27 + 52 + 91 + 110 + 172 \\452 &:= 2^7 + 6^1 + 11^0 + 11^2 + 14^2 = 27 + 61 + 110 + 112 + 142 \\452 &:= 2^7 + 7^0 + 10^1 + 12^2 + 13^2 = 27 + 70 + 101 + 122 + 132 \\452 &:= 2^8 + 3^0 + 10^1 + 13^2 + 16^1 = 28 + 30 + 101 + 132 + 161 \\452 &:= 2^8 + 3^0 + 11^1 + 13^2 + 15^1 = 28 + 30 + 111 + 132 + 151 \\452 &:= 2^8 + 3^0 + 12^1 + 13^2 + 14^1 = 28 + 30 + 121 + 132 + 141 \\452 &:= 2^8 + 3^0 + 13^1 + 13^1 + 13^2 = 28 + 30 + 131 + 131 + 132 \\452 &:= 2^8 + 3^0 + 3^1 + 13^2 + 23^1 = 28 + 30 + 31 + 132 + 231 \\452 &:= 2^8 + 3^0 + 4^1 + 13^2 + 22^1 = 28 + 30 + 41 + 132 + 221 \\452 &:= 2^8 + 3^0 + 5^1 + 13^2 + 21^1 = 28 + 30 + 51 + 132 + 211 \\452 &:= 2^8 + 3^0 + 5^2 + 13^2 + 21^0 = 28 + 30 + 52 + 132 + 210 \\452 &:= 2^8 + 3^0 + 6^1 + 13^2 + 20^1 = 28 + 30 + 61 + 132 + 201\end{aligned}$$

$$\begin{aligned}452 &:= 2^8 + 3^0 + 7^1 + 13^2 + 19^1 = 28 + 30 + 71 + 132 + 191 \\452 &:= 2^8 + 3^0 + 8^1 + 13^2 + 18^1 = 28 + 30 + 81 + 132 + 181 \\452 &:= 2^8 + 3^0 + 9^1 + 13^2 + 17^1 = 28 + 30 + 91 + 132 + 171 \\452 &:= 2^8 + 4^0 + 5^2 + 13^2 + 20^0 = 28 + 40 + 52 + 132 + 200 \\452 &:= 2^8 + 5^0 + 5^2 + 13^2 + 19^0 = 28 + 50 + 52 + 132 + 190 \\452 &:= 2^8 + 5^2 + 10^0 + 13^2 + 14^0 = 28 + 52 + 100 + 132 + 140 \\452 &:= 2^8 + 5^2 + 11^0 + 13^0 + 13^2 = 28 + 52 + 110 + 130 + 132 \\452 &:= 2^8 + 5^2 + 12^0 + 12^0 + 13^2 = 28 + 52 + 120 + 120 + 132 \\452 &:= 2^8 + 5^2 + 6^0 + 13^2 + 18^0 = 28 + 52 + 60 + 132 + 180 \\452 &:= 2^8 + 5^2 + 7^0 + 13^2 + 17^0 = 28 + 52 + 70 + 132 + 170 \\452 &:= 2^8 + 5^2 + 8^0 + 13^2 + 16^0 = 28 + 52 + 80 + 132 + 160 \\452 &:= 2^8 + 5^2 + 9^0 + 13^2 + 15^0 = 28 + 52 + 90 + 132 + 150 \\452 &:= 3^1 + 3^4 + 5^3 + 6^3 + 27^1 = 31 + 34 + 53 + 63 + 271 \\452 &:= 3^2 + 3^2 + 3^5 + 13^2 + 22^1 = 32 + 32 + 35 + 132 + 221 \\452 &:= 3^2 + 3^5 + 6^2 + 12^2 + 20^1 = 32 + 35 + 62 + 122 + 201 \\452 &:= 3^2 + 3^5 + 9^2 + 10^2 + 19^1 = 32 + 35 + 92 + 102 + 191 \\452 &:= 3^2 + 4^3 + 4^4 + 10^2 + 23^1 = 32 + 43 + 44 + 102 + 231 \\452 &:= 3^2 + 4^4 + 5^3 + 6^2 + 26^1 = 32 + 44 + 53 + 62 + 261 \\452 &:= 3^3 + 3^3 + 5^3 + 16^2 + 17^1 = 33 + 33 + 53 + 162 + 171 \\452 &:= 3^3 + 3^5 + 9^2 + 10^2 + 19^0 = 33 + 35 + 92 + 102 + 190 \\452 &:= 3^3 + 4^4 + 7^2 + 10^2 + 20^1 = 33 + 44 + 72 + 102 + 201 \\452 &:= 3^4 + 3^4 + 8^2 + 15^0 + 15^2 = 34 + 34 + 82 + 150 + 152 \\452 &:= 3^4 + 3^5 + 6^1 + 11^2 + 21^0 = 34 + 35 + 61 + 112 + 210 \\452 &:= 3^4 + 4^1 + 5^3 + 6^3 + 26^1 = 34 + 41 + 53 + 63 + 261 \\452 &:= 3^4 + 4^3 + 6^2 + 15^1 + 16^2 = 34 + 43 + 62 + 151 + 162 \\452 &:= 3^4 + 5^1 + 5^3 + 6^3 + 25^1 = 34 + 51 + 53 + 63 + 251 \\452 &:= 3^4 + 5^3 + 6^1 + 6^3 + 24^1 = 34 + 53 + 61 + 63 + 241 \\452 &:= 3^4 + 5^3 + 6^3 + 10^1 + 20^1 = 34 + 53 + 63 + 101 + 201 \\452 &:= 3^4 + 5^3 + 6^3 + 11^1 + 19^1 = 34 + 53 + 63 + 111 + 191 \\452 &:= 3^4 + 5^3 + 6^3 + 12^1 + 18^1 = 34 + 53 + 63 + 121 + 181 \\452 &:= 3^4 + 5^3 + 6^3 + 13^1 + 17^1 = 34 + 53 + 63 + 131 + 171 \\452 &:= 3^4 + 5^3 + 6^3 + 14^1 + 16^1 = 34 + 53 + 63 + 141 + 161 \\452 &:= 3^4 + 5^3 + 6^3 + 15^1 + 15^1 = 34 + 53 + 63 + 151 + 151 \\452 &:= 3^4 + 5^3 + 6^3 + 7^1 + 23^1 = 34 + 53 + 63 + 71 + 231 \\452 &:= 3^4 + 5^3 + 6^3 + 8^1 + 22^1 = 34 + 53 + 63 + 81 + 221 \\452 &:= 3^4 + 5^3 + 6^3 + 9^1 + 21^1 = 34 + 53 + 63 + 91 + 211 \\452 &:= 3^4 + 6^2 + 6^3 + 10^2 + 19^1 = 34 + 62 + 63 + 102 + 191 \\452 &:= 3^5 + 4^3 + 5^3 + 13^0 + 19^1 = 35 + 43 + 53 + 130 + 191\end{aligned}$$

$$452 := 3^5 + 8^2 + 8^2 + 8^2 + 17^1 = 35 + 82 + 82 + 82 + 171$$

2.2.354 Number 453

$$453 := 11^1 + 13^0 + 21^2 = 111 + 130 + 212$$

$$453 := 1^0 + 10^1 + 13^0 + 21^2 = 10 + 101 + 130 + 212$$

$$453 := 2^0 + 10^1 + 12^0 + 21^2 = 20 + 101 + 120 + 212$$

$$453 := 2^8 + 3^3 + 13^2 + 26^0 = 28 + 33 + 132 + 260$$

$$453 := 3^0 + 10^1 + 11^0 + 21^2 = 30 + 101 + 110 + 212$$

$$453 := 4^0 + 10^0 + 10^1 + 21^2 = 40 + 100 + 101 + 212$$

$$453 := 5^0 + 9^0 + 10^1 + 21^2 = 50 + 90 + 101 + 212$$

$$453 := 6^0 + 8^0 + 10^1 + 21^2 = 60 + 80 + 101 + 212$$

$$453 := 7^0 + 7^0 + 10^1 + 21^2 = 70 + 70 + 101 + 212$$

$$453 := 1^0 + 1^0 + 9^1 + 13^0 + 21^2 = 10 + 10 + 91 + 130 + 212$$

$$453 := 1^0 + 1^9 + 12^0 + 15^2 + 15^2 = 10 + 19 + 120 + 152 + 152$$

$$453 := 1^0 + 1^9 + 3^2 + 18^0 + 21^2 = 10 + 19 + 32 + 180 + 212$$

$$453 := 1^0 + 2^0 + 9^1 + 12^0 + 21^2 = 10 + 20 + 91 + 120 + 212$$

$$453 := 1^0 + 2^6 + 3^5 + 12^2 + 26^0 = 10 + 26 + 35 + 122 + 260$$

$$453 := 1^0 + 3^0 + 9^1 + 11^0 + 21^2 = 10 + 30 + 91 + 110 + 212$$

$$453 := 1^0 + 4^0 + 9^1 + 10^0 + 21^2 = 10 + 40 + 91 + 100 + 212$$

$$453 := 1^0 + 5^0 + 9^0 + 9^1 + 21^2 = 10 + 50 + 90 + 91 + 212$$

$$453 := 1^0 + 6^0 + 8^0 + 9^1 + 21^2 = 10 + 60 + 80 + 91 + 212$$

$$453 := 1^0 + 7^0 + 7^0 + 9^1 + 21^2 = 10 + 70 + 70 + 91 + 212$$

$$453 := 1^1 + 1^8 + 12^0 + 15^2 + 15^2 = 11 + 18 + 120 + 152 + 152$$

$$453 := 1^1 + 1^8 + 3^2 + 18^0 + 21^2 = 11 + 18 + 32 + 180 + 212$$

$$453 := 1^1 + 1^9 + 9^1 + 12^0 + 21^2 = 11 + 19 + 91 + 120 + 212$$

$$453 := 1^2 + 1^7 + 12^0 + 15^2 + 15^2 = 12 + 17 + 120 + 152 + 152$$

$$453 := 1^2 + 1^7 + 3^2 + 18^0 + 21^2 = 12 + 17 + 32 + 180 + 212$$

$$453 := 1^2 + 1^8 + 9^1 + 12^0 + 21^2 = 12 + 18 + 91 + 120 + 212$$

$$453 := 1^2 + 2^0 + 2^8 + 13^2 + 26^1 = 12 + 20 + 28 + 132 + 261$$

$$453 := 1^3 + 1^6 + 12^0 + 15^2 + 15^2 = 13 + 16 + 120 + 152 + 152$$

$$453 := 1^3 + 1^6 + 3^2 + 18^0 + 21^2 = 13 + 16 + 32 + 180 + 212$$

$$453 := 1^3 + 1^7 + 9^1 + 12^0 + 21^2 = 13 + 17 + 91 + 120 + 212$$

$$453 := 1^3 + 1^9 + 2^8 + 13^2 + 26^1 = 13 + 19 + 28 + 132 + 261$$

$$453 := 1^3 + 3^4 + 3^4 + 17^2 + 20^0 = 13 + 34 + 34 + 172 + 200$$

$$453 := 1^3 + 3^5 + 4^3 + 12^2 + 24^0 = 13 + 35 + 43 + 122 + 240$$

$$453 := 1^4 + 1^5 + 12^0 + 15^2 + 15^2 = 14 + 15 + 120 + 152 + 152$$

$$453 := 1^4 + 1^5 + 3^2 + 18^0 + 21^2 = 14 + 15 + 32 + 180 + 212$$

$$453 := 1^4 + 1^6 + 9^1 + 12^0 + 21^2 = 14 + 16 + 91 + 120 + 212$$

$$453 := 1^4 + 1^8 + 2^8 + 13^2 + 26^1 = 14 + 18 + 28 + 132 + 261$$

$$453 := 1^4 + 3^5 + 8^2 + 12^2 + 20^0 = 14 + 35 + 82 + 122 + 200$$

$$453 := 1^5 + 1^5 + 9^1 + 12^0 + 21^2 = 15 + 15 + 91 + 120 + 212$$

$$453 := 1^5 + 1^7 + 2^8 + 13^2 + 26^1 = 15 + 17 + 28 + 132 + 261$$

$$453 := 1^5 + 2^0 + 2^5 + 19^1 + 20^2 = 15 + 20 + 25 + 191 + 202$$

$$453 := 1^5 + 2^3 + 7^3 + 10^2 + 24^0 = 15 + 23 + 73 + 102 + 240$$

$$453 := 1^5 + 3^2 + 3^4 + 18^0 + 19^2 = 15 + 32 + 34 + 180 + 192$$

$$453 := 1^5 + 3^3 + 7^3 + 9^2 + 24^0 = 15 + 33 + 73 + 92 + 240$$

$$453 := 1^5 + 3^4 + 6^0 + 7^3 + 27^1 = 15 + 34 + 60 + 73 + 271$$

$$453 := 1^5 + 3^4 + 9^2 + 14^0 + 17^2 = 15 + 34 + 92 + 140 + 172$$

$$453 := 1^5 + 3^5 + 12^1 + 14^0 + 14^2 = 15 + 35 + 121 + 140 + 142$$

$$453 := 1^6 + 1^6 + 2^8 + 13^2 + 26^1 = 16 + 16 + 28 + 132 + 261$$

$$453 := 1^6 + 1^9 + 2^5 + 19^1 + 20^2 = 16 + 19 + 25 + 191 + 202$$

$$453 := 1^6 + 3^3 + 10^2 + 12^0 + 18^2 = 16 + 33 + 102 + 120 + 182$$

$$453 := 1^6 + 3^4 + 9^1 + 12^0 + 19^2 = 16 + 34 + 91 + 120 + 192$$

$$453 := 1^6 + 6^3 + 6^3 + 12^0 + 19^1 = 16 + 63 + 63 + 120 + 191$$

$$453 := 1^7 + 1^8 + 2^5 + 19^1 + 20^2 = 17 + 18 + 25 + 191 + 202$$

$$453 := 1^7 + 2^1 + 2^3 + 18^0 + 21^2 = 17 + 21 + 23 + 180 + 212$$

$$453 := 1^7 + 2^1 + 5^3 + 18^0 + 18^2 = 17 + 21 + 53 + 180 + 182$$

$$453 := 1^7 + 3^2 + 9^2 + 12^0 + 19^2 = 17 + 32 + 92 + 120 + 192$$

$$453 := 1^7 + 6^3 + 10^1 + 12^0 + 15^2 = 17 + 63 + 101 + 120 + 152$$

$$453 := 1^7 + 7^3 + 8^1 + 10^2 + 18^0 = 17 + 73 + 81 + 102 + 180$$

$$453 := 1^7 + 8^0 + 9^2 + 9^2 + 17^2 = 17 + 80 + 92 + 92 + 172$$

$$453 := 1^8 + 2^0 + 6^2 + 15^1 + 20^2 = 18 + 20 + 62 + 151 + 202$$

$$453 := 1^8 + 2^1 + 7^2 + 14^0 + 20^2 = 18 + 21 + 72 + 140 + 202$$

$$453 := 1^8 + 2^2 + 6^1 + 14^0 + 21^2 = 18 + 22 + 61 + 140 + 212$$

$$453 := 1^8 + 6^0 + 9^1 + 9^2 + 19^2 = 18 + 60 + 91 + 92 + 192$$

$$453 := 1^8 + 6^1 + 8^0 + 11^2 + 18^2 = 18 + 61 + 80 + 112 + 182$$

$$453 := 1^9 + 1^9 + 6^2 + 15^1 + 20^2 = 19 + 19 + 62 + 151 + 202$$

$$453 := 1^9 + 2^0 + 11^0 + 15^2 + 15^2 = 19 + 20 + 110 + 152 + 152$$

$$453 := 1^9 + 2^0 + 3^2 + 17^0 + 21^2 = 19 + 20 + 32 + 170 + 212$$

$$453 := 1^9 + 2^1 + 8^1 + 12^0 + 21^2 = 19 + 21 + 81 + 120 + 212$$

$$453 := 1^9 + 2^8 + 3^3 + 12^2 + 25^1 = 19 + 28 + 33 + 122 + 251$$

$$453 := 1^9 + 3^0 + 10^0 + 15^2 + 15^2 = 19 + 30 + 100 + 152 + 152$$

$$453 := 1^9 + 3^0 + 3^2 + 16^0 + 21^2 = 19 + 30 + 32 + 160 + 212$$

$$\begin{aligned}
 453 &:= 1^9 + 3^1 + 7^1 + 12^0 + 21^2 = 19 + 31 + 71 + 120 + 212 \\
 453 &:= 1^9 + 3^2 + 4^0 + 15^0 + 21^2 = 19 + 32 + 40 + 150 + 212 \\
 453 &:= 1^9 + 3^2 + 5^0 + 14^0 + 21^2 = 19 + 32 + 50 + 140 + 212 \\
 453 &:= 1^9 + 3^2 + 6^0 + 13^0 + 21^2 = 19 + 32 + 60 + 130 + 212 \\
 453 &:= 1^9 + 3^2 + 7^0 + 12^0 + 21^2 = 19 + 32 + 70 + 120 + 212 \\
 453 &:= 1^9 + 3^2 + 8^0 + 11^0 + 21^2 = 19 + 32 + 80 + 110 + 212 \\
 453 &:= 1^9 + 3^2 + 9^0 + 10^0 + 21^2 = 19 + 32 + 90 + 100 + 212 \\
 453 &:= 1^9 + 4^0 + 9^0 + 15^2 + 15^2 = 19 + 40 + 90 + 152 + 152 \\
 453 &:= 1^9 + 4^1 + 6^1 + 12^0 + 21^2 = 19 + 41 + 61 + 120 + 212 \\
 453 &:= 1^9 + 5^0 + 8^0 + 15^2 + 15^2 = 19 + 50 + 80 + 152 + 152 \\
 453 &:= 1^9 + 5^1 + 5^1 + 12^0 + 21^2 = 19 + 51 + 51 + 120 + 212 \\
 453 &:= 1^9 + 6^0 + 7^0 + 15^2 + 15^2 = 19 + 60 + 70 + 152 + 152 \\
 453 &:= 2^0 + 2^0 + 9^1 + 11^0 + 21^2 = 20 + 20 + 91 + 110 + 212 \\
 453 &:= 2^0 + 2^6 + 3^5 + 12^2 + 25^0 = 20 + 26 + 35 + 122 + 250 \\
 453 &:= 2^0 + 3^0 + 9^1 + 10^0 + 21^2 = 20 + 30 + 91 + 100 + 212 \\
 453 &:= 2^0 + 4^0 + 9^0 + 9^1 + 21^2 = 20 + 40 + 90 + 91 + 212 \\
 453 &:= 2^0 + 5^0 + 8^0 + 9^1 + 21^2 = 20 + 50 + 80 + 91 + 212 \\
 453 &:= 2^0 + 6^0 + 7^0 + 9^1 + 21^2 = 20 + 60 + 70 + 91 + 212 \\
 453 &:= 2^1 + 2^8 + 5^2 + 13^2 + 22^0 = 21 + 28 + 52 + 132 + 220 \\
 453 &:= 2^2 + 2^4 + 2^5 + 18^0 + 20^2 = 22 + 24 + 25 + 180 + 202 \\
 453 &:= 2^2 + 2^7 + 8^2 + 16^0 + 16^2 = 22 + 27 + 82 + 160 + 162 \\
 453 &:= 2^2 + 2^8 + 4^0 + 13^2 + 23^1 = 22 + 28 + 40 + 132 + 231 \\
 453 &:= 2^3 + 2^5 + 6^3 + 14^2 + 20^0 = 23 + 25 + 63 + 142 + 200 \\
 453 &:= 2^4 + 2^6 + 10^0 + 11^1 + 19^2 = 24 + 26 + 100 + 111 + 192 \\
 453 &:= 2^4 + 3^5 + 7^2 + 12^2 + 20^0 = 24 + 35 + 72 + 122 + 200 \\
 453 &:= 2^5 + 3^5 + 8^1 + 13^2 + 18^0 = 25 + 35 + 81 + 132 + 180 \\
 453 &:= 2^5 + 4^4 + 8^2 + 10^2 + 20^0 = 25 + 44 + 82 + 102 + 200 \\
 453 &:= 2^6 + 3^0 + 3^5 + 12^2 + 24^0 = 26 + 30 + 35 + 122 + 240 \\
 453 &:= 2^6 + 3^2 + 6^2 + 7^3 + 26^0 = 26 + 32 + 62 + 73 + 260 \\
 453 &:= 2^6 + 3^3 + 7^3 + 14^0 + 18^1 = 26 + 33 + 73 + 140 + 181 \\
 453 &:= 2^6 + 3^4 + 4^0 + 17^2 + 18^1 = 26 + 34 + 40 + 172 + 181 \\
 453 &:= 2^6 + 3^5 + 10^0 + 12^2 + 17^0 = 26 + 35 + 100 + 122 + 170
 \end{aligned}$$

$$\begin{aligned}
 453 &:= 2^6 + 3^5 + 11^0 + 12^2 + 16^0 = 26 + 35 + 110 + 122 + 160 \\
 453 &:= 2^6 + 3^5 + 12^0 + 12^2 + 15^0 = 26 + 35 + 120 + 122 + 150 \\
 453 &:= 2^6 + 3^5 + 12^2 + 13^0 + 14^0 = 26 + 35 + 122 + 130 + 140 \\
 453 &:= 2^6 + 3^5 + 4^0 + 12^2 + 23^0 = 26 + 35 + 40 + 122 + 230 \\
 453 &:= 2^6 + 3^5 + 5^0 + 12^2 + 22^0 = 26 + 35 + 50 + 122 + 220 \\
 453 &:= 2^6 + 3^5 + 6^0 + 12^2 + 21^0 = 26 + 35 + 60 + 122 + 210 \\
 453 &:= 2^6 + 3^5 + 7^0 + 12^2 + 20^0 = 26 + 35 + 70 + 122 + 200 \\
 453 &:= 2^6 + 3^5 + 8^0 + 12^2 + 19^0 = 26 + 35 + 80 + 122 + 190 \\
 453 &:= 2^6 + 3^5 + 9^0 + 12^2 + 18^0 = 26 + 35 + 90 + 122 + 180 \\
 453 &:= 2^6 + 4^4 + 11^1 + 11^2 + 16^0 = 26 + 44 + 111 + 112 + 160 \\
 453 &:= 2^7 + 3^1 + 5^3 + 14^2 + 20^0 = 27 + 31 + 53 + 142 + 200 \\
 453 &:= 2^7 + 3^3 + 8^1 + 14^0 + 17^2 = 27 + 33 + 81 + 140 + 172 \\
 453 &:= 2^7 + 4^1 + 4^3 + 16^2 + 18^0 = 27 + 41 + 43 + 162 + 180 \\
 453 &:= 2^7 + 6^2 + 12^0 + 12^2 + 12^2 = 27 + 62 + 120 + 122 + 122 \\
 453 &:= 2^7 + 6^3 + 8^1 + 10^2 + 18^0 = 27 + 63 + 81 + 102 + 180 \\
 453 &:= 2^7 + 8^2 + 8^2 + 12^0 + 14^2 = 27 + 82 + 82 + 120 + 142 \\
 453 &:= 2^8 + 3^1 + 7^2 + 12^2 + 20^0 = 28 + 31 + 72 + 122 + 200 \\
 453 &:= 2^8 + 3^2 + 8^0 + 13^2 + 18^1 = 28 + 32 + 80 + 132 + 181 \\
 453 &:= 2^8 + 4^2 + 11^1 + 13^2 + 14^0 = 28 + 42 + 111 + 132 + 140 \\
 453 &:= 2^8 + 6^2 + 8^0 + 12^2 + 16^1 = 28 + 62 + 80 + 122 + 161 \\
 453 &:= 2^8 + 8^0 + 9^2 + 10^2 + 15^1 = 28 + 80 + 92 + 102 + 151 \\
 453 &:= 2^8 + 8^2 + 11^1 + 11^2 + 12^0 = 28 + 82 + 111 + 112 + 120 \\
 453 &:= 3^0 + 3^0 + 9^0 + 9^1 + 21^2 = 30 + 30 + 90 + 91 + 212 \\
 453 &:= 3^0 + 4^0 + 8^0 + 9^1 + 21^2 = 30 + 40 + 80 + 91 + 212 \\
 453 &:= 3^0 + 5^0 + 7^0 + 9^1 + 21^2 = 30 + 50 + 70 + 91 + 212 \\
 453 &:= 3^0 + 6^0 + 6^0 + 9^1 + 21^2 = 30 + 60 + 60 + 91 + 212 \\
 453 &:= 3^4 + 3^5 + 8^2 + 8^2 + 22^0 = 34 + 35 + 82 + 82 + 220 \\
 453 &:= 3^5 + 4^3 + 4^3 + 9^2 + 24^0 = 35 + 43 + 43 + 92 + 240 \\
 453 &:= 4^0 + 4^0 + 7^0 + 9^1 + 21^2 = 40 + 40 + 70 + 91 + 212 \\
 453 &:= 4^0 + 5^0 + 6^0 + 9^1 + 21^2 = 40 + 50 + 60 + 91 + 212 \\
 453 &:= 5^0 + 5^0 + 5^0 + 9^1 + 21^2 = 50 + 50 + 50 + 91 + 212
 \end{aligned}$$

2.2.355 Number 454

$$\begin{aligned}
 454 &:= 1^0 + 14^0 + 14^2 + 16^2 = 10 + 140 + 142 + 162 \\
 454 &:= 1^1 + 11^1 + 12^0 + 21^2 = 11 + 111 + 120 + 212 \\
 454 &:= 1^3 + 2^8 + 13^2 + 28^1 = 13 + 28 + 132 + 281
 \end{aligned}$$

$$\begin{aligned}
 454 &:= 1^4 + 2^8 + 14^2 + 27^0 = 14 + 28 + 142 + 270 \\
 454 &:= 1^5 + 2^7 + 18^2 + 23^0 = 15 + 27 + 182 + 230 \\
 454 &:= 1^6 + 2^5 + 20^2 + 21^1 = 16 + 25 + 202 + 211
 \end{aligned}$$

$$\begin{aligned}
 454 &:= 1^8 + 4^4 + 14^2 + 25^0 &= 18 + 44 + 142 + 250 \\
 454 &:= 1^9 + 6^2 + 17^1 + 20^2 &= 19 + 62 + 171 + 202 \\
 454 &:= 2^0 + 13^0 + 14^2 + 16^2 &= 20 + 130 + 142 + 162 \\
 454 &:= 2^1 + 10^1 + 12^0 + 21^2 &= 21 + 101 + 120 + 212 \\
 454 &:= 2^8 + 3^3 + 12^2 + 27^1 &= 28 + 33 + 122 + 271 \\
 454 &:= 3^0 + 12^0 + 14^2 + 16^2 &= 30 + 120 + 142 + 162 \\
 454 &:= 3^1 + 9^1 + 12^0 + 21^2 &= 31 + 91 + 120 + 212 \\
 454 &:= 4^0 + 11^0 + 14^2 + 16^2 &= 40 + 110 + 142 + 162 \\
 454 &:= 4^1 + 8^1 + 12^0 + 21^2 &= 41 + 81 + 120 + 212 \\
 454 &:= 5^0 + 10^0 + 14^2 + 16^2 &= 50 + 100 + 142 + 162 \\
 454 &:= 5^1 + 7^1 + 12^0 + 21^2 &= 51 + 71 + 120 + 212 \\
 454 &:= 6^0 + 9^0 + 14^2 + 16^2 &= 60 + 90 + 142 + 162 \\
 454 &:= 6^1 + 6^1 + 12^0 + 21^2 &= 61 + 61 + 120 + 212 \\
 454 &:= 7^0 + 8^0 + 14^2 + 16^2 &= 70 + 80 + 142 + 162 \\
 454 &:= 1^0 + 1^1 + 10^1 + 12^0 + 21^2 &= 10 + 11 + 101 + 120 + 212 \\
 454 &:= 1^0 + 1^3 + 2^8 + 13^2 + 27^1 &= 10 + 13 + 28 + 132 + 271 \\
 454 &:= 1^0 + 1^6 + 2^5 + 20^1 + 20^2 &= 10 + 16 + 25 + 201 + 202 \\
 454 &:= 1^0 + 1^9 + 6^2 + 16^1 + 20^2 &= 10 + 19 + 62 + 161 + 202 \\
 454 &:= 1^0 + 2^1 + 9^1 + 12^0 + 21^2 &= 10 + 21 + 91 + 120 + 212 \\
 454 &:= 1^0 + 2^6 + 2^6 + 18^2 + 21^0 &= 10 + 26 + 26 + 182 + 210 \\
 454 &:= 1^0 + 2^8 + 3^3 + 12^2 + 26^1 &= 10 + 28 + 33 + 122 + 261 \\
 454 &:= 1^0 + 3^1 + 8^1 + 12^0 + 21^2 &= 10 + 31 + 81 + 120 + 212 \\
 454 &:= 1^0 + 4^1 + 7^1 + 12^0 + 21^2 &= 10 + 41 + 71 + 120 + 212 \\
 454 &:= 1^0 + 5^1 + 6^1 + 12^0 + 21^2 &= 10 + 51 + 61 + 120 + 212 \\
 454 &:= 1^1 + 1^2 + 2^8 + 13^2 + 27^1 &= 11 + 12 + 28 + 132 + 271 \\
 454 &:= 1^1 + 1^5 + 2^5 + 20^1 + 20^2 &= 11 + 15 + 25 + 201 + 202 \\
 454 &:= 1^1 + 1^8 + 6^2 + 16^1 + 20^2 &= 11 + 18 + 62 + 161 + 202 \\
 454 &:= 1^1 + 2^0 + 10^1 + 11^0 + 21^2 &= 11 + 20 + 101 + 110 + 212 \\
 454 &:= 1^1 + 2^8 + 3^3 + 13^2 + 25^0 &= 11 + 28 + 33 + 132 + 250 \\
 454 &:= 1^1 + 3^0 + 10^0 + 10^1 + 21^2 &= 11 + 30 + 100 + 101 + 212 \\
 454 &:= 1^1 + 4^0 + 9^0 + 10^1 + 21^2 &= 11 + 40 + 90 + 101 + 212 \\
 454 &:= 1^1 + 5^0 + 8^0 + 10^1 + 21^2 &= 11 + 50 + 80 + 101 + 212 \\
 454 &:= 1^1 + 6^0 + 7^0 + 10^1 + 21^2 &= 11 + 60 + 70 + 101 + 212 \\
 454 &:= 1^2 + 1^4 + 2^5 + 20^1 + 20^2 &= 12 + 14 + 25 + 201 + 202 \\
 454 &:= 1^2 + 1^7 + 6^2 + 16^1 + 20^2 &= 12 + 17 + 62 + 161 + 202 \\
 454 &:= 1^2 + 1^9 + 10^1 + 11^0 + 21^2 &= 12 + 19 + 101 + 110 + 212 \\
 454 &:= 1^2 + 2^1 + 2^8 + 13^2 + 26^1 &= 12 + 21 + 28 + 132 + 261 \\
 454 &:= 1^2 + 2^3 + 2^6 + 19^2 + 20^1 &= 12 + 23 + 26 + 192 + 201
 \end{aligned}$$

$$\begin{aligned}
 454 &:= 1^2 + 2^4 + 3^5 + 13^2 + 25^1 &= 12 + 24 + 35 + 132 + 251 \\
 454 &:= 1^2 + 2^7 + 4^2 + 17^2 + 20^1 &= 12 + 27 + 42 + 172 + 201 \\
 454 &:= 1^2 + 2^8 + 10^1 + 13^2 + 18^1 &= 12 + 28 + 101 + 132 + 181 \\
 454 &:= 1^2 + 2^8 + 11^1 + 13^2 + 17^1 &= 12 + 28 + 111 + 132 + 171 \\
 454 &:= 1^2 + 2^8 + 12^1 + 13^2 + 16^1 &= 12 + 28 + 121 + 132 + 161 \\
 454 &:= 1^2 + 2^8 + 13^1 + 13^2 + 15^1 &= 12 + 28 + 131 + 132 + 151 \\
 454 &:= 1^2 + 2^8 + 13^2 + 14^1 + 14^1 &= 12 + 28 + 132 + 141 + 141 \\
 454 &:= 1^2 + 2^8 + 3^1 + 13^2 + 25^1 &= 12 + 28 + 31 + 132 + 251 \\
 454 &:= 1^2 + 2^8 + 4^1 + 13^2 + 24^1 &= 12 + 28 + 41 + 132 + 241 \\
 454 &:= 1^2 + 2^8 + 5^1 + 13^2 + 23^1 &= 12 + 28 + 51 + 132 + 231 \\
 454 &:= 1^2 + 2^8 + 6^1 + 13^2 + 22^1 &= 12 + 28 + 61 + 132 + 221 \\
 454 &:= 1^2 + 2^8 + 7^1 + 13^2 + 21^1 &= 12 + 28 + 71 + 132 + 211 \\
 454 &:= 1^2 + 2^8 + 8^1 + 13^2 + 20^1 &= 12 + 28 + 81 + 132 + 201 \\
 454 &:= 1^2 + 2^8 + 9^1 + 13^2 + 19^1 &= 12 + 28 + 91 + 132 + 191 \\
 454 &:= 1^3 + 1^3 + 2^5 + 20^1 + 20^2 &= 13 + 13 + 25 + 201 + 202 \\
 454 &:= 1^3 + 1^6 + 6^2 + 16^1 + 20^2 &= 13 + 16 + 62 + 161 + 202 \\
 454 &:= 1^3 + 1^8 + 10^1 + 11^0 + 21^2 &= 13 + 18 + 101 + 110 + 212 \\
 454 &:= 1^3 + 2^6 + 3^2 + 19^1 + 19^2 &= 13 + 26 + 32 + 191 + 192 \\
 454 &:= 1^3 + 2^6 + 3^3 + 19^0 + 19^2 &= 13 + 26 + 33 + 190 + 192 \\
 454 &:= 1^3 + 2^6 + 4^3 + 18^2 + 19^0 &= 13 + 26 + 43 + 182 + 190 \\
 454 &:= 1^3 + 2^6 + 7^2 + 16^1 + 18^2 &= 13 + 26 + 72 + 161 + 182 \\
 454 &:= 1^3 + 3^5 + 4^3 + 11^2 + 25^1 &= 13 + 35 + 43 + 112 + 251 \\
 454 &:= 1^4 + 1^5 + 6^2 + 16^1 + 20^2 &= 14 + 15 + 62 + 161 + 202 \\
 454 &:= 1^4 + 1^7 + 10^1 + 11^0 + 21^2 &= 14 + 17 + 101 + 110 + 212 \\
 454 &:= 1^4 + 2^6 + 8^2 + 15^0 + 18^2 &= 14 + 26 + 82 + 150 + 182 \\
 454 &:= 1^4 + 3^4 + 4^3 + 17^2 + 19^1 &= 14 + 34 + 43 + 172 + 191 \\
 454 &:= 1^5 + 1^6 + 10^1 + 11^0 + 21^2 &= 15 + 16 + 101 + 110 + 212 \\
 454 &:= 1^5 + 2^1 + 2^5 + 19^1 + 20^2 &= 15 + 21 + 25 + 191 + 202 \\
 454 &:= 1^5 + 2^2 + 4^4 + 13^2 + 24^1 &= 15 + 22 + 44 + 132 + 241 \\
 454 &:= 1^5 + 2^3 + 3^3 + 18^1 + 20^2 &= 15 + 23 + 33 + 181 + 202 \\
 454 &:= 1^5 + 2^4 + 10^2 + 13^1 + 18^2 &= 15 + 24 + 102 + 131 + 182 \\
 454 &:= 1^5 + 2^4 + 12^1 + 13^2 + 16^2 &= 15 + 24 + 121 + 132 + 162 \\
 454 &:= 1^5 + 2^5 + 10^1 + 11^1 + 20^2 &= 15 + 25 + 101 + 111 + 202 \\
 454 &:= 1^5 + 2^5 + 3^1 + 18^1 + 20^2 &= 15 + 25 + 31 + 181 + 202 \\
 454 &:= 1^5 + 2^5 + 4^1 + 17^1 + 20^2 &= 15 + 25 + 41 + 171 + 202 \\
 454 &:= 1^5 + 2^5 + 5^1 + 16^1 + 20^2 &= 15 + 25 + 51 + 161 + 202 \\
 454 &:= 1^5 + 2^5 + 6^1 + 15^1 + 20^2 &= 15 + 25 + 61 + 151 + 202 \\
 454 &:= 1^5 + 2^5 + 7^1 + 14^1 + 20^2 &= 15 + 25 + 71 + 141 + 202
 \end{aligned}$$

$$\begin{aligned} 454 &:= 1^5 + 2^5 + 8^1 + 13^1 + 20^2 = 15 + 25 + 81 + 131 + 202 \\ 454 &:= 1^5 + 2^5 + 9^1 + 12^1 + 20^2 = 15 + 25 + 91 + 121 + 202 \\ 454 &:= 1^5 + 3^3 + 4^4 + 13^2 + 23^0 = 15 + 33 + 44 + 132 + 230 \\ 454 &:= 1^6 + 2^2 + 7^3 + 9^2 + 25^1 = 16 + 22 + 73 + 92 + 251 \\ 454 &:= 1^6 + 2^3 + 12^1 + 12^2 + 17^2 = 16 + 23 + 121 + 122 + 172 \\ 454 &:= 1^6 + 2^4 + 6^2 + 15^0 + 20^2 = 16 + 24 + 62 + 150 + 202 \\ 454 &:= 1^6 + 3^2 + 3^3 + 17^1 + 20^2 = 16 + 32 + 33 + 171 + 202 \\ 454 &:= 1^6 + 3^3 + 4^3 + 17^0 + 19^2 = 16 + 33 + 43 + 170 + 192 \\ 454 &:= 1^6 + 3^5 + 13^0 + 13^1 + 14^2 = 16 + 35 + 130 + 131 + 142 \\ 454 &:= 1^6 + 4^3 + 11^2 + 12^1 + 16^2 = 16 + 43 + 112 + 121 + 162 \\ 454 &:= 1^6 + 4^3 + 4^3 + 17^0 + 18^2 = 16 + 43 + 43 + 170 + 182 \\ 454 &:= 1^6 + 6^3 + 10^2 + 11^2 + 16^1 = 16 + 63 + 102 + 112 + 161 \\ 454 &:= 1^7 + 3^2 + 11^1 + 12^2 + 17^2 = 17 + 32 + 111 + 122 + 172 \\ 454 &:= 1^7 + 3^2 + 7^3 + 10^2 + 23^0 = 17 + 32 + 73 + 102 + 230 \\ 454 &:= 1^7 + 3^3 + 11^0 + 13^2 + 16^2 = 17 + 33 + 110 + 132 + 162 \\ 454 &:= 1^7 + 3^3 + 5^2 + 15^0 + 20^2 = 17 + 33 + 52 + 150 + 202 \\ 454 &:= 1^7 + 3^3 + 8^2 + 13^0 + 19^2 = 17 + 33 + 82 + 130 + 192 \\ 454 &:= 1^7 + 3^4 + 10^1 + 11^0 + 19^2 = 17 + 34 + 101 + 110 + 192 \\ 454 &:= 1^7 + 4^2 + 8^2 + 12^1 + 19^2 = 17 + 42 + 82 + 121 + 192 \\ 454 &:= 1^7 + 4^3 + 8^2 + 13^0 + 18^2 = 17 + 43 + 82 + 130 + 182 \\ 454 &:= 1^7 + 6^3 + 6^3 + 11^0 + 20^1 = 17 + 63 + 63 + 110 + 201 \\ 454 &:= 1^7 + 7^1 + 10^2 + 11^2 + 15^2 = 17 + 71 + 102 + 112 + 152 \\ 454 &:= 1^7 + 7^1 + 9^2 + 13^2 + 14^2 = 17 + 71 + 92 + 132 + 142 \\ 454 &:= 1^8 + 2^1 + 6^2 + 15^1 + 20^2 = 18 + 21 + 62 + 151 + 202 \\ 454 &:= 1^8 + 2^3 + 3^1 + 17^0 + 21^2 = 18 + 23 + 31 + 170 + 212 \\ 454 &:= 1^8 + 2^7 + 2^7 + 14^2 + 24^0 = 18 + 27 + 27 + 142 + 240 \\ 454 &:= 1^8 + 3^1 + 5^3 + 17^0 + 18^2 = 18 + 31 + 53 + 170 + 182 \\ 454 &:= 1^8 + 3^1 + 6^2 + 14^1 + 20^2 = 18 + 31 + 62 + 141 + 202 \\ 454 &:= 1^8 + 4^1 + 6^2 + 13^1 + 20^2 = 18 + 41 + 62 + 131 + 202 \\ 454 &:= 1^8 + 4^2 + 6^2 + 13^0 + 20^2 = 18 + 42 + 62 + 130 + 202 \\ 454 &:= 1^8 + 5^1 + 6^2 + 12^1 + 20^2 = 18 + 51 + 62 + 121 + 202 \\ 454 &:= 1^8 + 6^1 + 6^2 + 11^1 + 20^2 = 18 + 61 + 62 + 111 + 202 \\ 454 &:= 1^8 + 6^2 + 7^1 + 10^1 + 20^2 = 18 + 62 + 71 + 101 + 202 \\ 454 &:= 1^8 + 6^2 + 8^1 + 9^1 + 20^2 = 18 + 62 + 81 + 91 + 202 \\ 454 &:= 1^8 + 6^3 + 11^0 + 11^1 + 15^2 = 18 + 63 + 110 + 111 + 152 \\ 454 &:= 1^8 + 7^3 + 9^1 + 10^2 + 17^0 = 18 + 73 + 91 + 102 + 170 \\ 454 &:= 1^8 + 8^2 + 8^2 + 9^0 + 18^2 = 18 + 82 + 82 + 90 + 182 \\ 454 &:= 1^9 + 2^1 + 11^0 + 15^2 + 15^2 = 19 + 21 + 110 + 152 + 152 \end{aligned}$$

$$\begin{aligned} 454 &:= 1^9 + 2^1 + 3^2 + 17^0 + 21^2 = 19 + 21 + 32 + 170 + 212 \\ 454 &:= 1^9 + 2^2 + 7^1 + 13^0 + 21^2 = 19 + 22 + 71 + 130 + 212 \\ 454 &:= 1^9 + 3^1 + 7^2 + 13^0 + 20^2 = 19 + 31 + 72 + 130 + 202 \\ 454 &:= 1^9 + 5^0 + 9^2 + 10^1 + 19^2 = 19 + 50 + 92 + 101 + 192 \\ 454 &:= 1^9 + 7^0 + 7^1 + 11^2 + 18^2 = 19 + 70 + 71 + 112 + 182 \\ 454 &:= 2^0 + 2^1 + 9^1 + 11^0 + 21^2 = 20 + 21 + 91 + 110 + 212 \\ 454 &:= 2^0 + 2^6 + 2^6 + 18^2 + 20^0 = 20 + 26 + 26 + 182 + 200 \\ 454 &:= 2^0 + 3^1 + 8^1 + 11^0 + 21^2 = 20 + 31 + 81 + 110 + 212 \\ 454 &:= 2^0 + 4^1 + 7^1 + 11^0 + 21^2 = 20 + 41 + 71 + 110 + 212 \\ 454 &:= 2^0 + 5^1 + 6^1 + 11^0 + 21^2 = 20 + 51 + 61 + 110 + 212 \\ 454 &:= 2^1 + 2^6 + 3^5 + 12^2 + 25^0 = 21 + 26 + 35 + 122 + 250 \\ 454 &:= 2^1 + 3^0 + 9^1 + 10^0 + 21^2 = 21 + 30 + 91 + 100 + 212 \\ 454 &:= 2^1 + 4^0 + 9^0 + 9^1 + 21^2 = 21 + 40 + 90 + 91 + 212 \\ 454 &:= 2^1 + 5^0 + 8^0 + 9^1 + 21^2 = 21 + 50 + 80 + 91 + 212 \\ 454 &:= 2^1 + 6^0 + 7^0 + 9^1 + 21^2 = 21 + 60 + 70 + 91 + 212 \\ 454 &:= 2^2 + 2^7 + 5^3 + 14^2 + 21^0 = 22 + 27 + 53 + 142 + 210 \\ 454 &:= 2^2 + 2^7 + 7^2 + 16^2 + 17^1 = 22 + 27 + 72 + 162 + 171 \\ 454 &:= 2^2 + 2^7 + 9^2 + 15^2 + 16^1 = 22 + 27 + 92 + 152 + 161 \\ 454 &:= 2^2 + 2^8 + 7^2 + 12^2 + 21^0 = 22 + 28 + 72 + 122 + 210 \\ 454 &:= 2^2 + 3^4 + 3^5 + 10^2 + 26^1 = 22 + 34 + 35 + 102 + 261 \\ 454 &:= 2^3 + 2^6 + 12^2 + 13^1 + 15^2 = 23 + 26 + 122 + 131 + 152 \\ 454 &:= 2^3 + 2^6 + 5^3 + 16^2 + 19^0 = 23 + 26 + 53 + 162 + 190 \\ 454 &:= 2^3 + 2^7 + 11^2 + 14^2 + 15^0 = 23 + 27 + 112 + 142 + 150 \\ 454 &:= 2^3 + 2^8 + 7^0 + 13^2 + 20^1 = 23 + 28 + 70 + 132 + 201 \\ 454 &:= 2^3 + 3^4 + 3^5 + 11^2 + 25^0 = 23 + 34 + 35 + 112 + 250 \\ 454 &:= 2^4 + 2^5 + 12^1 + 13^2 + 15^2 = 24 + 25 + 121 + 132 + 152 \\ 454 &:= 2^4 + 2^6 + 7^2 + 15^0 + 18^2 = 24 + 26 + 72 + 150 + 182 \\ 454 &:= 2^4 + 2^7 + 3^0 + 17^2 + 20^1 = 24 + 27 + 30 + 172 + 201 \\ 454 &:= 2^4 + 3^4 + 4^4 + 10^2 + 25^0 = 24 + 34 + 44 + 102 + 250 \\ 454 &:= 2^5 + 2^5 + 10^2 + 13^0 + 17^2 = 25 + 25 + 102 + 130 + 172 \\ 454 &:= 2^5 + 3^2 + 3^5 + 13^2 + 23^0 = 25 + 32 + 35 + 132 + 230 \\ 454 &:= 2^5 + 3^3 + 5^2 + 7^3 + 27^1 = 25 + 33 + 52 + 73 + 271 \\ 454 &:= 2^5 + 3^4 + 6^2 + 16^1 + 17^2 = 25 + 34 + 62 + 161 + 172 \\ 454 &:= 2^5 + 4^3 + 6^3 + 11^2 + 21^1 = 25 + 43 + 63 + 112 + 211 \\ 454 &:= 2^5 + 4^4 + 8^2 + 9^2 + 21^1 = 25 + 44 + 82 + 92 + 211 \\ 454 &:= 2^6 + 2^6 + 10^0 + 12^0 + 18^2 = 26 + 26 + 100 + 120 + 182 \\ 454 &:= 2^6 + 2^6 + 11^0 + 11^0 + 18^2 = 26 + 26 + 110 + 110 + 182 \\ 454 &:= 2^6 + 2^6 + 3^0 + 18^2 + 19^0 = 26 + 26 + 30 + 182 + 190 \end{aligned}$$

$$\begin{aligned}
 454 &:= 2^6 + 2^6 + 4^0 + 18^0 + 18^2 = 26 + 26 + 40 + 180 + 182 \\
 454 &:= 2^6 + 2^6 + 5^0 + 17^0 + 18^2 = 26 + 26 + 50 + 170 + 182 \\
 454 &:= 2^6 + 2^6 + 6^0 + 16^0 + 18^2 = 26 + 26 + 60 + 160 + 182 \\
 454 &:= 2^6 + 2^6 + 7^0 + 15^0 + 18^2 = 26 + 26 + 70 + 150 + 182 \\
 454 &:= 2^6 + 2^6 + 8^0 + 14^0 + 18^2 = 26 + 26 + 80 + 140 + 182 \\
 454 &:= 2^6 + 2^6 + 9^0 + 13^0 + 18^2 = 26 + 26 + 90 + 130 + 182 \\
 454 &:= 2^6 + 3^0 + 3^5 + 11^2 + 25^1 = 26 + 30 + 35 + 112 + 251 \\
 454 &:= 2^6 + 3^2 + 6^3 + 12^2 + 21^1 = 26 + 32 + 63 + 122 + 211 \\
 454 &:= 2^6 + 4^3 + 12^2 + 13^1 + 13^2 = 26 + 43 + 122 + 131 + 132 \\
 454 &:= 2^6 + 4^4 + 5^3 + 8^1 + 25^0 = 26 + 44 + 53 + 81 + 250 \\
 454 &:= 2^6 + 5^3 + 9^2 + 13^2 + 15^1 = 26 + 53 + 92 + 132 + 151 \\
 454 &:= 2^7 + 3^0 + 3^5 + 9^2 + 27^0 = 27 + 30 + 35 + 92 + 270 \\
 454 &:= 2^7 + 3^2 + 3^2 + 17^2 + 19^1 = 27 + 32 + 32 + 172 + 191 \\
 454 &:= 2^7 + 3^2 + 3^3 + 17^2 + 19^0 = 27 + 32 + 33 + 172 + 190 \\
 454 &:= 2^7 + 3^2 + 6^3 + 10^2 + 23^0 = 27 + 32 + 63 + 102 + 230 \\
 454 &:= 2^7 + 3^4 + 5^0 + 15^2 + 19^1 = 27 + 34 + 50 + 152 + 191 \\
 454 &:= 2^7 + 3^5 + 4^0 + 9^2 + 26^0 = 27 + 35 + 40 + 92 + 260 \\
 454 &:= 2^7 + 3^5 + 5^0 + 9^2 + 25^0 = 27 + 35 + 50 + 92 + 250 \\
 454 &:= 2^7 + 3^5 + 6^0 + 9^2 + 24^0 = 27 + 35 + 60 + 92 + 240 \\
 454 &:= 2^7 + 3^5 + 7^0 + 9^2 + 23^0 = 27 + 35 + 70 + 92 + 230 \\
 454 &:= 2^7 + 3^5 + 8^0 + 9^2 + 22^0 = 27 + 35 + 80 + 92 + 220 \\
 454 &:= 2^7 + 3^5 + 9^0 + 9^2 + 21^0 = 27 + 35 + 90 + 92 + 210 \\
 454 &:= 2^7 + 3^5 + 9^2 + 10^0 + 20^0 = 27 + 35 + 92 + 100 + 200 \\
 454 &:= 2^7 + 3^5 + 9^2 + 11^0 + 19^0 = 27 + 35 + 92 + 110 + 190 \\
 454 &:= 2^7 + 3^5 + 9^2 + 12^0 + 18^0 = 27 + 35 + 92 + 120 + 180 \\
 454 &:= 2^7 + 3^5 + 9^2 + 13^0 + 17^0 = 27 + 35 + 92 + 130 + 170 \\
 454 &:= 2^7 + 3^5 + 9^2 + 14^0 + 16^0 = 27 + 35 + 92 + 140 + 160 \\
 454 &:= 2^7 + 3^5 + 9^2 + 15^0 + 15^0 = 27 + 35 + 92 + 150 + 150
 \end{aligned}$$

$$\begin{aligned}
 454 &:= 2^7 + 4^2 + 10^2 + 14^1 + 14^2 = 27 + 42 + 102 + 141 + 142 \\
 454 &:= 2^7 + 4^3 + 6^2 + 15^2 + 17^0 = 27 + 43 + 62 + 152 + 170 \\
 454 &:= 2^7 + 4^4 + 5^1 + 8^2 + 25^0 = 27 + 44 + 51 + 82 + 250 \\
 454 &:= 2^7 + 4^4 + 7^2 + 11^0 + 20^1 = 27 + 44 + 72 + 110 + 201 \\
 454 &:= 2^7 + 5^2 + 12^2 + 12^2 + 13^1 = 27 + 52 + 122 + 122 + 131 \\
 454 &:= 2^7 + 5^3 + 10^2 + 10^2 + 17^0 = 27 + 53 + 102 + 102 + 170 \\
 454 &:= 2^7 + 6^2 + 9^2 + 13^1 + 14^2 = 27 + 62 + 92 + 131 + 142 \\
 454 &:= 2^7 + 7^2 + 11^2 + 12^1 + 12^2 = 27 + 72 + 112 + 121 + 122 \\
 454 &:= 2^7 + 8^2 + 9^2 + 12^1 + 13^2 = 27 + 82 + 92 + 121 + 132 \\
 454 &:= 2^8 + 4^2 + 9^2 + 10^2 + 19^0 = 28 + 42 + 92 + 102 + 190 \\
 454 &:= 2^8 + 4^3 + 11^2 + 12^1 + 15^0 = 28 + 43 + 112 + 121 + 150 \\
 454 &:= 2^8 + 5^3 + 7^0 + 7^2 + 23^1 = 28 + 53 + 70 + 72 + 231 \\
 454 &:= 2^8 + 5^3 + 8^1 + 8^2 + 21^0 = 28 + 53 + 81 + 82 + 210 \\
 454 &:= 3^0 + 3^1 + 8^1 + 10^0 + 21^2 = 30 + 31 + 81 + 100 + 212 \\
 454 &:= 3^0 + 4^1 + 7^1 + 10^0 + 21^2 = 30 + 41 + 71 + 100 + 212 \\
 454 &:= 3^0 + 5^1 + 6^1 + 10^0 + 21^2 = 30 + 51 + 61 + 100 + 212 \\
 454 &:= 3^1 + 4^0 + 8^1 + 9^0 + 21^2 = 31 + 40 + 81 + 90 + 212 \\
 454 &:= 3^1 + 5^0 + 8^0 + 8^1 + 21^2 = 31 + 50 + 80 + 81 + 212 \\
 454 &:= 3^1 + 6^0 + 7^0 + 8^1 + 21^2 = 31 + 60 + 70 + 81 + 212 \\
 454 &:= 3^3 + 3^4 + 4^4 + 8^2 + 26^1 = 33 + 34 + 44 + 82 + 261 \\
 454 &:= 3^4 + 3^5 + 5^2 + 9^2 + 24^1 = 34 + 35 + 52 + 92 + 241 \\
 454 &:= 4^0 + 4^1 + 7^1 + 9^0 + 21^2 = 40 + 41 + 71 + 90 + 212 \\
 454 &:= 4^0 + 5^1 + 6^1 + 9^0 + 21^2 = 40 + 51 + 61 + 90 + 212 \\
 454 &:= 4^1 + 5^0 + 7^1 + 8^0 + 21^2 = 41 + 50 + 71 + 80 + 212 \\
 454 &:= 4^1 + 6^0 + 7^0 + 7^1 + 21^2 = 41 + 60 + 70 + 71 + 212 \\
 454 &:= 5^0 + 5^1 + 6^1 + 8^0 + 21^2 = 50 + 51 + 61 + 80 + 212 \\
 454 &:= 5^1 + 6^0 + 6^1 + 7^0 + 21^2 = 51 + 60 + 61 + 70 + 212
 \end{aligned}$$

2.2.356 Number 455

$$\begin{aligned}
 455 &:= 6^2 + 19^1 + 20^2 = 62 + 191 + 202 \\
 455 &:= 1^0 + 6^2 + 18^1 + 20^2 = 10 + 62 + 181 + 202 \\
 455 &:= 1^2 + 11^0 + 12^1 + 21^2 = 12 + 110 + 121 + 212 \\
 455 &:= 2^1 + 13^0 + 14^2 + 16^2 = 21 + 130 + 142 + 162 \\
 455 &:= 2^2 + 9^1 + 13^0 + 21^2 = 22 + 91 + 130 + 212 \\
 455 &:= 3^2 + 4^1 + 17^0 + 21^2 = 32 + 41 + 170 + 212 \\
 455 &:= 4^1 + 11^0 + 15^2 + 15^2 = 41 + 110 + 152 + 152
 \end{aligned}$$

$$\begin{aligned}
 455 &:= 5^0 + 9^2 + 12^1 + 19^2 = 50 + 92 + 121 + 192 \\
 455 &:= 5^1 + 7^2 + 13^0 + 20^2 = 51 + 72 + 130 + 202 \\
 455 &:= 7^0 + 9^1 + 11^2 + 18^2 = 70 + 91 + 112 + 182 \\
 455 &:= 1^0 + 1^0 + 6^2 + 17^1 + 20^2 = 10 + 10 + 62 + 171 + 202 \\
 455 &:= 1^0 + 1^1 + 13^0 + 14^2 + 16^2 = 10 + 11 + 130 + 142 + 162 \\
 455 &:= 1^0 + 1^2 + 11^0 + 11^1 + 21^2 = 10 + 12 + 110 + 111 + 212 \\
 455 &:= 1^0 + 1^5 + 2^8 + 14^2 + 26^0 = 10 + 15 + 28 + 142 + 260
 \end{aligned}$$

$$\begin{aligned} 455 &:= 1^0 + 1^6 + 2^7 + 18^2 + 22^0 = 10 + 16 + 27 + 182 + 220 \\ 455 &:= 1^0 + 1^9 + 4^4 + 14^2 + 24^0 = 10 + 19 + 44 + 142 + 240 \\ 455 &:= 1^0 + 2^2 + 8^1 + 13^0 + 21^2 = 10 + 22 + 81 + 130 + 212 \\ 455 &:= 1^0 + 3^1 + 11^0 + 15^2 + 15^2 = 10 + 31 + 110 + 152 + 152 \\ 455 &:= 1^0 + 3^1 + 3^2 + 17^0 + 21^2 = 10 + 31 + 32 + 170 + 212 \\ 455 &:= 1^0 + 4^1 + 7^2 + 13^0 + 20^2 = 10 + 41 + 72 + 130 + 202 \\ 455 &:= 1^0 + 5^0 + 9^2 + 11^1 + 19^2 = 10 + 50 + 92 + 111 + 192 \\ 455 &:= 1^0 + 7^0 + 8^1 + 11^2 + 18^2 = 10 + 70 + 81 + 112 + 182 \\ 455 &:= 1^1 + 1^1 + 11^0 + 11^1 + 21^2 = 11 + 11 + 110 + 111 + 212 \\ 455 &:= 1^1 + 1^4 + 2^8 + 14^2 + 26^0 = 11 + 14 + 28 + 142 + 260 \\ 455 &:= 1^1 + 1^5 + 2^7 + 18^2 + 22^0 = 11 + 15 + 27 + 182 + 220 \\ 455 &:= 1^1 + 1^8 + 4^4 + 14^2 + 24^0 = 11 + 18 + 44 + 142 + 240 \\ 455 &:= 1^1 + 2^0 + 12^0 + 14^2 + 16^2 = 11 + 20 + 120 + 142 + 162 \\ 455 &:= 1^1 + 2^1 + 10^1 + 11^0 + 21^2 = 11 + 21 + 101 + 110 + 212 \\ 455 &:= 1^1 + 3^0 + 11^0 + 14^2 + 16^2 = 11 + 30 + 110 + 142 + 162 \\ 455 &:= 1^1 + 3^1 + 9^1 + 11^0 + 21^2 = 11 + 31 + 91 + 110 + 212 \\ 455 &:= 1^1 + 4^0 + 10^0 + 14^2 + 16^2 = 11 + 40 + 100 + 142 + 162 \\ 455 &:= 1^1 + 4^1 + 8^1 + 11^0 + 21^2 = 11 + 41 + 81 + 110 + 212 \\ 455 &:= 1^1 + 5^0 + 9^0 + 14^2 + 16^2 = 11 + 50 + 90 + 142 + 162 \\ 455 &:= 1^1 + 5^1 + 7^1 + 11^0 + 21^2 = 11 + 51 + 71 + 110 + 212 \\ 455 &:= 1^1 + 6^0 + 8^0 + 14^2 + 16^2 = 11 + 60 + 80 + 142 + 162 \\ 455 &:= 1^1 + 6^1 + 6^1 + 11^0 + 21^2 = 11 + 61 + 61 + 110 + 212 \\ 455 &:= 1^1 + 7^0 + 7^0 + 14^2 + 16^2 = 11 + 70 + 70 + 142 + 162 \\ 455 &:= 1^2 + 1^3 + 2^8 + 14^2 + 26^0 = 12 + 13 + 28 + 142 + 260 \\ 455 &:= 1^2 + 1^4 + 2^7 + 18^2 + 22^0 = 12 + 14 + 27 + 182 + 220 \\ 455 &:= 1^2 + 1^7 + 4^4 + 14^2 + 24^0 = 12 + 17 + 44 + 142 + 240 \\ 455 &:= 1^2 + 1^9 + 12^0 + 14^2 + 16^2 = 12 + 19 + 120 + 142 + 162 \\ 455 &:= 1^2 + 2^0 + 10^0 + 11^1 + 21^2 = 12 + 20 + 100 + 111 + 212 \\ 455 &:= 1^2 + 3^0 + 9^0 + 11^1 + 21^2 = 12 + 30 + 90 + 111 + 212 \\ 455 &:= 1^2 + 4^0 + 8^0 + 11^1 + 21^2 = 12 + 40 + 80 + 111 + 212 \\ 455 &:= 1^2 + 5^0 + 7^0 + 11^1 + 21^2 = 12 + 50 + 70 + 111 + 212 \\ 455 &:= 1^2 + 6^0 + 6^0 + 11^1 + 21^2 = 12 + 60 + 60 + 111 + 212 \\ 455 &:= 1^3 + 1^3 + 2^7 + 18^2 + 22^0 = 13 + 13 + 27 + 182 + 220 \\ 455 &:= 1^3 + 1^6 + 4^4 + 14^2 + 24^0 = 13 + 16 + 44 + 142 + 240 \\ 455 &:= 1^3 + 1^8 + 12^0 + 14^2 + 16^2 = 13 + 18 + 120 + 142 + 162 \\ 455 &:= 1^3 + 1^9 + 10^0 + 11^1 + 21^2 = 13 + 19 + 100 + 111 + 212 \\ 455 &:= 1^4 + 1^5 + 4^4 + 14^2 + 24^0 = 14 + 15 + 44 + 142 + 240 \\ 455 &:= 1^4 + 1^7 + 12^0 + 14^2 + 16^2 = 14 + 17 + 120 + 142 + 162 \end{aligned}$$

$$\begin{aligned} 455 &:= 1^4 + 1^8 + 10^0 + 11^1 + 21^2 = 14 + 18 + 100 + 111 + 212 \\ 455 &:= 1^4 + 2^7 + 10^2 + 15^2 + 16^0 = 14 + 27 + 102 + 152 + 160 \\ 455 &:= 1^4 + 2^7 + 6^2 + 17^2 + 18^0 = 14 + 27 + 62 + 172 + 180 \\ 455 &:= 1^5 + 1^6 + 12^0 + 14^2 + 16^2 = 15 + 16 + 120 + 142 + 162 \\ 455 &:= 1^5 + 1^7 + 10^0 + 11^1 + 21^2 = 15 + 17 + 100 + 111 + 212 \\ 455 &:= 1^5 + 2^0 + 2^8 + 14^2 + 25^0 = 15 + 20 + 28 + 142 + 250 \\ 455 &:= 1^5 + 2^6 + 10^2 + 14^0 + 17^2 = 15 + 26 + 102 + 140 + 172 \\ 455 &:= 1^5 + 2^8 + 10^0 + 14^2 + 17^0 = 15 + 28 + 100 + 142 + 170 \\ 455 &:= 1^5 + 2^8 + 11^0 + 14^2 + 16^0 = 15 + 28 + 110 + 142 + 160 \\ 455 &:= 1^5 + 2^8 + 12^0 + 14^2 + 15^0 = 15 + 28 + 120 + 142 + 150 \\ 455 &:= 1^5 + 2^8 + 13^0 + 14^0 + 14^2 = 15 + 28 + 130 + 140 + 142 \\ 455 &:= 1^5 + 2^8 + 3^0 + 14^2 + 24^0 = 15 + 28 + 30 + 142 + 240 \\ 455 &:= 1^5 + 2^8 + 4^0 + 14^2 + 23^0 = 15 + 28 + 40 + 142 + 230 \\ 455 &:= 1^5 + 2^8 + 5^0 + 14^2 + 22^0 = 15 + 28 + 50 + 142 + 220 \\ 455 &:= 1^5 + 2^8 + 6^0 + 14^2 + 21^0 = 15 + 28 + 60 + 142 + 210 \\ 455 &:= 1^5 + 2^8 + 7^0 + 14^2 + 20^0 = 15 + 28 + 70 + 142 + 200 \\ 455 &:= 1^5 + 2^8 + 8^0 + 14^2 + 19^0 = 15 + 28 + 80 + 142 + 190 \\ 455 &:= 1^5 + 2^8 + 9^0 + 14^2 + 18^0 = 15 + 28 + 90 + 142 + 180 \\ 455 &:= 1^6 + 1^6 + 10^0 + 11^1 + 21^2 = 16 + 16 + 100 + 111 + 212 \\ 455 &:= 1^6 + 1^9 + 2^8 + 14^2 + 25^0 = 16 + 19 + 28 + 142 + 250 \\ 455 &:= 1^6 + 2^0 + 2^7 + 18^2 + 21^0 = 16 + 20 + 27 + 182 + 210 \\ 455 &:= 1^6 + 2^5 + 12^0 + 14^2 + 15^2 = 16 + 25 + 120 + 142 + 152 \\ 455 &:= 1^6 + 2^7 + 10^0 + 13^0 + 18^2 = 16 + 27 + 100 + 130 + 182 \\ 455 &:= 1^6 + 2^7 + 11^0 + 12^0 + 18^2 = 16 + 27 + 110 + 120 + 182 \\ 455 &:= 1^6 + 2^7 + 3^0 + 18^2 + 20^0 = 16 + 27 + 30 + 182 + 200 \\ 455 &:= 1^6 + 2^7 + 4^0 + 18^2 + 19^0 = 16 + 27 + 40 + 182 + 190 \\ 455 &:= 1^6 + 2^7 + 5^0 + 18^0 + 18^2 = 16 + 27 + 50 + 180 + 182 \\ 455 &:= 1^6 + 2^7 + 6^0 + 17^0 + 18^2 = 16 + 27 + 60 + 170 + 182 \\ 455 &:= 1^6 + 2^7 + 7^0 + 16^0 + 18^2 = 16 + 27 + 70 + 160 + 182 \\ 455 &:= 1^6 + 2^7 + 8^0 + 15^0 + 18^2 = 16 + 27 + 80 + 150 + 182 \\ 455 &:= 1^6 + 2^7 + 9^0 + 14^0 + 18^2 = 16 + 27 + 90 + 140 + 182 \\ 455 &:= 1^7 + 1^8 + 2^8 + 14^2 + 25^0 = 17 + 18 + 28 + 142 + 250 \\ 455 &:= 1^7 + 1^9 + 2^7 + 18^2 + 21^0 = 17 + 19 + 27 + 182 + 210 \\ 455 &:= 1^7 + 3^5 + 12^0 + 14^1 + 14^2 = 17 + 35 + 120 + 141 + 142 \\ 455 &:= 1^8 + 1^8 + 2^7 + 18^2 + 21^0 = 18 + 18 + 27 + 182 + 210 \\ 455 &:= 1^8 + 2^2 + 2^3 + 18^0 + 21^2 = 18 + 22 + 23 + 180 + 212 \\ 455 &:= 1^8 + 2^2 + 5^3 + 18^0 + 18^2 = 18 + 22 + 53 + 180 + 182 \\ 455 &:= 1^8 + 2^3 + 11^2 + 12^0 + 18^2 = 18 + 23 + 112 + 120 + 182 \end{aligned}$$

$$\begin{aligned} 455 &:= 1^8 + 3^4 + 10^0 + 11^1 + 19^2 = 18 + 34 + 100 + 111 + 192 \\ 455 &:= 1^8 + 4^3 + 10^2 + 12^0 + 17^2 = 18 + 43 + 102 + 120 + 172 \\ 455 &:= 1^8 + 6^3 + 6^3 + 10^0 + 21^1 = 18 + 63 + 63 + 100 + 211 \\ 455 &:= 1^9 + 2^0 + 4^4 + 14^2 + 23^0 = 19 + 20 + 44 + 142 + 230 \\ 455 &:= 1^9 + 2^2 + 7^2 + 14^0 + 20^2 = 19 + 22 + 72 + 140 + 202 \\ 455 &:= 1^9 + 2^3 + 4^1 + 16^0 + 21^2 = 19 + 23 + 41 + 160 + 212 \\ 455 &:= 1^9 + 3^0 + 4^4 + 14^2 + 22^0 = 19 + 30 + 44 + 142 + 220 \\ 455 &:= 1^9 + 4^0 + 4^4 + 14^2 + 21^0 = 19 + 40 + 44 + 142 + 210 \\ 455 &:= 1^9 + 4^1 + 5^3 + 16^0 + 18^2 = 19 + 41 + 53 + 160 + 182 \\ 455 &:= 1^9 + 4^4 + 10^0 + 14^2 + 15^0 = 19 + 44 + 100 + 142 + 150 \\ 455 &:= 1^9 + 4^4 + 11^0 + 14^0 + 14^2 = 19 + 44 + 110 + 140 + 142 \\ 455 &:= 1^9 + 4^4 + 12^0 + 13^0 + 14^2 = 19 + 44 + 120 + 130 + 142 \\ 455 &:= 1^9 + 4^4 + 5^0 + 14^2 + 20^0 = 19 + 44 + 50 + 142 + 200 \\ 455 &:= 1^9 + 4^4 + 6^0 + 14^2 + 19^0 = 19 + 44 + 60 + 142 + 190 \\ 455 &:= 1^9 + 4^4 + 7^0 + 14^2 + 18^0 = 19 + 44 + 70 + 142 + 180 \\ 455 &:= 1^9 + 4^4 + 8^0 + 14^2 + 17^0 = 19 + 44 + 80 + 142 + 170 \\ 455 &:= 1^9 + 4^4 + 9^0 + 14^2 + 16^0 = 19 + 44 + 90 + 142 + 160 \\ 455 &:= 1^9 + 6^3 + 10^0 + 12^1 + 15^2 = 19 + 63 + 100 + 121 + 152 \\ 455 &:= 1^9 + 7^3 + 10^1 + 10^2 + 16^0 = 19 + 73 + 101 + 102 + 160 \\ 455 &:= 1^9 + 8^0 + 8^2 + 10^2 + 17^2 = 19 + 80 + 82 + 102 + 172 \\ 455 &:= 2^0 + 2^2 + 8^1 + 12^0 + 21^2 = 20 + 22 + 81 + 120 + 212 \\ 455 &:= 2^0 + 3^1 + 10^0 + 15^2 + 15^2 = 20 + 31 + 100 + 152 + 152 \\ 455 &:= 2^0 + 3^1 + 3^2 + 16^0 + 21^2 = 20 + 31 + 32 + 160 + 212 \\ 455 &:= 2^0 + 4^0 + 9^2 + 11^1 + 19^2 = 20 + 40 + 92 + 111 + 192 \\ 455 &:= 2^0 + 4^1 + 7^2 + 12^0 + 20^2 = 20 + 41 + 72 + 120 + 202 \\ 455 &:= 2^0 + 6^0 + 8^1 + 11^2 + 18^2 = 20 + 60 + 81 + 112 + 182 \\ 455 &:= 2^1 + 2^1 + 9^1 + 11^0 + 21^2 = 21 + 21 + 91 + 110 + 212 \\ 455 &:= 2^1 + 2^6 + 2^6 + 18^2 + 20^0 = 21 + 26 + 26 + 182 + 200 \\ 455 &:= 2^1 + 3^1 + 8^1 + 11^0 + 21^2 = 21 + 31 + 81 + 110 + 212 \\ 455 &:= 2^1 + 4^1 + 7^1 + 11^0 + 21^2 = 21 + 41 + 71 + 110 + 212 \\ 455 &:= 2^1 + 5^1 + 6^1 + 11^0 + 21^2 = 21 + 51 + 61 + 110 + 212 \\ 455 &:= 2^2 + 3^0 + 8^1 + 11^0 + 21^2 = 22 + 30 + 81 + 110 + 212 \\ 455 &:= 2^2 + 4^0 + 8^1 + 10^0 + 21^2 = 22 + 40 + 81 + 100 + 212 \\ 455 &:= 2^2 + 5^0 + 8^1 + 9^0 + 21^2 = 22 + 50 + 81 + 90 + 212 \\ 455 &:= 2^2 + 6^0 + 8^0 + 8^1 + 21^2 = 22 + 60 + 80 + 81 + 212 \end{aligned}$$

$$\begin{aligned} 455 &:= 2^2 + 7^0 + 7^0 + 8^1 + 21^2 = 22 + 70 + 70 + 81 + 212 \\ 455 &:= 2^4 + 2^8 + 13^1 + 13^2 + 14^0 = 24 + 28 + 131 + 132 + 140 \\ 455 &:= 2^5 + 2^6 + 7^3 + 15^1 + 18^0 = 25 + 26 + 73 + 151 + 180 \\ 455 &:= 2^5 + 2^7 + 5^1 + 17^2 + 18^0 = 25 + 27 + 51 + 172 + 180 \\ 455 &:= 2^6 + 3^5 + 5^3 + 12^0 + 22^1 = 26 + 35 + 53 + 120 + 221 \\ 455 &:= 2^7 + 3^4 + 7^2 + 14^2 + 18^0 = 27 + 34 + 72 + 142 + 180 \\ 455 &:= 2^7 + 3^5 + 8^2 + 12^0 + 19^1 = 27 + 35 + 82 + 120 + 191 \\ 455 &:= 2^8 + 3^2 + 5^3 + 8^2 + 26^0 = 28 + 32 + 53 + 82 + 260 \\ 455 &:= 2^8 + 3^4 + 10^2 + 12^0 + 17^1 = 28 + 34 + 102 + 120 + 171 \\ 455 &:= 2^8 + 4^3 + 5^3 + 9^1 + 24^0 = 28 + 43 + 53 + 91 + 240 \\ 455 &:= 3^0 + 3^0 + 9^2 + 11^1 + 19^2 = 30 + 30 + 92 + 111 + 192 \\ 455 &:= 3^0 + 3^1 + 3^2 + 15^0 + 21^2 = 30 + 31 + 32 + 150 + 212 \\ 455 &:= 3^0 + 3^1 + 9^0 + 15^2 + 15^2 = 30 + 31 + 90 + 152 + 152 \\ 455 &:= 3^0 + 4^1 + 7^2 + 11^0 + 20^2 = 30 + 41 + 72 + 110 + 202 \\ 455 &:= 3^0 + 5^0 + 8^1 + 11^2 + 18^2 = 30 + 50 + 81 + 112 + 182 \\ 455 &:= 3^1 + 3^1 + 7^1 + 11^0 + 21^2 = 31 + 31 + 71 + 110 + 212 \\ 455 &:= 3^1 + 3^2 + 4^0 + 14^0 + 21^2 = 31 + 32 + 40 + 140 + 212 \\ 455 &:= 3^1 + 3^2 + 5^0 + 13^0 + 21^2 = 31 + 32 + 50 + 130 + 212 \\ 455 &:= 3^1 + 3^2 + 6^0 + 12^0 + 21^2 = 31 + 32 + 60 + 120 + 212 \\ 455 &:= 3^1 + 3^2 + 7^0 + 11^0 + 21^2 = 31 + 32 + 70 + 110 + 212 \\ 455 &:= 3^1 + 3^2 + 8^0 + 10^0 + 21^2 = 31 + 32 + 80 + 100 + 212 \\ 455 &:= 3^1 + 3^2 + 9^0 + 9^0 + 21^2 = 31 + 32 + 90 + 90 + 212 \\ 455 &:= 3^1 + 4^0 + 8^0 + 15^2 + 15^2 = 31 + 40 + 80 + 152 + 152 \\ 455 &:= 3^1 + 4^1 + 6^1 + 11^0 + 21^2 = 31 + 41 + 61 + 110 + 212 \\ 455 &:= 3^1 + 5^0 + 7^0 + 15^2 + 15^2 = 31 + 50 + 70 + 152 + 152 \\ 455 &:= 3^1 + 5^1 + 5^1 + 11^0 + 21^2 = 31 + 51 + 51 + 110 + 212 \\ 455 &:= 3^1 + 6^0 + 6^0 + 15^2 + 15^2 = 31 + 60 + 60 + 152 + 152 \\ 455 &:= 4^0 + 4^0 + 8^1 + 11^2 + 18^2 = 40 + 40 + 81 + 112 + 182 \\ 455 &:= 4^0 + 4^1 + 7^2 + 10^0 + 20^2 = 40 + 41 + 72 + 100 + 202 \\ 455 &:= 4^1 + 4^1 + 5^1 + 11^0 + 21^2 = 41 + 41 + 51 + 110 + 212 \\ 455 &:= 4^1 + 5^0 + 7^2 + 9^0 + 20^2 = 41 + 50 + 72 + 90 + 202 \\ 455 &:= 4^1 + 6^0 + 7^2 + 8^0 + 20^2 = 41 + 60 + 72 + 80 + 202 \\ 455 &:= 4^1 + 7^0 + 7^0 + 7^2 + 20^2 = 41 + 70 + 70 + 72 + 202 \end{aligned}$$

2.2.357 Number 456

$$\begin{aligned}456 &:= 1^3 + 10^0 + 13^1 + 21^2 = 13 + 100 + 131 + 212 \\456 &:= 2^3 + 6^1 + 16^0 + 21^2 = 23 + 61 + 160 + 212 \\456 &:= 5^3 + 6^1 + 16^0 + 18^2 = 53 + 61 + 160 + 182 \\456 &:= 6^3 + 10^0 + 14^1 + 15^2 = 63 + 100 + 141 + 152 \\456 &:= 7^3 + 10^2 + 12^1 + 16^0 = 73 + 102 + 121 + 160 \\456 &:= 1^0 + 1^3 + 10^0 + 12^1 + 21^2 = 10 + 13 + 100 + 121 + 212 \\456 &:= 1^0 + 2^2 + 12^0 + 15^2 + 15^2 = 10 + 22 + 120 + 152 + 152 \\456 &:= 1^0 + 2^2 + 3^2 + 18^0 + 21^2 = 10 + 22 + 32 + 180 + 212 \\456 &:= 1^0 + 2^3 + 5^1 + 16^0 + 21^2 = 10 + 23 + 51 + 160 + 212 \\456 &:= 1^0 + 3^2 + 11^2 + 12^0 + 18^2 = 10 + 32 + 112 + 120 + 182 \\456 &:= 1^0 + 5^1 + 5^3 + 16^0 + 18^2 = 10 + 51 + 53 + 160 + 182 \\456 &:= 1^0 + 6^3 + 10^0 + 13^1 + 15^2 = 10 + 63 + 100 + 131 + 152 \\456 &:= 1^0 + 7^2 + 9^2 + 10^0 + 18^2 = 10 + 72 + 92 + 100 + 182 \\456 &:= 1^0 + 7^3 + 10^2 + 11^1 + 16^0 = 10 + 73 + 102 + 111 + 160 \\456 &:= 1^1 + 1^2 + 10^0 + 12^1 + 21^2 = 11 + 12 + 100 + 121 + 212 \\456 &:= 1^1 + 2^1 + 12^0 + 14^2 + 16^2 = 11 + 21 + 120 + 142 + 162 \\456 &:= 1^1 + 2^2 + 9^1 + 12^0 + 21^2 = 11 + 22 + 91 + 120 + 212 \\456 &:= 1^1 + 3^2 + 4^1 + 16^0 + 21^2 = 11 + 32 + 41 + 160 + 212 \\456 &:= 1^1 + 4^0 + 9^2 + 12^1 + 19^2 = 11 + 40 + 92 + 121 + 192 \\456 &:= 1^1 + 4^1 + 10^0 + 15^2 + 15^2 = 11 + 41 + 100 + 152 + 152 \\456 &:= 1^1 + 5^1 + 7^2 + 12^0 + 20^2 = 11 + 51 + 72 + 120 + 202 \\456 &:= 1^1 + 6^0 + 9^1 + 11^2 + 18^2 = 11 + 60 + 91 + 112 + 182 \\456 &:= 1^2 + 2^1 + 10^0 + 11^1 + 21^2 = 12 + 21 + 100 + 111 + 212 \\456 &:= 1^2 + 2^4 + 2^7 + 17^2 + 22^1 = 12 + 24 + 27 + 172 + 221 \\456 &:= 1^2 + 2^6 + 3^5 + 11^2 + 27^1 = 12 + 26 + 35 + 112 + 271 \\456 &:= 1^2 + 3^1 + 10^0 + 10^1 + 21^2 = 12 + 31 + 100 + 101 + 212 \\456 &:= 1^2 + 4^1 + 9^1 + 10^0 + 21^2 = 12 + 41 + 91 + 100 + 212 \\456 &:= 1^2 + 5^1 + 8^1 + 10^0 + 21^2 = 12 + 51 + 81 + 100 + 212 \\456 &:= 1^2 + 6^1 + 7^1 + 10^0 + 21^2 = 12 + 61 + 71 + 100 + 212 \\456 &:= 1^3 + 2^0 + 9^0 + 12^1 + 21^2 = 13 + 20 + 90 + 121 + 212 \\456 &:= 1^3 + 2^2 + 2^8 + 13^2 + 26^1 = 13 + 22 + 28 + 132 + 261 \\456 &:= 1^3 + 2^6 + 3^4 + 17^2 + 21^1 = 13 + 26 + 34 + 172 + 211 \\456 &:= 1^3 + 3^0 + 8^0 + 12^1 + 21^2 = 13 + 30 + 80 + 121 + 212 \\456 &:= 1^3 + 4^0 + 7^0 + 12^1 + 21^2 = 13 + 40 + 70 + 121 + 212 \\456 &:= 1^3 + 5^0 + 6^0 + 12^1 + 21^2 = 13 + 50 + 60 + 121 + 212 \\456 &:= 1^4 + 1^9 + 9^0 + 12^1 + 21^2 = 14 + 19 + 90 + 121 + 212 \\456 &:= 1^5 + 1^8 + 9^0 + 12^1 + 21^2 = 15 + 18 + 90 + 121 + 212 \\456 &:= 1^5 + 2^1 + 2^8 + 14^2 + 25^0 = 15 + 21 + 28 + 142 + 250\end{aligned}$$

$$\begin{aligned}456 &:= 1^5 + 2^6 + 11^2 + 14^1 + 16^2 = 15 + 26 + 112 + 141 + 162 \\456 &:= 1^6 + 1^7 + 9^0 + 12^1 + 21^2 = 16 + 17 + 90 + 121 + 212 \\456 &:= 1^6 + 2^1 + 2^7 + 18^2 + 21^0 = 16 + 21 + 27 + 182 + 210 \\456 &:= 1^6 + 2^2 + 2^5 + 19^1 + 20^2 = 16 + 22 + 25 + 191 + 202 \\456 &:= 1^6 + 2^5 + 11^2 + 13^1 + 17^2 = 16 + 25 + 112 + 131 + 172 \\456 &:= 1^7 + 2^4 + 8^2 + 14^1 + 19^2 = 17 + 24 + 82 + 141 + 192 \\456 &:= 1^8 + 3^3 + 3^3 + 17^0 + 20^2 = 18 + 33 + 33 + 170 + 202 \\456 &:= 1^8 + 3^4 + 7^2 + 15^0 + 18^2 = 18 + 34 + 72 + 150 + 182 \\456 &:= 1^8 + 3^5 + 11^0 + 14^2 + 15^1 = 18 + 35 + 110 + 142 + 151 \\456 &:= 1^8 + 5^2 + 5^3 + 16^1 + 17^2 = 18 + 52 + 53 + 161 + 172 \\456 &:= 1^8 + 5^2 + 6^3 + 14^2 + 18^1 = 18 + 52 + 63 + 142 + 181 \\456 &:= 1^8 + 5^2 + 7^3 + 8^2 + 23^1 = 18 + 52 + 73 + 82 + 231 \\456 &:= 1^8 + 5^3 + 11^2 + 13^1 + 14^2 = 18 + 53 + 112 + 131 + 142 \\456 &:= 1^9 + 2^1 + 4^4 + 14^2 + 23^0 = 19 + 21 + 44 + 142 + 230 \\456 &:= 1^9 + 2^2 + 6^2 + 15^1 + 20^2 = 19 + 22 + 62 + 151 + 202 \\456 &:= 1^9 + 3^4 + 9^0 + 12^1 + 19^2 = 19 + 34 + 90 + 121 + 192 \\456 &:= 1^9 + 4^2 + 5^2 + 14^1 + 20^2 = 19 + 42 + 52 + 141 + 202 \\456 &:= 1^9 + 5^2 + 9^1 + 14^2 + 15^2 = 19 + 52 + 91 + 142 + 152 \\456 &:= 1^9 + 6^2 + 9^1 + 11^2 + 17^2 = 19 + 62 + 91 + 112 + 172 \\456 &:= 1^9 + 6^3 + 6^3 + 9^0 + 22^1 = 19 + 63 + 63 + 90 + 221 \\456 &:= 2^0 + 2^2 + 11^0 + 15^2 + 15^2 = 20 + 22 + 110 + 152 + 152 \\456 &:= 2^0 + 2^2 + 3^2 + 17^0 + 21^2 = 20 + 22 + 32 + 170 + 212 \\456 &:= 2^0 + 2^3 + 5^1 + 15^0 + 21^2 = 20 + 23 + 51 + 150 + 212 \\456 &:= 2^0 + 3^2 + 11^0 + 11^2 + 18^2 = 20 + 32 + 110 + 112 + 182 \\456 &:= 2^0 + 5^1 + 5^3 + 15^0 + 18^2 = 20 + 51 + 53 + 150 + 182 \\456 &:= 2^0 + 6^3 + 9^0 + 13^1 + 15^2 = 20 + 63 + 90 + 131 + 152 \\456 &:= 2^0 + 7^2 + 9^0 + 9^2 + 18^2 = 20 + 72 + 90 + 92 + 182 \\456 &:= 2^0 + 7^3 + 10^2 + 11^1 + 15^0 = 20 + 73 + 102 + 111 + 150 \\456 &:= 2^1 + 2^2 + 8^1 + 12^0 + 21^2 = 21 + 22 + 81 + 120 + 212 \\456 &:= 2^1 + 3^1 + 10^0 + 15^2 + 15^2 = 21 + 31 + 100 + 152 + 152 \\456 &:= 2^1 + 3^1 + 3^2 + 16^0 + 21^2 = 21 + 31 + 32 + 160 + 212 \\456 &:= 2^1 + 4^0 + 9^2 + 11^1 + 19^2 = 21 + 40 + 92 + 111 + 192 \\456 &:= 2^1 + 4^1 + 7^2 + 12^0 + 20^2 = 21 + 41 + 72 + 120 + 202 \\456 &:= 2^1 + 6^0 + 8^1 + 11^2 + 18^2 = 21 + 60 + 81 + 112 + 182 \\456 &:= 2^2 + 2^8 + 3^3 + 12^2 + 25^1 = 22 + 28 + 33 + 122 + 251 \\456 &:= 2^2 + 3^0 + 10^0 + 15^2 + 15^2 = 22 + 30 + 100 + 152 + 152 \\456 &:= 2^2 + 3^0 + 3^2 + 16^0 + 21^2 = 22 + 30 + 32 + 160 + 212 \\456 &:= 2^2 + 3^1 + 7^1 + 12^0 + 21^2 = 22 + 31 + 71 + 120 + 212\end{aligned}$$

$$\begin{aligned}
 456 &:= 2^2 + 3^2 + 4^0 + 15^0 + 21^2 = 22 + 32 + 40 + 150 + 212 \\
 456 &:= 2^2 + 3^2 + 5^0 + 14^0 + 21^2 = 22 + 32 + 50 + 140 + 212 \\
 456 &:= 2^2 + 3^2 + 6^0 + 13^0 + 21^2 = 22 + 32 + 60 + 130 + 212 \\
 456 &:= 2^2 + 3^2 + 7^0 + 12^0 + 21^2 = 22 + 32 + 70 + 120 + 212 \\
 456 &:= 2^2 + 3^2 + 8^0 + 11^0 + 21^2 = 22 + 32 + 80 + 110 + 212 \\
 456 &:= 2^2 + 3^2 + 9^0 + 10^0 + 21^2 = 22 + 32 + 90 + 100 + 212 \\
 456 &:= 2^2 + 4^0 + 9^0 + 15^2 + 15^2 = 22 + 40 + 90 + 152 + 152 \\
 456 &:= 2^2 + 4^1 + 6^1 + 12^0 + 21^2 = 22 + 41 + 61 + 120 + 212 \\
 456 &:= 2^2 + 5^0 + 8^0 + 15^2 + 15^2 = 22 + 50 + 80 + 152 + 152 \\
 456 &:= 2^2 + 5^1 + 5^1 + 12^0 + 21^2 = 22 + 51 + 51 + 120 + 212 \\
 456 &:= 2^2 + 6^0 + 7^0 + 15^2 + 15^2 = 22 + 60 + 70 + 152 + 152 \\
 456 &:= 2^3 + 2^8 + 5^2 + 12^2 + 23^1 = 23 + 28 + 52 + 122 + 231 \\
 456 &:= 2^3 + 2^8 + 7^2 + 11^2 + 22^1 = 23 + 28 + 72 + 112 + 221 \\
 456 &:= 2^3 + 3^0 + 5^1 + 14^0 + 21^2 = 23 + 30 + 51 + 140 + 212 \\
 456 &:= 2^3 + 4^0 + 5^1 + 13^0 + 21^2 = 23 + 40 + 51 + 130 + 212 \\
 456 &:= 2^3 + 5^0 + 5^1 + 12^0 + 21^2 = 23 + 50 + 51 + 120 + 212 \\
 456 &:= 2^3 + 5^1 + 6^0 + 11^0 + 21^2 = 23 + 51 + 60 + 110 + 212 \\
 456 &:= 2^3 + 5^1 + 7^0 + 10^0 + 21^2 = 23 + 51 + 70 + 100 + 212 \\
 456 &:= 2^3 + 5^1 + 8^0 + 9^0 + 21^2 = 23 + 51 + 80 + 90 + 212 \\
 456 &:= 2^4 + 2^7 + 10^2 + 14^2 + 16^1 = 24 + 27 + 102 + 142 + 161 \\
 456 &:= 2^5 + 2^6 + 11^2 + 14^1 + 15^2 = 25 + 26 + 112 + 141 + 152 \\
 456 &:= 2^5 + 2^8 + 5^0 + 12^2 + 23^1 = 25 + 28 + 50 + 122 + 231 \\
 456 &:= 2^6 + 2^7 + 7^1 + 16^2 + 17^0 = 26 + 27 + 71 + 162 + 170 \\
 456 &:= 2^6 + 3^3 + 3^5 + 11^2 + 25^0 = 26 + 33 + 35 + 112 + 250 \\
 456 &:= 2^6 + 3^5 + 5^2 + 10^2 + 24^1 = 26 + 35 + 52 + 102 + 241 \\
 456 &:= 2^7 + 3^4 + 5^3 + 11^2 + 23^0 = 27 + 34 + 53 + 112 + 230 \\
 456 &:= 2^7 + 3^5 + 4^3 + 15^0 + 20^1 = 27 + 35 + 43 + 150 + 201 \\
 456 &:= 2^8 + 4^3 + 7^2 + 8^2 + 23^1 = 28 + 43 + 72 + 82 + 231 \\
 456 &:= 3^0 + 3^2 + 10^0 + 11^2 + 18^2 = 30 + 32 + 100 + 112 + 182 \\
 456 &:= 3^0 + 5^1 + 5^3 + 14^0 + 18^2 = 30 + 51 + 53 + 140 + 182
 \end{aligned}$$

$$\begin{aligned}
 456 &:= 3^0 + 6^3 + 8^0 + 13^1 + 15^2 = 30 + 63 + 80 + 131 + 152 \\
 456 &:= 3^0 + 7^2 + 8^0 + 9^2 + 18^2 = 30 + 72 + 80 + 92 + 182 \\
 456 &:= 3^0 + 7^3 + 10^2 + 11^1 + 14^0 = 30 + 73 + 102 + 111 + 140 \\
 456 &:= 3^1 + 3^1 + 7^2 + 12^0 + 20^2 = 31 + 31 + 72 + 120 + 202 \\
 456 &:= 3^1 + 4^0 + 9^2 + 10^1 + 19^2 = 31 + 40 + 92 + 101 + 192 \\
 456 &:= 3^1 + 6^0 + 7^1 + 11^2 + 18^2 = 31 + 60 + 71 + 112 + 182 \\
 456 &:= 3^2 + 4^0 + 9^0 + 11^2 + 18^2 = 32 + 40 + 90 + 112 + 182 \\
 456 &:= 3^2 + 5^0 + 8^0 + 11^2 + 18^2 = 32 + 50 + 80 + 112 + 182 \\
 456 &:= 3^2 + 6^0 + 7^0 + 11^2 + 18^2 = 32 + 60 + 70 + 112 + 182 \\
 456 &:= 4^0 + 4^1 + 9^1 + 9^2 + 19^2 = 40 + 41 + 91 + 92 + 192 \\
 456 &:= 4^0 + 5^1 + 5^3 + 13^0 + 18^2 = 40 + 51 + 53 + 130 + 182 \\
 456 &:= 4^0 + 5^1 + 8^1 + 9^2 + 19^2 = 40 + 51 + 81 + 92 + 192 \\
 456 &:= 4^0 + 6^1 + 7^1 + 9^2 + 19^2 = 40 + 61 + 71 + 92 + 192 \\
 456 &:= 4^0 + 6^3 + 7^0 + 13^1 + 15^2 = 40 + 63 + 70 + 131 + 152 \\
 456 &:= 4^0 + 7^0 + 7^2 + 9^2 + 18^2 = 40 + 70 + 72 + 92 + 182 \\
 456 &:= 4^0 + 7^3 + 10^2 + 11^1 + 13^0 = 40 + 73 + 102 + 111 + 130 \\
 456 &:= 4^1 + 6^0 + 6^1 + 11^2 + 18^2 = 41 + 60 + 61 + 112 + 182 \\
 456 &:= 5^0 + 5^1 + 5^3 + 12^0 + 18^2 = 50 + 51 + 53 + 120 + 182 \\
 456 &:= 5^0 + 6^0 + 6^3 + 13^1 + 15^2 = 50 + 60 + 63 + 131 + 152 \\
 456 &:= 5^0 + 6^0 + 7^2 + 9^2 + 18^2 = 50 + 60 + 72 + 92 + 182 \\
 456 &:= 5^0 + 7^3 + 10^2 + 11^1 + 12^0 = 50 + 73 + 102 + 111 + 120 \\
 456 &:= 5^1 + 5^1 + 6^0 + 11^2 + 18^2 = 51 + 51 + 60 + 112 + 182 \\
 456 &:= 5^1 + 5^3 + 6^0 + 11^0 + 18^2 = 51 + 53 + 60 + 110 + 182 \\
 456 &:= 5^1 + 5^3 + 7^0 + 10^0 + 18^2 = 51 + 53 + 70 + 100 + 182 \\
 456 &:= 5^1 + 5^3 + 8^0 + 9^0 + 18^2 = 51 + 53 + 80 + 90 + 182 \\
 456 &:= 6^0 + 7^3 + 10^2 + 11^0 + 11^1 = 60 + 73 + 102 + 110 + 111 \\
 456 &:= 7^0 + 7^3 + 10^0 + 10^2 + 11^1 = 70 + 73 + 100 + 102 + 111 \\
 456 &:= 7^3 + 8^0 + 9^0 + 10^2 + 11^1 = 73 + 80 + 90 + 102 + 111
 \end{aligned}$$

2.2.358 Number 457

$$\begin{aligned}
 457 &:= 1^4 + 9^0 + 14^1 + 21^2 = 14 + 90 + 141 + 212 \\
 457 &:= 2^2 + 6^2 + 17^1 + 20^2 = 22 + 62 + 171 + 202 \\
 457 &:= 3^4 + 9^0 + 14^1 + 19^2 = 34 + 90 + 141 + 192 \\
 457 &:= 4^1 + 4^4 + 14^2 + 23^0 = 41 + 44 + 142 + 230 \\
 457 &:= 4^2 + 5^2 + 16^1 + 20^2 = 42 + 52 + 161 + 202 \\
 457 &:= 4^3 + 13^0 + 14^2 + 14^2 = 43 + 130 + 142 + 142
 \end{aligned}$$

$$\begin{aligned}
 457 &:= 5^2 + 11^1 + 14^2 + 15^2 = 52 + 111 + 142 + 152 \\
 457 &:= 6^2 + 11^1 + 11^2 + 17^2 = 62 + 111 + 112 + 172 \\
 457 &:= 6^3 + 6^3 + 9^0 + 24^1 = 63 + 63 + 90 + 241 \\
 457 &:= 7^2 + 7^3 + 8^2 + 23^0 = 72 + 73 + 82 + 230 \\
 457 &:= 6^3 + 7^1 + 8^1 + 9^0 + 15^2 = 63 + 71 + 81 + 90 + 152 \\
 457 &:= 6^1 + 7^1 + 7^3 + 10^2 + 15^0 = 61 + 71 + 73 + 102 + 150
 \end{aligned}$$

$$\begin{aligned} 457 &:= 6^1 + 6^3 + 9^0 + 9^1 + 15^2 = 61 + 63 + 90 + 91 + 152 \\ 457 &:= 5^2 + 6^1 + 7^0 + 8^2 + 19^2 = 52 + 61 + 70 + 82 + 192 \\ 457 &:= 5^2 + 5^2 + 6^1 + 9^0 + 20^2 = 52 + 52 + 61 + 90 + 202 \\ 457 &:= 5^1 + 7^3 + 8^1 + 10^2 + 15^0 = 51 + 73 + 81 + 102 + 150 \\ 457 &:= 5^1 + 6^3 + 9^0 + 10^1 + 15^2 = 51 + 63 + 90 + 101 + 152 \\ 457 &:= 5^0 + 5^2 + 7^1 + 10^2 + 18^2 = 50 + 52 + 71 + 102 + 182 \\ 457 &:= 5^0 + 5^2 + 6^1 + 13^2 + 16^2 = 50 + 52 + 61 + 132 + 162 \\ 457 &:= 5^0 + 5^1 + 9^2 + 9^2 + 17^2 = 50 + 51 + 92 + 92 + 172 \\ 457 &:= 5^0 + 5^0 + 6^3 + 6^3 + 23^1 = 50 + 50 + 63 + 63 + 231 \\ 457 &:= 4^2 + 5^0 + 7^1 + 12^2 + 17^2 = 42 + 50 + 71 + 122 + 172 \\ 457 &:= 4^1 + 7^3 + 9^1 + 10^2 + 15^0 = 41 + 73 + 91 + 102 + 150 \\ 457 &:= 4^1 + 7^0 + 8^2 + 8^2 + 18^2 = 41 + 70 + 82 + 82 + 182 \\ 457 &:= 4^1 + 6^3 + 9^0 + 11^1 + 15^2 = 41 + 63 + 90 + 111 + 152 \\ 457 &:= 4^1 + 4^2 + 6^2 + 11^0 + 20^2 = 41 + 42 + 62 + 110 + 202 \\ 457 &:= 4^0 + 6^0 + 6^3 + 6^3 + 23^1 = 40 + 60 + 63 + 63 + 231 \\ 457 &:= 3^4 + 5^0 + 5^0 + 13^1 + 19^2 = 34 + 50 + 50 + 131 + 192 \\ 457 &:= 3^4 + 4^0 + 6^0 + 13^1 + 19^2 = 34 + 40 + 60 + 131 + 192 \\ 457 &:= 3^2 + 5^1 + 9^0 + 9^2 + 19^2 = 32 + 51 + 90 + 92 + 192 \\ 457 &:= 3^2 + 5^0 + 6^2 + 11^1 + 20^2 = 32 + 50 + 62 + 111 + 202 \\ 457 &:= 3^1 + 7^3 + 10^1 + 10^2 + 15^0 = 31 + 73 + 101 + 102 + 150 \\ 457 &:= 3^1 + 7^0 + 8^2 + 10^2 + 17^2 = 31 + 70 + 82 + 102 + 172 \\ 457 &:= 3^1 + 6^3 + 9^0 + 12^1 + 15^2 = 31 + 63 + 90 + 121 + 152 \\ 457 &:= 3^1 + 4^4 + 9^0 + 14^2 + 15^0 = 31 + 44 + 90 + 142 + 150 \\ 457 &:= 3^1 + 4^4 + 8^0 + 14^2 + 16^0 = 31 + 44 + 80 + 142 + 160 \\ 457 &:= 3^1 + 4^4 + 7^0 + 14^2 + 17^0 = 31 + 44 + 70 + 142 + 170 \\ 457 &:= 3^1 + 4^4 + 6^0 + 14^2 + 18^0 = 31 + 44 + 60 + 142 + 180 \\ 457 &:= 3^1 + 4^4 + 5^0 + 14^2 + 19^0 = 31 + 44 + 50 + 142 + 190 \\ 457 &:= 3^1 + 4^4 + 12^0 + 12^0 + 14^2 = 31 + 44 + 120 + 120 + 142 \\ 457 &:= 3^1 + 4^4 + 11^0 + 13^0 + 14^2 = 31 + 44 + 110 + 130 + 142 \\ 457 &:= 3^1 + 4^4 + 10^0 + 14^0 + 14^2 = 31 + 44 + 100 + 140 + 142 \\ 457 &:= 3^1 + 4^1 + 5^3 + 15^0 + 18^2 = 31 + 41 + 53 + 150 + 182 \\ 457 &:= 3^1 + 4^0 + 4^4 + 14^2 + 20^0 = 31 + 40 + 44 + 142 + 200 \\ 457 &:= 3^0 + 7^1 + 7^2 + 12^2 + 16^2 = 30 + 71 + 72 + 122 + 162 \\ 457 &:= 3^0 + 6^3 + 6^3 + 7^0 + 23^1 = 30 + 63 + 63 + 70 + 231 \\ 457 &:= 3^0 + 6^2 + 7^2 + 10^1 + 19^2 = 30 + 62 + 72 + 101 + 192 \\ 457 &:= 3^0 + 6^1 + 9^2 + 12^2 + 15^2 = 30 + 61 + 92 + 122 + 152 \\ 457 &:= 3^0 + 3^4 + 7^0 + 13^1 + 19^2 = 30 + 34 + 70 + 131 + 192 \\ 457 &:= 3^0 + 3^1 + 4^4 + 14^2 + 21^0 = 30 + 31 + 44 + 142 + 210 \end{aligned}$$

$$\begin{aligned} 457 &:= 2^7 + 2^7 + 4^1 + 14^2 + 22^0 = 27 + 27 + 41 + 142 + 220 \\ 457 &:= 2^6 + 2^8 + 11^2 + 14^0 + 15^1 = 26 + 28 + 112 + 140 + 151 \\ 457 &:= 2^3 + 3^1 + 4^1 + 15^0 + 21^2 = 23 + 31 + 41 + 150 + 212 \\ 457 &:= 2^2 + 7^0 + 7^1 + 11^2 + 18^2 = 22 + 70 + 71 + 112 + 182 \\ 457 &:= 2^2 + 5^0 + 9^2 + 10^1 + 19^2 = 22 + 50 + 92 + 101 + 192 \\ 457 &:= 2^2 + 3^1 + 7^2 + 13^0 + 20^2 = 22 + 31 + 72 + 130 + 202 \\ 457 &:= 2^2 + 2^2 + 7^1 + 13^0 + 21^2 = 22 + 22 + 71 + 130 + 212 \\ 457 &:= 2^1 + 7^3 + 10^2 + 11^1 + 15^0 = 21 + 73 + 102 + 111 + 150 \\ 457 &:= 2^1 + 7^2 + 9^0 + 9^2 + 18^2 = 21 + 72 + 90 + 92 + 182 \\ 457 &:= 2^1 + 6^3 + 9^0 + 13^1 + 15^2 = 21 + 63 + 90 + 131 + 152 \\ 457 &:= 2^1 + 5^1 + 5^3 + 15^0 + 18^2 = 21 + 51 + 53 + 150 + 182 \\ 457 &:= 2^1 + 3^2 + 11^0 + 11^2 + 18^2 = 21 + 32 + 110 + 112 + 182 \\ 457 &:= 2^1 + 2^3 + 5^1 + 15^0 + 21^2 = 21 + 23 + 51 + 150 + 212 \\ 457 &:= 2^1 + 2^2 + 3^2 + 17^0 + 21^2 = 21 + 22 + 32 + 170 + 212 \\ 457 &:= 2^1 + 2^2 + 11^0 + 15^2 + 15^2 = 21 + 22 + 110 + 152 + 152 \\ 457 &:= 2^0 + 6^3 + 6^3 + 8^0 + 23^1 = 20 + 63 + 63 + 80 + 231 \\ 457 &:= 2^0 + 3^4 + 8^0 + 13^1 + 19^2 = 20 + 34 + 80 + 131 + 192 \\ 457 &:= 2^0 + 3^1 + 4^4 + 14^2 + 22^0 = 20 + 31 + 44 + 142 + 220 \\ 457 &:= 1^9 + 3^5 + 10^0 + 14^2 + 16^1 = 19 + 35 + 100 + 142 + 161 \\ 457 &:= 1^8 + 3^5 + 4^2 + 14^2 + 22^0 = 18 + 35 + 42 + 142 + 220 \\ 457 &:= 1^7 + 2^7 + 3^1 + 18^2 + 20^0 = 17 + 27 + 31 + 182 + 200 \\ 457 &:= 1^7 + 1^7 + 8^0 + 13^1 + 21^2 = 17 + 17 + 80 + 131 + 212 \\ 457 &:= 1^6 + 2^8 + 3^1 + 14^2 + 24^0 = 16 + 28 + 31 + 142 + 240 \\ 457 &:= 1^6 + 2^4 + 3^5 + 14^2 + 24^0 = 16 + 24 + 35 + 142 + 240 \\ 457 &:= 1^6 + 1^8 + 8^0 + 13^1 + 21^2 = 16 + 18 + 80 + 131 + 212 \\ 457 &:= 1^5 + 1^9 + 8^0 + 13^1 + 21^2 = 15 + 19 + 80 + 131 + 212 \\ 457 &:= 1^4 + 5^0 + 5^0 + 13^1 + 21^2 = 14 + 50 + 50 + 131 + 212 \\ 457 &:= 1^4 + 4^0 + 6^0 + 13^1 + 21^2 = 14 + 40 + 60 + 131 + 212 \\ 457 &:= 1^4 + 3^0 + 7^0 + 13^1 + 21^2 = 14 + 30 + 70 + 131 + 212 \\ 457 &:= 1^4 + 2^0 + 8^0 + 13^1 + 21^2 = 14 + 20 + 80 + 131 + 212 \\ 457 &:= 1^3 + 7^1 + 7^1 + 9^0 + 21^2 = 13 + 71 + 71 + 90 + 212 \\ 457 &:= 1^3 + 6^1 + 8^1 + 9^0 + 21^2 = 13 + 61 + 81 + 90 + 212 \\ 457 &:= 1^3 + 5^1 + 9^0 + 9^1 + 21^2 = 13 + 51 + 90 + 91 + 212 \\ 457 &:= 1^3 + 4^1 + 9^0 + 10^1 + 21^2 = 13 + 41 + 90 + 101 + 212 \\ 457 &:= 1^3 + 3^1 + 9^0 + 11^1 + 21^2 = 13 + 31 + 90 + 111 + 212 \\ 457 &:= 1^3 + 2^1 + 9^0 + 12^1 + 21^2 = 13 + 21 + 90 + 121 + 212 \\ 457 &:= 1^2 + 6^1 + 7^2 + 11^0 + 20^2 = 12 + 61 + 72 + 110 + 202 \\ 457 &:= 1^2 + 5^1 + 9^0 + 15^2 + 15^2 = 12 + 51 + 90 + 152 + 152 \end{aligned}$$

$$\begin{aligned}
 457 &:= 1^2 + 5^0 + 10^1 + 11^2 + 18^2 = 12 + 50 + 101 + 112 + 182 \\
 457 &:= 1^2 + 3^2 + 5^1 + 15^0 + 21^2 = 12 + 32 + 51 + 150 + 212 \\
 457 &:= 1^2 + 3^1 + 11^0 + 14^2 + 16^2 = 12 + 31 + 110 + 142 + 162 \\
 457 &:= 1^2 + 3^0 + 9^2 + 13^1 + 19^2 = 12 + 30 + 92 + 131 + 192 \\
 457 &:= 1^2 + 2^2 + 10^1 + 11^0 + 21^2 = 12 + 22 + 101 + 110 + 212 \\
 457 &:= 1^2 + 1^2 + 9^0 + 13^1 + 21^2 = 12 + 12 + 90 + 131 + 212 \\
 457 &:= 1^1 + 7^3 + 10^2 + 12^1 + 15^0 = 11 + 73 + 102 + 121 + 150 \\
 457 &:= 1^1 + 6^3 + 9^0 + 14^1 + 15^2 = 11 + 63 + 90 + 141 + 152 \\
 457 &:= 1^1 + 5^3 + 6^1 + 15^0 + 18^2 = 11 + 53 + 61 + 150 + 182 \\
 457 &:= 1^1 + 2^3 + 6^1 + 15^0 + 21^2 = 11 + 23 + 61 + 150 + 212
 \end{aligned}$$

$$\begin{aligned}
 457 &:= 1^1 + 1^3 + 9^0 + 13^1 + 21^2 = 11 + 13 + 90 + 131 + 212 \\
 457 &:= 1^0 + 6^3 + 6^3 + 9^0 + 23^1 = 10 + 63 + 63 + 90 + 231 \\
 457 &:= 1^0 + 6^2 + 10^1 + 11^2 + 17^2 = 10 + 62 + 101 + 112 + 172 \\
 457 &:= 1^0 + 5^2 + 10^1 + 14^2 + 15^2 = 10 + 52 + 101 + 142 + 152 \\
 457 &:= 1^0 + 4^2 + 5^2 + 15^1 + 20^2 = 10 + 42 + 52 + 151 + 202 \\
 457 &:= 1^0 + 3^4 + 9^0 + 13^1 + 19^2 = 10 + 34 + 90 + 131 + 192 \\
 457 &:= 1^0 + 3^1 + 4^4 + 14^2 + 23^0 = 10 + 31 + 44 + 142 + 230 \\
 457 &:= 1^0 + 2^2 + 6^2 + 16^1 + 20^2 = 10 + 22 + 62 + 161 + 202 \\
 457 &:= 1^0 + 1^4 + 9^0 + 13^1 + 21^2 = 10 + 14 + 90 + 131 + 212
 \end{aligned}$$

2.2.359 Number 458

$$\begin{aligned}
 458 &:= 1^5 + 8^0 + 15^1 + 21^2 = 15 + 80 + 151 + 212 \\
 458 &:= 2^0 + 3^4 + 7^3 + 33^1 = 20 + 34 + 73 + 331 \\
 458 &:= 2^3 + 2^3 + 20^0 + 21^2 = 23 + 23 + 200 + 212 \\
 458 &:= 2^3 + 5^3 + 18^2 + 20^0 = 23 + 53 + 182 + 200 \\
 458 &:= 3^5 + 10^0 + 14^2 + 18^1 = 35 + 100 + 142 + 181 \\
 458 &:= 5^2 + 6^3 + 6^3 + 28^0 = 52 + 63 + 63 + 280 \\
 458 &:= 1^0 + 1^5 + 8^0 + 14^1 + 21^2 = 10 + 15 + 80 + 141 + 212 \\
 458 &:= 1^0 + 2^2 + 4^4 + 14^2 + 24^0 = 10 + 22 + 44 + 142 + 240 \\
 458 &:= 1^0 + 3^5 + 10^0 + 14^2 + 17^1 = 10 + 35 + 100 + 142 + 171 \\
 458 &:= 1^0 + 4^3 + 7^2 + 7^3 + 26^0 = 10 + 43 + 72 + 73 + 260 \\
 458 &:= 1^0 + 4^4 + 10^2 + 10^2 + 20^0 = 10 + 44 + 102 + 102 + 200 \\
 458 &:= 1^1 + 1^4 + 8^0 + 14^1 + 21^2 = 11 + 14 + 80 + 141 + 212 \\
 458 &:= 1^1 + 3^4 + 8^0 + 14^1 + 19^2 = 11 + 34 + 80 + 141 + 192 \\
 458 &:= 1^1 + 4^1 + 4^4 + 14^2 + 22^0 = 11 + 41 + 44 + 142 + 220 \\
 458 &:= 1^1 + 4^3 + 12^0 + 14^2 + 14^2 = 11 + 43 + 120 + 142 + 142 \\
 458 &:= 1^1 + 6^3 + 6^3 + 8^0 + 24^1 = 11 + 63 + 63 + 80 + 241 \\
 458 &:= 1^1 + 7^2 + 7^3 + 8^2 + 22^0 = 11 + 72 + 73 + 82 + 220 \\
 458 &:= 1^2 + 1^3 + 8^0 + 14^1 + 21^2 = 12 + 13 + 80 + 141 + 212 \\
 458 &:= 1^2 + 2^2 + 12^0 + 14^2 + 16^2 = 12 + 22 + 120 + 142 + 162 \\
 458 &:= 1^2 + 2^3 + 7^1 + 14^0 + 21^2 = 12 + 23 + 71 + 140 + 212 \\
 458 &:= 1^2 + 5^3 + 7^1 + 14^0 + 18^2 = 12 + 53 + 71 + 140 + 182 \\
 458 &:= 1^2 + 6^3 + 8^0 + 15^1 + 15^2 = 12 + 63 + 80 + 151 + 152 \\
 458 &:= 1^2 + 7^3 + 10^2 + 13^1 + 14^0 = 12 + 73 + 102 + 131 + 140 \\
 458 &:= 1^2 + 8^0 + 10^2 + 10^2 + 16^2 = 12 + 80 + 102 + 102 + 162 \\
 458 &:= 1^2 + 8^0 + 8^2 + 14^2 + 14^2 = 12 + 80 + 82 + 142 + 142
 \end{aligned}$$

$$\begin{aligned}
 458 &:= 1^3 + 2^0 + 9^2 + 14^1 + 19^2 = 13 + 20 + 92 + 141 + 192 \\
 458 &:= 1^3 + 2^2 + 10^0 + 11^1 + 21^2 = 13 + 22 + 100 + 111 + 212 \\
 458 &:= 1^3 + 3^2 + 6^1 + 14^0 + 21^2 = 13 + 32 + 61 + 140 + 212 \\
 458 &:= 1^3 + 4^0 + 11^1 + 11^2 + 18^2 = 13 + 40 + 111 + 112 + 182 \\
 458 &:= 1^3 + 4^1 + 10^0 + 14^2 + 16^2 = 13 + 41 + 100 + 142 + 162 \\
 458 &:= 1^3 + 6^1 + 8^0 + 15^2 + 15^2 = 13 + 61 + 80 + 152 + 152 \\
 458 &:= 1^3 + 7^1 + 7^2 + 10^0 + 20^2 = 13 + 71 + 72 + 100 + 202 \\
 458 &:= 1^4 + 1^9 + 9^2 + 14^1 + 19^2 = 14 + 19 + 92 + 141 + 192 \\
 458 &:= 1^4 + 2^1 + 8^0 + 13^1 + 21^2 = 14 + 21 + 80 + 131 + 212 \\
 458 &:= 1^4 + 2^7 + 3^4 + 15^2 + 23^1 = 14 + 27 + 34 + 152 + 231 \\
 458 &:= 1^4 + 3^1 + 8^0 + 12^1 + 21^2 = 14 + 31 + 80 + 121 + 212 \\
 458 &:= 1^4 + 4^1 + 8^0 + 11^1 + 21^2 = 14 + 41 + 80 + 111 + 212 \\
 458 &:= 1^4 + 5^1 + 8^0 + 10^1 + 21^2 = 14 + 51 + 80 + 101 + 212 \\
 458 &:= 1^4 + 6^1 + 8^0 + 9^1 + 21^2 = 14 + 61 + 80 + 91 + 212 \\
 458 &:= 1^4 + 7^1 + 8^0 + 8^1 + 21^2 = 14 + 71 + 80 + 81 + 212 \\
 458 &:= 1^5 + 1^8 + 9^2 + 14^1 + 19^2 = 15 + 18 + 92 + 141 + 192 \\
 458 &:= 1^5 + 2^0 + 7^0 + 14^1 + 21^2 = 15 + 20 + 70 + 141 + 212 \\
 458 &:= 1^5 + 3^0 + 6^0 + 14^1 + 21^2 = 15 + 30 + 60 + 141 + 212 \\
 458 &:= 1^5 + 4^0 + 5^0 + 14^1 + 21^2 = 15 + 40 + 50 + 141 + 212 \\
 458 &:= 1^6 + 1^7 + 9^2 + 14^1 + 19^2 = 16 + 17 + 92 + 141 + 192 \\
 458 &:= 1^6 + 1^9 + 7^0 + 14^1 + 21^2 = 16 + 19 + 70 + 141 + 212 \\
 458 &:= 1^6 + 2^2 + 2^8 + 14^2 + 25^0 = 16 + 22 + 28 + 142 + 250 \\
 458 &:= 1^6 + 2^5 + 3^4 + 18^2 + 20^1 = 16 + 25 + 34 + 182 + 201 \\
 458 &:= 1^6 + 2^5 + 4^4 + 12^2 + 25^1 = 16 + 25 + 44 + 122 + 251 \\
 458 &:= 1^6 + 2^7 + 12^2 + 13^2 + 16^1 = 16 + 27 + 122 + 132 + 161
 \end{aligned}$$

$458 := 1^6 + 2^8 + 10^2 + 10^2 + 21^0 = 16 + 28 + 102 + 102 + 210$	$458 := 2^1 + 3^4 + 8^0 + 13^1 + 19^2 = 21 + 34 + 80 + 131 + 192$
$458 := 1^7 + 1^8 + 7^0 + 14^1 + 21^2 = 17 + 18 + 70 + 141 + 212$	$458 := 2^1 + 6^3 + 6^3 + 8^0 + 23^1 = 21 + 63 + 63 + 80 + 231$
$458 := 1^7 + 2^2 + 2^7 + 18^2 + 21^0 = 17 + 22 + 27 + 182 + 210$	$458 := 2^2 + 2^2 + 7^2 + 14^0 + 20^2 = 22 + 22 + 72 + 140 + 202$
$458 := 1^7 + 2^6 + 7^2 + 7^3 + 27^0 = 17 + 26 + 72 + 73 + 270$	$458 := 2^2 + 2^3 + 4^1 + 16^0 + 21^2 = 22 + 23 + 41 + 160 + 212$
$458 := 1^7 + 2^8 + 4^1 + 14^2 + 23^0 = 17 + 28 + 41 + 142 + 230$	$458 := 2^2 + 3^0 + 4^4 + 14^2 + 22^0 = 22 + 30 + 44 + 142 + 220$
$458 := 1^8 + 2^3 + 4^4 + 13^2 + 24^1 = 18 + 23 + 44 + 132 + 241$	$458 := 2^2 + 4^0 + 4^4 + 14^2 + 21^0 = 22 + 40 + 44 + 142 + 210$
$458 := 1^8 + 2^5 + 7^2 + 15^1 + 19^2 = 18 + 25 + 72 + 151 + 192$	$458 := 2^2 + 4^1 + 5^3 + 16^0 + 18^2 = 22 + 41 + 53 + 160 + 182$
$458 := 1^8 + 2^5 + 7^3 + 9^2 + 25^0 = 18 + 25 + 73 + 92 + 250$	$458 := 2^2 + 4^4 + 10^0 + 14^2 + 15^0 = 22 + 44 + 100 + 142 + 150$
$458 := 1^8 + 2^6 + 13^0 + 14^2 + 14^2 = 18 + 26 + 130 + 142 + 142$	$458 := 2^2 + 4^4 + 11^0 + 14^0 + 14^2 = 22 + 44 + 110 + 140 + 142$
$458 := 1^8 + 2^7 + 4^1 + 18^2 + 19^0 = 18 + 27 + 41 + 182 + 190$	$458 := 2^2 + 4^4 + 12^0 + 13^0 + 14^2 = 22 + 44 + 120 + 130 + 142$
$458 := 1^8 + 3^5 + 7^2 + 12^2 + 21^1 = 18 + 35 + 72 + 122 + 211$	$458 := 2^2 + 4^4 + 5^0 + 14^2 + 20^0 = 22 + 44 + 50 + 142 + 200$
$458 := 1^8 + 4^4 + 5^3 + 7^2 + 27^1 = 18 + 44 + 53 + 72 + 271$	$458 := 2^2 + 4^4 + 6^0 + 14^2 + 19^0 = 22 + 44 + 60 + 142 + 190$
$458 := 1^9 + 2^3 + 7^3 + 9^2 + 25^1 = 19 + 23 + 73 + 92 + 251$	$458 := 2^2 + 4^4 + 7^0 + 14^2 + 18^0 = 22 + 44 + 70 + 142 + 180$
$458 := 1^9 + 2^4 + 5^2 + 16^1 + 20^2 = 19 + 24 + 52 + 161 + 202$	$458 := 2^2 + 4^4 + 8^0 + 14^2 + 17^0 = 22 + 44 + 80 + 142 + 170$
$458 := 1^9 + 2^5 + 10^2 + 13^0 + 18^2 = 19 + 25 + 102 + 130 + 182$	$458 := 2^2 + 4^4 + 9^0 + 14^2 + 16^0 = 22 + 44 + 90 + 142 + 160$
$458 := 1^9 + 3^2 + 4^4 + 13^2 + 23^1 = 19 + 32 + 44 + 132 + 231$	$458 := 2^2 + 6^3 + 10^0 + 12^1 + 15^2 = 22 + 63 + 100 + 121 + 152$
$458 := 1^9 + 3^4 + 6^1 + 7^3 + 27^1 = 19 + 34 + 61 + 73 + 271$	$458 := 2^2 + 7^3 + 10^1 + 10^2 + 16^0 = 22 + 73 + 101 + 102 + 160$
$458 := 1^9 + 3^4 + 6^2 + 16^1 + 18^2 = 19 + 34 + 62 + 161 + 182$	$458 := 2^2 + 8^0 + 8^2 + 10^2 + 17^2 = 22 + 80 + 82 + 102 + 172$
$458 := 1^9 + 3^4 + 7^1 + 7^3 + 26^1 = 19 + 34 + 71 + 73 + 261$	$458 := 2^3 + 4^0 + 6^2 + 13^1 + 20^2 = 23 + 40 + 62 + 131 + 202$
$458 := 1^9 + 3^4 + 7^3 + 10^1 + 23^1 = 19 + 34 + 73 + 101 + 231$	$458 := 2^3 + 4^1 + 10^0 + 11^2 + 18^2 = 23 + 41 + 100 + 112 + 182$
$458 := 1^9 + 3^4 + 7^3 + 11^1 + 22^1 = 19 + 34 + 73 + 111 + 221$	$458 := 2^3 + 7^1 + 8^0 + 9^2 + 19^2 = 23 + 71 + 80 + 92 + 192$
$458 := 1^9 + 3^4 + 7^3 + 12^1 + 21^1 = 19 + 34 + 73 + 121 + 211$	$458 := 2^4 + 2^4 + 2^8 + 13^2 + 25^0 = 24 + 24 + 28 + 132 + 250$
$458 := 1^9 + 3^4 + 7^3 + 13^1 + 20^1 = 19 + 34 + 73 + 131 + 201$	$458 := 2^5 + 2^8 + 5^2 + 11^2 + 24^1 = 25 + 28 + 52 + 112 + 241$
$458 := 1^9 + 3^4 + 7^3 + 14^1 + 19^1 = 19 + 34 + 73 + 141 + 191$	$458 := 2^6 + 2^7 + 4^4 + 9^1 + 27^0 = 26 + 27 + 44 + 91 + 270$
$458 := 1^9 + 3^4 + 7^3 + 15^1 + 18^1 = 19 + 34 + 73 + 151 + 181$	$458 := 2^6 + 2^7 + 6^3 + 7^2 + 27^0 = 26 + 27 + 63 + 72 + 270$
$458 := 1^9 + 3^4 + 7^3 + 16^1 + 17^1 = 19 + 34 + 73 + 161 + 171$	$458 := 2^6 + 2^8 + 4^2 + 11^2 + 25^0 = 26 + 28 + 42 + 112 + 250$
$458 := 1^9 + 3^4 + 7^3 + 8^1 + 25^1 = 19 + 34 + 73 + 81 + 251$	$458 := 2^6 + 2^8 + 5^3 + 12^1 + 23^0 = 26 + 28 + 53 + 121 + 230$
$458 := 1^9 + 3^4 + 7^3 + 9^1 + 24^1 = 19 + 34 + 73 + 91 + 241$	$458 := 2^7 + 2^8 + 7^2 + 9^0 + 24^1 = 27 + 28 + 72 + 90 + 241$
$458 := 1^9 + 4^4 + 6^2 + 12^2 + 21^1 = 19 + 44 + 62 + 122 + 211$	$458 := 2^7 + 2^8 + 8^2 + 9^1 + 23^0 = 27 + 28 + 82 + 91 + 230$
$458 := 1^9 + 4^4 + 9^2 + 10^2 + 20^1 = 19 + 44 + 92 + 102 + 201$	$458 := 2^7 + 3^4 + 3^4 + 12^2 + 24^1 = 27 + 34 + 34 + 122 + 241$
$458 := 2^0 + 2^2 + 4^4 + 14^2 + 23^0 = 20 + 22 + 44 + 142 + 230$	$458 := 3^0 + 3^5 + 8^0 + 14^2 + 17^1 = 30 + 35 + 80 + 142 + 171$
$458 := 2^0 + 3^2 + 7^3 + 9^2 + 24^1 = 20 + 32 + 73 + 92 + 241$	$458 := 3^0 + 4^3 + 7^2 + 7^3 + 24^0 = 30 + 43 + 72 + 73 + 240$
$458 := 2^0 + 3^5 + 9^0 + 14^2 + 17^1 = 20 + 35 + 90 + 142 + 171$	$458 := 3^0 + 4^4 + 10^2 + 10^2 + 18^0 = 30 + 44 + 102 + 102 + 180$
$458 := 2^0 + 4^2 + 4^3 + 16^1 + 19^2 = 20 + 42 + 43 + 161 + 192$	$458 := 3^1 + 3^4 + 8^0 + 12^1 + 19^2 = 31 + 34 + 80 + 121 + 192$
$458 := 2^0 + 4^3 + 7^2 + 7^3 + 25^0 = 20 + 43 + 72 + 73 + 250$	$458 := 3^1 + 6^3 + 6^3 + 8^0 + 22^1 = 31 + 63 + 63 + 80 + 221$
$458 := 2^0 + 4^4 + 10^2 + 10^2 + 19^0 = 20 + 44 + 102 + 102 + 190$	$458 := 3^2 + 5^1 + 7^3 + 10^2 + 20^0 = 32 + 51 + 73 + 102 + 200$
$458 := 2^0 + 6^3 + 9^2 + 12^2 + 16^1 = 20 + 63 + 92 + 122 + 161$	$458 := 3^2 + 6^3 + 7^1 + 14^0 + 15^2 = 32 + 63 + 71 + 140 + 152$
$458 := 2^1 + 3^1 + 4^4 + 14^2 + 22^0 = 21 + 31 + 44 + 142 + 220$	$458 := 3^3 + 4^0 + 4^2 + 14^1 + 20^2 = 33 + 40 + 42 + 141 + 202$

$458 := 3^3 + 4^0 + 9^1 + 14^2 + 15^2$	$= 33 + 40 + 91 + 142 + 152$	$458 := 4^3 + 7^0 + 7^2 + 7^3 + 20^0$	$= 43 + 70 + 72 + 73 + 200$
$458 := 3^3 + 5^1 + 5^2 + 12^0 + 20^2$	$= 33 + 51 + 52 + 120 + 202$	$458 := 4^3 + 7^2 + 7^3 + 10^0 + 17^0$	$= 43 + 72 + 73 + 100 + 170$
$458 := 3^3 + 5^1 + 8^0 + 13^2 + 16^2$	$= 33 + 51 + 80 + 132 + 162$	$458 := 4^3 + 7^2 + 7^3 + 11^0 + 16^0$	$= 43 + 72 + 73 + 110 + 160$
$458 := 3^3 + 5^1 + 8^2 + 10^0 + 19^2$	$= 33 + 51 + 82 + 100 + 192$	$458 := 4^3 + 7^2 + 7^3 + 12^0 + 15^0$	$= 43 + 72 + 73 + 120 + 150$
$458 := 3^3 + 6^1 + 8^0 + 10^2 + 18^2$	$= 33 + 61 + 80 + 102 + 182$	$458 := 4^3 + 7^2 + 7^3 + 13^0 + 14^0$	$= 43 + 72 + 73 + 130 + 140$
$458 := 3^4 + 4^1 + 8^0 + 11^1 + 19^2$	$= 34 + 41 + 80 + 111 + 192$	$458 := 4^3 + 7^2 + 7^3 + 8^0 + 19^0$	$= 43 + 72 + 73 + 80 + 190$
$458 := 3^4 + 5^1 + 8^0 + 10^1 + 19^2$	$= 34 + 51 + 80 + 101 + 192$	$458 := 4^3 + 7^2 + 7^3 + 9^0 + 18^0$	$= 43 + 72 + 73 + 90 + 180$
$458 := 3^4 + 6^1 + 8^0 + 9^1 + 19^2$	$= 34 + 61 + 80 + 91 + 192$	$458 := 4^4 + 10^0 + 10^2 + 10^2 + 11^0$	$= 44 + 100 + 102 + 102 + 110$
$458 := 3^4 + 7^1 + 8^0 + 8^1 + 19^2$	$= 34 + 71 + 80 + 81 + 192$	$458 := 4^4 + 5^0 + 10^2 + 10^2 + 16^0$	$= 44 + 50 + 102 + 102 + 160$
$458 := 3^5 + 4^0 + 7^0 + 14^2 + 17^1$	$= 35 + 40 + 70 + 142 + 171$	$458 := 4^4 + 6^0 + 10^2 + 10^2 + 15^0$	$= 44 + 60 + 102 + 102 + 150$
$458 := 3^5 + 5^0 + 6^0 + 14^2 + 17^1$	$= 35 + 50 + 60 + 142 + 171$	$458 := 4^4 + 7^0 + 10^2 + 10^2 + 14^0$	$= 44 + 70 + 102 + 102 + 140$
$458 := 4^0 + 4^3 + 7^2 + 7^3 + 23^0$	$= 40 + 43 + 72 + 73 + 230$	$458 := 4^4 + 8^0 + 10^2 + 10^2 + 13^0$	$= 44 + 80 + 102 + 102 + 130$
$458 := 4^0 + 4^4 + 10^2 + 10^2 + 17^0$	$= 40 + 44 + 102 + 102 + 170$	$458 := 4^4 + 9^0 + 10^2 + 10^2 + 12^0$	$= 44 + 90 + 102 + 102 + 120$
$458 := 4^0 + 5^2 + 12^2 + 12^2 + 12^2$	$= 40 + 52 + 122 + 122 + 122$	$458 := 5^1 + 6^3 + 6^3 + 8^0 + 20^1$	$= 51 + 63 + 63 + 80 + 201$
$458 := 4^0 + 5^3 + 8^2 + 12^1 + 16^2$	$= 40 + 53 + 82 + 121 + 162$	$458 := 5^2 + 7^3 + 8^1 + 9^2 + 16^0$	$= 52 + 73 + 81 + 92 + 160$
$458 := 4^0 + 6^2 + 9^2 + 12^2 + 14^2$	$= 40 + 62 + 92 + 122 + 142$	$458 := 5^3 + 6^2 + 7^1 + 10^0 + 17^2$	$= 53 + 62 + 71 + 100 + 172$
$458 := 4^1 + 4^3 + 10^0 + 10^2 + 17^2$	$= 41 + 43 + 100 + 102 + 172$	$458 := 5^3 + 7^1 + 8^0 + 10^2 + 15^2$	$= 53 + 71 + 80 + 102 + 152$
$458 := 4^1 + 6^3 + 6^3 + 8^0 + 21^1$	$= 41 + 63 + 63 + 80 + 211$	$458 := 6^1 + 6^3 + 6^3 + 8^0 + 19^1$	$= 61 + 63 + 63 + 80 + 191$
$458 := 4^2 + 4^2 + 5^2 + 12^0 + 20^2$	$= 42 + 42 + 52 + 120 + 202$	$458 := 6^2 + 6^3 + 9^1 + 10^0 + 14^2$	$= 62 + 63 + 91 + 100 + 142$
$458 := 4^2 + 4^2 + 8^0 + 13^2 + 16^2$	$= 42 + 42 + 80 + 132 + 162$	$458 := 6^2 + 7^3 + 8^2 + 10^0 + 14^1$	$= 62 + 73 + 82 + 100 + 141$
$458 := 4^2 + 4^2 + 8^2 + 10^0 + 19^2$	$= 42 + 42 + 82 + 100 + 192$	$458 := 6^3 + 6^3 + 7^1 + 8^0 + 18^1$	$= 63 + 63 + 71 + 80 + 181$
$458 := 4^2 + 6^0 + 7^2 + 14^2 + 14^2$	$= 42 + 60 + 72 + 142 + 142$	$458 := 6^3 + 6^3 + 8^0 + 10^1 + 15^1$	$= 63 + 63 + 80 + 101 + 151$
$458 := 4^2 + 6^0 + 8^2 + 11^2 + 16^2$	$= 42 + 60 + 82 + 112 + 162$	$458 := 6^3 + 6^3 + 8^0 + 11^1 + 14^1$	$= 63 + 63 + 80 + 111 + 141$
$458 := 4^2 + 6^2 + 8^0 + 9^2 + 18^2$	$= 42 + 62 + 80 + 92 + 182$	$458 := 6^3 + 6^3 + 8^0 + 12^1 + 13^1$	$= 63 + 63 + 80 + 121 + 131$
$458 := 4^2 + 7^3 + 8^0 + 9^2 + 17^1$	$= 42 + 73 + 80 + 92 + 171$	$458 := 6^3 + 6^3 + 8^0 + 8^1 + 17^1$	$= 63 + 63 + 80 + 81 + 171$
$458 := 4^3 + 5^0 + 7^2 + 7^3 + 22^0$	$= 43 + 50 + 72 + 73 + 220$	$458 := 6^3 + 6^3 + 8^0 + 9^1 + 16^1$	$= 63 + 63 + 80 + 91 + 161$
$458 := 4^3 + 5^1 + 8^2 + 10^0 + 18^2$	$= 43 + 51 + 82 + 100 + 182$	$458 := 6^3 + 8^1 + 8^2 + 10^0 + 13^2$	$= 63 + 81 + 82 + 100 + 132$
$458 := 4^3 + 5^2 + 7^1 + 10^0 + 19^2$	$= 43 + 52 + 71 + 100 + 192$	$458 := 7^2 + 7^2 + 7^3 + 8^0 + 16^1$	$= 72 + 72 + 73 + 80 + 161$
$458 := 4^3 + 6^0 + 7^2 + 7^3 + 21^0$	$= 43 + 60 + 72 + 73 + 210$		

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$459 := 1^1 + 3^4 + 7^3 + 34^1$	$= 11 + 34 + 73 + 341$	$459 := 2^3 + 7^3 + 9^2 + 27^1$	$= 23 + 73 + 92 + 271$
$459 := 1^3 + 2^4 + 21^0 + 21^2$	$= 13 + 24 + 210 + 212$	$459 := 2^4 + 5^2 + 18^1 + 20^2$	$= 24 + 52 + 181 + 202$
$459 := 1^4 + 9^2 + 16^1 + 19^2$	$= 14 + 92 + 161 + 192$	$459 := 3^1 + 3^4 + 7^3 + 32^1$	$= 31 + 34 + 73 + 321$
$459 := 1^5 + 4^2 + 19^0 + 21^2$	$= 15 + 42 + 190 + 212$	$459 := 3^2 + 4^4 + 13^2 + 25^1$	$= 32 + 44 + 132 + 251$
$459 := 1^6 + 7^0 + 16^1 + 21^2$	$= 16 + 70 + 161 + 212$	$459 := 3^4 + 4^1 + 7^3 + 31^1$	$= 34 + 41 + 73 + 311$
$459 := 2^1 + 3^4 + 7^3 + 33^1$	$= 21 + 34 + 73 + 331$	$459 := 3^4 + 5^1 + 7^3 + 30^1$	$= 34 + 51 + 73 + 301$

$$\begin{aligned} 459 &:= 3^4 + 6^1 + 7^3 + 29^1 &= 34 + 61 + 73 + 291 & 459 &:= 1^1 + 1^3 + 9^2 + 15^1 + 19^2 &= 11 + 13 + 92 + 151 + 192 \\ 459 &:= 3^4 + 6^2 + 18^1 + 18^2 &= 34 + 62 + 181 + 182 & 459 &:= 1^1 + 1^5 + 7^0 + 15^1 + 21^2 &= 11 + 15 + 70 + 151 + 212 \\ 459 &:= 3^4 + 7^1 + 7^3 + 28^1 &= 34 + 71 + 73 + 281 & 459 &:= 1^1 + 2^3 + 2^3 + 19^0 + 21^2 &= 11 + 23 + 23 + 190 + 212 \\ 459 &:= 3^4 + 7^3 + 10^1 + 25^1 &= 34 + 73 + 101 + 251 & 459 &:= 1^1 + 2^3 + 5^3 + 18^2 + 19^0 &= 11 + 23 + 53 + 182 + 190 \\ 459 &:= 3^4 + 7^3 + 11^1 + 24^1 &= 34 + 73 + 111 + 241 & 459 &:= 1^1 + 3^2 + 7^3 + 9^2 + 25^1 &= 11 + 32 + 73 + 92 + 251 \\ 459 &:= 3^4 + 7^3 + 12^1 + 23^1 &= 34 + 73 + 121 + 231 & 459 &:= 1^1 + 3^5 + 9^0 + 14^2 + 18^1 &= 11 + 35 + 90 + 142 + 181 \\ 459 &:= 3^4 + 7^3 + 13^1 + 22^1 &= 34 + 73 + 131 + 221 & 459 &:= 1^1 + 4^2 + 4^3 + 17^1 + 19^2 &= 11 + 42 + 43 + 171 + 192 \\ 459 &:= 3^4 + 7^3 + 14^1 + 21^1 &= 34 + 73 + 141 + 211 & 459 &:= 1^1 + 5^2 + 6^3 + 6^3 + 27^0 &= 11 + 52 + 63 + 63 + 270 \\ 459 &:= 3^4 + 7^3 + 15^1 + 20^1 &= 34 + 73 + 151 + 201 & 459 &:= 1^1 + 6^3 + 9^2 + 12^2 + 17^1 &= 11 + 63 + 92 + 122 + 171 \\ 459 &:= 3^4 + 7^3 + 16^1 + 19^1 &= 34 + 73 + 161 + 191 & 459 &:= 1^2 + 1^2 + 9^2 + 15^1 + 19^2 &= 12 + 12 + 92 + 151 + 192 \\ 459 &:= 3^4 + 7^3 + 17^1 + 18^1 &= 34 + 73 + 171 + 181 & 459 &:= 1^2 + 1^4 + 7^0 + 15^1 + 21^2 &= 12 + 14 + 70 + 151 + 212 \\ 459 &:= 3^4 + 7^3 + 8^1 + 27^1 &= 34 + 73 + 81 + 271 & 459 &:= 1^2 + 2^3 + 7^2 + 15^0 + 20^2 &= 12 + 23 + 72 + 150 + 202 \\ 459 &:= 3^4 + 7^3 + 9^1 + 26^1 &= 34 + 73 + 91 + 261 & 459 &:= 1^2 + 3^4 + 7^0 + 15^1 + 19^2 &= 12 + 34 + 70 + 151 + 192 \\ 459 &:= 4^4 + 6^2 + 12^2 + 23^1 &= 44 + 62 + 122 + 231 & 459 &:= 1^2 + 4^2 + 6^3 + 15^2 + 19^0 &= 12 + 42 + 63 + 152 + 190 \\ 459 &:= 4^4 + 9^2 + 10^2 + 22^1 &= 44 + 92 + 102 + 221 & 459 &:= 1^2 + 4^4 + 5^1 + 14^2 + 21^0 &= 12 + 44 + 51 + 142 + 210 \\ 459 &:= 1^0 + 1^4 + 9^2 + 15^1 + 19^2 &= 10 + 14 + 92 + 151 + 192 & 459 &:= 1^2 + 6^2 + 7^2 + 12^1 + 19^2 &= 12 + 62 + 72 + 121 + 192 \\ 459 &:= 1^0 + 1^6 + 7^0 + 15^1 + 21^2 &= 10 + 16 + 70 + 151 + 212 & 459 &:= 1^2 + 6^3 + 6^3 + 7^0 + 25^1 &= 12 + 63 + 63 + 70 + 251 \\ 459 &:= 1^0 + 2^3 + 7^3 + 9^2 + 26^1 &= 10 + 23 + 73 + 92 + 261 & 459 &:= 1^2 + 7^2 + 9^1 + 12^2 + 16^2 &= 12 + 72 + 91 + 122 + 162 \\ 459 &:= 1^0 + 2^4 + 5^2 + 17^1 + 20^2 &= 10 + 24 + 52 + 171 + 202 & 459 &:= 1^2 + 8^1 + 9^2 + 12^2 + 15^2 &= 12 + 81 + 92 + 122 + 152 \\ 459 &:= 1^0 + 2^4 + 6^3 + 15^2 + 21^0 &= 10 + 24 + 63 + 152 + 210 & 459 &:= 1^3 + 1^3 + 7^0 + 15^1 + 21^2 &= 13 + 13 + 70 + 151 + 212 \\ 459 &:= 1^0 + 2^5 + 13^0 + 13^2 + 16^2 &= 10 + 25 + 130 + 132 + 162 & 459 &:= 1^3 + 2^1 + 9^2 + 14^1 + 19^2 &= 13 + 21 + 92 + 141 + 192 \\ 459 &:= 1^0 + 2^5 + 5^2 + 17^0 + 20^2 &= 10 + 25 + 52 + 170 + 202 & 459 &:= 1^3 + 2^3 + 8^1 + 13^0 + 21^2 &= 13 + 23 + 81 + 130 + 212 \\ 459 &:= 1^0 + 2^5 + 8^2 + 15^0 + 19^2 &= 10 + 25 + 82 + 150 + 192 & 459 &:= 1^3 + 3^1 + 9^2 + 13^1 + 19^2 &= 13 + 31 + 92 + 131 + 192 \\ 459 &:= 1^0 + 3^2 + 4^4 + 13^2 + 24^1 &= 10 + 32 + 44 + 132 + 241 & 459 &:= 1^3 + 4^1 + 9^2 + 12^1 + 19^2 &= 13 + 41 + 92 + 121 + 192 \\ 459 &:= 1^0 + 3^4 + 6^2 + 17^1 + 18^2 &= 10 + 34 + 62 + 171 + 182 & 459 &:= 1^3 + 5^1 + 9^2 + 11^1 + 19^2 &= 13 + 51 + 92 + 111 + 192 \\ 459 &:= 1^0 + 3^4 + 7^1 + 7^3 + 27^1 &= 10 + 34 + 71 + 73 + 271 & 459 &:= 1^3 + 5^3 + 8^1 + 13^0 + 18^2 &= 13 + 53 + 81 + 130 + 182 \\ 459 &:= 1^0 + 3^4 + 7^3 + 10^1 + 24^1 &= 10 + 34 + 73 + 101 + 241 & 459 &:= 1^3 + 6^1 + 9^2 + 10^1 + 19^2 &= 13 + 61 + 92 + 101 + 192 \\ 459 &:= 1^0 + 3^4 + 7^3 + 11^1 + 23^1 &= 10 + 34 + 73 + 111 + 231 & 459 &:= 1^3 + 6^2 + 9^0 + 14^2 + 15^2 &= 13 + 62 + 90 + 142 + 152 \\ 459 &:= 1^0 + 3^4 + 7^3 + 12^1 + 22^1 &= 10 + 34 + 73 + 121 + 221 & 459 &:= 1^3 + 6^3 + 7^0 + 15^2 + 16^1 &= 13 + 63 + 70 + 152 + 161 \\ 459 &:= 1^0 + 3^4 + 7^3 + 13^1 + 21^1 &= 10 + 34 + 73 + 131 + 211 & 459 &:= 1^3 + 7^0 + 12^2 + 12^2 + 13^2 &= 13 + 70 + 122 + 122 + 132 \\ 459 &:= 1^0 + 3^4 + 7^3 + 14^1 + 20^1 &= 10 + 34 + 73 + 141 + 201 & 459 &:= 1^3 + 7^1 + 9^1 + 9^2 + 19^2 &= 13 + 71 + 91 + 92 + 192 \\ 459 &:= 1^0 + 3^4 + 7^3 + 15^1 + 19^1 &= 10 + 34 + 73 + 151 + 191 & 459 &:= 1^3 + 7^3 + 10^2 + 13^0 + 14^1 &= 13 + 73 + 102 + 130 + 141 \\ 459 &:= 1^0 + 3^4 + 7^3 + 16^1 + 18^1 &= 10 + 34 + 73 + 161 + 181 & 459 &:= 1^3 + 8^1 + 8^1 + 9^2 + 19^2 &= 13 + 81 + 81 + 92 + 192 \\ 459 &:= 1^0 + 3^4 + 7^3 + 17^1 + 17^1 &= 10 + 34 + 73 + 171 + 171 & 459 &:= 1^4 + 2^2 + 9^0 + 12^1 + 21^2 &= 14 + 22 + 90 + 121 + 212 \\ 459 &:= 1^0 + 3^4 + 7^3 + 8^1 + 26^1 &= 10 + 34 + 73 + 81 + 261 & 459 &:= 1^4 + 2^5 + 2^8 + 13^2 + 26^0 &= 14 + 25 + 28 + 132 + 260 \\ 459 &:= 1^0 + 3^4 + 7^3 + 9^1 + 25^1 &= 10 + 34 + 73 + 91 + 251 & 459 &:= 1^4 + 3^0 + 11^2 + 12^1 + 18^2 &= 14 + 30 + 112 + 121 + 182 \\ 459 &:= 1^0 + 4^4 + 6^2 + 12^2 + 22^1 &= 10 + 44 + 62 + 122 + 221 & 459 &:= 1^4 + 3^2 + 7^1 + 13^0 + 21^2 &= 14 + 32 + 71 + 130 + 212 \\ 459 &:= 1^0 + 4^4 + 9^2 + 10^2 + 21^1 &= 10 + 44 + 92 + 102 + 211 & 459 &:= 1^4 + 5^1 + 9^0 + 14^2 + 16^2 &= 14 + 51 + 90 + 142 + 162 \end{aligned}$$

$$\begin{aligned} 459 &:= 1^4 + 7^0 + 7^1 + 15^2 + 15^2 = 14 + 70 + 71 + 152 + 152 \\ 459 &:= 1^4 + 7^2 + 8^1 + 9^0 + 20^2 = 14 + 72 + 81 + 90 + 202 \\ 459 &:= 1^5 + 2^1 + 7^0 + 14^1 + 21^2 = 15 + 21 + 70 + 141 + 212 \\ 459 &:= 1^5 + 3^1 + 7^0 + 13^1 + 21^2 = 15 + 31 + 70 + 131 + 212 \\ 459 &:= 1^5 + 4^1 + 7^0 + 12^1 + 21^2 = 15 + 41 + 70 + 121 + 212 \\ 459 &:= 1^5 + 5^1 + 7^0 + 11^1 + 21^2 = 15 + 51 + 70 + 111 + 212 \\ 459 &:= 1^5 + 6^1 + 7^0 + 10^1 + 21^2 = 15 + 61 + 70 + 101 + 212 \\ 459 &:= 1^5 + 7^0 + 7^1 + 9^1 + 21^2 = 15 + 70 + 71 + 91 + 212 \\ 459 &:= 1^5 + 7^0 + 8^1 + 8^1 + 21^2 = 15 + 70 + 81 + 81 + 212 \\ 459 &:= 1^6 + 2^0 + 6^0 + 15^1 + 21^2 = 16 + 20 + 60 + 151 + 212 \\ 459 &:= 1^6 + 2^5 + 2^6 + 19^2 + 20^0 = 16 + 25 + 26 + 192 + 200 \\ 459 &:= 1^6 + 3^0 + 5^0 + 15^1 + 21^2 = 16 + 30 + 50 + 151 + 212 \\ 459 &:= 1^6 + 4^0 + 4^0 + 15^1 + 21^2 = 16 + 40 + 40 + 151 + 212 \\ 459 &:= 1^7 + 1^9 + 6^0 + 15^1 + 21^2 = 17 + 19 + 60 + 151 + 212 \\ 459 &:= 1^8 + 1^8 + 6^0 + 15^1 + 21^2 = 18 + 18 + 60 + 151 + 212 \\ 459 &:= 1^8 + 2^5 + 4^4 + 13^2 + 24^0 = 18 + 25 + 44 + 132 + 240 \\ 459 &:= 1^8 + 2^8 + 5^1 + 14^2 + 22^0 = 18 + 28 + 51 + 142 + 220 \\ 459 &:= 1^9 + 2^5 + 4^3 + 18^0 + 19^2 = 19 + 25 + 43 + 180 + 192 \\ 459 &:= 1^9 + 2^7 + 5^1 + 18^0 + 18^2 = 19 + 27 + 51 + 180 + 182 \\ 459 &:= 2^0 + 2^4 + 6^3 + 15^2 + 20^0 = 20 + 24 + 63 + 152 + 200 \\ 459 &:= 2^0 + 2^5 + 12^0 + 13^2 + 16^2 = 20 + 25 + 120 + 132 + 162 \\ 459 &:= 2^0 + 2^5 + 5^2 + 16^0 + 20^2 = 20 + 25 + 52 + 160 + 202 \\ 459 &:= 2^0 + 2^5 + 8^2 + 14^0 + 19^2 = 20 + 25 + 82 + 140 + 192 \\ 459 &:= 2^1 + 2^2 + 4^4 + 14^2 + 23^0 = 21 + 22 + 44 + 142 + 230 \\ 459 &:= 2^1 + 3^2 + 7^3 + 9^2 + 24^1 = 21 + 32 + 73 + 92 + 241 \\ 459 &:= 2^1 + 3^5 + 9^0 + 14^2 + 17^1 = 21 + 35 + 90 + 142 + 171 \\ 459 &:= 2^1 + 4^2 + 4^3 + 16^1 + 19^2 = 21 + 42 + 43 + 161 + 192 \\ 459 &:= 2^1 + 4^3 + 7^2 + 7^3 + 25^0 = 21 + 43 + 72 + 73 + 250 \\ 459 &:= 2^1 + 4^4 + 10^2 + 10^2 + 19^0 = 21 + 44 + 102 + 102 + 190 \\ 459 &:= 2^1 + 6^3 + 9^2 + 12^2 + 16^1 = 21 + 63 + 92 + 122 + 161 \\ 459 &:= 2^2 + 2^2 + 6^2 + 15^1 + 20^2 = 22 + 22 + 62 + 151 + 202 \\ 459 &:= 2^2 + 3^4 + 9^0 + 12^1 + 19^2 = 22 + 34 + 90 + 121 + 192 \\ 459 &:= 2^2 + 4^2 + 5^2 + 14^1 + 20^2 = 22 + 42 + 52 + 141 + 202 \\ 459 &:= 2^2 + 5^2 + 9^1 + 14^2 + 15^2 = 22 + 52 + 91 + 142 + 152 \\ 459 &:= 2^2 + 6^2 + 9^1 + 11^2 + 17^2 = 22 + 62 + 91 + 112 + 172 \\ 459 &:= 2^2 + 6^3 + 6^3 + 9^0 + 22^1 = 22 + 63 + 63 + 90 + 221 \\ 459 &:= 2^3 + 5^2 + 5^2 + 13^0 + 20^2 = 23 + 52 + 52 + 130 + 202 \\ 459 &:= 2^3 + 5^2 + 8^2 + 11^0 + 19^2 = 23 + 52 + 82 + 110 + 192 \end{aligned}$$

$$\begin{aligned} 459 &:= 2^3 + 5^2 + 9^0 + 13^2 + 16^2 = 23 + 52 + 90 + 132 + 162 \\ 459 &:= 2^3 + 6^3 + 9^1 + 13^0 + 15^2 = 23 + 63 + 91 + 130 + 152 \\ 459 &:= 2^3 + 7^0 + 9^2 + 12^2 + 15^2 = 23 + 70 + 92 + 122 + 152 \\ 459 &:= 2^3 + 7^1 + 7^3 + 10^2 + 19^0 = 23 + 71 + 73 + 102 + 190 \\ 459 &:= 2^4 + 3^0 + 6^3 + 15^2 + 19^0 = 24 + 30 + 63 + 152 + 190 \\ 459 &:= 2^4 + 4^0 + 6^3 + 15^2 + 18^0 = 24 + 40 + 63 + 152 + 180 \\ 459 &:= 2^4 + 5^0 + 6^3 + 15^2 + 17^0 = 24 + 50 + 63 + 152 + 170 \\ 459 &:= 2^4 + 5^0 + 9^1 + 12^2 + 17^2 = 24 + 50 + 91 + 122 + 172 \\ 459 &:= 2^4 + 6^0 + 6^3 + 15^2 + 16^0 = 24 + 60 + 63 + 152 + 160 \\ 459 &:= 2^4 + 6^1 + 6^2 + 11^0 + 20^2 = 24 + 61 + 62 + 110 + 202 \\ 459 &:= 2^4 + 6^3 + 10^0 + 12^0 + 15^2 = 24 + 63 + 100 + 120 + 152 \\ 459 &:= 2^4 + 6^3 + 11^0 + 11^0 + 15^2 = 24 + 63 + 110 + 110 + 152 \\ 459 &:= 2^4 + 6^3 + 7^0 + 15^0 + 15^2 = 24 + 63 + 70 + 150 + 152 \\ 459 &:= 2^4 + 6^3 + 8^0 + 14^0 + 15^2 = 24 + 63 + 80 + 140 + 152 \\ 459 &:= 2^4 + 6^3 + 9^0 + 13^0 + 15^2 = 24 + 63 + 90 + 130 + 152 \\ 459 &:= 2^5 + 3^0 + 11^0 + 13^2 + 16^2 = 25 + 30 + 110 + 132 + 162 \\ 459 &:= 2^5 + 3^0 + 5^2 + 15^0 + 20^2 = 25 + 30 + 52 + 150 + 202 \\ 459 &:= 2^5 + 3^0 + 8^2 + 13^0 + 19^2 = 25 + 30 + 82 + 130 + 192 \\ 459 &:= 2^5 + 4^0 + 10^0 + 13^2 + 16^2 = 25 + 40 + 100 + 132 + 162 \\ 459 &:= 2^5 + 4^0 + 5^2 + 14^0 + 20^2 = 25 + 40 + 52 + 140 + 202 \\ 459 &:= 2^5 + 4^0 + 8^2 + 12^0 + 19^2 = 25 + 40 + 82 + 120 + 192 \\ 459 &:= 2^5 + 5^0 + 5^2 + 13^0 + 20^2 = 25 + 50 + 52 + 130 + 202 \\ 459 &:= 2^5 + 5^0 + 8^2 + 11^0 + 19^2 = 25 + 50 + 82 + 110 + 192 \\ 459 &:= 2^5 + 5^0 + 9^0 + 13^2 + 16^2 = 25 + 50 + 90 + 132 + 162 \\ 459 &:= 2^5 + 5^2 + 6^0 + 12^0 + 20^2 = 25 + 52 + 60 + 120 + 202 \\ 459 &:= 2^5 + 5^2 + 7^0 + 11^0 + 20^2 = 25 + 52 + 70 + 110 + 202 \\ 459 &:= 2^5 + 5^2 + 8^0 + 10^0 + 20^2 = 25 + 52 + 80 + 100 + 202 \\ 459 &:= 2^5 + 5^2 + 9^0 + 9^0 + 20^2 = 25 + 52 + 90 + 90 + 202 \\ 459 &:= 2^5 + 6^0 + 8^0 + 13^2 + 16^2 = 25 + 60 + 80 + 132 + 162 \\ 459 &:= 2^5 + 6^0 + 8^2 + 10^0 + 19^2 = 25 + 60 + 82 + 100 + 192 \\ 459 &:= 2^5 + 7^0 + 7^0 + 13^2 + 16^2 = 25 + 70 + 70 + 132 + 162 \\ 459 &:= 2^5 + 7^0 + 8^2 + 9^0 + 19^2 = 25 + 70 + 82 + 90 + 192 \\ 459 &:= 2^5 + 8^0 + 8^0 + 8^2 + 19^2 = 25 + 80 + 80 + 82 + 192 \\ 459 &:= 2^6 + 2^7 + 3^5 + 14^0 + 23^1 = 26 + 27 + 35 + 140 + 231 \\ 459 &:= 2^7 + 2^8 + 4^3 + 10^1 + 26^0 = 27 + 28 + 43 + 101 + 260 \\ 459 &:= 3^0 + 3^3 + 5^3 + 17^1 + 17^2 = 30 + 33 + 53 + 171 + 172 \\ 459 &:= 3^0 + 3^3 + 6^3 + 14^2 + 19^1 = 30 + 33 + 63 + 142 + 191 \\ 459 &:= 3^0 + 3^3 + 7^3 + 8^2 + 24^1 = 30 + 33 + 73 + 82 + 241 \end{aligned}$$

$$\begin{aligned}459 &:= 3^0 + 3^4 + 12^1 + 13^2 + 14^2 = 30 + 34 + 121 + 132 + 142 \\459 &:= 3^0 + 4^3 + 5^2 + 7^3 + 26^1 = 30 + 43 + 52 + 73 + 261 \\459 &:= 3^1 + 3^2 + 7^3 + 9^2 + 23^1 = 31 + 32 + 73 + 92 + 231 \\459 &:= 3^1 + 3^5 + 9^0 + 14^2 + 16^1 = 31 + 35 + 90 + 142 + 161 \\459 &:= 3^1 + 4^2 + 4^3 + 15^1 + 19^2 = 31 + 42 + 43 + 151 + 192 \\459 &:= 3^1 + 6^3 + 9^2 + 12^2 + 15^1 = 31 + 63 + 92 + 122 + 151 \\459 &:= 3^2 + 3^4 + 7^1 + 13^0 + 19^2 = 32 + 34 + 71 + 130 + 192 \\459 &:= 3^2 + 4^1 + 7^3 + 9^2 + 22^1 = 32 + 41 + 73 + 92 + 221 \\459 &:= 3^2 + 4^2 + 10^1 + 10^2 + 18^2 = 32 + 42 + 101 + 102 + 182 \\459 &:= 3^2 + 4^2 + 9^1 + 13^2 + 16^2 = 32 + 42 + 91 + 132 + 162 \\459 &:= 3^2 + 5^1 + 7^3 + 9^2 + 21^1 = 32 + 51 + 73 + 92 + 211 \\459 &:= 3^2 + 5^2 + 7^3 + 9^2 + 21^0 = 32 + 52 + 73 + 92 + 210 \\459 &:= 3^2 + 6^1 + 7^3 + 9^2 + 20^1 = 32 + 61 + 73 + 92 + 201 \\459 &:= 3^2 + 6^2 + 9^1 + 9^2 + 18^2 = 32 + 62 + 91 + 92 + 182 \\459 &:= 3^2 + 6^3 + 6^3 + 13^0 + 17^1 = 32 + 63 + 63 + 130 + 171 \\459 &:= 3^2 + 6^3 + 8^2 + 13^2 + 15^0 = 32 + 63 + 82 + 132 + 150 \\459 &:= 3^2 + 7^1 + 7^2 + 13^2 + 15^2 = 32 + 71 + 72 + 132 + 152 \\459 &:= 3^2 + 7^1 + 7^3 + 9^2 + 19^1 = 32 + 71 + 73 + 92 + 191 \\459 &:= 3^2 + 7^3 + 8^1 + 9^2 + 18^1 = 32 + 73 + 81 + 92 + 181 \\459 &:= 3^2 + 7^3 + 9^1 + 9^2 + 17^1 = 32 + 73 + 91 + 92 + 171 \\459 &:= 3^2 + 7^3 + 9^2 + 10^1 + 16^1 = 32 + 73 + 92 + 101 + 161 \\459 &:= 3^2 + 7^3 + 9^2 + 11^1 + 15^1 = 32 + 73 + 92 + 111 + 151 \\459 &:= 3^2 + 7^3 + 9^2 + 12^1 + 14^1 = 32 + 73 + 92 + 121 + 141 \\459 &:= 3^2 + 7^3 + 9^2 + 13^1 + 13^1 = 32 + 73 + 92 + 131 + 131 \\459 &:= 3^3 + 3^3 + 4^1 + 15^0 + 20^2 = 33 + 33 + 41 + 150 + 202 \\459 &:= 3^3 + 4^3 + 6^1 + 13^0 + 19^2 = 33 + 43 + 61 + 130 + 192 \\459 &:= 3^3 + 7^1 + 7^3 + 9^2 + 19^0 = 33 + 71 + 73 + 92 + 190 \\459 &:= 3^4 + 4^1 + 7^2 + 13^0 + 18^2 = 34 + 41 + 72 + 130 + 182 \\459 &:= 3^4 + 7^0 + 8^1 + 12^2 + 15^2 = 34 + 70 + 81 + 122 + 152 \\459 &:= 3^4 + 7^1 + 9^0 + 9^2 + 17^2 = 34 + 71 + 90 + 92 + 172 \\459 &:= 3^5 + 4^1 + 9^0 + 14^2 + 15^1 = 35 + 41 + 90 + 142 + 151 \\459 &:= 3^5 + 5^1 + 9^0 + 14^1 + 14^2 = 35 + 51 + 90 + 141 + 142 \\459 &:= 3^5 + 6^1 + 9^0 + 13^1 + 14^2 = 35 + 61 + 90 + 131 + 142 \\459 &:= 3^5 + 7^1 + 9^0 + 12^1 + 14^2 = 35 + 71 + 90 + 121 + 142 \\459 &:= 3^5 + 8^1 + 9^0 + 11^1 + 14^2 = 35 + 81 + 90 + 111 + 142 \\459 &:= 3^5 + 9^0 + 9^1 + 10^1 + 14^2 = 35 + 90 + 91 + 101 + 142 \\459 &:= 4^1 + 4^2 + 4^3 + 14^1 + 19^2 = 41 + 42 + 43 + 141 + 192 \\459 &:= 4^1 + 6^2 + 9^2 + 13^2 + 13^2 = 41 + 62 + 92 + 132 + 132\end{aligned}$$

$$\begin{aligned}459 &:= 4^1 + 6^3 + 9^2 + 12^2 + 14^1 = 41 + 63 + 92 + 122 + 141 \\459 &:= 4^1 + 7^2 + 9^2 + 10^2 + 15^2 = 41 + 72 + 92 + 102 + 152 \\459 &:= 4^2 + 4^3 + 5^1 + 13^1 + 19^2 = 42 + 43 + 51 + 131 + 192 \\459 &:= 4^2 + 4^3 + 6^1 + 12^1 + 19^2 = 42 + 43 + 61 + 121 + 192 \\459 &:= 4^2 + 4^3 + 7^1 + 11^1 + 19^2 = 42 + 43 + 71 + 111 + 192 \\459 &:= 4^2 + 4^3 + 8^1 + 10^1 + 19^2 = 42 + 43 + 81 + 101 + 192 \\459 &:= 4^2 + 4^3 + 9^1 + 9^1 + 19^2 = 42 + 43 + 91 + 91 + 192 \\459 &:= 4^2 + 4^4 + 7^0 + 13^2 + 17^1 = 42 + 44 + 70 + 132 + 171 \\459 &:= 4^2 + 5^1 + 10^2 + 13^2 + 13^2 = 42 + 51 + 102 + 132 + 132 \\459 &:= 4^2 + 5^1 + 11^2 + 11^2 + 14^2 = 42 + 51 + 112 + 112 + 142 \\459 &:= 4^2 + 5^2 + 8^1 + 11^2 + 17^2 = 42 + 52 + 81 + 112 + 172 \\459 &:= 4^2 + 5^3 + 11^0 + 11^2 + 14^2 = 42 + 53 + 110 + 112 + 142 \\459 &:= 4^2 + 6^1 + 9^2 + 10^2 + 16^2 = 42 + 61 + 92 + 102 + 162 \\459 &:= 4^2 + 6^2 + 6^2 + 10^1 + 19^2 = 42 + 62 + 62 + 101 + 192 \\459 &:= 4^2 + 6^2 + 7^1 + 12^2 + 16^2 = 42 + 62 + 71 + 122 + 162 \\459 &:= 4^2 + 6^3 + 6^3 + 10^1 + 19^0 = 42 + 63 + 63 + 101 + 190 \\459 &:= 4^3 + 4^3 + 6^1 + 13^0 + 18^2 = 43 + 43 + 61 + 130 + 182 \\459 &:= 4^3 + 5^2 + 9^0 + 12^2 + 15^2 = 43 + 52 + 90 + 122 + 152 \\459 &:= 4^3 + 5^3 + 7^0 + 13^1 + 16^2 = 43 + 53 + 70 + 131 + 162 \\459 &:= 4^3 + 6^2 + 7^3 + 13^0 + 15^1 = 43 + 62 + 73 + 130 + 151 \\459 &:= 4^3 + 6^3 + 9^1 + 13^0 + 13^2 = 43 + 63 + 91 + 130 + 132 \\459 &:= 4^3 + 7^0 + 9^2 + 12^2 + 13^2 = 43 + 70 + 92 + 122 + 132 \\459 &:= 4^4 + 5^0 + 8^2 + 11^2 + 17^1 = 44 + 50 + 82 + 112 + 171 \\459 &:= 4^4 + 5^2 + 8^1 + 13^2 + 15^0 = 44 + 52 + 81 + 132 + 150 \\459 &:= 4^4 + 7^2 + 9^1 + 12^2 + 13^0 = 44 + 72 + 91 + 122 + 130 \\459 &:= 5^1 + 5^2 + 8^2 + 13^2 + 14^2 = 51 + 52 + 82 + 132 + 142 \\459 &:= 5^1 + 6^2 + 7^2 + 12^2 + 15^2 = 51 + 62 + 72 + 122 + 152 \\459 &:= 5^1 + 6^2 + 9^2 + 9^2 + 16^2 = 51 + 62 + 92 + 92 + 162 \\459 &:= 5^1 + 6^3 + 9^2 + 12^2 + 13^1 = 51 + 63 + 92 + 122 + 131 \\459 &:= 5^1 + 7^2 + 7^2 + 10^2 + 16^2 = 51 + 72 + 72 + 102 + 162 \\459 &:= 5^2 + 6^1 + 6^2 + 14^2 + 14^2 = 52 + 61 + 62 + 142 + 142 \\459 &:= 5^3 + 5^3 + 9^0 + 12^1 + 14^2 = 53 + 53 + 90 + 121 + 142 \\459 &:= 5^3 + 6^3 + 7^0 + 10^2 + 17^1 = 53 + 63 + 70 + 102 + 171 \\459 &:= 5^3 + 8^2 + 9^0 + 10^2 + 13^2 = 53 + 82 + 90 + 102 + 132 \\459 &:= 6^1 + 6^2 + 8^2 + 8^2 + 17^2 = 61 + 62 + 82 + 82 + 172 \\459 &:= 6^1 + 6^3 + 9^2 + 12^1 + 12^2 = 61 + 63 + 92 + 121 + 122 \\459 &:= 6^3 + 7^1 + 9^2 + 11^1 + 12^2 = 63 + 71 + 92 + 111 + 122 \\459 &:= 6^3 + 7^2 + 7^2 + 12^2 + 13^0 = 63 + 72 + 72 + 122 + 130\end{aligned}$$

$$459 := 6^3 + 8^1 + 9^2 + 10^1 + 12^2 = 63 + 81 + 92 + 101 + 122$$
$$459 := 6^3 + 9^1 + 9^1 + 9^2 + 12^2 = 63 + 91 + 91 + 92 + 122$$

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$$460 := 1^6 + 13^2 + 14^0 + 17^2 = 16 + 132 + 140 + 172$$
$$460 := 1^7 + 6^0 + 17^1 + 21^2 = 17 + 60 + 171 + 212$$
$$460 := 2^5 + 3^3 + 20^0 + 20^2 = 25 + 33 + 200 + 202$$
$$460 := 2^7 + 7^1 + 18^0 + 18^2 = 27 + 71 + 180 + 182$$
$$460 := 1^0 + 1^4 + 2^4 + 20^0 + 21^2 = 10 + 14 + 24 + 200 + 212$$
$$460 := 1^0 + 1^6 + 4^2 + 18^0 + 21^2 = 10 + 16 + 42 + 180 + 212$$
$$460 := 1^0 + 1^7 + 6^0 + 16^1 + 21^2 = 10 + 17 + 60 + 161 + 212$$
$$460 := 1^0 + 2^4 + 3^4 + 19^2 + 20^0 = 10 + 24 + 34 + 192 + 200$$
$$460 := 1^0 + 2^6 + 13^2 + 14^0 + 15^2 = 10 + 26 + 132 + 140 + 152$$
$$460 := 1^0 + 2^7 + 6^1 + 18^0 + 18^2 = 10 + 27 + 61 + 180 + 182$$
$$460 := 1^0 + 3^4 + 4^4 + 11^2 + 26^0 = 10 + 34 + 44 + 112 + 260$$
$$460 := 1^1 + 1^3 + 2^4 + 20^0 + 21^2 = 11 + 13 + 24 + 200 + 212$$
$$460 := 1^1 + 1^5 + 4^2 + 18^0 + 21^2 = 11 + 15 + 42 + 180 + 212$$
$$460 := 1^1 + 1^6 + 6^0 + 16^1 + 21^2 = 11 + 16 + 60 + 161 + 212$$
$$460 := 1^2 + 1^2 + 2^4 + 20^0 + 21^2 = 12 + 12 + 24 + 200 + 212$$
$$460 := 1^2 + 1^4 + 4^2 + 18^0 + 21^2 = 12 + 14 + 42 + 180 + 212$$
$$460 := 1^2 + 1^5 + 6^0 + 16^1 + 21^2 = 12 + 15 + 60 + 161 + 212$$
$$460 := 1^2 + 2^4 + 9^2 + 14^0 + 19^2 = 12 + 24 + 92 + 140 + 192$$
$$460 := 1^2 + 3^4 + 11^2 + 14^0 + 16^2 = 12 + 34 + 112 + 140 + 162$$
$$460 := 1^2 + 3^4 + 4^2 + 18^0 + 19^2 = 12 + 34 + 42 + 180 + 192$$
$$460 := 1^2 + 3^5 + 8^0 + 14^2 + 19^1 = 12 + 35 + 80 + 142 + 191$$
$$460 := 1^2 + 4^4 + 9^2 + 11^2 + 20^0 = 12 + 44 + 92 + 112 + 200$$
$$460 := 1^3 + 1^3 + 4^2 + 18^0 + 21^2 = 13 + 13 + 42 + 180 + 212$$
$$460 := 1^3 + 1^4 + 6^0 + 16^1 + 21^2 = 13 + 14 + 60 + 161 + 212$$
$$460 := 1^3 + 2^3 + 12^0 + 15^2 + 15^2 = 13 + 23 + 120 + 152 + 152$$
$$460 := 1^3 + 2^3 + 3^2 + 18^0 + 21^2 = 13 + 23 + 32 + 180 + 212$$
$$460 := 1^3 + 3^2 + 5^3 + 18^0 + 18^2 = 13 + 32 + 53 + 180 + 182$$
$$460 := 1^3 + 3^4 + 6^0 + 16^1 + 19^2 = 13 + 34 + 60 + 161 + 192$$
$$460 := 1^3 + 4^3 + 12^0 + 13^2 + 15^2 = 13 + 43 + 120 + 132 + 152$$
$$460 := 1^3 + 4^4 + 6^1 + 14^2 + 20^0 = 13 + 44 + 61 + 142 + 200$$
$$460 := 1^3 + 6^0 + 6^3 + 6^3 + 26^1 = 13 + 60 + 63 + 63 + 261$$
$$460 := 1^3 + 6^3 + 11^2 + 11^2 + 16^0 = 13 + 63 + 112 + 112 + 160$$
$$460 := 1^4 + 2^0 + 2^4 + 19^0 + 21^2 = 14 + 20 + 24 + 190 + 212$$
$$460 := 1^4 + 2^3 + 9^1 + 12^0 + 21^2 = 14 + 23 + 91 + 120 + 212$$

$$460 := 1^4 + 2^4 + 10^0 + 11^0 + 21^2 = 14 + 24 + 100 + 110 + 212$$
$$460 := 1^4 + 2^4 + 3^0 + 18^0 + 21^2 = 14 + 24 + 30 + 180 + 212$$
$$460 := 1^4 + 2^4 + 4^0 + 17^0 + 21^2 = 14 + 24 + 40 + 170 + 212$$
$$460 := 1^4 + 2^4 + 5^0 + 16^0 + 21^2 = 14 + 24 + 50 + 160 + 212$$
$$460 := 1^4 + 2^4 + 6^0 + 15^0 + 21^2 = 14 + 24 + 60 + 150 + 212$$
$$460 := 1^4 + 2^4 + 7^0 + 14^0 + 21^2 = 14 + 24 + 70 + 140 + 212$$
$$460 := 1^4 + 2^4 + 8^0 + 13^0 + 21^2 = 14 + 24 + 80 + 130 + 212$$
$$460 := 1^4 + 2^4 + 9^0 + 12^0 + 21^2 = 14 + 24 + 90 + 120 + 212$$
$$460 := 1^4 + 2^5 + 2^8 + 12^2 + 27^1 = 14 + 25 + 28 + 122 + 271$$
$$460 := 1^4 + 3^2 + 7^2 + 14^0 + 20^2 = 14 + 32 + 72 + 140 + 202$$
$$460 := 1^4 + 4^2 + 9^2 + 12^0 + 19^2 = 14 + 42 + 92 + 120 + 192$$
$$460 := 1^4 + 5^2 + 10^0 + 12^2 + 17^2 = 14 + 52 + 100 + 122 + 172$$
$$460 := 1^4 + 5^3 + 9^1 + 12^0 + 18^2 = 14 + 53 + 91 + 120 + 182$$
$$460 := 1^4 + 6^0 + 6^3 + 15^2 + 17^1 = 14 + 60 + 63 + 152 + 171$$
$$460 := 1^4 + 7^3 + 10^2 + 12^0 + 15^1 = 14 + 73 + 102 + 120 + 151$$
$$460 := 1^4 + 8^0 + 8^2 + 13^2 + 15^2 = 14 + 80 + 82 + 132 + 152$$
$$460 := 1^4 + 8^0 + 9^2 + 11^2 + 16^2 = 14 + 80 + 92 + 112 + 162$$
$$460 := 1^5 + 1^9 + 2^4 + 19^0 + 21^2 = 15 + 19 + 24 + 190 + 212$$
$$460 := 1^5 + 2^0 + 11^2 + 13^1 + 18^2 = 15 + 20 + 112 + 131 + 182$$
$$460 := 1^5 + 2^2 + 8^0 + 13^1 + 21^2 = 15 + 22 + 80 + 131 + 212$$
$$460 := 1^5 + 3^2 + 8^1 + 12^0 + 21^2 = 15 + 32 + 81 + 120 + 212$$
$$460 := 1^5 + 6^0 + 8^1 + 15^2 + 15^2 = 15 + 60 + 81 + 152 + 152$$
$$460 := 1^5 + 6^1 + 8^0 + 14^2 + 16^2 = 15 + 61 + 80 + 142 + 162$$
$$460 := 1^5 + 7^2 + 8^0 + 9^1 + 20^2 = 15 + 72 + 80 + 91 + 202$$
$$460 := 1^6 + 1^8 + 2^4 + 19^0 + 21^2 = 16 + 18 + 24 + 190 + 212$$
$$460 := 1^6 + 1^9 + 11^2 + 13^1 + 18^2 = 16 + 19 + 112 + 131 + 182$$
$$460 := 1^6 + 2^0 + 4^2 + 17^0 + 21^2 = 16 + 20 + 42 + 170 + 212$$
$$460 := 1^6 + 2^1 + 6^0 + 15^1 + 21^2 = 16 + 21 + 60 + 151 + 212$$
$$460 := 1^6 + 2^3 + 2^8 + 13^2 + 26^1 = 16 + 23 + 28 + 132 + 261$$
$$460 := 1^6 + 2^8 + 3^4 + 11^2 + 27^0 = 16 + 28 + 34 + 112 + 270$$
$$460 := 1^6 + 3^0 + 4^2 + 16^0 + 21^2 = 16 + 30 + 42 + 160 + 212$$
$$460 := 1^6 + 3^1 + 6^0 + 14^1 + 21^2 = 16 + 31 + 60 + 141 + 212$$
$$460 := 1^6 + 4^0 + 4^2 + 15^0 + 21^2 = 16 + 40 + 42 + 150 + 212$$
$$460 := 1^6 + 4^1 + 6^0 + 13^1 + 21^2 = 16 + 41 + 60 + 131 + 212$$

$$\begin{aligned}460 &:= 1^6 + 4^2 + 5^0 + 14^0 + 21^2 = 16 + 42 + 50 + 140 + 212 \\460 &:= 1^6 + 4^2 + 6^0 + 13^0 + 21^2 = 16 + 42 + 60 + 130 + 212 \\460 &:= 1^6 + 4^2 + 7^0 + 12^0 + 21^2 = 16 + 42 + 70 + 120 + 212 \\460 &:= 1^6 + 4^2 + 8^0 + 11^0 + 21^2 = 16 + 42 + 80 + 110 + 212 \\460 &:= 1^6 + 4^2 + 9^0 + 10^0 + 21^2 = 16 + 42 + 90 + 100 + 212 \\460 &:= 1^6 + 5^1 + 6^0 + 12^1 + 21^2 = 16 + 51 + 60 + 121 + 212 \\460 &:= 1^6 + 6^0 + 6^1 + 11^1 + 21^2 = 16 + 60 + 61 + 111 + 212 \\460 &:= 1^6 + 6^0 + 7^1 + 10^1 + 21^2 = 16 + 60 + 71 + 101 + 212 \\460 &:= 1^6 + 6^0 + 8^1 + 9^1 + 21^2 = 16 + 60 + 81 + 91 + 212 \\460 &:= 1^7 + 1^7 + 2^4 + 19^0 + 21^2 = 17 + 17 + 24 + 190 + 212 \\460 &:= 1^7 + 1^8 + 11^2 + 13^1 + 18^2 = 17 + 18 + 112 + 131 + 182 \\460 &:= 1^7 + 1^9 + 4^2 + 17^0 + 21^2 = 17 + 19 + 42 + 170 + 212 \\460 &:= 1^7 + 2^0 + 5^0 + 16^1 + 21^2 = 17 + 20 + 50 + 161 + 212 \\460 &:= 1^7 + 2^8 + 3^2 + 13^2 + 25^1 = 17 + 28 + 32 + 132 + 251 \\460 &:= 1^7 + 2^8 + 6^2 + 12^2 + 23^1 = 17 + 28 + 62 + 122 + 231 \\460 &:= 1^7 + 2^8 + 9^2 + 10^2 + 22^1 = 17 + 28 + 92 + 102 + 221 \\460 &:= 1^7 + 3^0 + 4^0 + 16^1 + 21^2 = 17 + 30 + 40 + 161 + 212 \\460 &:= 1^8 + 1^8 + 4^2 + 17^0 + 21^2 = 18 + 18 + 42 + 170 + 212 \\460 &:= 1^8 + 1^9 + 5^0 + 16^1 + 21^2 = 18 + 19 + 50 + 161 + 212 \\460 &:= 1^8 + 2^8 + 9^2 + 11^2 + 21^0 = 18 + 28 + 92 + 112 + 210 \\460 &:= 1^9 + 2^3 + 2^5 + 19^1 + 20^2 = 19 + 23 + 25 + 191 + 202 \\460 &:= 1^9 + 2^6 + 4^2 + 18^1 + 19^2 = 19 + 26 + 42 + 181 + 192 \\460 &:= 1^9 + 2^8 + 6^1 + 14^2 + 21^0 = 19 + 28 + 61 + 142 + 210 \\460 &:= 1^9 + 3^5 + 5^3 + 8^2 + 27^1 = 19 + 35 + 53 + 82 + 271 \\460 &:= 2^0 + 2^4 + 3^4 + 19^0 + 19^2 = 20 + 24 + 34 + 190 + 192 \\460 &:= 2^0 + 2^4 + 4^3 + 18^1 + 19^2 = 20 + 24 + 43 + 181 + 192 \\460 &:= 2^0 + 2^5 + 3^2 + 18^1 + 20^2 = 20 + 25 + 32 + 181 + 202 \\460 &:= 2^0 + 2^6 + 13^0 + 13^2 + 15^2 = 20 + 26 + 130 + 132 + 152 \\460 &:= 2^0 + 2^7 + 6^1 + 17^0 + 18^2 = 20 + 27 + 61 + 170 + 182 \\460 &:= 2^0 + 3^4 + 4^4 + 11^2 + 25^0 = 20 + 34 + 44 + 112 + 250 \\460 &:= 2^0 + 3^5 + 5^2 + 13^2 + 22^1 = 20 + 35 + 52 + 132 + 221 \\460 &:= 2^1 + 2^4 + 6^3 + 15^2 + 20^0 = 21 + 24 + 63 + 152 + 200 \\460 &:= 2^1 + 2^5 + 12^0 + 13^2 + 16^2 = 21 + 25 + 120 + 132 + 162 \\460 &:= 2^1 + 2^5 + 5^2 + 16^0 + 20^2 = 21 + 25 + 52 + 160 + 202 \\460 &:= 2^1 + 2^5 + 8^2 + 14^0 + 19^2 = 21 + 25 + 82 + 140 + 192 \\460 &:= 2^2 + 3^5 + 10^0 + 14^2 + 16^1 = 22 + 35 + 100 + 142 + 161 \\460 &:= 2^3 + 3^3 + 10^2 + 12^0 + 18^2 = 23 + 33 + 102 + 120 + 182 \\460 &:= 2^3 + 3^4 + 9^1 + 12^0 + 19^2 = 23 + 34 + 91 + 120 + 192\end{aligned}$$

$$\begin{aligned}460 &:= 2^3 + 6^3 + 6^3 + 12^0 + 19^1 = 23 + 63 + 63 + 120 + 191 \\460 &:= 2^4 + 3^0 + 3^4 + 18^0 + 19^2 = 24 + 30 + 34 + 180 + 192 \\460 &:= 2^4 + 3^3 + 4^0 + 16^1 + 20^2 = 24 + 33 + 40 + 161 + 202 \\460 &:= 2^4 + 3^4 + 10^0 + 11^0 + 19^2 = 24 + 34 + 100 + 110 + 192 \\460 &:= 2^4 + 3^4 + 4^0 + 17^0 + 19^2 = 24 + 34 + 40 + 170 + 192 \\460 &:= 2^4 + 3^4 + 5^0 + 16^0 + 19^2 = 24 + 34 + 50 + 160 + 192 \\460 &:= 2^4 + 3^4 + 6^0 + 15^0 + 19^2 = 24 + 34 + 60 + 150 + 192 \\460 &:= 2^4 + 3^4 + 7^0 + 14^0 + 19^2 = 24 + 34 + 70 + 140 + 192 \\460 &:= 2^4 + 3^4 + 8^0 + 13^0 + 19^2 = 24 + 34 + 80 + 130 + 192 \\460 &:= 2^4 + 3^4 + 9^0 + 12^0 + 19^2 = 24 + 34 + 90 + 120 + 192 \\460 &:= 2^4 + 7^2 + 8^0 + 13^2 + 15^2 = 24 + 72 + 80 + 132 + 152 \\460 &:= 2^4 + 7^3 + 8^0 + 9^2 + 19^1 = 24 + 73 + 80 + 92 + 191 \\460 &:= 2^5 + 3^1 + 10^2 + 12^0 + 18^2 = 25 + 31 + 102 + 120 + 182 \\460 &:= 2^5 + 4^2 + 8^0 + 11^1 + 20^2 = 25 + 42 + 80 + 111 + 202 \\460 &:= 2^5 + 6^1 + 8^0 + 14^2 + 15^2 = 25 + 61 + 80 + 142 + 152 \\460 &:= 2^6 + 3^0 + 12^0 + 13^2 + 15^2 = 26 + 30 + 120 + 132 + 152 \\460 &:= 2^6 + 4^0 + 11^0 + 13^2 + 15^2 = 26 + 40 + 110 + 132 + 152 \\460 &:= 2^6 + 5^0 + 10^0 + 13^2 + 15^2 = 26 + 50 + 100 + 132 + 152 \\460 &:= 2^6 + 6^0 + 9^0 + 13^2 + 15^2 = 26 + 60 + 90 + 132 + 152 \\460 &:= 2^6 + 7^0 + 8^0 + 13^2 + 15^2 = 26 + 70 + 80 + 132 + 152 \\460 &:= 2^7 + 3^0 + 6^1 + 16^0 + 18^2 = 27 + 30 + 61 + 160 + 182 \\460 &:= 2^7 + 4^0 + 6^1 + 15^0 + 18^2 = 27 + 40 + 61 + 150 + 182 \\460 &:= 2^7 + 5^0 + 6^1 + 14^0 + 18^2 = 27 + 50 + 61 + 140 + 182 \\460 &:= 2^7 + 6^0 + 6^1 + 13^0 + 18^2 = 27 + 60 + 61 + 130 + 182 \\460 &:= 2^7 + 6^1 + 7^0 + 12^0 + 18^2 = 27 + 61 + 70 + 120 + 182 \\460 &:= 2^7 + 6^1 + 8^0 + 11^0 + 18^2 = 27 + 61 + 80 + 110 + 182 \\460 &:= 2^7 + 6^1 + 9^0 + 10^0 + 18^2 = 27 + 61 + 90 + 100 + 182 \\460 &:= 3^0 + 3^4 + 4^4 + 11^2 + 24^0 = 30 + 34 + 44 + 112 + 240 \\460 &:= 3^2 + 3^4 + 12^0 + 12^2 + 15^2 = 32 + 34 + 120 + 122 + 152 \\460 &:= 3^2 + 3^4 + 6^0 + 7^3 + 26^1 = 32 + 34 + 60 + 73 + 261 \\460 &:= 3^2 + 3^5 + 11^1 + 14^0 + 14^2 = 32 + 35 + 111 + 140 + 142 \\460 &:= 3^2 + 4^4 + 5^2 + 13^2 + 20^0 = 32 + 44 + 52 + 132 + 200 \\460 &:= 3^3 + 3^3 + 9^2 + 12^0 + 18^2 = 33 + 33 + 92 + 120 + 182 \\460 &:= 3^3 + 4^3 + 6^0 + 7^3 + 25^1 = 33 + 43 + 60 + 73 + 251 \\460 &:= 3^3 + 4^4 + 7^1 + 13^2 + 18^0 = 33 + 44 + 71 + 132 + 180 \\460 &:= 3^3 + 5^2 + 7^3 + 8^2 + 22^0 = 33 + 52 + 73 + 82 + 220 \\460 &:= 3^4 + 4^0 + 4^4 + 11^2 + 23^0 = 34 + 40 + 44 + 112 + 230 \\460 &:= 3^4 + 4^2 + 7^3 + 12^0 + 19^1 = 34 + 42 + 73 + 120 + 191\end{aligned}$$

$$\begin{aligned}
 460 &:= 3^4 + 4^4 + 10^0 + 11^2 + 17^0 = 34 + 44 + 100 + 112 + 170 \\
 460 &:= 3^4 + 4^4 + 11^0 + 11^2 + 16^0 = 34 + 44 + 110 + 112 + 160 \\
 460 &:= 3^4 + 4^4 + 11^2 + 12^0 + 15^0 = 34 + 44 + 112 + 120 + 150 \\
 460 &:= 3^4 + 4^4 + 11^2 + 13^0 + 14^0 = 34 + 44 + 112 + 130 + 140 \\
 460 &:= 3^4 + 4^4 + 5^0 + 11^2 + 22^0 = 34 + 44 + 50 + 112 + 220 \\
 460 &:= 3^4 + 4^4 + 6^0 + 11^2 + 21^0 = 34 + 44 + 60 + 112 + 210 \\
 460 &:= 3^4 + 4^4 + 7^0 + 11^2 + 20^0 = 34 + 44 + 70 + 112 + 200 \\
 460 &:= 3^4 + 4^4 + 8^0 + 11^2 + 19^0 = 34 + 44 + 80 + 112 + 190 \\
 460 &:= 3^4 + 4^4 + 9^0 + 11^2 + 18^0 = 34 + 44 + 90 + 112 + 180 \\
 460 &:= 3^4 + 5^2 + 7^3 + 10^1 + 20^0 = 34 + 52 + 73 + 101 + 200 \\
 460 &:= 3^4 + 5^2 + 8^2 + 12^0 + 17^2 = 34 + 52 + 82 + 120 + 172
 \end{aligned}$$

$$\begin{aligned}
 460 &:= 3^4 + 6^0 + 6^3 + 12^2 + 18^1 = 34 + 60 + 63 + 122 + 181 \\
 460 &:= 3^5 + 4^1 + 4^2 + 14^2 + 20^0 = 35 + 41 + 42 + 142 + 200 \\
 460 &:= 3^5 + 6^0 + 10^2 + 10^2 + 16^1 = 35 + 60 + 102 + 102 + 161 \\
 460 &:= 3^5 + 6^2 + 11^1 + 12^0 + 13^2 = 35 + 62 + 111 + 120 + 132 \\
 460 &:= 3^5 + 8^0 + 9^2 + 11^2 + 14^1 = 35 + 80 + 92 + 112 + 141 \\
 460 &:= 3^5 + 8^1 + 8^2 + 12^2 + 14^0 = 35 + 81 + 82 + 122 + 140 \\
 460 &:= 4^2 + 4^3 + 6^2 + 7^3 + 24^0 = 42 + 43 + 62 + 73 + 240 \\
 460 &:= 4^3 + 4^4 + 8^0 + 11^2 + 18^1 = 43 + 44 + 80 + 112 + 181 \\
 460 &:= 4^4 + 5^3 + 8^2 + 14^0 + 14^1 = 44 + 53 + 82 + 140 + 141
 \end{aligned}$$

2.2.362 Number 461

$$\begin{aligned}
 461 &:= 1^3 + 3^5 + 6^3 + 35^0 = 13 + 35 + 63 + 350 \\
 461 &:= 1^6 + 11^2 + 15^1 + 18^2 = 16 + 112 + 151 + 182 \\
 461 &:= 1^8 + 5^0 + 18^1 + 21^2 = 18 + 50 + 181 + 212 \\
 461 &:= 2^3 + 2^5 + 20^2 + 21^1 = 23 + 25 + 202 + 211 \\
 461 &:= 2^6 + 4^2 + 19^2 + 20^1 = 26 + 42 + 192 + 201 \\
 461 &:= 2^8 + 8^1 + 14^2 + 21^0 = 28 + 81 + 142 + 210 \\
 461 &:= 3^5 + 5^3 + 8^2 + 29^1 = 35 + 53 + 82 + 291 \\
 461 &:= 1^0 + 1^6 + 11^2 + 14^1 + 18^2 = 10 + 16 + 112 + 141 + 182 \\
 461 &:= 1^0 + 1^7 + 13^0 + 13^2 + 17^2 = 10 + 17 + 130 + 132 + 172 \\
 461 &:= 1^0 + 1^8 + 5^0 + 17^1 + 21^2 = 10 + 18 + 50 + 171 + 212 \\
 461 &:= 1^0 + 2^3 + 2^5 + 20^1 + 20^2 = 10 + 23 + 25 + 201 + 202 \\
 461 &:= 1^0 + 2^6 + 4^2 + 19^1 + 19^2 = 10 + 26 + 42 + 191 + 192 \\
 461 &:= 1^0 + 2^8 + 7^1 + 14^2 + 21^0 = 10 + 28 + 71 + 142 + 210 \\
 461 &:= 1^1 + 1^5 + 11^2 + 14^1 + 18^2 = 11 + 15 + 112 + 141 + 182 \\
 461 &:= 1^1 + 1^6 + 13^0 + 13^2 + 17^2 = 11 + 16 + 130 + 132 + 172 \\
 461 &:= 1^1 + 1^7 + 5^0 + 17^1 + 21^2 = 11 + 17 + 50 + 171 + 212 \\
 461 &:= 1^1 + 2^4 + 4^3 + 19^1 + 19^2 = 11 + 24 + 43 + 191 + 192 \\
 461 &:= 1^1 + 2^5 + 3^2 + 19^1 + 20^2 = 11 + 25 + 32 + 191 + 202 \\
 461 &:= 1^1 + 2^5 + 3^3 + 19^0 + 20^2 = 11 + 25 + 33 + 190 + 202 \\
 461 &:= 1^1 + 2^7 + 7^1 + 17^0 + 18^2 = 11 + 27 + 71 + 170 + 182 \\
 461 &:= 1^1 + 3^5 + 5^2 + 13^2 + 23^1 = 11 + 35 + 52 + 132 + 231 \\
 461 &:= 1^2 + 1^4 + 11^2 + 14^1 + 18^2 = 12 + 14 + 112 + 141 + 182 \\
 461 &:= 1^2 + 1^5 + 13^0 + 13^2 + 17^2 = 12 + 15 + 130 + 132 + 172 \\
 461 &:= 1^2 + 1^6 + 5^0 + 17^1 + 21^2 = 12 + 16 + 50 + 171 + 212 \\
 461 &:= 1^2 + 2^4 + 7^3 + 10^2 + 25^0 = 12 + 24 + 73 + 102 + 250
 \end{aligned}$$

$$\begin{aligned}
 461 &:= 1^2 + 3^3 + 5^3 + 17^2 + 19^1 = 12 + 33 + 53 + 172 + 191 \\
 461 &:= 1^2 + 3^3 + 6^3 + 14^2 + 21^1 = 12 + 33 + 63 + 142 + 211 \\
 461 &:= 1^2 + 3^3 + 7^3 + 8^2 + 26^1 = 12 + 33 + 73 + 82 + 261 \\
 461 &:= 1^2 + 3^4 + 13^2 + 14^1 + 14^2 = 12 + 34 + 132 + 141 + 142 \\
 461 &:= 1^3 + 1^3 + 11^2 + 14^1 + 18^2 = 13 + 13 + 112 + 141 + 182 \\
 461 &:= 1^3 + 1^4 + 13^0 + 13^2 + 17^2 = 13 + 14 + 130 + 132 + 172 \\
 461 &:= 1^3 + 1^5 + 5^0 + 17^1 + 21^2 = 13 + 15 + 50 + 171 + 212 \\
 461 &:= 1^3 + 2^3 + 6^2 + 16^1 + 20^2 = 13 + 23 + 62 + 161 + 202 \\
 461 &:= 1^3 + 3^3 + 12^1 + 14^2 + 15^2 = 13 + 33 + 121 + 142 + 152 \\
 461 &:= 1^3 + 3^3 + 4^2 + 17^1 + 20^2 = 13 + 33 + 42 + 171 + 202 \\
 461 &:= 1^3 + 3^5 + 7^0 + 14^2 + 20^1 = 13 + 35 + 70 + 142 + 201 \\
 461 &:= 1^3 + 5^3 + 8^2 + 15^1 + 16^2 = 13 + 53 + 82 + 151 + 162 \\
 461 &:= 1^4 + 1^4 + 5^0 + 17^1 + 21^2 = 14 + 14 + 50 + 171 + 212 \\
 461 &:= 1^4 + 2^1 + 2^4 + 19^0 + 21^2 = 14 + 21 + 24 + 190 + 212 \\
 461 &:= 1^4 + 2^2 + 9^2 + 14^1 + 19^2 = 14 + 22 + 92 + 141 + 192 \\
 461 &:= 1^4 + 3^2 + 6^2 + 15^1 + 20^2 = 14 + 32 + 62 + 151 + 202 \\
 461 &:= 1^4 + 3^4 + 5^0 + 17^1 + 19^2 = 14 + 34 + 50 + 171 + 192 \\
 461 &:= 1^4 + 4^2 + 11^1 + 12^2 + 17^2 = 14 + 42 + 111 + 122 + 172 \\
 461 &:= 1^4 + 4^2 + 7^3 + 10^2 + 23^0 = 14 + 42 + 73 + 102 + 230 \\
 461 &:= 1^4 + 4^4 + 7^1 + 14^2 + 19^0 = 14 + 44 + 71 + 142 + 190 \\
 461 &:= 1^4 + 5^0 + 6^3 + 6^3 + 27^1 = 14 + 50 + 63 + 63 + 271 \\
 461 &:= 1^4 + 5^2 + 10^1 + 13^2 + 16^2 = 14 + 52 + 101 + 132 + 162 \\
 461 &:= 1^4 + 5^2 + 10^2 + 11^1 + 18^2 = 14 + 52 + 102 + 111 + 182 \\
 461 &:= 1^4 + 9^1 + 9^2 + 9^2 + 17^2 = 14 + 91 + 92 + 92 + 172 \\
 461 &:= 1^5 + 2^1 + 11^2 + 13^1 + 18^2 = 15 + 21 + 112 + 131 + 182
 \end{aligned}$$

$$\begin{aligned} 461 &:= 1^5 + 2^3 + 10^1 + 11^0 + 21^2 = 15 + 23 + 101 + 110 + 212 \\ 461 &:= 1^5 + 3^1 + 11^2 + 12^1 + 18^2 = 15 + 31 + 112 + 121 + 182 \\ 461 &:= 1^5 + 3^2 + 11^0 + 15^2 + 15^2 = 15 + 32 + 110 + 152 + 152 \\ 461 &:= 1^5 + 3^2 + 3^2 + 17^0 + 21^2 = 15 + 32 + 32 + 170 + 212 \\ 461 &:= 1^5 + 4^1 + 11^1 + 11^2 + 18^2 = 15 + 41 + 111 + 112 + 182 \\ 461 &:= 1^5 + 5^0 + 6^3 + 15^2 + 18^1 = 15 + 50 + 63 + 152 + 181 \\ 461 &:= 1^5 + 5^1 + 10^1 + 11^2 + 18^2 = 15 + 51 + 101 + 112 + 182 \\ 461 &:= 1^5 + 5^3 + 10^1 + 11^0 + 18^2 = 15 + 53 + 101 + 110 + 182 \\ 461 &:= 1^5 + 6^1 + 9^1 + 11^2 + 18^2 = 15 + 61 + 91 + 112 + 182 \\ 461 &:= 1^5 + 7^0 + 11^2 + 13^2 + 13^2 = 15 + 70 + 112 + 132 + 132 \\ 461 &:= 1^5 + 7^1 + 8^1 + 11^2 + 18^2 = 15 + 71 + 81 + 112 + 182 \\ 461 &:= 1^5 + 7^2 + 7^2 + 11^0 + 19^2 = 15 + 72 + 72 + 110 + 192 \\ 461 &:= 1^5 + 7^2 + 9^0 + 11^2 + 17^2 = 15 + 72 + 90 + 112 + 172 \\ 461 &:= 1^5 + 7^3 + 10^2 + 11^0 + 16^1 = 15 + 73 + 102 + 110 + 161 \\ 461 &:= 1^6 + 2^1 + 4^2 + 17^0 + 21^2 = 16 + 21 + 42 + 170 + 212 \\ 461 &:= 1^6 + 2^2 + 7^0 + 14^1 + 21^2 = 16 + 22 + 70 + 141 + 212 \\ 461 &:= 1^6 + 3^2 + 9^1 + 11^0 + 21^2 = 16 + 32 + 91 + 110 + 212 \\ 461 &:= 1^6 + 5^0 + 9^1 + 15^2 + 15^2 = 16 + 50 + 91 + 152 + 152 \\ 461 &:= 1^6 + 7^0 + 7^1 + 14^2 + 16^2 = 16 + 70 + 71 + 142 + 162 \\ 461 &:= 1^6 + 7^0 + 7^2 + 10^1 + 20^2 = 16 + 70 + 72 + 101 + 202 \\ 461 &:= 1^7 + 2^0 + 12^0 + 13^2 + 17^2 = 17 + 20 + 120 + 132 + 172 \\ 461 &:= 1^7 + 2^1 + 5^0 + 16^1 + 21^2 = 17 + 21 + 50 + 161 + 212 \\ 461 &:= 1^7 + 3^0 + 11^0 + 13^2 + 17^2 = 17 + 30 + 110 + 132 + 172 \\ 461 &:= 1^7 + 3^1 + 5^0 + 15^1 + 21^2 = 17 + 31 + 50 + 151 + 212 \\ 461 &:= 1^7 + 4^0 + 10^0 + 13^2 + 17^2 = 17 + 40 + 100 + 132 + 172 \\ 461 &:= 1^7 + 4^1 + 5^0 + 14^1 + 21^2 = 17 + 41 + 50 + 141 + 212 \\ 461 &:= 1^7 + 5^0 + 5^1 + 13^1 + 21^2 = 17 + 50 + 51 + 131 + 212 \\ 461 &:= 1^7 + 5^0 + 6^1 + 12^1 + 21^2 = 17 + 50 + 61 + 121 + 212 \\ 461 &:= 1^7 + 5^0 + 7^1 + 11^1 + 21^2 = 17 + 50 + 71 + 111 + 212 \\ 461 &:= 1^7 + 5^0 + 8^1 + 10^1 + 21^2 = 17 + 50 + 81 + 101 + 212 \\ 461 &:= 1^7 + 5^0 + 9^0 + 13^2 + 17^2 = 17 + 50 + 90 + 132 + 172 \\ 461 &:= 1^7 + 5^0 + 9^1 + 9^1 + 21^2 = 17 + 50 + 91 + 91 + 212 \\ 461 &:= 1^7 + 6^0 + 8^0 + 13^2 + 17^2 = 17 + 60 + 80 + 132 + 172 \\ 461 &:= 1^7 + 7^0 + 7^0 + 13^2 + 17^2 = 17 + 70 + 70 + 132 + 172 \\ 461 &:= 1^8 + 1^9 + 12^0 + 13^2 + 17^2 = 18 + 19 + 120 + 132 + 172 \\ 461 &:= 1^8 + 2^0 + 4^0 + 17^1 + 21^2 = 18 + 20 + 40 + 171 + 212 \\ 461 &:= 1^8 + 3^0 + 3^0 + 17^1 + 21^2 = 18 + 30 + 30 + 171 + 212 \\ 461 &:= 1^9 + 1^9 + 4^0 + 17^1 + 21^2 = 19 + 19 + 40 + 171 + 212 \end{aligned}$$

$$\begin{aligned} 461 &:= 2^0 + 2^8 + 7^1 + 14^2 + 20^0 = 20 + 28 + 71 + 142 + 200 \\ 461 &:= 2^1 + 2^4 + 3^4 + 19^0 + 19^2 = 21 + 24 + 34 + 190 + 192 \\ 461 &:= 2^1 + 2^4 + 4^3 + 18^1 + 19^2 = 21 + 24 + 43 + 181 + 192 \\ 461 &:= 2^1 + 2^5 + 3^2 + 18^1 + 20^2 = 21 + 25 + 32 + 181 + 202 \\ 461 &:= 2^1 + 2^6 + 13^0 + 13^2 + 15^2 = 21 + 26 + 130 + 132 + 152 \\ 461 &:= 2^1 + 2^7 + 6^1 + 17^0 + 18^2 = 21 + 27 + 61 + 170 + 182 \\ 461 &:= 2^1 + 3^4 + 4^4 + 11^2 + 25^0 = 21 + 34 + 44 + 112 + 250 \\ 461 &:= 2^1 + 3^5 + 5^2 + 13^2 + 22^1 = 21 + 35 + 52 + 132 + 221 \\ 461 &:= 2^2 + 2^3 + 7^3 + 9^2 + 25^1 = 22 + 23 + 73 + 92 + 251 \\ 461 &:= 2^2 + 2^4 + 5^2 + 16^1 + 20^2 = 22 + 24 + 52 + 161 + 202 \\ 461 &:= 2^2 + 2^5 + 10^2 + 13^0 + 18^2 = 22 + 25 + 102 + 130 + 182 \\ 461 &:= 2^2 + 3^2 + 4^4 + 13^2 + 23^1 = 22 + 32 + 44 + 132 + 231 \\ 461 &:= 2^2 + 3^4 + 6^1 + 7^3 + 27^1 = 22 + 34 + 61 + 73 + 271 \\ 461 &:= 2^2 + 3^4 + 6^2 + 16^1 + 18^2 = 22 + 34 + 62 + 161 + 182 \\ 461 &:= 2^2 + 3^4 + 7^1 + 7^3 + 26^1 = 22 + 34 + 71 + 73 + 261 \\ 461 &:= 2^2 + 3^4 + 7^3 + 10^1 + 23^1 = 22 + 34 + 73 + 101 + 231 \\ 461 &:= 2^2 + 3^4 + 7^3 + 11^1 + 22^1 = 22 + 34 + 73 + 111 + 221 \\ 461 &:= 2^2 + 3^4 + 7^3 + 12^1 + 21^1 = 22 + 34 + 73 + 121 + 211 \\ 461 &:= 2^2 + 3^4 + 7^3 + 13^1 + 20^1 = 22 + 34 + 73 + 131 + 201 \\ 461 &:= 2^2 + 3^4 + 7^3 + 14^1 + 19^1 = 22 + 34 + 73 + 141 + 191 \\ 461 &:= 2^2 + 3^4 + 7^3 + 15^1 + 18^1 = 22 + 34 + 73 + 151 + 181 \\ 461 &:= 2^2 + 3^4 + 7^3 + 16^1 + 17^1 = 22 + 34 + 73 + 161 + 171 \\ 461 &:= 2^2 + 3^4 + 7^3 + 8^1 + 25^1 = 22 + 34 + 73 + 81 + 251 \\ 461 &:= 2^2 + 3^4 + 7^3 + 9^1 + 24^1 = 22 + 34 + 73 + 91 + 241 \\ 461 &:= 2^2 + 4^4 + 6^2 + 12^2 + 21^1 = 22 + 44 + 62 + 122 + 211 \\ 461 &:= 2^2 + 4^4 + 9^2 + 10^2 + 20^1 = 22 + 44 + 92 + 102 + 201 \\ 461 &:= 2^3 + 2^3 + 12^1 + 12^2 + 17^2 = 23 + 23 + 121 + 122 + 172 \\ 461 &:= 2^3 + 2^4 + 6^2 + 15^0 + 20^2 = 23 + 24 + 62 + 150 + 202 \\ 461 &:= 2^3 + 3^2 + 3^3 + 17^1 + 20^2 = 23 + 32 + 33 + 171 + 202 \\ 461 &:= 2^3 + 3^3 + 4^3 + 17^0 + 19^2 = 23 + 33 + 43 + 170 + 192 \\ 461 &:= 2^3 + 3^5 + 13^0 + 13^1 + 14^2 = 23 + 35 + 130 + 131 + 142 \\ 461 &:= 2^3 + 4^3 + 11^2 + 12^1 + 16^2 = 23 + 43 + 112 + 121 + 162 \\ 461 &:= 2^3 + 4^3 + 4^3 + 17^0 + 18^2 = 23 + 43 + 43 + 170 + 182 \\ 461 &:= 2^3 + 6^3 + 10^2 + 11^2 + 16^1 = 23 + 63 + 102 + 112 + 161 \\ 461 &:= 2^4 + 3^1 + 4^3 + 17^1 + 19^2 = 24 + 31 + 43 + 171 + 192 \\ 461 &:= 2^4 + 3^2 + 10^2 + 12^1 + 18^2 = 24 + 32 + 102 + 121 + 182 \\ 461 &:= 2^4 + 3^2 + 11^1 + 13^2 + 16^2 = 24 + 32 + 111 + 132 + 162 \\ 461 &:= 2^4 + 4^1 + 4^3 + 16^1 + 19^2 = 24 + 41 + 43 + 161 + 192 \end{aligned}$$

$$\begin{aligned} 461 &:= 2^4 + 4^3 + 10^1 + 10^1 + 19^2 = 24 + 43 + 101 + 101 + 192 \\ 461 &:= 2^4 + 4^3 + 5^1 + 15^1 + 19^2 = 24 + 43 + 51 + 151 + 192 \\ 461 &:= 2^4 + 4^3 + 6^1 + 14^1 + 19^2 = 24 + 43 + 61 + 141 + 192 \\ 461 &:= 2^4 + 4^3 + 7^1 + 13^1 + 19^2 = 24 + 43 + 71 + 131 + 192 \\ 461 &:= 2^4 + 4^3 + 8^1 + 12^1 + 19^2 = 24 + 43 + 81 + 121 + 192 \\ 461 &:= 2^4 + 4^3 + 9^1 + 11^1 + 19^2 = 24 + 43 + 91 + 111 + 192 \\ 461 &:= 2^4 + 4^4 + 7^0 + 13^2 + 19^1 = 24 + 44 + 70 + 132 + 191 \\ 461 &:= 2^4 + 5^2 + 10^1 + 11^2 + 17^2 = 24 + 52 + 101 + 112 + 172 \\ 461 &:= 2^4 + 6^2 + 6^2 + 12^1 + 19^2 = 24 + 62 + 62 + 121 + 192 \\ 461 &:= 2^4 + 6^2 + 9^1 + 12^2 + 16^2 = 24 + 62 + 91 + 122 + 162 \\ 461 &:= 2^4 + 6^3 + 6^3 + 12^1 + 19^0 = 24 + 63 + 63 + 121 + 190 \\ 461 &:= 2^4 + 7^1 + 10^2 + 13^2 + 13^2 = 24 + 71 + 102 + 132 + 132 \\ 461 &:= 2^4 + 7^1 + 11^2 + 11^2 + 14^2 = 24 + 71 + 112 + 112 + 142 \\ 461 &:= 2^4 + 8^1 + 9^2 + 10^2 + 16^2 = 24 + 81 + 92 + 102 + 162 \\ 461 &:= 2^5 + 3^1 + 3^2 + 17^1 + 20^2 = 25 + 31 + 32 + 171 + 202 \\ 461 &:= 2^5 + 3^1 + 4^3 + 17^0 + 19^2 = 25 + 31 + 43 + 170 + 192 \\ 461 &:= 2^5 + 3^2 + 10^1 + 10^1 + 20^2 = 25 + 32 + 101 + 101 + 202 \\ 461 &:= 2^5 + 3^2 + 4^1 + 16^1 + 20^2 = 25 + 32 + 41 + 161 + 202 \\ 461 &:= 2^5 + 3^2 + 5^1 + 15^1 + 20^2 = 25 + 32 + 51 + 151 + 202 \\ 461 &:= 2^5 + 3^2 + 6^1 + 14^1 + 20^2 = 25 + 32 + 61 + 141 + 202 \\ 461 &:= 2^5 + 3^2 + 7^1 + 13^1 + 20^2 = 25 + 32 + 71 + 131 + 202 \\ 461 &:= 2^5 + 3^2 + 8^1 + 12^1 + 20^2 = 25 + 32 + 81 + 121 + 202 \\ 461 &:= 2^5 + 3^2 + 9^1 + 11^1 + 20^2 = 25 + 32 + 91 + 111 + 202 \\ 461 &:= 2^5 + 4^1 + 7^3 + 9^2 + 23^0 = 25 + 41 + 73 + 92 + 230 \\ 461 &:= 2^5 + 5^3 + 7^0 + 14^1 + 17^2 = 25 + 53 + 70 + 141 + 172 \\ 461 &:= 2^5 + 6^2 + 9^0 + 14^2 + 14^2 = 25 + 62 + 90 + 142 + 142 \\ 461 &:= 2^5 + 6^3 + 7^0 + 14^2 + 16^1 = 25 + 63 + 70 + 142 + 161 \\ 461 &:= 2^5 + 7^0 + 7^3 + 8^2 + 21^1 = 25 + 70 + 73 + 82 + 211 \\ 461 &:= 2^6 + 4^1 + 11^0 + 14^2 + 14^2 = 26 + 41 + 110 + 142 + 142 \\ 461 &:= 2^6 + 5^2 + 9^0 + 10^1 + 19^2 = 26 + 52 + 90 + 101 + 192 \\ 461 &:= 2^6 + 7^1 + 9^0 + 10^2 + 17^2 = 26 + 71 + 90 + 102 + 172 \\ 461 &:= 2^6 + 8^1 + 8^2 + 9^0 + 18^2 = 26 + 81 + 82 + 90 + 182 \\ 461 &:= 2^7 + 3^1 + 5^1 + 17^0 + 18^2 = 27 + 31 + 51 + 170 + 182 \\ 461 &:= 2^7 + 4^1 + 4^1 + 17^0 + 18^2 = 27 + 41 + 41 + 170 + 182 \\ 461 &:= 2^8 + 3^0 + 7^1 + 14^2 + 19^0 = 28 + 30 + 71 + 142 + 190 \\ 461 &:= 2^8 + 4^0 + 7^1 + 14^2 + 18^0 = 28 + 40 + 71 + 142 + 180 \\ 461 &:= 2^8 + 5^0 + 7^1 + 14^2 + 17^0 = 28 + 50 + 71 + 142 + 170 \\ 461 &:= 2^8 + 6^0 + 7^1 + 14^2 + 16^0 = 28 + 60 + 71 + 142 + 160 \end{aligned}$$

$$\begin{aligned} 461 &:= 2^8 + 7^0 + 7^1 + 14^2 + 15^0 = 28 + 70 + 71 + 142 + 150 \\ 461 &:= 2^8 + 7^1 + 10^0 + 12^0 + 14^2 = 28 + 71 + 100 + 120 + 142 \\ 461 &:= 2^8 + 7^1 + 11^0 + 11^0 + 14^2 = 28 + 71 + 110 + 110 + 142 \\ 461 &:= 2^8 + 7^1 + 8^0 + 14^0 + 14^2 = 28 + 71 + 80 + 140 + 142 \\ 461 &:= 2^8 + 7^1 + 9^0 + 13^0 + 14^2 = 28 + 71 + 90 + 130 + 142 \\ 461 &:= 3^1 + 3^5 + 5^2 + 13^2 + 21^1 = 31 + 35 + 52 + 132 + 211 \\ 461 &:= 3^2 + 3^5 + 8^2 + 12^2 + 19^0 = 32 + 35 + 82 + 122 + 190 \\ 461 &:= 3^3 + 3^4 + 7^3 + 9^1 + 23^0 = 33 + 34 + 73 + 91 + 230 \\ 461 &:= 3^3 + 3^5 + 5^0 + 13^2 + 21^1 = 33 + 35 + 50 + 132 + 211 \\ 461 &:= 3^3 + 5^3 + 10^2 + 13^1 + 14^2 = 33 + 53 + 102 + 131 + 142 \\ 461 &:= 3^3 + 6^3 + 9^2 + 11^2 + 16^1 = 33 + 63 + 92 + 112 + 161 \\ 461 &:= 3^4 + 3^4 + 9^1 + 13^0 + 17^2 = 34 + 34 + 91 + 130 + 172 \\ 461 &:= 3^4 + 4^2 + 5^2 + 15^1 + 18^2 = 34 + 42 + 52 + 151 + 182 \\ 461 &:= 3^4 + 4^4 + 5^0 + 10^2 + 23^1 = 34 + 44 + 50 + 102 + 231 \\ 461 &:= 3^4 + 7^2 + 8^2 + 11^1 + 16^2 = 34 + 72 + 82 + 111 + 162 \\ 461 &:= 3^4 + 8^2 + 9^2 + 10^1 + 15^2 = 34 + 82 + 92 + 101 + 152 \\ 461 &:= 3^4 + 9^1 + 9^2 + 11^2 + 13^2 = 34 + 91 + 92 + 112 + 132 \\ 461 &:= 3^5 + 4^1 + 5^2 + 13^2 + 20^1 = 35 + 41 + 52 + 132 + 201 \\ 461 &:= 3^5 + 4^3 + 9^1 + 12^2 + 17^0 = 35 + 43 + 91 + 122 + 170 \\ 461 &:= 3^5 + 5^1 + 5^2 + 13^2 + 19^1 = 35 + 51 + 52 + 132 + 191 \\ 461 &:= 3^5 + 5^2 + 10^1 + 13^2 + 14^1 = 35 + 52 + 101 + 132 + 141 \\ 461 &:= 3^5 + 5^2 + 11^1 + 13^1 + 13^2 = 35 + 52 + 111 + 131 + 132 \\ 461 &:= 3^5 + 5^2 + 12^1 + 12^1 + 13^2 = 35 + 52 + 121 + 121 + 132 \\ 461 &:= 3^5 + 5^2 + 6^1 + 13^2 + 18^1 = 35 + 52 + 61 + 132 + 181 \\ 461 &:= 3^5 + 5^2 + 7^1 + 13^2 + 17^1 = 35 + 52 + 71 + 132 + 171 \\ 461 &:= 3^5 + 5^2 + 8^1 + 13^2 + 16^1 = 35 + 52 + 81 + 132 + 161 \\ 461 &:= 3^5 + 5^2 + 9^1 + 13^2 + 15^1 = 35 + 52 + 91 + 132 + 151 \\ 461 &:= 3^5 + 5^3 + 9^2 + 11^1 + 17^0 = 35 + 53 + 92 + 111 + 170 \\ 461 &:= 3^5 + 6^2 + 9^2 + 10^2 + 17^0 = 35 + 62 + 92 + 102 + 170 \\ 461 &:= 4^2 + 4^4 + 5^2 + 12^2 + 20^1 = 42 + 44 + 52 + 122 + 201 \\ 461 &:= 4^2 + 4^4 + 7^2 + 11^2 + 19^1 = 42 + 44 + 72 + 112 + 191 \\ 461 &:= 4^3 + 4^3 + 8^2 + 13^1 + 16^2 = 43 + 43 + 82 + 131 + 162 \\ 461 &:= 4^3 + 4^4 + 5^3 + 15^1 + 17^0 = 43 + 44 + 53 + 151 + 170 \\ 461 &:= 4^3 + 6^3 + 8^2 + 10^2 + 17^1 = 43 + 63 + 82 + 102 + 171 \\ 461 &:= 4^4 + 5^2 + 9^2 + 9^2 + 18^1 = 44 + 52 + 92 + 92 + 181 \\ 461 &:= 5^2 + 5^3 + 5^3 + 13^2 + 17^1 = 52 + 53 + 53 + 132 + 171 \\ 461 &:= 5^3 + 6^2 + 6^3 + 8^2 + 20^1 = 53 + 62 + 63 + 82 + 201 \end{aligned}$$

2.2.363 Number 462

$$\begin{aligned}
 462 &:= 1^9 + 4^0 + 19^1 + 21^2 = 19 + 40 + 191 + 212 \\
 462 &:= 2^8 + 3^2 + 14^2 + 26^0 = 28 + 32 + 142 + 260 \\
 462 &:= 2^8 + 6^2 + 13^2 + 24^0 = 28 + 62 + 132 + 240 \\
 462 &:= 1^0 + 1^9 + 4^0 + 18^1 + 21^2 = 10 + 19 + 40 + 181 + 212 \\
 462 &:= 1^0 + 2^3 + 2^7 + 18^2 + 22^0 = 10 + 23 + 27 + 182 + 220 \\
 462 &:= 1^1 + 1^8 + 4^0 + 18^1 + 21^2 = 11 + 18 + 40 + 181 + 212 \\
 462 &:= 1^1 + 2^8 + 8^1 + 14^2 + 20^0 = 11 + 28 + 81 + 142 + 200 \\
 462 &:= 1^2 + 1^7 + 4^0 + 18^1 + 21^2 = 12 + 17 + 40 + 181 + 212 \\
 462 &:= 1^2 + 2^7 + 8^1 + 16^0 + 18^2 = 12 + 27 + 81 + 160 + 182 \\
 462 &:= 1^3 + 1^6 + 4^0 + 18^1 + 21^2 = 13 + 16 + 40 + 181 + 212 \\
 462 &:= 1^3 + 2^3 + 4^4 + 14^2 + 24^0 = 13 + 23 + 44 + 142 + 240 \\
 462 &:= 1^4 + 1^5 + 4^0 + 18^1 + 21^2 = 14 + 15 + 40 + 181 + 212 \\
 462 &:= 1^4 + 3^5 + 6^0 + 14^2 + 21^1 = 14 + 35 + 60 + 142 + 211 \\
 462 &:= 1^4 + 3^5 + 6^3 + 10^0 + 25^0 = 14 + 35 + 63 + 100 + 250 \\
 462 &:= 1^4 + 3^5 + 6^3 + 11^0 + 24^0 = 14 + 35 + 63 + 110 + 240 \\
 462 &:= 1^4 + 3^5 + 6^3 + 12^0 + 23^0 = 14 + 35 + 63 + 120 + 230 \\
 462 &:= 1^4 + 3^5 + 6^3 + 13^0 + 22^0 = 14 + 35 + 63 + 130 + 220 \\
 462 &:= 1^4 + 3^5 + 6^3 + 14^0 + 21^0 = 14 + 35 + 63 + 140 + 210 \\
 462 &:= 1^4 + 3^5 + 6^3 + 15^0 + 20^0 = 14 + 35 + 63 + 150 + 200 \\
 462 &:= 1^4 + 3^5 + 6^3 + 16^0 + 19^0 = 14 + 35 + 63 + 160 + 190 \\
 462 &:= 1^4 + 3^5 + 6^3 + 17^0 + 18^0 = 14 + 35 + 63 + 170 + 180 \\
 462 &:= 1^4 + 3^5 + 6^3 + 8^0 + 27^0 = 14 + 35 + 63 + 80 + 270 \\
 462 &:= 1^4 + 3^5 + 6^3 + 9^0 + 26^0 = 14 + 35 + 63 + 90 + 260 \\
 462 &:= 1^5 + 2^3 + 12^0 + 14^2 + 16^2 = 15 + 23 + 120 + 142 + 162 \\
 462 &:= 1^5 + 2^4 + 3^1 + 18^0 + 21^2 = 15 + 24 + 31 + 180 + 212 \\
 462 &:= 1^5 + 3^3 + 12^0 + 12^2 + 17^2 = 15 + 33 + 120 + 122 + 172 \\
 462 &:= 1^5 + 3^4 + 4^0 + 18^1 + 19^2 = 15 + 34 + 40 + 181 + 192 \\
 462 &:= 1^5 + 4^4 + 8^1 + 14^2 + 18^0 = 15 + 44 + 81 + 142 + 180 \\
 462 &:= 1^5 + 6^2 + 7^3 + 9^2 + 22^0 = 15 + 62 + 73 + 92 + 220 \\
 462 &:= 1^5 + 6^3 + 10^2 + 12^2 + 16^0 = 15 + 63 + 102 + 122 + 160 \\
 462 &:= 1^6 + 2^3 + 10^0 + 11^1 + 21^2 = 16 + 23 + 100 + 111 + 212 \\
 462 &:= 1^6 + 4^0 + 6^3 + 15^2 + 19^1 = 16 + 40 + 63 + 152 + 191 \\
 462 &:= 1^6 + 5^3 + 10^0 + 11^1 + 18^2 = 16 + 53 + 100 + 111 + 182 \\
 462 &:= 1^6 + 6^2 + 10^0 + 10^2 + 18^2 = 16 + 62 + 100 + 102 + 182 \\
 462 &:= 1^6 + 7^3 + 10^0 + 10^2 + 17^1 = 16 + 73 + 100 + 102 + 171 \\
 462 &:= 1^7 + 2^1 + 12^0 + 13^2 + 17^2 = 17 + 21 + 120 + 132 + 172
 \end{aligned}$$

$$\begin{aligned}
 462 &:= 1^7 + 2^2 + 6^0 + 15^1 + 21^2 = 17 + 22 + 60 + 151 + 212 \\
 462 &:= 1^7 + 3^1 + 4^2 + 16^0 + 21^2 = 17 + 31 + 42 + 160 + 212 \\
 462 &:= 1^7 + 3^2 + 10^0 + 10^1 + 21^2 = 17 + 32 + 100 + 101 + 212 \\
 462 &:= 1^7 + 4^0 + 10^1 + 15^2 + 15^2 = 17 + 40 + 101 + 152 + 152 \\
 462 &:= 1^7 + 6^0 + 7^2 + 11^1 + 20^2 = 17 + 60 + 72 + 111 + 202 \\
 462 &:= 1^7 + 6^0 + 8^1 + 14^2 + 16^2 = 17 + 60 + 81 + 142 + 162 \\
 462 &:= 1^8 + 2^1 + 4^0 + 17^1 + 21^2 = 18 + 21 + 40 + 171 + 212 \\
 462 &:= 1^8 + 3^1 + 4^0 + 16^1 + 21^2 = 18 + 31 + 40 + 161 + 212 \\
 462 &:= 1^8 + 4^0 + 4^1 + 15^1 + 21^2 = 18 + 40 + 41 + 151 + 212 \\
 462 &:= 1^8 + 4^0 + 5^1 + 14^1 + 21^2 = 18 + 40 + 51 + 141 + 212 \\
 462 &:= 1^8 + 4^0 + 6^1 + 13^1 + 21^2 = 18 + 40 + 61 + 131 + 212 \\
 462 &:= 1^8 + 4^0 + 7^1 + 12^1 + 21^2 = 18 + 40 + 71 + 121 + 212 \\
 462 &:= 1^8 + 4^0 + 8^1 + 11^1 + 21^2 = 18 + 40 + 81 + 111 + 212 \\
 462 &:= 1^8 + 4^0 + 9^1 + 10^1 + 21^2 = 18 + 40 + 91 + 101 + 212 \\
 462 &:= 1^9 + 2^0 + 3^0 + 18^1 + 21^2 = 19 + 20 + 30 + 181 + 212 \\
 462 &:= 1^9 + 2^3 + 2^8 + 14^2 + 25^0 = 19 + 23 + 28 + 142 + 250 \\
 462 &:= 1^9 + 2^4 + 2^6 + 19^2 + 20^1 = 19 + 24 + 26 + 192 + 201 \\
 462 &:= 2^0 + 2^3 + 2^7 + 18^2 + 21^0 = 20 + 23 + 27 + 182 + 210 \\
 462 &:= 2^0 + 2^7 + 11^2 + 14^2 + 16^1 = 20 + 27 + 112 + 142 + 161 \\
 462 &:= 2^0 + 2^7 + 5^2 + 17^2 + 19^1 = 20 + 27 + 52 + 172 + 191 \\
 462 &:= 2^1 + 2^8 + 7^1 + 14^2 + 20^0 = 21 + 28 + 71 + 142 + 200 \\
 462 &:= 2^2 + 2^5 + 4^3 + 18^0 + 19^2 = 22 + 25 + 43 + 180 + 192 \\
 462 &:= 2^2 + 2^7 + 5^1 + 18^0 + 18^2 = 22 + 27 + 51 + 180 + 182 \\
 462 &:= 2^3 + 2^5 + 12^0 + 14^2 + 15^2 = 23 + 25 + 120 + 142 + 152 \\
 462 &:= 2^3 + 2^7 + 10^0 + 13^0 + 18^2 = 23 + 27 + 100 + 130 + 182 \\
 462 &:= 2^3 + 2^7 + 11^0 + 12^0 + 18^2 = 23 + 27 + 110 + 120 + 182 \\
 462 &:= 2^3 + 2^7 + 3^0 + 18^2 + 20^0 = 23 + 27 + 30 + 182 + 200 \\
 462 &:= 2^3 + 2^7 + 4^0 + 18^2 + 19^0 = 23 + 27 + 40 + 182 + 190 \\
 462 &:= 2^3 + 2^7 + 5^0 + 18^0 + 18^2 = 23 + 27 + 50 + 180 + 182 \\
 462 &:= 2^3 + 2^7 + 6^0 + 17^0 + 18^2 = 23 + 27 + 60 + 170 + 182 \\
 462 &:= 2^3 + 2^7 + 7^0 + 16^0 + 18^2 = 23 + 27 + 70 + 160 + 182 \\
 462 &:= 2^3 + 2^7 + 8^0 + 15^0 + 18^2 = 23 + 27 + 80 + 150 + 182 \\
 462 &:= 2^3 + 2^7 + 9^0 + 14^0 + 18^2 = 23 + 27 + 90 + 140 + 182 \\
 462 &:= 2^4 + 2^5 + 8^0 + 13^1 + 20^2 = 24 + 25 + 80 + 131 + 202 \\
 462 &:= 2^4 + 3^4 + 7^3 + 12^0 + 21^1 = 24 + 34 + 73 + 120 + 211 \\
 462 &:= 2^4 + 3^5 + 6^1 + 14^2 + 20^0 = 24 + 35 + 61 + 142 + 200
 \end{aligned}$$

$$\begin{aligned}
 462 &:= 2^4 + 4^3 + 5^3 + 16^2 + 18^0 = 24 + 43 + 53 + 162 + 180 \\
 462 &:= 2^5 + 4^1 + 4^4 + 13^2 + 22^0 = 25 + 41 + 44 + 132 + 220 \\
 462 &:= 2^5 + 4^3 + 12^0 + 13^2 + 14^2 = 25 + 43 + 120 + 132 + 142 \\
 462 &:= 2^5 + 4^3 + 7^3 + 10^0 + 22^1 = 25 + 43 + 73 + 100 + 221 \\
 462 &:= 2^6 + 2^7 + 2^8 + 13^1 + 25^0 = 26 + 27 + 28 + 131 + 250 \\
 462 &:= 2^6 + 3^2 + 8^2 + 14^0 + 18^2 = 26 + 32 + 82 + 140 + 182 \\
 462 &:= 2^6 + 3^3 + 9^1 + 12^0 + 19^2 = 26 + 33 + 91 + 120 + 192 \\
 462 &:= 2^6 + 4^3 + 9^1 + 12^0 + 18^2 = 26 + 43 + 91 + 120 + 182 \\
 462 &:= 2^6 + 5^1 + 7^2 + 7^3 + 24^0 = 26 + 51 + 72 + 73 + 240 \\
 462 &:= 2^6 + 5^3 + 6^0 + 16^1 + 16^2 = 26 + 53 + 60 + 161 + 162 \\
 462 &:= 2^6 + 6^2 + 7^3 + 12^0 + 18^1 = 26 + 62 + 73 + 120 + 181
 \end{aligned}$$

$$\begin{aligned}
 462 &:= 2^6 + 6^3 + 12^0 + 12^1 + 13^2 = 26 + 63 + 120 + 121 + 132 \\
 462 &:= 2^7 + 6^0 + 8^2 + 13^1 + 16^2 = 27 + 60 + 82 + 131 + 162 \\
 462 &:= 2^7 + 6^2 + 8^1 + 12^0 + 17^2 = 27 + 62 + 81 + 120 + 172 \\
 462 &:= 2^7 + 8^1 + 10^0 + 10^2 + 15^2 = 27 + 81 + 100 + 102 + 152 \\
 462 &:= 2^8 + 3^1 + 6^1 + 14^2 + 20^0 = 28 + 31 + 61 + 142 + 200 \\
 462 &:= 2^8 + 4^1 + 5^1 + 14^2 + 20^0 = 28 + 41 + 51 + 142 + 200 \\
 462 &:= 3^3 + 3^4 + 4^3 + 17^2 + 18^0 = 33 + 34 + 43 + 172 + 180 \\
 462 &:= 3^4 + 3^5 + 11^2 + 12^0 + 16^1 = 34 + 35 + 112 + 120 + 161 \\
 462 &:= 3^4 + 4^3 + 6^3 + 10^2 + 22^0 = 34 + 43 + 63 + 102 + 220
 \end{aligned}$$

2.2.364 Number 463

$$\begin{aligned}
 463 &:= 4^0 + 21^1 + 21^2 = 40 + 211 + 212 \\
 463 &:= 1^0 + 4^0 + 20^1 + 21^2 = 10 + 40 + 201 + 212 \\
 463 &:= 1^9 + 10^2 + 15^0 + 19^2 = 19 + 102 + 150 + 192 \\
 463 &:= 2^0 + 3^0 + 20^1 + 21^2 = 20 + 30 + 201 + 212 \\
 463 &:= 2^4 + 2^6 + 19^2 + 22^1 = 24 + 26 + 192 + 221 \\
 463 &:= 2^8 + 5^3 + 9^2 + 29^0 = 28 + 53 + 92 + 290 \\
 463 &:= 1^0 + 1^0 + 4^0 + 19^1 + 21^2 = 10 + 10 + 40 + 191 + 212 \\
 463 &:= 1^0 + 2^0 + 3^0 + 19^1 + 21^2 = 10 + 20 + 30 + 191 + 212 \\
 463 &:= 1^0 + 2^4 + 2^6 + 19^2 + 21^1 = 10 + 24 + 26 + 192 + 211 \\
 463 &:= 1^1 + 1^9 + 3^0 + 19^1 + 21^2 = 11 + 19 + 30 + 191 + 212 \\
 463 &:= 1^1 + 2^7 + 11^2 + 14^2 + 17^1 = 11 + 27 + 112 + 142 + 171 \\
 463 &:= 1^1 + 2^7 + 5^2 + 17^2 + 20^1 = 11 + 27 + 52 + 172 + 201 \\
 463 &:= 1^1 + 2^8 + 3^2 + 14^2 + 25^0 = 11 + 28 + 32 + 142 + 250 \\
 463 &:= 1^1 + 2^8 + 6^2 + 13^2 + 23^0 = 11 + 28 + 62 + 132 + 230 \\
 463 &:= 1^2 + 1^8 + 3^0 + 19^1 + 21^2 = 12 + 18 + 30 + 191 + 212 \\
 463 &:= 1^2 + 2^7 + 3^2 + 18^2 + 21^0 = 12 + 27 + 32 + 182 + 210 \\
 463 &:= 1^2 + 2^8 + 9^1 + 14^2 + 19^0 = 12 + 28 + 91 + 142 + 190 \\
 463 &:= 1^3 + 1^7 + 3^0 + 19^1 + 21^2 = 13 + 17 + 30 + 191 + 212 \\
 463 &:= 1^3 + 2^4 + 3^3 + 19^1 + 20^2 = 13 + 24 + 33 + 191 + 202 \\
 463 &:= 1^3 + 2^6 + 6^2 + 17^0 + 19^2 = 13 + 26 + 62 + 170 + 192 \\
 463 &:= 1^3 + 2^7 + 9^1 + 15^0 + 18^2 = 13 + 27 + 91 + 150 + 182 \\
 463 &:= 1^4 + 1^6 + 3^0 + 19^1 + 21^2 = 14 + 16 + 30 + 191 + 212 \\
 463 &:= 1^4 + 2^4 + 12^2 + 13^1 + 17^2 = 14 + 24 + 122 + 131 + 172 \\
 463 &:= 1^4 + 3^5 + 7^2 + 13^2 + 21^0 = 14 + 35 + 72 + 132 + 210 \\
 463 &:= 1^4 + 4^4 + 8^2 + 11^2 + 21^1 = 14 + 44 + 82 + 112 + 211
 \end{aligned}$$

$$\begin{aligned}
 463 &:= 1^5 + 1^5 + 3^0 + 19^1 + 21^2 = 15 + 15 + 30 + 191 + 212 \\
 463 &:= 1^5 + 2^2 + 2^4 + 19^0 + 21^2 = 15 + 22 + 24 + 190 + 212 \\
 463 &:= 1^5 + 2^4 + 11^2 + 13^0 + 18^2 = 15 + 24 + 112 + 130 + 182 \\
 463 &:= 1^5 + 3^2 + 4^4 + 14^2 + 23^0 = 15 + 32 + 44 + 142 + 230 \\
 463 &:= 1^5 + 3^5 + 5^0 + 14^2 + 22^1 = 15 + 35 + 50 + 142 + 221 \\
 463 &:= 1^5 + 4^4 + 6^2 + 13^2 + 21^0 = 15 + 44 + 62 + 132 + 210 \\
 463 &:= 1^6 + 2^2 + 11^2 + 13^1 + 18^2 = 16 + 22 + 112 + 131 + 182 \\
 463 &:= 1^6 + 2^4 + 4^1 + 17^0 + 21^2 = 16 + 24 + 41 + 170 + 212 \\
 463 &:= 1^6 + 3^0 + 3^4 + 19^1 + 19^2 = 16 + 30 + 34 + 191 + 192 \\
 463 &:= 1^6 + 4^3 + 6^2 + 15^0 + 19^2 = 16 + 43 + 62 + 150 + 192 \\
 463 &:= 1^6 + 4^4 + 9^1 + 14^2 + 17^0 = 16 + 44 + 91 + 142 + 170 \\
 463 &:= 1^6 + 5^2 + 8^2 + 12^1 + 19^2 = 16 + 52 + 82 + 121 + 192 \\
 463 &:= 1^6 + 6^3 + 7^2 + 14^2 + 17^0 = 16 + 63 + 72 + 142 + 170 \\
 463 &:= 1^6 + 8^2 + 8^2 + 10^1 + 18^2 = 16 + 82 + 82 + 101 + 182 \\
 463 &:= 1^6 + 8^2 + 9^1 + 10^2 + 17^2 = 16 + 82 + 91 + 102 + 172 \\
 463 &:= 1^7 + 2^2 + 4^2 + 17^0 + 21^2 = 17 + 22 + 42 + 170 + 212 \\
 463 &:= 1^7 + 2^3 + 9^0 + 12^1 + 21^2 = 17 + 23 + 90 + 121 + 212 \\
 463 &:= 1^7 + 3^0 + 6^3 + 15^2 + 20^1 = 17 + 30 + 63 + 152 + 201 \\
 463 &:= 1^7 + 3^2 + 11^0 + 14^2 + 16^2 = 17 + 32 + 110 + 142 + 162 \\
 463 &:= 1^7 + 4^2 + 11^0 + 11^2 + 18^2 = 17 + 42 + 110 + 112 + 182 \\
 463 &:= 1^7 + 5^2 + 6^2 + 13^0 + 20^2 = 17 + 52 + 62 + 130 + 202 \\
 463 &:= 1^7 + 5^3 + 9^0 + 12^1 + 18^2 = 17 + 53 + 90 + 121 + 182 \\
 463 &:= 1^7 + 6^2 + 8^2 + 11^0 + 19^2 = 17 + 62 + 82 + 110 + 192 \\
 463 &:= 1^7 + 6^2 + 9^0 + 13^2 + 16^2 = 17 + 62 + 90 + 132 + 162 \\
 463 &:= 1^7 + 7^0 + 11^2 + 12^2 + 14^2 = 17 + 70 + 112 + 122 + 142
 \end{aligned}$$

$$\begin{aligned} 463 &:= 1^7 + 7^3 + 9^0 + 10^2 + 18^1 = 17 + 73 + 90 + 102 + 181 \\ 463 &:= 1^8 + 2^2 + 5^0 + 16^1 + 21^2 = 18 + 22 + 50 + 161 + 212 \\ 463 &:= 1^8 + 3^0 + 11^1 + 15^2 + 15^2 = 18 + 30 + 111 + 152 + 152 \\ 463 &:= 1^8 + 3^1 + 11^0 + 13^2 + 17^2 = 18 + 31 + 110 + 132 + 172 \\ 463 &:= 1^8 + 3^2 + 9^0 + 11^1 + 21^2 = 18 + 32 + 90 + 111 + 212 \\ 463 &:= 1^8 + 4^1 + 4^2 + 15^0 + 21^2 = 18 + 41 + 42 + 150 + 212 \\ 463 &:= 1^8 + 5^0 + 7^2 + 12^1 + 20^2 = 18 + 50 + 72 + 121 + 202 \\ 463 &:= 1^8 + 5^0 + 9^1 + 14^2 + 16^2 = 18 + 50 + 91 + 142 + 162 \\ 463 &:= 1^9 + 2^1 + 3^0 + 18^1 + 21^2 = 19 + 21 + 30 + 181 + 212 \\ 463 &:= 1^9 + 3^0 + 10^1 + 10^1 + 21^2 = 19 + 30 + 101 + 101 + 212 \\ 463 &:= 1^9 + 3^0 + 3^1 + 17^1 + 21^2 = 19 + 30 + 31 + 171 + 212 \\ 463 &:= 1^9 + 3^0 + 4^1 + 16^1 + 21^2 = 19 + 30 + 41 + 161 + 212 \\ 463 &:= 1^9 + 3^0 + 5^1 + 15^1 + 21^2 = 19 + 30 + 51 + 151 + 212 \\ 463 &:= 1^9 + 3^0 + 6^1 + 14^1 + 21^2 = 19 + 30 + 61 + 141 + 212 \\ 463 &:= 1^9 + 3^0 + 7^1 + 13^1 + 21^2 = 19 + 30 + 71 + 131 + 212 \\ 463 &:= 1^9 + 3^0 + 8^1 + 12^1 + 21^2 = 19 + 30 + 81 + 121 + 212 \\ 463 &:= 1^9 + 3^0 + 9^1 + 11^1 + 21^2 = 19 + 30 + 91 + 111 + 212 \\ 463 &:= 2^0 + 2^0 + 2^0 + 19^1 + 21^2 = 20 + 20 + 20 + 191 + 212 \\ 463 &:= 2^1 + 2^3 + 2^7 + 18^2 + 21^0 = 21 + 23 + 27 + 182 + 210 \\ 463 &:= 2^1 + 2^7 + 11^2 + 14^2 + 16^1 = 21 + 27 + 112 + 142 + 161 \\ 463 &:= 2^1 + 2^7 + 5^2 + 17^2 + 19^1 = 21 + 27 + 52 + 172 + 191 \\ 463 &:= 2^2 + 2^3 + 2^5 + 19^1 + 20^2 = 22 + 23 + 25 + 191 + 202 \\ 463 &:= 2^2 + 2^6 + 4^2 + 18^1 + 19^2 = 22 + 26 + 42 + 181 + 192 \\ 463 &:= 2^2 + 2^8 + 6^1 + 14^2 + 21^0 = 22 + 28 + 61 + 142 + 210 \\ 463 &:= 2^2 + 3^5 + 5^3 + 8^2 + 27^1 = 22 + 35 + 53 + 82 + 271 \\ 463 &:= 2^3 + 2^5 + 11^2 + 13^1 + 17^2 = 23 + 25 + 112 + 131 + 172 \\ 463 &:= 2^4 + 3^4 + 5^2 + 17^1 + 18^2 = 24 + 34 + 52 + 171 + 182 \\ 463 &:= 2^4 + 4^4 + 5^2 + 12^2 + 22^1 = 24 + 44 + 52 + 122 + 221 \\ 463 &:= 2^4 + 4^4 + 7^2 + 11^2 + 21^1 = 24 + 44 + 72 + 112 + 211 \\ 463 &:= 2^5 + 3^3 + 12^1 + 14^2 + 14^2 = 25 + 33 + 121 + 142 + 142 \\ 463 &:= 2^5 + 3^4 + 5^2 + 17^0 + 18^2 = 25 + 34 + 52 + 170 + 182 \\ 463 &:= 2^5 + 3^4 + 6^1 + 7^3 + 27^0 = 25 + 34 + 61 + 73 + 270 \\ 463 &:= 2^5 + 3^5 + 9^0 + 13^2 + 18^1 = 25 + 35 + 90 + 132 + 181 \\ 463 &:= 2^5 + 4^3 + 8^2 + 14^1 + 17^2 = 25 + 43 + 82 + 141 + 172 \\ 463 &:= 2^6 + 3^2 + 11^2 + 13^1 + 16^2 = 26 + 32 + 112 + 131 + 162 \\ 463 &:= 2^6 + 4^1 + 5^2 + 7^3 + 27^1 = 26 + 41 + 52 + 73 + 271 \\ 463 &:= 2^6 + 4^2 + 9^2 + 13^1 + 17^2 = 26 + 42 + 92 + 131 + 172 \\ 463 &:= 2^6 + 4^4 + 7^0 + 11^2 + 21^1 = 26 + 44 + 70 + 112 + 211 \end{aligned}$$

$$\begin{aligned} 463 &:= 2^6 + 5^1 + 5^2 + 7^3 + 26^1 = 26 + 51 + 52 + 73 + 261 \\ 463 &:= 2^6 + 5^2 + 6^1 + 7^3 + 25^1 = 26 + 52 + 61 + 73 + 251 \\ 463 &:= 2^6 + 5^2 + 6^2 + 14^1 + 18^2 = 26 + 52 + 62 + 141 + 182 \\ 463 &:= 2^6 + 5^2 + 7^1 + 7^3 + 24^1 = 26 + 52 + 71 + 73 + 241 \\ 463 &:= 2^6 + 5^2 + 7^3 + 10^1 + 21^1 = 26 + 52 + 73 + 101 + 211 \\ 463 &:= 2^6 + 5^2 + 7^3 + 11^1 + 20^1 = 26 + 52 + 73 + 111 + 201 \\ 463 &:= 2^6 + 5^2 + 7^3 + 12^1 + 19^1 = 26 + 52 + 73 + 121 + 191 \\ 463 &:= 2^6 + 5^2 + 7^3 + 13^1 + 18^1 = 26 + 52 + 73 + 131 + 181 \\ 463 &:= 2^6 + 5^2 + 7^3 + 14^1 + 17^1 = 26 + 52 + 73 + 141 + 171 \\ 463 &:= 2^6 + 5^2 + 7^3 + 15^1 + 16^1 = 26 + 52 + 73 + 151 + 161 \\ 463 &:= 2^6 + 5^2 + 7^3 + 8^1 + 23^1 = 26 + 52 + 73 + 81 + 231 \\ 463 &:= 2^6 + 5^2 + 7^3 + 9^1 + 22^1 = 26 + 52 + 73 + 91 + 221 \\ 463 &:= 2^6 + 7^2 + 10^1 + 12^2 + 14^2 = 26 + 72 + 101 + 122 + 142 \\ 463 &:= 2^6 + 7^2 + 7^2 + 12^1 + 17^2 = 26 + 72 + 72 + 121 + 172 \\ 463 &:= 2^6 + 8^2 + 10^1 + 10^2 + 15^2 = 26 + 82 + 101 + 102 + 152 \\ 463 &:= 2^6 + 9^1 + 10^2 + 11^2 + 13^2 = 26 + 91 + 102 + 112 + 132 \\ 463 &:= 2^7 + 3^1 + 11^2 + 14^2 + 15^1 = 27 + 31 + 112 + 142 + 151 \\ 463 &:= 2^7 + 3^1 + 5^2 + 17^2 + 18^1 = 27 + 31 + 52 + 172 + 181 \\ 463 &:= 2^7 + 3^2 + 10^2 + 15^0 + 15^2 = 27 + 32 + 102 + 150 + 152 \\ 463 &:= 2^7 + 3^2 + 6^2 + 17^0 + 17^2 = 27 + 32 + 62 + 170 + 172 \\ 463 &:= 2^7 + 3^3 + 5^0 + 17^2 + 18^1 = 27 + 33 + 50 + 172 + 181 \\ 463 &:= 2^7 + 4^1 + 11^2 + 14^1 + 14^2 = 27 + 41 + 112 + 141 + 142 \\ 463 &:= 2^7 + 4^1 + 5^2 + 17^1 + 17^2 = 27 + 41 + 52 + 171 + 172 \\ 463 &:= 2^7 + 4^3 + 9^0 + 14^1 + 16^2 = 27 + 43 + 90 + 141 + 162 \\ 463 &:= 2^7 + 5^1 + 11^2 + 13^1 + 14^2 = 27 + 51 + 112 + 131 + 142 \\ 463 &:= 2^7 + 5^1 + 5^2 + 16^1 + 17^2 = 27 + 51 + 52 + 161 + 172 \\ 463 &:= 2^7 + 5^2 + 10^1 + 11^1 + 17^2 = 27 + 52 + 101 + 111 + 172 \\ 463 &:= 2^7 + 5^2 + 6^1 + 15^1 + 17^2 = 27 + 52 + 61 + 151 + 172 \\ 463 &:= 2^7 + 5^2 + 7^1 + 14^1 + 17^2 = 27 + 52 + 71 + 141 + 172 \\ 463 &:= 2^7 + 5^2 + 8^1 + 13^1 + 17^2 = 27 + 52 + 81 + 131 + 172 \\ 463 &:= 2^7 + 5^2 + 9^1 + 12^1 + 17^2 = 27 + 52 + 91 + 121 + 172 \\ 463 &:= 2^7 + 5^3 + 11^0 + 13^1 + 14^2 = 27 + 53 + 110 + 131 + 142 \\ 463 &:= 2^7 + 6^1 + 11^2 + 12^1 + 14^2 = 27 + 61 + 112 + 121 + 142 \\ 463 &:= 2^7 + 6^3 + 9^0 + 10^2 + 18^1 = 27 + 63 + 90 + 102 + 181 \\ 463 &:= 2^7 + 7^1 + 11^1 + 11^2 + 14^2 = 27 + 71 + 111 + 112 + 142 \\ 463 &:= 2^7 + 8^1 + 10^1 + 11^2 + 14^2 = 27 + 81 + 101 + 112 + 142 \\ 463 &:= 2^7 + 9^1 + 9^1 + 11^2 + 14^2 = 27 + 91 + 91 + 112 + 142 \\ 463 &:= 2^8 + 3^0 + 8^2 + 11^2 + 21^1 = 28 + 30 + 82 + 112 + 211 \end{aligned}$$

$$463 := 2^8 + 4^1 + 9^2 + 11^2 + 19^0 = 28 + 41 + 92 + 112 + 190$$

$$463 := 2^8 + 4^2 + 5^0 + 13^2 + 21^1 = 28 + 42 + 50 + 132 + 211$$

$$463 := 2^8 + 5^2 + 12^1 + 13^0 + 13^2 = 28 + 52 + 121 + 130 + 132$$

$$463 := 2^8 + 6^1 + 10^2 + 10^2 + 17^0 = 28 + 61 + 102 + 102 + 170$$

$$463 := 2^8 + 7^2 + 11^0 + 12^2 + 13^1 = 28 + 72 + 110 + 122 + 131$$

$$463 := 3^4 + 3^5 + 5^3 + 13^1 + 21^0 = 34 + 35 + 53 + 131 + 210$$

2.2.365 Number 464

$$464 := 1^1 + 3^0 + 21^1 + 21^2 = 11 + 30 + 211 + 212$$

$$464 := 2^1 + 3^0 + 20^1 + 21^2 = 21 + 30 + 201 + 212$$

$$464 := 3^0 + 10^1 + 12^1 + 21^2 = 30 + 101 + 121 + 212$$

$$464 := 3^0 + 11^1 + 11^1 + 21^2 = 30 + 111 + 111 + 212$$

$$464 := 3^0 + 3^1 + 19^1 + 21^2 = 30 + 31 + 191 + 212$$

$$464 := 3^0 + 4^1 + 18^1 + 21^2 = 30 + 41 + 181 + 212$$

$$464 := 3^0 + 5^1 + 17^1 + 21^2 = 30 + 51 + 171 + 212$$

$$464 := 3^0 + 6^1 + 16^1 + 21^2 = 30 + 61 + 161 + 212$$

$$464 := 3^0 + 7^1 + 15^1 + 21^2 = 30 + 71 + 151 + 212$$

$$464 := 3^0 + 8^1 + 14^1 + 21^2 = 30 + 81 + 141 + 212$$

$$464 := 3^0 + 9^1 + 13^1 + 21^2 = 30 + 91 + 131 + 212$$

$$464 := 1^0 + 1^0 + 10^2 + 15^0 + 19^2 = 10 + 10 + 102 + 150 + 192$$

$$464 := 1^0 + 1^1 + 3^0 + 20^1 + 21^2 = 10 + 11 + 30 + 201 + 212$$

$$464 := 1^0 + 2^0 + 10^2 + 14^0 + 19^2 = 10 + 20 + 102 + 140 + 192$$

$$464 := 1^0 + 2^1 + 3^0 + 19^1 + 21^2 = 10 + 21 + 30 + 191 + 212$$

$$464 := 1^0 + 3^0 + 10^1 + 11^1 + 21^2 = 10 + 30 + 101 + 111 + 212$$

$$464 := 1^0 + 3^0 + 10^2 + 13^0 + 19^2 = 10 + 30 + 102 + 130 + 192$$

$$464 := 1^0 + 3^0 + 3^1 + 18^1 + 21^2 = 10 + 30 + 31 + 181 + 212$$

$$464 := 1^0 + 3^0 + 4^1 + 17^1 + 21^2 = 10 + 30 + 41 + 171 + 212$$

$$464 := 1^0 + 3^0 + 5^1 + 16^1 + 21^2 = 10 + 30 + 51 + 161 + 212$$

$$464 := 1^0 + 3^0 + 6^1 + 15^1 + 21^2 = 10 + 30 + 61 + 151 + 212$$

$$464 := 1^0 + 3^0 + 7^1 + 14^1 + 21^2 = 10 + 30 + 71 + 141 + 212$$

$$464 := 1^0 + 3^0 + 8^1 + 13^1 + 21^2 = 10 + 30 + 81 + 131 + 212$$

$$464 := 1^0 + 3^0 + 9^1 + 12^1 + 21^2 = 10 + 30 + 91 + 121 + 212$$

$$464 := 1^0 + 4^0 + 10^2 + 12^0 + 19^2 = 10 + 40 + 102 + 120 + 192$$

$$464 := 1^0 + 5^0 + 10^2 + 11^0 + 19^2 = 10 + 50 + 102 + 110 + 192$$

$$464 := 1^0 + 6^0 + 10^0 + 10^2 + 19^2 = 10 + 60 + 100 + 102 + 192$$

$$464 := 1^0 + 7^0 + 9^0 + 10^2 + 19^2 = 10 + 70 + 90 + 102 + 192$$

$$464 := 1^0 + 8^0 + 8^0 + 10^2 + 19^2 = 10 + 80 + 80 + 102 + 192$$

$$464 := 1^1 + 1^9 + 10^2 + 14^0 + 19^2 = 11 + 19 + 102 + 140 + 192$$

$$464 := 1^1 + 2^0 + 2^0 + 20^1 + 21^2 = 11 + 20 + 20 + 201 + 212$$

$$464 := 1^2 + 1^8 + 10^2 + 14^0 + 19^2 = 12 + 18 + 102 + 140 + 192$$

$$464 := 1^2 + 1^9 + 2^0 + 20^1 + 21^2 = 12 + 19 + 20 + 201 + 212$$

$$464 := 1^3 + 1^7 + 10^2 + 14^0 + 19^2 = 13 + 17 + 102 + 140 + 192$$

$$464 := 1^3 + 1^8 + 2^0 + 20^1 + 21^2 = 13 + 18 + 20 + 201 + 212$$

$$464 := 1^3 + 1^9 + 1^9 + 20^1 + 21^2 = 13 + 19 + 19 + 201 + 212$$

$$464 := 1^3 + 2^8 + 10^1 + 14^2 + 18^0 = 13 + 28 + 101 + 142 + 180$$

$$464 := 1^4 + 1^6 + 10^2 + 14^0 + 19^2 = 14 + 16 + 102 + 140 + 192$$

$$464 := 1^4 + 1^7 + 2^0 + 20^1 + 21^2 = 14 + 17 + 20 + 201 + 212$$

$$464 := 1^4 + 1^8 + 1^9 + 20^1 + 21^2 = 14 + 18 + 19 + 201 + 212$$

$$464 := 1^4 + 2^7 + 10^1 + 14^0 + 18^2 = 14 + 27 + 101 + 140 + 182$$

$$464 := 1^5 + 1^5 + 10^2 + 14^0 + 19^2 = 15 + 15 + 102 + 140 + 192$$

$$464 := 1^5 + 1^6 + 2^0 + 20^1 + 21^2 = 15 + 16 + 20 + 201 + 212$$

$$464 := 1^5 + 1^7 + 1^9 + 20^1 + 21^2 = 15 + 17 + 19 + 201 + 212$$

$$464 := 1^5 + 1^8 + 1^8 + 20^1 + 21^2 = 15 + 18 + 18 + 201 + 212$$

$$464 := 1^5 + 3^4 + 5^3 + 16^2 + 20^0 = 15 + 34 + 53 + 162 + 200$$

$$464 := 1^5 + 4^4 + 5^3 + 9^2 + 26^0 = 15 + 44 + 53 + 92 + 260$$

$$464 := 1^6 + 1^6 + 1^9 + 20^1 + 21^2 = 16 + 16 + 19 + 201 + 212$$

$$464 := 1^6 + 1^7 + 1^8 + 20^1 + 21^2 = 16 + 17 + 18 + 201 + 212$$

$$464 := 1^6 + 3^5 + 4^0 + 14^2 + 23^1 = 16 + 35 + 40 + 142 + 231$$

$$464 := 1^6 + 5^3 + 6^3 + 11^2 + 22^0 = 16 + 53 + 63 + 112 + 220$$

$$464 := 1^7 + 1^7 + 1^7 + 20^1 + 21^2 = 17 + 17 + 17 + 201 + 212$$

$$464 := 1^7 + 2^0 + 3^4 + 19^2 + 20^1 = 17 + 20 + 34 + 192 + 201$$

$$464 := 1^7 + 2^4 + 5^1 + 16^0 + 21^2 = 17 + 24 + 51 + 160 + 212$$

$$464 := 1^7 + 4^4 + 10^1 + 14^2 + 16^0 = 17 + 44 + 101 + 142 + 160$$

$$464 := 1^7 + 5^3 + 9^2 + 14^0 + 16^2 = 17 + 53 + 92 + 140 + 162$$

$$464 := 1^8 + 1^9 + 3^4 + 19^2 + 20^1 = 18 + 19 + 34 + 192 + 201$$

$$464 := 1^8 + 2^0 + 6^3 + 15^2 + 21^1 = 18 + 20 + 63 + 152 + 211$$

$$464 := 1^8 + 2^2 + 12^0 + 13^2 + 17^2 = 18 + 22 + 120 + 132 + 172$$

$$464 := 1^8 + 2^3 + 8^0 + 13^1 + 21^2 = 18 + 23 + 80 + 131 + 212$$

$$464 := 1^8 + 5^3 + 8^0 + 13^1 + 18^2 = 18 + 53 + 80 + 131 + 182$$

$$464 := 1^8 + 7^3 + 8^0 + 10^2 + 19^1 = 18 + 73 + 80 + 102 + 191$$

$$464 := 1^9 + 1^9 + 6^3 + 15^2 + 21^1 = 19 + 19 + 63 + 152 + 211$$

$$464 := 1^9 + 2^0 + 12^1 + 15^2 + 15^2 = 19 + 20 + 121 + 152 + 152$$

$$\begin{aligned}
 464 &:= 1^9 + 2^2 + 4^0 + 17^1 + 21^2 = 19 + 22 + 40 + 171 + 212 \\
 464 &:= 1^9 + 3^2 + 8^0 + 12^1 + 21^2 = 19 + 32 + 80 + 121 + 212 \\
 464 &:= 1^9 + 4^0 + 10^1 + 14^2 + 16^2 = 19 + 40 + 101 + 142 + 162 \\
 464 &:= 1^9 + 4^0 + 7^2 + 13^1 + 20^2 = 19 + 40 + 72 + 131 + 202 \\
 464 &:= 1^9 + 4^1 + 10^0 + 13^2 + 17^2 = 19 + 41 + 100 + 132 + 172 \\
 464 &:= 1^9 + 4^2 + 5^1 + 14^0 + 21^2 = 19 + 42 + 51 + 140 + 212 \\
 464 &:= 2^0 + 2^0 + 10^1 + 11^1 + 21^2 = 20 + 20 + 101 + 111 + 212 \\
 464 &:= 2^0 + 2^0 + 10^2 + 13^0 + 19^2 = 20 + 20 + 102 + 130 + 192 \\
 464 &:= 2^0 + 2^0 + 2^1 + 19^1 + 21^2 = 20 + 20 + 21 + 191 + 212 \\
 464 &:= 2^0 + 2^0 + 3^1 + 18^1 + 21^2 = 20 + 20 + 31 + 181 + 212 \\
 464 &:= 2^0 + 2^0 + 4^1 + 17^1 + 21^2 = 20 + 20 + 41 + 171 + 212 \\
 464 &:= 2^0 + 2^0 + 5^1 + 16^1 + 21^2 = 20 + 20 + 51 + 161 + 212 \\
 464 &:= 2^0 + 2^0 + 6^1 + 15^1 + 21^2 = 20 + 20 + 61 + 151 + 212 \\
 464 &:= 2^0 + 2^0 + 7^1 + 14^1 + 21^2 = 20 + 20 + 71 + 141 + 212 \\
 464 &:= 2^0 + 2^0 + 8^1 + 13^1 + 21^2 = 20 + 20 + 81 + 131 + 212 \\
 464 &:= 2^0 + 2^0 + 9^1 + 12^1 + 21^2 = 20 + 20 + 91 + 121 + 212 \\
 464 &:= 2^0 + 3^0 + 10^2 + 12^0 + 19^2 = 20 + 30 + 102 + 120 + 192 \\
 464 &:= 2^0 + 4^0 + 10^2 + 11^0 + 19^2 = 20 + 40 + 102 + 110 + 192 \\
 464 &:= 2^0 + 5^0 + 10^0 + 10^2 + 19^2 = 20 + 50 + 100 + 102 + 192 \\
 464 &:= 2^0 + 6^0 + 9^0 + 10^2 + 19^2 = 20 + 60 + 90 + 102 + 192 \\
 464 &:= 2^0 + 7^0 + 8^0 + 10^2 + 19^2 = 20 + 70 + 80 + 102 + 192
 \end{aligned}$$

$$\begin{aligned}
 464 &:= 2^3 + 2^4 + 3^5 + 14^2 + 24^0 = 23 + 24 + 35 + 142 + 240 \\
 464 &:= 2^3 + 2^8 + 3^1 + 14^2 + 24^0 = 23 + 28 + 31 + 142 + 240 \\
 464 &:= 2^5 + 2^6 + 6^1 + 16^0 + 19^2 = 25 + 26 + 61 + 160 + 192 \\
 464 &:= 2^5 + 3^4 + 5^3 + 15^2 + 20^0 = 25 + 34 + 53 + 152 + 200 \\
 464 &:= 2^6 + 3^5 + 12^1 + 12^2 + 16^0 = 26 + 35 + 121 + 122 + 160 \\
 464 &:= 2^6 + 4^4 + 5^3 + 16^0 + 18^1 = 26 + 44 + 53 + 160 + 181 \\
 464 &:= 2^7 + 4^4 + 8^2 + 15^1 + 16^0 = 27 + 44 + 82 + 151 + 160 \\
 464 &:= 2^8 + 3^3 + 11^1 + 13^2 + 16^0 = 28 + 33 + 111 + 132 + 160 \\
 464 &:= 2^8 + 4^3 + 6^0 + 11^2 + 22^1 = 28 + 43 + 60 + 112 + 221 \\
 464 &:= 2^8 + 5^3 + 8^2 + 12^0 + 18^1 = 28 + 53 + 82 + 120 + 181 \\
 464 &:= 3^0 + 3^0 + 10^2 + 11^0 + 19^2 = 30 + 30 + 102 + 110 + 192 \\
 464 &:= 3^0 + 4^0 + 10^0 + 10^2 + 19^2 = 30 + 40 + 100 + 102 + 192 \\
 464 &:= 3^0 + 5^0 + 9^0 + 10^2 + 19^2 = 30 + 50 + 90 + 102 + 192 \\
 464 &:= 3^0 + 6^0 + 8^0 + 10^2 + 19^2 = 30 + 60 + 80 + 102 + 192 \\
 464 &:= 3^0 + 7^0 + 7^0 + 10^2 + 19^2 = 30 + 70 + 70 + 102 + 192 \\
 464 &:= 4^0 + 4^0 + 9^0 + 10^2 + 19^2 = 40 + 40 + 90 + 102 + 192 \\
 464 &:= 4^0 + 5^0 + 8^0 + 10^2 + 19^2 = 40 + 50 + 80 + 102 + 192 \\
 464 &:= 4^0 + 6^0 + 7^0 + 10^2 + 19^2 = 40 + 60 + 70 + 102 + 192 \\
 464 &:= 5^0 + 5^0 + 7^0 + 10^2 + 19^2 = 50 + 50 + 70 + 102 + 192 \\
 464 &:= 5^0 + 6^0 + 6^0 + 10^2 + 19^2 = 50 + 60 + 60 + 102 + 192
 \end{aligned}$$

2.2.366 Number 465

$$\begin{aligned}
 465 &:= 4^3 + 20^2 + 22^0 = 43 + 202 + 220 \\
 465 &:= 7^3 + 11^2 + 28^0 = 73 + 112 + 280 \\
 465 &:= 1^2 + 2^0 + 21^2 + 22^1 = 12 + 20 + 212 + 221 \\
 465 &:= 1^3 + 1^9 + 21^2 + 22^1 = 13 + 19 + 212 + 221 \\
 465 &:= 1^4 + 1^8 + 21^2 + 22^1 = 14 + 18 + 212 + 221 \\
 465 &:= 1^5 + 1^7 + 21^2 + 22^1 = 15 + 17 + 212 + 221 \\
 465 &:= 1^6 + 1^6 + 21^2 + 22^1 = 16 + 16 + 212 + 221 \\
 465 &:= 1^8 + 3^4 + 19^2 + 22^1 = 18 + 34 + 192 + 221 \\
 465 &:= 1^8 + 6^3 + 6^3 + 32^1 = 18 + 63 + 63 + 321 \\
 465 &:= 1^9 + 6^3 + 15^2 + 23^1 = 19 + 63 + 152 + 231 \\
 465 &:= 2^0 + 14^1 + 15^2 + 15^2 = 20 + 141 + 152 + 152 \\
 465 &:= 2^2 + 4^0 + 19^1 + 21^2 = 22 + 40 + 191 + 212 \\
 465 &:= 3^1 + 10^2 + 14^0 + 19^2 = 31 + 102 + 140 + 192 \\
 465 &:= 3^2 + 8^0 + 14^1 + 21^2 = 32 + 80 + 141 + 212
 \end{aligned}$$

$$\begin{aligned}
 465 &:= 4^0 + 12^1 + 14^2 + 16^2 = 40 + 121 + 142 + 162 \\
 465 &:= 4^0 + 7^2 + 15^1 + 20^2 = 40 + 72 + 151 + 202 \\
 465 &:= 4^2 + 7^1 + 14^0 + 21^2 = 42 + 71 + 140 + 212 \\
 465 &:= 6^1 + 10^0 + 13^2 + 17^2 = 61 + 100 + 132 + 172 \\
 465 &:= 1^0 + 1^2 + 2^0 + 21^1 + 21^2 = 10 + 12 + 20 + 211 + 212 \\
 465 &:= 1^0 + 1^3 + 1^9 + 21^1 + 21^2 = 10 + 13 + 19 + 211 + 212 \\
 465 &:= 1^0 + 1^4 + 1^8 + 21^1 + 21^2 = 10 + 14 + 18 + 211 + 212 \\
 465 &:= 1^0 + 1^5 + 1^7 + 21^1 + 21^2 = 10 + 15 + 17 + 211 + 212 \\
 465 &:= 1^0 + 1^6 + 1^6 + 21^1 + 21^2 = 10 + 16 + 16 + 211 + 212 \\
 465 &:= 1^0 + 1^8 + 3^4 + 19^2 + 21^1 = 10 + 18 + 34 + 192 + 211 \\
 465 &:= 1^0 + 1^9 + 6^3 + 15^2 + 22^1 = 10 + 19 + 63 + 152 + 221 \\
 465 &:= 1^0 + 2^0 + 13^1 + 15^2 + 15^2 = 10 + 20 + 131 + 152 + 152 \\
 465 &:= 1^0 + 2^1 + 10^2 + 14^0 + 19^2 = 10 + 21 + 102 + 140 + 192 \\
 465 &:= 1^0 + 2^2 + 4^0 + 18^1 + 21^2 = 10 + 22 + 40 + 181 + 212
 \end{aligned}$$

$$\begin{aligned} 465 &:= 1^0 + 3^2 + 8^0 + 13^1 + 21^2 = 10 + 32 + 80 + 131 + 212 \\ 465 &:= 1^0 + 4^0 + 11^1 + 14^2 + 16^2 = 10 + 40 + 111 + 142 + 162 \\ 465 &:= 1^0 + 4^0 + 7^2 + 14^1 + 20^2 = 10 + 40 + 72 + 141 + 202 \\ 465 &:= 1^0 + 4^2 + 6^1 + 14^0 + 21^2 = 10 + 42 + 61 + 140 + 212 \\ 465 &:= 1^0 + 5^1 + 10^0 + 13^2 + 17^2 = 10 + 51 + 100 + 132 + 172 \\ 465 &:= 1^1 + 1^1 + 2^0 + 21^1 + 21^2 = 11 + 11 + 20 + 211 + 212 \\ 465 &:= 1^1 + 1^2 + 1^9 + 21^1 + 21^2 = 11 + 12 + 19 + 211 + 212 \\ 465 &:= 1^1 + 1^3 + 1^8 + 21^1 + 21^2 = 11 + 13 + 18 + 211 + 212 \\ 465 &:= 1^1 + 1^4 + 1^7 + 21^1 + 21^2 = 11 + 14 + 17 + 211 + 212 \\ 465 &:= 1^1 + 1^5 + 1^6 + 21^1 + 21^2 = 11 + 15 + 16 + 211 + 212 \\ 465 &:= 1^1 + 1^7 + 3^4 + 19^2 + 21^1 = 11 + 17 + 34 + 192 + 211 \\ 465 &:= 1^1 + 1^8 + 6^3 + 15^2 + 22^1 = 11 + 18 + 63 + 152 + 221 \\ 465 &:= 1^1 + 1^9 + 13^1 + 15^2 + 15^2 = 11 + 19 + 131 + 152 + 152 \\ 465 &:= 1^1 + 2^0 + 10^1 + 12^1 + 21^2 = 11 + 20 + 101 + 121 + 212 \\ 465 &:= 1^1 + 2^0 + 11^1 + 11^1 + 21^2 = 11 + 20 + 111 + 111 + 212 \\ 465 &:= 1^1 + 2^0 + 2^1 + 20^1 + 21^2 = 11 + 20 + 21 + 201 + 212 \\ 465 &:= 1^1 + 2^0 + 3^1 + 19^1 + 21^2 = 11 + 20 + 31 + 191 + 212 \\ 465 &:= 1^1 + 2^0 + 4^1 + 18^1 + 21^2 = 11 + 20 + 41 + 181 + 212 \\ 465 &:= 1^1 + 2^0 + 5^1 + 17^1 + 21^2 = 11 + 20 + 51 + 171 + 212 \\ 465 &:= 1^1 + 2^0 + 6^1 + 16^1 + 21^2 = 11 + 20 + 61 + 161 + 212 \\ 465 &:= 1^1 + 2^0 + 7^1 + 15^1 + 21^2 = 11 + 20 + 71 + 151 + 212 \\ 465 &:= 1^1 + 2^0 + 8^1 + 14^1 + 21^2 = 11 + 20 + 81 + 141 + 212 \\ 465 &:= 1^1 + 2^0 + 9^1 + 13^1 + 21^2 = 11 + 20 + 91 + 131 + 212 \\ 465 &:= 1^2 + 1^2 + 1^8 + 21^1 + 21^2 = 12 + 12 + 18 + 211 + 212 \\ 465 &:= 1^2 + 1^3 + 1^7 + 21^1 + 21^2 = 12 + 13 + 17 + 211 + 212 \\ 465 &:= 1^2 + 1^4 + 1^6 + 21^1 + 21^2 = 12 + 14 + 16 + 211 + 212 \\ 465 &:= 1^2 + 1^5 + 1^5 + 21^1 + 21^2 = 12 + 15 + 15 + 211 + 212 \\ 465 &:= 1^2 + 1^6 + 3^4 + 19^2 + 21^1 = 12 + 16 + 34 + 192 + 211 \\ 465 &:= 1^2 + 1^7 + 6^3 + 15^2 + 22^1 = 12 + 17 + 63 + 152 + 221 \\ 465 &:= 1^2 + 1^8 + 13^1 + 15^2 + 15^2 = 12 + 18 + 131 + 152 + 152 \\ 465 &:= 1^2 + 1^9 + 10^1 + 12^1 + 21^2 = 12 + 19 + 101 + 121 + 212 \\ 465 &:= 1^2 + 1^9 + 11^1 + 11^1 + 21^2 = 12 + 19 + 111 + 111 + 212 \\ 465 &:= 1^2 + 1^9 + 2^1 + 20^1 + 21^2 = 12 + 19 + 21 + 201 + 212 \\ 465 &:= 1^2 + 1^9 + 3^1 + 19^1 + 21^2 = 12 + 19 + 31 + 191 + 212 \\ 465 &:= 1^2 + 1^9 + 4^1 + 18^1 + 21^2 = 12 + 19 + 41 + 181 + 212 \\ 465 &:= 1^2 + 1^9 + 5^1 + 17^1 + 21^2 = 12 + 19 + 51 + 171 + 212 \\ 465 &:= 1^2 + 1^9 + 6^1 + 16^1 + 21^2 = 12 + 19 + 61 + 161 + 212 \\ 465 &:= 1^2 + 1^9 + 7^1 + 15^1 + 21^2 = 12 + 19 + 71 + 151 + 212 \end{aligned}$$

$$\begin{aligned} 465 &:= 1^2 + 1^9 + 8^1 + 14^1 + 21^2 = 12 + 19 + 81 + 141 + 212 \\ 465 &:= 1^2 + 1^9 + 9^1 + 13^1 + 21^2 = 12 + 19 + 91 + 131 + 212 \\ 465 &:= 1^2 + 2^8 + 8^2 + 11^2 + 23^1 = 12 + 28 + 82 + 112 + 231 \\ 465 &:= 1^3 + 1^3 + 1^6 + 21^1 + 21^2 = 13 + 13 + 16 + 211 + 212 \\ 465 &:= 1^3 + 1^4 + 1^5 + 21^1 + 21^2 = 13 + 14 + 15 + 211 + 212 \\ 465 &:= 1^3 + 1^5 + 3^4 + 19^2 + 21^1 = 13 + 15 + 34 + 192 + 211 \\ 465 &:= 1^3 + 1^6 + 6^3 + 15^2 + 22^1 = 13 + 16 + 63 + 152 + 221 \\ 465 &:= 1^3 + 1^7 + 13^1 + 15^2 + 15^2 = 13 + 17 + 131 + 152 + 152 \\ 465 &:= 1^3 + 1^8 + 10^1 + 12^1 + 21^2 = 13 + 18 + 101 + 121 + 212 \\ 465 &:= 1^3 + 1^8 + 11^1 + 11^1 + 21^2 = 13 + 18 + 111 + 111 + 212 \\ 465 &:= 1^3 + 1^8 + 2^1 + 20^1 + 21^2 = 13 + 18 + 21 + 201 + 212 \\ 465 &:= 1^3 + 1^8 + 3^1 + 19^1 + 21^2 = 13 + 18 + 31 + 191 + 212 \\ 465 &:= 1^3 + 1^8 + 4^1 + 18^1 + 21^2 = 13 + 18 + 41 + 181 + 212 \\ 465 &:= 1^3 + 1^8 + 5^1 + 17^1 + 21^2 = 13 + 18 + 51 + 171 + 212 \\ 465 &:= 1^3 + 1^8 + 6^1 + 16^1 + 21^2 = 13 + 18 + 61 + 161 + 212 \\ 465 &:= 1^3 + 1^8 + 7^1 + 15^1 + 21^2 = 13 + 18 + 71 + 151 + 212 \\ 465 &:= 1^3 + 1^8 + 8^1 + 14^1 + 21^2 = 13 + 18 + 81 + 141 + 212 \\ 465 &:= 1^3 + 1^8 + 9^1 + 13^1 + 21^2 = 13 + 18 + 91 + 131 + 212 \\ 465 &:= 1^4 + 1^4 + 1^4 + 21^1 + 21^2 = 14 + 14 + 14 + 211 + 212 \\ 465 &:= 1^4 + 1^4 + 3^4 + 19^2 + 21^1 = 14 + 14 + 34 + 192 + 211 \\ 465 &:= 1^4 + 1^5 + 6^3 + 15^2 + 22^1 = 14 + 15 + 63 + 152 + 221 \\ 465 &:= 1^4 + 1^6 + 13^1 + 15^2 + 15^2 = 14 + 16 + 131 + 152 + 152 \\ 465 &:= 1^4 + 1^7 + 10^1 + 12^1 + 21^2 = 14 + 17 + 101 + 121 + 212 \\ 465 &:= 1^4 + 1^7 + 11^1 + 11^1 + 21^2 = 14 + 17 + 111 + 111 + 212 \\ 465 &:= 1^4 + 1^7 + 2^1 + 20^1 + 21^2 = 14 + 17 + 21 + 201 + 212 \\ 465 &:= 1^4 + 1^7 + 3^1 + 19^1 + 21^2 = 14 + 17 + 31 + 191 + 212 \\ 465 &:= 1^4 + 1^7 + 4^1 + 18^1 + 21^2 = 14 + 17 + 41 + 181 + 212 \\ 465 &:= 1^4 + 1^7 + 5^1 + 17^1 + 21^2 = 14 + 17 + 51 + 171 + 212 \\ 465 &:= 1^4 + 1^7 + 6^1 + 16^1 + 21^2 = 14 + 17 + 61 + 161 + 212 \\ 465 &:= 1^4 + 1^7 + 7^1 + 15^1 + 21^2 = 14 + 17 + 71 + 151 + 212 \\ 465 &:= 1^4 + 1^7 + 8^1 + 14^1 + 21^2 = 14 + 17 + 81 + 141 + 212 \\ 465 &:= 1^4 + 1^7 + 9^1 + 13^1 + 21^2 = 14 + 17 + 91 + 131 + 212 \\ 465 &:= 1^4 + 2^8 + 11^1 + 14^2 + 17^0 = 14 + 28 + 111 + 142 + 170 \\ 465 &:= 1^4 + 3^3 + 3^5 + 13^2 + 25^1 = 14 + 33 + 35 + 132 + 251 \\ 465 &:= 1^4 + 3^4 + 4^4 + 10^2 + 27^1 = 14 + 34 + 44 + 102 + 271 \\ 465 &:= 1^5 + 1^5 + 13^1 + 15^2 + 15^2 = 15 + 15 + 131 + 152 + 152 \\ 465 &:= 1^5 + 1^6 + 10^1 + 12^1 + 21^2 = 15 + 16 + 101 + 121 + 212 \\ 465 &:= 1^5 + 1^6 + 11^1 + 11^1 + 21^2 = 15 + 16 + 111 + 111 + 212 \end{aligned}$$

$$\begin{aligned} 465 &:= 1^5 + 1^6 + 2^1 + 20^1 + 21^2 = 15 + 16 + 21 + 201 + 212 \\ 465 &:= 1^5 + 1^6 + 3^1 + 19^1 + 21^2 = 15 + 16 + 31 + 191 + 212 \\ 465 &:= 1^5 + 1^6 + 4^1 + 18^1 + 21^2 = 15 + 16 + 41 + 181 + 212 \\ 465 &:= 1^5 + 1^6 + 5^1 + 17^1 + 21^2 = 15 + 16 + 51 + 171 + 212 \\ 465 &:= 1^5 + 1^6 + 6^1 + 16^1 + 21^2 = 15 + 16 + 61 + 161 + 212 \\ 465 &:= 1^5 + 1^6 + 7^1 + 15^1 + 21^2 = 15 + 16 + 71 + 151 + 212 \\ 465 &:= 1^5 + 1^6 + 8^1 + 14^1 + 21^2 = 15 + 16 + 81 + 141 + 212 \\ 465 &:= 1^5 + 1^6 + 9^1 + 13^1 + 21^2 = 15 + 16 + 91 + 131 + 212 \\ 465 &:= 1^5 + 2^7 + 11^1 + 13^0 + 18^2 = 15 + 27 + 111 + 130 + 182 \\ 465 &:= 1^5 + 3^4 + 6^3 + 12^2 + 23^1 = 15 + 34 + 63 + 122 + 231 \\ 465 &:= 1^5 + 3^5 + 10^2 + 10^2 + 21^1 = 15 + 35 + 102 + 102 + 211 \\ 465 &:= 1^6 + 3^4 + 12^2 + 14^1 + 15^2 = 16 + 34 + 122 + 141 + 152 \\ 465 &:= 1^6 + 4^2 + 4^4 + 13^2 + 23^1 = 16 + 42 + 44 + 132 + 231 \\ 465 &:= 1^6 + 4^3 + 5^3 + 16^2 + 19^1 = 16 + 43 + 53 + 162 + 191 \\ 465 &:= 1^6 + 5^3 + 6^3 + 10^2 + 23^1 = 16 + 53 + 63 + 102 + 231 \\ 465 &:= 1^7 + 2^1 + 3^4 + 19^2 + 20^1 = 17 + 21 + 34 + 192 + 201 \\ 465 &:= 1^7 + 2^3 + 9^2 + 14^1 + 19^2 = 17 + 23 + 92 + 141 + 192 \\ 465 &:= 1^7 + 3^0 + 3^5 + 14^2 + 24^1 = 17 + 30 + 35 + 142 + 241 \\ 465 &:= 1^7 + 3^1 + 3^4 + 19^1 + 19^2 = 17 + 31 + 34 + 191 + 192 \\ 465 &:= 1^7 + 3^3 + 10^2 + 13^1 + 18^2 = 17 + 33 + 102 + 131 + 182 \\ 465 &:= 1^7 + 3^3 + 12^1 + 13^2 + 16^2 = 17 + 33 + 121 + 132 + 162 \\ 465 &:= 1^7 + 3^4 + 10^1 + 12^1 + 19^2 = 17 + 34 + 101 + 121 + 192 \\ 465 &:= 1^7 + 3^4 + 11^1 + 11^1 + 19^2 = 17 + 34 + 111 + 111 + 192 \\ 465 &:= 1^7 + 3^4 + 4^1 + 18^1 + 19^2 = 17 + 34 + 41 + 181 + 192 \\ 465 &:= 1^7 + 3^4 + 5^1 + 17^1 + 19^2 = 17 + 34 + 51 + 171 + 192 \\ 465 &:= 1^7 + 3^4 + 6^1 + 16^1 + 19^2 = 17 + 34 + 61 + 161 + 192 \\ 465 &:= 1^7 + 3^4 + 7^1 + 15^1 + 19^2 = 17 + 34 + 71 + 151 + 192 \\ 465 &:= 1^7 + 3^4 + 8^1 + 14^1 + 19^2 = 17 + 34 + 81 + 141 + 192 \\ 465 &:= 1^7 + 3^4 + 9^1 + 13^1 + 19^2 = 17 + 34 + 91 + 131 + 192 \\ 465 &:= 1^7 + 4^2 + 7^3 + 9^2 + 24^1 = 17 + 42 + 73 + 92 + 241 \\ 465 &:= 1^7 + 5^1 + 6^3 + 6^3 + 27^1 = 17 + 51 + 63 + 63 + 271 \\ 465 &:= 1^7 + 5^3 + 10^2 + 14^1 + 15^2 = 17 + 53 + 102 + 141 + 152 \\ 465 &:= 1^7 + 6^1 + 6^3 + 6^3 + 26^1 = 17 + 61 + 63 + 63 + 261 \\ 465 &:= 1^7 + 6^3 + 6^3 + 10^1 + 22^1 = 17 + 63 + 63 + 101 + 221 \\ 465 &:= 1^7 + 6^3 + 6^3 + 11^1 + 21^1 = 17 + 63 + 63 + 111 + 211 \\ 465 &:= 1^7 + 6^3 + 6^3 + 12^1 + 20^1 = 17 + 63 + 63 + 121 + 201 \\ 465 &:= 1^7 + 6^3 + 6^3 + 13^1 + 19^1 = 17 + 63 + 63 + 131 + 191 \\ 465 &:= 1^7 + 6^3 + 6^3 + 14^1 + 18^1 = 17 + 63 + 63 + 141 + 181 \end{aligned}$$

$$\begin{aligned} 465 &:= 1^7 + 6^3 + 6^3 + 15^1 + 17^1 = 17 + 63 + 63 + 151 + 171 \\ 465 &:= 1^7 + 6^3 + 6^3 + 16^1 + 16^1 = 17 + 63 + 63 + 161 + 161 \\ 465 &:= 1^7 + 6^3 + 6^3 + 7^1 + 25^1 = 17 + 63 + 63 + 71 + 251 \\ 465 &:= 1^7 + 6^3 + 6^3 + 8^1 + 24^1 = 17 + 63 + 63 + 81 + 241 \\ 465 &:= 1^7 + 6^3 + 6^3 + 9^1 + 23^1 = 17 + 63 + 63 + 91 + 231 \\ 465 &:= 1^7 + 7^2 + 7^2 + 7^3 + 23^1 = 17 + 72 + 72 + 73 + 231 \\ 465 &:= 1^8 + 2^1 + 6^3 + 15^2 + 21^1 = 18 + 21 + 63 + 152 + 211 \\ 465 &:= 1^8 + 2^4 + 6^1 + 15^0 + 21^2 = 18 + 24 + 61 + 150 + 212 \\ 465 &:= 1^8 + 3^1 + 6^3 + 15^2 + 20^1 = 18 + 31 + 63 + 152 + 201 \\ 465 &:= 1^8 + 3^2 + 9^2 + 13^1 + 19^2 = 18 + 32 + 92 + 131 + 192 \\ 465 &:= 1^8 + 3^3 + 6^2 + 15^0 + 20^2 = 18 + 33 + 62 + 150 + 202 \\ 465 &:= 1^8 + 4^1 + 6^3 + 15^2 + 19^1 = 18 + 41 + 63 + 152 + 191 \\ 465 &:= 1^8 + 4^4 + 11^1 + 14^2 + 15^0 = 18 + 44 + 111 + 142 + 150 \\ 465 &:= 1^8 + 5^1 + 6^3 + 15^2 + 18^1 = 18 + 51 + 63 + 152 + 181 \\ 465 &:= 1^8 + 5^2 + 5^2 + 14^1 + 20^2 = 18 + 52 + 52 + 141 + 202 \\ 465 &:= 1^8 + 5^3 + 13^0 + 13^2 + 13^2 = 18 + 53 + 130 + 132 + 132 \\ 465 &:= 1^8 + 5^3 + 7^2 + 15^0 + 17^2 = 18 + 53 + 72 + 150 + 172 \\ 465 &:= 1^8 + 6^1 + 6^3 + 15^2 + 17^1 = 18 + 61 + 63 + 152 + 171 \\ 465 &:= 1^8 + 6^3 + 10^1 + 13^1 + 15^2 = 18 + 63 + 101 + 131 + 152 \\ 465 &:= 1^8 + 6^3 + 11^1 + 12^1 + 15^2 = 18 + 63 + 111 + 121 + 152 \\ 465 &:= 1^8 + 6^3 + 7^1 + 15^2 + 16^1 = 18 + 63 + 71 + 152 + 161 \\ 465 &:= 1^8 + 6^3 + 8^1 + 15^1 + 15^2 = 18 + 63 + 81 + 151 + 152 \\ 465 &:= 1^8 + 6^3 + 9^1 + 14^1 + 15^2 = 18 + 63 + 91 + 141 + 152 \\ 465 &:= 1^8 + 7^1 + 12^2 + 12^2 + 13^2 = 18 + 71 + 122 + 122 + 132 \\ 465 &:= 1^8 + 7^2 + 9^2 + 10^1 + 18^2 = 18 + 72 + 92 + 101 + 182 \\ 465 &:= 1^8 + 8^1 + 10^2 + 10^2 + 16^2 = 18 + 81 + 102 + 102 + 162 \\ 465 &:= 1^8 + 8^1 + 8^2 + 14^2 + 14^2 = 18 + 81 + 82 + 142 + 142 \\ 465 &:= 1^9 + 2^1 + 12^1 + 15^2 + 15^2 = 19 + 21 + 121 + 152 + 152 \\ 465 &:= 1^9 + 2^3 + 7^0 + 14^1 + 21^2 = 19 + 23 + 70 + 141 + 212 \\ 465 &:= 1^9 + 3^1 + 11^1 + 15^2 + 15^2 = 19 + 31 + 111 + 152 + 152 \\ 465 &:= 1^9 + 4^1 + 10^1 + 15^2 + 15^2 = 19 + 41 + 101 + 152 + 152 \\ 465 &:= 1^9 + 5^1 + 9^1 + 15^2 + 15^2 = 19 + 51 + 91 + 152 + 152 \\ 465 &:= 1^9 + 5^3 + 7^0 + 14^1 + 18^2 = 19 + 53 + 70 + 141 + 182 \\ 465 &:= 1^9 + 6^1 + 8^1 + 15^2 + 15^2 = 19 + 61 + 81 + 152 + 152 \\ 465 &:= 1^9 + 7^0 + 7^3 + 10^2 + 20^1 = 19 + 70 + 73 + 102 + 201 \\ 465 &:= 1^9 + 7^1 + 7^1 + 15^2 + 15^2 = 19 + 71 + 71 + 152 + 152 \\ 465 &:= 2^0 + 2^1 + 10^1 + 11^1 + 21^2 = 20 + 21 + 101 + 111 + 212 \\ 465 &:= 2^0 + 2^1 + 10^2 + 13^0 + 19^2 = 20 + 21 + 102 + 130 + 192 \end{aligned}$$

$$\begin{aligned} 465 &:= 2^0 + 2^1 + 2^1 + 19^1 + 21^2 = 20 + 21 + 21 + 191 + 212 \\ 465 &:= 2^0 + 2^1 + 3^1 + 18^1 + 21^2 = 20 + 21 + 31 + 181 + 212 \\ 465 &:= 2^0 + 2^1 + 4^1 + 17^1 + 21^2 = 20 + 21 + 41 + 171 + 212 \\ 465 &:= 2^0 + 2^1 + 5^1 + 16^1 + 21^2 = 20 + 21 + 51 + 161 + 212 \\ 465 &:= 2^0 + 2^1 + 6^1 + 15^1 + 21^2 = 20 + 21 + 61 + 151 + 212 \\ 465 &:= 2^0 + 2^1 + 7^1 + 14^1 + 21^2 = 20 + 21 + 71 + 141 + 212 \\ 465 &:= 2^0 + 2^1 + 8^1 + 13^1 + 21^2 = 20 + 21 + 81 + 131 + 212 \\ 465 &:= 2^0 + 2^1 + 9^1 + 12^1 + 21^2 = 20 + 21 + 91 + 121 + 212 \\ 465 &:= 2^0 + 2^2 + 3^0 + 18^1 + 21^2 = 20 + 22 + 30 + 181 + 212 \\ 465 &:= 2^0 + 3^0 + 11^1 + 14^2 + 16^2 = 20 + 30 + 111 + 142 + 162 \\ 465 &:= 2^0 + 3^0 + 7^2 + 14^1 + 20^2 = 20 + 30 + 72 + 141 + 202 \\ 465 &:= 2^0 + 3^1 + 10^1 + 10^1 + 21^2 = 20 + 31 + 101 + 101 + 212 \\ 465 &:= 2^0 + 3^1 + 3^1 + 17^1 + 21^2 = 20 + 31 + 31 + 171 + 212 \\ 465 &:= 2^0 + 3^1 + 4^1 + 16^1 + 21^2 = 20 + 31 + 41 + 161 + 212 \\ 465 &:= 2^0 + 3^1 + 5^1 + 15^1 + 21^2 = 20 + 31 + 51 + 151 + 212 \\ 465 &:= 2^0 + 3^1 + 6^1 + 14^1 + 21^2 = 20 + 31 + 61 + 141 + 212 \\ 465 &:= 2^0 + 3^1 + 7^1 + 13^1 + 21^2 = 20 + 31 + 71 + 131 + 212 \\ 465 &:= 2^0 + 3^1 + 8^1 + 12^1 + 21^2 = 20 + 31 + 81 + 121 + 212 \\ 465 &:= 2^0 + 3^1 + 9^1 + 11^1 + 21^2 = 20 + 31 + 91 + 111 + 212 \\ 465 &:= 2^0 + 3^2 + 7^0 + 13^1 + 21^2 = 20 + 32 + 70 + 131 + 212 \\ 465 &:= 2^0 + 4^1 + 4^1 + 15^1 + 21^2 = 20 + 41 + 41 + 151 + 212 \\ 465 &:= 2^0 + 4^1 + 5^1 + 14^1 + 21^2 = 20 + 41 + 51 + 141 + 212 \\ 465 &:= 2^0 + 4^1 + 6^1 + 13^1 + 21^2 = 20 + 41 + 61 + 131 + 212 \\ 465 &:= 2^0 + 4^1 + 7^1 + 12^1 + 21^2 = 20 + 41 + 71 + 121 + 212 \\ 465 &:= 2^0 + 4^1 + 8^1 + 11^1 + 21^2 = 20 + 41 + 81 + 111 + 212 \\ 465 &:= 2^0 + 4^1 + 9^1 + 10^1 + 21^2 = 20 + 41 + 91 + 101 + 212 \\ 465 &:= 2^0 + 4^2 + 6^1 + 13^0 + 21^2 = 20 + 42 + 61 + 130 + 212 \\ 465 &:= 2^0 + 5^1 + 5^1 + 13^1 + 21^2 = 20 + 51 + 51 + 131 + 212 \\ 465 &:= 2^0 + 5^1 + 6^1 + 12^1 + 21^2 = 20 + 51 + 61 + 121 + 212 \\ 465 &:= 2^0 + 5^1 + 7^1 + 11^1 + 21^2 = 20 + 51 + 71 + 111 + 212 \\ 465 &:= 2^0 + 5^1 + 8^1 + 10^1 + 21^2 = 20 + 51 + 81 + 101 + 212 \\ 465 &:= 2^0 + 5^1 + 9^0 + 13^2 + 17^2 = 20 + 51 + 90 + 132 + 172 \\ 465 &:= 2^0 + 5^1 + 9^1 + 9^1 + 21^2 = 20 + 51 + 91 + 91 + 212 \\ 465 &:= 2^0 + 6^1 + 6^1 + 11^1 + 21^2 = 20 + 61 + 61 + 111 + 212 \\ 465 &:= 2^0 + 6^1 + 7^1 + 10^1 + 21^2 = 20 + 61 + 71 + 101 + 212 \\ 465 &:= 2^0 + 6^1 + 8^1 + 9^1 + 21^2 = 20 + 61 + 81 + 91 + 212 \\ 465 &:= 2^0 + 7^1 + 7^1 + 9^1 + 21^2 = 20 + 71 + 71 + 91 + 212 \\ 465 &:= 2^0 + 7^1 + 8^1 + 8^1 + 21^2 = 20 + 71 + 81 + 81 + 212 \end{aligned}$$

$$\begin{aligned} 465 &:= 2^1 + 3^0 + 10^2 + 12^0 + 19^2 = 21 + 30 + 102 + 120 + 192 \\ 465 &:= 2^1 + 4^0 + 10^2 + 11^0 + 19^2 = 21 + 40 + 102 + 110 + 192 \\ 465 &:= 2^1 + 5^0 + 10^0 + 10^2 + 19^2 = 21 + 50 + 100 + 102 + 192 \\ 465 &:= 2^1 + 6^0 + 9^0 + 10^2 + 19^2 = 21 + 60 + 90 + 102 + 192 \\ 465 &:= 2^1 + 7^0 + 8^0 + 10^2 + 19^2 = 21 + 70 + 80 + 102 + 192 \\ 465 &:= 2^2 + 2^3 + 2^8 + 14^2 + 25^0 = 22 + 23 + 28 + 142 + 250 \\ 465 &:= 2^2 + 2^4 + 2^6 + 19^2 + 20^1 = 22 + 24 + 26 + 192 + 201 \\ 465 &:= 2^3 + 2^5 + 3^4 + 18^2 + 20^1 = 23 + 25 + 34 + 182 + 201 \\ 465 &:= 2^3 + 2^5 + 4^4 + 12^2 + 25^1 = 23 + 25 + 44 + 122 + 251 \\ 465 &:= 2^3 + 2^7 + 12^2 + 13^2 + 16^1 = 23 + 27 + 122 + 132 + 161 \\ 465 &:= 2^3 + 2^8 + 10^2 + 10^2 + 21^0 = 23 + 28 + 102 + 102 + 210 \\ 465 &:= 2^4 + 2^4 + 2^5 + 19^0 + 20^2 = 24 + 24 + 25 + 190 + 202 \\ 465 &:= 2^4 + 2^6 + 9^2 + 15^1 + 17^2 = 24 + 26 + 92 + 151 + 172 \\ 465 &:= 2^4 + 2^7 + 8^2 + 16^2 + 17^0 = 24 + 27 + 82 + 162 + 170 \\ 465 &:= 2^4 + 2^8 + 5^0 + 13^2 + 23^1 = 24 + 28 + 50 + 132 + 231 \\ 465 &:= 2^5 + 2^6 + 7^3 + 9^0 + 25^1 = 25 + 26 + 73 + 90 + 251 \\ 465 &:= 2^5 + 2^7 + 9^0 + 15^1 + 17^2 = 25 + 27 + 90 + 151 + 172 \\ 465 &:= 2^5 + 3^5 + 5^3 + 8^2 + 27^0 = 25 + 35 + 53 + 82 + 270 \\ 465 &:= 2^6 + 2^6 + 11^0 + 12^1 + 18^2 = 26 + 26 + 110 + 121 + 182 \\ 465 &:= 2^6 + 3^5 + 6^2 + 11^2 + 23^0 = 26 + 35 + 62 + 112 + 230 \\ 465 &:= 2^7 + 3^3 + 6^2 + 16^2 + 18^1 = 27 + 33 + 62 + 162 + 181 \\ 465 &:= 2^7 + 3^5 + 9^2 + 12^1 + 19^0 = 27 + 35 + 92 + 121 + 190 \\ 465 &:= 2^7 + 4^2 + 4^4 + 8^2 + 27^0 = 27 + 42 + 44 + 82 + 270 \\ 465 &:= 2^7 + 4^2 + 6^3 + 9^2 + 24^1 = 27 + 42 + 63 + 92 + 241 \\ 465 &:= 2^7 + 4^3 + 4^4 + 16^1 + 19^0 = 27 + 43 + 44 + 161 + 190 \\ 465 &:= 2^7 + 4^4 + 5^1 + 7^2 + 27^1 = 27 + 44 + 51 + 72 + 271 \\ 465 &:= 2^7 + 4^4 + 6^1 + 7^2 + 26^1 = 27 + 44 + 61 + 72 + 261 \\ 465 &:= 2^7 + 4^4 + 7^1 + 7^2 + 25^1 = 27 + 44 + 71 + 72 + 251 \\ 465 &:= 2^7 + 4^4 + 7^2 + 10^1 + 22^1 = 27 + 44 + 72 + 101 + 221 \\ 465 &:= 2^7 + 4^4 + 7^2 + 11^1 + 21^1 = 27 + 44 + 72 + 111 + 211 \\ 465 &:= 2^7 + 4^4 + 7^2 + 12^1 + 20^1 = 27 + 44 + 72 + 121 + 201 \\ 465 &:= 2^7 + 4^4 + 7^2 + 13^1 + 19^1 = 27 + 44 + 72 + 131 + 191 \\ 465 &:= 2^7 + 4^4 + 7^2 + 14^1 + 18^1 = 27 + 44 + 72 + 141 + 181 \\ 465 &:= 2^7 + 4^4 + 7^2 + 15^1 + 17^1 = 27 + 44 + 72 + 151 + 171 \\ 465 &:= 2^7 + 4^4 + 7^2 + 16^1 + 16^1 = 27 + 44 + 72 + 161 + 161 \\ 465 &:= 2^7 + 4^4 + 7^2 + 8^1 + 24^1 = 27 + 44 + 72 + 81 + 241 \\ 465 &:= 2^7 + 4^4 + 7^2 + 9^1 + 23^1 = 27 + 44 + 72 + 91 + 231 \\ 465 &:= 2^7 + 5^3 + 7^2 + 12^2 + 19^1 = 27 + 53 + 72 + 122 + 191 \end{aligned}$$

$$\begin{aligned}
 465 &:= 2^7 + 6^3 + 7^2 + 7^2 + 23^1 = 27 + 63 + 72 + 72 + 231 \\
 465 &:= 2^8 + 3^0 + 3^4 + 10^2 + 27^1 = 28 + 30 + 34 + 102 + 271 \\
 465 &:= 2^8 + 3^3 + 9^2 + 10^2 + 21^0 = 28 + 33 + 92 + 102 + 210 \\
 465 &:= 2^8 + 3^4 + 6^1 + 11^2 + 23^0 = 28 + 34 + 61 + 112 + 230 \\
 465 &:= 2^8 + 4^3 + 5^3 + 15^0 + 19^1 = 28 + 43 + 53 + 150 + 191 \\
 465 &:= 2^8 + 5^2 + 8^2 + 10^2 + 20^1 = 28 + 52 + 82 + 102 + 201 \\
 465 &:= 3^0 + 3^2 + 6^0 + 13^1 + 21^2 = 30 + 32 + 60 + 131 + 212 \\
 465 &:= 3^0 + 4^2 + 6^1 + 12^0 + 21^2 = 30 + 42 + 61 + 120 + 212 \\
 465 &:= 3^0 + 5^1 + 8^0 + 13^2 + 17^2 = 30 + 51 + 80 + 132 + 172
 \end{aligned}$$

$$\begin{aligned}
 465 &:= 3^2 + 4^0 + 5^0 + 13^1 + 21^2 = 32 + 40 + 50 + 131 + 212 \\
 465 &:= 4^0 + 4^2 + 6^1 + 11^0 + 21^2 = 40 + 42 + 61 + 110 + 212 \\
 465 &:= 4^0 + 5^1 + 7^0 + 13^2 + 17^2 = 40 + 51 + 70 + 132 + 172 \\
 465 &:= 4^2 + 5^0 + 6^1 + 10^0 + 21^2 = 42 + 50 + 61 + 100 + 212 \\
 465 &:= 4^2 + 6^0 + 6^1 + 9^0 + 21^2 = 42 + 60 + 61 + 90 + 212 \\
 465 &:= 4^2 + 6^1 + 7^0 + 8^0 + 21^2 = 42 + 61 + 70 + 80 + 212 \\
 465 &:= 5^0 + 5^1 + 6^0 + 13^2 + 17^2 = 50 + 51 + 60 + 132 + 172
 \end{aligned}$$

2.2.367 Number 466

$$\begin{aligned}
 466 &:= 1^3 + 21^2 + 24^1 = 13 + 212 + 241 \\
 466 &:= 6^3 + 15^2 + 25^1 = 63 + 152 + 251 \\
 466 &:= 1^0 + 1^3 + 21^2 + 23^1 = 10 + 13 + 212 + 231 \\
 466 &:= 1^0 + 6^3 + 15^2 + 24^1 = 10 + 63 + 152 + 241 \\
 466 &:= 1^1 + 1^2 + 21^2 + 23^1 = 11 + 12 + 212 + 231 \\
 466 &:= 1^1 + 15^1 + 15^2 + 15^2 = 11 + 151 + 152 + 152 \\
 466 &:= 1^1 + 4^3 + 20^2 + 21^0 = 11 + 43 + 202 + 210 \\
 466 &:= 1^1 + 7^3 + 11^2 + 27^0 = 11 + 73 + 112 + 270 \\
 466 &:= 1^2 + 10^1 + 14^1 + 21^2 = 12 + 101 + 141 + 212 \\
 466 &:= 1^2 + 11^1 + 13^1 + 21^2 = 12 + 111 + 131 + 212 \\
 466 &:= 1^2 + 12^1 + 12^1 + 21^2 = 12 + 121 + 121 + 212 \\
 466 &:= 1^2 + 2^1 + 21^2 + 22^1 = 12 + 21 + 212 + 221 \\
 466 &:= 1^2 + 3^1 + 21^1 + 21^2 = 12 + 31 + 211 + 212 \\
 466 &:= 1^2 + 4^1 + 20^1 + 21^2 = 12 + 41 + 201 + 212 \\
 466 &:= 1^2 + 5^1 + 19^1 + 21^2 = 12 + 51 + 191 + 212 \\
 466 &:= 1^2 + 6^1 + 18^1 + 21^2 = 12 + 61 + 181 + 212 \\
 466 &:= 1^2 + 7^1 + 17^1 + 21^2 = 12 + 71 + 171 + 212 \\
 466 &:= 1^2 + 8^1 + 16^1 + 21^2 = 12 + 81 + 161 + 212 \\
 466 &:= 1^2 + 8^2 + 17^0 + 20^2 = 12 + 82 + 170 + 202 \\
 466 &:= 1^2 + 9^1 + 15^1 + 21^2 = 12 + 91 + 151 + 212 \\
 466 &:= 1^8 + 2^6 + 20^2 + 22^0 = 18 + 26 + 202 + 220 \\
 466 &:= 2^1 + 14^1 + 15^2 + 15^2 = 21 + 141 + 152 + 152 \\
 466 &:= 2^2 + 10^2 + 15^0 + 19^2 = 22 + 102 + 150 + 192 \\
 466 &:= 2^3 + 7^0 + 16^1 + 21^2 = 23 + 70 + 161 + 212 \\
 466 &:= 3^1 + 13^1 + 15^2 + 15^2 = 31 + 131 + 152 + 152 \\
 466 &:= 4^1 + 12^1 + 15^2 + 15^2 = 41 + 121 + 152 + 152 \\
 466 &:= 4^2 + 7^2 + 15^0 + 20^2 = 42 + 72 + 150 + 202
 \end{aligned}$$

$$\begin{aligned}
 466 &:= 5^1 + 11^1 + 15^2 + 15^2 = 51 + 111 + 152 + 152 \\
 466 &:= 5^3 + 7^0 + 16^1 + 18^2 = 53 + 70 + 161 + 182 \\
 466 &:= 6^1 + 10^1 + 15^2 + 15^2 = 61 + 101 + 152 + 152 \\
 466 &:= 7^0 + 7^3 + 10^2 + 22^1 = 70 + 73 + 102 + 221 \\
 466 &:= 7^1 + 9^1 + 15^2 + 15^2 = 71 + 91 + 152 + 152 \\
 466 &:= 8^1 + 8^1 + 15^2 + 15^2 = 81 + 81 + 152 + 152 \\
 466 &:= 9^0 + 10^2 + 13^2 + 14^2 = 90 + 102 + 132 + 142 \\
 466 &:= 1^0 + 1^0 + 1^3 + 21^2 + 22^1 = 10 + 10 + 13 + 212 + 221 \\
 466 &:= 1^0 + 1^0 + 6^3 + 15^2 + 23^1 = 10 + 10 + 63 + 152 + 231 \\
 466 &:= 1^0 + 1^1 + 1^2 + 21^2 + 22^1 = 10 + 11 + 12 + 212 + 221 \\
 466 &:= 1^0 + 1^1 + 14^1 + 15^2 + 15^2 = 10 + 11 + 141 + 152 + 152 \\
 466 &:= 1^0 + 1^2 + 10^1 + 13^1 + 21^2 = 10 + 12 + 101 + 131 + 212 \\
 466 &:= 1^0 + 1^2 + 11^1 + 12^1 + 21^2 = 10 + 12 + 111 + 121 + 212 \\
 466 &:= 1^0 + 1^2 + 2^1 + 21^1 + 21^2 = 10 + 12 + 21 + 211 + 212 \\
 466 &:= 1^0 + 1^2 + 3^1 + 20^1 + 21^2 = 10 + 12 + 31 + 201 + 212 \\
 466 &:= 1^0 + 1^2 + 4^1 + 19^1 + 21^2 = 10 + 12 + 41 + 191 + 212 \\
 466 &:= 1^0 + 1^2 + 5^1 + 18^1 + 21^2 = 10 + 12 + 51 + 181 + 212 \\
 466 &:= 1^0 + 1^2 + 6^1 + 17^1 + 21^2 = 10 + 12 + 61 + 171 + 212 \\
 466 &:= 1^0 + 1^2 + 7^1 + 16^1 + 21^2 = 10 + 12 + 71 + 161 + 212 \\
 466 &:= 1^0 + 1^2 + 8^1 + 15^1 + 21^2 = 10 + 12 + 81 + 151 + 212 \\
 466 &:= 1^0 + 1^2 + 9^1 + 14^1 + 21^2 = 10 + 12 + 91 + 141 + 212 \\
 466 &:= 1^0 + 2^1 + 13^1 + 15^2 + 15^2 = 10 + 21 + 131 + 152 + 152 \\
 466 &:= 1^0 + 2^3 + 7^0 + 15^1 + 21^2 = 10 + 23 + 70 + 151 + 212 \\
 466 &:= 1^0 + 3^1 + 12^1 + 15^2 + 15^2 = 10 + 31 + 121 + 152 + 152 \\
 466 &:= 1^0 + 4^1 + 11^1 + 15^2 + 15^2 = 10 + 41 + 111 + 152 + 152 \\
 466 &:= 1^0 + 5^1 + 10^1 + 15^2 + 15^2 = 10 + 51 + 101 + 152 + 152 \\
 466 &:= 1^0 + 5^3 + 7^0 + 15^1 + 18^2 = 10 + 53 + 70 + 151 + 182
 \end{aligned}$$

$$\begin{aligned}466 &:= 1^0 + 6^1 + 9^1 + 15^2 + 15^2 = 10 + 61 + 91 + 152 + 152 \\466 &:= 1^0 + 7^0 + 7^3 + 10^2 + 21^1 = 10 + 70 + 73 + 102 + 211 \\466 &:= 1^0 + 7^1 + 8^1 + 15^2 + 15^2 = 10 + 71 + 81 + 152 + 152 \\466 &:= 1^0 + 8^2 + 9^0 + 12^2 + 16^2 = 10 + 82 + 90 + 122 + 162 \\466 &:= 1^1 + 1^1 + 1^1 + 21^2 + 22^1 = 11 + 11 + 11 + 212 + 221 \\466 &:= 1^1 + 1^1 + 10^1 + 13^1 + 21^2 = 11 + 11 + 101 + 131 + 212 \\466 &:= 1^1 + 1^1 + 11^1 + 12^1 + 21^2 = 11 + 11 + 111 + 121 + 212 \\466 &:= 1^1 + 1^1 + 2^1 + 21^1 + 21^2 = 11 + 11 + 21 + 211 + 212 \\466 &:= 1^1 + 1^1 + 3^1 + 20^1 + 21^2 = 11 + 11 + 31 + 201 + 212 \\466 &:= 1^1 + 1^1 + 4^1 + 19^1 + 21^2 = 11 + 11 + 41 + 191 + 212 \\466 &:= 1^1 + 1^1 + 5^1 + 18^1 + 21^2 = 11 + 11 + 51 + 181 + 212 \\466 &:= 1^1 + 1^1 + 6^1 + 17^1 + 21^2 = 11 + 11 + 61 + 171 + 212 \\466 &:= 1^1 + 1^1 + 7^1 + 16^1 + 21^2 = 11 + 11 + 71 + 161 + 212 \\466 &:= 1^1 + 1^1 + 8^1 + 15^1 + 21^2 = 11 + 11 + 81 + 151 + 212 \\466 &:= 1^1 + 1^1 + 9^1 + 14^1 + 21^2 = 11 + 11 + 91 + 141 + 212 \\466 &:= 1^1 + 2^1 + 10^1 + 12^1 + 21^2 = 11 + 21 + 101 + 121 + 212 \\466 &:= 1^1 + 2^1 + 11^1 + 11^1 + 21^2 = 11 + 21 + 111 + 111 + 212 \\466 &:= 1^1 + 2^1 + 2^1 + 20^1 + 21^2 = 11 + 21 + 21 + 201 + 212 \\466 &:= 1^1 + 2^1 + 3^1 + 19^1 + 21^2 = 11 + 21 + 31 + 191 + 212 \\466 &:= 1^1 + 2^1 + 4^1 + 18^1 + 21^2 = 11 + 21 + 41 + 181 + 212 \\466 &:= 1^1 + 2^1 + 5^1 + 17^1 + 21^2 = 11 + 21 + 51 + 171 + 212 \\466 &:= 1^1 + 2^1 + 6^1 + 16^1 + 21^2 = 11 + 21 + 61 + 161 + 212 \\466 &:= 1^1 + 2^1 + 7^1 + 15^1 + 21^2 = 11 + 21 + 71 + 151 + 212 \\466 &:= 1^1 + 2^1 + 8^1 + 14^1 + 21^2 = 11 + 21 + 81 + 141 + 212 \\466 &:= 1^1 + 2^1 + 9^1 + 13^1 + 21^2 = 11 + 21 + 91 + 131 + 212 \\466 &:= 1^1 + 2^2 + 3^0 + 19^1 + 21^2 = 11 + 22 + 30 + 191 + 212 \\466 &:= 1^1 + 3^0 + 12^1 + 14^2 + 16^2 = 11 + 30 + 121 + 142 + 162 \\466 &:= 1^1 + 3^0 + 7^2 + 15^1 + 20^2 = 11 + 30 + 72 + 151 + 202 \\466 &:= 1^1 + 3^1 + 10^1 + 11^1 + 21^2 = 11 + 31 + 101 + 111 + 212 \\466 &:= 1^1 + 3^1 + 10^2 + 13^0 + 19^2 = 11 + 31 + 102 + 130 + 192 \\466 &:= 1^1 + 3^1 + 3^1 + 18^1 + 21^2 = 11 + 31 + 31 + 181 + 212 \\466 &:= 1^1 + 3^1 + 4^1 + 17^1 + 21^2 = 11 + 31 + 41 + 171 + 212 \\466 &:= 1^1 + 3^1 + 5^1 + 16^1 + 21^2 = 11 + 31 + 51 + 161 + 212 \\466 &:= 1^1 + 3^1 + 6^1 + 15^1 + 21^2 = 11 + 31 + 61 + 151 + 212 \\466 &:= 1^1 + 3^1 + 7^1 + 14^1 + 21^2 = 11 + 31 + 71 + 141 + 212 \\466 &:= 1^1 + 3^1 + 8^1 + 13^1 + 21^2 = 11 + 31 + 81 + 131 + 212 \\466 &:= 1^1 + 3^1 + 9^1 + 12^1 + 21^2 = 11 + 31 + 91 + 121 + 212 \\466 &:= 1^1 + 3^2 + 7^0 + 14^1 + 21^2 = 11 + 32 + 70 + 141 + 212\end{aligned}$$

$$\begin{aligned}466 &:= 1^1 + 4^1 + 10^1 + 10^1 + 21^2 = 11 + 41 + 101 + 101 + 212 \\466 &:= 1^1 + 4^1 + 4^1 + 16^1 + 21^2 = 11 + 41 + 41 + 161 + 212 \\466 &:= 1^1 + 4^1 + 5^1 + 15^1 + 21^2 = 11 + 41 + 51 + 151 + 212 \\466 &:= 1^1 + 4^1 + 6^1 + 14^1 + 21^2 = 11 + 41 + 61 + 141 + 212 \\466 &:= 1^1 + 4^1 + 7^1 + 13^1 + 21^2 = 11 + 41 + 71 + 131 + 212 \\466 &:= 1^1 + 4^1 + 8^1 + 12^1 + 21^2 = 11 + 41 + 81 + 121 + 212 \\466 &:= 1^1 + 4^1 + 9^1 + 11^1 + 21^2 = 11 + 41 + 91 + 111 + 212 \\466 &:= 1^1 + 4^2 + 7^1 + 13^0 + 21^2 = 11 + 42 + 71 + 130 + 212 \\466 &:= 1^1 + 5^1 + 5^1 + 14^1 + 21^2 = 11 + 51 + 51 + 141 + 212 \\466 &:= 1^1 + 5^1 + 6^1 + 13^1 + 21^2 = 11 + 51 + 61 + 131 + 212 \\466 &:= 1^1 + 5^1 + 7^1 + 12^1 + 21^2 = 11 + 51 + 71 + 121 + 212 \\466 &:= 1^1 + 5^1 + 8^1 + 11^1 + 21^2 = 11 + 51 + 81 + 111 + 212 \\466 &:= 1^1 + 5^1 + 9^1 + 10^1 + 21^2 = 11 + 51 + 91 + 101 + 212 \\466 &:= 1^1 + 6^1 + 6^1 + 12^1 + 21^2 = 11 + 61 + 61 + 121 + 212 \\466 &:= 1^1 + 6^1 + 7^1 + 11^1 + 21^2 = 11 + 61 + 71 + 111 + 212 \\466 &:= 1^1 + 6^1 + 8^1 + 10^1 + 21^2 = 11 + 61 + 81 + 101 + 212 \\466 &:= 1^1 + 6^1 + 9^0 + 13^2 + 17^2 = 11 + 61 + 90 + 132 + 172 \\466 &:= 1^1 + 6^1 + 9^1 + 9^1 + 21^2 = 11 + 61 + 91 + 91 + 212 \\466 &:= 1^1 + 7^1 + 7^1 + 10^1 + 21^2 = 11 + 71 + 71 + 101 + 212 \\466 &:= 1^1 + 7^1 + 8^1 + 9^1 + 21^2 = 11 + 71 + 81 + 91 + 212 \\466 &:= 1^1 + 8^1 + 8^1 + 8^1 + 21^2 = 11 + 81 + 81 + 81 + 212 \\466 &:= 1^3 + 2^8 + 4^3 + 12^2 + 26^0 = 13 + 28 + 43 + 122 + 260 \\466 &:= 1^4 + 2^5 + 2^5 + 20^0 + 20^2 = 14 + 25 + 25 + 200 + 202 \\466 &:= 1^4 + 2^6 + 4^4 + 12^2 + 26^0 = 14 + 26 + 44 + 122 + 260 \\466 &:= 1^4 + 2^8 + 8^2 + 12^2 + 22^0 = 14 + 28 + 82 + 122 + 220 \\466 &:= 1^5 + 2^8 + 12^1 + 14^2 + 16^0 = 15 + 28 + 121 + 142 + 160 \\466 &:= 1^6 + 2^6 + 12^2 + 14^0 + 16^2 = 16 + 26 + 122 + 140 + 162 \\466 &:= 1^6 + 2^7 + 12^0 + 12^1 + 18^2 = 16 + 27 + 120 + 121 + 182 \\466 &:= 1^7 + 3^5 + 10^2 + 11^2 + 20^0 = 17 + 35 + 102 + 112 + 200 \\466 &:= 1^7 + 3^5 + 5^2 + 14^2 + 22^0 = 17 + 35 + 52 + 142 + 220 \\466 &:= 1^7 + 4^3 + 4^4 + 12^2 + 24^0 = 17 + 43 + 44 + 122 + 240 \\466 &:= 1^8 + 2^0 + 3^5 + 14^2 + 25^1 = 18 + 20 + 35 + 142 + 251 \\466 &:= 1^8 + 4^4 + 8^2 + 12^2 + 20^0 = 18 + 44 + 82 + 122 + 200 \\466 &:= 1^9 + 1^9 + 3^5 + 14^2 + 25^1 = 19 + 19 + 35 + 142 + 251 \\466 &:= 1^9 + 2^4 + 7^1 + 14^0 + 21^2 = 19 + 24 + 71 + 140 + 212 \\466 &:= 1^9 + 4^3 + 12^0 + 12^2 + 16^2 = 19 + 43 + 120 + 122 + 162 \\466 &:= 1^9 + 4^4 + 12^1 + 14^0 + 14^2 = 19 + 44 + 121 + 140 + 142 \\466 &:= 2^0 + 2^3 + 6^0 + 15^1 + 21^2 = 20 + 23 + 60 + 151 + 212\end{aligned}$$

$$\begin{aligned}466 &:= 2^0 + 2^6 + 2^8 + 12^2 + 27^0 = 20 + 26 + 28 + 122 + 270 \\466 &:= 2^0 + 5^3 + 6^0 + 15^1 + 18^2 = 20 + 53 + 60 + 151 + 182 \\466 &:= 2^0 + 6^0 + 7^3 + 10^2 + 21^1 = 20 + 60 + 73 + 102 + 211 \\466 &:= 2^0 + 8^0 + 8^2 + 12^2 + 16^2 = 20 + 80 + 82 + 122 + 162 \\466 &:= 2^1 + 2^1 + 10^1 + 11^1 + 21^2 = 21 + 21 + 101 + 111 + 212 \\466 &:= 2^1 + 2^1 + 10^2 + 13^0 + 19^2 = 21 + 21 + 102 + 130 + 192 \\466 &:= 2^1 + 2^1 + 2^1 + 19^1 + 21^2 = 21 + 21 + 21 + 191 + 212 \\466 &:= 2^1 + 2^1 + 3^1 + 18^1 + 21^2 = 21 + 21 + 31 + 181 + 212 \\466 &:= 2^1 + 2^1 + 4^1 + 17^1 + 21^2 = 21 + 21 + 41 + 171 + 212 \\466 &:= 2^1 + 2^1 + 5^1 + 16^1 + 21^2 = 21 + 21 + 51 + 161 + 212 \\466 &:= 2^1 + 2^1 + 6^1 + 15^1 + 21^2 = 21 + 21 + 61 + 151 + 212 \\466 &:= 2^1 + 2^1 + 7^1 + 14^1 + 21^2 = 21 + 21 + 71 + 141 + 212 \\466 &:= 2^1 + 2^1 + 8^1 + 13^1 + 21^2 = 21 + 21 + 81 + 131 + 212 \\466 &:= 2^1 + 2^1 + 9^1 + 12^1 + 21^2 = 21 + 21 + 91 + 121 + 212 \\466 &:= 2^1 + 2^2 + 3^0 + 18^1 + 21^2 = 21 + 22 + 30 + 181 + 212 \\466 &:= 2^1 + 3^0 + 11^1 + 14^2 + 16^2 = 21 + 30 + 111 + 142 + 162 \\466 &:= 2^1 + 3^0 + 7^2 + 14^1 + 20^2 = 21 + 30 + 72 + 141 + 202 \\466 &:= 2^1 + 3^1 + 10^1 + 10^1 + 21^2 = 21 + 31 + 101 + 101 + 212 \\466 &:= 2^1 + 3^1 + 3^1 + 17^1 + 21^2 = 21 + 31 + 31 + 171 + 212 \\466 &:= 2^1 + 3^1 + 4^1 + 16^1 + 21^2 = 21 + 31 + 41 + 161 + 212 \\466 &:= 2^1 + 3^1 + 5^1 + 15^1 + 21^2 = 21 + 31 + 51 + 151 + 212 \\466 &:= 2^1 + 3^1 + 6^1 + 14^1 + 21^2 = 21 + 31 + 61 + 141 + 212 \\466 &:= 2^1 + 3^1 + 7^1 + 13^1 + 21^2 = 21 + 31 + 71 + 131 + 212 \\466 &:= 2^1 + 3^1 + 8^1 + 12^1 + 21^2 = 21 + 31 + 81 + 121 + 212 \\466 &:= 2^1 + 3^1 + 9^1 + 11^1 + 21^2 = 21 + 31 + 91 + 111 + 212 \\466 &:= 2^1 + 3^2 + 7^0 + 13^1 + 21^2 = 21 + 32 + 70 + 131 + 212 \\466 &:= 2^1 + 4^1 + 4^1 + 15^1 + 21^2 = 21 + 41 + 41 + 151 + 212 \\466 &:= 2^1 + 4^1 + 5^1 + 14^1 + 21^2 = 21 + 41 + 51 + 141 + 212 \\466 &:= 2^1 + 4^1 + 6^1 + 13^1 + 21^2 = 21 + 41 + 61 + 131 + 212 \\466 &:= 2^1 + 4^1 + 7^1 + 12^1 + 21^2 = 21 + 41 + 71 + 121 + 212 \\466 &:= 2^1 + 4^1 + 8^1 + 11^1 + 21^2 = 21 + 41 + 81 + 111 + 212 \\466 &:= 2^1 + 4^1 + 9^1 + 10^1 + 21^2 = 21 + 41 + 91 + 101 + 212 \\466 &:= 2^1 + 4^2 + 6^1 + 13^0 + 21^2 = 21 + 42 + 61 + 130 + 212 \\466 &:= 2^1 + 5^1 + 5^1 + 13^1 + 21^2 = 21 + 51 + 51 + 131 + 212 \\466 &:= 2^1 + 5^1 + 6^1 + 12^1 + 21^2 = 21 + 51 + 61 + 121 + 212 \\466 &:= 2^1 + 5^1 + 7^1 + 11^1 + 21^2 = 21 + 51 + 71 + 111 + 212 \\466 &:= 2^1 + 5^1 + 8^1 + 10^1 + 21^2 = 21 + 51 + 81 + 101 + 212 \\466 &:= 2^1 + 5^1 + 9^0 + 13^2 + 17^2 = 21 + 51 + 90 + 132 + 172\end{aligned}$$

$$\begin{aligned}466 &:= 2^1 + 5^1 + 9^1 + 9^1 + 21^2 = 21 + 51 + 91 + 91 + 212 \\466 &:= 2^1 + 6^1 + 6^1 + 11^1 + 21^2 = 21 + 61 + 61 + 111 + 212 \\466 &:= 2^1 + 6^1 + 7^1 + 10^1 + 21^2 = 21 + 61 + 71 + 101 + 212 \\466 &:= 2^1 + 6^1 + 8^1 + 9^1 + 21^2 = 21 + 61 + 81 + 91 + 212 \\466 &:= 2^1 + 7^1 + 7^1 + 9^1 + 21^2 = 21 + 71 + 71 + 91 + 212 \\466 &:= 2^1 + 7^1 + 8^1 + 8^1 + 21^2 = 21 + 71 + 81 + 81 + 212 \\466 &:= 2^2 + 3^0 + 10^1 + 10^1 + 21^2 = 22 + 30 + 101 + 101 + 212 \\466 &:= 2^2 + 3^0 + 3^1 + 17^1 + 21^2 = 22 + 30 + 31 + 171 + 212 \\466 &:= 2^2 + 3^0 + 4^1 + 16^1 + 21^2 = 22 + 30 + 41 + 161 + 212 \\466 &:= 2^2 + 3^0 + 5^1 + 15^1 + 21^2 = 22 + 30 + 51 + 151 + 212 \\466 &:= 2^2 + 3^0 + 6^1 + 14^1 + 21^2 = 22 + 30 + 61 + 141 + 212 \\466 &:= 2^2 + 3^0 + 7^1 + 13^1 + 21^2 = 22 + 30 + 71 + 131 + 212 \\466 &:= 2^2 + 3^0 + 8^1 + 12^1 + 21^2 = 22 + 30 + 81 + 121 + 212 \\466 &:= 2^2 + 3^0 + 9^1 + 11^1 + 21^2 = 22 + 30 + 91 + 111 + 212 \\466 &:= 2^3 + 2^5 + 2^6 + 19^2 + 20^0 = 23 + 25 + 26 + 192 + 200 \\466 &:= 2^3 + 3^0 + 5^0 + 15^1 + 21^2 = 23 + 30 + 50 + 151 + 212 \\466 &:= 2^3 + 4^0 + 4^0 + 15^1 + 21^2 = 23 + 40 + 40 + 151 + 212 \\466 &:= 2^4 + 2^7 + 5^3 + 14^2 + 22^0 = 24 + 27 + 53 + 142 + 220 \\466 &:= 2^4 + 2^8 + 7^2 + 12^2 + 22^0 = 24 + 28 + 72 + 122 + 220 \\466 &:= 2^5 + 2^7 + 4^2 + 17^2 + 20^0 = 25 + 27 + 42 + 172 + 200 \\466 &:= 2^5 + 2^7 + 7^2 + 16^2 + 18^0 = 25 + 27 + 72 + 162 + 180 \\466 &:= 2^5 + 2^8 + 8^1 + 13^2 + 20^0 = 25 + 28 + 81 + 132 + 200 \\466 &:= 2^6 + 2^6 + 9^2 + 16^0 + 16^2 = 26 + 26 + 92 + 160 + 162 \\466 &:= 2^6 + 2^7 + 8^0 + 16^2 + 17^1 = 26 + 27 + 80 + 162 + 171 \\466 &:= 2^6 + 2^8 + 10^0 + 12^2 + 19^0 = 26 + 28 + 100 + 122 + 190 \\466 &:= 2^6 + 2^8 + 11^0 + 12^2 + 18^0 = 26 + 28 + 110 + 122 + 180 \\466 &:= 2^6 + 2^8 + 12^0 + 12^2 + 17^0 = 26 + 28 + 120 + 122 + 170 \\466 &:= 2^6 + 2^8 + 12^2 + 13^0 + 16^0 = 26 + 28 + 122 + 130 + 160 \\466 &:= 2^6 + 2^8 + 12^2 + 14^0 + 15^0 = 26 + 28 + 122 + 140 + 150 \\466 &:= 2^6 + 2^8 + 3^0 + 12^2 + 26^0 = 26 + 28 + 30 + 122 + 260 \\466 &:= 2^6 + 2^8 + 4^0 + 12^2 + 25^0 = 26 + 28 + 40 + 122 + 250 \\466 &:= 2^6 + 2^8 + 5^0 + 12^2 + 24^0 = 26 + 28 + 50 + 122 + 240 \\466 &:= 2^6 + 2^8 + 6^0 + 12^2 + 23^0 = 26 + 28 + 60 + 122 + 230 \\466 &:= 2^6 + 2^8 + 7^0 + 12^2 + 22^0 = 26 + 28 + 70 + 122 + 220 \\466 &:= 2^6 + 2^8 + 8^0 + 12^2 + 21^0 = 26 + 28 + 80 + 122 + 210 \\466 &:= 2^6 + 2^8 + 9^0 + 12^2 + 20^0 = 26 + 28 + 90 + 122 + 200 \\466 &:= 2^8 + 3^4 + 8^2 + 8^2 + 24^0 = 28 + 34 + 82 + 82 + 240 \\466 &:= 2^8 + 4^3 + 4^3 + 9^2 + 26^0 = 28 + 43 + 43 + 92 + 260\end{aligned}$$

$$\begin{aligned}
 466 &:= 3^0 + 3^1 + 10^1 + 14^2 + 16^2 = 30 + 31 + 101 + 142 + 162 \\
 466 &:= 3^0 + 3^1 + 7^2 + 13^1 + 20^2 = 30 + 31 + 72 + 131 + 202 \\
 466 &:= 3^0 + 4^1 + 7^2 + 12^1 + 20^2 = 30 + 41 + 72 + 121 + 202 \\
 466 &:= 3^0 + 4^1 + 9^1 + 14^2 + 16^2 = 30 + 41 + 91 + 142 + 162 \\
 466 &:= 3^0 + 5^0 + 5^3 + 15^1 + 18^2 = 30 + 50 + 53 + 151 + 182 \\
 466 &:= 3^0 + 5^0 + 7^3 + 10^2 + 21^1 = 30 + 50 + 73 + 102 + 211 \\
 466 &:= 3^0 + 5^1 + 7^2 + 11^1 + 20^2 = 30 + 51 + 72 + 111 + 202 \\
 466 &:= 3^0 + 5^1 + 8^1 + 14^2 + 16^2 = 30 + 51 + 81 + 142 + 162 \\
 466 &:= 3^0 + 6^1 + 7^1 + 14^2 + 16^2 = 30 + 61 + 71 + 142 + 162 \\
 466 &:= 3^0 + 6^1 + 7^2 + 10^1 + 20^2 = 30 + 61 + 72 + 101 + 202 \\
 466 &:= 3^0 + 7^0 + 8^2 + 12^2 + 16^2 = 30 + 70 + 82 + 122 + 162 \\
 466 &:= 3^0 + 7^1 + 7^2 + 9^1 + 20^2 = 30 + 71 + 72 + 91 + 202 \\
 466 &:= 3^0 + 7^2 + 8^1 + 8^1 + 20^2 = 30 + 72 + 81 + 81 + 202 \\
 466 &:= 3^1 + 3^1 + 3^1 + 16^1 + 21^2 = 31 + 31 + 31 + 161 + 212 \\
 466 &:= 3^1 + 3^1 + 4^1 + 15^1 + 21^2 = 31 + 31 + 41 + 151 + 212 \\
 466 &:= 3^1 + 3^1 + 5^1 + 14^1 + 21^2 = 31 + 31 + 51 + 141 + 212 \\
 466 &:= 3^1 + 3^1 + 6^1 + 13^1 + 21^2 = 31 + 31 + 61 + 131 + 212 \\
 466 &:= 3^1 + 3^1 + 7^1 + 12^1 + 21^2 = 31 + 31 + 71 + 121 + 212 \\
 466 &:= 3^1 + 3^1 + 8^1 + 11^1 + 21^2 = 31 + 31 + 81 + 111 + 212 \\
 466 &:= 3^1 + 3^1 + 9^1 + 10^1 + 21^2 = 31 + 31 + 91 + 101 + 212 \\
 466 &:= 3^1 + 3^2 + 7^0 + 12^1 + 21^2 = 31 + 32 + 70 + 121 + 212 \\
 466 &:= 3^1 + 4^1 + 4^1 + 14^1 + 21^2 = 31 + 41 + 41 + 141 + 212 \\
 466 &:= 3^1 + 4^1 + 5^1 + 13^1 + 21^2 = 31 + 41 + 51 + 131 + 212 \\
 466 &:= 3^1 + 4^1 + 6^1 + 12^1 + 21^2 = 31 + 41 + 61 + 121 + 212 \\
 466 &:= 3^1 + 4^1 + 7^1 + 11^1 + 21^2 = 31 + 41 + 71 + 111 + 212 \\
 466 &:= 3^1 + 4^1 + 8^1 + 10^1 + 21^2 = 31 + 41 + 81 + 101 + 212 \\
 466 &:= 3^1 + 4^1 + 9^0 + 13^2 + 17^2 = 31 + 41 + 90 + 132 + 172 \\
 466 &:= 3^1 + 4^1 + 9^1 + 9^1 + 21^2 = 31 + 41 + 91 + 91 + 212 \\
 466 &:= 3^1 + 4^2 + 5^1 + 13^0 + 21^2 = 31 + 42 + 51 + 130 + 212 \\
 466 &:= 3^1 + 5^1 + 5^1 + 12^1 + 21^2 = 31 + 51 + 51 + 121 + 212 \\
 466 &:= 3^1 + 5^1 + 6^1 + 11^1 + 21^2 = 31 + 51 + 61 + 111 + 212 \\
 466 &:= 3^1 + 5^1 + 7^1 + 10^1 + 21^2 = 31 + 51 + 71 + 101 + 212 \\
 466 &:= 3^1 + 5^1 + 8^1 + 9^1 + 21^2 = 31 + 51 + 81 + 91 + 212
 \end{aligned}$$

$$\begin{aligned}
 466 &:= 3^1 + 6^1 + 6^1 + 10^1 + 21^2 = 31 + 61 + 61 + 101 + 212 \\
 466 &:= 3^1 + 6^1 + 7^1 + 9^1 + 21^2 = 31 + 61 + 71 + 91 + 212 \\
 466 &:= 3^1 + 6^1 + 8^1 + 8^1 + 21^2 = 31 + 61 + 81 + 81 + 212 \\
 466 &:= 3^1 + 7^1 + 7^1 + 8^1 + 21^2 = 31 + 71 + 71 + 81 + 212 \\
 466 &:= 3^2 + 4^1 + 7^0 + 11^1 + 21^2 = 32 + 41 + 70 + 111 + 212 \\
 466 &:= 3^2 + 5^1 + 7^0 + 10^1 + 21^2 = 32 + 51 + 70 + 101 + 212 \\
 466 &:= 3^2 + 6^1 + 7^0 + 9^1 + 21^2 = 32 + 61 + 70 + 91 + 212 \\
 466 &:= 3^2 + 7^0 + 7^1 + 8^1 + 21^2 = 32 + 70 + 71 + 81 + 212 \\
 466 &:= 4^0 + 4^0 + 5^3 + 15^1 + 18^2 = 40 + 40 + 53 + 151 + 182 \\
 466 &:= 4^0 + 4^0 + 7^3 + 10^2 + 21^1 = 40 + 40 + 73 + 102 + 211 \\
 466 &:= 4^0 + 6^0 + 8^2 + 12^2 + 16^2 = 40 + 60 + 82 + 122 + 162 \\
 466 &:= 4^1 + 4^1 + 4^1 + 13^1 + 21^2 = 41 + 41 + 41 + 131 + 212 \\
 466 &:= 4^1 + 4^1 + 4^2 + 13^0 + 21^2 = 41 + 41 + 42 + 130 + 212 \\
 466 &:= 4^1 + 4^1 + 5^1 + 12^1 + 21^2 = 41 + 41 + 51 + 121 + 212 \\
 466 &:= 4^1 + 4^1 + 6^1 + 11^1 + 21^2 = 41 + 41 + 61 + 111 + 212 \\
 466 &:= 4^1 + 4^1 + 7^1 + 10^1 + 21^2 = 41 + 41 + 71 + 101 + 212 \\
 466 &:= 4^1 + 4^1 + 8^1 + 9^1 + 21^2 = 41 + 41 + 81 + 91 + 212 \\
 466 &:= 4^1 + 5^1 + 5^1 + 11^1 + 21^2 = 41 + 51 + 51 + 111 + 212 \\
 466 &:= 4^1 + 5^1 + 6^1 + 10^1 + 21^2 = 41 + 51 + 61 + 101 + 212 \\
 466 &:= 4^1 + 5^1 + 7^1 + 9^1 + 21^2 = 41 + 51 + 71 + 91 + 212 \\
 466 &:= 4^1 + 5^1 + 8^1 + 8^1 + 21^2 = 41 + 51 + 81 + 81 + 212 \\
 466 &:= 4^1 + 6^1 + 6^1 + 9^1 + 21^2 = 41 + 61 + 61 + 91 + 212 \\
 466 &:= 4^1 + 6^1 + 7^1 + 8^1 + 21^2 = 41 + 61 + 71 + 81 + 212 \\
 466 &:= 4^1 + 7^1 + 7^1 + 7^1 + 21^2 = 41 + 71 + 71 + 71 + 212 \\
 466 &:= 5^0 + 5^0 + 8^2 + 12^2 + 16^2 = 50 + 50 + 82 + 122 + 162 \\
 466 &:= 5^1 + 5^1 + 5^1 + 10^1 + 21^2 = 51 + 51 + 51 + 101 + 212 \\
 466 &:= 5^1 + 5^1 + 6^1 + 9^1 + 21^2 = 51 + 51 + 61 + 91 + 212 \\
 466 &:= 5^1 + 5^1 + 7^1 + 8^1 + 21^2 = 51 + 51 + 71 + 81 + 212 \\
 466 &:= 5^1 + 6^1 + 6^1 + 8^1 + 21^2 = 51 + 61 + 61 + 81 + 212 \\
 466 &:= 5^1 + 6^1 + 7^1 + 7^1 + 21^2 = 51 + 61 + 71 + 71 + 212 \\
 466 &:= 6^1 + 6^1 + 6^1 + 7^1 + 21^2 = 61 + 61 + 61 + 71 + 212
 \end{aligned}$$

2.2.368 Number 467

$$\begin{aligned}
 467 &:= 1^9 + 3^5 + 14^2 + 27^1 = 19 + 35 + 142 + 271 \\
 467 &:= 2^3 + 13^2 + 14^0 + 17^2 = 23 + 132 + 140 + 172 \\
 467 &:= 2^4 + 9^1 + 14^0 + 21^2 = 24 + 91 + 140 + 212
 \end{aligned}$$

$$\begin{aligned}
 467 &:= 4^4 + 14^0 + 14^1 + 14^2 = 44 + 140 + 141 + 142 \\
 467 &:= 5^2 + 6^3 + 15^2 + 20^0 = 52 + 63 + 152 + 200 \\
 467 &:= 6^3 + 9^2 + 13^2 + 18^0 = 63 + 92 + 132 + 180
 \end{aligned}$$

$$\begin{aligned}467 &:= 1^0 + 1^2 + 4^3 + 20^0 + 20^2 = 10 + 12 + 43 + 200 + 202 \\467 &:= 1^0 + 1^2 + 7^3 + 11^2 + 26^0 = 10 + 12 + 73 + 112 + 260 \\467 &:= 1^0 + 1^3 + 8^2 + 16^0 + 20^2 = 10 + 13 + 82 + 160 + 202 \\467 &:= 1^0 + 1^9 + 2^6 + 20^2 + 21^0 = 10 + 19 + 26 + 202 + 210 \\467 &:= 1^0 + 1^9 + 3^5 + 14^2 + 26^1 = 10 + 19 + 35 + 142 + 261 \\467 &:= 1^0 + 2^3 + 4^2 + 18^0 + 21^2 = 10 + 23 + 42 + 180 + 212 \\467 &:= 1^0 + 2^4 + 8^1 + 14^0 + 21^2 = 10 + 24 + 81 + 140 + 212 \\467 &:= 1^0 + 4^2 + 5^3 + 18^0 + 18^2 = 10 + 42 + 53 + 180 + 182 \\467 &:= 1^0 + 4^4 + 13^1 + 14^0 + 14^2 = 10 + 44 + 131 + 140 + 142 \\467 &:= 1^0 + 5^3 + 12^2 + 14^0 + 14^2 = 10 + 53 + 122 + 140 + 142 \\467 &:= 1^1 + 1^1 + 4^3 + 20^0 + 20^2 = 11 + 11 + 43 + 200 + 202 \\467 &:= 1^1 + 1^1 + 7^3 + 11^2 + 26^0 = 11 + 11 + 73 + 112 + 260 \\467 &:= 1^1 + 1^2 + 8^2 + 16^0 + 20^2 = 11 + 12 + 82 + 160 + 202 \\467 &:= 1^1 + 1^8 + 2^6 + 20^2 + 21^0 = 11 + 18 + 26 + 202 + 210 \\467 &:= 1^1 + 1^8 + 3^5 + 14^2 + 26^1 = 11 + 18 + 35 + 142 + 261 \\467 &:= 1^1 + 2^2 + 10^2 + 14^0 + 19^2 = 11 + 22 + 102 + 140 + 192 \\467 &:= 1^1 + 2^3 + 6^0 + 16^1 + 21^2 = 11 + 23 + 60 + 161 + 212 \\467 &:= 1^1 + 4^2 + 7^2 + 14^0 + 20^2 = 11 + 42 + 72 + 140 + 202 \\467 &:= 1^1 + 5^3 + 6^0 + 16^1 + 18^2 = 11 + 53 + 60 + 161 + 182 \\467 &:= 1^1 + 6^0 + 7^3 + 10^2 + 22^1 = 11 + 60 + 73 + 102 + 221 \\467 &:= 1^1 + 8^0 + 10^2 + 13^2 + 14^2 = 11 + 80 + 102 + 132 + 142 \\467 &:= 1^2 + 1^7 + 2^6 + 20^2 + 21^0 = 12 + 17 + 26 + 202 + 210 \\467 &:= 1^2 + 1^7 + 3^5 + 14^2 + 26^1 = 12 + 17 + 35 + 142 + 261 \\467 &:= 1^2 + 2^0 + 13^1 + 14^2 + 16^2 = 12 + 20 + 131 + 142 + 162 \\467 &:= 1^2 + 2^0 + 2^2 + 20^1 + 21^2 = 12 + 20 + 22 + 201 + 212 \\467 &:= 1^2 + 2^0 + 4^3 + 19^0 + 20^2 = 12 + 20 + 43 + 190 + 202 \\467 &:= 1^2 + 2^0 + 7^2 + 16^1 + 20^2 = 12 + 20 + 72 + 161 + 202 \\467 &:= 1^2 + 2^0 + 7^3 + 11^2 + 25^0 = 12 + 20 + 73 + 112 + 250 \\467 &:= 1^2 + 3^0 + 4^3 + 18^0 + 20^2 = 12 + 30 + 43 + 180 + 202 \\467 &:= 1^2 + 3^0 + 7^3 + 11^2 + 24^0 = 12 + 30 + 73 + 112 + 240 \\467 &:= 1^2 + 3^2 + 6^0 + 15^1 + 21^2 = 12 + 32 + 60 + 151 + 212 \\467 &:= 1^2 + 4^0 + 4^3 + 17^0 + 20^2 = 12 + 40 + 43 + 170 + 202 \\467 &:= 1^2 + 4^0 + 7^3 + 11^2 + 23^0 = 12 + 40 + 73 + 112 + 230 \\467 &:= 1^2 + 4^1 + 10^2 + 12^0 + 19^2 = 12 + 41 + 102 + 120 + 192 \\467 &:= 1^2 + 4^2 + 8^1 + 12^0 + 21^2 = 12 + 42 + 81 + 120 + 212 \\467 &:= 1^2 + 4^3 + 10^0 + 11^0 + 20^2 = 12 + 43 + 100 + 110 + 202 \\467 &:= 1^2 + 4^3 + 5^0 + 16^0 + 20^2 = 12 + 43 + 50 + 160 + 202 \\467 &:= 1^2 + 4^3 + 6^0 + 15^0 + 20^2 = 12 + 43 + 60 + 150 + 202\end{aligned}$$

$$\begin{aligned}467 &:= 1^2 + 4^3 + 7^0 + 14^0 + 20^2 = 12 + 43 + 70 + 140 + 202 \\467 &:= 1^2 + 4^3 + 8^0 + 13^0 + 20^2 = 12 + 43 + 80 + 130 + 202 \\467 &:= 1^2 + 4^3 + 9^0 + 12^0 + 20^2 = 12 + 43 + 90 + 120 + 202 \\467 &:= 1^2 + 5^0 + 7^3 + 11^2 + 22^0 = 12 + 50 + 73 + 112 + 220 \\467 &:= 1^2 + 6^0 + 7^3 + 11^2 + 21^0 = 12 + 60 + 73 + 112 + 210 \\467 &:= 1^2 + 7^0 + 7^3 + 11^2 + 20^0 = 12 + 70 + 73 + 112 + 200 \\467 &:= 1^2 + 7^1 + 8^0 + 13^2 + 17^2 = 12 + 71 + 80 + 132 + 172 \\467 &:= 1^2 + 7^3 + 10^0 + 11^2 + 17^0 = 12 + 73 + 100 + 112 + 170 \\467 &:= 1^2 + 7^3 + 11^0 + 11^2 + 16^0 = 12 + 73 + 110 + 112 + 160 \\467 &:= 1^2 + 7^3 + 11^2 + 12^0 + 15^0 = 12 + 73 + 112 + 120 + 150 \\467 &:= 1^2 + 7^3 + 11^2 + 13^0 + 14^0 = 12 + 73 + 112 + 130 + 140 \\467 &:= 1^2 + 7^3 + 8^0 + 11^2 + 19^0 = 12 + 73 + 80 + 112 + 190 \\467 &:= 1^2 + 7^3 + 9^0 + 11^2 + 18^0 = 12 + 73 + 90 + 112 + 180 \\467 &:= 1^3 + 1^6 + 2^6 + 20^2 + 21^0 = 13 + 16 + 26 + 202 + 210 \\467 &:= 1^3 + 1^6 + 3^5 + 14^2 + 26^1 = 13 + 16 + 35 + 142 + 261 \\467 &:= 1^3 + 1^9 + 13^1 + 14^2 + 16^2 = 13 + 19 + 131 + 142 + 162 \\467 &:= 1^3 + 1^9 + 2^2 + 20^1 + 21^2 = 13 + 19 + 22 + 201 + 212 \\467 &:= 1^3 + 1^9 + 4^3 + 19^0 + 20^2 = 13 + 19 + 43 + 190 + 202 \\467 &:= 1^3 + 1^9 + 7^2 + 16^1 + 20^2 = 13 + 19 + 72 + 161 + 202 \\467 &:= 1^3 + 1^9 + 7^3 + 11^2 + 25^0 = 13 + 19 + 73 + 112 + 250 \\467 &:= 1^3 + 2^0 + 8^2 + 15^0 + 20^2 = 13 + 20 + 82 + 150 + 202 \\467 &:= 1^3 + 3^0 + 8^2 + 14^0 + 20^2 = 13 + 30 + 82 + 140 + 202 \\467 &:= 1^3 + 4^0 + 8^2 + 13^0 + 20^2 = 13 + 40 + 82 + 130 + 202 \\467 &:= 1^3 + 5^0 + 8^2 + 12^0 + 20^2 = 13 + 50 + 82 + 120 + 202 \\467 &:= 1^3 + 6^0 + 8^2 + 11^0 + 20^2 = 13 + 60 + 82 + 110 + 202 \\467 &:= 1^3 + 7^0 + 8^2 + 10^0 + 20^2 = 13 + 70 + 82 + 100 + 202 \\467 &:= 1^3 + 8^0 + 8^2 + 9^0 + 20^2 = 13 + 80 + 82 + 90 + 202 \\467 &:= 1^4 + 1^5 + 2^6 + 20^2 + 21^0 = 14 + 15 + 26 + 202 + 210 \\467 &:= 1^4 + 1^5 + 3^5 + 14^2 + 26^1 = 14 + 15 + 35 + 142 + 261 \\467 &:= 1^4 + 1^8 + 13^1 + 14^2 + 16^2 = 14 + 18 + 131 + 142 + 162 \\467 &:= 1^4 + 1^8 + 2^2 + 20^1 + 21^2 = 14 + 18 + 22 + 201 + 212 \\467 &:= 1^4 + 1^8 + 4^3 + 19^0 + 20^2 = 14 + 18 + 43 + 190 + 202 \\467 &:= 1^4 + 1^8 + 7^2 + 16^1 + 20^2 = 14 + 18 + 72 + 161 + 202 \\467 &:= 1^4 + 1^8 + 7^3 + 11^2 + 25^0 = 14 + 18 + 73 + 112 + 250 \\467 &:= 1^4 + 1^9 + 8^2 + 15^0 + 20^2 = 14 + 19 + 82 + 150 + 202 \\467 &:= 1^4 + 2^7 + 3^3 + 17^2 + 22^1 = 14 + 27 + 33 + 172 + 221 \\467 &:= 1^4 + 2^7 + 3^4 + 16^2 + 23^0 = 14 + 27 + 34 + 162 + 230 \\467 &:= 1^4 + 2^8 + 4^2 + 13^2 + 25^1 = 14 + 28 + 42 + 132 + 251\end{aligned}$$

$$\begin{aligned} 467 &:= 1^5 + 1^7 + 13^1 + 14^2 + 16^2 = 15 + 17 + 131 + 142 + 162 \\ 467 &:= 1^5 + 1^7 + 2^2 + 20^1 + 21^2 = 15 + 17 + 22 + 201 + 212 \\ 467 &:= 1^5 + 1^7 + 4^3 + 19^0 + 20^2 = 15 + 17 + 43 + 190 + 202 \\ 467 &:= 1^5 + 1^7 + 7^2 + 16^1 + 20^2 = 15 + 17 + 72 + 161 + 202 \\ 467 &:= 1^5 + 1^7 + 7^3 + 11^2 + 25^0 = 15 + 17 + 73 + 112 + 250 \\ 467 &:= 1^5 + 1^8 + 8^2 + 15^0 + 20^2 = 15 + 18 + 82 + 150 + 202 \\ 467 &:= 1^5 + 2^6 + 5^3 + 16^2 + 21^1 = 15 + 26 + 53 + 162 + 211 \\ 467 &:= 1^5 + 2^7 + 6^3 + 11^2 + 25^0 = 15 + 27 + 63 + 112 + 250 \\ 467 &:= 1^5 + 2^7 + 8^2 + 16^2 + 18^1 = 15 + 27 + 82 + 162 + 181 \\ 467 &:= 1^6 + 1^6 + 13^1 + 14^2 + 16^2 = 16 + 16 + 131 + 142 + 162 \\ 467 &:= 1^6 + 1^6 + 2^2 + 20^1 + 21^2 = 16 + 16 + 22 + 201 + 212 \\ 467 &:= 1^6 + 1^6 + 4^3 + 19^0 + 20^2 = 16 + 16 + 43 + 190 + 202 \\ 467 &:= 1^6 + 1^6 + 7^2 + 16^1 + 20^2 = 16 + 16 + 72 + 161 + 202 \\ 467 &:= 1^6 + 1^6 + 7^3 + 11^2 + 25^0 = 16 + 16 + 73 + 112 + 250 \\ 467 &:= 1^6 + 1^7 + 8^2 + 15^0 + 20^2 = 16 + 17 + 82 + 150 + 202 \\ 467 &:= 1^6 + 2^4 + 4^4 + 13^2 + 25^1 = 16 + 24 + 44 + 132 + 251 \\ 467 &:= 1^6 + 2^5 + 5^3 + 17^2 + 20^1 = 16 + 25 + 53 + 172 + 201 \\ 467 &:= 1^6 + 2^5 + 6^3 + 14^2 + 22^1 = 16 + 25 + 63 + 142 + 221 \\ 467 &:= 1^6 + 2^5 + 7^3 + 8^2 + 27^1 = 16 + 25 + 73 + 82 + 271 \\ 467 &:= 1^6 + 2^7 + 9^2 + 16^2 + 17^0 = 16 + 27 + 92 + 162 + 170 \\ 467 &:= 1^6 + 2^8 + 13^1 + 14^2 + 15^0 = 16 + 28 + 131 + 142 + 150 \\ 467 &:= 1^7 + 2^4 + 7^3 + 9^2 + 26^1 = 17 + 24 + 73 + 92 + 261 \\ 467 &:= 1^7 + 2^5 + 13^1 + 14^2 + 15^2 = 17 + 25 + 131 + 142 + 152 \\ 467 &:= 1^7 + 2^5 + 4^2 + 18^1 + 20^2 = 17 + 25 + 42 + 181 + 202 \\ 467 &:= 1^7 + 2^7 + 11^0 + 13^1 + 18^2 = 17 + 27 + 110 + 131 + 182 \\ 467 &:= 1^7 + 3^5 + 9^2 + 11^2 + 21^1 = 17 + 35 + 92 + 112 + 211 \\ 467 &:= 1^7 + 4^3 + 4^4 + 11^2 + 25^1 = 17 + 43 + 44 + 112 + 251 \\ 467 &:= 1^8 + 2^1 + 3^5 + 14^2 + 25^1 = 18 + 21 + 35 + 142 + 251 \\ 467 &:= 1^8 + 2^2 + 3^4 + 19^2 + 20^1 = 18 + 22 + 34 + 192 + 201 \\ 467 &:= 1^8 + 2^3 + 2^4 + 19^0 + 21^2 = 18 + 23 + 24 + 190 + 212 \\ 467 &:= 1^8 + 2^4 + 5^3 + 18^2 + 19^0 = 18 + 24 + 53 + 182 + 190 \\ 467 &:= 1^8 + 2^5 + 12^2 + 13^0 + 17^2 = 18 + 25 + 122 + 130 + 172 \\ 467 &:= 1^8 + 3^1 + 3^5 + 14^2 + 24^1 = 18 + 31 + 35 + 142 + 241 \\ 467 &:= 1^8 + 3^4 + 9^2 + 15^1 + 17^2 = 18 + 34 + 92 + 151 + 172 \\ 467 &:= 1^8 + 3^5 + 10^1 + 14^2 + 17^1 = 18 + 35 + 101 + 142 + 171 \\ 467 &:= 1^8 + 3^5 + 11^1 + 14^2 + 16^1 = 18 + 35 + 111 + 142 + 161 \\ 467 &:= 1^8 + 3^5 + 12^1 + 14^2 + 15^1 = 18 + 35 + 121 + 142 + 151 \\ 467 &:= 1^8 + 3^5 + 13^1 + 14^1 + 14^2 = 18 + 35 + 131 + 141 + 142 \end{aligned}$$

$$\begin{aligned} 467 &:= 1^8 + 3^5 + 4^1 + 14^2 + 23^1 = 18 + 35 + 41 + 142 + 231 \\ 467 &:= 1^8 + 3^5 + 5^1 + 14^2 + 22^1 = 18 + 35 + 51 + 142 + 221 \\ 467 &:= 1^8 + 3^5 + 6^1 + 14^2 + 21^1 = 18 + 35 + 61 + 142 + 211 \\ 467 &:= 1^8 + 3^5 + 7^1 + 14^2 + 20^1 = 18 + 35 + 71 + 142 + 201 \\ 467 &:= 1^8 + 3^5 + 8^1 + 14^2 + 19^1 = 18 + 35 + 81 + 142 + 191 \\ 467 &:= 1^8 + 3^5 + 9^1 + 14^2 + 18^1 = 18 + 35 + 91 + 142 + 181 \\ 467 &:= 1^8 + 5^3 + 5^3 + 14^2 + 20^1 = 18 + 53 + 53 + 142 + 201 \\ 467 &:= 1^9 + 2^0 + 2^6 + 20^0 + 20^2 = 19 + 20 + 26 + 200 + 202 \\ 467 &:= 1^9 + 2^2 + 6^3 + 15^2 + 21^1 = 19 + 22 + 63 + 152 + 211 \\ 467 &:= 1^9 + 2^3 + 11^2 + 13^1 + 18^2 = 19 + 23 + 112 + 131 + 182 \\ 467 &:= 1^9 + 2^4 + 7^2 + 15^0 + 20^2 = 19 + 24 + 72 + 150 + 202 \\ 467 &:= 1^9 + 2^6 + 10^0 + 12^0 + 20^2 = 19 + 26 + 100 + 120 + 202 \\ 467 &:= 1^9 + 2^6 + 11^0 + 11^0 + 20^2 = 19 + 26 + 110 + 110 + 202 \\ 467 &:= 1^9 + 2^6 + 3^0 + 19^0 + 20^2 = 19 + 26 + 30 + 190 + 202 \\ 467 &:= 1^9 + 2^6 + 4^0 + 18^0 + 20^2 = 19 + 26 + 40 + 180 + 202 \\ 467 &:= 1^9 + 2^6 + 5^0 + 17^0 + 20^2 = 19 + 26 + 50 + 170 + 202 \\ 467 &:= 1^9 + 2^6 + 6^0 + 16^0 + 20^2 = 19 + 26 + 60 + 160 + 202 \\ 467 &:= 1^9 + 2^6 + 7^0 + 15^0 + 20^2 = 19 + 26 + 70 + 150 + 202 \\ 467 &:= 1^9 + 2^6 + 8^0 + 14^0 + 20^2 = 19 + 26 + 80 + 140 + 202 \\ 467 &:= 1^9 + 2^6 + 9^0 + 13^0 + 20^2 = 19 + 26 + 90 + 130 + 202 \\ 467 &:= 1^9 + 3^3 + 8^2 + 14^1 + 19^2 = 19 + 33 + 82 + 141 + 192 \\ 467 &:= 1^9 + 4^3 + 10^2 + 13^1 + 17^2 = 19 + 43 + 102 + 131 + 172 \\ 467 &:= 1^9 + 4^3 + 5^2 + 16^1 + 19^2 = 19 + 43 + 52 + 161 + 192 \\ 467 &:= 1^9 + 4^3 + 8^2 + 14^1 + 18^2 = 19 + 43 + 82 + 141 + 182 \\ 467 &:= 1^9 + 5^3 + 6^2 + 16^1 + 17^2 = 19 + 53 + 62 + 161 + 172 \\ 467 &:= 1^9 + 6^2 + 6^3 + 14^2 + 18^1 = 19 + 62 + 63 + 142 + 181 \\ 467 &:= 1^9 + 6^2 + 7^3 + 8^2 + 23^1 = 19 + 62 + 73 + 82 + 231 \\ 467 &:= 1^9 + 6^3 + 8^2 + 13^2 + 17^1 = 19 + 63 + 82 + 132 + 171 \\ 467 &:= 2^0 + 2^2 + 12^1 + 15^2 + 15^2 = 20 + 22 + 121 + 152 + 152 \\ 467 &:= 2^0 + 2^3 + 4^2 + 17^0 + 21^2 = 20 + 23 + 42 + 170 + 212 \\ 467 &:= 2^0 + 2^4 + 8^1 + 13^0 + 21^2 = 20 + 24 + 81 + 130 + 212 \\ 467 &:= 2^0 + 3^2 + 11^2 + 12^1 + 18^2 = 20 + 32 + 112 + 121 + 182 \\ 467 &:= 2^0 + 4^2 + 5^3 + 17^0 + 18^2 = 20 + 42 + 53 + 170 + 182 \\ 467 &:= 2^0 + 4^2 + 6^2 + 14^1 + 20^2 = 20 + 42 + 62 + 141 + 202 \\ 467 &:= 2^0 + 4^4 + 13^0 + 13^1 + 14^2 = 20 + 44 + 130 + 131 + 142 \\ 467 &:= 2^0 + 5^3 + 12^2 + 13^0 + 14^2 = 20 + 53 + 122 + 130 + 142 \\ 467 &:= 2^0 + 6^2 + 9^1 + 14^2 + 15^2 = 20 + 62 + 91 + 142 + 152 \\ 467 &:= 2^0 + 7^1 + 11^2 + 13^2 + 13^2 = 20 + 71 + 112 + 132 + 132 \end{aligned}$$

$$\begin{aligned} 467 &:= 2^0 + 8^1 + 8^2 + 13^2 + 15^2 = 20 + 81 + 82 + 132 + 152 \\ 467 &:= 2^0 + 8^1 + 9^2 + 11^2 + 16^2 = 20 + 81 + 92 + 112 + 162 \\ 467 &:= 2^1 + 2^3 + 6^0 + 15^1 + 21^2 = 21 + 23 + 60 + 151 + 212 \\ 467 &:= 2^1 + 2^6 + 2^8 + 12^2 + 27^0 = 21 + 26 + 28 + 122 + 270 \\ 467 &:= 2^1 + 5^3 + 6^0 + 15^1 + 18^2 = 21 + 53 + 60 + 151 + 182 \\ 467 &:= 2^1 + 6^0 + 7^3 + 10^2 + 21^1 = 21 + 60 + 73 + 102 + 211 \\ 467 &:= 2^1 + 8^0 + 8^2 + 12^2 + 16^2 = 21 + 80 + 82 + 122 + 162 \\ 467 &:= 2^2 + 2^2 + 4^0 + 17^1 + 21^2 = 22 + 22 + 40 + 171 + 212 \\ 467 &:= 2^2 + 3^2 + 8^0 + 12^1 + 21^2 = 22 + 32 + 80 + 121 + 212 \\ 467 &:= 2^2 + 4^0 + 10^1 + 14^2 + 16^2 = 22 + 40 + 101 + 142 + 162 \\ 467 &:= 2^2 + 4^0 + 7^2 + 13^1 + 20^2 = 22 + 40 + 72 + 131 + 202 \\ 467 &:= 2^2 + 4^1 + 10^0 + 13^2 + 17^2 = 22 + 41 + 100 + 132 + 172 \\ 467 &:= 2^2 + 4^2 + 5^1 + 14^0 + 21^2 = 22 + 42 + 51 + 140 + 212 \\ 467 &:= 2^3 + 2^3 + 2^8 + 13^2 + 26^1 = 23 + 23 + 28 + 132 + 261 \\ 467 &:= 2^3 + 2^8 + 3^4 + 11^2 + 27^0 = 23 + 28 + 34 + 112 + 270 \\ 467 &:= 2^3 + 3^0 + 4^2 + 16^0 + 21^2 = 23 + 30 + 42 + 160 + 212 \\ 467 &:= 2^3 + 3^1 + 6^0 + 14^1 + 21^2 = 23 + 31 + 60 + 141 + 212 \\ 467 &:= 2^3 + 4^0 + 4^2 + 15^0 + 21^2 = 23 + 40 + 42 + 150 + 212 \\ 467 &:= 2^3 + 4^1 + 6^0 + 13^1 + 21^2 = 23 + 41 + 60 + 131 + 212 \\ 467 &:= 2^3 + 4^2 + 5^0 + 14^0 + 21^2 = 23 + 42 + 50 + 140 + 212 \\ 467 &:= 2^3 + 4^2 + 6^0 + 13^0 + 21^2 = 23 + 42 + 60 + 130 + 212 \\ 467 &:= 2^3 + 4^2 + 7^0 + 12^0 + 21^2 = 23 + 42 + 70 + 120 + 212 \\ 467 &:= 2^3 + 4^2 + 8^0 + 11^0 + 21^2 = 23 + 42 + 80 + 110 + 212 \\ 467 &:= 2^3 + 4^2 + 9^0 + 10^0 + 21^2 = 23 + 42 + 90 + 100 + 212 \\ 467 &:= 2^3 + 5^1 + 6^0 + 12^1 + 21^2 = 23 + 51 + 60 + 121 + 212 \\ 467 &:= 2^3 + 6^0 + 6^1 + 11^1 + 21^2 = 23 + 60 + 61 + 111 + 212 \\ 467 &:= 2^3 + 6^0 + 7^1 + 10^1 + 21^2 = 23 + 60 + 71 + 101 + 212 \\ 467 &:= 2^3 + 6^0 + 8^1 + 9^1 + 21^2 = 23 + 60 + 81 + 91 + 212 \\ 467 &:= 2^4 + 2^7 + 6^3 + 9^2 + 26^1 = 24 + 27 + 63 + 92 + 261 \\ 467 &:= 2^4 + 3^0 + 8^1 + 12^0 + 21^2 = 24 + 30 + 81 + 120 + 212 \\ 467 &:= 2^4 + 4^0 + 8^1 + 11^0 + 21^2 = 24 + 40 + 81 + 110 + 212 \\ 467 &:= 2^4 + 5^0 + 8^1 + 10^0 + 21^2 = 24 + 50 + 81 + 100 + 212 \\ 467 &:= 2^4 + 6^0 + 8^1 + 9^0 + 21^2 = 24 + 60 + 81 + 90 + 212 \\ 467 &:= 2^4 + 7^0 + 8^0 + 8^1 + 21^2 = 24 + 70 + 80 + 81 + 212 \\ 467 &:= 2^5 + 2^5 + 4^4 + 11^2 + 26^1 = 25 + 25 + 44 + 112 + 261 \\ 467 &:= 2^5 + 2^6 + 3^3 + 18^2 + 20^1 = 25 + 26 + 33 + 182 + 201 \\ 467 &:= 2^5 + 2^6 + 3^4 + 17^2 + 21^0 = 25 + 26 + 34 + 172 + 210 \\ 467 &:= 2^5 + 2^6 + 5^3 + 15^2 + 21^1 = 25 + 26 + 53 + 152 + 211 \end{aligned}$$

$$\begin{aligned} 467 &:= 2^5 + 2^7 + 11^2 + 13^2 + 17^1 = 25 + 27 + 112 + 132 + 171 \\ 467 &:= 2^5 + 2^7 + 8^2 + 15^2 + 18^1 = 25 + 27 + 82 + 152 + 181 \\ 467 &:= 2^5 + 2^8 + 3^2 + 13^2 + 25^0 = 25 + 28 + 32 + 132 + 250 \\ 467 &:= 2^6 + 2^7 + 7^2 + 15^2 + 19^0 = 26 + 27 + 72 + 152 + 190 \\ 467 &:= 2^6 + 2^8 + 5^0 + 11^2 + 25^1 = 26 + 28 + 50 + 112 + 251 \\ 467 &:= 2^7 + 2^7 + 13^0 + 14^1 + 14^2 = 27 + 27 + 130 + 141 + 142 \\ 467 &:= 2^7 + 2^8 + 5^0 + 9^2 + 27^0 = 27 + 28 + 50 + 92 + 270 \\ 467 &:= 2^7 + 2^8 + 6^0 + 9^2 + 26^0 = 27 + 28 + 60 + 92 + 260 \\ 467 &:= 2^7 + 2^8 + 7^0 + 9^2 + 25^0 = 27 + 28 + 70 + 92 + 250 \\ 467 &:= 2^7 + 2^8 + 8^0 + 9^2 + 24^0 = 27 + 28 + 80 + 92 + 240 \\ 467 &:= 2^7 + 2^8 + 9^0 + 9^2 + 23^0 = 27 + 28 + 90 + 92 + 230 \\ 467 &:= 2^7 + 2^8 + 9^2 + 10^0 + 22^0 = 27 + 28 + 92 + 100 + 220 \\ 467 &:= 2^7 + 2^8 + 9^2 + 11^0 + 21^0 = 27 + 28 + 92 + 110 + 210 \\ 467 &:= 2^7 + 2^8 + 9^2 + 12^0 + 20^0 = 27 + 28 + 92 + 120 + 200 \\ 467 &:= 2^7 + 2^8 + 9^2 + 13^0 + 19^0 = 27 + 28 + 92 + 130 + 190 \\ 467 &:= 2^7 + 2^8 + 9^2 + 14^0 + 18^0 = 27 + 28 + 92 + 140 + 180 \\ 467 &:= 2^7 + 2^8 + 9^2 + 15^0 + 17^0 = 27 + 28 + 92 + 150 + 170 \\ 467 &:= 2^7 + 2^8 + 9^2 + 16^0 + 16^0 = 27 + 28 + 92 + 160 + 160 \\ 467 &:= 2^7 + 3^4 + 3^5 + 14^1 + 23^0 = 27 + 34 + 35 + 141 + 230 \\ 467 &:= 3^0 + 4^2 + 5^3 + 16^0 + 18^2 = 30 + 42 + 53 + 160 + 182 \\ 467 &:= 3^0 + 4^4 + 12^0 + 13^1 + 14^2 = 30 + 44 + 120 + 131 + 142 \\ 467 &:= 3^0 + 5^3 + 12^0 + 12^2 + 14^2 = 30 + 53 + 120 + 122 + 142 \\ 467 &:= 3^1 + 5^3 + 6^0 + 14^1 + 18^2 = 31 + 53 + 60 + 141 + 182 \\ 467 &:= 3^1 + 6^0 + 7^3 + 10^2 + 20^1 = 31 + 60 + 73 + 102 + 201 \\ 467 &:= 3^2 + 3^2 + 7^1 + 12^0 + 21^2 = 32 + 32 + 71 + 120 + 212 \\ 467 &:= 3^2 + 5^1 + 8^0 + 14^2 + 16^2 = 32 + 51 + 80 + 142 + 162 \\ 467 &:= 3^2 + 6^0 + 7^1 + 15^2 + 15^2 = 32 + 60 + 71 + 152 + 152 \\ 467 &:= 3^2 + 7^2 + 8^0 + 8^1 + 20^2 = 32 + 72 + 80 + 81 + 202 \\ 467 &:= 4^0 + 4^2 + 5^3 + 15^0 + 18^2 = 40 + 42 + 53 + 150 + 182 \\ 467 &:= 4^0 + 4^4 + 11^0 + 13^1 + 14^2 = 40 + 44 + 110 + 131 + 142 \\ 467 &:= 4^0 + 5^1 + 11^2 + 12^2 + 14^2 = 40 + 51 + 112 + 122 + 142 \\ 467 &:= 4^0 + 5^2 + 8^1 + 12^2 + 17^2 = 40 + 52 + 81 + 122 + 172 \\ 467 &:= 4^0 + 5^3 + 11^0 + 12^2 + 14^2 = 40 + 53 + 110 + 122 + 142 \\ 467 &:= 4^0 + 7^1 + 7^2 + 11^2 + 17^2 = 40 + 71 + 72 + 112 + 172 \\ 467 &:= 4^1 + 5^3 + 6^0 + 13^1 + 18^2 = 41 + 53 + 60 + 131 + 182 \\ 467 &:= 4^1 + 6^0 + 7^3 + 10^2 + 19^1 = 41 + 60 + 73 + 102 + 191 \\ 467 &:= 4^2 + 5^0 + 5^3 + 14^0 + 18^2 = 42 + 50 + 53 + 140 + 182 \\ 467 &:= 4^2 + 5^1 + 8^0 + 11^2 + 18^2 = 42 + 51 + 80 + 112 + 182 \end{aligned}$$

$$\begin{aligned}
 467 &:= 4^2 + 5^3 + 6^0 + 13^0 + 18^2 = 42 + 53 + 60 + 130 + 182 \\
 467 &:= 4^2 + 5^3 + 7^0 + 12^0 + 18^2 = 42 + 53 + 70 + 120 + 182 \\
 467 &:= 4^2 + 5^3 + 8^0 + 11^0 + 18^2 = 42 + 53 + 80 + 110 + 182 \\
 467 &:= 4^2 + 5^3 + 9^0 + 10^0 + 18^2 = 42 + 53 + 90 + 100 + 182 \\
 467 &:= 4^2 + 6^0 + 8^1 + 9^2 + 19^2 = 42 + 60 + 81 + 92 + 192 \\
 467 &:= 4^4 + 5^0 + 10^0 + 13^1 + 14^2 = 44 + 50 + 100 + 131 + 142 \\
 467 &:= 4^4 + 6^0 + 9^0 + 13^1 + 14^2 = 44 + 60 + 90 + 131 + 142 \\
 467 &:= 4^4 + 7^0 + 8^0 + 13^1 + 14^2 = 44 + 70 + 80 + 131 + 142 \\
 467 &:= 5^0 + 5^3 + 10^0 + 12^2 + 14^2 = 50 + 53 + 100 + 122 + 142 \\
 467 &:= 5^1 + 5^2 + 6^2 + 10^0 + 20^2 = 51 + 52 + 62 + 100 + 202 \\
 467 &:= 5^1 + 5^3 + 6^0 + 12^1 + 18^2 = 51 + 53 + 60 + 121 + 182 \\
 467 &:= 5^1 + 6^0 + 6^2 + 13^2 + 16^2 = 51 + 60 + 62 + 132 + 162 \\
 467 &:= 5^1 + 6^0 + 7^3 + 10^2 + 18^1 = 51 + 60 + 73 + 102 + 181 \\
 467 &:= 5^1 + 6^2 + 8^0 + 8^2 + 19^2 = 51 + 62 + 80 + 82 + 192
 \end{aligned}$$

$$\begin{aligned}
 467 &:= 5^3 + 6^0 + 6^1 + 11^1 + 18^2 = 53 + 60 + 61 + 111 + 182 \\
 467 &:= 5^3 + 6^0 + 7^1 + 10^1 + 18^2 = 53 + 60 + 71 + 101 + 182 \\
 467 &:= 5^3 + 6^0 + 8^1 + 9^1 + 18^2 = 53 + 60 + 81 + 91 + 182 \\
 467 &:= 5^3 + 6^0 + 9^0 + 12^2 + 14^2 = 53 + 60 + 90 + 122 + 142 \\
 467 &:= 5^3 + 7^0 + 8^0 + 12^2 + 14^2 = 53 + 70 + 80 + 122 + 142 \\
 467 &:= 6^0 + 6^1 + 6^2 + 10^2 + 18^2 = 60 + 61 + 62 + 102 + 182 \\
 467 &:= 6^0 + 6^1 + 7^3 + 10^2 + 17^1 = 60 + 61 + 73 + 102 + 171 \\
 467 &:= 6^0 + 7^1 + 7^2 + 7^2 + 19^2 = 60 + 71 + 72 + 72 + 192 \\
 467 &:= 6^0 + 7^1 + 7^3 + 10^2 + 16^1 = 60 + 71 + 73 + 102 + 161 \\
 467 &:= 6^0 + 7^3 + 10^1 + 10^2 + 13^1 = 60 + 73 + 101 + 102 + 131 \\
 467 &:= 6^0 + 7^3 + 10^2 + 11^1 + 12^1 = 60 + 73 + 102 + 111 + 121 \\
 467 &:= 6^0 + 7^3 + 8^1 + 10^2 + 15^1 = 60 + 73 + 81 + 102 + 151 \\
 467 &:= 6^0 + 7^3 + 9^1 + 10^2 + 14^1 = 60 + 73 + 91 + 102 + 141
 \end{aligned}$$

2.2.369 Number 468

$$\begin{aligned}
 468 &:= 3^5 + 14^2 + 29^1 = 35 + 142 + 291 \\
 468 &:= 1^0 + 3^5 + 14^2 + 28^1 = 10 + 35 + 142 + 281 \\
 468 &:= 1^3 + 14^2 + 15^1 + 16^2 = 13 + 142 + 151 + 162 \\
 468 &:= 1^3 + 2^2 + 21^2 + 22^1 = 13 + 22 + 212 + 221 \\
 468 &:= 1^3 + 7^2 + 18^1 + 20^2 = 13 + 72 + 181 + 202 \\
 468 &:= 1^4 + 5^2 + 19^0 + 21^2 = 14 + 52 + 190 + 212 \\
 468 &:= 2^2 + 6^3 + 15^2 + 23^1 = 22 + 63 + 152 + 231 \\
 468 &:= 2^3 + 11^2 + 15^1 + 18^2 = 23 + 112 + 151 + 182 \\
 468 &:= 3^3 + 8^2 + 16^1 + 19^2 = 33 + 82 + 161 + 192 \\
 468 &:= 3^4 + 5^2 + 19^0 + 19^2 = 34 + 52 + 190 + 192 \\
 468 &:= 4^3 + 10^2 + 15^1 + 17^2 = 43 + 102 + 151 + 172 \\
 468 &:= 4^3 + 5^2 + 18^1 + 19^2 = 43 + 52 + 181 + 192 \\
 468 &:= 4^3 + 8^2 + 16^1 + 18^2 = 43 + 82 + 161 + 182 \\
 468 &:= 5^3 + 6^2 + 17^2 + 18^1 = 53 + 62 + 172 + 181 \\
 468 &:= 6^2 + 6^3 + 14^2 + 20^1 = 62 + 63 + 142 + 201 \\
 468 &:= 6^2 + 7^3 + 8^2 + 25^1 = 62 + 73 + 82 + 251 \\
 468 &:= 6^3 + 8^2 + 13^2 + 19^1 = 63 + 82 + 132 + 191 \\
 468 &:= 1^0 + 1^0 + 3^5 + 14^2 + 27^1 = 10 + 10 + 35 + 142 + 271 \\
 468 &:= 1^0 + 1^3 + 14^1 + 14^2 + 16^2 = 10 + 13 + 141 + 142 + 162 \\
 468 &:= 1^0 + 1^3 + 2^2 + 21^1 + 21^2 = 10 + 13 + 22 + 211 + 212 \\
 468 &:= 1^0 + 1^3 + 7^2 + 17^1 + 20^2 = 10 + 13 + 72 + 171 + 202
 \end{aligned}$$

$$\begin{aligned}
 468 &:= 1^0 + 2^2 + 6^3 + 15^2 + 22^1 = 10 + 22 + 63 + 152 + 221 \\
 468 &:= 1^0 + 2^3 + 11^2 + 14^1 + 18^2 = 10 + 23 + 112 + 141 + 182 \\
 468 &:= 1^0 + 2^4 + 13^0 + 15^2 + 15^2 = 10 + 24 + 130 + 152 + 152 \\
 468 &:= 1^0 + 2^4 + 3^2 + 19^0 + 21^2 = 10 + 24 + 32 + 190 + 212 \\
 468 &:= 1^0 + 3^3 + 8^2 + 15^1 + 19^2 = 10 + 33 + 82 + 151 + 192 \\
 468 &:= 1^0 + 4^3 + 10^2 + 14^1 + 17^2 = 10 + 43 + 102 + 141 + 172 \\
 468 &:= 1^0 + 4^3 + 5^2 + 17^1 + 19^2 = 10 + 43 + 52 + 171 + 192 \\
 468 &:= 1^0 + 4^3 + 8^2 + 15^1 + 18^2 = 10 + 43 + 82 + 151 + 182 \\
 468 &:= 1^0 + 5^3 + 6^2 + 17^1 + 17^2 = 10 + 53 + 62 + 171 + 172 \\
 468 &:= 1^0 + 6^2 + 6^3 + 14^2 + 19^1 = 10 + 62 + 63 + 142 + 191 \\
 468 &:= 1^0 + 6^2 + 7^3 + 8^2 + 24^1 = 10 + 62 + 73 + 82 + 241 \\
 468 &:= 1^0 + 6^3 + 8^2 + 13^2 + 18^1 = 10 + 63 + 82 + 132 + 181 \\
 468 &:= 1^1 + 1^2 + 14^1 + 14^2 + 16^2 = 11 + 12 + 141 + 142 + 162 \\
 468 &:= 1^1 + 1^2 + 2^2 + 21^1 + 21^2 = 11 + 12 + 22 + 211 + 212 \\
 468 &:= 1^1 + 1^2 + 7^2 + 17^1 + 20^2 = 11 + 12 + 72 + 171 + 202 \\
 468 &:= 1^1 + 2^2 + 13^1 + 15^2 + 15^2 = 11 + 22 + 131 + 152 + 152 \\
 468 &:= 1^1 + 2^3 + 13^0 + 13^2 + 17^2 = 11 + 23 + 130 + 132 + 172 \\
 468 &:= 1^1 + 2^4 + 9^1 + 13^0 + 21^2 = 11 + 24 + 91 + 130 + 212 \\
 468 &:= 1^1 + 3^2 + 11^2 + 13^1 + 18^2 = 11 + 32 + 112 + 131 + 182 \\
 468 &:= 1^1 + 4^2 + 6^2 + 15^1 + 20^2 = 11 + 42 + 62 + 151 + 202 \\
 468 &:= 1^1 + 4^4 + 13^0 + 14^1 + 14^2 = 11 + 44 + 130 + 141 + 142
 \end{aligned}$$

$$\begin{aligned} 468 &:= 1^1 + 5^2 + 6^3 + 15^2 + 19^0 = 11 + 52 + 63 + 152 + 190 \\ 468 &:= 1^1 + 6^2 + 10^1 + 14^2 + 15^2 = 11 + 62 + 101 + 142 + 152 \\ 468 &:= 1^1 + 6^3 + 9^2 + 13^2 + 17^0 = 11 + 63 + 92 + 132 + 170 \\ 468 &:= 1^1 + 8^1 + 11^2 + 13^2 + 13^2 = 11 + 81 + 112 + 132 + 132 \\ 468 &:= 1^1 + 8^2 + 9^1 + 13^2 + 15^2 = 11 + 82 + 91 + 132 + 152 \\ 468 &:= 1^1 + 9^1 + 9^2 + 11^2 + 16^2 = 11 + 91 + 92 + 112 + 162 \\ 468 &:= 1^2 + 2^1 + 13^1 + 14^2 + 16^2 = 12 + 21 + 131 + 142 + 162 \\ 468 &:= 1^2 + 2^1 + 2^2 + 20^1 + 21^2 = 12 + 21 + 22 + 201 + 212 \\ 468 &:= 1^2 + 2^1 + 4^3 + 19^0 + 20^2 = 12 + 21 + 43 + 190 + 202 \\ 468 &:= 1^2 + 2^1 + 7^2 + 16^1 + 20^2 = 12 + 21 + 72 + 161 + 202 \\ 468 &:= 1^2 + 2^1 + 7^3 + 11^2 + 25^0 = 12 + 21 + 73 + 112 + 250 \\ 468 &:= 1^2 + 2^2 + 10^1 + 12^1 + 21^2 = 12 + 22 + 101 + 121 + 212 \\ 468 &:= 1^2 + 2^2 + 11^1 + 11^1 + 21^2 = 12 + 22 + 111 + 111 + 212 \\ 468 &:= 1^2 + 2^2 + 3^1 + 19^1 + 21^2 = 12 + 22 + 31 + 191 + 212 \\ 468 &:= 1^2 + 2^2 + 4^1 + 18^1 + 21^2 = 12 + 22 + 41 + 181 + 212 \\ 468 &:= 1^2 + 2^2 + 5^1 + 17^1 + 21^2 = 12 + 22 + 51 + 171 + 212 \\ 468 &:= 1^2 + 2^2 + 6^1 + 16^1 + 21^2 = 12 + 22 + 61 + 161 + 212 \\ 468 &:= 1^2 + 2^2 + 7^1 + 15^1 + 21^2 = 12 + 22 + 71 + 151 + 212 \\ 468 &:= 1^2 + 2^2 + 8^1 + 14^1 + 21^2 = 12 + 22 + 81 + 141 + 212 \\ 468 &:= 1^2 + 2^2 + 9^1 + 13^1 + 21^2 = 12 + 22 + 91 + 131 + 212 \\ 468 &:= 1^2 + 2^3 + 5^0 + 17^1 + 21^2 = 12 + 23 + 50 + 171 + 212 \\ 468 &:= 1^2 + 3^1 + 12^1 + 14^2 + 16^2 = 12 + 31 + 121 + 142 + 162 \\ 468 &:= 1^2 + 3^1 + 7^2 + 15^1 + 20^2 = 12 + 31 + 72 + 151 + 202 \\ 468 &:= 1^2 + 3^2 + 4^2 + 17^0 + 21^2 = 12 + 32 + 42 + 170 + 212 \\ 468 &:= 1^2 + 4^1 + 11^1 + 14^2 + 16^2 = 12 + 41 + 111 + 142 + 162 \\ 468 &:= 1^2 + 4^1 + 7^2 + 14^1 + 20^2 = 12 + 41 + 72 + 141 + 202 \\ 468 &:= 1^2 + 4^2 + 11^0 + 15^2 + 15^2 = 12 + 42 + 110 + 152 + 152 \\ 468 &:= 1^2 + 5^0 + 5^3 + 17^1 + 18^2 = 12 + 50 + 53 + 171 + 182 \\ 468 &:= 1^2 + 5^0 + 7^3 + 10^2 + 23^1 = 12 + 50 + 73 + 102 + 231 \\ 468 &:= 1^2 + 5^1 + 10^1 + 14^2 + 16^2 = 12 + 51 + 101 + 142 + 162 \\ 468 &:= 1^2 + 5^1 + 7^2 + 13^1 + 20^2 = 12 + 51 + 72 + 131 + 202 \\ 468 &:= 1^2 + 6^1 + 7^2 + 12^1 + 20^2 = 12 + 61 + 72 + 121 + 202 \\ 468 &:= 1^2 + 6^1 + 9^1 + 14^2 + 16^2 = 12 + 61 + 91 + 142 + 162 \\ 468 &:= 1^2 + 7^1 + 7^2 + 11^1 + 20^2 = 12 + 71 + 72 + 111 + 202 \\ 468 &:= 1^2 + 7^1 + 8^1 + 14^2 + 16^2 = 12 + 71 + 81 + 142 + 162 \\ 468 &:= 1^2 + 7^2 + 8^1 + 10^1 + 20^2 = 12 + 72 + 81 + 101 + 202 \\ 468 &:= 1^2 + 7^2 + 9^1 + 9^1 + 20^2 = 12 + 72 + 91 + 91 + 202 \\ 468 &:= 1^3 + 2^1 + 8^2 + 15^0 + 20^2 = 13 + 21 + 82 + 150 + 202 \end{aligned}$$

$$\begin{aligned} 468 &:= 1^3 + 3^2 + 5^0 + 16^1 + 21^2 = 13 + 32 + 50 + 161 + 212 \\ 468 &:= 1^3 + 4^2 + 9^1 + 11^0 + 21^2 = 13 + 42 + 91 + 110 + 212 \\ 468 &:= 1^3 + 5^1 + 10^2 + 11^0 + 19^2 = 13 + 51 + 102 + 110 + 192 \\ 468 &:= 1^3 + 7^0 + 8^1 + 13^2 + 17^2 = 13 + 70 + 81 + 132 + 172 \\ 468 &:= 1^7 + 2^7 + 13^2 + 13^2 + 16^0 = 17 + 27 + 132 + 132 + 160 \\ 468 &:= 1^7 + 2^7 + 7^2 + 17^2 + 18^0 = 17 + 27 + 72 + 172 + 180 \\ 468 &:= 1^7 + 2^8 + 14^0 + 14^1 + 14^2 = 17 + 28 + 140 + 141 + 142 \\ 468 &:= 1^8 + 2^7 + 10^0 + 14^1 + 18^2 = 18 + 27 + 100 + 141 + 182 \\ 468 &:= 1^8 + 3^3 + 3^5 + 14^2 + 24^0 = 18 + 33 + 35 + 142 + 240 \\ 468 &:= 1^9 + 2^1 + 2^6 + 20^0 + 20^2 = 19 + 21 + 26 + 200 + 202 \\ 468 &:= 1^9 + 3^4 + 6^3 + 13^2 + 22^0 = 19 + 34 + 63 + 132 + 220 \\ 468 &:= 2^0 + 2^4 + 12^0 + 15^2 + 15^2 = 20 + 24 + 120 + 152 + 152 \\ 468 &:= 2^0 + 2^4 + 3^2 + 18^0 + 21^2 = 20 + 24 + 32 + 180 + 212 \\ 468 &:= 2^1 + 2^2 + 12^1 + 15^2 + 15^2 = 21 + 22 + 121 + 152 + 152 \\ 468 &:= 2^1 + 2^3 + 4^2 + 17^0 + 21^2 = 21 + 23 + 42 + 170 + 212 \\ 468 &:= 2^1 + 2^4 + 8^1 + 13^0 + 21^2 = 21 + 24 + 81 + 130 + 212 \\ 468 &:= 2^1 + 3^2 + 11^2 + 12^1 + 18^2 = 21 + 32 + 112 + 121 + 182 \\ 468 &:= 2^1 + 4^2 + 5^3 + 17^0 + 18^2 = 21 + 42 + 53 + 170 + 182 \\ 468 &:= 2^1 + 4^2 + 6^2 + 14^1 + 20^2 = 21 + 42 + 62 + 141 + 202 \\ 468 &:= 2^1 + 4^4 + 13^0 + 13^1 + 14^2 = 21 + 44 + 130 + 131 + 142 \\ 468 &:= 2^1 + 5^3 + 12^2 + 13^0 + 14^2 = 21 + 53 + 122 + 130 + 142 \\ 468 &:= 2^1 + 6^2 + 9^1 + 14^2 + 15^2 = 21 + 62 + 91 + 142 + 152 \\ 468 &:= 2^1 + 7^1 + 11^2 + 13^2 + 13^2 = 21 + 71 + 112 + 132 + 132 \\ 468 &:= 2^1 + 8^1 + 8^2 + 13^2 + 15^2 = 21 + 81 + 82 + 132 + 152 \\ 468 &:= 2^1 + 8^1 + 9^2 + 11^2 + 16^2 = 21 + 81 + 92 + 112 + 162 \\ 468 &:= 2^2 + 2^3 + 7^0 + 14^1 + 21^2 = 22 + 23 + 70 + 141 + 212 \\ 468 &:= 2^2 + 3^1 + 11^1 + 15^2 + 15^2 = 22 + 31 + 111 + 152 + 152 \\ 468 &:= 2^2 + 4^1 + 10^1 + 15^2 + 15^2 = 22 + 41 + 101 + 152 + 152 \\ 468 &:= 2^2 + 5^1 + 9^1 + 15^2 + 15^2 = 22 + 51 + 91 + 152 + 152 \\ 468 &:= 2^2 + 5^3 + 7^0 + 14^1 + 18^2 = 22 + 53 + 70 + 141 + 182 \\ 468 &:= 2^2 + 6^1 + 8^1 + 15^2 + 15^2 = 22 + 61 + 81 + 152 + 152 \\ 468 &:= 2^2 + 7^0 + 7^3 + 10^2 + 20^1 = 22 + 70 + 73 + 102 + 201 \\ 468 &:= 2^2 + 7^1 + 7^1 + 15^2 + 15^2 = 22 + 71 + 71 + 152 + 152 \\ 468 &:= 2^3 + 3^2 + 9^1 + 11^0 + 21^2 = 23 + 32 + 91 + 110 + 212 \\ 468 &:= 2^3 + 5^0 + 9^1 + 15^2 + 15^2 = 23 + 50 + 91 + 152 + 152 \\ 468 &:= 2^3 + 7^0 + 7^1 + 14^2 + 16^2 = 23 + 70 + 71 + 142 + 162 \\ 468 &:= 2^3 + 7^0 + 7^2 + 10^1 + 20^2 = 23 + 70 + 72 + 101 + 202 \\ 468 &:= 2^4 + 3^0 + 11^0 + 15^2 + 15^2 = 24 + 30 + 110 + 152 + 152 \end{aligned}$$

$$\begin{aligned} 468 &:= 2^4 + 3^0 + 3^2 + 17^0 + 21^2 = 24 + 30 + 32 + 170 + 212 \\ 468 &:= 2^4 + 3^1 + 7^1 + 13^0 + 21^2 = 24 + 31 + 71 + 130 + 212 \\ 468 &:= 2^4 + 3^2 + 10^0 + 10^0 + 21^2 = 24 + 32 + 100 + 100 + 212 \\ 468 &:= 2^4 + 3^2 + 4^0 + 16^0 + 21^2 = 24 + 32 + 40 + 160 + 212 \\ 468 &:= 2^4 + 3^2 + 5^0 + 15^0 + 21^2 = 24 + 32 + 50 + 150 + 212 \\ 468 &:= 2^4 + 3^2 + 6^0 + 14^0 + 21^2 = 24 + 32 + 60 + 140 + 212 \\ 468 &:= 2^4 + 3^2 + 7^0 + 13^0 + 21^2 = 24 + 32 + 70 + 130 + 212 \\ 468 &:= 2^4 + 3^2 + 8^0 + 12^0 + 21^2 = 24 + 32 + 80 + 120 + 212 \\ 468 &:= 2^4 + 3^2 + 9^0 + 11^0 + 21^2 = 24 + 32 + 90 + 110 + 212 \\ 468 &:= 2^4 + 4^0 + 10^0 + 15^2 + 15^2 = 24 + 40 + 100 + 152 + 152 \\ 468 &:= 2^4 + 4^1 + 6^1 + 13^0 + 21^2 = 24 + 41 + 61 + 130 + 212 \\ 468 &:= 2^4 + 5^0 + 9^0 + 15^2 + 15^2 = 24 + 50 + 90 + 152 + 152 \\ 468 &:= 2^4 + 5^1 + 5^1 + 13^0 + 21^2 = 24 + 51 + 51 + 130 + 212 \\ 468 &:= 2^4 + 6^0 + 8^0 + 15^2 + 15^2 = 24 + 60 + 80 + 152 + 152 \\ 468 &:= 2^4 + 7^0 + 7^0 + 15^2 + 15^2 = 24 + 70 + 70 + 152 + 152 \\ 468 &:= 2^6 + 2^7 + 4^4 + 18^0 + 19^1 = 26 + 27 + 44 + 180 + 191 \\ 468 &:= 2^6 + 2^8 + 5^3 + 14^0 + 22^1 = 26 + 28 + 53 + 140 + 221 \\ 468 &:= 2^7 + 2^8 + 8^2 + 14^0 + 19^1 = 27 + 28 + 82 + 140 + 191 \\ 468 &:= 3^0 + 3^3 + 5^2 + 15^1 + 20^2 = 30 + 33 + 52 + 151 + 202 \\ 468 &:= 3^0 + 4^3 + 11^1 + 14^2 + 14^2 = 30 + 43 + 111 + 142 + 142 \\ 468 &:= 3^0 + 9^2 + 11^2 + 11^2 + 12^2 = 30 + 92 + 112 + 112 + 122 \\ 468 &:= 3^1 + 3^2 + 11^1 + 11^2 + 18^2 = 31 + 32 + 111 + 112 + 182 \\ 468 &:= 3^1 + 4^2 + 6^2 + 13^1 + 20^2 = 31 + 42 + 62 + 131 + 202 \\ 468 &:= 3^1 + 4^3 + 11^0 + 12^2 + 16^2 = 31 + 43 + 110 + 122 + 162 \\ 468 &:= 3^1 + 4^4 + 12^1 + 13^0 + 14^2 = 31 + 44 + 121 + 130 + 142 \\ 468 &:= 3^1 + 6^1 + 11^2 + 13^2 + 13^2 = 31 + 61 + 112 + 132 + 132 \\ 468 &:= 3^1 + 6^2 + 8^1 + 14^2 + 15^2 = 31 + 62 + 81 + 142 + 152 \\ 468 &:= 3^1 + 7^1 + 8^2 + 13^2 + 15^2 = 31 + 71 + 82 + 132 + 152 \\ 468 &:= 3^1 + 7^1 + 9^2 + 11^2 + 16^2 = 31 + 71 + 92 + 112 + 162 \\ 468 &:= 3^2 + 3^2 + 7^2 + 13^0 + 20^2 = 32 + 32 + 72 + 130 + 202 \\ 468 &:= 3^2 + 4^1 + 10^1 + 11^2 + 18^2 = 32 + 41 + 101 + 112 + 182 \\ 468 &:= 3^2 + 4^2 + 9^2 + 11^0 + 19^2 = 32 + 42 + 92 + 110 + 192 \\ 468 &:= 3^2 + 5^0 + 6^3 + 15^2 + 17^1 = 32 + 50 + 63 + 152 + 171 \\ 468 &:= 3^2 + 5^1 + 9^1 + 11^2 + 18^2 = 32 + 51 + 91 + 112 + 182 \\ 468 &:= 3^2 + 5^2 + 9^0 + 12^2 + 17^2 = 32 + 52 + 90 + 122 + 172 \\ 468 &:= 3^2 + 5^3 + 9^1 + 11^0 + 18^2 = 32 + 53 + 91 + 110 + 182 \\ 468 &:= 3^2 + 6^1 + 8^1 + 11^2 + 18^2 = 32 + 61 + 81 + 112 + 182 \\ 468 &:= 3^2 + 7^0 + 8^2 + 13^2 + 15^2 = 32 + 70 + 82 + 132 + 152 \end{aligned}$$

$$\begin{aligned} 468 &:= 3^2 + 7^0 + 9^2 + 11^2 + 16^2 = 32 + 70 + 92 + 112 + 162 \\ 468 &:= 3^2 + 7^1 + 7^1 + 11^2 + 18^2 = 32 + 71 + 71 + 112 + 182 \\ 468 &:= 3^2 + 7^3 + 10^2 + 11^0 + 15^1 = 32 + 73 + 102 + 110 + 151 \\ 468 &:= 3^3 + 4^1 + 6^2 + 13^0 + 20^2 = 33 + 41 + 62 + 130 + 202 \\ 468 &:= 3^3 + 7^0 + 7^1 + 12^2 + 17^2 = 33 + 70 + 71 + 122 + 172 \\ 468 &:= 4^1 + 4^2 + 6^2 + 12^1 + 20^2 = 41 + 42 + 62 + 121 + 202 \\ 468 &:= 4^1 + 4^4 + 11^1 + 13^0 + 14^2 = 41 + 44 + 111 + 130 + 142 \\ 468 &:= 4^1 + 5^1 + 11^2 + 13^2 + 13^2 = 41 + 51 + 112 + 132 + 132 \\ 468 &:= 4^1 + 5^3 + 11^0 + 13^2 + 13^2 = 41 + 53 + 110 + 132 + 132 \\ 468 &:= 4^1 + 5^3 + 7^2 + 13^0 + 17^2 = 41 + 53 + 72 + 130 + 172 \\ 468 &:= 4^1 + 6^1 + 8^2 + 13^2 + 15^2 = 41 + 61 + 82 + 132 + 152 \\ 468 &:= 4^1 + 6^1 + 9^2 + 11^2 + 16^2 = 41 + 61 + 92 + 112 + 162 \\ 468 &:= 4^1 + 6^2 + 7^1 + 14^2 + 15^2 = 41 + 62 + 71 + 142 + 152 \\ 468 &:= 4^2 + 5^1 + 6^2 + 11^1 + 20^2 = 42 + 51 + 62 + 111 + 202 \\ 468 &:= 4^2 + 6^1 + 6^2 + 10^1 + 20^2 = 42 + 61 + 62 + 101 + 202 \\ 468 &:= 4^2 + 6^2 + 7^1 + 9^1 + 20^2 = 42 + 62 + 71 + 91 + 202 \\ 468 &:= 4^2 + 6^2 + 8^1 + 8^1 + 20^2 = 42 + 62 + 81 + 81 + 202 \\ 468 &:= 4^2 + 6^3 + 10^1 + 11^0 + 15^2 = 42 + 63 + 101 + 110 + 152 \\ 468 &:= 4^2 + 7^0 + 9^2 + 9^2 + 17^2 = 42 + 70 + 92 + 92 + 172 \\ 468 &:= 4^2 + 7^3 + 8^1 + 10^2 + 17^0 = 42 + 73 + 81 + 102 + 170 \\ 468 &:= 4^3 + 5^0 + 9^1 + 13^2 + 15^2 = 43 + 50 + 91 + 132 + 152 \\ 468 &:= 4^3 + 6^1 + 6^2 + 11^0 + 19^2 = 43 + 61 + 62 + 110 + 192 \\ 468 &:= 4^4 + 5^1 + 10^1 + 13^0 + 14^2 = 44 + 51 + 101 + 130 + 142 \\ 468 &:= 4^4 + 6^1 + 9^1 + 13^0 + 14^2 = 44 + 61 + 91 + 130 + 142 \\ 468 &:= 4^4 + 7^1 + 8^1 + 13^0 + 14^2 = 44 + 71 + 81 + 130 + 142 \\ 468 &:= 5^0 + 7^2 + 7^2 + 12^2 + 15^2 = 50 + 72 + 72 + 122 + 152 \\ 468 &:= 5^0 + 7^2 + 9^2 + 9^2 + 16^2 = 50 + 72 + 92 + 92 + 162 \\ 468 &:= 5^1 + 5^1 + 8^2 + 13^2 + 15^2 = 51 + 51 + 82 + 132 + 152 \\ 468 &:= 5^1 + 5^1 + 9^2 + 11^2 + 16^2 = 51 + 51 + 92 + 112 + 162 \\ 468 &:= 5^1 + 5^3 + 9^2 + 11^0 + 16^2 = 51 + 53 + 92 + 110 + 162 \\ 468 &:= 5^1 + 6^1 + 6^2 + 14^2 + 15^2 = 51 + 61 + 62 + 142 + 152 \\ 468 &:= 5^2 + 7^0 + 7^3 + 9^2 + 18^1 = 52 + 70 + 73 + 92 + 181 \\ 468 &:= 6^1 + 6^3 + 7^2 + 13^0 + 14^2 = 61 + 63 + 72 + 130 + 142 \\ 468 &:= 6^2 + 7^1 + 7^3 + 9^2 + 17^0 = 62 + 71 + 73 + 92 + 170 \\ 468 &:= 6^3 + 7^1 + 10^2 + 11^0 + 12^2 = 63 + 71 + 102 + 110 + 122 \\ 468 &:= 6^3 + 9^0 + 9^1 + 11^2 + 11^2 = 63 + 90 + 91 + 112 + 112 \\ 468 &:= 7^2 + 7^3 + 8^2 + 11^1 + 13^0 = 72 + 73 + 82 + 111 + 130 \end{aligned}$$

2.2.370 Number 469

$469 := 2^5 + 6^2 + 18^0 + 20^2$	$= 25 + 62 + 180 + 202$	$469 := 1^7 + 1^8 + 5^2 + 17^0 + 21^2$	$= 17 + 18 + 52 + 170 + 212$
$469 := 2^6 + 4^1 + 20^0 + 20^2$	$= 26 + 41 + 200 + 202$	$469 := 1^7 + 2^4 + 2^5 + 20^1 + 20^2$	$= 17 + 24 + 25 + 201 + 202$
$469 := 3^5 + 6^3 + 9^1 + 28^0$	$= 35 + 63 + 91 + 280$	$469 := 1^8 + 2^6 + 10^2 + 15^1 + 17^2$	$= 18 + 26 + 102 + 151 + 172$
$469 := 3^5 + 9^2 + 12^2 + 22^0$	$= 35 + 92 + 122 + 220$	$469 := 1^8 + 2^6 + 5^2 + 18^1 + 19^2$	$= 18 + 26 + 52 + 181 + 192$
$469 := 1^0 + 1^5 + 5^2 + 18^0 + 21^2$	$= 10 + 15 + 52 + 180 + 212$	$469 := 1^8 + 2^6 + 8^2 + 16^1 + 18^2$	$= 18 + 26 + 82 + 161 + 182$
$469 := 1^0 + 2^6 + 3^1 + 20^0 + 20^2$	$= 10 + 26 + 31 + 200 + 202$	$469 := 1^8 + 2^8 + 13^0 + 14^2 + 15^1$	$= 18 + 28 + 130 + 142 + 151$
$469 := 1^1 + 1^4 + 5^2 + 18^0 + 21^2$	$= 11 + 14 + 52 + 180 + 212$	$469 := 1^9 + 2^2 + 3^5 + 14^2 + 25^1$	$= 19 + 22 + 35 + 142 + 251$
$469 := 1^1 + 3^4 + 5^2 + 18^0 + 19^2$	$= 11 + 34 + 52 + 180 + 192$	$469 := 1^9 + 2^7 + 9^0 + 15^1 + 18^2$	$= 19 + 27 + 90 + 151 + 182$
$469 := 1^2 + 1^3 + 5^2 + 18^0 + 21^2$	$= 12 + 13 + 52 + 180 + 212$	$469 := 2^0 + 2^4 + 6^2 + 16^1 + 20^2$	$= 20 + 24 + 62 + 161 + 202$
$469 := 1^2 + 2^4 + 10^1 + 12^0 + 21^2$	$= 12 + 24 + 101 + 120 + 212$	$469 := 2^0 + 2^6 + 3^1 + 19^0 + 20^2$	$= 20 + 26 + 31 + 190 + 202$
$469 := 1^2 + 4^4 + 12^0 + 14^2 + 15^1$	$= 12 + 44 + 120 + 142 + 151$	$469 := 2^0 + 3^5 + 6^3 + 8^1 + 27^0$	$= 20 + 35 + 63 + 81 + 270$
$469 := 1^3 + 2^3 + 4^0 + 18^1 + 21^2$	$= 13 + 23 + 40 + 181 + 212$	$469 := 2^1 + 2^4 + 12^0 + 15^2 + 15^2$	$= 21 + 24 + 120 + 152 + 152$
$469 := 1^3 + 3^1 + 4^3 + 18^0 + 20^2$	$= 13 + 31 + 43 + 180 + 202$	$469 := 2^1 + 2^4 + 3^2 + 18^0 + 21^2$	$= 21 + 24 + 32 + 180 + 212$
$469 := 1^3 + 3^1 + 7^3 + 11^2 + 24^0$	$= 13 + 31 + 73 + 112 + 240$	$469 := 2^2 + 2^4 + 7^1 + 14^0 + 21^2$	$= 22 + 24 + 71 + 140 + 212$
$469 := 1^3 + 3^2 + 12^0 + 13^2 + 17^2$	$= 13 + 32 + 120 + 132 + 172$	$469 := 2^2 + 4^3 + 12^0 + 12^2 + 16^2$	$= 22 + 43 + 120 + 122 + 162$
$469 := 1^3 + 4^0 + 5^3 + 18^1 + 18^2$	$= 13 + 40 + 53 + 181 + 182$	$469 := 2^2 + 4^4 + 12^1 + 14^0 + 14^2$	$= 22 + 44 + 121 + 140 + 142$
$469 := 1^3 + 4^0 + 7^3 + 10^2 + 24^1$	$= 13 + 40 + 73 + 102 + 241$	$469 := 2^3 + 2^3 + 10^0 + 11^1 + 21^2$	$= 23 + 23 + 100 + 111 + 212$
$469 := 1^3 + 5^2 + 9^2 + 12^0 + 19^2$	$= 13 + 52 + 92 + 120 + 192$	$469 := 2^3 + 4^0 + 6^3 + 15^2 + 19^1$	$= 23 + 40 + 63 + 152 + 191$
$469 := 1^3 + 8^0 + 11^2 + 11^2 + 15^2$	$= 13 + 80 + 112 + 112 + 152$	$469 := 2^3 + 5^3 + 10^0 + 11^1 + 18^2$	$= 23 + 53 + 100 + 111 + 182$
$469 := 1^4 + 2^4 + 2^8 + 13^2 + 27^1$	$= 14 + 24 + 28 + 132 + 271$	$469 := 2^3 + 6^2 + 10^0 + 10^2 + 18^2$	$= 23 + 62 + 100 + 102 + 182$
$469 := 1^4 + 3^1 + 8^2 + 14^0 + 20^2$	$= 14 + 31 + 82 + 140 + 202$	$469 := 2^3 + 7^3 + 10^0 + 10^2 + 17^1$	$= 23 + 73 + 100 + 102 + 171$
$469 := 1^4 + 3^2 + 4^0 + 17^1 + 21^2$	$= 14 + 32 + 40 + 171 + 212$	$469 := 2^4 + 3^1 + 7^2 + 14^0 + 20^2$	$= 24 + 31 + 72 + 140 + 202$
$469 := 1^4 + 4^2 + 10^0 + 10^1 + 21^2$	$= 14 + 42 + 100 + 101 + 212$	$469 := 2^4 + 6^0 + 9^2 + 10^1 + 19^2$	$= 24 + 60 + 92 + 101 + 192$
$469 := 1^4 + 6^0 + 9^1 + 13^2 + 17^2$	$= 14 + 60 + 91 + 132 + 172$	$469 := 2^4 + 7^1 + 8^0 + 11^2 + 18^2$	$= 24 + 71 + 80 + 112 + 182$
$469 := 1^4 + 6^1 + 10^0 + 10^2 + 19^2$	$= 14 + 61 + 100 + 102 + 192$	$469 := 2^6 + 2^8 + 3^3 + 11^2 + 27^0$	$= 26 + 28 + 33 + 112 + 270$
$469 := 1^5 + 2^0 + 5^2 + 17^0 + 21^2$	$= 15 + 20 + 52 + 170 + 212$	$469 := 2^6 + 3^0 + 3^1 + 18^0 + 20^2$	$= 26 + 30 + 31 + 180 + 202$
$469 := 1^5 + 2^8 + 4^3 + 11^2 + 27^1$	$= 15 + 28 + 43 + 112 + 271$	$469 := 2^6 + 3^1 + 10^0 + 11^0 + 20^2$	$= 26 + 31 + 100 + 110 + 202$
$469 := 1^5 + 3^0 + 5^2 + 16^0 + 21^2$	$= 15 + 30 + 52 + 160 + 212$	$469 := 2^6 + 3^1 + 4^0 + 17^0 + 20^2$	$= 26 + 31 + 40 + 170 + 202$
$469 := 1^5 + 4^0 + 5^2 + 15^0 + 21^2$	$= 15 + 40 + 52 + 150 + 212$	$469 := 2^6 + 3^1 + 5^0 + 16^0 + 20^2$	$= 26 + 31 + 50 + 160 + 202$
$469 := 1^5 + 5^0 + 5^2 + 14^0 + 21^2$	$= 15 + 50 + 52 + 140 + 212$	$469 := 2^6 + 3^1 + 6^0 + 15^0 + 20^2$	$= 26 + 31 + 60 + 150 + 202$
$469 := 1^5 + 5^2 + 6^0 + 13^0 + 21^2$	$= 15 + 52 + 60 + 130 + 212$	$469 := 2^6 + 3^1 + 7^0 + 14^0 + 20^2$	$= 26 + 31 + 70 + 140 + 202$
$469 := 1^5 + 5^2 + 7^0 + 12^0 + 21^2$	$= 15 + 52 + 70 + 120 + 212$	$469 := 2^6 + 3^1 + 8^0 + 13^0 + 20^2$	$= 26 + 31 + 80 + 130 + 202$
$469 := 1^5 + 5^2 + 8^0 + 11^0 + 21^2$	$= 15 + 52 + 80 + 110 + 212$	$469 := 2^6 + 3^1 + 9^0 + 12^0 + 20^2$	$= 26 + 31 + 90 + 120 + 202$
$469 := 1^5 + 5^2 + 9^0 + 10^0 + 21^2$	$= 15 + 52 + 90 + 100 + 212$	$469 := 2^7 + 2^8 + 4^3 + 17^0 + 20^1$	$= 27 + 28 + 43 + 170 + 201$
$469 := 1^6 + 1^9 + 5^2 + 17^0 + 21^2$	$= 16 + 19 + 52 + 170 + 212$	$469 := 3^0 + 3^5 + 6^3 + 8^1 + 26^0$	$= 30 + 35 + 63 + 81 + 260$
$469 := 1^6 + 2^6 + 4^4 + 11^2 + 27^1$	$= 16 + 26 + 44 + 112 + 271$	$469 := 3^2 + 3^4 + 4^0 + 17^1 + 19^2$	$= 32 + 34 + 40 + 171 + 192$

$469 := 3^2 + 4^0 + 6^3 + 6^3 + 27^1$	$= 32 + 40 + 63 + 63 + 271$	$469 := 3^5 + 6^3 + 8^1 + 12^0 + 17^0$	$= 35 + 63 + 81 + 120 + 170$
$469 := 3^2 + 4^2 + 7^3 + 10^2 + 22^0$	$= 32 + 42 + 73 + 102 + 220$	$469 := 3^5 + 6^3 + 8^1 + 13^0 + 16^0$	$= 35 + 63 + 81 + 130 + 160$
$469 := 3^2 + 4^4 + 7^1 + 14^2 + 18^0$	$= 32 + 44 + 71 + 142 + 180$	$469 := 3^5 + 6^3 + 8^1 + 14^0 + 15^0$	$= 35 + 63 + 81 + 140 + 150$
$469 := 3^3 + 3^3 + 6^0 + 14^1 + 20^2$	$= 33 + 33 + 60 + 141 + 202$	$469 := 3^5 + 6^3 + 8^1 + 9^0 + 20^0$	$= 35 + 63 + 81 + 90 + 200$
$469 := 3^3 + 4^0 + 4^3 + 16^1 + 19^2$	$= 33 + 40 + 43 + 161 + 192$	$469 := 4^0 + 4^3 + 4^3 + 16^1 + 18^2$	$= 40 + 43 + 43 + 161 + 182$
$469 := 3^3 + 4^2 + 10^0 + 13^2 + 16^2$	$= 33 + 42 + 100 + 132 + 162$	$469 := 4^0 + 4^3 + 6^2 + 7^3 + 25^1$	$= 40 + 43 + 62 + 73 + 251$
$469 := 3^3 + 4^2 + 5^2 + 14^0 + 20^2$	$= 33 + 42 + 52 + 140 + 202$	$469 := 4^0 + 4^3 + 6^3 + 13^2 + 19^1$	$= 40 + 43 + 63 + 132 + 191$
$469 := 3^3 + 4^2 + 8^2 + 12^0 + 19^2$	$= 33 + 42 + 82 + 120 + 192$	$469 := 4^0 + 4^4 + 7^2 + 12^2 + 19^1$	$= 40 + 44 + 72 + 122 + 191$
$469 := 3^3 + 6^2 + 9^2 + 10^0 + 18^2$	$= 33 + 62 + 92 + 100 + 182$	$469 := 4^1 + 4^4 + 8^2 + 12^2 + 18^0$	$= 41 + 44 + 82 + 122 + 180$
$469 := 3^3 + 7^2 + 8^0 + 14^2 + 14^2$	$= 33 + 72 + 80 + 142 + 142$	$469 := 4^2 + 4^3 + 8^2 + 12^0 + 18^2$	$= 42 + 43 + 82 + 120 + 182$
$469 := 3^3 + 7^3 + 9^2 + 10^0 + 17^1$	$= 33 + 73 + 92 + 100 + 171$	$469 := 4^2 + 6^3 + 6^3 + 10^0 + 20^1$	$= 42 + 63 + 63 + 100 + 201$
$469 := 3^3 + 8^0 + 8^2 + 11^2 + 16^2$	$= 33 + 80 + 82 + 112 + 162$	$469 := 4^3 + 7^2 + 7^3 + 12^1 + 16^0$	$= 43 + 72 + 73 + 121 + 160$
$469 := 3^4 + 4^0 + 7^2 + 14^1 + 18^2$	$= 34 + 40 + 72 + 141 + 182$	$469 := 4^3 + 8^0 + 8^2 + 12^2 + 14^2$	$= 43 + 80 + 82 + 122 + 142$
$469 := 3^4 + 4^2 + 10^0 + 10^1 + 19^2$	$= 34 + 42 + 100 + 101 + 192$	$469 := 4^4 + 10^0 + 10^2 + 10^2 + 12^1$	$= 44 + 100 + 102 + 102 + 121$
$469 := 3^4 + 6^0 + 10^1 + 11^2 + 16^2$	$= 34 + 60 + 101 + 112 + 162$	$469 := 4^4 + 5^2 + 6^0 + 13^2 + 18^1$	$= 44 + 52 + 60 + 132 + 181$
$469 := 3^5 + 4^0 + 6^3 + 8^1 + 25^0$	$= 35 + 40 + 63 + 81 + 250$	$469 := 4^4 + 6^2 + 7^1 + 13^2 + 16^0$	$= 44 + 62 + 71 + 132 + 160$
$469 := 3^5 + 5^0 + 6^3 + 8^1 + 24^0$	$= 35 + 50 + 63 + 81 + 240$	$469 := 4^4 + 9^2 + 10^1 + 11^2 + 12^0$	$= 44 + 92 + 101 + 112 + 120$
$469 := 3^5 + 6^0 + 6^3 + 8^1 + 23^0$	$= 35 + 60 + 63 + 81 + 230$	$469 := 5^2 + 6^2 + 7^3 + 8^2 + 20^0$	$= 52 + 62 + 73 + 82 + 200$
$469 := 3^5 + 6^3 + 7^0 + 8^1 + 22^0$	$= 35 + 63 + 70 + 81 + 220$	$469 := 5^2 + 6^3 + 6^3 + 11^1 + 18^0$	$= 52 + 63 + 63 + 111 + 180$
$469 := 3^5 + 6^3 + 8^0 + 8^1 + 21^0$	$= 35 + 63 + 80 + 81 + 210$	$469 := 5^3 + 6^1 + 6^3 + 11^2 + 18^0$	$= 53 + 61 + 63 + 112 + 180$
$469 := 3^5 + 6^3 + 8^1 + 10^0 + 19^0$	$= 35 + 63 + 81 + 100 + 190$		
$469 := 3^5 + 6^3 + 8^1 + 11^0 + 18^0$	$= 35 + 63 + 81 + 110 + 180$		

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$470 := 1^3 + 3^5 + 15^2 + 27^0$	$= 13 + 35 + 152 + 270$	$470 := 1^1 + 2^6 + 4^1 + 19^0 + 20^2$	$= 11 + 26 + 41 + 190 + 202$
$470 := 1^4 + 5^3 + 7^3 + 33^0$	$= 14 + 53 + 73 + 330$	$470 := 1^1 + 3^5 + 6^3 + 9^1 + 27^0$	$= 11 + 35 + 63 + 91 + 270$
$470 := 1^5 + 3^3 + 21^0 + 21^2$	$= 15 + 33 + 210 + 212$	$470 := 1^1 + 3^5 + 9^2 + 12^2 + 21^0$	$= 11 + 35 + 92 + 122 + 210$
$470 := 1^6 + 12^2 + 15^0 + 18^2$	$= 16 + 122 + 150 + 182$	$470 := 1^2 + 2^4 + 13^0 + 14^2 + 16^2$	$= 12 + 24 + 130 + 142 + 162$
$470 := 2^2 + 3^5 + 14^2 + 27^1$	$= 22 + 35 + 142 + 271$	$470 := 1^2 + 3^3 + 5^2 + 17^1 + 20^2$	$= 12 + 33 + 52 + 171 + 202$
$470 := 2^6 + 9^2 + 17^0 + 18^2$	$= 26 + 92 + 170 + 182$	$470 := 1^2 + 3^3 + 6^3 + 15^2 + 21^0$	$= 12 + 33 + 63 + 152 + 210$
$470 := 2^7 + 9^0 + 17^1 + 18^2$	$= 27 + 90 + 171 + 182$	$470 := 1^2 + 4^2 + 4^4 + 14^2 + 23^0$	$= 12 + 42 + 44 + 142 + 230$
$470 := 1^0 + 2^2 + 2^6 + 20^2 + 21^0$	$= 10 + 22 + 26 + 202 + 210$	$470 := 1^2 + 4^3 + 13^1 + 14^2 + 14^2$	$= 12 + 43 + 131 + 142 + 142$
$470 := 1^0 + 2^2 + 3^5 + 14^2 + 26^1$	$= 10 + 22 + 35 + 142 + 261$	$470 := 1^2 + 6^2 + 6^3 + 6^3 + 27^0$	$= 12 + 62 + 63 + 63 + 270$
$470 := 1^0 + 2^4 + 4^4 + 14^2 + 25^0$	$= 10 + 24 + 44 + 142 + 250$	$470 := 1^3 + 2^2 + 13^1 + 14^2 + 16^2$	$= 13 + 22 + 131 + 142 + 162$
$470 := 1^0 + 2^7 + 9^0 + 16^1 + 18^2$	$= 10 + 27 + 90 + 161 + 182$	$470 := 1^3 + 2^2 + 2^2 + 20^1 + 21^2$	$= 13 + 22 + 22 + 201 + 212$
$470 := 1^0 + 3^5 + 5^3 + 10^2 + 27^0$	$= 10 + 35 + 53 + 102 + 270$	$470 := 1^3 + 2^2 + 4^3 + 19^0 + 20^2$	$= 13 + 22 + 43 + 190 + 202$
$470 := 1^1 + 2^4 + 6^2 + 17^1 + 20^2$	$= 11 + 24 + 62 + 171 + 202$	$470 := 1^3 + 2^2 + 7^2 + 16^1 + 20^2$	$= 13 + 22 + 72 + 161 + 202$
$470 := 1^1 + 2^5 + 6^2 + 17^0 + 20^2$	$= 11 + 25 + 62 + 170 + 202$	$470 := 1^3 + 2^2 + 7^3 + 11^2 + 25^0$	$= 13 + 22 + 73 + 112 + 250$

$$\begin{aligned}470 &:= 1^3 + 2^4 + 11^0 + 11^1 + 21^2 = 13 + 24 + 110 + 111 + 212 \\470 &:= 1^3 + 4^4 + 11^0 + 14^2 + 16^1 = 13 + 44 + 110 + 142 + 161 \\470 &:= 1^3 + 5^2 + 11^1 + 12^2 + 17^2 = 13 + 52 + 111 + 122 + 172 \\470 &:= 1^3 + 5^2 + 7^3 + 10^2 + 23^0 = 13 + 52 + 73 + 102 + 230 \\470 &:= 1^3 + 7^2 + 10^1 + 11^2 + 17^2 = 13 + 72 + 101 + 112 + 172 \\470 &:= 1^3 + 8^1 + 11^2 + 12^2 + 14^2 = 13 + 81 + 112 + 122 + 142 \\470 &:= 1^4 + 2^2 + 8^2 + 15^0 + 20^2 = 14 + 22 + 82 + 150 + 202 \\470 &:= 1^4 + 2^3 + 3^0 + 19^1 + 21^2 = 14 + 23 + 30 + 191 + 212 \\470 &:= 1^4 + 3^0 + 5^3 + 18^2 + 19^1 = 14 + 30 + 53 + 182 + 191 \\470 &:= 1^4 + 3^0 + 7^3 + 10^2 + 25^1 = 14 + 30 + 73 + 102 + 251 \\470 &:= 1^4 + 4^1 + 4^3 + 17^0 + 20^2 = 14 + 41 + 43 + 170 + 202 \\470 &:= 1^4 + 4^1 + 7^3 + 11^2 + 23^0 = 14 + 41 + 73 + 112 + 230 \\470 &:= 1^4 + 4^2 + 11^0 + 14^2 + 16^2 = 14 + 42 + 110 + 142 + 162 \\470 &:= 1^5 + 2^1 + 5^2 + 17^0 + 21^2 = 15 + 21 + 52 + 170 + 212 \\470 &:= 1^5 + 3^0 + 3^2 + 18^1 + 21^2 = 15 + 30 + 32 + 181 + 212 \\470 &:= 1^5 + 4^1 + 8^2 + 13^0 + 20^2 = 15 + 41 + 82 + 130 + 202 \\470 &:= 1^5 + 4^2 + 9^0 + 11^1 + 21^2 = 15 + 42 + 90 + 111 + 212 \\470 &:= 1^5 + 5^0 + 10^1 + 13^2 + 17^2 = 15 + 50 + 101 + 132 + 172 \\470 &:= 1^5 + 7^1 + 9^0 + 10^2 + 19^2 = 15 + 71 + 90 + 102 + 192 \\470 &:= 1^6 + 2^4 + 2^8 + 14^2 + 26^0 = 16 + 24 + 28 + 142 + 260 \\470 &:= 1^7 + 2^4 + 2^7 + 18^2 + 22^0 = 17 + 24 + 27 + 182 + 220 \\470 &:= 1^8 + 2^8 + 4^2 + 14^2 + 24^0 = 18 + 28 + 42 + 142 + 240 \\470 &:= 1^9 + 2^7 + 12^2 + 14^2 + 16^0 = 19 + 27 + 122 + 142 + 160 \\470 &:= 1^9 + 2^7 + 4^2 + 18^2 + 20^0 = 19 + 27 + 42 + 182 + 200 \\470 &:= 1^9 + 2^8 + 12^0 + 14^2 + 16^1 = 19 + 28 + 120 + 142 + 161 \\470 &:= 1^9 + 3^4 + 3^5 + 12^2 + 26^0 = 19 + 34 + 35 + 122 + 260 \\470 &:= 2^0 + 2^2 + 2^6 + 20^0 + 20^2 = 20 + 22 + 26 + 200 + 202 \\470 &:= 2^0 + 2^4 + 4^4 + 14^2 + 24^0 = 20 + 24 + 44 + 142 + 240 \\470 &:= 2^0 + 2^7 + 8^0 + 16^1 + 18^2 = 20 + 27 + 80 + 161 + 182 \\470 &:= 2^0 + 3^5 + 5^3 + 10^2 + 26^0 = 20 + 35 + 53 + 102 + 260 \\470 &:= 2^1 + 2^4 + 6^2 + 16^1 + 20^2 = 21 + 24 + 62 + 161 + 202 \\470 &:= 2^1 + 2^6 + 3^1 + 19^0 + 20^2 = 21 + 26 + 31 + 190 + 202 \\470 &:= 2^1 + 3^5 + 6^3 + 8^1 + 27^0 = 21 + 35 + 63 + 81 + 270 \\470 &:= 2^2 + 2^2 + 6^3 + 15^2 + 21^1 = 22 + 22 + 63 + 152 + 211 \\470 &:= 2^2 + 2^3 + 11^2 + 13^1 + 18^2 = 22 + 23 + 112 + 131 + 182 \\470 &:= 2^2 + 2^4 + 7^2 + 15^0 + 20^2 = 22 + 24 + 72 + 150 + 202 \\470 &:= 2^2 + 2^6 + 10^0 + 12^0 + 20^2 = 22 + 26 + 100 + 120 + 202 \\470 &:= 2^2 + 2^6 + 11^0 + 11^0 + 20^2 = 22 + 26 + 110 + 110 + 202\end{aligned}$$

$$\begin{aligned}470 &:= 2^2 + 2^6 + 3^0 + 19^0 + 20^2 = 22 + 26 + 30 + 190 + 202 \\470 &:= 2^2 + 2^6 + 4^0 + 18^0 + 20^2 = 22 + 26 + 40 + 180 + 202 \\470 &:= 2^2 + 2^6 + 5^0 + 17^0 + 20^2 = 22 + 26 + 50 + 170 + 202 \\470 &:= 2^2 + 2^6 + 6^0 + 16^0 + 20^2 = 22 + 26 + 60 + 160 + 202 \\470 &:= 2^2 + 2^6 + 7^0 + 15^0 + 20^2 = 22 + 26 + 70 + 150 + 202 \\470 &:= 2^2 + 2^6 + 8^0 + 14^0 + 20^2 = 22 + 26 + 80 + 140 + 202 \\470 &:= 2^2 + 2^6 + 9^0 + 13^0 + 20^2 = 22 + 26 + 90 + 130 + 202 \\470 &:= 2^2 + 3^3 + 8^2 + 14^1 + 19^2 = 22 + 33 + 82 + 141 + 192 \\470 &:= 2^2 + 4^3 + 10^2 + 13^1 + 17^2 = 22 + 43 + 102 + 131 + 172 \\470 &:= 2^2 + 4^3 + 5^2 + 16^1 + 19^2 = 22 + 43 + 52 + 161 + 192 \\470 &:= 2^2 + 4^3 + 8^2 + 14^1 + 18^2 = 22 + 43 + 82 + 141 + 182 \\470 &:= 2^2 + 5^3 + 6^2 + 16^1 + 17^2 = 22 + 53 + 62 + 161 + 172 \\470 &:= 2^2 + 6^2 + 6^3 + 14^2 + 18^1 = 22 + 62 + 63 + 142 + 181 \\470 &:= 2^2 + 6^2 + 7^3 + 8^2 + 23^1 = 22 + 62 + 73 + 82 + 231 \\470 &:= 2^2 + 6^3 + 8^2 + 13^2 + 17^1 = 22 + 63 + 82 + 132 + 171 \\470 &:= 2^3 + 2^4 + 4^1 + 17^0 + 21^2 = 23 + 24 + 41 + 170 + 212 \\470 &:= 2^3 + 3^0 + 3^4 + 19^1 + 19^2 = 23 + 30 + 34 + 191 + 192 \\470 &:= 2^3 + 4^3 + 6^2 + 15^0 + 19^2 = 23 + 43 + 62 + 150 + 192 \\470 &:= 2^3 + 4^4 + 9^1 + 14^2 + 17^0 = 23 + 44 + 91 + 142 + 170 \\470 &:= 2^3 + 5^2 + 8^2 + 12^1 + 19^2 = 23 + 52 + 82 + 121 + 192 \\470 &:= 2^3 + 6^3 + 7^2 + 14^2 + 17^0 = 23 + 63 + 72 + 142 + 170 \\470 &:= 2^3 + 8^2 + 8^2 + 10^1 + 18^2 = 23 + 82 + 82 + 101 + 182 \\470 &:= 2^3 + 8^2 + 9^1 + 10^2 + 17^2 = 23 + 82 + 91 + 102 + 172 \\470 &:= 2^4 + 3^0 + 4^4 + 14^2 + 23^0 = 24 + 30 + 44 + 142 + 230 \\470 &:= 2^4 + 3^1 + 6^2 + 15^1 + 20^2 = 24 + 31 + 62 + 151 + 202 \\470 &:= 2^4 + 4^0 + 4^4 + 14^2 + 22^0 = 24 + 40 + 44 + 142 + 220 \\470 &:= 2^4 + 4^1 + 5^3 + 17^0 + 18^2 = 24 + 41 + 53 + 170 + 182 \\470 &:= 2^4 + 4^1 + 6^2 + 14^1 + 20^2 = 24 + 41 + 62 + 141 + 202 \\470 &:= 2^4 + 4^4 + 10^0 + 14^2 + 16^0 = 24 + 44 + 100 + 142 + 160 \\470 &:= 2^4 + 4^4 + 11^0 + 14^2 + 15^0 = 24 + 44 + 110 + 142 + 150 \\470 &:= 2^4 + 4^4 + 12^0 + 14^0 + 14^2 = 24 + 44 + 120 + 140 + 142 \\470 &:= 2^4 + 4^4 + 13^0 + 13^0 + 14^2 = 24 + 44 + 130 + 130 + 142 \\470 &:= 2^4 + 4^4 + 5^0 + 14^2 + 21^0 = 24 + 44 + 50 + 142 + 210 \\470 &:= 2^4 + 4^4 + 6^0 + 14^2 + 20^0 = 24 + 44 + 60 + 142 + 200 \\470 &:= 2^4 + 4^4 + 7^0 + 14^2 + 19^0 = 24 + 44 + 70 + 142 + 190 \\470 &:= 2^4 + 4^4 + 8^0 + 14^2 + 18^0 = 24 + 44 + 80 + 142 + 180 \\470 &:= 2^4 + 4^4 + 9^0 + 14^2 + 17^0 = 24 + 44 + 90 + 142 + 170 \\470 &:= 2^4 + 5^1 + 6^2 + 13^1 + 20^2 = 24 + 51 + 62 + 131 + 202\end{aligned}$$

$$\begin{aligned}470 &:= 2^4 + 6^1 + 6^2 + 12^1 + 20^2 = 24 + 61 + 62 + 121 + 202 \\470 &:= 2^4 + 6^2 + 7^1 + 11^1 + 20^2 = 24 + 62 + 71 + 111 + 202 \\470 &:= 2^4 + 6^2 + 8^1 + 10^1 + 20^2 = 24 + 62 + 81 + 101 + 202 \\470 &:= 2^4 + 6^2 + 9^1 + 9^1 + 20^2 = 24 + 62 + 91 + 91 + 202 \\470 &:= 2^4 + 6^3 + 11^0 + 12^1 + 15^2 = 24 + 63 + 110 + 121 + 152 \\470 &:= 2^4 + 7^3 + 10^1 + 10^2 + 17^0 = 24 + 73 + 101 + 102 + 170 \\470 &:= 2^4 + 8^2 + 9^0 + 10^2 + 17^2 = 24 + 82 + 90 + 102 + 172 \\470 &:= 2^5 + 3^0 + 10^2 + 13^1 + 18^2 = 25 + 30 + 102 + 131 + 182 \\470 &:= 2^5 + 3^0 + 12^1 + 13^2 + 16^2 = 25 + 30 + 121 + 132 + 162 \\470 &:= 2^5 + 4^1 + 11^0 + 12^2 + 17^2 = 25 + 41 + 110 + 122 + 172 \\470 &:= 2^5 + 5^0 + 8^2 + 12^1 + 19^2 = 25 + 50 + 82 + 121 + 192 \\470 &:= 2^5 + 5^2 + 7^0 + 12^1 + 20^2 = 25 + 52 + 70 + 121 + 202 \\470 &:= 2^7 + 3^0 + 7^0 + 16^1 + 18^2 = 27 + 30 + 70 + 161 + 182 \\470 &:= 2^7 + 4^0 + 6^0 + 16^1 + 18^2 = 27 + 40 + 60 + 161 + 182 \\470 &:= 2^7 + 5^0 + 5^0 + 16^1 + 18^2 = 27 + 50 + 50 + 161 + 182 \\470 &:= 3^0 + 3^5 + 5^3 + 10^2 + 25^0 = 30 + 35 + 53 + 102 + 250 \\470 &:= 3^0 + 3^5 + 6^2 + 13^2 + 21^1 = 30 + 35 + 62 + 132 + 211 \\470 &:= 3^1 + 3^4 + 6^3 + 13^2 + 21^0 = 31 + 34 + 63 + 132 + 210 \\470 &:= 3^1 + 3^5 + 6^3 + 7^1 + 27^0 = 31 + 35 + 63 + 71 + 270 \\470 &:= 3^1 + 5^3 + 5^3 + 6^3 + 27^0 = 31 + 53 + 53 + 63 + 270 \\470 &:= 3^2 + 3^5 + 5^0 + 14^2 + 21^1 = 32 + 35 + 50 + 142 + 211 \\470 &:= 3^2 + 3^5 + 6^3 + 10^0 + 24^0 = 32 + 35 + 63 + 100 + 240 \\470 &:= 3^2 + 3^5 + 6^3 + 11^0 + 23^0 = 32 + 35 + 63 + 110 + 230 \\470 &:= 3^2 + 3^5 + 6^3 + 12^0 + 22^0 = 32 + 35 + 63 + 120 + 220 \\470 &:= 3^2 + 3^5 + 6^3 + 13^0 + 21^0 = 32 + 35 + 63 + 130 + 210 \\470 &:= 3^2 + 3^5 + 6^3 + 14^0 + 20^0 = 32 + 35 + 63 + 140 + 200 \\470 &:= 3^2 + 3^5 + 6^3 + 15^0 + 19^0 = 32 + 35 + 63 + 150 + 190 \\470 &:= 3^2 + 3^5 + 6^3 + 16^0 + 18^0 = 32 + 35 + 63 + 160 + 180 \\470 &:= 3^2 + 3^5 + 6^3 + 17^0 + 17^0 = 32 + 35 + 63 + 170 + 170 \\470 &:= 3^2 + 3^5 + 6^3 + 7^0 + 27^0 = 32 + 35 + 63 + 70 + 270 \\470 &:= 3^2 + 3^5 + 6^3 + 8^0 + 26^0 = 32 + 35 + 63 + 80 + 260 \\470 &:= 3^2 + 3^5 + 6^3 + 9^0 + 25^0 = 32 + 35 + 63 + 90 + 250 \\470 &:= 3^3 + 4^4 + 9^0 + 13^2 + 17^1 = 33 + 44 + 90 + 132 + 171 \\470 &:= 3^3 + 5^3 + 11^2 + 13^0 + 14^2 = 33 + 53 + 112 + 130 + 142 \\470 &:= 3^3 + 6^3 + 6^3 + 10^1 + 21^0 = 33 + 63 + 63 + 101 + 210 \\470 &:= 3^3 + 8^2 + 9^1 + 9^2 + 17^2 = 33 + 82 + 91 + 92 + 172 \\470 &:= 3^4 + 5^2 + 7^3 + 11^0 + 20^1 = 34 + 52 + 73 + 110 + 201 \\470 &:= 3^4 + 5^3 + 7^1 + 15^0 + 16^2 = 34 + 53 + 71 + 150 + 162\end{aligned}$$

$$\begin{aligned}470 &:= 3^4 + 6^2 + 7^3 + 9^1 + 21^0 = 34 + 62 + 73 + 91 + 210 \\470 &:= 3^4 + 9^0 + 10^2 + 12^2 + 12^2 = 34 + 90 + 102 + 122 + 122 \\470 &:= 3^5 + 4^0 + 5^3 + 10^2 + 24^0 = 35 + 40 + 53 + 102 + 240 \\470 &:= 3^5 + 4^1 + 6^1 + 6^3 + 27^0 = 35 + 41 + 61 + 63 + 270 \\470 &:= 3^5 + 4^2 + 11^0 + 14^1 + 14^2 = 35 + 42 + 110 + 141 + 142 \\470 &:= 3^5 + 5^0 + 5^3 + 10^2 + 23^0 = 35 + 50 + 53 + 102 + 230 \\470 &:= 3^5 + 5^0 + 8^2 + 12^2 + 18^1 = 35 + 50 + 82 + 122 + 181 \\470 &:= 3^5 + 5^1 + 10^2 + 11^2 + 17^0 = 35 + 51 + 102 + 112 + 170 \\470 &:= 3^5 + 5^1 + 5^1 + 6^3 + 27^0 = 35 + 51 + 51 + 63 + 270 \\470 &:= 3^5 + 5^1 + 5^2 + 14^2 + 19^0 = 35 + 51 + 52 + 142 + 190 \\470 &:= 3^5 + 5^3 + 10^0 + 10^2 + 18^0 = 35 + 53 + 100 + 102 + 180 \\470 &:= 3^5 + 5^3 + 10^2 + 11^0 + 17^0 = 35 + 53 + 102 + 110 + 170 \\470 &:= 3^5 + 5^3 + 10^2 + 12^0 + 16^0 = 35 + 53 + 102 + 120 + 160 \\470 &:= 3^5 + 5^3 + 10^2 + 13^0 + 15^0 = 35 + 53 + 102 + 130 + 150 \\470 &:= 3^5 + 5^3 + 10^2 + 14^0 + 14^0 = 35 + 53 + 102 + 140 + 140 \\470 &:= 3^5 + 5^3 + 6^0 + 10^2 + 22^0 = 35 + 53 + 60 + 102 + 220 \\470 &:= 3^5 + 5^3 + 7^0 + 10^2 + 21^0 = 35 + 53 + 70 + 102 + 210 \\470 &:= 3^5 + 5^3 + 8^0 + 10^2 + 20^0 = 35 + 53 + 80 + 102 + 200 \\470 &:= 3^5 + 5^3 + 9^0 + 10^2 + 19^0 = 35 + 53 + 90 + 102 + 190 \\470 &:= 3^5 + 7^2 + 8^1 + 13^2 + 15^0 = 35 + 72 + 81 + 132 + 150 \\470 &:= 4^2 + 5^2 + 5^3 + 15^1 + 17^2 = 42 + 52 + 53 + 151 + 172 \\470 &:= 4^2 + 5^2 + 6^3 + 14^2 + 17^1 = 42 + 52 + 63 + 142 + 171 \\470 &:= 4^2 + 5^2 + 7^3 + 8^2 + 22^1 = 42 + 52 + 73 + 82 + 221 \\470 &:= 4^2 + 5^3 + 11^2 + 12^1 + 14^2 = 42 + 53 + 112 + 121 + 142 \\470 &:= 4^2 + 8^2 + 10^2 + 11^2 + 13^2 = 42 + 82 + 102 + 112 + 132 \\470 &:= 4^3 + 4^4 + 5^1 + 12^2 + 21^0 = 43 + 44 + 51 + 122 + 210 \\470 &:= 4^3 + 5^2 + 9^2 + 11^1 + 17^2 = 43 + 52 + 92 + 111 + 172 \\470 &:= 4^3 + 8^1 + 9^2 + 11^2 + 14^2 = 43 + 81 + 92 + 112 + 142 \\470 &:= 4^4 + 5^0 + 5^3 + 8^2 + 24^1 = 44 + 50 + 53 + 82 + 241 \\470 &:= 4^4 + 5^3 + 7^1 + 9^2 + 21^0 = 44 + 53 + 71 + 92 + 210 \\470 &:= 4^4 + 7^2 + 8^2 + 10^2 + 17^0 = 44 + 72 + 82 + 102 + 170 \\470 &:= 5^2 + 6^2 + 11^2 + 12^2 + 12^2 = 52 + 62 + 112 + 122 + 122 \\470 &:= 5^2 + 7^2 + 10^2 + 10^2 + 14^2 = 52 + 72 + 102 + 102 + 142 \\470 &:= 5^2 + 8^2 + 8^2 + 11^2 + 14^2 = 52 + 82 + 82 + 112 + 142 \\470 &:= 5^3 + 6^3 + 8^2 + 8^2 + 19^0 = 53 + 63 + 82 + 82 + 190 \\470 &:= 6^2 + 6^2 + 9^2 + 11^2 + 14^2 = 62 + 62 + 92 + 112 + 142 \\470 &:= 6^2 + 8^2 + 8^2 + 9^2 + 15^2 = 62 + 82 + 82 + 92 + 152\end{aligned}$$

2.2.372 Number 471

$$\begin{aligned} 471 &:= 2^8 + 12^0 + 14^2 + 18^1 = 28 + 120 + 142 + 181 \\ 471 &:= 1^0 + 1^4 + 3^5 + 15^2 + 26^0 = 10 + 14 + 35 + 152 + 260 \\ 471 &:= 1^0 + 1^6 + 3^3 + 20^0 + 21^2 = 10 + 16 + 33 + 200 + 212 \\ 471 &:= 1^0 + 1^7 + 12^2 + 14^0 + 18^2 = 10 + 17 + 122 + 140 + 182 \\ 471 &:= 1^0 + 2^8 + 12^0 + 14^2 + 17^1 = 10 + 28 + 120 + 142 + 171 \\ 471 &:= 1^1 + 1^3 + 3^5 + 15^2 + 26^0 = 11 + 13 + 35 + 152 + 260 \\ 471 &:= 1^1 + 1^5 + 3^3 + 20^0 + 21^2 = 11 + 15 + 33 + 200 + 212 \\ 471 &:= 1^1 + 1^6 + 12^2 + 14^0 + 18^2 = 11 + 16 + 122 + 140 + 182 \\ 471 &:= 1^1 + 2^6 + 9^2 + 16^0 + 18^2 = 11 + 26 + 92 + 160 + 182 \\ 471 &:= 1^1 + 2^7 + 8^0 + 17^1 + 18^2 = 11 + 27 + 80 + 171 + 182 \\ 471 &:= 1^2 + 1^2 + 3^5 + 15^2 + 26^0 = 12 + 12 + 35 + 152 + 260 \\ 471 &:= 1^2 + 1^4 + 3^3 + 20^0 + 21^2 = 12 + 14 + 33 + 200 + 212 \\ 471 &:= 1^2 + 1^5 + 12^2 + 14^0 + 18^2 = 12 + 15 + 122 + 140 + 182 \\ 471 &:= 1^2 + 2^6 + 5^1 + 18^0 + 20^2 = 12 + 26 + 51 + 180 + 202 \\ 471 &:= 1^2 + 3^3 + 3^4 + 19^2 + 20^0 = 12 + 33 + 34 + 192 + 200 \\ 471 &:= 1^2 + 3^4 + 4^3 + 18^2 + 20^0 = 12 + 34 + 43 + 182 + 200 \\ 471 &:= 1^2 + 3^5 + 6^3 + 10^1 + 26^0 = 12 + 35 + 63 + 101 + 260 \\ 471 &:= 1^3 + 1^3 + 3^3 + 20^0 + 21^2 = 13 + 13 + 33 + 200 + 212 \\ 471 &:= 1^3 + 1^4 + 12^2 + 14^0 + 18^2 = 13 + 14 + 122 + 140 + 182 \\ 471 &:= 1^3 + 3^4 + 8^2 + 16^0 + 18^2 = 13 + 34 + 82 + 160 + 182 \\ 471 &:= 1^4 + 2^0 + 3^5 + 15^2 + 25^0 = 14 + 20 + 35 + 152 + 250 \\ 471 &:= 1^4 + 2^3 + 10^2 + 14^0 + 19^2 = 14 + 23 + 102 + 140 + 192 \\ 471 &:= 1^4 + 2^4 + 10^0 + 12^1 + 21^2 = 14 + 24 + 100 + 121 + 212 \\ 471 &:= 1^4 + 3^0 + 3^5 + 15^2 + 24^0 = 14 + 30 + 35 + 152 + 240 \\ 471 &:= 1^4 + 3^3 + 9^2 + 14^0 + 19^2 = 14 + 33 + 92 + 140 + 192 \\ 471 &:= 1^4 + 3^5 + 10^0 + 15^2 + 17^0 = 14 + 35 + 100 + 152 + 170 \\ 471 &:= 1^4 + 3^5 + 11^0 + 15^2 + 16^0 = 14 + 35 + 110 + 152 + 160 \\ 471 &:= 1^4 + 3^5 + 12^0 + 15^0 + 15^2 = 14 + 35 + 120 + 150 + 152 \\ 471 &:= 1^4 + 3^5 + 13^0 + 14^0 + 15^2 = 14 + 35 + 130 + 140 + 152 \\ 471 &:= 1^4 + 3^5 + 4^0 + 15^2 + 23^0 = 14 + 35 + 40 + 152 + 230 \\ 471 &:= 1^4 + 3^5 + 5^0 + 15^2 + 22^0 = 14 + 35 + 50 + 152 + 220 \\ 471 &:= 1^4 + 3^5 + 6^0 + 15^2 + 21^0 = 14 + 35 + 60 + 152 + 210 \\ 471 &:= 1^4 + 3^5 + 7^0 + 15^2 + 20^0 = 14 + 35 + 70 + 152 + 200 \\ 471 &:= 1^4 + 3^5 + 8^0 + 15^2 + 19^0 = 14 + 35 + 80 + 152 + 190 \\ 471 &:= 1^4 + 3^5 + 9^0 + 15^2 + 18^0 = 14 + 35 + 90 + 152 + 180 \\ 471 &:= 1^4 + 4^3 + 9^2 + 14^0 + 18^2 = 14 + 43 + 92 + 140 + 182 \end{aligned}$$

$$\begin{aligned} 471 &:= 1^4 + 4^4 + 10^0 + 14^2 + 17^1 = 14 + 44 + 100 + 142 + 171 \\ 471 &:= 1^5 + 1^9 + 3^5 + 15^2 + 25^0 = 15 + 19 + 35 + 152 + 250 \\ 471 &:= 1^5 + 2^0 + 2^3 + 20^1 + 21^2 = 15 + 20 + 23 + 201 + 212 \\ 471 &:= 1^5 + 2^0 + 5^3 + 18^2 + 20^1 = 15 + 20 + 53 + 182 + 201 \\ 471 &:= 1^5 + 2^0 + 7^3 + 10^2 + 26^1 = 15 + 20 + 73 + 102 + 261 \\ 471 &:= 1^5 + 4^3 + 5^1 + 16^0 + 20^2 = 15 + 43 + 51 + 160 + 202 \\ 471 &:= 1^5 + 5^1 + 7^3 + 11^2 + 22^0 = 15 + 51 + 73 + 112 + 220 \\ 471 &:= 1^5 + 5^3 + 6^0 + 7^3 + 27^0 = 15 + 53 + 60 + 73 + 270 \\ 471 &:= 1^5 + 5^3 + 7^0 + 7^3 + 26^0 = 15 + 53 + 70 + 73 + 260 \\ 471 &:= 1^5 + 5^3 + 7^3 + 10^0 + 23^0 = 15 + 53 + 73 + 100 + 230 \\ 471 &:= 1^5 + 5^3 + 7^3 + 11^0 + 22^0 = 15 + 53 + 73 + 110 + 220 \\ 471 &:= 1^5 + 5^3 + 7^3 + 12^0 + 21^0 = 15 + 53 + 73 + 120 + 210 \\ 471 &:= 1^5 + 5^3 + 7^3 + 13^0 + 20^0 = 15 + 53 + 73 + 130 + 200 \\ 471 &:= 1^5 + 5^3 + 7^3 + 14^0 + 19^0 = 15 + 53 + 73 + 140 + 190 \\ 471 &:= 1^5 + 5^3 + 7^3 + 15^0 + 18^0 = 15 + 53 + 73 + 150 + 180 \\ 471 &:= 1^5 + 5^3 + 7^3 + 16^0 + 17^0 = 15 + 53 + 73 + 160 + 170 \\ 471 &:= 1^5 + 5^3 + 7^3 + 8^0 + 25^0 = 15 + 53 + 73 + 80 + 250 \\ 471 &:= 1^5 + 5^3 + 7^3 + 9^0 + 24^0 = 15 + 53 + 73 + 90 + 240 \\ 471 &:= 1^5 + 6^2 + 10^0 + 12^2 + 17^2 = 15 + 62 + 100 + 122 + 172 \\ 471 &:= 1^5 + 8^0 + 10^2 + 12^2 + 15^2 = 15 + 80 + 102 + 122 + 152 \\ 471 &:= 1^5 + 8^2 + 9^2 + 10^0 + 18^2 = 15 + 82 + 92 + 100 + 182 \\ 471 &:= 1^6 + 1^8 + 3^5 + 15^2 + 25^0 = 16 + 18 + 35 + 152 + 250 \\ 471 &:= 1^6 + 1^9 + 2^3 + 20^1 + 21^2 = 16 + 19 + 23 + 201 + 212 \\ 471 &:= 1^6 + 1^9 + 5^3 + 18^2 + 20^1 = 16 + 19 + 53 + 182 + 201 \\ 471 &:= 1^6 + 1^9 + 7^3 + 10^2 + 26^1 = 16 + 19 + 73 + 102 + 261 \\ 471 &:= 1^6 + 2^0 + 3^2 + 19^1 + 21^2 = 16 + 20 + 32 + 191 + 212 \\ 471 &:= 1^6 + 2^0 + 3^3 + 19^0 + 21^2 = 16 + 20 + 33 + 190 + 212 \\ 471 &:= 1^6 + 3^0 + 3^3 + 18^0 + 21^2 = 16 + 30 + 33 + 180 + 212 \\ 471 &:= 1^6 + 3^1 + 5^2 + 16^0 + 21^2 = 16 + 31 + 52 + 160 + 212 \\ 471 &:= 1^6 + 3^3 + 10^0 + 11^0 + 21^2 = 16 + 33 + 100 + 110 + 212 \\ 471 &:= 1^6 + 3^3 + 4^0 + 17^0 + 21^2 = 16 + 33 + 40 + 170 + 212 \\ 471 &:= 1^6 + 3^3 + 5^0 + 16^0 + 21^2 = 16 + 33 + 50 + 160 + 212 \\ 471 &:= 1^6 + 3^3 + 6^0 + 15^0 + 21^2 = 16 + 33 + 60 + 150 + 212 \\ 471 &:= 1^6 + 3^3 + 7^0 + 14^0 + 21^2 = 16 + 33 + 70 + 140 + 212 \\ 471 &:= 1^6 + 3^3 + 8^0 + 13^0 + 21^2 = 16 + 33 + 80 + 130 + 212 \\ 471 &:= 1^6 + 3^3 + 9^0 + 12^0 + 21^2 = 16 + 33 + 90 + 120 + 212 \end{aligned}$$

$$\begin{aligned}471 &:= 1^6 + 4^0 + 11^1 + 13^2 + 17^2 = 16 + 40 + 111 + 132 + 172 \\471 &:= 1^6 + 4^2 + 8^0 + 12^1 + 21^2 = 16 + 42 + 80 + 121 + 212 \\471 &:= 1^6 + 5^1 + 8^2 + 12^0 + 20^2 = 16 + 51 + 82 + 120 + 202 \\471 &:= 1^6 + 8^0 + 8^1 + 10^2 + 19^2 = 16 + 80 + 81 + 102 + 192 \\471 &:= 1^7 + 1^7 + 3^5 + 15^2 + 25^0 = 17 + 17 + 35 + 152 + 250 \\471 &:= 1^7 + 1^8 + 2^3 + 20^1 + 21^2 = 17 + 18 + 23 + 201 + 212 \\471 &:= 1^7 + 1^8 + 5^3 + 18^2 + 20^1 = 17 + 18 + 53 + 182 + 201 \\471 &:= 1^7 + 1^8 + 7^3 + 10^2 + 26^1 = 17 + 18 + 73 + 102 + 261 \\471 &:= 1^7 + 1^9 + 3^2 + 19^1 + 21^2 = 17 + 19 + 32 + 191 + 212 \\471 &:= 1^7 + 1^9 + 3^3 + 19^0 + 21^2 = 17 + 19 + 33 + 190 + 212 \\471 &:= 1^7 + 2^0 + 12^2 + 13^0 + 18^2 = 17 + 20 + 122 + 130 + 182 \\471 &:= 1^7 + 3^0 + 12^0 + 12^2 + 18^2 = 17 + 30 + 120 + 122 + 182 \\471 &:= 1^7 + 4^0 + 11^0 + 12^2 + 18^2 = 17 + 40 + 110 + 122 + 182 \\471 &:= 1^7 + 5^0 + 10^0 + 12^2 + 18^2 = 17 + 50 + 100 + 122 + 182 \\471 &:= 1^7 + 6^0 + 9^0 + 12^2 + 18^2 = 17 + 60 + 90 + 122 + 182 \\471 &:= 1^7 + 7^0 + 8^0 + 12^2 + 18^2 = 17 + 70 + 80 + 122 + 182 \\471 &:= 1^8 + 1^8 + 3^2 + 19^1 + 21^2 = 18 + 18 + 32 + 191 + 212 \\471 &:= 1^8 + 1^8 + 3^3 + 19^0 + 21^2 = 18 + 18 + 33 + 190 + 212 \\471 &:= 1^8 + 1^9 + 12^2 + 13^0 + 18^2 = 18 + 19 + 122 + 130 + 182 \\471 &:= 1^8 + 2^5 + 3^5 + 13^2 + 26^1 = 18 + 25 + 35 + 132 + 261 \\471 &:= 1^8 + 2^7 + 4^3 + 16^2 + 22^1 = 18 + 27 + 43 + 162 + 221 \\471 &:= 1^8 + 2^7 + 6^3 + 10^2 + 26^1 = 18 + 27 + 63 + 102 + 261 \\471 &:= 1^9 + 2^6 + 3^4 + 18^2 + 21^0 = 19 + 26 + 34 + 182 + 210 \\471 &:= 1^9 + 2^7 + 10^2 + 15^2 + 17^1 = 19 + 27 + 102 + 152 + 171 \\471 &:= 2^0 + 2^6 + 14^1 + 14^2 + 14^2 = 20 + 26 + 141 + 142 + 142 \\471 &:= 2^0 + 2^8 + 11^0 + 14^2 + 17^1 = 20 + 28 + 110 + 142 + 171 \\471 &:= 2^1 + 2^2 + 2^6 + 20^0 + 20^2 = 21 + 22 + 26 + 200 + 202 \\471 &:= 2^1 + 2^4 + 4^4 + 14^2 + 24^0 = 21 + 24 + 44 + 142 + 240 \\471 &:= 2^1 + 2^7 + 8^0 + 16^1 + 18^2 = 21 + 27 + 80 + 161 + 182 \\471 &:= 2^1 + 3^5 + 5^3 + 10^2 + 26^0 = 21 + 35 + 53 + 102 + 260 \\471 &:= 2^2 + 3^4 + 6^3 + 13^2 + 22^0 = 22 + 34 + 63 + 132 + 220 \\471 &:= 2^3 + 3^5 + 4^0 + 14^2 + 23^1 = 23 + 35 + 40 + 142 + 231 \\471 &:= 2^3 + 5^3 + 6^3 + 11^2 + 22^0 = 23 + 53 + 63 + 112 + 220 \\471 &:= 2^4 + 3^4 + 10^0 + 12^1 + 19^2 = 24 + 34 + 100 + 121 + 192 \\471 &:= 2^4 + 6^3 + 6^3 + 10^0 + 22^1 = 24 + 63 + 63 + 100 + 221\end{aligned}$$

$$\begin{aligned}471 &:= 2^5 + 3^3 + 10^0 + 11^1 + 20^2 = 25 + 33 + 100 + 111 + 202 \\471 &:= 2^5 + 4^3 + 8^0 + 13^1 + 19^2 = 25 + 43 + 80 + 131 + 192 \\471 &:= 2^5 + 7^2 + 10^0 + 10^2 + 17^2 = 25 + 72 + 100 + 102 + 172 \\471 &:= 2^5 + 7^3 + 9^2 + 14^0 + 14^1 = 25 + 73 + 92 + 140 + 141 \\471 &:= 2^5 + 8^0 + 10^2 + 13^2 + 13^2 = 25 + 80 + 102 + 132 + 132 \\471 &:= 2^5 + 8^0 + 11^2 + 11^2 + 14^2 = 25 + 80 + 112 + 112 + 142 \\471 &:= 2^6 + 2^6 + 2^6 + 16^2 + 23^1 = 26 + 26 + 26 + 162 + 231 \\471 &:= 2^6 + 4^0 + 12^1 + 13^2 + 15^2 = 26 + 40 + 121 + 132 + 152 \\471 &:= 2^6 + 6^1 + 10^0 + 12^2 + 16^2 = 26 + 61 + 100 + 122 + 162 \\471 &:= 2^6 + 6^2 + 9^1 + 10^0 + 19^2 = 26 + 62 + 91 + 100 + 192 \\471 &:= 2^7 + 3^1 + 8^0 + 15^1 + 18^2 = 27 + 31 + 80 + 151 + 182 \\471 &:= 2^7 + 4^1 + 8^0 + 14^1 + 18^2 = 27 + 41 + 80 + 141 + 182 \\471 &:= 2^7 + 5^1 + 8^0 + 13^1 + 18^2 = 27 + 51 + 80 + 131 + 182 \\471 &:= 2^7 + 6^1 + 8^0 + 12^1 + 18^2 = 27 + 61 + 80 + 121 + 182 \\471 &:= 2^7 + 7^1 + 8^0 + 11^1 + 18^2 = 27 + 71 + 80 + 111 + 182 \\471 &:= 2^7 + 8^0 + 8^1 + 10^1 + 18^2 = 27 + 80 + 81 + 101 + 182 \\471 &:= 2^7 + 8^0 + 9^1 + 9^1 + 18^2 = 27 + 80 + 91 + 91 + 182 \\471 &:= 2^8 + 3^0 + 10^0 + 14^2 + 17^1 = 28 + 30 + 100 + 142 + 171 \\471 &:= 2^8 + 4^0 + 9^0 + 14^2 + 17^1 = 28 + 40 + 90 + 142 + 171 \\471 &:= 2^8 + 5^0 + 8^0 + 14^2 + 17^1 = 28 + 50 + 80 + 142 + 171 \\471 &:= 2^8 + 6^0 + 7^0 + 14^2 + 17^1 = 28 + 60 + 70 + 142 + 171 \\471 &:= 3^2 + 3^5 + 7^2 + 13^2 + 20^0 = 32 + 35 + 72 + 132 + 200 \\471 &:= 3^3 + 3^4 + 7^3 + 14^0 + 19^1 = 33 + 34 + 73 + 140 + 191 \\471 &:= 3^3 + 3^5 + 4^1 + 14^2 + 22^0 = 33 + 35 + 41 + 142 + 220 \\471 &:= 3^3 + 4^3 + 6^2 + 7^3 + 26^0 = 33 + 43 + 62 + 73 + 260 \\471 &:= 3^4 + 3^4 + 4^0 + 17^2 + 19^1 = 34 + 34 + 40 + 172 + 191 \\471 &:= 3^4 + 4^3 + 10^2 + 14^0 + 15^2 = 34 + 43 + 102 + 140 + 152 \\471 &:= 3^4 + 4^3 + 6^2 + 16^0 + 17^2 = 34 + 43 + 62 + 160 + 172 \\471 &:= 3^4 + 4^4 + 11^2 + 12^1 + 16^0 = 34 + 44 + 112 + 121 + 160 \\471 &:= 3^5 + 4^3 + 8^0 + 12^2 + 19^1 = 35 + 43 + 80 + 122 + 191 \\471 &:= 3^5 + 5^2 + 9^2 + 11^2 + 18^0 = 35 + 52 + 92 + 112 + 180 \\471 &:= 3^5 + 5^3 + 8^0 + 9^2 + 21^1 = 35 + 53 + 80 + 92 + 211 \\471 &:= 4^3 + 4^4 + 5^3 + 8^0 + 25^1 = 43 + 44 + 53 + 80 + 251 \\471 &:= 4^4 + 5^2 + 5^3 + 8^2 + 24^0 = 44 + 52 + 53 + 82 + 240\end{aligned}$$

2.2.373 Number 472

$$\begin{aligned}
 472 &:= 1^6 + 2^3 + 21^2 + 22^1 &= 16 + 23 + 212 + 221 \\
 472 &:= 1^6 + 5^3 + 18^2 + 22^1 &= 16 + 53 + 182 + 221 \\
 472 &:= 1^6 + 7^3 + 10^2 + 28^1 &= 16 + 73 + 102 + 281 \\
 472 &:= 1^7 + 3^2 + 21^1 + 21^2 &= 17 + 32 + 211 + 212 \\
 472 &:= 2^5 + 3^5 + 14^2 + 27^0 &= 25 + 35 + 142 + 270 \\
 472 &:= 2^5 + 4^3 + 7^3 + 33^1 &= 25 + 43 + 73 + 331 \\
 472 &:= 2^6 + 4^3 + 7^3 + 33^0 &= 26 + 43 + 73 + 330 \\
 472 &:= 2^7 + 10^2 + 15^2 + 19^1 &= 27 + 102 + 152 + 191 \\
 472 &:= 1^0 + 1^6 + 2^3 + 21^1 + 21^2 &= 10 + 16 + 23 + 211 + 212 \\
 472 &:= 1^0 + 1^6 + 5^3 + 18^2 + 21^1 &= 10 + 16 + 53 + 182 + 211 \\
 472 &:= 1^0 + 1^6 + 7^3 + 10^2 + 27^1 &= 10 + 16 + 73 + 102 + 271 \\
 472 &:= 1^0 + 1^7 + 3^2 + 20^1 + 21^2 &= 10 + 17 + 32 + 201 + 212 \\
 472 &:= 1^0 + 2^7 + 10^2 + 15^2 + 18^1 &= 10 + 27 + 102 + 152 + 181 \\
 472 &:= 1^1 + 1^5 + 2^3 + 21^1 + 21^2 &= 11 + 15 + 23 + 211 + 212 \\
 472 &:= 1^1 + 1^5 + 5^3 + 18^2 + 21^1 &= 11 + 15 + 53 + 182 + 211 \\
 472 &:= 1^1 + 1^5 + 7^3 + 10^2 + 27^1 &= 11 + 15 + 73 + 102 + 271 \\
 472 &:= 1^1 + 1^6 + 3^2 + 20^1 + 21^2 &= 11 + 16 + 32 + 201 + 212 \\
 472 &:= 1^1 + 2^6 + 14^2 + 14^2 + 15^1 &= 11 + 26 + 142 + 142 + 151 \\
 472 &:= 1^1 + 2^8 + 11^0 + 14^2 + 18^1 &= 11 + 28 + 110 + 142 + 181 \\
 472 &:= 1^2 + 1^4 + 2^3 + 21^1 + 21^2 &= 12 + 14 + 23 + 211 + 212 \\
 472 &:= 1^2 + 1^4 + 5^3 + 18^2 + 21^1 &= 12 + 14 + 53 + 182 + 211 \\
 472 &:= 1^2 + 1^4 + 7^3 + 10^2 + 27^1 &= 12 + 14 + 73 + 102 + 271 \\
 472 &:= 1^2 + 1^5 + 3^2 + 20^1 + 21^2 &= 12 + 15 + 32 + 201 + 212 \\
 472 &:= 1^2 + 2^3 + 3^4 + 19^2 + 21^1 &= 12 + 23 + 34 + 192 + 211 \\
 472 &:= 1^2 + 2^5 + 10^2 + 15^1 + 18^2 &= 12 + 25 + 102 + 151 + 182 \\
 472 &:= 1^2 + 2^5 + 13^2 + 14^1 + 16^2 &= 12 + 25 + 132 + 141 + 162 \\
 472 &:= 1^2 + 2^7 + 7^0 + 18^1 + 18^2 &= 12 + 27 + 70 + 181 + 182 \\
 472 &:= 1^2 + 3^5 + 6^2 + 13^2 + 23^1 &= 12 + 35 + 62 + 132 + 231 \\
 472 &:= 1^3 + 1^3 + 2^3 + 21^1 + 21^2 &= 13 + 13 + 23 + 211 + 212 \\
 472 &:= 1^3 + 1^3 + 5^3 + 18^2 + 21^1 &= 13 + 13 + 53 + 182 + 211 \\
 472 &:= 1^3 + 1^3 + 7^3 + 10^2 + 27^1 &= 13 + 13 + 73 + 102 + 271 \\
 472 &:= 1^3 + 1^4 + 3^2 + 20^1 + 21^2 &= 13 + 14 + 32 + 201 + 212 \\
 472 &:= 1^3 + 2^3 + 6^3 + 15^2 + 22^1 &= 13 + 23 + 63 + 152 + 221 \\
 472 &:= 1^3 + 2^6 + 6^1 + 17^0 + 20^2 &= 13 + 26 + 61 + 170 + 202 \\
 472 &:= 1^3 + 3^2 + 3^4 + 19^2 + 20^1 &= 13 + 32 + 34 + 192 + 201 \\
 472 &:= 1^3 + 3^3 + 4^3 + 19^1 + 19^2 &= 13 + 33 + 43 + 191 + 192 \\
 472 &:= 1^3 + 3^4 + 7^2 + 17^1 + 18^2 &= 13 + 34 + 72 + 171 + 182 \\
 472 &:= 1^3 + 3^5 + 6^3 + 11^1 + 25^0 &= 13 + 35 + 63 + 111 + 250
 \end{aligned}$$

$$\begin{aligned}
 472 &:= 1^3 + 4^3 + 4^3 + 18^2 + 19^1 &= 13 + 43 + 43 + 182 + 191 \\
 472 &:= 1^3 + 4^3 + 6^3 + 13^2 + 22^1 &= 13 + 43 + 63 + 132 + 221 \\
 472 &:= 1^3 + 4^4 + 7^2 + 12^2 + 22^1 &= 13 + 44 + 72 + 122 + 221 \\
 472 &:= 1^4 + 2^1 + 3^5 + 15^2 + 25^0 &= 14 + 21 + 35 + 152 + 250 \\
 472 &:= 1^4 + 2^3 + 13^1 + 15^2 + 15^2 &= 14 + 23 + 131 + 152 + 152 \\
 472 &:= 1^4 + 3^2 + 6^3 + 15^2 + 21^1 &= 14 + 32 + 63 + 152 + 211 \\
 472 &:= 1^4 + 3^3 + 7^3 + 10^2 + 25^0 &= 14 + 33 + 73 + 102 + 250 \\
 472 &:= 1^4 + 3^4 + 10^2 + 15^0 + 17^2 &= 14 + 34 + 102 + 150 + 172 \\
 472 &:= 1^4 + 4^3 + 13^1 + 13^2 + 15^2 &= 14 + 43 + 131 + 132 + 152 \\
 472 &:= 1^5 + 2^1 + 2^3 + 20^1 + 21^2 &= 15 + 21 + 23 + 201 + 212 \\
 472 &:= 1^5 + 2^1 + 5^3 + 18^2 + 20^1 &= 15 + 21 + 53 + 182 + 201 \\
 472 &:= 1^5 + 2^1 + 7^3 + 10^2 + 26^1 &= 15 + 21 + 73 + 102 + 261 \\
 472 &:= 1^5 + 2^3 + 10^1 + 12^1 + 21^2 &= 15 + 23 + 101 + 121 + 212 \\
 472 &:= 1^5 + 2^3 + 11^1 + 11^1 + 21^2 &= 15 + 23 + 111 + 111 + 212 \\
 472 &:= 1^5 + 2^3 + 3^1 + 19^1 + 21^2 &= 15 + 23 + 31 + 191 + 212 \\
 472 &:= 1^5 + 2^3 + 4^1 + 18^1 + 21^2 &= 15 + 23 + 41 + 181 + 212 \\
 472 &:= 1^5 + 2^3 + 5^1 + 17^1 + 21^2 &= 15 + 23 + 51 + 171 + 212 \\
 472 &:= 1^5 + 2^3 + 6^1 + 16^1 + 21^2 &= 15 + 23 + 61 + 161 + 212 \\
 472 &:= 1^5 + 2^3 + 7^1 + 15^1 + 21^2 &= 15 + 23 + 71 + 151 + 212 \\
 472 &:= 1^5 + 2^3 + 8^1 + 14^1 + 21^2 &= 15 + 23 + 81 + 141 + 212 \\
 472 &:= 1^5 + 2^3 + 9^1 + 13^1 + 21^2 &= 15 + 23 + 91 + 131 + 212 \\
 472 &:= 1^5 + 2^4 + 9^0 + 13^1 + 21^2 &= 15 + 24 + 90 + 131 + 212 \\
 472 &:= 1^5 + 3^1 + 5^3 + 18^2 + 19^1 &= 15 + 31 + 53 + 182 + 191 \\
 472 &:= 1^5 + 3^1 + 7^3 + 10^2 + 25^1 &= 15 + 31 + 73 + 102 + 251 \\
 472 &:= 1^5 + 3^2 + 12^1 + 15^2 + 15^2 &= 15 + 32 + 121 + 152 + 152 \\
 472 &:= 1^5 + 4^1 + 5^3 + 18^1 + 18^2 &= 15 + 41 + 53 + 181 + 182 \\
 472 &:= 1^5 + 4^1 + 7^3 + 10^2 + 24^1 &= 15 + 41 + 73 + 102 + 241 \\
 472 &:= 1^5 + 4^2 + 9^2 + 13^1 + 19^2 &= 15 + 42 + 92 + 131 + 192 \\
 472 &:= 1^5 + 4^4 + 9^0 + 14^2 + 18^1 &= 15 + 44 + 90 + 142 + 181 \\
 472 &:= 1^5 + 5^1 + 5^3 + 17^1 + 18^2 &= 15 + 51 + 53 + 171 + 182 \\
 472 &:= 1^5 + 5^1 + 7^3 + 10^2 + 23^1 &= 15 + 51 + 73 + 102 + 231 \\
 472 &:= 1^5 + 5^3 + 10^1 + 12^1 + 18^2 &= 15 + 53 + 101 + 121 + 182 \\
 472 &:= 1^5 + 5^3 + 11^1 + 11^1 + 18^2 &= 15 + 53 + 111 + 111 + 182 \\
 472 &:= 1^5 + 5^3 + 6^1 + 16^1 + 18^2 &= 15 + 53 + 61 + 161 + 182 \\
 472 &:= 1^5 + 5^3 + 7^1 + 15^1 + 18^2 &= 15 + 53 + 71 + 151 + 182 \\
 472 &:= 1^5 + 5^3 + 8^1 + 14^1 + 18^2 &= 15 + 53 + 81 + 141 + 182 \\
 472 &:= 1^5 + 5^3 + 9^1 + 13^1 + 18^2 &= 15 + 53 + 91 + 131 + 182 \\
 472 &:= 1^5 + 6^1 + 7^3 + 10^2 + 22^1 &= 15 + 61 + 73 + 102 + 221
 \end{aligned}$$

$$\begin{aligned}472 &:= 1^5 + 6^2 + 10^1 + 13^2 + 16^2 = 15 + 62 + 101 + 132 + 162 \\472 &:= 1^5 + 6^2 + 10^2 + 11^1 + 18^2 = 15 + 62 + 102 + 111 + 182 \\472 &:= 1^5 + 7^1 + 7^3 + 10^2 + 21^1 = 15 + 71 + 73 + 102 + 211 \\472 &:= 1^5 + 7^2 + 7^2 + 12^1 + 19^2 = 15 + 72 + 72 + 121 + 192 \\472 &:= 1^5 + 7^3 + 10^1 + 10^2 + 18^1 = 15 + 73 + 101 + 102 + 181 \\472 &:= 1^5 + 7^3 + 10^2 + 11^1 + 17^1 = 15 + 73 + 102 + 111 + 171 \\472 &:= 1^5 + 7^3 + 10^2 + 12^1 + 16^1 = 15 + 73 + 102 + 121 + 161 \\472 &:= 1^5 + 7^3 + 10^2 + 13^1 + 15^1 = 15 + 73 + 102 + 131 + 151 \\472 &:= 1^5 + 7^3 + 10^2 + 14^1 + 14^1 = 15 + 73 + 102 + 141 + 141 \\472 &:= 1^5 + 7^3 + 8^1 + 10^2 + 20^1 = 15 + 73 + 81 + 102 + 201 \\472 &:= 1^5 + 7^3 + 9^1 + 10^2 + 19^1 = 15 + 73 + 91 + 102 + 191 \\472 &:= 1^6 + 2^1 + 3^2 + 19^1 + 21^2 = 16 + 21 + 32 + 191 + 212 \\472 &:= 1^6 + 2^1 + 3^3 + 19^0 + 21^2 = 16 + 21 + 33 + 190 + 212 \\472 &:= 1^6 + 2^2 + 5^2 + 17^0 + 21^2 = 16 + 22 + 52 + 170 + 212 \\472 &:= 1^6 + 3^1 + 3^2 + 18^1 + 21^2 = 16 + 31 + 32 + 181 + 212 \\472 &:= 1^6 + 3^2 + 10^1 + 11^1 + 21^2 = 16 + 32 + 101 + 111 + 212 \\472 &:= 1^6 + 3^2 + 10^2 + 13^0 + 19^2 = 16 + 32 + 102 + 130 + 192 \\472 &:= 1^6 + 3^2 + 4^1 + 17^1 + 21^2 = 16 + 32 + 41 + 171 + 212 \\472 &:= 1^6 + 3^2 + 5^1 + 16^1 + 21^2 = 16 + 32 + 51 + 161 + 212 \\472 &:= 1^6 + 3^2 + 6^1 + 15^1 + 21^2 = 16 + 32 + 61 + 151 + 212 \\472 &:= 1^6 + 3^2 + 7^1 + 14^1 + 21^2 = 16 + 32 + 71 + 141 + 212 \\472 &:= 1^6 + 3^2 + 8^1 + 13^1 + 21^2 = 16 + 32 + 81 + 131 + 212 \\472 &:= 1^6 + 3^2 + 9^1 + 12^1 + 21^2 = 16 + 32 + 91 + 121 + 212 \\472 &:= 1^6 + 4^3 + 6^1 + 15^0 + 20^2 = 16 + 43 + 61 + 150 + 202 \\472 &:= 1^6 + 5^2 + 11^0 + 11^2 + 18^2 = 16 + 52 + 110 + 112 + 182 \\472 &:= 1^6 + 6^1 + 7^3 + 11^2 + 21^0 = 16 + 61 + 73 + 112 + 210 \\472 &:= 1^6 + 7^2 + 9^0 + 14^2 + 15^2 = 16 + 72 + 90 + 142 + 152 \\472 &:= 1^6 + 9^0 + 9^2 + 10^2 + 17^2 = 16 + 90 + 92 + 102 + 172 \\472 &:= 1^7 + 2^1 + 12^2 + 13^0 + 18^2 = 17 + 21 + 122 + 130 + 182 \\472 &:= 1^7 + 3^0 + 12^1 + 13^2 + 17^2 = 17 + 30 + 121 + 132 + 172 \\472 &:= 1^7 + 4^1 + 5^2 + 15^0 + 21^2 = 17 + 41 + 52 + 150 + 212 \\472 &:= 1^7 + 4^2 + 7^0 + 13^1 + 21^2 = 17 + 42 + 70 + 131 + 212 \\472 &:= 1^7 + 6^1 + 8^2 + 11^0 + 20^2 = 17 + 61 + 82 + 110 + 202 \\472 &:= 1^7 + 7^0 + 9^1 + 10^2 + 19^2 = 17 + 70 + 91 + 102 + 192 \\472 &:= 2^1 + 2^6 + 14^1 + 14^2 + 14^2 = 21 + 26 + 141 + 142 + 142 \\472 &:= 2^1 + 2^8 + 11^0 + 14^2 + 17^1 = 21 + 28 + 110 + 142 + 171 \\472 &:= 2^2 + 2^2 + 3^5 + 14^2 + 25^1 = 22 + 22 + 35 + 142 + 251 \\472 &:= 2^2 + 2^7 + 9^0 + 15^1 + 18^2 = 22 + 27 + 90 + 151 + 182\end{aligned}$$

$$\begin{aligned}472 &:= 2^3 + 3^4 + 12^2 + 14^1 + 15^2 = 23 + 34 + 122 + 141 + 152 \\472 &:= 2^3 + 4^2 + 4^4 + 13^2 + 23^1 = 23 + 42 + 44 + 132 + 231 \\472 &:= 2^3 + 4^3 + 5^3 + 16^2 + 19^1 = 23 + 43 + 53 + 162 + 191 \\472 &:= 2^3 + 5^3 + 6^3 + 10^2 + 23^1 = 23 + 53 + 63 + 102 + 231 \\472 &:= 2^4 + 3^5 + 11^0 + 14^2 + 16^1 = 24 + 35 + 110 + 142 + 161 \\472 &:= 2^4 + 5^2 + 5^3 + 17^1 + 17^2 = 24 + 52 + 53 + 171 + 172 \\472 &:= 2^4 + 5^2 + 6^3 + 14^2 + 19^1 = 24 + 52 + 63 + 142 + 191 \\472 &:= 2^4 + 5^2 + 7^3 + 8^2 + 24^1 = 24 + 52 + 73 + 82 + 241 \\472 &:= 2^4 + 5^3 + 11^2 + 14^1 + 14^2 = 24 + 53 + 112 + 141 + 142 \\472 &:= 2^5 + 4^2 + 7^2 + 14^1 + 19^2 = 25 + 42 + 72 + 141 + 192 \\472 &:= 2^5 + 4^4 + 13^0 + 13^2 + 14^1 = 25 + 44 + 130 + 132 + 141 \\472 &:= 2^5 + 5^2 + 5^3 + 17^0 + 17^2 = 25 + 52 + 53 + 170 + 172 \\472 &:= 2^5 + 6^2 + 10^1 + 13^2 + 15^2 = 25 + 62 + 101 + 132 + 152 \\472 &:= 2^5 + 6^3 + 6^3 + 7^1 + 25^0 = 25 + 63 + 63 + 71 + 250 \\472 &:= 2^5 + 8^1 + 12^2 + 12^2 + 12^2 = 25 + 81 + 122 + 122 + 122 \\472 &:= 2^6 + 2^7 + 2^8 + 16^0 + 23^1 = 26 + 27 + 28 + 160 + 231 \\472 &:= 2^6 + 3^0 + 3^3 + 19^1 + 19^2 = 26 + 30 + 33 + 191 + 192 \\472 &:= 2^6 + 3^0 + 4^3 + 18^2 + 19^1 = 26 + 30 + 43 + 182 + 191 \\472 &:= 2^6 + 3^0 + 6^3 + 13^2 + 22^1 = 26 + 30 + 63 + 132 + 221 \\472 &:= 2^6 + 3^1 + 13^1 + 14^2 + 14^2 = 26 + 31 + 131 + 142 + 142 \\472 &:= 2^6 + 4^1 + 12^1 + 14^2 + 14^2 = 26 + 41 + 121 + 142 + 142 \\472 &:= 2^6 + 5^1 + 11^1 + 14^2 + 14^2 = 26 + 51 + 111 + 142 + 142 \\472 &:= 2^6 + 6^1 + 10^1 + 14^2 + 14^2 = 26 + 61 + 101 + 142 + 142 \\472 &:= 2^6 + 7^1 + 9^1 + 14^2 + 14^2 = 26 + 71 + 91 + 142 + 142 \\472 &:= 2^6 + 7^2 + 7^3 + 15^0 + 15^1 = 26 + 72 + 73 + 150 + 151 \\472 &:= 2^6 + 8^1 + 8^1 + 14^2 + 14^2 = 26 + 81 + 81 + 142 + 142 \\472 &:= 2^7 + 3^0 + 6^2 + 17^2 + 18^1 = 27 + 30 + 62 + 172 + 181 \\472 &:= 2^7 + 3^1 + 12^2 + 14^2 + 15^0 = 27 + 31 + 122 + 142 + 150 \\472 &:= 2^7 + 3^1 + 4^2 + 18^2 + 19^0 = 27 + 31 + 42 + 182 + 190 \\472 &:= 2^7 + 3^2 + 10^1 + 13^0 + 18^2 = 27 + 32 + 101 + 130 + 182 \\472 &:= 2^7 + 5^1 + 13^0 + 13^2 + 13^2 = 27 + 51 + 130 + 132 + 132 \\472 &:= 2^7 + 5^1 + 7^2 + 15^0 + 17^2 = 27 + 51 + 72 + 150 + 172 \\472 &:= 2^7 + 6^1 + 9^2 + 13^0 + 16^2 = 27 + 61 + 92 + 130 + 162 \\472 &:= 2^8 + 3^1 + 11^0 + 14^2 + 16^1 = 28 + 31 + 110 + 142 + 161 \\472 &:= 2^8 + 4^1 + 11^0 + 14^2 + 15^1 = 28 + 41 + 110 + 142 + 151 \\472 &:= 2^8 + 5^1 + 11^0 + 14^1 + 14^2 = 28 + 51 + 110 + 141 + 142 \\472 &:= 2^8 + 6^1 + 11^0 + 13^1 + 14^2 = 28 + 61 + 110 + 131 + 142 \\472 &:= 2^8 + 7^1 + 11^0 + 12^1 + 14^2 = 28 + 71 + 110 + 121 + 142\end{aligned}$$

$$\begin{aligned}
 472 &:= 2^8 + 8^1 + 11^0 + 11^1 + 14^2 = 28 + 81 + 110 + 111 + 142 \\
 472 &:= 2^8 + 9^1 + 10^1 + 11^0 + 14^2 = 28 + 91 + 101 + 110 + 142 \\
 472 &:= 3^0 + 3^4 + 3^5 + 11^2 + 26^1 = 30 + 34 + 35 + 112 + 261 \\
 472 &:= 3^1 + 3^4 + 3^5 + 12^2 + 25^0 = 31 + 34 + 35 + 122 + 250 \\
 472 &:= 3^2 + 3^4 + 6^3 + 12^2 + 22^1 = 32 + 34 + 63 + 122 + 221 \\
 472 &:= 3^2 + 3^5 + 10^2 + 10^2 + 20^1 = 32 + 35 + 102 + 102 + 201 \\
 472 &:= 3^3 + 3^3 + 7^2 + 7^3 + 26^1 = 33 + 33 + 72 + 73 + 261 \\
 472 &:= 3^3 + 4^3 + 6^3 + 12^2 + 21^1 = 33 + 43 + 63 + 122 + 211 \\
 472 &:= 3^3 + 5^3 + 6^3 + 9^2 + 23^1 = 33 + 53 + 63 + 92 + 231 \\
 472 &:= 3^4 + 4^3 + 12^2 + 13^2 + 14^1 = 34 + 43 + 122 + 132 + 141
 \end{aligned}$$

$$\begin{aligned}
 472 &:= 3^4 + 4^4 + 5^3 + 9^1 + 25^0 = 34 + 44 + 53 + 91 + 250 \\
 472 &:= 3^4 + 5^3 + 6^3 + 7^2 + 25^0 = 34 + 53 + 63 + 72 + 250 \\
 472 &:= 3^4 + 5^3 + 9^2 + 13^2 + 16^1 = 34 + 53 + 92 + 132 + 161 \\
 472 &:= 3^5 + 4^2 + 7^2 + 12^2 + 20^1 = 35 + 42 + 72 + 122 + 201 \\
 472 &:= 3^5 + 4^3 + 8^2 + 10^2 + 21^0 = 35 + 43 + 82 + 102 + 210 \\
 472 &:= 3^5 + 5^2 + 8^2 + 11^2 + 19^1 = 35 + 52 + 82 + 112 + 191 \\
 472 &:= 3^5 + 7^2 + 9^2 + 9^2 + 18^1 = 35 + 72 + 92 + 92 + 181 \\
 472 &:= 4^2 + 4^4 + 5^3 + 7^2 + 26^1 = 42 + 44 + 53 + 72 + 261 \\
 472 &:= 4^3 + 4^4 + 7^2 + 9^2 + 22^1 = 43 + 44 + 72 + 92 + 221
 \end{aligned}$$

2.2.374 Number 473

$$\begin{aligned}
 473 &:= 1^3 + 2^7 + 7^3 + 36^0 = 13 + 27 + 73 + 360 \\
 473 &:= 1^1 + 2^5 + 3^5 + 14^2 + 26^0 = 11 + 25 + 35 + 142 + 260 \\
 473 &:= 1^2 + 2^8 + 10^0 + 14^2 + 19^1 = 12 + 28 + 100 + 142 + 191 \\
 473 &:= 1^3 + 2^7 + 6^0 + 18^2 + 19^1 = 13 + 27 + 60 + 182 + 191 \\
 473 &:= 1^4 + 2^6 + 7^1 + 16^0 + 20^2 = 14 + 26 + 71 + 160 + 202 \\
 473 &:= 1^4 + 3^5 + 6^3 + 12^1 + 24^0 = 14 + 35 + 63 + 121 + 240 \\
 473 &:= 1^5 + 3^1 + 3^5 + 15^2 + 24^0 = 15 + 31 + 35 + 152 + 240 \\
 473 &:= 1^5 + 4^3 + 7^3 + 8^2 + 26^0 = 15 + 43 + 73 + 82 + 260 \\
 473 &:= 1^6 + 2^4 + 8^0 + 14^1 + 21^2 = 16 + 24 + 80 + 141 + 212 \\
 473 &:= 1^6 + 4^4 + 8^0 + 14^2 + 19^1 = 16 + 44 + 80 + 142 + 191 \\
 473 &:= 1^6 + 5^3 + 11^2 + 14^0 + 15^2 = 16 + 53 + 112 + 140 + 152 \\
 473 &:= 1^6 + 7^3 + 8^2 + 8^2 + 22^0 = 16 + 73 + 82 + 82 + 220 \\
 473 &:= 1^7 + 2^6 + 2^7 + 16^2 + 24^1 = 17 + 26 + 27 + 162 + 241 \\
 473 &:= 1^7 + 3^1 + 3^3 + 18^0 + 21^2 = 17 + 31 + 33 + 180 + 212 \\
 473 &:= 1^7 + 4^3 + 7^1 + 14^0 + 20^2 = 17 + 43 + 71 + 140 + 202 \\
 473 &:= 1^7 + 7^1 + 7^3 + 11^2 + 20^0 = 17 + 71 + 73 + 112 + 200 \\
 473 &:= 1^8 + 2^0 + 13^1 + 13^2 + 17^2 = 18 + 20 + 131 + 132 + 172 \\
 473 &:= 1^8 + 2^5 + 2^7 + 17^2 + 23^1 = 18 + 25 + 27 + 172 + 231 \\
 473 &:= 1^8 + 3^1 + 12^0 + 12^2 + 18^2 = 18 + 31 + 120 + 122 + 182 \\
 473 &:= 1^8 + 4^2 + 6^0 + 14^1 + 21^2 = 18 + 42 + 60 + 141 + 212 \\
 473 &:= 1^8 + 5^1 + 5^2 + 14^0 + 21^2 = 18 + 51 + 52 + 140 + 212 \\
 473 &:= 1^8 + 6^0 + 10^1 + 10^2 + 19^2 = 18 + 60 + 101 + 102 + 192 \\
 473 &:= 1^8 + 7^1 + 8^2 + 10^0 + 20^2 = 18 + 71 + 82 + 100 + 202 \\
 473 &:= 1^9 + 1^9 + 13^1 + 13^2 + 17^2 = 19 + 19 + 131 + 132 + 172 \\
 473 &:= 2^0 + 2^7 + 5^3 + 14^2 + 23^1 = 20 + 27 + 53 + 142 + 231
 \end{aligned}$$

$$\begin{aligned}
 473 &:= 2^0 + 2^8 + 7^2 + 12^2 + 23^1 = 20 + 28 + 72 + 122 + 231 \\
 473 &:= 2^2 + 2^7 + 12^2 + 14^2 + 16^0 = 22 + 27 + 122 + 142 + 160 \\
 473 &:= 2^2 + 2^7 + 4^2 + 18^2 + 20^0 = 22 + 27 + 42 + 182 + 200 \\
 473 &:= 2^2 + 2^8 + 12^0 + 14^2 + 16^1 = 22 + 28 + 120 + 142 + 161 \\
 473 &:= 2^2 + 3^4 + 3^5 + 12^2 + 26^0 = 22 + 34 + 35 + 122 + 260 \\
 473 &:= 2^3 + 2^6 + 12^2 + 14^0 + 16^2 = 23 + 26 + 122 + 140 + 162 \\
 473 &:= 2^3 + 2^7 + 12^0 + 12^1 + 18^2 = 23 + 27 + 120 + 121 + 182 \\
 473 &:= 2^4 + 2^5 + 10^2 + 14^0 + 18^2 = 24 + 25 + 102 + 140 + 182 \\
 473 &:= 2^5 + 2^5 + 8^1 + 14^0 + 20^2 = 25 + 25 + 81 + 140 + 202 \\
 473 &:= 2^5 + 3^4 + 7^3 + 16^1 + 18^0 = 25 + 34 + 73 + 161 + 180 \\
 473 &:= 2^6 + 3^1 + 3^4 + 18^2 + 20^0 = 26 + 31 + 34 + 182 + 200 \\
 473 &:= 2^6 + 4^2 + 7^2 + 7^3 + 26^0 = 26 + 42 + 72 + 73 + 260 \\
 473 &:= 2^6 + 4^4 + 8^1 + 12^2 + 20^0 = 26 + 44 + 81 + 122 + 200 \\
 473 &:= 2^7 + 10^2 + 10^2 + 12^0 + 12^2 = 27 + 102 + 102 + 120 + 122 \\
 473 &:= 2^7 + 6^3 + 7^1 + 11^2 + 20^0 = 27 + 63 + 71 + 112 + 200 \\
 473 &:= 2^8 + 3^2 + 11^1 + 14^2 + 16^0 = 28 + 32 + 111 + 142 + 160 \\
 473 &:= 2^8 + 4^0 + 5^2 + 13^2 + 22^1 = 28 + 40 + 52 + 132 + 221 \\
 473 &:= 2^8 + 4^1 + 4^2 + 14^2 + 22^0 = 28 + 41 + 42 + 142 + 220 \\
 473 &:= 2^8 + 6^2 + 11^1 + 13^2 + 14^0 = 28 + 62 + 111 + 132 + 140 \\
 473 &:= 2^8 + 8^0 + 10^2 + 10^2 + 16^1 = 28 + 80 + 102 + 102 + 161 \\
 473 &:= 2^8 + 8^1 + 8^2 + 12^2 + 16^0 = 28 + 81 + 82 + 122 + 160 \\
 473 &:= 2^8 + 9^2 + 10^0 + 11^2 + 14^1 = 28 + 92 + 100 + 112 + 141 \\
 473 &:= 3^4 + 3^5 + 5^3 + 12^0 + 23^1 = 34 + 35 + 53 + 120 + 231
 \end{aligned}$$

2.2.375 Number 474

$$\begin{aligned} 474 &:= 1^3 + 2^8 + 6^3 + 37^0 &= 13 + 28 + 63 + 370 \\ 474 &:= 1^7 + 4^4 + 6^3 + 35^0 &= 17 + 44 + 63 + 350 \\ 474 &:= 1^9 + 13^2 + 15^1 + 17^2 &= 19 + 132 + 151 + 172 \\ 474 &:= 1^9 + 6^3 + 16^2 + 23^0 &= 19 + 63 + 162 + 230 \\ 474 &:= 1^0 + 1^9 + 13^2 + 14^1 + 17^2 &= 10 + 19 + 132 + 141 + 172 \\ 474 &:= 1^1 + 1^8 + 13^2 + 14^1 + 17^2 &= 11 + 18 + 132 + 141 + 172 \\ 474 &:= 1^1 + 2^7 + 5^3 + 14^2 + 24^1 &= 11 + 27 + 53 + 142 + 241 \\ 474 &:= 1^1 + 2^8 + 7^2 + 12^2 + 24^1 &= 11 + 28 + 72 + 122 + 241 \\ 474 &:= 1^2 + 1^7 + 13^2 + 14^1 + 17^2 &= 12 + 17 + 132 + 141 + 172 \\ 474 &:= 1^2 + 2^6 + 3^3 + 19^2 + 21^1 &= 12 + 26 + 33 + 192 + 211 \\ 474 &:= 1^2 + 2^6 + 4^3 + 18^2 + 21^1 &= 12 + 26 + 43 + 182 + 211 \\ 474 &:= 1^2 + 2^6 + 6^3 + 13^2 + 24^1 &= 12 + 26 + 63 + 132 + 241 \\ 474 &:= 1^2 + 2^7 + 6^2 + 17^2 + 20^1 &= 12 + 27 + 62 + 172 + 201 \\ 474 &:= 1^3 + 1^6 + 13^2 + 14^1 + 17^2 &= 13 + 16 + 132 + 141 + 172 \\ 474 &:= 1^3 + 2^3 + 2^6 + 20^2 + 21^0 &= 13 + 23 + 26 + 202 + 210 \\ 474 &:= 1^3 + 2^3 + 3^5 + 14^2 + 26^1 &= 13 + 23 + 35 + 142 + 261 \\ 474 &:= 1^3 + 2^6 + 13^2 + 15^1 + 15^2 &= 13 + 26 + 132 + 151 + 152 \\ 474 &:= 1^3 + 2^8 + 9^0 + 14^2 + 20^1 &= 13 + 28 + 90 + 142 + 201 \\ 474 &:= 1^3 + 3^4 + 3^4 + 17^2 + 22^1 &= 13 + 34 + 34 + 172 + 221 \\ 474 &:= 1^4 + 1^5 + 13^2 + 14^1 + 17^2 &= 14 + 15 + 132 + 141 + 172 \\ 474 &:= 1^4 + 2^5 + 8^2 + 16^1 + 19^2 &= 14 + 25 + 82 + 161 + 192 \\ 474 &:= 1^4 + 2^7 + 5^0 + 18^2 + 20^1 &= 14 + 27 + 50 + 182 + 201 \\ 474 &:= 1^4 + 2^7 + 7^3 + 10^0 + 26^0 &= 14 + 27 + 73 + 100 + 260 \\ 474 &:= 1^4 + 2^7 + 7^3 + 11^0 + 25^0 &= 14 + 27 + 73 + 110 + 250 \\ 474 &:= 1^4 + 2^7 + 7^3 + 12^0 + 24^0 &= 14 + 27 + 73 + 120 + 240 \\ 474 &:= 1^4 + 2^7 + 7^3 + 13^0 + 23^0 &= 14 + 27 + 73 + 130 + 230 \\ 474 &:= 1^4 + 2^7 + 7^3 + 14^0 + 22^0 &= 14 + 27 + 73 + 140 + 220 \\ 474 &:= 1^4 + 2^7 + 7^3 + 15^0 + 21^0 &= 14 + 27 + 73 + 150 + 210 \\ 474 &:= 1^4 + 2^7 + 7^3 + 16^0 + 20^0 &= 14 + 27 + 73 + 160 + 200 \\ 474 &:= 1^4 + 2^7 + 7^3 + 17^0 + 19^0 &= 14 + 27 + 73 + 170 + 190 \\ 474 &:= 1^4 + 2^7 + 7^3 + 18^0 + 18^0 &= 14 + 27 + 73 + 180 + 180 \\ 474 &:= 1^4 + 2^7 + 7^3 + 9^0 + 27^0 &= 14 + 27 + 73 + 90 + 270 \\ 474 &:= 1^4 + 3^2 + 3^5 + 14^2 + 25^1 &= 14 + 32 + 35 + 142 + 251 \\ 474 &:= 1^4 + 3^5 + 8^2 + 12^2 + 22^1 &= 14 + 35 + 82 + 122 + 221 \\ 474 &:= 1^5 + 2^2 + 3^5 + 15^2 + 25^0 &= 15 + 22 + 35 + 152 + 250 \\ 474 &:= 1^5 + 2^4 + 9^2 + 15^1 + 19^2 &= 15 + 24 + 92 + 151 + 192 \end{aligned}$$

$$\begin{aligned} 474 &:= 1^5 + 2^6 + 8^1 + 15^0 + 20^2 &= 15 + 26 + 81 + 150 + 202 \\ 474 &:= 1^5 + 3^3 + 3^3 + 19^1 + 20^2 &= 15 + 33 + 33 + 191 + 202 \\ 474 &:= 1^5 + 3^4 + 11^2 + 15^1 + 16^2 &= 15 + 34 + 112 + 151 + 162 \\ 474 &:= 1^5 + 3^5 + 6^3 + 13^1 + 23^0 &= 15 + 35 + 63 + 131 + 230 \\ 474 &:= 1^5 + 4^4 + 5^2 + 13^2 + 23^1 &= 15 + 44 + 52 + 132 + 231 \\ 474 &:= 1^6 + 2^2 + 2^3 + 20^1 + 21^2 &= 16 + 22 + 23 + 201 + 212 \\ 474 &:= 1^6 + 2^2 + 5^3 + 18^2 + 20^1 &= 16 + 22 + 53 + 182 + 201 \\ 474 &:= 1^6 + 2^2 + 7^3 + 10^2 + 26^1 &= 16 + 22 + 73 + 102 + 261 \\ 474 &:= 1^6 + 2^3 + 13^1 + 14^2 + 16^2 &= 16 + 23 + 131 + 142 + 162 \\ 474 &:= 1^6 + 2^3 + 4^3 + 19^0 + 20^2 &= 16 + 23 + 43 + 190 + 202 \\ 474 &:= 1^6 + 2^3 + 7^2 + 16^1 + 20^2 &= 16 + 23 + 72 + 161 + 202 \\ 474 &:= 1^6 + 2^3 + 7^3 + 11^2 + 25^0 &= 16 + 23 + 73 + 112 + 250 \\ 474 &:= 1^6 + 3^3 + 12^2 + 13^1 + 17^2 &= 16 + 33 + 122 + 131 + 172 \\ 474 &:= 1^6 + 3^5 + 4^1 + 15^2 + 23^0 &= 16 + 35 + 41 + 152 + 230 \\ 474 &:= 1^6 + 5^2 + 7^3 + 9^2 + 24^1 &= 16 + 52 + 73 + 92 + 241 \\ 474 &:= 1^7 + 2^2 + 3^2 + 19^1 + 21^2 &= 17 + 22 + 32 + 191 + 212 \\ 474 &:= 1^7 + 2^2 + 3^3 + 19^0 + 21^2 &= 17 + 22 + 33 + 190 + 212 \\ 474 &:= 1^7 + 2^3 + 8^2 + 15^0 + 20^2 &= 17 + 23 + 82 + 150 + 202 \\ 474 &:= 1^7 + 2^4 + 7^0 + 15^1 + 21^2 &= 17 + 24 + 70 + 151 + 212 \\ 474 &:= 1^7 + 3^2 + 12^1 + 14^2 + 16^2 &= 17 + 32 + 121 + 142 + 162 \\ 474 &:= 1^7 + 3^2 + 7^2 + 15^1 + 20^2 &= 17 + 32 + 72 + 151 + 202 \\ 474 &:= 1^7 + 3^3 + 11^2 + 13^0 + 18^2 &= 17 + 33 + 112 + 130 + 182 \\ 474 &:= 1^7 + 4^2 + 11^2 + 12^1 + 18^2 &= 17 + 42 + 112 + 121 + 182 \\ 474 &:= 1^7 + 4^4 + 7^0 + 14^2 + 20^1 &= 17 + 44 + 70 + 142 + 201 \\ 474 &:= 1^7 + 6^2 + 8^2 + 12^1 + 19^2 &= 17 + 62 + 82 + 121 + 192 \\ 474 &:= 1^7 + 8^1 + 10^2 + 13^2 + 14^2 &= 17 + 81 + 102 + 132 + 142 \\ 474 &:= 1^7 + 8^2 + 9^1 + 12^2 + 16^2 &= 17 + 82 + 91 + 122 + 162 \\ 474 &:= 1^8 + 2^1 + 13^1 + 13^2 + 17^2 &= 18 + 21 + 131 + 132 + 172 \\ 474 &:= 1^8 + 2^2 + 12^2 + 13^0 + 18^2 &= 18 + 22 + 122 + 130 + 182 \\ 474 &:= 1^8 + 3^1 + 12^1 + 13^2 + 17^2 &= 18 + 31 + 121 + 132 + 172 \\ 474 &:= 1^8 + 3^3 + 4^1 + 17^0 + 21^2 &= 18 + 33 + 41 + 170 + 212 \\ 474 &:= 1^8 + 4^1 + 11^1 + 13^2 + 17^2 &= 18 + 41 + 111 + 132 + 172 \\ 474 &:= 1^8 + 4^3 + 8^1 + 13^0 + 20^2 &= 18 + 43 + 81 + 130 + 202 \\ 474 &:= 1^8 + 5^1 + 10^1 + 13^2 + 17^2 &= 18 + 51 + 101 + 132 + 172 \\ 474 &:= 1^8 + 6^1 + 9^1 + 13^2 + 17^2 &= 18 + 61 + 91 + 132 + 172 \\ 474 &:= 1^8 + 6^2 + 6^2 + 13^0 + 20^2 &= 18 + 62 + 62 + 130 + 202 \end{aligned}$$

$$\begin{aligned} 474 &:= 1^8 + 7^1 + 8^1 + 13^2 + 17^2 = 18 + 71 + 81 + 132 + 172 \\ 474 &:= 1^8 + 7^3 + 8^1 + 11^2 + 19^0 = 18 + 73 + 81 + 112 + 190 \\ 474 &:= 1^9 + 4^1 + 11^0 + 12^2 + 18^2 = 19 + 41 + 110 + 122 + 182 \\ 474 &:= 1^9 + 4^2 + 5^0 + 15^1 + 21^2 = 19 + 42 + 50 + 151 + 212 \\ 474 &:= 1^9 + 5^0 + 10^2 + 11^1 + 19^2 = 19 + 50 + 102 + 111 + 192 \\ 474 &:= 1^9 + 5^2 + 6^1 + 13^0 + 21^2 = 19 + 52 + 61 + 130 + 212 \\ 474 &:= 1^9 + 8^1 + 8^2 + 9^0 + 20^2 = 19 + 81 + 82 + 90 + 202 \\ 474 &:= 2^1 + 2^7 + 5^3 + 14^2 + 23^1 = 21 + 27 + 53 + 142 + 231 \\ 474 &:= 2^1 + 2^8 + 7^2 + 12^2 + 23^1 = 21 + 28 + 72 + 122 + 231 \\ 474 &:= 2^2 + 2^6 + 3^4 + 18^2 + 21^0 = 22 + 26 + 34 + 182 + 210 \\ 474 &:= 2^2 + 2^7 + 10^2 + 15^2 + 17^1 = 22 + 27 + 102 + 152 + 171 \\ 474 &:= 2^3 + 2^4 + 4^4 + 13^2 + 25^1 = 23 + 24 + 44 + 132 + 251 \\ 474 &:= 2^3 + 2^5 + 5^3 + 17^2 + 20^1 = 23 + 25 + 53 + 172 + 201 \\ 474 &:= 2^3 + 2^5 + 6^3 + 14^2 + 22^1 = 23 + 25 + 63 + 142 + 221 \\ 474 &:= 2^3 + 2^5 + 7^3 + 8^2 + 27^1 = 23 + 25 + 73 + 82 + 271 \\ 474 &:= 2^3 + 2^7 + 9^2 + 16^2 + 17^0 = 23 + 27 + 92 + 162 + 170 \\ 474 &:= 2^3 + 2^8 + 13^1 + 14^2 + 15^0 = 23 + 28 + 131 + 142 + 150 \\ 474 &:= 2^4 + 2^5 + 4^3 + 19^0 + 19^2 = 24 + 25 + 43 + 190 + 192 \\ 474 &:= 2^4 + 2^5 + 7^2 + 16^1 + 19^2 = 24 + 25 + 72 + 161 + 192 \\ 474 &:= 2^4 + 2^7 + 5^1 + 18^2 + 19^0 = 24 + 27 + 51 + 182 + 190 \\ 474 &:= 2^4 + 3^5 + 7^2 + 12^2 + 22^1 = 24 + 35 + 72 + 122 + 221 \\ 474 &:= 2^5 + 2^5 + 3^2 + 19^0 + 20^2 = 25 + 25 + 32 + 190 + 202 \\ 474 &:= 2^5 + 2^6 + 7^0 + 16^1 + 19^2 = 25 + 26 + 70 + 161 + 192 \\ 474 &:= 2^5 + 3^4 + 11^2 + 15^1 + 15^2 = 25 + 34 + 112 + 151 + 152 \\ 474 &:= 2^5 + 3^4 + 6^3 + 12^2 + 23^0 = 25 + 34 + 63 + 122 + 230 \\ 474 &:= 2^5 + 4^3 + 4^4 + 11^2 + 25^0 = 25 + 43 + 44 + 112 + 250 \\ 474 &:= 2^5 + 4^4 + 8^2 + 10^2 + 22^1 = 25 + 44 + 82 + 102 + 221 \\ 474 &:= 2^6 + 3^2 + 4^4 + 12^2 + 25^0 = 26 + 32 + 44 + 122 + 250 \\ 474 &:= 2^6 + 3^2 + 5^3 + 16^2 + 20^1 = 26 + 32 + 53 + 162 + 201 \\ 474 &:= 2^6 + 3^3 + 12^2 + 14^1 + 15^2 = 26 + 33 + 122 + 141 + 152 \\ 474 &:= 2^6 + 3^5 + 7^0 + 12^2 + 22^1 = 26 + 35 + 70 + 122 + 221 \\ 474 &:= 2^6 + 5^3 + 10^2 + 13^2 + 16^1 = 26 + 53 + 102 + 132 + 161 \\ 474 &:= 2^7 + 3^1 + 5^3 + 14^2 + 22^1 = 27 + 31 + 53 + 142 + 221 \\ 474 &:= 2^7 + 3^2 + 8^2 + 16^2 + 17^1 = 27 + 32 + 82 + 162 + 171 \end{aligned}$$

$$\begin{aligned} 474 &:= 2^7 + 3^4 + 8^1 + 16^2 + 17^0 = 27 + 34 + 81 + 162 + 170 \\ 474 &:= 2^7 + 4^1 + 5^3 + 14^2 + 21^1 = 27 + 41 + 53 + 142 + 211 \\ 474 &:= 2^7 + 4^3 + 5^2 + 16^2 + 19^0 = 27 + 43 + 52 + 162 + 190 \\ 474 &:= 2^7 + 4^4 + 7^0 + 8^2 + 25^1 = 27 + 44 + 70 + 82 + 251 \\ 474 &:= 2^7 + 4^4 + 8^1 + 9^2 + 23^0 = 27 + 44 + 81 + 92 + 230 \\ 474 &:= 2^7 + 5^1 + 5^3 + 14^2 + 20^1 = 27 + 51 + 53 + 142 + 201 \\ 474 &:= 2^7 + 5^2 + 7^2 + 16^1 + 16^2 = 27 + 52 + 72 + 161 + 162 \\ 474 &:= 2^7 + 5^2 + 9^2 + 15^1 + 15^2 = 27 + 52 + 92 + 151 + 152 \\ 474 &:= 2^7 + 5^3 + 10^1 + 14^2 + 15^1 = 27 + 53 + 101 + 142 + 151 \\ 474 &:= 2^7 + 5^3 + 11^1 + 14^1 + 14^2 = 27 + 53 + 111 + 141 + 142 \\ 474 &:= 2^7 + 5^3 + 12^1 + 13^1 + 14^2 = 27 + 53 + 121 + 131 + 142 \\ 474 &:= 2^7 + 5^3 + 6^1 + 14^2 + 19^1 = 27 + 53 + 61 + 142 + 191 \\ 474 &:= 2^7 + 5^3 + 7^1 + 14^2 + 18^1 = 27 + 53 + 71 + 142 + 181 \\ 474 &:= 2^7 + 5^3 + 8^1 + 14^2 + 17^1 = 27 + 53 + 81 + 142 + 171 \\ 474 &:= 2^7 + 5^3 + 9^1 + 14^2 + 16^1 = 27 + 53 + 91 + 142 + 161 \\ 474 &:= 2^7 + 6^2 + 10^2 + 14^1 + 14^2 = 27 + 62 + 102 + 141 + 142 \\ 474 &:= 2^7 + 8^2 + 10^2 + 13^1 + 13^2 = 27 + 82 + 102 + 131 + 132 \\ 474 &:= 2^8 + 3^1 + 7^2 + 12^2 + 22^1 = 28 + 31 + 72 + 122 + 221 \\ 474 &:= 2^8 + 3^2 + 8^2 + 12^2 + 21^0 = 28 + 32 + 82 + 122 + 210 \\ 474 &:= 2^8 + 3^3 + 7^0 + 13^2 + 21^1 = 28 + 33 + 70 + 132 + 211 \\ 474 &:= 2^8 + 4^1 + 7^2 + 12^2 + 21^1 = 28 + 41 + 72 + 122 + 211 \\ 474 &:= 2^8 + 4^3 + 9^1 + 12^2 + 19^0 = 28 + 43 + 91 + 122 + 190 \\ 474 &:= 2^8 + 5^1 + 7^2 + 12^2 + 20^1 = 28 + 51 + 72 + 122 + 201 \\ 474 &:= 2^8 + 5^3 + 9^2 + 11^1 + 19^0 = 28 + 53 + 92 + 111 + 190 \\ 474 &:= 2^8 + 6^1 + 7^2 + 12^2 + 19^1 = 28 + 61 + 72 + 122 + 191 \\ 474 &:= 2^8 + 6^2 + 9^2 + 10^2 + 19^0 = 28 + 62 + 92 + 102 + 190 \\ 474 &:= 2^8 + 7^1 + 7^2 + 12^2 + 18^1 = 28 + 71 + 72 + 122 + 181 \\ 474 &:= 2^8 + 7^2 + 10^1 + 12^2 + 15^1 = 28 + 72 + 101 + 122 + 151 \\ 474 &:= 2^8 + 7^2 + 11^1 + 12^2 + 14^1 = 28 + 72 + 111 + 122 + 141 \\ 474 &:= 2^8 + 7^2 + 12^1 + 12^2 + 13^1 = 28 + 72 + 121 + 122 + 131 \\ 474 &:= 2^8 + 7^2 + 8^1 + 12^2 + 17^1 = 28 + 72 + 81 + 122 + 171 \\ 474 &:= 2^8 + 7^2 + 9^1 + 12^2 + 16^1 = 28 + 72 + 91 + 122 + 161 \\ 474 &:= 3^4 + 3^5 + 5^2 + 10^2 + 25^1 = 34 + 35 + 52 + 102 + 251 \end{aligned}$$

2.2.376 Number 475

$$\begin{aligned}
 475 &:= 13^2 + 17^1 + 17^2 &= 132 + 171 + 172 & 475 &:= 1^4 + 2^8 + 6^3 + 18^0 + 19^0 &= 14 + 28 + 63 + 180 + 190 \\
 475 &:= 1^0 + 13^2 + 16^1 + 17^2 &= 10 + 132 + 161 + 172 & 475 &:= 1^4 + 2^8 + 8^0 + 14^2 + 21^1 &= 14 + 28 + 80 + 142 + 211 \\
 475 &:= 1^8 + 2^5 + 21^2 + 22^0 &= 18 + 25 + 212 + 220 & 475 &:= 1^5 + 1^5 + 6^3 + 16^2 + 22^0 &= 15 + 15 + 63 + 162 + 220 \\
 475 &:= 4^2 + 5^0 + 17^1 + 21^2 &= 42 + 50 + 171 + 212 & 475 &:= 1^5 + 2^4 + 2^4 + 20^0 + 21^2 &= 15 + 24 + 24 + 200 + 212 \\
 475 &:= 5^0 + 10^2 + 13^1 + 19^2 &= 50 + 102 + 131 + 192 & 475 &:= 1^5 + 2^5 + 6^3 + 15^2 + 22^0 &= 15 + 25 + 63 + 152 + 220 \\
 475 &:= 5^2 + 8^1 + 13^0 + 21^2 &= 52 + 81 + 130 + 212 & 475 &:= 1^5 + 2^6 + 3^2 + 20^0 + 20^2 &= 15 + 26 + 32 + 200 + 202 \\
 475 &:= 6^1 + 11^0 + 12^2 + 18^2 &= 61 + 110 + 122 + 182 & 475 &:= 1^5 + 2^7 + 4^0 + 18^2 + 21^1 &= 15 + 27 + 40 + 182 + 211 \\
 475 &:= 8^2 + 9^0 + 10^1 + 20^2 &= 82 + 90 + 101 + 202 & 475 &:= 1^6 + 2^6 + 9^1 + 14^0 + 20^2 &= 16 + 26 + 91 + 140 + 202 \\
 475 &:= 1^0 + 1^0 + 13^2 + 15^1 + 17^2 &= 10 + 10 + 132 + 151 + 172 & 475 &:= 1^6 + 3^5 + 6^3 + 14^1 + 22^0 &= 16 + 35 + 63 + 141 + 220 \\
 475 &:= 1^0 + 1^0 + 6^3 + 16^2 + 23^0 &= 10 + 10 + 63 + 162 + 230 & 475 &:= 1^7 + 2^4 + 4^2 + 18^0 + 21^2 &= 17 + 24 + 42 + 180 + 212 \\
 475 &:= 1^0 + 2^0 + 6^3 + 16^2 + 22^0 &= 10 + 20 + 63 + 162 + 220 & 475 &:= 1^7 + 3^4 + 14^0 + 14^2 + 14^2 &= 17 + 34 + 140 + 142 + 142 \\
 475 &:= 1^0 + 3^0 + 6^3 + 16^2 + 21^0 &= 10 + 30 + 63 + 162 + 210 & 475 &:= 1^7 + 3^5 + 5^1 + 15^2 + 22^0 &= 17 + 35 + 51 + 152 + 220 \\
 475 &:= 1^0 + 4^0 + 6^3 + 16^2 + 20^0 &= 10 + 40 + 63 + 162 + 200 & 475 &:= 1^8 + 2^4 + 6^0 + 16^1 + 21^2 &= 18 + 24 + 60 + 161 + 212 \\
 475 &:= 1^0 + 4^2 + 5^0 + 16^1 + 21^2 &= 10 + 42 + 50 + 161 + 212 & 475 &:= 1^8 + 3^2 + 4^3 + 18^0 + 20^2 &= 18 + 32 + 43 + 180 + 202 \\
 475 &:= 1^0 + 5^0 + 10^2 + 12^1 + 19^2 &= 10 + 50 + 102 + 121 + 192 & 475 &:= 1^8 + 3^2 + 7^3 + 11^2 + 24^0 &= 18 + 32 + 73 + 112 + 240 \\
 475 &:= 1^0 + 5^0 + 6^3 + 16^2 + 19^0 &= 10 + 50 + 63 + 162 + 190 & 475 &:= 1^8 + 4^4 + 6^0 + 14^2 + 21^1 &= 18 + 44 + 60 + 142 + 211 \\
 475 &:= 1^0 + 5^1 + 11^0 + 12^2 + 18^2 &= 10 + 51 + 110 + 122 + 182 & 475 &:= 1^8 + 4^4 + 6^3 + 10^0 + 25^0 &= 18 + 44 + 63 + 100 + 250 \\
 475 &:= 1^0 + 5^2 + 7^1 + 13^0 + 21^2 &= 10 + 52 + 71 + 130 + 212 & 475 &:= 1^8 + 4^4 + 6^3 + 11^0 + 24^0 &= 18 + 44 + 63 + 110 + 240 \\
 475 &:= 1^0 + 6^0 + 6^3 + 16^2 + 18^0 &= 10 + 60 + 63 + 162 + 180 & 475 &:= 1^8 + 4^4 + 6^3 + 12^0 + 23^0 &= 18 + 44 + 63 + 120 + 230 \\
 475 &:= 1^0 + 6^3 + 10^0 + 14^0 + 16^2 &= 10 + 63 + 100 + 140 + 162 & 475 &:= 1^8 + 4^4 + 6^3 + 13^0 + 22^0 &= 18 + 44 + 63 + 130 + 220 \\
 475 &:= 1^0 + 6^3 + 11^0 + 13^0 + 16^2 &= 10 + 63 + 110 + 130 + 162 & 475 &:= 1^8 + 4^4 + 6^3 + 14^0 + 21^0 &= 18 + 44 + 63 + 140 + 210 \\
 475 &:= 1^0 + 6^3 + 12^0 + 12^0 + 16^2 &= 10 + 63 + 120 + 120 + 162 & 475 &:= 1^8 + 4^4 + 6^3 + 15^0 + 20^0 &= 18 + 44 + 63 + 150 + 200 \\
 475 &:= 1^0 + 6^3 + 7^0 + 16^2 + 17^0 &= 10 + 63 + 70 + 162 + 170 & 475 &:= 1^8 + 4^4 + 6^3 + 16^0 + 19^0 &= 18 + 44 + 63 + 160 + 190 \\
 475 &:= 1^0 + 6^3 + 8^0 + 16^0 + 16^2 &= 10 + 63 + 80 + 160 + 162 & 475 &:= 1^8 + 4^4 + 6^3 + 17^0 + 18^0 &= 18 + 44 + 63 + 170 + 180 \\
 475 &:= 1^0 + 6^3 + 9^0 + 15^0 + 16^2 &= 10 + 63 + 90 + 150 + 162 & 475 &:= 1^8 + 4^4 + 6^3 + 8^0 + 27^0 &= 18 + 44 + 63 + 80 + 270 \\
 475 &:= 1^0 + 8^2 + 9^0 + 9^1 + 20^2 &= 10 + 82 + 90 + 91 + 202 & 475 &:= 1^8 + 4^4 + 6^3 + 9^0 + 26^0 &= 18 + 44 + 63 + 90 + 260 \\
 475 &:= 1^1 + 1^9 + 6^3 + 16^2 + 22^0 &= 11 + 19 + 63 + 162 + 220 & 475 &:= 1^8 + 7^2 + 7^3 + 9^2 + 22^0 &= 18 + 72 + 73 + 92 + 220 \\
 475 &:= 1^2 + 1^8 + 6^3 + 16^2 + 22^0 &= 12 + 18 + 63 + 162 + 220 & 475 &:= 1^9 + 3^2 + 8^2 + 14^0 + 20^2 &= 19 + 32 + 82 + 140 + 202 \\
 475 &:= 1^3 + 1^7 + 6^3 + 16^2 + 22^0 &= 13 + 17 + 63 + 162 + 220 & 475 &:= 1^9 + 3^3 + 5^1 + 16^0 + 21^2 &= 19 + 33 + 51 + 160 + 212 \\
 475 &:= 1^4 + 1^6 + 6^3 + 16^2 + 22^0 &= 14 + 16 + 63 + 162 + 220 & 475 &:= 1^9 + 4^2 + 4^2 + 16^0 + 21^2 &= 19 + 42 + 42 + 160 + 212 \\
 475 &:= 1^4 + 2^8 + 6^3 + 10^0 + 27^0 &= 14 + 28 + 63 + 100 + 270 & 475 &:= 1^9 + 4^3 + 9^1 + 12^0 + 20^2 &= 19 + 43 + 91 + 120 + 202 \\
 475 &:= 1^4 + 2^8 + 6^3 + 11^0 + 26^0 &= 14 + 28 + 63 + 110 + 260 & 475 &:= 1^9 + 7^2 + 10^0 + 10^2 + 18^2 &= 19 + 72 + 100 + 102 + 182 \\
 475 &:= 1^4 + 2^8 + 6^3 + 12^0 + 25^0 &= 14 + 28 + 63 + 120 + 250 & 475 &:= 1^9 + 7^3 + 9^1 + 11^2 + 18^0 &= 19 + 73 + 91 + 112 + 180 \\
 475 &:= 1^4 + 2^8 + 6^3 + 13^0 + 24^0 &= 14 + 28 + 63 + 130 + 240 & 475 &:= 1^9 + 8^0 + 9^2 + 14^2 + 14^2 &= 19 + 80 + 92 + 142 + 142 \\
 475 &:= 1^4 + 2^8 + 6^3 + 14^0 + 23^0 &= 14 + 28 + 63 + 140 + 230 & 475 &:= 2^0 + 2^0 + 6^3 + 16^2 + 21^0 &= 20 + 20 + 63 + 162 + 210 \\
 475 &:= 1^4 + 2^8 + 6^3 + 15^0 + 22^0 &= 14 + 28 + 63 + 150 + 220 & 475 &:= 2^0 + 2^6 + 2^6 + 18^2 + 22^1 &= 20 + 26 + 26 + 182 + 221 \\
 475 &:= 1^4 + 2^8 + 6^3 + 16^0 + 21^0 &= 14 + 28 + 63 + 160 + 210 & 475 &:= 2^0 + 3^0 + 6^3 + 16^2 + 20^0 &= 20 + 30 + 63 + 162 + 200 \\
 475 &:= 1^4 + 2^8 + 6^3 + 17^0 + 20^0 &= 14 + 28 + 63 + 170 + 200 & 475 &:= 2^0 + 4^0 + 10^2 + 12^1 + 19^2 &= 20 + 40 + 102 + 121 + 192
 \end{aligned}$$

$$\begin{aligned}
 475 &:= 2^0 + 4^0 + 4^2 + 16^1 + 21^2 = 20 + 40 + 42 + 161 + 212 \\
 475 &:= 2^0 + 4^0 + 6^3 + 16^2 + 19^0 = 20 + 40 + 63 + 162 + 190 \\
 475 &:= 2^0 + 5^0 + 6^3 + 16^2 + 18^0 = 20 + 50 + 63 + 162 + 180 \\
 475 &:= 2^0 + 5^1 + 10^0 + 12^2 + 18^2 = 20 + 51 + 100 + 122 + 182 \\
 475 &:= 2^0 + 5^2 + 7^1 + 12^0 + 21^2 = 20 + 52 + 71 + 120 + 212 \\
 475 &:= 2^0 + 6^0 + 6^3 + 16^2 + 17^0 = 20 + 60 + 63 + 162 + 170 \\
 475 &:= 2^0 + 6^3 + 10^0 + 13^0 + 16^2 = 20 + 63 + 100 + 130 + 162 \\
 475 &:= 2^0 + 6^3 + 11^0 + 12^0 + 16^2 = 20 + 63 + 110 + 120 + 162 \\
 475 &:= 2^0 + 6^3 + 7^0 + 16^0 + 16^2 = 20 + 63 + 70 + 160 + 162 \\
 475 &:= 2^0 + 6^3 + 8^0 + 15^0 + 16^2 = 20 + 63 + 80 + 150 + 162 \\
 475 &:= 2^0 + 6^3 + 9^0 + 14^0 + 16^2 = 20 + 63 + 90 + 140 + 162 \\
 475 &:= 2^0 + 8^0 + 8^2 + 9^1 + 20^2 = 20 + 80 + 82 + 91 + 202 \\
 475 &:= 2^4 + 2^8 + 6^1 + 14^2 + 22^0 = 24 + 28 + 61 + 142 + 220 \\
 475 &:= 2^7 + 3^2 + 3^4 + 16^2 + 22^0 = 27 + 32 + 34 + 162 + 220 \\
 475 &:= 2^7 + 3^4 + 11^2 + 12^2 + 18^0 = 27 + 34 + 112 + 122 + 180 \\
 475 &:= 2^7 + 3^5 + 9^2 + 10^0 + 22^1 = 27 + 35 + 92 + 100 + 221 \\
 475 &:= 2^7 + 4^3 + 4^4 + 10^0 + 26^1 = 27 + 43 + 44 + 100 + 261 \\
 475 &:= 2^8 + 3^4 + 11^2 + 14^0 + 16^1 = 28 + 34 + 112 + 140 + 161 \\
 475 &:= 3^0 + 3^0 + 10^2 + 12^1 + 19^2 = 30 + 30 + 102 + 121 + 192 \\
 475 &:= 3^0 + 3^0 + 4^2 + 16^1 + 21^2 = 30 + 30 + 42 + 161 + 212 \\
 475 &:= 3^0 + 3^0 + 6^3 + 16^2 + 19^0 = 30 + 30 + 63 + 162 + 190 \\
 475 &:= 3^0 + 4^0 + 6^3 + 16^2 + 18^0 = 30 + 40 + 63 + 162 + 180 \\
 475 &:= 3^0 + 5^0 + 6^3 + 16^2 + 17^0 = 30 + 50 + 63 + 162 + 170 \\
 475 &:= 3^0 + 5^1 + 9^0 + 12^2 + 18^2 = 30 + 51 + 90 + 122 + 182 \\
 475 &:= 3^0 + 5^2 + 7^1 + 11^0 + 21^2 = 30 + 52 + 71 + 110 + 212 \\
 475 &:= 3^0 + 6^0 + 6^3 + 16^0 + 16^2 = 30 + 60 + 63 + 160 + 162 \\
 475 &:= 3^0 + 6^3 + 10^0 + 12^0 + 16^2 = 30 + 63 + 100 + 120 + 162 \\
 475 &:= 3^0 + 6^3 + 11^0 + 11^0 + 16^2 = 30 + 63 + 110 + 110 + 162 \\
 475 &:= 3^0 + 6^3 + 7^0 + 15^0 + 16^2 = 30 + 63 + 70 + 150 + 162 \\
 475 &:= 3^0 + 6^3 + 8^0 + 14^0 + 16^2 = 30 + 63 + 80 + 140 + 162 \\
 475 &:= 3^0 + 6^3 + 9^0 + 13^0 + 16^2 = 30 + 63 + 90 + 130 + 162 \\
 475 &:= 3^0 + 7^0 + 8^2 + 9^1 + 20^2 = 30 + 70 + 82 + 91 + 202
 \end{aligned}$$

$$\begin{aligned}
 475 &:= 4^0 + 4^0 + 6^3 + 16^2 + 17^0 = 40 + 40 + 63 + 162 + 170 \\
 475 &:= 4^0 + 5^0 + 6^3 + 16^0 + 16^2 = 40 + 50 + 63 + 160 + 162 \\
 475 &:= 4^0 + 5^1 + 8^0 + 12^2 + 18^2 = 40 + 51 + 80 + 122 + 182 \\
 475 &:= 4^0 + 5^2 + 7^1 + 10^0 + 21^2 = 40 + 52 + 71 + 100 + 212 \\
 475 &:= 4^0 + 6^0 + 6^3 + 15^0 + 16^2 = 40 + 60 + 63 + 150 + 162 \\
 475 &:= 4^0 + 6^0 + 8^2 + 9^1 + 20^2 = 40 + 60 + 82 + 91 + 202 \\
 475 &:= 4^0 + 6^3 + 10^0 + 11^0 + 16^2 = 40 + 63 + 100 + 110 + 162 \\
 475 &:= 4^0 + 6^3 + 7^0 + 14^0 + 16^2 = 40 + 63 + 70 + 140 + 162 \\
 475 &:= 4^0 + 6^3 + 8^0 + 13^0 + 16^2 = 40 + 63 + 80 + 130 + 162 \\
 475 &:= 4^0 + 6^3 + 9^0 + 12^0 + 16^2 = 40 + 63 + 90 + 120 + 162 \\
 475 &:= 5^0 + 5^0 + 6^3 + 15^0 + 16^2 = 50 + 50 + 63 + 150 + 162 \\
 475 &:= 5^0 + 5^0 + 8^2 + 9^1 + 20^2 = 50 + 50 + 82 + 91 + 202 \\
 475 &:= 5^0 + 5^1 + 7^0 + 12^2 + 18^2 = 50 + 51 + 70 + 122 + 182 \\
 475 &:= 5^0 + 5^2 + 7^1 + 9^0 + 21^2 = 50 + 52 + 71 + 90 + 212 \\
 475 &:= 5^0 + 6^0 + 6^3 + 14^0 + 16^2 = 50 + 60 + 63 + 140 + 162 \\
 475 &:= 5^0 + 6^3 + 10^0 + 10^0 + 16^2 = 50 + 63 + 100 + 100 + 162 \\
 475 &:= 5^0 + 6^3 + 7^0 + 13^0 + 16^2 = 50 + 63 + 70 + 130 + 162 \\
 475 &:= 5^0 + 6^3 + 8^0 + 12^0 + 16^2 = 50 + 63 + 80 + 120 + 162 \\
 475 &:= 5^0 + 6^3 + 9^0 + 11^0 + 16^2 = 50 + 63 + 90 + 110 + 162 \\
 475 &:= 5^1 + 6^0 + 6^0 + 12^2 + 18^2 = 51 + 60 + 60 + 122 + 182 \\
 475 &:= 5^2 + 6^0 + 7^1 + 8^0 + 21^2 = 52 + 60 + 71 + 80 + 212 \\
 475 &:= 5^2 + 7^0 + 7^0 + 7^1 + 21^2 = 52 + 70 + 70 + 71 + 212 \\
 475 &:= 6^0 + 6^0 + 6^3 + 13^0 + 16^2 = 60 + 60 + 63 + 130 + 162 \\
 475 &:= 6^0 + 6^3 + 7^0 + 12^0 + 16^2 = 60 + 63 + 70 + 120 + 162 \\
 475 &:= 6^0 + 6^3 + 8^0 + 11^0 + 16^2 = 60 + 63 + 80 + 110 + 162 \\
 475 &:= 6^0 + 6^3 + 9^0 + 10^0 + 16^2 = 60 + 63 + 90 + 100 + 162 \\
 475 &:= 6^3 + 7^0 + 7^0 + 11^0 + 16^2 = 63 + 70 + 70 + 110 + 162 \\
 475 &:= 6^3 + 7^0 + 8^0 + 10^0 + 16^2 = 63 + 70 + 80 + 100 + 162 \\
 475 &:= 6^3 + 7^0 + 9^0 + 9^0 + 16^2 = 63 + 70 + 90 + 90 + 162 \\
 475 &:= 6^3 + 8^0 + 8^0 + 9^0 + 16^2 = 63 + 80 + 80 + 90 + 162
 \end{aligned}$$

2.2.377 Number 476

$$\begin{aligned}
 476 &:= 3^1 + 6^3 + 16^2 + 22^0 = 31 + 63 + 162 + 220 \\
 476 &:= 3^2 + 5^2 + 18^0 + 21^2 = 32 + 52 + 180 + 212 \\
 476 &:= 3^3 + 7^1 + 16^0 + 21^2 = 33 + 71 + 160 + 212 \\
 476 &:= 4^3 + 11^1 + 12^0 + 20^2 = 43 + 111 + 120 + 202
 \end{aligned}$$

$$\begin{aligned}
 476 &:= 5^2 + 12^0 + 15^2 + 15^2 = 52 + 120 + 152 + 152 \\
 476 &:= 7^3 + 11^1 + 11^2 + 18^0 = 73 + 111 + 112 + 180 \\
 476 &:= 9^2 + 10^0 + 13^2 + 15^2 = 92 + 100 + 132 + 152 \\
 476 &:= 1^0 + 1^9 + 2^5 + 21^0 + 21^2 = 10 + 19 + 25 + 210 + 212
 \end{aligned}$$

$$\begin{aligned}476 &:= 1^0 + 2^1 + 6^3 + 16^2 + 22^0 = 10 + 21 + 63 + 162 + 220 \\476 &:= 1^0 + 3^3 + 6^1 + 16^0 + 21^2 = 10 + 33 + 61 + 160 + 212 \\476 &:= 1^0 + 4^2 + 12^0 + 13^2 + 17^2 = 10 + 42 + 120 + 132 + 172 \\476 &:= 1^0 + 4^3 + 10^1 + 12^0 + 20^2 = 10 + 43 + 101 + 120 + 202 \\476 &:= 1^0 + 5^2 + 7^2 + 14^0 + 20^2 = 10 + 52 + 72 + 140 + 202 \\476 &:= 1^0 + 7^2 + 10^0 + 13^2 + 16^2 = 10 + 72 + 100 + 132 + 162 \\476 &:= 1^0 + 7^2 + 8^2 + 12^0 + 19^2 = 10 + 72 + 82 + 120 + 192 \\476 &:= 1^0 + 7^3 + 10^1 + 11^2 + 18^0 = 10 + 73 + 101 + 112 + 180 \\476 &:= 1^0 + 8^2 + 10^0 + 11^2 + 17^2 = 10 + 82 + 100 + 112 + 172 \\476 &:= 1^1 + 1^8 + 2^5 + 21^0 + 21^2 = 11 + 18 + 25 + 210 + 212 \\476 &:= 1^1 + 2^6 + 2^6 + 18^2 + 23^1 = 11 + 26 + 26 + 182 + 231 \\476 &:= 1^1 + 4^0 + 10^2 + 13^1 + 19^2 = 11 + 40 + 102 + 131 + 192 \\476 &:= 1^1 + 4^0 + 4^2 + 17^1 + 21^2 = 11 + 40 + 42 + 171 + 212 \\476 &:= 1^1 + 5^2 + 8^1 + 12^0 + 21^2 = 11 + 52 + 81 + 120 + 212 \\476 &:= 1^1 + 6^1 + 10^0 + 12^2 + 18^2 = 11 + 61 + 100 + 122 + 182 \\476 &:= 1^1 + 8^0 + 8^2 + 10^1 + 20^2 = 11 + 80 + 82 + 101 + 202 \\476 &:= 1^2 + 1^7 + 2^5 + 21^0 + 21^2 = 12 + 17 + 25 + 210 + 212 \\476 &:= 1^3 + 1^6 + 2^5 + 21^0 + 21^2 = 13 + 16 + 25 + 210 + 212 \\476 &:= 1^3 + 2^8 + 5^2 + 13^2 + 25^1 = 13 + 28 + 52 + 132 + 251 \\476 &:= 1^4 + 1^5 + 2^5 + 21^0 + 21^2 = 14 + 15 + 25 + 210 + 212 \\476 &:= 1^4 + 2^8 + 7^2 + 13^2 + 23^0 = 14 + 28 + 72 + 132 + 230 \\476 &:= 1^5 + 2^5 + 3^4 + 19^2 + 21^0 = 15 + 25 + 34 + 192 + 210 \\476 &:= 1^5 + 2^7 + 11^2 + 15^2 + 17^0 = 15 + 27 + 112 + 152 + 170 \\476 &:= 1^5 + 2^8 + 7^0 + 14^2 + 22^1 = 15 + 28 + 70 + 142 + 221 \\476 &:= 1^6 + 2^5 + 5^2 + 18^1 + 20^2 = 16 + 25 + 52 + 181 + 202 \\476 &:= 1^6 + 2^6 + 11^2 + 15^0 + 17^2 = 16 + 26 + 112 + 150 + 172 \\476 &:= 1^6 + 2^6 + 7^2 + 17^0 + 19^2 = 16 + 26 + 72 + 170 + 192 \\476 &:= 1^6 + 2^7 + 3^0 + 18^2 + 22^1 = 16 + 27 + 30 + 182 + 221 \\476 &:= 1^7 + 2^4 + 11^2 + 14^1 + 18^2 = 17 + 24 + 112 + 141 + 182 \\476 &:= 1^7 + 2^5 + 9^2 + 15^0 + 19^2 = 17 + 25 + 92 + 150 + 192 \\476 &:= 1^7 + 2^6 + 10^1 + 13^0 + 20^2 = 17 + 26 + 101 + 130 + 202 \\476 &:= 1^7 + 3^5 + 6^3 + 15^1 + 21^0 = 17 + 35 + 63 + 151 + 210 \\476 &:= 1^8 + 2^4 + 13^0 + 13^2 + 17^2 = 18 + 24 + 130 + 132 + 172 \\476 &:= 1^8 + 3^5 + 6^1 + 15^2 + 21^0 = 18 + 35 + 61 + 152 + 210 \\476 &:= 1^8 + 4^4 + 7^2 + 13^2 + 21^0 = 18 + 44 + 72 + 132 + 210 \\476 &:= 1^8 + 6^3 + 11^2 + 11^2 + 17^1 = 18 + 63 + 112 + 112 + 171 \\476 &:= 1^9 + 2^0 + 2^5 + 20^0 + 21^2 = 19 + 20 + 25 + 200 + 212 \\476 &:= 1^9 + 2^2 + 13^1 + 13^2 + 17^2 = 19 + 22 + 131 + 132 + 172\end{aligned}$$

$$\begin{aligned}476 &:= 1^9 + 2^3 + 5^2 + 17^0 + 21^2 = 19 + 23 + 52 + 170 + 212 \\476 &:= 1^9 + 2^4 + 5^0 + 17^1 + 21^2 = 19 + 24 + 50 + 171 + 212 \\476 &:= 1^9 + 2^5 + 10^0 + 12^0 + 21^2 = 19 + 25 + 100 + 120 + 212 \\476 &:= 1^9 + 2^5 + 11^0 + 11^0 + 21^2 = 19 + 25 + 110 + 110 + 212 \\476 &:= 1^9 + 2^5 + 3^0 + 19^0 + 21^2 = 19 + 25 + 30 + 190 + 212 \\476 &:= 1^9 + 2^5 + 4^0 + 18^0 + 21^2 = 19 + 25 + 40 + 180 + 212 \\476 &:= 1^9 + 2^5 + 5^0 + 17^0 + 21^2 = 19 + 25 + 50 + 170 + 212 \\476 &:= 1^9 + 2^5 + 6^0 + 16^0 + 21^2 = 19 + 25 + 60 + 160 + 212 \\476 &:= 1^9 + 2^5 + 7^0 + 15^0 + 21^2 = 19 + 25 + 70 + 150 + 212 \\476 &:= 1^9 + 2^5 + 8^0 + 14^0 + 21^2 = 19 + 25 + 80 + 140 + 212 \\476 &:= 1^9 + 2^5 + 9^0 + 13^0 + 21^2 = 19 + 25 + 90 + 130 + 212 \\476 &:= 1^9 + 4^3 + 11^2 + 13^0 + 17^2 = 19 + 43 + 112 + 130 + 172 \\476 &:= 1^9 + 4^3 + 7^2 + 15^0 + 19^2 = 19 + 43 + 72 + 150 + 192 \\476 &:= 1^9 + 4^4 + 5^0 + 14^2 + 22^1 = 19 + 44 + 50 + 142 + 221 \\476 &:= 1^9 + 5^2 + 5^3 + 17^0 + 18^2 = 19 + 52 + 53 + 170 + 182 \\476 &:= 1^9 + 5^2 + 6^2 + 14^1 + 20^2 = 19 + 52 + 62 + 141 + 202 \\476 &:= 1^9 + 5^3 + 6^1 + 7^3 + 27^0 = 19 + 53 + 61 + 73 + 270 \\476 &:= 1^9 + 8^1 + 11^2 + 11^2 + 15^2 = 19 + 81 + 112 + 112 + 152 \\476 &:= 2^0 + 2^1 + 6^3 + 16^2 + 21^0 = 20 + 21 + 63 + 162 + 210 \\476 &:= 2^0 + 3^3 + 6^1 + 15^0 + 21^2 = 20 + 33 + 61 + 150 + 212 \\476 &:= 2^0 + 4^2 + 11^0 + 13^2 + 17^2 = 20 + 42 + 110 + 132 + 172 \\476 &:= 2^0 + 4^3 + 10^1 + 11^0 + 20^2 = 20 + 43 + 101 + 110 + 202 \\476 &:= 2^0 + 5^2 + 7^2 + 13^0 + 20^2 = 20 + 52 + 72 + 130 + 202 \\476 &:= 2^0 + 7^2 + 8^2 + 11^0 + 19^2 = 20 + 72 + 82 + 110 + 192 \\476 &:= 2^0 + 7^2 + 9^0 + 13^2 + 16^2 = 20 + 72 + 90 + 132 + 162 \\476 &:= 2^0 + 7^3 + 10^1 + 11^2 + 17^0 = 20 + 73 + 101 + 112 + 170 \\476 &:= 2^0 + 8^2 + 9^0 + 11^2 + 17^2 = 20 + 82 + 90 + 112 + 172 \\476 &:= 2^1 + 2^6 + 2^6 + 18^2 + 22^1 = 21 + 26 + 26 + 182 + 221 \\476 &:= 2^1 + 3^0 + 6^3 + 16^2 + 20^0 = 21 + 30 + 63 + 162 + 200 \\476 &:= 2^1 + 4^0 + 10^2 + 12^1 + 19^2 = 21 + 40 + 102 + 121 + 192 \\476 &:= 2^1 + 4^0 + 4^2 + 16^1 + 21^2 = 21 + 40 + 42 + 161 + 212 \\476 &:= 2^1 + 4^0 + 6^3 + 16^2 + 19^0 = 21 + 40 + 63 + 162 + 190 \\476 &:= 2^1 + 5^0 + 6^3 + 16^2 + 18^0 = 21 + 50 + 63 + 162 + 180 \\476 &:= 2^1 + 5^1 + 10^0 + 12^2 + 18^2 = 21 + 51 + 100 + 122 + 182 \\476 &:= 2^1 + 5^2 + 7^1 + 12^0 + 21^2 = 21 + 52 + 71 + 120 + 212 \\476 &:= 2^1 + 6^0 + 6^3 + 16^2 + 17^0 = 21 + 60 + 63 + 162 + 170 \\476 &:= 2^1 + 6^3 + 10^0 + 13^0 + 16^2 = 21 + 63 + 100 + 130 + 162 \\476 &:= 2^1 + 6^3 + 11^0 + 12^0 + 16^2 = 21 + 63 + 110 + 120 + 162\end{aligned}$$

$$\begin{aligned}476 &:= 2^1 + 6^3 + 7^0 + 16^0 + 16^2 = 21 + 63 + 70 + 160 + 162 \\476 &:= 2^1 + 6^3 + 8^0 + 15^0 + 16^2 = 21 + 63 + 80 + 150 + 162 \\476 &:= 2^1 + 6^3 + 9^0 + 14^0 + 16^2 = 21 + 63 + 90 + 140 + 162 \\476 &:= 2^1 + 8^0 + 8^2 + 9^1 + 20^2 = 21 + 80 + 82 + 91 + 202 \\476 &:= 2^3 + 2^6 + 4^4 + 11^2 + 27^1 = 23 + 26 + 44 + 112 + 271 \\476 &:= 2^5 + 2^6 + 13^2 + 14^2 + 15^1 = 25 + 26 + 132 + 142 + 151 \\476 &:= 2^5 + 2^8 + 11^0 + 13^2 + 18^1 = 25 + 28 + 110 + 132 + 181 \\476 &:= 2^6 + 2^6 + 10^1 + 14^1 + 18^2 = 26 + 26 + 101 + 141 + 182 \\476 &:= 2^6 + 2^6 + 11^1 + 13^1 + 18^2 = 26 + 26 + 111 + 131 + 182 \\476 &:= 2^6 + 2^6 + 12^1 + 12^1 + 18^2 = 26 + 26 + 121 + 121 + 182 \\476 &:= 2^6 + 2^6 + 3^1 + 18^2 + 21^1 = 26 + 26 + 31 + 182 + 211 \\476 &:= 2^6 + 2^6 + 4^1 + 18^2 + 20^1 = 26 + 26 + 41 + 182 + 201 \\476 &:= 2^6 + 2^6 + 5^1 + 18^2 + 19^1 = 26 + 26 + 51 + 182 + 191 \\476 &:= 2^6 + 2^6 + 6^1 + 18^1 + 18^2 = 26 + 26 + 61 + 181 + 182 \\476 &:= 2^6 + 2^6 + 7^1 + 17^1 + 18^2 = 26 + 26 + 71 + 171 + 182 \\476 &:= 2^6 + 2^6 + 8^1 + 16^1 + 18^2 = 26 + 26 + 81 + 161 + 182 \\476 &:= 2^6 + 2^6 + 9^1 + 15^1 + 18^2 = 26 + 26 + 91 + 151 + 182 \\476 &:= 2^6 + 3^5 + 8^2 + 9^2 + 24^1 = 26 + 35 + 82 + 92 + 241 \\476 &:= 2^7 + 3^4 + 4^4 + 10^1 + 27^0 = 27 + 34 + 44 + 101 + 270 \\476 &:= 2^8 + 3^2 + 4^3 + 11^2 + 26^1 = 28 + 32 + 43 + 112 + 261 \\476 &:= 2^8 + 3^3 + 5^2 + 12^2 + 24^1 = 28 + 33 + 52 + 122 + 241 \\476 &:= 2^8 + 3^3 + 7^2 + 11^2 + 23^1 = 28 + 33 + 72 + 112 + 231 \\476 &:= 2^8 + 3^4 + 5^3 + 13^1 + 23^0 = 28 + 34 + 53 + 131 + 230 \\476 &:= 3^0 + 3^3 + 6^1 + 14^0 + 21^2 = 30 + 33 + 61 + 140 + 212 \\476 &:= 3^0 + 4^2 + 10^0 + 13^2 + 17^2 = 30 + 42 + 100 + 132 + 172 \\476 &:= 3^0 + 4^3 + 10^0 + 10^1 + 20^2 = 30 + 43 + 100 + 101 + 202 \\476 &:= 3^0 + 5^2 + 7^2 + 12^0 + 20^2 = 30 + 52 + 72 + 120 + 202 \\476 &:= 3^0 + 7^2 + 8^0 + 13^2 + 16^2 = 30 + 72 + 80 + 132 + 162 \\476 &:= 3^0 + 7^2 + 8^2 + 10^0 + 19^2 = 30 + 72 + 82 + 100 + 192 \\476 &:= 3^0 + 7^3 + 10^1 + 11^2 + 16^0 = 30 + 73 + 101 + 112 + 160 \\476 &:= 3^0 + 8^0 + 8^2 + 11^2 + 17^2 = 30 + 80 + 82 + 112 + 172 \\476 &:= 3^1 + 4^0 + 10^2 + 11^1 + 19^2 = 31 + 40 + 102 + 111 + 192 \\476 &:= 3^1 + 4^0 + 4^2 + 15^1 + 21^2 = 31 + 40 + 42 + 151 + 212 \\476 &:= 3^1 + 4^1 + 10^0 + 12^2 + 18^2 = 31 + 41 + 100 + 122 + 182 \\476 &:= 3^1 + 5^2 + 6^1 + 12^0 + 21^2 = 31 + 52 + 61 + 120 + 212 \\476 &:= 3^1 + 8^0 + 8^1 + 8^2 + 20^2 = 31 + 80 + 81 + 82 + 202 \\476 &:= 3^3 + 4^0 + 6^1 + 13^0 + 21^2 = 33 + 40 + 61 + 130 + 212 \\476 &:= 3^3 + 5^0 + 6^1 + 12^0 + 21^2 = 33 + 50 + 61 + 120 + 212\end{aligned}$$

$$\begin{aligned}476 &:= 3^3 + 6^0 + 6^1 + 11^0 + 21^2 = 33 + 60 + 61 + 110 + 212 \\476 &:= 3^3 + 6^1 + 7^0 + 10^0 + 21^2 = 33 + 61 + 70 + 100 + 212 \\476 &:= 3^3 + 6^1 + 8^0 + 9^0 + 21^2 = 33 + 61 + 80 + 90 + 212 \\476 &:= 4^0 + 4^1 + 10^1 + 10^2 + 19^2 = 40 + 41 + 101 + 102 + 192 \\476 &:= 4^0 + 4^1 + 4^2 + 14^1 + 21^2 = 40 + 41 + 42 + 141 + 212 \\476 &:= 4^0 + 4^2 + 5^1 + 13^1 + 21^2 = 40 + 42 + 51 + 131 + 212 \\476 &:= 4^0 + 4^2 + 6^1 + 12^1 + 21^2 = 40 + 42 + 61 + 121 + 212 \\476 &:= 4^0 + 4^2 + 7^1 + 11^1 + 21^2 = 40 + 42 + 71 + 111 + 212 \\476 &:= 4^0 + 4^2 + 8^1 + 10^1 + 21^2 = 40 + 42 + 81 + 101 + 212 \\476 &:= 4^0 + 4^2 + 9^0 + 13^2 + 17^2 = 40 + 42 + 90 + 132 + 172 \\476 &:= 4^0 + 4^2 + 9^1 + 9^1 + 21^2 = 40 + 42 + 91 + 91 + 212 \\476 &:= 4^0 + 4^3 + 9^0 + 10^1 + 20^2 = 40 + 43 + 90 + 101 + 202 \\476 &:= 4^0 + 5^1 + 9^1 + 10^2 + 19^2 = 40 + 51 + 91 + 102 + 192 \\476 &:= 4^0 + 5^2 + 7^2 + 11^0 + 20^2 = 40 + 52 + 72 + 110 + 202 \\476 &:= 4^0 + 6^1 + 8^1 + 10^2 + 19^2 = 40 + 61 + 81 + 102 + 192 \\476 &:= 4^0 + 7^0 + 7^2 + 13^2 + 16^2 = 40 + 70 + 72 + 132 + 162 \\476 &:= 4^0 + 7^0 + 8^2 + 11^2 + 17^2 = 40 + 70 + 82 + 112 + 172 \\476 &:= 4^0 + 7^1 + 7^1 + 10^2 + 19^2 = 40 + 71 + 71 + 102 + 192 \\476 &:= 4^0 + 7^2 + 8^2 + 9^0 + 19^2 = 40 + 72 + 82 + 90 + 192 \\476 &:= 4^0 + 7^3 + 10^1 + 11^2 + 15^0 = 40 + 73 + 101 + 112 + 150 \\476 &:= 4^1 + 5^1 + 5^2 + 12^0 + 21^2 = 41 + 51 + 52 + 120 + 212 \\476 &:= 4^1 + 7^1 + 8^0 + 8^2 + 20^2 = 41 + 71 + 80 + 82 + 202 \\476 &:= 4^2 + 5^0 + 8^0 + 13^2 + 17^2 = 42 + 50 + 80 + 132 + 172 \\476 &:= 4^2 + 6^0 + 7^0 + 13^2 + 17^2 = 42 + 60 + 70 + 132 + 172 \\476 &:= 4^3 + 5^0 + 8^0 + 10^1 + 20^2 = 43 + 50 + 80 + 101 + 202 \\476 &:= 4^3 + 6^0 + 7^0 + 10^1 + 20^2 = 43 + 60 + 70 + 101 + 202 \\476 &:= 5^0 + 5^2 + 7^2 + 10^0 + 20^2 = 50 + 52 + 72 + 100 + 202 \\476 &:= 5^0 + 6^0 + 7^2 + 13^2 + 16^2 = 50 + 60 + 72 + 132 + 162 \\476 &:= 5^0 + 6^0 + 8^2 + 11^2 + 17^2 = 50 + 60 + 82 + 112 + 172 \\476 &:= 5^0 + 7^2 + 8^0 + 8^2 + 19^2 = 50 + 72 + 80 + 82 + 192 \\476 &:= 5^0 + 7^3 + 10^1 + 11^2 + 14^0 = 50 + 73 + 101 + 112 + 140 \\476 &:= 5^1 + 6^1 + 8^0 + 8^2 + 20^2 = 51 + 61 + 80 + 82 + 202 \\476 &:= 5^2 + 6^0 + 7^2 + 9^0 + 20^2 = 52 + 60 + 72 + 90 + 202 \\476 &:= 5^2 + 7^0 + 7^2 + 8^0 + 20^2 = 52 + 70 + 72 + 80 + 202 \\476 &:= 6^0 + 7^0 + 7^2 + 8^2 + 19^2 = 60 + 70 + 72 + 82 + 192 \\476 &:= 6^0 + 7^3 + 10^1 + 11^2 + 13^0 = 60 + 73 + 101 + 112 + 130 \\476 &:= 7^0 + 7^3 + 10^1 + 11^2 + 12^0 = 70 + 73 + 101 + 112 + 120 \\476 &:= 7^3 + 8^0 + 10^1 + 11^0 + 11^2 = 73 + 80 + 101 + 110 + 112\end{aligned}$$

$$476 := 7^3 + 9^0 + 10^0 + 10^1 + 11^2 = 73 + 90 + 100 + 101 + 112$$

2.2.378 Number 477

$$477 := 10^1 + 11^2 + 11^2 + 15^2 = 101 + 112 + 112 + 152$$

$$477 := 2^2 + 13^2 + 15^1 + 17^2 = 22 + 132 + 151 + 172$$

$$477 := 2^2 + 6^3 + 16^2 + 23^0 = 22 + 63 + 162 + 230$$

$$477 := 2^3 + 12^2 + 15^0 + 18^2 = 23 + 122 + 150 + 182$$

$$477 := 2^4 + 5^0 + 19^1 + 21^2 = 24 + 50 + 191 + 212$$

$$477 := 3^3 + 7^2 + 17^0 + 20^2 = 33 + 72 + 170 + 202$$

$$477 := 4^4 + 5^0 + 14^2 + 24^1 = 44 + 50 + 142 + 241$$

$$477 := 5^2 + 6^2 + 16^1 + 20^2 = 52 + 62 + 161 + 202$$

$$477 := 5^3 + 7^3 + 8^1 + 27^0 = 53 + 73 + 81 + 270$$

$$477 := 6^3 + 8^2 + 14^2 + 19^0 = 63 + 82 + 142 + 190$$

$$477 := 1^0 + 2^2 + 13^2 + 14^1 + 17^2 = 10 + 22 + 132 + 141 + 172$$

$$477 := 1^0 + 2^4 + 5^0 + 18^1 + 21^2 = 10 + 24 + 50 + 181 + 212$$

$$477 := 1^0 + 4^4 + 5^0 + 14^2 + 23^1 = 10 + 44 + 50 + 142 + 231$$

$$477 := 1^0 + 5^2 + 6^2 + 15^1 + 20^2 = 10 + 52 + 62 + 151 + 202$$

$$477 := 1^0 + 5^3 + 7^1 + 7^3 + 27^0 = 10 + 53 + 71 + 73 + 270$$

$$477 := 1^0 + 9^1 + 11^2 + 11^2 + 15^2 = 10 + 91 + 112 + 112 + 152$$

$$477 := 1^1 + 3^1 + 6^3 + 16^2 + 21^0 = 11 + 31 + 63 + 162 + 210$$

$$477 := 1^1 + 3^2 + 5^2 + 17^0 + 21^2 = 11 + 32 + 52 + 170 + 212$$

$$477 := 1^1 + 3^3 + 7^1 + 15^0 + 21^2 = 11 + 33 + 71 + 150 + 212$$

$$477 := 1^1 + 4^3 + 11^0 + 11^1 + 20^2 = 11 + 43 + 110 + 111 + 202$$

$$477 := 1^1 + 5^2 + 11^0 + 15^2 + 15^2 = 11 + 52 + 110 + 152 + 152$$

$$477 := 1^1 + 7^3 + 11^1 + 11^2 + 17^0 = 11 + 73 + 111 + 112 + 170$$

$$477 := 1^1 + 9^0 + 9^2 + 13^2 + 15^2 = 11 + 90 + 92 + 132 + 152$$

$$477 := 1^2 + 3^0 + 10^2 + 14^1 + 19^2 = 12 + 30 + 102 + 141 + 192$$

$$477 := 1^2 + 3^0 + 4^2 + 18^1 + 21^2 = 12 + 30 + 42 + 181 + 212$$

$$477 := 1^2 + 5^2 + 9^1 + 11^0 + 21^2 = 12 + 52 + 91 + 110 + 212$$

$$477 := 1^2 + 7^0 + 8^2 + 11^1 + 20^2 = 12 + 70 + 82 + 111 + 202$$

$$477 := 1^2 + 7^1 + 9^0 + 12^2 + 18^2 = 12 + 71 + 90 + 122 + 182$$

$$477 := 1^6 + 2^8 + 6^0 + 14^2 + 23^1 = 16 + 28 + 60 + 142 + 231$$

$$477 := 1^7 + 2^0 + 2^7 + 18^2 + 23^1 = 17 + 20 + 27 + 182 + 231$$

$$477 := 1^7 + 2^5 + 7^3 + 10^2 + 26^0 = 17 + 25 + 73 + 102 + 260$$

$$477 := 1^8 + 1^9 + 2^7 + 18^2 + 23^1 = 18 + 19 + 27 + 182 + 231$$

$$477 := 1^8 + 2^6 + 11^1 + 12^0 + 20^2 = 18 + 26 + 111 + 120 + 202$$

$$477 := 1^8 + 3^5 + 6^2 + 14^2 + 22^0 = 18 + 35 + 62 + 142 + 220$$

$$477 := 1^8 + 3^5 + 6^3 + 16^1 + 20^0 = 18 + 35 + 63 + 161 + 200$$

$$477 := 1^9 + 2^1 + 2^5 + 20^0 + 21^2 = 19 + 21 + 25 + 200 + 212$$

$$477 := 1^9 + 3^4 + 13^2 + 14^0 + 15^2 = 19 + 34 + 132 + 140 + 152$$

$$477 := 1^9 + 3^5 + 7^1 + 15^2 + 20^0 = 19 + 35 + 71 + 152 + 200$$

$$477 := 1^9 + 5^3 + 5^3 + 15^2 + 20^0 = 19 + 53 + 53 + 152 + 200$$

$$477 := 2^0 + 2^4 + 4^0 + 18^1 + 21^2 = 20 + 24 + 40 + 181 + 212$$

$$477 := 2^0 + 4^0 + 4^4 + 14^2 + 23^1 = 20 + 40 + 44 + 142 + 231$$

$$477 := 2^0 + 5^3 + 7^1 + 7^3 + 26^0 = 20 + 53 + 71 + 73 + 260$$

$$477 := 2^1 + 2^1 + 6^3 + 16^2 + 21^0 = 21 + 21 + 63 + 162 + 210$$

$$477 := 2^1 + 3^3 + 6^1 + 15^0 + 21^2 = 21 + 33 + 61 + 150 + 212$$

$$477 := 2^1 + 4^2 + 11^0 + 13^2 + 17^2 = 21 + 42 + 110 + 132 + 172$$

$$477 := 2^1 + 4^3 + 10^1 + 11^0 + 20^2 = 21 + 43 + 101 + 110 + 202$$

$$477 := 2^1 + 5^2 + 7^2 + 13^0 + 20^2 = 21 + 52 + 72 + 130 + 202$$

$$477 := 2^1 + 7^2 + 8^2 + 11^0 + 19^2 = 21 + 72 + 82 + 110 + 192$$

$$477 := 2^1 + 7^2 + 9^0 + 13^2 + 16^2 = 21 + 72 + 90 + 132 + 162$$

$$477 := 2^1 + 7^3 + 10^1 + 11^2 + 17^0 = 21 + 73 + 101 + 112 + 170$$

$$477 := 2^1 + 8^2 + 9^0 + 11^2 + 17^2 = 21 + 82 + 90 + 112 + 172$$

$$477 := 2^2 + 4^1 + 11^0 + 12^2 + 18^2 = 22 + 41 + 110 + 122 + 182$$

$$477 := 2^2 + 4^2 + 5^0 + 15^1 + 21^2 = 22 + 42 + 50 + 151 + 212$$

$$477 := 2^2 + 5^0 + 10^2 + 11^1 + 19^2 = 22 + 50 + 102 + 111 + 192$$

$$477 := 2^2 + 5^2 + 6^1 + 13^0 + 21^2 = 22 + 52 + 61 + 130 + 212$$

$$477 := 2^2 + 8^1 + 8^2 + 9^0 + 20^2 = 22 + 81 + 82 + 90 + 202$$

$$477 := 2^3 + 2^4 + 2^8 + 14^2 + 26^0 = 23 + 24 + 28 + 142 + 260$$

$$477 := 2^4 + 3^0 + 3^0 + 18^1 + 21^2 = 24 + 30 + 30 + 181 + 212$$

$$477 := 2^5 + 2^5 + 3^5 + 13^2 + 26^0 = 25 + 25 + 35 + 132 + 260$$

$$477 := 2^5 + 2^7 + 3^3 + 17^2 + 22^0 = 25 + 27 + 33 + 172 + 220$$

$$477 := 2^5 + 2^7 + 6^3 + 10^2 + 26^0 = 25 + 27 + 63 + 102 + 260$$

$$477 := 2^6 + 2^8 + 12^1 + 12^2 + 18^0 = 26 + 28 + 121 + 122 + 180$$

$$477 := 2^7 + 2^7 + 4^0 + 14^2 + 24^1 = 27 + 27 + 40 + 142 + 241$$

$$477 := 2^7 + 3^4 + 3^5 + 14^0 + 24^1 = 27 + 34 + 35 + 140 + 241$$

$$477 := 3^0 + 3^0 + 4^4 + 14^2 + 23^1 = 30 + 30 + 44 + 142 + 231$$

$$477 := 3^0 + 3^2 + 3^2 + 17^1 + 21^2 = 30 + 32 + 32 + 171 + 212$$

$$477 := 3^0 + 4^2 + 10^1 + 15^2 + 15^2 = 30 + 42 + 101 + 152 + 152$$

$$477 := 3^0 + 5^3 + 7^1 + 7^3 + 25^0 = 30 + 53 + 71 + 73 + 250$$

$$477 := 3^0 + 7^1 + 10^2 + 12^2 + 15^2 = 30 + 71 + 102 + 122 + 152$$

$$477 := 3^1 + 3^2 + 8^2 + 13^0 + 20^2 = 31 + 32 + 82 + 130 + 202$$

$$\begin{aligned}
 477 &:= 3^1 + 3^3 + 5^1 + 15^0 + 21^2 = 31 + 33 + 51 + 150 + 212 \\
 477 &:= 3^1 + 4^2 + 4^2 + 15^0 + 21^2 = 31 + 42 + 42 + 150 + 212 \\
 477 &:= 3^1 + 4^3 + 9^1 + 11^0 + 20^2 = 31 + 43 + 91 + 110 + 202 \\
 477 &:= 3^1 + 7^0 + 9^2 + 14^2 + 14^2 = 31 + 70 + 92 + 142 + 142 \\
 477 &:= 3^1 + 7^2 + 9^0 + 10^2 + 18^2 = 31 + 72 + 90 + 102 + 182 \\
 477 &:= 3^1 + 7^3 + 9^1 + 11^2 + 17^0 = 31 + 73 + 91 + 112 + 170 \\
 477 &:= 3^2 + 4^2 + 9^0 + 10^1 + 21^2 = 32 + 42 + 90 + 101 + 212 \\
 477 &:= 3^2 + 5^0 + 9^1 + 13^2 + 17^2 = 32 + 50 + 91 + 132 + 172 \\
 477 &:= 3^2 + 6^1 + 9^0 + 10^2 + 19^2 = 32 + 61 + 90 + 102 + 192 \\
 477 &:= 3^3 + 4^1 + 4^1 + 15^0 + 21^2 = 33 + 41 + 41 + 150 + 212 \\
 477 &:= 4^0 + 5^3 + 7^1 + 7^3 + 24^0 = 40 + 53 + 71 + 73 + 240 \\
 477 &:= 4^1 + 4^3 + 8^1 + 11^0 + 20^2 = 41 + 43 + 81 + 110 + 202 \\
 477 &:= 4^1 + 6^2 + 6^2 + 11^0 + 20^2 = 41 + 62 + 62 + 110 + 202 \\
 477 &:= 4^1 + 7^3 + 8^1 + 11^2 + 17^0 = 41 + 73 + 81 + 112 + 170 \\
 477 &:= 4^2 + 5^0 + 7^2 + 11^1 + 20^2 = 42 + 50 + 72 + 111 + 202 \\
 477 &:= 4^2 + 5^0 + 8^1 + 14^2 + 16^2 = 42 + 50 + 81 + 142 + 162 \\
 477 &:= 4^3 + 5^1 + 7^1 + 11^0 + 20^2 = 43 + 51 + 71 + 110 + 202 \\
 477 &:= 4^3 + 6^1 + 6^1 + 11^0 + 20^2 = 43 + 61 + 61 + 110 + 202 \\
 477 &:= 5^0 + 5^2 + 9^1 + 9^2 + 19^2 = 50 + 52 + 91 + 92 + 192
 \end{aligned}$$

$$\begin{aligned}
 477 &:= 5^0 + 5^3 + 7^1 + 7^3 + 23^0 = 50 + 53 + 71 + 73 + 230 \\
 477 &:= 5^0 + 6^1 + 7^2 + 14^2 + 15^2 = 50 + 61 + 72 + 142 + 152 \\
 477 &:= 5^0 + 6^1 + 9^2 + 10^2 + 17^2 = 50 + 61 + 92 + 102 + 172 \\
 477 &:= 5^0 + 6^2 + 7^1 + 12^2 + 17^2 = 50 + 62 + 71 + 122 + 172 \\
 477 &:= 5^0 + 7^1 + 8^2 + 9^2 + 18^2 = 50 + 71 + 82 + 92 + 182 \\
 477 &:= 5^1 + 7^1 + 7^3 + 11^2 + 17^0 = 51 + 71 + 73 + 112 + 170 \\
 477 &:= 5^2 + 6^1 + 7^0 + 11^2 + 18^2 = 52 + 61 + 70 + 112 + 182 \\
 477 &:= 5^3 + 6^0 + 7^1 + 7^3 + 22^0 = 53 + 60 + 71 + 73 + 220 \\
 477 &:= 5^3 + 7^0 + 7^1 + 7^3 + 21^0 = 53 + 70 + 71 + 73 + 210 \\
 477 &:= 5^3 + 7^1 + 7^3 + 10^0 + 18^0 = 53 + 71 + 73 + 100 + 180 \\
 477 &:= 5^3 + 7^1 + 7^3 + 11^0 + 17^0 = 53 + 71 + 73 + 110 + 170 \\
 477 &:= 5^3 + 7^1 + 7^3 + 12^0 + 16^0 = 53 + 71 + 73 + 120 + 160 \\
 477 &:= 5^3 + 7^1 + 7^3 + 13^0 + 15^0 = 53 + 71 + 73 + 130 + 150 \\
 477 &:= 5^3 + 7^1 + 7^3 + 14^0 + 14^0 = 53 + 71 + 73 + 140 + 140 \\
 477 &:= 5^3 + 7^1 + 7^3 + 8^0 + 20^0 = 53 + 71 + 73 + 80 + 200 \\
 477 &:= 5^3 + 7^1 + 7^3 + 9^0 + 19^0 = 53 + 71 + 73 + 90 + 190 \\
 477 &:= 6^1 + 6^1 + 7^3 + 11^2 + 17^0 = 61 + 61 + 73 + 112 + 170
 \end{aligned}$$

2.2.379 Number 478

$$\begin{aligned}
 478 &:= 1^8 + 2^7 + 18^2 + 25^1 = 18 + 27 + 182 + 251 \\
 478 &:= 2^4 + 10^2 + 16^0 + 19^2 = 24 + 102 + 160 + 192 \\
 478 &:= 2^5 + 4^1 + 20^0 + 21^2 = 25 + 41 + 200 + 212 \\
 478 &:= 3^2 + 5^3 + 7^3 + 32^0 = 32 + 53 + 73 + 320 \\
 478 &:= 3^5 + 9^1 + 15^2 + 20^0 = 35 + 91 + 152 + 200 \\
 478 &:= 4^4 + 10^2 + 11^2 + 22^0 = 44 + 102 + 112 + 220 \\
 478 &:= 4^4 + 5^1 + 6^3 + 32^0 = 44 + 51 + 63 + 320 \\
 478 &:= 4^4 + 5^2 + 14^2 + 24^0 = 44 + 52 + 142 + 240 \\
 478 &:= 1^0 + 1^8 + 2^7 + 18^2 + 24^1 = 10 + 18 + 27 + 182 + 241 \\
 478 &:= 1^0 + 2^3 + 3^3 + 20^0 + 21^2 = 10 + 23 + 33 + 200 + 212 \\
 478 &:= 1^0 + 2^5 + 3^1 + 20^0 + 21^2 = 10 + 25 + 31 + 200 + 212 \\
 478 &:= 1^0 + 3^3 + 5^3 + 18^2 + 20^0 = 10 + 33 + 53 + 182 + 200 \\
 478 &:= 1^0 + 3^5 + 8^1 + 15^2 + 20^0 = 10 + 35 + 81 + 152 + 200 \\
 478 &:= 1^0 + 4^3 + 6^3 + 14^2 + 22^0 = 10 + 43 + 63 + 142 + 220 \\
 478 &:= 1^1 + 1^7 + 2^7 + 18^2 + 24^1 = 11 + 17 + 27 + 182 + 241 \\
 478 &:= 1^1 + 2^2 + 6^3 + 16^2 + 22^0 = 11 + 22 + 63 + 162 + 220 \\
 478 &:= 1^1 + 2^3 + 12^2 + 14^0 + 18^2 = 11 + 23 + 122 + 140 + 182
 \end{aligned}$$

$$\begin{aligned}
 478 &:= 1^1 + 2^4 + 4^0 + 19^1 + 21^2 = 11 + 24 + 40 + 191 + 212 \\
 478 &:= 1^1 + 3^3 + 7^2 + 16^0 + 20^2 = 11 + 33 + 72 + 160 + 202 \\
 478 &:= 1^1 + 4^0 + 4^4 + 14^2 + 24^1 = 11 + 40 + 44 + 142 + 241 \\
 478 &:= 1^1 + 5^3 + 7^3 + 8^1 + 26^0 = 11 + 53 + 73 + 81 + 260 \\
 478 &:= 1^1 + 6^3 + 8^2 + 14^2 + 18^0 = 11 + 63 + 82 + 142 + 180 \\
 478 &:= 1^2 + 1^6 + 2^7 + 18^2 + 24^1 = 12 + 16 + 27 + 182 + 241 \\
 478 &:= 1^2 + 3^3 + 8^1 + 14^0 + 21^2 = 12 + 33 + 81 + 140 + 212 \\
 478 &:= 1^2 + 4^1 + 6^3 + 16^2 + 20^0 = 12 + 41 + 63 + 162 + 200 \\
 478 &:= 1^2 + 4^3 + 10^0 + 12^1 + 20^2 = 12 + 43 + 100 + 121 + 202 \\
 478 &:= 1^2 + 7^3 + 11^2 + 12^1 + 16^0 = 12 + 73 + 112 + 121 + 160 \\
 478 &:= 1^3 + 1^5 + 2^7 + 18^2 + 24^1 = 13 + 15 + 27 + 182 + 241 \\
 478 &:= 1^3 + 2^0 + 10^2 + 15^1 + 19^2 = 13 + 20 + 102 + 151 + 192 \\
 478 &:= 1^3 + 2^0 + 4^2 + 19^1 + 21^2 = 13 + 20 + 42 + 191 + 212 \\
 478 &:= 1^3 + 5^2 + 10^0 + 10^1 + 21^2 = 13 + 52 + 100 + 101 + 212 \\
 478 &:= 1^3 + 6^0 + 8^2 + 12^1 + 20^2 = 13 + 60 + 82 + 121 + 202 \\
 478 &:= 1^3 + 8^0 + 8^1 + 12^2 + 18^2 = 13 + 80 + 81 + 122 + 182 \\
 478 &:= 1^4 + 1^4 + 2^7 + 18^2 + 24^1 = 14 + 14 + 27 + 182 + 241
 \end{aligned}$$

$$\begin{aligned}478 &:= 1^4 + 1^9 + 10^2 + 15^1 + 19^2 = 14 + 19 + 102 + 151 + 192 \\478 &:= 1^4 + 1^9 + 4^2 + 19^1 + 21^2 = 14 + 19 + 42 + 191 + 212 \\478 &:= 1^5 + 1^8 + 10^2 + 15^1 + 19^2 = 15 + 18 + 102 + 151 + 192 \\478 &:= 1^5 + 1^8 + 4^2 + 19^1 + 21^2 = 15 + 18 + 42 + 191 + 212 \\478 &:= 1^5 + 2^6 + 3^5 + 13^2 + 27^0 = 15 + 26 + 35 + 132 + 270 \\478 &:= 1^6 + 1^7 + 10^2 + 15^1 + 19^2 = 16 + 17 + 102 + 151 + 192 \\478 &:= 1^6 + 1^7 + 4^2 + 19^1 + 21^2 = 16 + 17 + 42 + 191 + 212 \\478 &:= 1^7 + 2^1 + 2^7 + 18^2 + 23^1 = 17 + 21 + 27 + 182 + 231 \\478 &:= 1^7 + 2^5 + 4^3 + 19^2 + 20^1 = 17 + 25 + 43 + 192 + 201 \\478 &:= 1^7 + 2^6 + 6^3 + 14^2 + 23^0 = 17 + 26 + 63 + 142 + 230 \\478 &:= 1^7 + 2^7 + 10^1 + 15^1 + 18^2 = 17 + 27 + 101 + 151 + 182 \\478 &:= 1^7 + 2^7 + 11^1 + 14^1 + 18^2 = 17 + 27 + 111 + 141 + 182 \\478 &:= 1^7 + 2^7 + 12^1 + 13^1 + 18^2 = 17 + 27 + 121 + 131 + 182 \\478 &:= 1^7 + 2^7 + 3^1 + 18^2 + 22^1 = 17 + 27 + 31 + 182 + 221 \\478 &:= 1^7 + 2^7 + 4^1 + 18^2 + 21^1 = 17 + 27 + 41 + 182 + 211 \\478 &:= 1^7 + 2^7 + 5^1 + 18^2 + 20^1 = 17 + 27 + 51 + 182 + 201 \\478 &:= 1^7 + 2^7 + 6^1 + 18^2 + 19^1 = 17 + 27 + 61 + 182 + 191 \\478 &:= 1^7 + 2^7 + 7^1 + 18^1 + 18^2 = 17 + 27 + 71 + 181 + 182 \\478 &:= 1^7 + 2^7 + 8^1 + 17^1 + 18^2 = 17 + 27 + 81 + 171 + 182 \\478 &:= 1^7 + 2^7 + 9^1 + 16^1 + 18^2 = 17 + 27 + 91 + 161 + 182 \\478 &:= 1^7 + 2^8 + 5^0 + 14^2 + 24^1 = 17 + 28 + 50 + 142 + 241 \\478 &:= 1^7 + 3^5 + 4^3 + 12^2 + 26^1 = 17 + 35 + 43 + 122 + 261 \\478 &:= 1^8 + 2^3 + 3^5 + 15^2 + 25^0 = 18 + 23 + 35 + 152 + 250 \\478 &:= 1^8 + 3^3 + 4^4 + 13^2 + 25^1 = 18 + 33 + 44 + 132 + 251 \\478 &:= 1^8 + 3^5 + 4^3 + 13^2 + 25^0 = 18 + 35 + 43 + 132 + 250 \\478 &:= 1^9 + 2^3 + 2^3 + 20^1 + 21^2 = 19 + 23 + 23 + 201 + 212 \\478 &:= 1^9 + 2^3 + 5^3 + 18^2 + 20^1 = 19 + 23 + 53 + 182 + 201 \\478 &:= 1^9 + 2^3 + 7^3 + 10^2 + 26^1 = 19 + 23 + 73 + 102 + 261 \\478 &:= 1^9 + 2^6 + 11^0 + 12^1 + 20^2 = 19 + 26 + 110 + 121 + 202 \\478 &:= 1^9 + 3^3 + 7^3 + 9^2 + 26^1 = 19 + 33 + 73 + 92 + 261 \\478 &:= 1^9 + 3^4 + 4^2 + 19^1 + 19^2 = 19 + 34 + 42 + 191 + 192 \\478 &:= 1^9 + 3^5 + 6^3 + 17^1 + 19^0 = 19 + 35 + 63 + 171 + 190 \\478 &:= 1^9 + 3^5 + 8^2 + 13^2 + 21^0 = 19 + 35 + 82 + 132 + 210 \\478 &:= 1^9 + 4^4 + 10^2 + 10^2 + 21^1 = 19 + 44 + 102 + 102 + 211 \\478 &:= 2^0 + 2^3 + 3^2 + 19^1 + 21^2 = 20 + 23 + 32 + 191 + 212 \\478 &:= 2^0 + 2^3 + 3^3 + 19^0 + 21^2 = 20 + 23 + 33 + 190 + 212 \\478 &:= 2^0 + 2^5 + 3^1 + 19^0 + 21^2 = 20 + 25 + 31 + 190 + 212 \\478 &:= 2^0 + 3^2 + 5^3 + 18^2 + 19^1 = 20 + 32 + 53 + 182 + 191\end{aligned}$$

$$\begin{aligned}478 &:= 2^0 + 3^2 + 7^3 + 10^2 + 25^1 = 20 + 32 + 73 + 102 + 251 \\478 &:= 2^0 + 3^3 + 5^3 + 18^2 + 19^0 = 20 + 33 + 53 + 182 + 190 \\478 &:= 2^0 + 3^5 + 8^1 + 15^2 + 19^0 = 20 + 35 + 81 + 152 + 190 \\478 &:= 2^0 + 4^2 + 6^3 + 15^2 + 20^1 = 20 + 42 + 63 + 152 + 201 \\478 &:= 2^0 + 4^3 + 12^2 + 13^1 + 16^2 = 20 + 43 + 122 + 131 + 162 \\478 &:= 2^0 + 4^3 + 6^2 + 16^1 + 19^2 = 20 + 43 + 62 + 161 + 192 \\478 &:= 2^0 + 4^3 + 6^3 + 14^2 + 21^0 = 20 + 43 + 63 + 142 + 210 \\478 &:= 2^0 + 5^3 + 13^2 + 13^2 + 14^1 = 20 + 53 + 132 + 132 + 141 \\478 &:= 2^0 + 5^3 + 9^2 + 15^1 + 16^2 = 20 + 53 + 92 + 151 + 162 \\478 &:= 2^0 + 6^3 + 10^2 + 12^2 + 17^1 = 20 + 63 + 102 + 122 + 171 \\478 &:= 2^1 + 2^4 + 4^0 + 18^1 + 21^2 = 21 + 24 + 40 + 181 + 212 \\478 &:= 2^1 + 4^0 + 4^4 + 14^2 + 23^1 = 21 + 40 + 44 + 142 + 231 \\478 &:= 2^1 + 5^3 + 7^1 + 7^3 + 26^0 = 21 + 53 + 71 + 73 + 260 \\478 &:= 2^2 + 3^2 + 8^2 + 14^0 + 20^2 = 22 + 32 + 82 + 140 + 202 \\478 &:= 2^2 + 3^3 + 5^1 + 16^0 + 21^2 = 22 + 33 + 51 + 160 + 212 \\478 &:= 2^2 + 4^2 + 4^2 + 16^0 + 21^2 = 22 + 42 + 42 + 160 + 212 \\478 &:= 2^2 + 4^3 + 9^1 + 12^0 + 20^2 = 22 + 43 + 91 + 120 + 202 \\478 &:= 2^2 + 7^2 + 10^0 + 10^2 + 18^2 = 22 + 72 + 100 + 102 + 182 \\478 &:= 2^2 + 7^3 + 9^1 + 11^2 + 18^0 = 22 + 73 + 91 + 112 + 180 \\478 &:= 2^2 + 8^0 + 9^2 + 14^2 + 14^2 = 22 + 80 + 92 + 142 + 142 \\478 &:= 2^3 + 3^0 + 3^3 + 18^0 + 21^2 = 23 + 30 + 33 + 180 + 212 \\478 &:= 2^3 + 3^1 + 5^2 + 16^0 + 21^2 = 23 + 31 + 52 + 160 + 212 \\478 &:= 2^3 + 3^3 + 10^0 + 11^0 + 21^2 = 23 + 33 + 100 + 110 + 212 \\478 &:= 2^3 + 3^3 + 4^0 + 17^0 + 21^2 = 23 + 33 + 40 + 170 + 212 \\478 &:= 2^3 + 3^3 + 5^0 + 16^0 + 21^2 = 23 + 33 + 50 + 160 + 212 \\478 &:= 2^3 + 3^3 + 6^0 + 15^0 + 21^2 = 23 + 33 + 60 + 150 + 212 \\478 &:= 2^3 + 3^3 + 7^0 + 14^0 + 21^2 = 23 + 33 + 70 + 140 + 212 \\478 &:= 2^3 + 3^3 + 8^0 + 13^0 + 21^2 = 23 + 33 + 80 + 130 + 212 \\478 &:= 2^3 + 3^3 + 9^0 + 12^0 + 21^2 = 23 + 33 + 90 + 120 + 212 \\478 &:= 2^3 + 4^0 + 11^1 + 13^2 + 17^2 = 23 + 40 + 111 + 132 + 172 \\478 &:= 2^3 + 4^2 + 8^0 + 12^1 + 21^2 = 23 + 42 + 80 + 121 + 212 \\478 &:= 2^3 + 5^1 + 8^2 + 12^0 + 20^2 = 23 + 51 + 82 + 120 + 202 \\478 &:= 2^3 + 8^0 + 8^1 + 10^2 + 19^2 = 23 + 80 + 81 + 102 + 192 \\478 &:= 2^4 + 3^1 + 4^0 + 17^1 + 21^2 = 24 + 31 + 40 + 171 + 212 \\478 &:= 2^4 + 4^0 + 10^1 + 10^1 + 21^2 = 24 + 40 + 101 + 101 + 212 \\478 &:= 2^4 + 4^0 + 4^1 + 16^1 + 21^2 = 24 + 40 + 41 + 161 + 212 \\478 &:= 2^4 + 4^0 + 5^1 + 15^1 + 21^2 = 24 + 40 + 51 + 151 + 212 \\478 &:= 2^4 + 4^0 + 6^1 + 14^1 + 21^2 = 24 + 40 + 61 + 141 + 212\end{aligned}$$

$$\begin{aligned} 478 &:= 2^4 + 4^0 + 7^1 + 13^1 + 21^2 = 24 + 40 + 71 + 131 + 212 \\ 478 &:= 2^4 + 4^0 + 8^1 + 12^1 + 21^2 = 24 + 40 + 81 + 121 + 212 \\ 478 &:= 2^4 + 4^0 + 9^1 + 11^1 + 21^2 = 24 + 40 + 91 + 111 + 212 \\ 478 &:= 2^5 + 2^5 + 2^5 + 19^2 + 21^1 = 25 + 25 + 25 + 192 + 211 \\ 478 &:= 2^5 + 2^5 + 3^5 + 12^2 + 27^1 = 25 + 25 + 35 + 122 + 271 \\ 478 &:= 2^5 + 2^7 + 5^3 + 13^2 + 24^1 = 25 + 27 + 53 + 132 + 241 \\ 478 &:= 2^5 + 3^0 + 3^1 + 18^0 + 21^2 = 25 + 30 + 31 + 180 + 212 \\ 478 &:= 2^5 + 3^1 + 10^0 + 11^0 + 21^2 = 25 + 31 + 100 + 110 + 212 \\ 478 &:= 2^5 + 3^1 + 4^0 + 17^0 + 21^2 = 25 + 31 + 40 + 170 + 212 \\ 478 &:= 2^5 + 3^1 + 5^0 + 16^0 + 21^2 = 25 + 31 + 50 + 160 + 212 \\ 478 &:= 2^5 + 3^1 + 6^0 + 15^0 + 21^2 = 25 + 31 + 60 + 150 + 212 \\ 478 &:= 2^5 + 3^1 + 7^0 + 14^0 + 21^2 = 25 + 31 + 70 + 140 + 212 \\ 478 &:= 2^5 + 3^1 + 8^0 + 13^0 + 21^2 = 25 + 31 + 80 + 130 + 212 \\ 478 &:= 2^5 + 3^1 + 9^0 + 12^0 + 21^2 = 25 + 31 + 90 + 120 + 212 \\ 478 &:= 2^6 + 2^8 + 6^2 + 11^2 + 25^0 = 26 + 28 + 62 + 112 + 250 \\ 478 &:= 2^7 + 2^7 + 10^2 + 11^2 + 21^0 = 27 + 27 + 102 + 112 + 210 \\ 478 &:= 2^7 + 2^7 + 5^2 + 14^2 + 23^0 = 27 + 27 + 52 + 142 + 230 \\ 478 &:= 2^7 + 2^8 + 9^2 + 12^1 + 21^0 = 27 + 28 + 92 + 121 + 210 \\ 478 &:= 3^0 + 3^3 + 5^3 + 18^0 + 18^2 = 30 + 33 + 53 + 180 + 182 \\ 478 &:= 3^0 + 3^5 + 8^1 + 15^2 + 18^0 = 30 + 35 + 81 + 152 + 180 \\ 478 &:= 3^0 + 4^3 + 6^3 + 14^2 + 20^0 = 30 + 43 + 63 + 142 + 200 \\ 478 &:= 3^1 + 4^0 + 4^4 + 14^2 + 22^1 = 31 + 40 + 44 + 142 + 221 \\ 478 &:= 3^1 + 4^3 + 11^2 + 12^0 + 17^2 = 31 + 43 + 112 + 120 + 172 \\ 478 &:= 3^1 + 4^3 + 7^2 + 14^0 + 19^2 = 31 + 43 + 72 + 140 + 192 \\ 478 &:= 3^1 + 5^2 + 5^3 + 16^0 + 18^2 = 31 + 52 + 53 + 160 + 182 \\ 478 &:= 3^1 + 5^3 + 6^1 + 7^3 + 26^0 = 31 + 53 + 61 + 73 + 260 \\ 478 &:= 3^2 + 4^1 + 4^3 + 16^0 + 20^2 = 32 + 41 + 43 + 160 + 202 \\ 478 &:= 3^2 + 4^1 + 7^3 + 11^2 + 22^0 = 32 + 41 + 73 + 112 + 220 \\ 478 &:= 3^2 + 4^2 + 10^0 + 14^2 + 16^2 = 32 + 42 + 100 + 142 + 162 \\ 478 &:= 3^3 + 4^0 + 5^3 + 17^0 + 18^2 = 33 + 40 + 53 + 170 + 182 \\ 478 &:= 3^3 + 4^0 + 6^2 + 14^1 + 20^2 = 33 + 40 + 62 + 141 + 202 \\ 478 &:= 3^3 + 5^0 + 5^3 + 16^0 + 18^2 = 33 + 50 + 53 + 160 + 182 \\ 478 &:= 3^3 + 5^1 + 10^0 + 11^2 + 18^2 = 33 + 51 + 100 + 112 + 182 \\ 478 &:= 3^3 + 5^3 + 10^0 + 11^0 + 18^2 = 33 + 53 + 100 + 110 + 182 \\ 478 &:= 3^3 + 5^3 + 6^0 + 15^0 + 18^2 = 33 + 53 + 60 + 150 + 182 \\ 478 &:= 3^3 + 5^3 + 7^0 + 14^0 + 18^2 = 33 + 53 + 70 + 140 + 182 \\ 478 &:= 3^3 + 5^3 + 8^0 + 13^0 + 18^2 = 33 + 53 + 80 + 130 + 182 \\ 478 &:= 3^3 + 5^3 + 9^0 + 12^0 + 18^2 = 33 + 53 + 90 + 120 + 182 \end{aligned}$$

$$\begin{aligned} 478 &:= 3^3 + 8^0 + 8^1 + 9^2 + 19^2 = 33 + 80 + 81 + 92 + 192 \\ 478 &:= 3^5 + 4^0 + 8^1 + 15^2 + 17^0 = 35 + 40 + 81 + 152 + 170 \\ 478 &:= 3^5 + 5^0 + 8^1 + 15^2 + 16^0 = 35 + 50 + 81 + 152 + 160 \\ 478 &:= 3^5 + 6^0 + 8^1 + 15^0 + 15^2 = 35 + 60 + 81 + 150 + 152 \\ 478 &:= 3^5 + 7^0 + 8^1 + 14^0 + 15^2 = 35 + 70 + 81 + 140 + 152 \\ 478 &:= 3^5 + 8^0 + 8^1 + 13^0 + 15^2 = 35 + 80 + 81 + 130 + 152 \\ 478 &:= 3^5 + 8^1 + 10^0 + 11^0 + 15^2 = 35 + 81 + 100 + 110 + 152 \\ 478 &:= 3^5 + 8^1 + 9^0 + 12^0 + 15^2 = 35 + 81 + 90 + 120 + 152 \\ 478 &:= 4^0 + 4^1 + 4^4 + 14^2 + 21^1 = 40 + 41 + 44 + 142 + 211 \\ 478 &:= 4^0 + 4^3 + 6^3 + 14^2 + 19^0 = 40 + 43 + 63 + 142 + 190 \\ 478 &:= 4^0 + 4^4 + 10^1 + 14^2 + 15^1 = 40 + 44 + 101 + 142 + 151 \\ 478 &:= 4^0 + 4^4 + 11^1 + 14^1 + 14^2 = 40 + 44 + 111 + 141 + 142 \\ 478 &:= 4^0 + 4^4 + 12^1 + 13^1 + 14^2 = 40 + 44 + 121 + 131 + 142 \\ 478 &:= 4^0 + 4^4 + 5^1 + 14^2 + 20^1 = 40 + 44 + 51 + 142 + 201 \\ 478 &:= 4^0 + 4^4 + 6^1 + 14^2 + 19^1 = 40 + 44 + 61 + 142 + 191 \\ 478 &:= 4^0 + 4^4 + 7^1 + 14^2 + 18^1 = 40 + 44 + 71 + 142 + 181 \\ 478 &:= 4^0 + 4^4 + 8^1 + 14^2 + 17^1 = 40 + 44 + 81 + 142 + 171 \\ 478 &:= 4^0 + 4^4 + 9^1 + 14^2 + 16^1 = 40 + 44 + 91 + 142 + 161 \\ 478 &:= 4^0 + 5^3 + 12^1 + 12^2 + 14^2 = 40 + 53 + 121 + 122 + 142 \\ 478 &:= 4^0 + 5^3 + 7^2 + 14^1 + 17^2 = 40 + 53 + 72 + 141 + 172 \\ 478 &:= 4^0 + 6^3 + 7^2 + 14^2 + 16^1 = 40 + 63 + 72 + 142 + 161 \\ 478 &:= 4^0 + 7^2 + 7^3 + 8^2 + 21^1 = 40 + 72 + 73 + 82 + 211 \\ 478 &:= 4^0 + 8^2 + 10^2 + 12^2 + 13^2 = 40 + 82 + 102 + 122 + 132 \\ 478 &:= 4^0 + 9^2 + 10^2 + 10^2 + 14^2 = 40 + 92 + 102 + 102 + 142 \\ 478 &:= 4^1 + 4^4 + 6^0 + 6^3 + 27^0 = 41 + 44 + 60 + 63 + 270 \\ 478 &:= 4^1 + 4^4 + 6^3 + 10^0 + 23^0 = 41 + 44 + 63 + 100 + 230 \\ 478 &:= 4^1 + 4^4 + 6^3 + 11^0 + 22^0 = 41 + 44 + 63 + 110 + 220 \\ 478 &:= 4^1 + 4^4 + 6^3 + 12^0 + 21^0 = 41 + 44 + 63 + 120 + 210 \\ 478 &:= 4^1 + 4^4 + 6^3 + 13^0 + 20^0 = 41 + 44 + 63 + 130 + 200 \\ 478 &:= 4^1 + 4^4 + 6^3 + 14^0 + 19^0 = 41 + 44 + 63 + 140 + 190 \\ 478 &:= 4^1 + 4^4 + 6^3 + 15^0 + 18^0 = 41 + 44 + 63 + 150 + 180 \\ 478 &:= 4^1 + 4^4 + 6^3 + 16^0 + 17^0 = 41 + 44 + 63 + 160 + 170 \\ 478 &:= 4^1 + 4^4 + 6^3 + 7^0 + 26^0 = 41 + 44 + 63 + 70 + 260 \\ 478 &:= 4^1 + 4^4 + 6^3 + 8^0 + 25^0 = 41 + 44 + 63 + 80 + 250 \\ 478 &:= 4^1 + 4^4 + 6^3 + 9^0 + 24^0 = 41 + 44 + 63 + 90 + 240 \\ 478 &:= 4^1 + 5^1 + 5^3 + 7^3 + 26^0 = 41 + 51 + 53 + 73 + 260 \\ 478 &:= 4^1 + 7^2 + 7^3 + 9^2 + 20^0 = 41 + 72 + 73 + 92 + 200 \\ 478 &:= 4^2 + 4^2 + 10^0 + 11^2 + 18^2 = 42 + 42 + 100 + 112 + 182 \end{aligned}$$

$$\begin{aligned}
 478 &:= 4^2 + 5^2 + 6^2 + 12^0 + 20^2 = 42 + 52 + 62 + 120 + 202 \\
 478 &:= 4^2 + 5^3 + 8^0 + 12^1 + 18^2 = 42 + 53 + 80 + 121 + 182 \\
 478 &:= 4^2 + 6^0 + 11^2 + 12^2 + 14^2 = 42 + 60 + 112 + 122 + 142 \\
 478 &:= 4^2 + 6^2 + 8^0 + 13^2 + 16^2 = 42 + 62 + 80 + 132 + 162 \\
 478 &:= 4^2 + 6^2 + 8^2 + 10^0 + 19^2 = 42 + 62 + 82 + 100 + 192 \\
 478 &:= 4^2 + 7^3 + 8^0 + 10^2 + 18^1 = 42 + 73 + 80 + 102 + 181 \\
 478 &:= 4^3 + 5^0 + 6^3 + 14^2 + 18^0 = 43 + 50 + 63 + 142 + 180 \\
 478 &:= 4^3 + 6^0 + 6^3 + 14^2 + 17^0 = 43 + 60 + 63 + 142 + 170 \\
 478 &:= 4^3 + 6^3 + 10^0 + 13^0 + 14^2 = 43 + 63 + 100 + 130 + 142 \\
 478 &:= 4^3 + 6^3 + 11^0 + 12^0 + 14^2 = 43 + 63 + 110 + 120 + 142 \\
 478 &:= 4^3 + 6^3 + 7^0 + 14^2 + 16^0 = 43 + 63 + 70 + 142 + 160 \\
 478 &:= 4^3 + 6^3 + 8^0 + 14^2 + 15^0 = 43 + 63 + 80 + 142 + 150 \\
 478 &:= 4^3 + 6^3 + 9^0 + 14^0 + 14^2 = 43 + 63 + 90 + 140 + 142
 \end{aligned}$$

$$\begin{aligned}
 478 &:= 4^3 + 8^0 + 8^1 + 9^2 + 18^2 = 43 + 80 + 81 + 92 + 182 \\
 478 &:= 5^2 + 6^3 + 10^0 + 11^1 + 15^2 = 52 + 63 + 100 + 111 + 152 \\
 478 &:= 5^2 + 7^3 + 9^1 + 10^2 + 16^0 = 52 + 73 + 91 + 102 + 160 \\
 478 &:= 5^2 + 8^0 + 8^2 + 8^2 + 18^2 = 52 + 80 + 82 + 82 + 182 \\
 478 &:= 5^3 + 6^1 + 10^0 + 11^2 + 15^2 = 53 + 61 + 100 + 112 + 152 \\
 478 &:= 6^0 + 6^2 + 7^2 + 14^2 + 14^2 = 60 + 62 + 72 + 142 + 142 \\
 478 &:= 6^0 + 6^2 + 8^2 + 11^2 + 16^2 = 60 + 62 + 82 + 112 + 162 \\
 478 &:= 6^1 + 7^3 + 8^2 + 8^2 + 18^0 = 61 + 73 + 82 + 82 + 180 \\
 478 &:= 6^2 + 6^2 + 8^0 + 9^2 + 18^2 = 62 + 62 + 80 + 92 + 182 \\
 478 &:= 6^2 + 7^3 + 8^0 + 9^2 + 17^1 = 62 + 73 + 80 + 92 + 171 \\
 478 &:= 6^3 + 8^0 + 9^2 + 11^1 + 13^2 = 63 + 80 + 92 + 111 + 132
 \end{aligned}$$

2.2.380 Number 479

$$\begin{aligned}
 479 &:= 1^4 + 10^2 + 17^1 + 19^2 = 14 + 102 + 171 + 192 \\
 479 &:= 1^4 + 4^2 + 21^1 + 21^2 = 14 + 42 + 211 + 212 \\
 479 &:= 1^5 + 6^2 + 19^0 + 21^2 = 15 + 62 + 190 + 212 \\
 479 &:= 2^3 + 2^3 + 21^2 + 22^1 = 23 + 23 + 212 + 221 \\
 479 &:= 2^3 + 5^3 + 18^2 + 22^1 = 23 + 53 + 182 + 221 \\
 479 &:= 2^3 + 7^3 + 10^2 + 28^1 = 23 + 73 + 102 + 281 \\
 479 &:= 2^6 + 11^0 + 14^1 + 20^2 = 26 + 110 + 141 + 202 \\
 479 &:= 3^3 + 7^3 + 9^2 + 28^1 = 33 + 73 + 92 + 281 \\
 479 &:= 3^4 + 4^2 + 19^2 + 21^1 = 34 + 42 + 192 + 211 \\
 479 &:= 3^5 + 6^3 + 19^0 + 19^1 = 35 + 63 + 190 + 191 \\
 479 &:= 4^2 + 6^3 + 6^3 + 31^1 = 42 + 63 + 63 + 311 \\
 479 &:= 4^4 + 10^2 + 10^2 + 23^1 = 44 + 102 + 102 + 231 \\
 479 &:= 7^2 + 7^2 + 7^2 + 8^1 + 18^2 = 72 + 72 + 72 + 81 + 182 \\
 479 &:= 6^3 + 9^2 + 9^2 + 10^2 + 13^0 = 63 + 92 + 92 + 102 + 130 \\
 479 &:= 6^3 + 9^1 + 10^1 + 10^2 + 12^2 = 63 + 91 + 101 + 102 + 122 \\
 479 &:= 6^3 + 8^1 + 10^2 + 11^1 + 12^2 = 63 + 81 + 102 + 111 + 122 \\
 479 &:= 6^3 + 7^1 + 10^2 + 12^1 + 12^2 = 63 + 71 + 102 + 121 + 122 \\
 479 &:= 6^2 + 6^3 + 6^3 + 10^1 + 19^0 = 62 + 63 + 63 + 101 + 190 \\
 479 &:= 6^2 + 6^2 + 7^1 + 12^2 + 16^2 = 62 + 62 + 71 + 122 + 162 \\
 479 &:= 6^2 + 6^2 + 6^2 + 10^1 + 19^2 = 62 + 62 + 62 + 101 + 192 \\
 479 &:= 6^1 + 6^3 + 10^2 + 12^2 + 13^1 = 61 + 63 + 102 + 122 + 131 \\
 479 &:= 6^1 + 6^2 + 9^2 + 10^2 + 16^2 = 61 + 62 + 92 + 102 + 162 \\
 479 &:= 5^3 + 8^2 + 8^2 + 11^0 + 15^2 = 53 + 82 + 82 + 110 + 152
 \end{aligned}$$

$$\begin{aligned}
 479 &:= 5^3 + 8^1 + 9^1 + 9^2 + 16^2 = 53 + 81 + 91 + 92 + 162 \\
 479 &:= 5^3 + 8^1 + 8^1 + 13^2 + 13^2 = 53 + 81 + 81 + 132 + 132 \\
 479 &:= 5^3 + 7^1 + 9^2 + 10^1 + 16^2 = 53 + 71 + 92 + 101 + 162 \\
 479 &:= 5^3 + 7^1 + 9^1 + 13^2 + 13^2 = 53 + 71 + 91 + 132 + 132 \\
 479 &:= 5^3 + 6^3 + 9^0 + 11^2 + 16^1 = 53 + 63 + 90 + 112 + 161 \\
 479 &:= 5^3 + 6^2 + 11^0 + 11^2 + 14^2 = 53 + 62 + 110 + 112 + 142 \\
 479 &:= 5^3 + 6^1 + 9^2 + 11^1 + 16^2 = 53 + 61 + 92 + 111 + 162 \\
 479 &:= 5^3 + 6^1 + 10^1 + 13^2 + 13^2 = 53 + 61 + 101 + 132 + 132 \\
 479 &:= 5^2 + 6^3 + 6^3 + 9^0 + 21^1 = 52 + 63 + 63 + 90 + 211 \\
 479 &:= 5^2 + 6^2 + 8^1 + 11^2 + 17^2 = 52 + 62 + 81 + 112 + 172 \\
 479 &:= 5^2 + 5^2 + 8^1 + 14^2 + 15^2 = 52 + 52 + 81 + 142 + 152 \\
 479 &:= 5^1 + 8^2 + 8^2 + 11^2 + 15^2 = 51 + 82 + 82 + 112 + 152 \\
 479 &:= 5^1 + 7^2 + 10^2 + 10^2 + 15^2 = 51 + 72 + 102 + 102 + 152 \\
 479 &:= 5^1 + 6^3 + 10^2 + 12^2 + 14^1 = 51 + 63 + 102 + 122 + 141 \\
 479 &:= 5^1 + 6^2 + 11^2 + 11^2 + 14^2 = 51 + 62 + 112 + 112 + 142 \\
 479 &:= 5^1 + 6^2 + 10^2 + 13^2 + 13^2 = 51 + 62 + 102 + 132 + 132 \\
 479 &:= 5^1 + 5^3 + 9^2 + 12^1 + 16^2 = 51 + 53 + 92 + 121 + 162 \\
 479 &:= 5^1 + 5^3 + 11^1 + 13^2 + 13^2 = 51 + 53 + 111 + 132 + 132 \\
 479 &:= 4^4 + 8^2 + 9^0 + 12^2 + 14^1 = 44 + 82 + 90 + 122 + 141 \\
 479 &:= 4^4 + 6^2 + 7^0 + 13^2 + 17^1 = 44 + 62 + 70 + 132 + 171 \\
 479 &:= 4^3 + 7^2 + 9^0 + 13^2 + 14^2 = 43 + 72 + 90 + 132 + 142 \\
 479 &:= 4^3 + 7^1 + 8^1 + 12^2 + 16^2 = 43 + 71 + 81 + 122 + 162 \\
 479 &:= 4^3 + 7^1 + 7^3 + 8^2 + 21^0 = 43 + 71 + 73 + 82 + 210
 \end{aligned}$$

$$\begin{aligned} 479 &:= 4^3 + 7^0 + 7^2 + 7^3 + 22^1 = 43 + 70 + 72 + 73 + 221 \\ 479 &:= 4^3 + 6^2 + 9^1 + 9^1 + 19^2 = 43 + 62 + 91 + 91 + 192 \\ 479 &:= 4^3 + 6^2 + 8^1 + 10^1 + 19^2 = 43 + 62 + 81 + 101 + 192 \\ 479 &:= 4^3 + 6^2 + 7^1 + 11^1 + 19^2 = 43 + 62 + 71 + 111 + 192 \\ 479 &:= 4^3 + 6^1 + 9^1 + 12^2 + 16^2 = 43 + 61 + 91 + 122 + 162 \\ 479 &:= 4^3 + 6^1 + 6^2 + 12^1 + 19^2 = 43 + 61 + 62 + 121 + 192 \\ 479 &:= 4^3 + 5^2 + 10^2 + 11^0 + 17^2 = 43 + 52 + 102 + 110 + 172 \\ 479 &:= 4^3 + 5^1 + 6^2 + 13^1 + 19^2 = 43 + 51 + 62 + 131 + 192 \\ 479 &:= 4^3 + 5^1 + 10^1 + 12^2 + 16^2 = 43 + 51 + 101 + 122 + 162 \\ 479 &:= 4^2 + 7^2 + 9^1 + 9^2 + 18^2 = 42 + 72 + 91 + 92 + 182 \\ 479 &:= 4^2 + 7^1 + 8^2 + 14^2 + 14^2 = 42 + 71 + 82 + 142 + 142 \\ 479 &:= 4^2 + 7^1 + 10^2 + 10^2 + 16^2 = 42 + 71 + 102 + 102 + 162 \\ 479 &:= 4^2 + 6^3 + 9^1 + 13^1 + 15^2 = 42 + 63 + 91 + 131 + 152 \\ 479 &:= 4^2 + 6^3 + 8^1 + 14^1 + 15^2 = 42 + 63 + 81 + 141 + 152 \\ 479 &:= 4^2 + 6^3 + 7^1 + 15^1 + 15^2 = 42 + 63 + 71 + 151 + 152 \\ 479 &:= 4^2 + 6^3 + 11^1 + 11^1 + 15^2 = 42 + 63 + 111 + 111 + 152 \\ 479 &:= 4^2 + 6^3 + 10^1 + 12^1 + 15^2 = 42 + 63 + 101 + 121 + 152 \\ 479 &:= 4^2 + 6^1 + 6^3 + 15^2 + 16^1 = 42 + 61 + 63 + 152 + 161 \\ 479 &:= 4^2 + 6^1 + 12^2 + 12^2 + 13^2 = 42 + 61 + 122 + 122 + 132 \\ 479 &:= 4^2 + 5^3 + 9^2 + 13^0 + 16^2 = 42 + 53 + 92 + 130 + 162 \\ 479 &:= 4^2 + 5^2 + 5^2 + 13^1 + 20^2 = 42 + 52 + 52 + 131 + 202 \\ 479 &:= 4^2 + 5^1 + 6^3 + 15^2 + 17^1 = 42 + 51 + 63 + 152 + 171 \\ 479 &:= 4^2 + 4^4 + 10^1 + 14^2 + 15^0 = 42 + 44 + 101 + 142 + 150 \\ 479 &:= 4^1 + 9^2 + 9^2 + 12^2 + 13^2 = 41 + 92 + 92 + 122 + 132 \\ 479 &:= 4^1 + 8^2 + 11^2 + 11^2 + 13^2 = 41 + 82 + 112 + 112 + 132 \\ 479 &:= 4^1 + 6^3 + 10^2 + 12^2 + 15^1 = 41 + 63 + 102 + 122 + 151 \\ 479 &:= 4^1 + 5^3 + 9^2 + 13^1 + 16^2 = 41 + 53 + 92 + 131 + 162 \\ 479 &:= 4^1 + 5^3 + 12^1 + 13^2 + 13^2 = 41 + 53 + 121 + 132 + 132 \\ 479 &:= 4^1 + 4^4 + 7^2 + 13^2 + 19^0 = 41 + 44 + 72 + 132 + 190 \\ 479 &:= 4^1 + 4^3 + 6^2 + 14^1 + 19^2 = 41 + 43 + 62 + 141 + 192 \\ 479 &:= 4^1 + 4^3 + 11^1 + 12^2 + 16^2 = 41 + 43 + 111 + 122 + 162 \\ 479 &:= 4^1 + 4^2 + 6^3 + 15^2 + 18^1 = 41 + 42 + 63 + 152 + 181 \\ 479 &:= 3^5 + 6^3 + 9^0 + 11^0 + 18^1 = 35 + 63 + 90 + 110 + 181 \\ 479 &:= 3^5 + 6^3 + 8^0 + 12^0 + 18^1 = 35 + 63 + 80 + 120 + 181 \\ 479 &:= 3^5 + 6^3 + 7^0 + 13^0 + 18^1 = 35 + 63 + 70 + 130 + 181 \\ 479 &:= 3^5 + 6^3 + 10^0 + 10^0 + 18^1 = 35 + 63 + 100 + 100 + 181 \\ 479 &:= 3^5 + 6^0 + 6^3 + 14^0 + 18^1 = 35 + 60 + 63 + 140 + 181 \\ 479 &:= 3^5 + 5^1 + 5^1 + 15^2 + 19^0 = 35 + 51 + 51 + 152 + 190 \\ 479 &:= 3^5 + 5^0 + 6^3 + 15^0 + 18^1 = 35 + 50 + 63 + 150 + 181 \\ 479 &:= 3^5 + 4^1 + 6^1 + 15^2 + 19^0 = 35 + 41 + 61 + 152 + 190 \\ 479 &:= 3^5 + 4^0 + 6^3 + 16^0 + 18^1 = 35 + 40 + 63 + 160 + 181 \\ 479 &:= 3^4 + 8^2 + 9^0 + 9^1 + 18^2 = 34 + 82 + 90 + 91 + 182 \\ 479 &:= 3^4 + 8^1 + 9^0 + 10^2 + 17^2 = 34 + 81 + 90 + 102 + 172 \\ 479 &:= 3^4 + 5^2 + 9^0 + 11^1 + 19^2 = 34 + 52 + 90 + 111 + 192 \\ 479 &:= 3^4 + 5^1 + 11^0 + 14^2 + 14^2 = 34 + 51 + 110 + 142 + 142 \\ 479 &:= 3^3 + 9^0 + 9^2 + 9^2 + 17^2 = 33 + 90 + 92 + 92 + 172 \\ 479 &:= 3^3 + 7^3 + 8^1 + 10^2 + 19^0 = 33 + 73 + 81 + 102 + 190 \\ 479 &:= 3^3 + 6^3 + 10^1 + 13^0 + 15^2 = 33 + 63 + 101 + 130 + 152 \\ 479 &:= 3^2 + 7^3 + 9^1 + 10^2 + 18^1 = 32 + 73 + 91 + 102 + 181 \\ 479 &:= 3^2 + 7^3 + 8^1 + 10^2 + 19^1 = 32 + 73 + 81 + 102 + 191 \\ 479 &:= 3^2 + 7^3 + 10^2 + 13^1 + 14^1 = 32 + 73 + 102 + 131 + 141 \\ 479 &:= 3^2 + 7^3 + 10^2 + 12^1 + 15^1 = 32 + 73 + 102 + 121 + 151 \\ 479 &:= 3^2 + 7^3 + 10^2 + 11^1 + 16^1 = 32 + 73 + 102 + 111 + 161 \\ 479 &:= 3^2 + 7^3 + 10^1 + 10^2 + 17^1 = 32 + 73 + 101 + 102 + 171 \\ 479 &:= 3^2 + 7^2 + 7^2 + 11^1 + 19^2 = 32 + 72 + 72 + 111 + 192 \\ 479 &:= 3^2 + 7^1 + 7^3 + 10^2 + 20^1 = 32 + 71 + 73 + 102 + 201 \\ 479 &:= 3^2 + 6^2 + 9^1 + 13^2 + 16^2 = 32 + 62 + 91 + 132 + 162 \\ 479 &:= 3^2 + 6^2 + 10^1 + 10^2 + 18^2 = 32 + 62 + 101 + 102 + 182 \\ 479 &:= 3^2 + 6^1 + 7^3 + 10^2 + 21^1 = 32 + 61 + 73 + 102 + 211 \\ 479 &:= 3^2 + 5^3 + 9^1 + 12^1 + 18^2 = 32 + 53 + 91 + 121 + 182 \\ 479 &:= 3^2 + 5^3 + 8^1 + 13^1 + 18^2 = 32 + 53 + 81 + 131 + 182 \\ 479 &:= 3^2 + 5^3 + 7^1 + 14^1 + 18^2 = 32 + 53 + 71 + 141 + 182 \\ 479 &:= 3^2 + 5^3 + 6^1 + 15^1 + 18^2 = 32 + 53 + 61 + 151 + 182 \\ 479 &:= 3^2 + 5^3 + 10^1 + 11^1 + 18^2 = 32 + 53 + 101 + 111 + 182 \\ 479 &:= 3^2 + 5^1 + 7^3 + 10^2 + 22^1 = 32 + 51 + 73 + 102 + 221 \\ 479 &:= 3^2 + 5^1 + 5^3 + 16^1 + 18^2 = 32 + 51 + 53 + 161 + 182 \\ 479 &:= 3^2 + 4^4 + 9^0 + 14^2 + 17^1 = 32 + 44 + 90 + 142 + 171 \\ 479 &:= 3^2 + 4^3 + 9^2 + 13^0 + 18^2 = 32 + 43 + 92 + 130 + 182 \\ 479 &:= 3^2 + 4^2 + 9^2 + 12^1 + 19^2 = 32 + 42 + 92 + 121 + 192 \\ 479 &:= 3^2 + 4^1 + 7^3 + 10^2 + 23^1 = 32 + 41 + 73 + 102 + 231 \\ 479 &:= 3^2 + 4^1 + 5^3 + 17^1 + 18^2 = 32 + 41 + 53 + 171 + 182 \\ 479 &:= 3^2 + 3^5 + 9^0 + 15^2 + 17^0 = 32 + 35 + 90 + 152 + 170 \\ 479 &:= 3^2 + 3^5 + 8^0 + 15^2 + 18^0 = 32 + 35 + 80 + 152 + 180 \\ 479 &:= 3^2 + 3^5 + 7^0 + 15^2 + 19^0 = 32 + 35 + 70 + 152 + 190 \\ 479 &:= 3^2 + 3^5 + 6^0 + 15^2 + 20^0 = 32 + 35 + 60 + 152 + 200 \\ 479 &:= 3^2 + 3^5 + 5^0 + 15^2 + 21^0 = 32 + 35 + 50 + 152 + 210 \end{aligned}$$

$$\begin{aligned} 479 &:= 3^2 + 3^5 + 4^0 + 15^2 + 22^0 = 32 + 35 + 40 + 152 + 220 \\ 479 &:= 3^2 + 3^5 + 13^0 + 13^0 + 15^2 = 32 + 35 + 130 + 130 + 152 \\ 479 &:= 3^2 + 3^5 + 12^0 + 14^0 + 15^2 = 32 + 35 + 120 + 140 + 152 \\ 479 &:= 3^2 + 3^5 + 11^0 + 15^0 + 15^2 = 32 + 35 + 110 + 150 + 152 \\ 479 &:= 3^2 + 3^5 + 10^0 + 15^2 + 16^0 = 32 + 35 + 100 + 152 + 160 \\ 479 &:= 3^2 + 3^3 + 9^2 + 13^0 + 19^2 = 32 + 33 + 92 + 130 + 192 \\ 479 &:= 3^2 + 3^2 + 11^1 + 15^2 + 15^2 = 32 + 32 + 111 + 152 + 152 \\ 479 &:= 3^1 + 6^3 + 10^2 + 12^2 + 16^1 = 31 + 63 + 102 + 122 + 161 \\ 479 &:= 3^1 + 5^3 + 9^2 + 14^1 + 16^2 = 31 + 53 + 92 + 141 + 162 \\ 479 &:= 3^1 + 5^3 + 5^3 + 15^2 + 19^0 = 31 + 53 + 53 + 152 + 190 \\ 479 &:= 3^1 + 5^3 + 13^1 + 13^2 + 13^2 = 31 + 53 + 131 + 132 + 132 \\ 479 &:= 3^1 + 4^3 + 6^2 + 15^1 + 19^2 = 31 + 43 + 62 + 151 + 192 \\ 479 &:= 3^1 + 4^3 + 12^1 + 12^2 + 16^2 = 31 + 43 + 121 + 122 + 162 \\ 479 &:= 3^1 + 4^2 + 6^3 + 15^2 + 19^1 = 31 + 42 + 63 + 152 + 191 \\ 479 &:= 3^1 + 3^5 + 7^1 + 15^2 + 19^0 = 31 + 35 + 71 + 152 + 190 \\ 479 &:= 3^1 + 3^4 + 13^0 + 13^2 + 15^2 = 31 + 34 + 130 + 132 + 152 \\ 479 &:= 3^1 + 3^2 + 7^3 + 10^2 + 24^1 = 31 + 32 + 73 + 102 + 241 \\ 479 &:= 3^1 + 3^2 + 5^3 + 18^1 + 18^2 = 31 + 32 + 53 + 181 + 182 \\ 479 &:= 3^0 + 4^4 + 9^2 + 11^2 + 20^1 = 30 + 44 + 92 + 112 + 201 \\ 479 &:= 3^0 + 3^5 + 6^3 + 17^0 + 18^1 = 30 + 35 + 63 + 170 + 181 \\ 479 &:= 3^0 + 3^2 + 3^5 + 15^2 + 23^0 = 30 + 32 + 35 + 152 + 230 \\ 479 &:= 2^6 + 6^0 + 6^0 + 13^1 + 20^2 = 26 + 60 + 60 + 131 + 202 \\ 479 &:= 2^6 + 5^0 + 7^0 + 13^1 + 20^2 = 26 + 50 + 70 + 131 + 202 \\ 479 &:= 2^6 + 4^0 + 8^0 + 13^1 + 20^2 = 26 + 40 + 80 + 131 + 202 \\ 479 &:= 2^6 + 3^0 + 9^0 + 13^1 + 20^2 = 26 + 30 + 90 + 131 + 202 \\ 479 &:= 2^5 + 8^0 + 8^0 + 11^2 + 18^2 = 25 + 80 + 80 + 112 + 182 \\ 479 &:= 2^5 + 7^0 + 9^0 + 11^2 + 18^2 = 25 + 70 + 90 + 112 + 182 \\ 479 &:= 2^5 + 6^0 + 10^0 + 11^2 + 18^2 = 25 + 60 + 100 + 112 + 182 \\ 479 &:= 2^5 + 5^0 + 11^0 + 11^2 + 18^2 = 25 + 50 + 110 + 112 + 182 \\ 479 &:= 2^5 + 4^0 + 11^2 + 12^0 + 18^2 = 25 + 40 + 112 + 120 + 182 \\ 479 &:= 2^5 + 3^0 + 11^2 + 13^0 + 18^2 = 25 + 30 + 112 + 130 + 182 \\ 479 &:= 2^4 + 5^0 + 7^2 + 13^1 + 20^2 = 24 + 50 + 72 + 131 + 202 \\ 479 &:= 2^4 + 5^0 + 10^1 + 14^2 + 16^2 = 24 + 50 + 101 + 142 + 162 \\ 479 &:= 2^4 + 4^2 + 5^1 + 15^0 + 21^2 = 24 + 42 + 51 + 150 + 212 \\ 479 &:= 2^4 + 4^1 + 11^0 + 13^2 + 17^2 = 24 + 41 + 110 + 132 + 172 \\ 479 &:= 2^4 + 3^2 + 9^0 + 12^1 + 21^2 = 24 + 32 + 90 + 121 + 212 \\ 479 &:= 2^4 + 3^0 + 12^1 + 15^2 + 15^2 = 24 + 30 + 121 + 152 + 152 \\ 479 &:= 2^3 + 9^0 + 9^2 + 10^2 + 17^2 = 23 + 90 + 92 + 102 + 172 \end{aligned}$$

$$\begin{aligned} 479 &:= 2^3 + 7^2 + 9^0 + 14^2 + 15^2 = 23 + 72 + 90 + 142 + 152 \\ 479 &:= 2^3 + 6^1 + 7^3 + 11^2 + 21^0 = 23 + 61 + 73 + 112 + 210 \\ 479 &:= 2^3 + 5^2 + 11^0 + 11^2 + 18^2 = 23 + 52 + 110 + 112 + 182 \\ 479 &:= 2^3 + 4^3 + 6^1 + 15^0 + 20^2 = 23 + 43 + 61 + 150 + 202 \\ 479 &:= 2^3 + 3^2 + 9^1 + 12^1 + 21^2 = 23 + 32 + 91 + 121 + 212 \\ 479 &:= 2^3 + 3^2 + 8^1 + 13^1 + 21^2 = 23 + 32 + 81 + 131 + 212 \\ 479 &:= 2^3 + 3^2 + 7^1 + 14^1 + 21^2 = 23 + 32 + 71 + 141 + 212 \\ 479 &:= 2^3 + 3^2 + 6^1 + 15^1 + 21^2 = 23 + 32 + 61 + 151 + 212 \\ 479 &:= 2^3 + 3^2 + 5^1 + 16^1 + 21^2 = 23 + 32 + 51 + 161 + 212 \\ 479 &:= 2^3 + 3^2 + 4^1 + 17^1 + 21^2 = 23 + 32 + 41 + 171 + 212 \\ 479 &:= 2^3 + 3^2 + 10^2 + 13^0 + 19^2 = 23 + 32 + 102 + 130 + 192 \\ 479 &:= 2^3 + 3^2 + 10^1 + 11^1 + 21^2 = 23 + 32 + 101 + 111 + 212 \\ 479 &:= 2^3 + 3^1 + 3^2 + 18^1 + 21^2 = 23 + 31 + 32 + 181 + 212 \\ 479 &:= 2^2 + 8^1 + 11^2 + 11^2 + 15^2 = 22 + 81 + 112 + 112 + 152 \\ 479 &:= 2^2 + 5^3 + 6^1 + 7^3 + 27^0 = 22 + 53 + 61 + 73 + 270 \\ 479 &:= 2^2 + 5^2 + 6^2 + 14^1 + 20^2 = 22 + 52 + 62 + 141 + 202 \\ 479 &:= 2^2 + 5^2 + 5^3 + 17^0 + 18^2 = 22 + 52 + 53 + 170 + 182 \\ 479 &:= 2^2 + 4^4 + 5^0 + 14^2 + 22^1 = 22 + 44 + 50 + 142 + 221 \\ 479 &:= 2^2 + 4^3 + 7^2 + 15^0 + 19^2 = 22 + 43 + 72 + 150 + 192 \\ 479 &:= 2^2 + 4^3 + 11^2 + 13^0 + 17^2 = 22 + 43 + 112 + 130 + 172 \\ 479 &:= 2^2 + 2^5 + 9^0 + 13^0 + 21^2 = 22 + 25 + 90 + 130 + 212 \\ 479 &:= 2^2 + 2^5 + 8^0 + 14^0 + 21^2 = 22 + 25 + 80 + 140 + 212 \\ 479 &:= 2^2 + 2^5 + 7^0 + 15^0 + 21^2 = 22 + 25 + 70 + 150 + 212 \\ 479 &:= 2^2 + 2^5 + 6^0 + 16^0 + 21^2 = 22 + 25 + 60 + 160 + 212 \\ 479 &:= 2^2 + 2^5 + 5^0 + 17^0 + 21^2 = 22 + 25 + 50 + 170 + 212 \\ 479 &:= 2^2 + 2^5 + 4^0 + 18^0 + 21^2 = 22 + 25 + 40 + 180 + 212 \\ 479 &:= 2^2 + 2^5 + 3^0 + 19^0 + 21^2 = 22 + 25 + 30 + 190 + 212 \\ 479 &:= 2^2 + 2^5 + 11^0 + 11^0 + 21^2 = 22 + 25 + 110 + 110 + 212 \\ 479 &:= 2^2 + 2^5 + 10^0 + 12^0 + 21^2 = 22 + 25 + 100 + 120 + 212 \\ 479 &:= 2^2 + 2^4 + 5^0 + 17^1 + 21^2 = 22 + 24 + 50 + 171 + 212 \\ 479 &:= 2^2 + 2^3 + 5^2 + 17^0 + 21^2 = 22 + 23 + 52 + 170 + 212 \\ 479 &:= 2^2 + 2^2 + 13^1 + 13^2 + 17^2 = 22 + 22 + 131 + 132 + 172 \\ 479 &:= 2^1 + 6^3 + 10^2 + 12^2 + 17^1 = 21 + 63 + 102 + 122 + 171 \\ 479 &:= 2^1 + 5^3 + 9^2 + 15^1 + 16^2 = 21 + 53 + 92 + 151 + 162 \\ 479 &:= 2^1 + 5^3 + 13^2 + 13^2 + 14^1 = 21 + 53 + 132 + 132 + 141 \\ 479 &:= 2^1 + 4^3 + 6^3 + 14^2 + 21^0 = 21 + 43 + 63 + 142 + 210 \\ 479 &:= 2^1 + 4^3 + 6^2 + 16^1 + 19^2 = 21 + 43 + 62 + 161 + 192 \\ 479 &:= 2^1 + 4^3 + 12^2 + 13^1 + 16^2 = 21 + 43 + 122 + 131 + 162 \end{aligned}$$

$$\begin{aligned} 479 &:= 2^1 + 4^2 + 6^3 + 15^2 + 20^1 = 21 + 42 + 63 + 152 + 201 \\ 479 &:= 2^1 + 3^5 + 8^1 + 15^2 + 19^0 = 21 + 35 + 81 + 152 + 190 \\ 479 &:= 2^1 + 3^3 + 5^3 + 18^2 + 19^0 = 21 + 33 + 53 + 182 + 190 \\ 479 &:= 2^1 + 3^2 + 7^3 + 10^2 + 25^1 = 21 + 32 + 73 + 102 + 251 \\ 479 &:= 2^1 + 3^2 + 5^3 + 18^2 + 19^1 = 21 + 32 + 53 + 182 + 191 \\ 479 &:= 2^1 + 2^5 + 3^1 + 19^0 + 21^2 = 21 + 25 + 31 + 190 + 212 \\ 479 &:= 2^1 + 2^3 + 3^3 + 19^0 + 21^2 = 21 + 23 + 33 + 190 + 212 \\ 479 &:= 2^1 + 2^3 + 3^2 + 19^1 + 21^2 = 21 + 23 + 32 + 191 + 212 \\ 479 &:= 2^0 + 3^5 + 6^3 + 18^0 + 18^1 = 20 + 35 + 63 + 180 + 181 \\ 479 &:= 2^0 + 3^2 + 3^5 + 15^2 + 24^0 = 20 + 32 + 35 + 152 + 240 \\ 479 &:= 2^0 + 2^6 + 10^0 + 13^1 + 20^2 = 20 + 26 + 100 + 131 + 202 \\ 479 &:= 2^0 + 2^5 + 11^2 + 14^0 + 18^2 = 20 + 25 + 112 + 140 + 182 \\ 479 &:= 2^0 + 2^2 + 2^5 + 20^0 + 21^2 = 20 + 22 + 25 + 200 + 212 \\ 479 &:= 1^8 + 2^8 + 4^0 + 14^2 + 25^1 = 18 + 28 + 40 + 142 + 251 \\ 479 &:= 1^8 + 2^7 + 5^2 + 18^2 + 20^0 = 18 + 27 + 52 + 182 + 200 \\ 479 &:= 1^7 + 2^8 + 5^2 + 14^2 + 24^0 = 17 + 28 + 52 + 142 + 240 \\ 479 &:= 1^7 + 2^8 + 10^2 + 11^2 + 22^0 = 17 + 28 + 102 + 112 + 220 \\ 479 &:= 1^4 + 7^0 + 9^1 + 12^2 + 18^2 = 14 + 70 + 91 + 122 + 182 \\ 479 &:= 1^4 + 5^2 + 9^0 + 11^1 + 21^2 = 14 + 52 + 90 + 111 + 212 \\ 479 &:= 1^4 + 5^0 + 8^2 + 13^1 + 20^2 = 14 + 50 + 82 + 131 + 202 \\ 479 &:= 1^3 + 9^0 + 10^2 + 11^2 + 16^2 = 13 + 90 + 102 + 112 + 162 \\ 479 &:= 1^3 + 8^1 + 9^1 + 10^2 + 19^2 = 13 + 81 + 91 + 102 + 192 \\ 479 &:= 1^3 + 7^3 + 11^2 + 13^1 + 15^0 = 13 + 73 + 112 + 131 + 150 \\ 479 &:= 1^3 + 7^1 + 10^1 + 10^2 + 19^2 = 13 + 71 + 101 + 102 + 192 \\ 479 &:= 1^3 + 6^1 + 10^2 + 11^1 + 19^2 = 13 + 61 + 102 + 111 + 192 \\ 479 &:= 1^3 + 5^2 + 11^0 + 14^2 + 16^2 = 13 + 52 + 110 + 142 + 162 \\ 479 &:= 1^3 + 5^1 + 6^3 + 16^2 + 19^0 = 13 + 51 + 63 + 162 + 190 \\ 479 &:= 1^3 + 5^1 + 10^2 + 12^1 + 19^2 = 13 + 51 + 102 + 121 + 192 \\ 479 &:= 1^3 + 4^3 + 9^0 + 13^1 + 20^2 = 13 + 43 + 90 + 131 + 202 \\ 479 &:= 1^3 + 4^2 + 9^1 + 12^1 + 21^2 = 13 + 42 + 91 + 121 + 212 \\ 479 &:= 1^3 + 4^2 + 8^1 + 13^1 + 21^2 = 13 + 42 + 81 + 131 + 212 \\ 479 &:= 1^3 + 4^2 + 7^1 + 14^1 + 21^2 = 13 + 42 + 71 + 141 + 212 \\ 479 &:= 1^3 + 4^2 + 6^1 + 15^1 + 21^2 = 13 + 42 + 61 + 151 + 212 \\ 479 &:= 1^3 + 4^2 + 5^1 + 16^1 + 21^2 = 13 + 42 + 51 + 161 + 212 \\ 479 &:= 1^3 + 4^2 + 10^2 + 13^0 + 19^2 = 13 + 42 + 102 + 130 + 192 \\ 479 &:= 1^3 + 4^2 + 10^1 + 11^1 + 21^2 = 13 + 42 + 101 + 111 + 212 \\ 479 &:= 1^3 + 4^1 + 4^2 + 17^1 + 21^2 = 13 + 41 + 42 + 171 + 212 \\ 479 &:= 1^3 + 4^1 + 10^2 + 13^1 + 19^2 = 13 + 41 + 102 + 131 + 192 \end{aligned}$$

$$\begin{aligned} 479 &:= 1^3 + 3^3 + 9^1 + 13^0 + 21^2 = 13 + 33 + 91 + 130 + 212 \\ 479 &:= 1^3 + 3^2 + 12^2 + 13^0 + 18^2 = 13 + 32 + 122 + 130 + 182 \\ 479 &:= 1^3 + 3^1 + 4^2 + 18^1 + 21^2 = 13 + 31 + 42 + 181 + 212 \\ 479 &:= 1^3 + 3^1 + 10^2 + 14^1 + 19^2 = 13 + 31 + 102 + 141 + 192 \\ 479 &:= 1^3 + 2^1 + 4^2 + 19^1 + 21^2 = 13 + 21 + 42 + 191 + 212 \\ 479 &:= 1^3 + 2^1 + 10^2 + 15^1 + 19^2 = 13 + 21 + 102 + 151 + 192 \\ 479 &:= 1^2 + 9^1 + 10^2 + 12^2 + 15^2 = 12 + 91 + 102 + 122 + 152 \\ 479 &:= 1^2 + 6^2 + 6^3 + 15^2 + 19^0 = 12 + 62 + 63 + 152 + 190 \\ 479 &:= 1^2 + 5^3 + 7^3 + 9^1 + 25^0 = 12 + 53 + 73 + 91 + 250 \\ 479 &:= 1^2 + 4^2 + 12^1 + 15^2 + 15^2 = 12 + 42 + 121 + 152 + 152 \\ 479 &:= 1^2 + 3^3 + 13^0 + 15^2 + 15^2 = 12 + 33 + 130 + 152 + 152 \\ 479 &:= 1^2 + 3^2 + 3^3 + 19^0 + 21^2 = 12 + 32 + 33 + 190 + 212 \\ 479 &:= 1^2 + 3^2 + 3^2 + 19^1 + 21^2 = 12 + 32 + 32 + 191 + 212 \\ 479 &:= 1^2 + 3^0 + 4^4 + 14^2 + 25^1 = 12 + 30 + 44 + 142 + 251 \\ 479 &:= 1^2 + 2^4 + 3^0 + 20^1 + 21^2 = 12 + 24 + 30 + 201 + 212 \\ 479 &:= 1^2 + 1^2 + 4^2 + 20^1 + 21^2 = 12 + 12 + 42 + 201 + 212 \\ 479 &:= 1^2 + 1^2 + 10^2 + 16^1 + 19^2 = 12 + 12 + 102 + 161 + 192 \\ 479 &:= 1^1 + 6^3 + 10^2 + 12^2 + 18^1 = 11 + 63 + 102 + 122 + 181 \\ 479 &:= 1^1 + 5^3 + 9^2 + 16^1 + 16^2 = 11 + 53 + 92 + 161 + 162 \\ 479 &:= 1^1 + 5^3 + 13^2 + 13^2 + 15^1 = 11 + 53 + 132 + 132 + 151 \\ 479 &:= 1^1 + 4^4 + 5^2 + 14^2 + 23^0 = 11 + 44 + 52 + 142 + 230 \\ 479 &:= 1^1 + 4^4 + 10^2 + 11^2 + 21^0 = 11 + 44 + 102 + 112 + 210 \\ 479 &:= 1^1 + 4^3 + 6^2 + 17^1 + 19^2 = 11 + 43 + 62 + 171 + 192 \\ 479 &:= 1^1 + 4^3 + 12^2 + 14^1 + 16^2 = 11 + 43 + 122 + 141 + 162 \\ 479 &:= 1^1 + 4^2 + 6^3 + 15^2 + 21^1 = 11 + 42 + 63 + 152 + 211 \\ 479 &:= 1^1 + 3^5 + 9^1 + 15^2 + 19^0 = 11 + 35 + 91 + 152 + 190 \\ 479 &:= 1^1 + 3^2 + 7^3 + 10^2 + 26^1 = 11 + 32 + 73 + 102 + 261 \\ 479 &:= 1^1 + 3^2 + 5^3 + 18^2 + 20^1 = 11 + 32 + 53 + 182 + 201 \\ 479 &:= 1^1 + 2^5 + 4^1 + 19^0 + 21^2 = 11 + 25 + 41 + 190 + 212 \\ 479 &:= 1^1 + 2^4 + 10^2 + 15^0 + 19^2 = 11 + 24 + 102 + 150 + 192 \\ 479 &:= 1^1 + 2^3 + 3^2 + 20^1 + 21^2 = 11 + 23 + 32 + 201 + 212 \\ 479 &:= 1^1 + 1^3 + 4^2 + 20^1 + 21^2 = 11 + 13 + 42 + 201 + 212 \\ 479 &:= 1^1 + 1^3 + 10^2 + 16^1 + 19^2 = 11 + 13 + 102 + 161 + 192 \\ 479 &:= 1^0 + 4^4 + 10^2 + 10^2 + 22^1 = 10 + 44 + 102 + 102 + 221 \\ 479 &:= 1^0 + 3^5 + 6^3 + 18^1 + 19^0 = 10 + 35 + 63 + 181 + 190 \\ 479 &:= 1^0 + 3^4 + 4^2 + 19^2 + 20^1 = 10 + 34 + 42 + 192 + 201 \\ 479 &:= 1^0 + 3^3 + 7^3 + 9^2 + 27^1 = 10 + 33 + 73 + 92 + 271 \\ 479 &:= 1^0 + 3^2 + 3^5 + 15^2 + 25^0 = 10 + 32 + 35 + 152 + 250 \end{aligned}$$

$$479 := 1^0 + 2^6 + 11^0 + 13^1 + 20^2 = 10 + 26 + 110 + 131 + 202$$

$$479 := 1^0 + 2^5 + 11^2 + 15^0 + 18^2 = 10 + 25 + 112 + 150 + 182$$

$$479 := 1^0 + 2^3 + 7^3 + 10^2 + 27^1 = 10 + 23 + 73 + 102 + 271$$

$$479 := 1^0 + 2^3 + 5^3 + 18^2 + 21^1 = 10 + 23 + 53 + 182 + 211$$

$$479 := 1^0 + 2^3 + 2^3 + 21^1 + 21^2 = 10 + 23 + 23 + 211 + 212$$

$$479 := 1^0 + 2^2 + 2^5 + 21^0 + 21^2 = 10 + 22 + 25 + 210 + 212$$

$$479 := 1^0 + 1^4 + 4^2 + 20^1 + 21^2 = 10 + 14 + 42 + 201 + 212$$

$$479 := 1^0 + 1^4 + 10^2 + 16^1 + 19^2 = 10 + 14 + 102 + 161 + 192$$

2.2.381 Number 480

$$480 := 1^0 + 1^6 + 6^2 + 18^0 + 21^2 = 10 + 16 + 62 + 180 + 212$$

$$480 := 1^1 + 1^5 + 6^2 + 18^0 + 21^2 = 11 + 15 + 62 + 180 + 212$$

$$480 := 1^1 + 2^6 + 10^0 + 14^1 + 20^2 = 11 + 26 + 100 + 141 + 202$$

$$480 := 1^1 + 3^5 + 6^3 + 18^0 + 19^1 = 11 + 35 + 63 + 180 + 191$$

$$480 := 1^2 + 1^4 + 6^2 + 18^0 + 21^2 = 12 + 14 + 62 + 180 + 212$$

$$480 := 1^2 + 2^5 + 5^1 + 18^0 + 21^2 = 12 + 25 + 51 + 180 + 212$$

$$480 := 1^2 + 3^4 + 6^2 + 18^0 + 19^2 = 12 + 34 + 62 + 180 + 192$$

$$480 := 1^2 + 3^5 + 10^1 + 15^2 + 18^0 = 12 + 35 + 101 + 152 + 180$$

$$480 := 1^2 + 4^3 + 5^3 + 17^2 + 20^0 = 12 + 43 + 53 + 172 + 200$$

$$480 := 1^3 + 1^3 + 6^2 + 18^0 + 21^2 = 13 + 13 + 62 + 180 + 212$$

$$480 := 1^3 + 2^0 + 2^4 + 21^1 + 21^2 = 13 + 20 + 24 + 211 + 212$$

$$480 := 1^3 + 2^0 + 4^4 + 14^2 + 26^1 = 13 + 20 + 44 + 142 + 261$$

$$480 := 1^3 + 2^7 + 2^7 + 14^2 + 27^1 = 13 + 27 + 27 + 142 + 271$$

$$480 := 1^3 + 5^3 + 7^3 + 10^1 + 24^0 = 13 + 53 + 73 + 101 + 240$$

$$480 := 1^3 + 5^3 + 8^2 + 16^0 + 17^2 = 13 + 53 + 82 + 160 + 172$$

$$480 := 1^4 + 1^9 + 2^4 + 21^1 + 21^2 = 14 + 19 + 24 + 211 + 212$$

$$480 := 1^4 + 1^9 + 4^4 + 14^2 + 26^1 = 14 + 19 + 44 + 142 + 261$$

$$480 := 1^4 + 3^3 + 10^1 + 12^0 + 21^2 = 14 + 33 + 101 + 120 + 212$$

$$480 := 1^4 + 4^3 + 8^0 + 14^1 + 20^2 = 14 + 43 + 80 + 141 + 202$$

$$480 := 1^4 + 6^1 + 6^3 + 16^2 + 18^0 = 14 + 61 + 63 + 162 + 180$$

$$480 := 1^4 + 6^2 + 9^2 + 12^0 + 19^2 = 14 + 62 + 92 + 120 + 192$$

$$480 := 1^4 + 7^3 + 11^2 + 14^0 + 14^1 = 14 + 73 + 112 + 140 + 141$$

$$480 := 1^5 + 1^8 + 2^4 + 21^1 + 21^2 = 15 + 18 + 24 + 211 + 212$$

$$480 := 1^5 + 1^8 + 4^4 + 14^2 + 26^1 = 15 + 18 + 44 + 142 + 261$$

$$480 := 1^5 + 4^0 + 8^2 + 14^1 + 20^2 = 15 + 40 + 82 + 141 + 202$$

$$480 := 1^5 + 5^2 + 8^0 + 12^1 + 21^2 = 15 + 52 + 80 + 121 + 212$$

$$480 := 1^5 + 6^0 + 10^1 + 12^2 + 18^2 = 15 + 60 + 101 + 122 + 182$$

$$480 := 1^6 + 1^7 + 2^4 + 21^1 + 21^2 = 16 + 17 + 24 + 211 + 212$$

$$480 := 1^6 + 1^7 + 4^4 + 14^2 + 26^1 = 16 + 17 + 44 + 142 + 261$$

$$480 := 1^6 + 2^0 + 6^2 + 17^0 + 21^2 = 16 + 20 + 62 + 170 + 212$$

$$480 := 1^6 + 2^5 + 2^6 + 19^2 + 22^1 = 16 + 25 + 26 + 192 + 221$$

$$480 := 1^6 + 2^8 + 3^3 + 13^2 + 27^1 = 16 + 28 + 33 + 132 + 271$$

$$480 := 1^6 + 3^0 + 6^2 + 16^0 + 21^2 = 16 + 30 + 62 + 160 + 212$$

$$480 := 1^6 + 4^0 + 6^2 + 15^0 + 21^2 = 16 + 40 + 62 + 150 + 212$$

$$480 := 1^6 + 5^0 + 6^2 + 14^0 + 21^2 = 16 + 50 + 62 + 140 + 212$$

$$480 := 1^6 + 6^0 + 6^2 + 13^0 + 21^2 = 16 + 60 + 62 + 130 + 212$$

$$480 := 1^6 + 6^2 + 7^0 + 12^0 + 21^2 = 16 + 62 + 70 + 120 + 212$$

$$480 := 1^6 + 6^2 + 8^0 + 11^0 + 21^2 = 16 + 62 + 80 + 110 + 212$$

$$480 := 1^6 + 6^2 + 9^0 + 10^0 + 21^2 = 16 + 62 + 90 + 100 + 212$$

$$480 := 1^7 + 1^9 + 6^2 + 17^0 + 21^2 = 17 + 19 + 62 + 170 + 212$$

$$480 := 1^7 + 2^8 + 10^2 + 10^2 + 23^1 = 17 + 28 + 102 + 102 + 231$$

$$480 := 1^8 + 1^8 + 6^2 + 17^0 + 21^2 = 18 + 18 + 62 + 170 + 212$$

$$480 := 1^8 + 2^2 + 2^7 + 18^2 + 23^1 = 18 + 22 + 27 + 182 + 231$$

$$480 := 1^8 + 2^7 + 5^3 + 15^2 + 23^0 = 18 + 27 + 53 + 152 + 230$$

$$480 := 1^9 + 2^4 + 3^4 + 19^2 + 21^1 = 19 + 24 + 34 + 192 + 211$$

$$480 := 1^9 + 2^5 + 3^3 + 20^1 + 20^2 = 19 + 25 + 33 + 201 + 202$$

$$480 := 1^9 + 2^6 + 12^2 + 15^1 + 16^2 = 19 + 26 + 122 + 151 + 162$$

$$480 := 1^9 + 2^6 + 5^3 + 17^2 + 21^0 = 19 + 26 + 53 + 172 + 210$$

$$480 := 1^9 + 2^6 + 6^2 + 18^1 + 19^2 = 19 + 26 + 62 + 181 + 192$$

$$480 := 1^9 + 2^8 + 3^0 + 14^2 + 26^1 = 19 + 28 + 30 + 142 + 261$$

$$480 := 2^0 + 2^4 + 6^3 + 15^2 + 22^1 = 20 + 24 + 63 + 152 + 221$$

$$480 := 2^0 + 2^5 + 12^2 + 14^1 + 17^2 = 20 + 25 + 122 + 141 + 172$$

$$480 := 2^0 + 3^5 + 4^2 + 14^2 + 24^1 = 20 + 35 + 42 + 142 + 241$$

$$480 := 2^1 + 2^2 + 2^5 + 20^0 + 21^2 = 21 + 22 + 25 + 200 + 212$$

$$480 := 2^1 + 2^5 + 11^2 + 14^0 + 18^2 = 21 + 25 + 112 + 140 + 182$$

$$480 := 2^1 + 2^6 + 10^0 + 13^1 + 20^2 = 21 + 26 + 100 + 131 + 202$$

$$480 := 2^1 + 3^2 + 3^5 + 15^2 + 24^0 = 21 + 32 + 35 + 152 + 240$$

$$480 := 2^1 + 3^5 + 6^3 + 18^0 + 18^1 = 21 + 35 + 63 + 180 + 181$$

$$480 := 2^2 + 3^4 + 13^2 + 14^0 + 15^2 = 22 + 34 + 132 + 140 + 152$$

$$480 := 2^2 + 3^5 + 7^1 + 15^2 + 20^0 = 22 + 35 + 71 + 152 + 200$$

$$480 := 2^2 + 5^3 + 5^3 + 15^2 + 20^0 = 22 + 53 + 53 + 152 + 200$$

$$480 := 2^3 + 2^4 + 8^0 + 14^1 + 21^2 = 23 + 24 + 80 + 141 + 212$$

$$\begin{aligned}
 480 &:= 2^3 + 4^4 + 8^0 + 14^2 + 19^1 = 23 + 44 + 80 + 142 + 191 \\
 480 &:= 2^3 + 5^3 + 11^2 + 14^0 + 15^2 = 23 + 53 + 112 + 140 + 152 \\
 480 &:= 2^3 + 7^3 + 8^2 + 8^2 + 22^0 = 23 + 73 + 82 + 82 + 220 \\
 480 &:= 2^4 + 5^3 + 8^0 + 14^1 + 18^2 = 24 + 53 + 80 + 141 + 182 \\
 480 &:= 2^4 + 7^3 + 8^0 + 10^2 + 20^1 = 24 + 73 + 80 + 102 + 201 \\
 480 &:= 2^5 + 5^1 + 9^2 + 12^0 + 19^2 = 25 + 51 + 92 + 120 + 192 \\
 480 &:= 2^5 + 6^2 + 8^0 + 11^1 + 20^2 = 25 + 62 + 80 + 111 + 202 \\
 480 &:= 2^6 + 3^1 + 10^0 + 12^1 + 20^2 = 26 + 31 + 100 + 121 + 202 \\
 480 &:= 2^6 + 4^1 + 10^0 + 11^1 + 20^2 = 26 + 41 + 100 + 111 + 202 \\
 480 &:= 2^6 + 5^1 + 10^0 + 10^1 + 20^2 = 26 + 51 + 100 + 101 + 202 \\
 480 &:= 2^6 + 6^1 + 9^1 + 10^0 + 20^2 = 26 + 61 + 91 + 100 + 202 \\
 480 &:= 2^6 + 7^1 + 8^1 + 10^0 + 20^2 = 26 + 71 + 81 + 100 + 202 \\
 480 &:= 2^7 + 2^8 + 3^4 + 14^1 + 25^0 = 27 + 28 + 34 + 141 + 250 \\
 480 &:= 3^1 + 3^5 + 6^3 + 17^1 + 18^0 = 31 + 35 + 63 + 171 + 180 \\
 480 &:= 3^1 + 3^5 + 8^2 + 13^2 + 20^0 = 31 + 35 + 82 + 132 + 200 \\
 480 &:= 3^2 + 3^3 + 7^3 + 10^2 + 24^0 = 32 + 33 + 73 + 102 + 240 \\
 480 &:= 3^2 + 3^4 + 10^2 + 14^0 + 17^2 = 32 + 34 + 102 + 140 + 172 \\
 480 &:= 3^3 + 3^3 + 12^0 + 13^2 + 16^2 = 33 + 33 + 120 + 132 + 162 \\
 480 &:= 3^3 + 3^3 + 5^2 + 16^0 + 20^2 = 33 + 33 + 52 + 160 + 202 \\
 480 &:= 3^3 + 3^3 + 8^2 + 14^0 + 19^2 = 33 + 33 + 82 + 140 + 192 \\
 480 &:= 3^3 + 3^4 + 10^1 + 12^0 + 19^2 = 33 + 34 + 101 + 120 + 192 \\
 480 &:= 3^3 + 4^3 + 8^2 + 14^0 + 18^2 = 33 + 43 + 82 + 140 + 182 \\
 480 &:= 3^3 + 6^3 + 6^3 + 12^0 + 20^1 = 33 + 63 + 63 + 120 + 201 \\
 480 &:= 3^4 + 4^3 + 10^1 + 12^0 + 18^2 = 34 + 43 + 101 + 120 + 182 \\
 480 &:= 3^4 + 5^2 + 7^2 + 14^0 + 18^2 = 34 + 52 + 72 + 140 + 182
 \end{aligned}$$

$$\begin{aligned}
 480 &:= 3^4 + 5^3 + 6^0 + 16^2 + 17^1 = 34 + 53 + 60 + 162 + 171 \\
 480 &:= 3^4 + 6^1 + 7^2 + 7^3 + 24^0 = 34 + 61 + 72 + 73 + 240 \\
 480 &:= 3^4 + 6^2 + 7^3 + 12^0 + 19^1 = 34 + 62 + 73 + 120 + 191 \\
 480 &:= 3^4 + 6^3 + 12^0 + 13^1 + 13^2 = 34 + 63 + 120 + 131 + 132 \\
 480 &:= 3^4 + 9^2 + 10^0 + 11^2 + 14^2 = 34 + 92 + 100 + 112 + 142 \\
 480 &:= 3^5 + 4^1 + 6^2 + 14^2 + 20^0 = 35 + 41 + 62 + 142 + 200 \\
 480 &:= 3^5 + 4^1 + 6^3 + 16^1 + 18^0 = 35 + 41 + 63 + 161 + 180 \\
 480 &:= 3^5 + 5^1 + 6^3 + 15^1 + 18^0 = 35 + 51 + 63 + 151 + 180 \\
 480 &:= 3^5 + 5^2 + 10^0 + 14^2 + 15^1 = 35 + 52 + 100 + 142 + 151 \\
 480 &:= 3^5 + 6^0 + 7^2 + 13^2 + 18^1 = 35 + 60 + 72 + 132 + 181 \\
 480 &:= 3^5 + 6^1 + 6^3 + 14^1 + 18^0 = 35 + 61 + 63 + 141 + 180 \\
 480 &:= 3^5 + 6^3 + 10^1 + 10^1 + 18^0 = 35 + 63 + 101 + 101 + 180 \\
 480 &:= 3^5 + 6^3 + 7^1 + 13^1 + 18^0 = 35 + 63 + 71 + 131 + 180 \\
 480 &:= 3^5 + 6^3 + 8^1 + 12^1 + 18^0 = 35 + 63 + 81 + 121 + 180 \\
 480 &:= 3^5 + 6^3 + 9^1 + 11^1 + 18^0 = 35 + 63 + 91 + 111 + 180 \\
 480 &:= 3^5 + 8^0 + 10^2 + 11^2 + 15^1 = 35 + 80 + 102 + 112 + 151 \\
 480 &:= 3^5 + 9^2 + 11^1 + 12^0 + 12^2 = 35 + 92 + 111 + 120 + 122 \\
 480 &:= 4^3 + 4^3 + 7^3 + 8^1 + 24^0 = 43 + 43 + 73 + 81 + 240 \\
 480 &:= 4^3 + 4^4 + 12^0 + 12^2 + 15^1 = 43 + 44 + 120 + 122 + 151 \\
 480 &:= 4^3 + 5^3 + 11^2 + 13^2 + 14^0 = 43 + 53 + 112 + 132 + 140 \\
 480 &:= 4^3 + 6^2 + 6^2 + 7^3 + 24^0 = 43 + 62 + 62 + 73 + 240 \\
 480 &:= 4^4 + 5^3 + 9^2 + 12^0 + 17^1 = 44 + 53 + 92 + 120 + 171 \\
 480 &:= 5^3 + 5^3 + 6^3 + 13^1 + 18^0 = 53 + 53 + 63 + 131 + 180
 \end{aligned}$$

2.2.382 Number 481

$$\begin{aligned}
 481 &:= 1^4 + 2^4 + 21^2 + 23^1 = 14 + 24 + 212 + 231 \\
 481 &:= 1^4 + 4^4 + 14^2 + 28^1 = 14 + 44 + 142 + 281 \\
 481 &:= 2^4 + 3^4 + 19^2 + 23^1 = 24 + 34 + 192 + 231 \\
 481 &:= 2^4 + 6^3 + 6^3 + 33^1 = 24 + 63 + 63 + 331 \\
 481 &:= 2^5 + 3^3 + 20^2 + 22^1 = 25 + 33 + 202 + 221 \\
 481 &:= 2^6 + 12^2 + 16^2 + 17^1 = 26 + 122 + 162 + 171 \\
 481 &:= 2^6 + 6^2 + 19^2 + 20^1 = 26 + 62 + 192 + 201 \\
 481 &:= 2^7 + 7^3 + 9^1 + 29^0 = 27 + 73 + 91 + 290 \\
 481 &:= 2^8 + 3^0 + 14^2 + 28^1 = 28 + 30 + 142 + 281 \\
 481 &:= 1^0 + 1^4 + 2^4 + 21^2 + 22^1 = 10 + 14 + 24 + 212 + 221 \\
 481 &:= 1^0 + 1^4 + 4^4 + 14^2 + 27^1 = 10 + 14 + 44 + 142 + 271
 \end{aligned}$$

$$\begin{aligned}
 481 &:= 1^0 + 2^4 + 3^4 + 19^2 + 22^1 = 10 + 24 + 34 + 192 + 221 \\
 481 &:= 1^0 + 2^5 + 3^3 + 20^2 + 21^1 = 10 + 25 + 33 + 202 + 211 \\
 481 &:= 1^0 + 2^6 + 12^2 + 16^1 + 16^2 = 10 + 26 + 122 + 161 + 162 \\
 481 &:= 1^0 + 2^6 + 6^2 + 19^1 + 19^2 = 10 + 26 + 62 + 191 + 192 \\
 481 &:= 1^0 + 2^8 + 3^0 + 14^2 + 27^1 = 10 + 28 + 30 + 142 + 271 \\
 481 &:= 1^1 + 1^3 + 2^4 + 21^2 + 22^1 = 11 + 13 + 24 + 212 + 221 \\
 481 &:= 1^1 + 1^3 + 4^4 + 14^2 + 27^1 = 11 + 13 + 44 + 142 + 271 \\
 481 &:= 1^1 + 2^4 + 6^3 + 15^2 + 23^1 = 11 + 24 + 63 + 152 + 231 \\
 481 &:= 1^1 + 2^5 + 12^2 + 15^1 + 17^2 = 11 + 25 + 122 + 151 + 172 \\
 481 &:= 1^1 + 3^5 + 4^2 + 14^2 + 25^1 = 11 + 35 + 42 + 142 + 251 \\
 481 &:= 1^2 + 1^2 + 2^4 + 21^2 + 22^1 = 12 + 12 + 24 + 212 + 221
 \end{aligned}$$

$$\begin{aligned}
 481 &:= 1^2 + 1^2 + 4^4 + 14^2 + 27^1 = 12 + 12 + 44 + 142 + 271 & 481 &:= 1^4 + 2^2 + 4^2 + 19^1 + 21^2 = 14 + 22 + 42 + 191 + 212 \\
 481 &:= 1^2 + 2^4 + 14^1 + 15^2 + 15^2 = 12 + 24 + 141 + 152 + 152 & 481 &:= 1^4 + 3^2 + 13^1 + 13^2 + 17^2 = 14 + 32 + 131 + 132 + 172 \\
 481 &:= 1^2 + 2^6 + 9^0 + 15^1 + 20^2 = 12 + 26 + 90 + 151 + 202 & 481 &:= 1^4 + 3^3 + 13^0 + 14^2 + 16^2 = 14 + 33 + 130 + 142 + 162 \\
 481 &:= 1^2 + 3^3 + 4^4 + 14^2 + 25^0 = 12 + 33 + 44 + 142 + 250 & 481 &:= 1^4 + 4^2 + 12^1 + 14^2 + 16^2 = 14 + 42 + 121 + 142 + 162 \\
 481 &:= 1^2 + 3^5 + 6^3 + 17^0 + 20^1 = 12 + 35 + 63 + 170 + 201 & 481 &:= 1^4 + 4^2 + 7^2 + 15^1 + 20^2 = 14 + 42 + 72 + 151 + 202 \\
 481 &:= 1^2 + 4^4 + 9^2 + 11^2 + 22^1 = 12 + 44 + 92 + 112 + 221 & 481 &:= 1^4 + 5^2 + 9^2 + 13^1 + 19^2 = 14 + 52 + 92 + 131 + 192 \\
 481 &:= 1^3 + 2^1 + 2^4 + 21^1 + 21^2 = 13 + 21 + 24 + 211 + 212 & 481 &:= 1^4 + 5^3 + 7^3 + 11^1 + 23^0 = 14 + 53 + 73 + 111 + 230 \\
 481 &:= 1^3 + 2^1 + 4^4 + 14^2 + 26^1 = 13 + 21 + 44 + 142 + 261 & 481 &:= 1^4 + 6^2 + 11^1 + 12^2 + 17^2 = 14 + 62 + 111 + 122 + 172 \\
 481 &:= 1^3 + 2^3 + 13^2 + 14^1 + 17^2 = 13 + 23 + 132 + 141 + 172 & 481 &:= 1^4 + 6^2 + 7^3 + 10^2 + 23^0 = 14 + 62 + 73 + 102 + 230 \\
 481 &:= 1^3 + 2^4 + 10^1 + 13^1 + 21^2 = 13 + 24 + 101 + 131 + 212 & 481 &:= 1^4 + 7^2 + 10^1 + 14^2 + 15^2 = 14 + 72 + 101 + 142 + 152 \\
 481 &:= 1^3 + 2^4 + 11^1 + 12^1 + 21^2 = 13 + 24 + 111 + 121 + 212 & 481 &:= 1^4 + 8^2 + 9^2 + 11^1 + 18^2 = 14 + 82 + 92 + 111 + 182 \\
 481 &:= 1^3 + 2^4 + 3^1 + 20^1 + 21^2 = 13 + 24 + 31 + 201 + 212 & 481 &:= 1^4 + 9^2 + 10^1 + 10^2 + 17^2 = 14 + 92 + 101 + 102 + 172 \\
 481 &:= 1^3 + 2^4 + 4^1 + 19^1 + 21^2 = 13 + 24 + 41 + 191 + 212 & 481 &:= 1^5 + 3^3 + 11^0 + 11^1 + 21^2 = 15 + 33 + 110 + 111 + 212 \\
 481 &:= 1^3 + 2^4 + 5^1 + 18^1 + 21^2 = 13 + 24 + 51 + 181 + 212 & 481 &:= 1^5 + 4^3 + 7^0 + 15^1 + 20^2 = 15 + 43 + 70 + 151 + 202 \\
 481 &:= 1^3 + 2^4 + 6^1 + 17^1 + 21^2 = 13 + 24 + 61 + 171 + 212 & 481 &:= 1^5 + 6^3 + 7^1 + 16^2 + 17^0 = 15 + 63 + 71 + 162 + 170 \\
 481 &:= 1^3 + 2^4 + 7^1 + 16^1 + 21^2 = 13 + 24 + 71 + 161 + 212 & 481 &:= 1^5 + 7^3 + 11^2 + 13^0 + 15^1 = 15 + 73 + 112 + 130 + 151 \\
 481 &:= 1^3 + 2^4 + 8^1 + 15^1 + 21^2 = 13 + 24 + 81 + 151 + 212 & 481 &:= 1^6 + 2^1 + 6^2 + 17^0 + 21^2 = 16 + 21 + 62 + 170 + 212 \\
 481 &:= 1^3 + 2^4 + 9^1 + 14^1 + 21^2 = 13 + 24 + 91 + 141 + 212 & 481 &:= 1^6 + 3^0 + 8^2 + 15^1 + 20^2 = 16 + 30 + 82 + 151 + 202 \\
 481 &:= 1^3 + 2^5 + 6^1 + 17^0 + 21^2 = 13 + 25 + 61 + 170 + 212 & 481 &:= 1^6 + 5^0 + 11^1 + 12^2 + 18^2 = 16 + 50 + 111 + 122 + 182 \\
 481 &:= 1^3 + 3^1 + 4^4 + 14^2 + 25^1 = 13 + 31 + 44 + 142 + 251 & 481 &:= 1^6 + 5^2 + 7^0 + 13^1 + 21^2 = 16 + 52 + 70 + 131 + 212 \\
 481 &:= 1^3 + 3^3 + 6^2 + 17^1 + 20^2 = 13 + 33 + 62 + 171 + 202 & 481 &:= 1^8 + 2^8 + 3^3 + 14^2 + 26^0 = 18 + 28 + 33 + 142 + 260 \\
 481 &:= 1^3 + 3^5 + 11^1 + 15^2 + 17^0 = 13 + 35 + 111 + 152 + 170 & 481 &:= 1^9 + 2^7 + 3^3 + 18^2 + 22^0 = 19 + 27 + 33 + 182 + 220 \\
 481 &:= 1^3 + 4^1 + 4^4 + 14^2 + 24^1 = 13 + 41 + 44 + 142 + 241 & 481 &:= 2^0 + 2^0 + 2^8 + 14^2 + 27^1 = 20 + 20 + 28 + 142 + 271 \\
 481 &:= 1^3 + 4^4 + 10^1 + 14^2 + 18^1 = 13 + 44 + 101 + 142 + 181 & 481 &:= 2^1 + 2^4 + 6^3 + 15^2 + 22^1 = 21 + 24 + 63 + 152 + 221 \\
 481 &:= 1^3 + 4^4 + 11^1 + 14^2 + 17^1 = 13 + 44 + 111 + 142 + 171 & 481 &:= 2^1 + 2^5 + 12^2 + 14^1 + 17^2 = 21 + 25 + 122 + 141 + 172 \\
 481 &:= 1^3 + 4^4 + 12^1 + 14^2 + 16^1 = 13 + 44 + 121 + 142 + 161 & 481 &:= 2^1 + 3^5 + 4^2 + 14^2 + 24^1 = 21 + 35 + 42 + 142 + 241 \\
 481 &:= 1^3 + 4^4 + 13^1 + 14^2 + 15^1 = 13 + 44 + 131 + 142 + 151 & 481 &:= 2^2 + 2^3 + 2^3 + 20^1 + 21^2 = 22 + 23 + 23 + 201 + 212 \\
 481 &:= 1^3 + 4^4 + 14^1 + 14^1 + 14^2 = 13 + 44 + 141 + 141 + 142 & 481 &:= 2^2 + 2^3 + 5^3 + 18^2 + 20^1 = 22 + 23 + 53 + 182 + 201 \\
 481 &:= 1^3 + 4^4 + 5^1 + 14^2 + 23^1 = 13 + 44 + 51 + 142 + 231 & 481 &:= 2^2 + 2^3 + 7^3 + 10^2 + 26^1 = 22 + 23 + 73 + 102 + 261 \\
 481 &:= 1^3 + 4^4 + 6^1 + 14^2 + 22^1 = 13 + 44 + 61 + 142 + 221 & 481 &:= 2^2 + 2^6 + 11^0 + 12^1 + 20^2 = 22 + 26 + 110 + 121 + 202 \\
 481 &:= 1^3 + 4^4 + 7^1 + 14^2 + 21^1 = 13 + 44 + 71 + 142 + 211 & 481 &:= 2^2 + 3^3 + 7^3 + 9^2 + 26^1 = 22 + 33 + 73 + 92 + 261 \\
 481 &:= 1^3 + 4^4 + 8^1 + 14^2 + 20^1 = 13 + 44 + 81 + 142 + 201 & 481 &:= 2^2 + 3^4 + 4^2 + 19^1 + 19^2 = 22 + 34 + 42 + 191 + 192 \\
 481 &:= 1^3 + 4^4 + 9^1 + 14^2 + 19^1 = 13 + 44 + 91 + 142 + 191 & 481 &:= 2^2 + 3^5 + 6^3 + 17^1 + 19^0 = 22 + 35 + 63 + 171 + 190 \\
 481 &:= 1^3 + 5^3 + 12^2 + 14^2 + 15^1 = 13 + 53 + 122 + 142 + 151 & 481 &:= 2^2 + 3^5 + 8^2 + 13^2 + 21^0 = 22 + 35 + 82 + 132 + 210 \\
 481 &:= 1^3 + 5^3 + 7^2 + 17^1 + 17^2 = 13 + 53 + 72 + 171 + 172 & 481 &:= 2^2 + 4^4 + 10^2 + 10^2 + 21^1 = 22 + 44 + 102 + 102 + 211 \\
 481 &:= 1^3 + 6^3 + 7^2 + 14^2 + 19^1 = 13 + 63 + 72 + 142 + 191 & 481 &:= 2^3 + 2^3 + 13^1 + 14^2 + 16^2 = 23 + 23 + 131 + 142 + 162 \\
 481 &:= 1^3 + 7^2 + 7^3 + 8^2 + 24^1 = 13 + 72 + 73 + 82 + 241 & 481 &:= 2^3 + 2^3 + 4^3 + 19^0 + 20^2 = 23 + 23 + 43 + 190 + 202 \\
 481 &:= 1^4 + 2^2 + 10^2 + 15^1 + 19^2 = 14 + 22 + 102 + 151 + 192 & 481 &:= 2^3 + 2^3 + 7^2 + 16^1 + 20^2 = 23 + 23 + 72 + 161 + 202
 \end{aligned}$$

$$\begin{aligned}
 481 &:= 2^3 + 2^3 + 7^3 + 11^2 + 25^0 = 23 + 23 + 73 + 112 + 250 & 481 &:= 2^7 + 5^0 + 7^3 + 8^1 + 25^0 = 27 + 50 + 73 + 81 + 250 \\
 481 &:= 2^3 + 3^3 + 12^2 + 13^1 + 17^2 = 23 + 33 + 122 + 131 + 172 & 481 &:= 2^7 + 6^0 + 7^3 + 8^1 + 24^0 = 27 + 60 + 73 + 81 + 240 \\
 481 &:= 2^3 + 3^5 + 4^1 + 15^2 + 23^0 = 23 + 35 + 41 + 152 + 230 & 481 &:= 2^7 + 7^0 + 7^3 + 8^1 + 23^0 = 27 + 70 + 73 + 81 + 230 \\
 481 &:= 2^3 + 5^2 + 7^3 + 9^2 + 24^1 = 23 + 52 + 73 + 92 + 241 & 481 &:= 2^7 + 7^3 + 8^0 + 8^1 + 22^0 = 27 + 73 + 80 + 81 + 220 \\
 481 &:= 2^4 + 2^4 + 7^1 + 15^0 + 21^2 = 24 + 24 + 71 + 150 + 212 & 481 &:= 2^7 + 7^3 + 8^1 + 10^0 + 20^0 = 27 + 73 + 81 + 100 + 200 \\
 481 &:= 2^4 + 3^1 + 6^3 + 15^2 + 21^1 = 24 + 31 + 63 + 152 + 211 & 481 &:= 2^7 + 7^3 + 8^1 + 11^0 + 19^0 = 27 + 73 + 81 + 110 + 190 \\
 481 &:= 2^4 + 3^2 + 9^2 + 14^1 + 19^2 = 24 + 32 + 92 + 141 + 192 & 481 &:= 2^7 + 7^3 + 8^1 + 12^0 + 18^0 = 27 + 73 + 81 + 120 + 180 \\
 481 &:= 2^4 + 4^1 + 6^3 + 15^2 + 20^1 = 24 + 41 + 63 + 152 + 201 & 481 &:= 2^7 + 7^3 + 8^1 + 13^0 + 17^0 = 27 + 73 + 81 + 130 + 170 \\
 481 &:= 2^4 + 4^3 + 12^2 + 13^0 + 16^2 = 24 + 43 + 122 + 130 + 162 & 481 &:= 2^7 + 7^3 + 8^1 + 14^0 + 16^0 = 27 + 73 + 81 + 140 + 160 \\
 481 &:= 2^4 + 4^4 + 12^1 + 14^2 + 15^0 = 24 + 44 + 121 + 142 + 150 & 481 &:= 2^7 + 7^3 + 8^1 + 15^0 + 15^0 = 27 + 73 + 81 + 150 + 150 \\
 481 &:= 2^4 + 5^1 + 6^3 + 15^2 + 19^1 = 24 + 51 + 63 + 152 + 191 & 481 &:= 2^7 + 7^3 + 8^1 + 9^0 + 21^0 = 27 + 73 + 81 + 90 + 210 \\
 481 &:= 2^4 + 5^2 + 5^2 + 15^1 + 20^2 = 24 + 52 + 52 + 151 + 202 & 481 &:= 3^1 + 3^5 + 4^2 + 14^2 + 23^1 = 31 + 35 + 42 + 142 + 231 \\
 481 &:= 2^4 + 6^1 + 6^3 + 15^2 + 18^1 = 24 + 61 + 63 + 152 + 181 & 481 &:= 3^2 + 3^3 + 3^3 + 18^1 + 20^2 = 32 + 33 + 33 + 181 + 202 \\
 481 &:= 2^4 + 6^3 + 10^1 + 14^1 + 15^2 = 24 + 63 + 101 + 141 + 152 & 481 &:= 3^2 + 3^4 + 11^2 + 14^1 + 16^2 = 32 + 34 + 112 + 141 + 162 \\
 481 &:= 2^4 + 6^3 + 11^1 + 13^1 + 15^2 = 24 + 63 + 111 + 131 + 152 & 481 &:= 3^2 + 3^5 + 6^3 + 12^1 + 23^0 = 32 + 35 + 63 + 121 + 230 \\
 481 &:= 2^4 + 6^3 + 12^1 + 12^1 + 15^2 = 24 + 63 + 121 + 121 + 152 & 481 &:= 3^2 + 4^4 + 5^2 + 13^2 + 22^1 = 32 + 44 + 52 + 132 + 221 \\
 481 &:= 2^4 + 6^3 + 7^1 + 15^2 + 17^1 = 24 + 63 + 71 + 152 + 171 & 481 &:= 3^3 + 3^5 + 13^0 + 14^1 + 14^2 = 33 + 35 + 130 + 141 + 142 \\
 481 &:= 2^4 + 6^3 + 8^1 + 15^2 + 16^1 = 24 + 63 + 81 + 152 + 161 & 481 &:= 3^3 + 4^3 + 11^2 + 13^1 + 16^2 = 33 + 43 + 112 + 131 + 162 \\
 481 &:= 2^4 + 6^3 + 9^1 + 15^1 + 15^2 = 24 + 63 + 91 + 151 + 152 & 481 &:= 3^3 + 6^3 + 10^2 + 11^2 + 17^1 = 33 + 63 + 102 + 112 + 171 \\
 481 &:= 2^4 + 7^2 + 9^2 + 11^1 + 18^2 = 24 + 72 + 92 + 111 + 182 & 481 &:= 3^4 + 10^1 + 10^2 + 11^2 + 13^2 = 34 + 101 + 102 + 112 + 132 \\
 481 &:= 2^4 + 8^1 + 12^2 + 12^2 + 13^2 = 24 + 81 + 122 + 122 + 132 & 481 &:= 3^4 + 4^2 + 9^2 + 14^1 + 17^2 = 34 + 42 + 92 + 141 + 172 \\
 481 &:= 2^4 + 8^2 + 9^1 + 14^2 + 14^2 = 24 + 82 + 91 + 142 + 142 & 481 &:= 3^4 + 4^4 + 7^0 + 11^2 + 22^1 = 34 + 44 + 70 + 112 + 221 \\
 481 &:= 2^4 + 9^1 + 10^2 + 10^2 + 16^2 = 24 + 91 + 102 + 102 + 162 & 481 &:= 3^4 + 5^1 + 5^2 + 7^3 + 27^1 = 34 + 51 + 52 + 73 + 271 \\
 481 &:= 2^5 + 3^1 + 12^2 + 13^1 + 17^2 = 25 + 31 + 122 + 131 + 172 & 481 &:= 3^4 + 5^2 + 6^1 + 7^3 + 26^1 = 34 + 52 + 61 + 73 + 261 \\
 481 &:= 2^5 + 4^1 + 12^1 + 12^2 + 17^2 = 25 + 41 + 121 + 122 + 172 & 481 &:= 3^4 + 5^2 + 6^2 + 15^1 + 18^2 = 34 + 52 + 62 + 151 + 182 \\
 481 &:= 2^5 + 5^0 + 7^3 + 9^2 + 24^1 = 25 + 50 + 73 + 92 + 241 & 481 &:= 3^4 + 5^2 + 7^1 + 7^3 + 25^1 = 34 + 52 + 71 + 73 + 251 \\
 481 &:= 2^5 + 5^1 + 11^1 + 12^2 + 17^2 = 25 + 51 + 111 + 122 + 172 & 481 &:= 3^4 + 5^2 + 7^3 + 10^1 + 22^1 = 34 + 52 + 73 + 101 + 221 \\
 481 &:= 2^5 + 5^1 + 7^3 + 10^2 + 23^0 = 25 + 51 + 73 + 102 + 230 & 481 &:= 3^4 + 5^2 + 7^3 + 11^1 + 21^1 = 34 + 52 + 73 + 111 + 211 \\
 481 &:= 2^5 + 6^1 + 10^1 + 12^2 + 17^2 = 25 + 61 + 101 + 122 + 172 & 481 &:= 3^4 + 5^2 + 7^3 + 12^1 + 20^1 = 34 + 52 + 73 + 121 + 201 \\
 481 &:= 2^5 + 6^3 + 7^1 + 15^2 + 17^0 = 25 + 63 + 71 + 152 + 170 & 481 &:= 3^4 + 5^2 + 7^3 + 13^1 + 19^1 = 34 + 52 + 73 + 131 + 191 \\
 481 &:= 2^5 + 7^1 + 9^1 + 12^2 + 17^2 = 25 + 71 + 91 + 122 + 172 & 481 &:= 3^4 + 5^2 + 7^3 + 14^1 + 18^1 = 34 + 52 + 73 + 141 + 181 \\
 481 &:= 2^5 + 8^1 + 8^1 + 12^2 + 17^2 = 25 + 81 + 81 + 122 + 172 & 481 &:= 3^4 + 5^2 + 7^3 + 15^1 + 17^1 = 34 + 52 + 73 + 151 + 171 \\
 481 &:= 2^6 + 3^2 + 7^1 + 15^0 + 20^2 = 26 + 32 + 71 + 150 + 202 & 481 &:= 3^4 + 5^2 + 7^3 + 16^1 + 16^1 = 34 + 52 + 73 + 161 + 161 \\
 481 &:= 2^6 + 6^1 + 11^0 + 11^2 + 17^2 = 26 + 61 + 110 + 112 + 172 & 481 &:= 3^4 + 5^2 + 7^3 + 8^1 + 24^1 = 34 + 52 + 73 + 81 + 241 \\
 481 &:= 2^6 + 6^1 + 7^2 + 13^0 + 19^2 = 26 + 61 + 72 + 130 + 192 & 481 &:= 3^4 + 5^2 + 7^3 + 9^1 + 23^1 = 34 + 52 + 73 + 91 + 231 \\
 481 &:= 2^6 + 7^0 + 9^2 + 11^1 + 18^2 = 26 + 70 + 92 + 111 + 182 & 481 &:= 3^4 + 5^3 + 7^2 + 15^2 + 17^0 = 34 + 53 + 72 + 152 + 170 \\
 481 &:= 2^7 + 3^0 + 7^3 + 8^1 + 27^0 = 27 + 30 + 73 + 81 + 270 & 481 &:= 3^4 + 7^2 + 11^1 + 12^2 + 14^2 = 34 + 72 + 111 + 122 + 142 \\
 481 &:= 2^7 + 4^0 + 7^3 + 8^1 + 26^0 = 27 + 40 + 73 + 81 + 260 & 481 &:= 3^4 + 7^2 + 7^2 + 13^1 + 17^2 = 34 + 72 + 72 + 131 + 172
 \end{aligned}$$

$$\begin{aligned}
 481 &:= 3^4 + 8^2 + 10^2 + 11^1 + 15^2 = 34 + 82 + 102 + 111 + 152 \\
 481 &:= 3^5 + 4^1 + 4^2 + 14^2 + 22^1 = 35 + 41 + 42 + 142 + 221 \\
 481 &:= 3^5 + 4^1 + 4^3 + 13^2 + 23^0 = 35 + 41 + 43 + 132 + 230 \\
 481 &:= 3^5 + 4^2 + 10^1 + 14^2 + 16^1 = 35 + 42 + 101 + 142 + 161 \\
 481 &:= 3^5 + 4^2 + 10^2 + 11^2 + 19^0 = 35 + 42 + 102 + 112 + 190 \\
 481 &:= 3^5 + 4^2 + 11^1 + 14^2 + 15^1 = 35 + 42 + 111 + 142 + 151 \\
 481 &:= 3^5 + 4^2 + 12^1 + 14^1 + 14^2 = 35 + 42 + 121 + 141 + 142 \\
 481 &:= 3^5 + 4^2 + 13^1 + 13^1 + 14^2 = 35 + 42 + 131 + 131 + 142 \\
 481 &:= 3^5 + 4^2 + 5^1 + 14^2 + 21^1 = 35 + 42 + 51 + 142 + 211 \\
 481 &:= 3^5 + 4^2 + 5^2 + 14^2 + 21^0 = 35 + 42 + 52 + 142 + 210 \\
 481 &:= 3^5 + 4^2 + 6^1 + 14^2 + 20^1 = 35 + 42 + 61 + 142 + 201 \\
 481 &:= 3^5 + 4^2 + 7^1 + 14^2 + 19^1 = 35 + 42 + 71 + 142 + 191
 \end{aligned}$$

$$\begin{aligned}
 481 &:= 3^5 + 4^2 + 8^1 + 14^2 + 18^1 = 35 + 42 + 81 + 142 + 181 \\
 481 &:= 3^5 + 4^2 + 9^1 + 14^2 + 17^1 = 35 + 42 + 91 + 142 + 171 \\
 481 &:= 3^5 + 5^3 + 10^2 + 12^1 + 17^0 = 35 + 53 + 102 + 121 + 170 \\
 481 &:= 4^2 + 4^3 + 4^4 + 12^2 + 23^0 = 42 + 43 + 44 + 122 + 230 \\
 481 &:= 4^2 + 5^3 + 5^3 + 14^2 + 19^1 = 42 + 53 + 53 + 142 + 191 \\
 481 &:= 4^3 + 4^3 + 12^2 + 13^1 + 14^2 = 43 + 43 + 122 + 131 + 142 \\
 481 &:= 4^3 + 4^3 + 7^2 + 15^1 + 17^2 = 43 + 43 + 72 + 151 + 172 \\
 481 &:= 4^3 + 5^3 + 9^2 + 14^2 + 15^1 = 43 + 53 + 92 + 142 + 151 \\
 481 &:= 4^4 + 5^2 + 6^2 + 12^2 + 20^1 = 44 + 52 + 62 + 122 + 201 \\
 481 &:= 4^4 + 5^2 + 9^2 + 10^2 + 19^1 = 44 + 52 + 92 + 102 + 191 \\
 481 &:= 4^4 + 6^2 + 7^2 + 11^2 + 19^1 = 44 + 62 + 72 + 112 + 191
 \end{aligned}$$

2.2.383 Number 482

$$\begin{aligned}
 482 &:= 2^7 + 4^3 + 17^2 + 24^0 = 27 + 43 + 172 + 240 \\
 482 &:= 2^8 + 6^3 + 9^1 + 30^0 = 28 + 63 + 91 + 300 \\
 482 &:= 2^8 + 9^2 + 12^2 + 24^0 = 28 + 92 + 122 + 240 \\
 482 &:= 1^0 + 2^4 + 2^6 + 20^2 + 22^0 = 10 + 24 + 26 + 202 + 220 \\
 482 &:= 1^2 + 2^6 + 4^2 + 20^0 + 20^2 = 12 + 26 + 42 + 200 + 202 \\
 482 &:= 1^3 + 2^4 + 4^3 + 20^0 + 20^2 = 13 + 24 + 43 + 200 + 202 \\
 482 &:= 1^3 + 2^4 + 7^3 + 11^2 + 26^0 = 13 + 24 + 73 + 112 + 260 \\
 482 &:= 1^3 + 2^6 + 8^0 + 16^1 + 20^2 = 13 + 26 + 80 + 161 + 202 \\
 482 &:= 1^3 + 3^5 + 6^3 + 16^0 + 21^1 = 13 + 35 + 63 + 160 + 211 \\
 482 &:= 1^4 + 2^3 + 6^3 + 16^2 + 22^0 = 14 + 23 + 63 + 162 + 220 \\
 482 &:= 1^4 + 2^4 + 8^2 + 16^0 + 20^2 = 14 + 24 + 82 + 160 + 202 \\
 482 &:= 1^4 + 2^5 + 7^1 + 16^0 + 21^2 = 14 + 25 + 71 + 160 + 212 \\
 482 &:= 1^4 + 3^5 + 12^1 + 15^2 + 16^0 = 14 + 35 + 121 + 152 + 160 \\
 482 &:= 1^5 + 4^2 + 4^3 + 18^0 + 20^2 = 15 + 42 + 43 + 180 + 202 \\
 482 &:= 1^5 + 4^2 + 7^3 + 11^2 + 24^0 = 15 + 42 + 73 + 112 + 240 \\
 482 &:= 1^5 + 5^3 + 7^3 + 12^1 + 22^0 = 15 + 53 + 73 + 121 + 220 \\
 482 &:= 1^6 + 3^3 + 10^0 + 12^1 + 21^2 = 16 + 33 + 100 + 121 + 212 \\
 482 &:= 1^6 + 4^2 + 8^2 + 14^0 + 20^2 = 16 + 42 + 82 + 140 + 202 \\
 482 &:= 1^6 + 4^3 + 6^0 + 16^1 + 20^2 = 16 + 43 + 60 + 161 + 202 \\
 482 &:= 1^6 + 6^3 + 8^1 + 16^0 + 16^2 = 16 + 63 + 81 + 160 + 162 \\
 482 &:= 1^6 + 7^3 + 11^2 + 12^0 + 16^1 = 16 + 73 + 112 + 120 + 161 \\
 482 &:= 1^7 + 2^0 + 8^2 + 16^1 + 20^2 = 17 + 20 + 82 + 161 + 202 \\
 482 &:= 1^7 + 3^1 + 6^2 + 16^0 + 21^2 = 17 + 31 + 62 + 160 + 212
 \end{aligned}$$

$$\begin{aligned}
 482 &:= 1^7 + 4^0 + 12^1 + 12^2 + 18^2 = 17 + 40 + 121 + 122 + 182 \\
 482 &:= 1^7 + 5^2 + 6^0 + 14^1 + 21^2 = 17 + 52 + 60 + 141 + 212 \\
 482 &:= 1^8 + 1^9 + 8^2 + 16^1 + 20^2 = 18 + 19 + 82 + 161 + 202 \\
 482 &:= 1^9 + 2^8 + 9^2 + 11^2 + 23^1 = 19 + 28 + 92 + 112 + 231 \\
 482 &:= 2^0 + 2^1 + 2^8 + 14^2 + 27^1 = 20 + 21 + 28 + 142 + 271 \\
 482 &:= 2^0 + 2^4 + 2^6 + 20^2 + 21^0 = 20 + 24 + 26 + 202 + 210 \\
 482 &:= 2^0 + 2^4 + 3^5 + 14^2 + 26^1 = 20 + 24 + 35 + 142 + 261 \\
 482 &:= 2^0 + 2^8 + 10^1 + 14^2 + 19^1 = 20 + 28 + 101 + 142 + 191 \\
 482 &:= 2^0 + 2^8 + 11^1 + 14^2 + 18^1 = 20 + 28 + 111 + 142 + 181 \\
 482 &:= 2^0 + 2^8 + 12^1 + 14^2 + 17^1 = 20 + 28 + 121 + 142 + 171 \\
 482 &:= 2^0 + 2^8 + 13^1 + 14^2 + 16^1 = 20 + 28 + 131 + 142 + 161 \\
 482 &:= 2^0 + 2^8 + 14^1 + 14^2 + 15^1 = 20 + 28 + 141 + 142 + 151 \\
 482 &:= 2^0 + 2^8 + 3^1 + 14^2 + 26^1 = 20 + 28 + 31 + 142 + 261 \\
 482 &:= 2^0 + 2^8 + 4^1 + 14^2 + 25^1 = 20 + 28 + 41 + 142 + 251 \\
 482 &:= 2^0 + 2^8 + 5^1 + 14^2 + 24^1 = 20 + 28 + 51 + 142 + 241 \\
 482 &:= 2^0 + 2^8 + 6^1 + 14^2 + 23^1 = 20 + 28 + 61 + 142 + 231 \\
 482 &:= 2^0 + 2^8 + 7^1 + 14^2 + 22^1 = 20 + 28 + 71 + 142 + 221 \\
 482 &:= 2^0 + 2^8 + 8^1 + 14^2 + 21^1 = 20 + 28 + 81 + 142 + 211 \\
 482 &:= 2^0 + 2^8 + 9^1 + 14^2 + 20^1 = 20 + 28 + 91 + 142 + 201 \\
 482 &:= 2^3 + 2^6 + 9^1 + 14^0 + 20^2 = 23 + 26 + 91 + 140 + 202 \\
 482 &:= 2^3 + 3^5 + 6^3 + 14^1 + 22^0 = 23 + 35 + 63 + 141 + 220 \\
 482 &:= 2^4 + 2^4 + 7^2 + 16^0 + 20^2 = 24 + 24 + 72 + 160 + 202 \\
 482 &:= 2^4 + 2^6 + 10^0 + 13^0 + 20^2 = 24 + 26 + 100 + 130 + 202
 \end{aligned}$$

$482 := 2^4 + 2^6 + 11^0 + 12^0 + 20^2 = 24 + 26 + 110 + 120 + 202$	$482 := 2^7 + 3^2 + 7^3 + 16^0 + 19^0 = 27 + 32 + 73 + 160 + 190$
$482 := 2^4 + 2^6 + 3^0 + 20^0 + 20^2 = 24 + 26 + 30 + 200 + 202$	$482 := 2^7 + 3^2 + 7^3 + 17^0 + 18^0 = 27 + 32 + 73 + 170 + 180$
$482 := 2^4 + 2^6 + 4^0 + 19^0 + 20^2 = 24 + 26 + 40 + 190 + 202$	$482 := 2^7 + 3^2 + 7^3 + 8^0 + 27^0 = 27 + 32 + 73 + 80 + 270$
$482 := 2^4 + 2^6 + 5^0 + 18^0 + 20^2 = 24 + 26 + 50 + 180 + 202$	$482 := 2^7 + 3^2 + 7^3 + 9^0 + 26^0 = 27 + 32 + 73 + 90 + 260$
$482 := 2^4 + 2^6 + 6^0 + 17^0 + 20^2 = 24 + 26 + 60 + 170 + 202$	$482 := 2^7 + 4^0 + 13^2 + 13^2 + 15^1 = 27 + 40 + 132 + 132 + 151$
$482 := 2^4 + 2^6 + 7^0 + 16^0 + 20^2 = 24 + 26 + 70 + 160 + 202$	$482 := 2^7 + 4^0 + 9^2 + 16^1 + 16^2 = 27 + 40 + 92 + 161 + 162$
$482 := 2^4 + 2^6 + 8^0 + 15^0 + 20^2 = 24 + 26 + 80 + 150 + 202$	$482 := 2^7 + 4^1 + 5^2 + 18^0 + 18^2 = 27 + 41 + 52 + 180 + 182$
$482 := 2^4 + 2^6 + 9^0 + 14^0 + 20^2 = 24 + 26 + 90 + 140 + 202$	$482 := 2^7 + 4^2 + 10^0 + 13^1 + 18^2 = 27 + 42 + 100 + 131 + 182$
$482 := 2^5 + 3^4 + 7^1 + 16^0 + 19^2 = 25 + 34 + 71 + 160 + 192$	$482 := 2^7 + 6^0 + 12^2 + 13^1 + 14^2 = 27 + 60 + 122 + 131 + 142$
$482 := 2^5 + 4^0 + 4^4 + 13^2 + 24^1 = 25 + 40 + 44 + 132 + 241$	$482 := 2^7 + 6^0 + 7^2 + 15^1 + 17^2 = 27 + 60 + 72 + 151 + 172$
$482 := 2^5 + 5^2 + 7^3 + 9^2 + 24^0 = 25 + 52 + 73 + 92 + 240$	$482 := 2^7 + 7^1 + 11^2 + 12^0 + 15^2 = 27 + 71 + 112 + 120 + 152$
$482 := 2^5 + 6^3 + 6^3 + 16^0 + 17^1 = 25 + 63 + 63 + 160 + 171$	$482 := 2^8 + 4^0 + 6^3 + 8^1 + 27^0 = 28 + 40 + 63 + 81 + 270$
$482 := 2^5 + 6^3 + 8^2 + 13^2 + 18^0 = 25 + 63 + 82 + 132 + 180$	$482 := 2^8 + 5^0 + 6^3 + 8^1 + 26^0 = 28 + 50 + 63 + 81 + 260$
$482 := 2^6 + 10^0 + 10^2 + 11^2 + 14^2 = 26 + 100 + 102 + 112 + 142$	$482 := 2^8 + 6^0 + 6^3 + 8^1 + 25^0 = 28 + 60 + 63 + 81 + 250$
$482 := 2^6 + 3^1 + 5^3 + 17^2 + 20^0 = 26 + 31 + 53 + 172 + 200$	$482 := 2^8 + 6^3 + 7^0 + 8^1 + 24^0 = 28 + 63 + 70 + 81 + 240$
$482 := 2^6 + 5^1 + 6^3 + 14^2 + 20^0 = 26 + 51 + 63 + 142 + 200$	$482 := 2^8 + 6^3 + 8^0 + 8^1 + 23^0 = 28 + 63 + 80 + 81 + 230$
$482 := 2^6 + 5^2 + 12^0 + 14^2 + 14^2 = 26 + 52 + 120 + 142 + 142$	$482 := 2^8 + 6^3 + 8^1 + 10^0 + 21^0 = 28 + 63 + 81 + 100 + 210$
$482 := 2^6 + 6^0 + 7^2 + 7^3 + 25^1 = 26 + 60 + 72 + 73 + 251$	$482 := 2^8 + 6^3 + 8^1 + 11^0 + 20^0 = 28 + 63 + 81 + 110 + 200$
$482 := 2^6 + 7^3 + 8^2 + 10^1 + 20^0 = 26 + 73 + 82 + 101 + 200$	$482 := 2^8 + 6^3 + 8^1 + 12^0 + 19^0 = 28 + 63 + 81 + 120 + 190$
$482 := 2^6 + 8^2 + 8^2 + 12^0 + 17^2 = 26 + 82 + 82 + 120 + 172$	$482 := 2^8 + 6^3 + 8^1 + 13^0 + 18^0 = 28 + 63 + 81 + 130 + 180$
$482 := 2^7 + 3^2 + 4^0 + 18^2 + 20^1 = 27 + 32 + 40 + 182 + 201$	$482 := 2^8 + 6^3 + 8^1 + 14^0 + 17^0 = 28 + 63 + 81 + 140 + 170$
$482 := 2^7 + 3^2 + 7^3 + 10^0 + 25^0 = 27 + 32 + 73 + 100 + 250$	$482 := 2^8 + 6^3 + 8^1 + 15^0 + 16^0 = 28 + 63 + 81 + 150 + 160$
$482 := 2^7 + 3^2 + 7^3 + 11^0 + 24^0 = 27 + 32 + 73 + 110 + 240$	$482 := 2^8 + 6^3 + 8^1 + 9^0 + 22^0 = 28 + 63 + 81 + 90 + 220$
$482 := 2^7 + 3^2 + 7^3 + 12^0 + 23^0 = 27 + 32 + 73 + 120 + 230$	$482 := 3^4 + 3^5 + 12^2 + 13^1 + 16^0 = 34 + 35 + 122 + 131 + 160$
$482 := 2^7 + 3^2 + 7^3 + 13^0 + 22^0 = 27 + 32 + 73 + 130 + 220$	$482 := 3^4 + 4^4 + 5^3 + 16^0 + 19^1 = 34 + 44 + 53 + 160 + 191$
$482 := 2^7 + 3^2 + 7^3 + 14^0 + 21^0 = 27 + 32 + 73 + 140 + 210$	$482 := 3^5 + 5^3 + 7^2 + 8^2 + 24^0 = 35 + 53 + 72 + 82 + 240$
$482 := 2^7 + 3^2 + 7^3 + 15^0 + 20^0 = 27 + 32 + 73 + 150 + 200$	

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$483 := 1^2 + 2^8 + 14^2 + 30^1 = 12 + 28 + 142 + 301$	$483 := 1^0 + 1^8 + 8^2 + 17^1 + 20^2 = 10 + 18 + 82 + 171 + 202$
$483 := 1^3 + 2^8 + 15^2 + 29^0 = 13 + 28 + 152 + 290$	$483 := 1^0 + 2^8 + 9^2 + 11^2 + 24^1 = 10 + 28 + 92 + 112 + 241$
$483 := 1^7 + 3^4 + 20^2 + 23^0 = 17 + 34 + 202 + 230$	$483 := 1^1 + 1^7 + 8^2 + 17^1 + 20^2 = 11 + 17 + 82 + 171 + 202$
$483 := 1^7 + 4^4 + 15^2 + 27^0 = 17 + 44 + 152 + 270$	$483 := 1^1 + 2^4 + 3^5 + 14^2 + 27^1 = 11 + 24 + 35 + 142 + 271$
$483 := 1^8 + 8^2 + 18^1 + 20^2 = 18 + 82 + 181 + 202$	$483 := 1^1 + 2^7 + 4^3 + 17^2 + 23^0 = 11 + 27 + 43 + 172 + 230$
$483 := 1^9 + 15^0 + 15^2 + 16^2 = 19 + 150 + 152 + 162$	$483 := 1^1 + 2^8 + 10^1 + 14^2 + 20^1 = 11 + 28 + 101 + 142 + 201$
$483 := 1^9 + 9^2 + 17^0 + 20^2 = 19 + 92 + 170 + 202$	$483 := 1^1 + 2^8 + 11^1 + 14^2 + 19^1 = 11 + 28 + 111 + 142 + 191$
$483 := 2^8 + 9^2 + 11^2 + 25^1 = 28 + 92 + 112 + 251$	$483 := 1^1 + 2^8 + 12^1 + 14^2 + 18^1 = 11 + 28 + 121 + 142 + 181$

$$\begin{aligned}
 483 &:= 1^1 + 2^8 + 13^1 + 14^2 + 17^1 = 11 + 28 + 131 + 142 + 171 & 483 &:= 1^6 + 9^1 + 9^2 + 14^2 + 14^2 = 16 + 91 + 92 + 142 + 142 \\
 483 &:= 1^1 + 2^8 + 14^1 + 14^2 + 16^1 = 11 + 28 + 141 + 142 + 161 & 483 &:= 1^7 + 2^1 + 8^2 + 16^1 + 20^2 = 17 + 21 + 82 + 161 + 202 \\
 483 &:= 1^1 + 2^8 + 14^2 + 15^1 + 15^1 = 11 + 28 + 142 + 151 + 151 & 483 &:= 1^7 + 2^2 + 6^2 + 17^0 + 21^2 = 17 + 22 + 62 + 170 + 212 \\
 483 &:= 1^1 + 2^8 + 3^1 + 14^2 + 27^1 = 11 + 28 + 31 + 142 + 271 & 483 &:= 1^7 + 2^7 + 2^7 + 15^2 + 26^0 = 17 + 27 + 27 + 152 + 260 \\
 483 &:= 1^1 + 2^8 + 4^1 + 14^2 + 26^1 = 11 + 28 + 41 + 142 + 261 & 483 &:= 1^7 + 3^1 + 8^2 + 15^1 + 20^2 = 17 + 31 + 82 + 151 + 202 \\
 483 &:= 1^1 + 2^8 + 5^1 + 14^2 + 25^1 = 11 + 28 + 51 + 142 + 251 & 483 &:= 1^7 + 3^3 + 9^0 + 13^1 + 21^2 = 17 + 33 + 90 + 131 + 212 \\
 483 &:= 1^1 + 2^8 + 6^1 + 14^2 + 24^1 = 11 + 28 + 61 + 142 + 241 & 483 &:= 1^7 + 4^1 + 8^2 + 14^1 + 20^2 = 17 + 41 + 82 + 141 + 202 \\
 483 &:= 1^1 + 2^8 + 7^1 + 14^2 + 23^1 = 11 + 28 + 71 + 142 + 231 & 483 &:= 1^7 + 4^3 + 5^0 + 17^1 + 20^2 = 17 + 43 + 50 + 171 + 202 \\
 483 &:= 1^1 + 2^8 + 8^1 + 14^2 + 22^1 = 11 + 28 + 81 + 142 + 221 & 483 &:= 1^7 + 5^1 + 8^2 + 13^1 + 20^2 = 17 + 51 + 82 + 131 + 202 \\
 483 &:= 1^1 + 2^8 + 9^1 + 14^2 + 21^1 = 11 + 28 + 91 + 142 + 211 & 483 &:= 1^7 + 6^1 + 8^2 + 12^1 + 20^2 = 17 + 61 + 82 + 121 + 202 \\
 483 &:= 1^1 + 2^8 + 9^2 + 12^2 + 23^0 = 11 + 28 + 92 + 122 + 230 & 483 &:= 1^7 + 6^2 + 11^0 + 11^2 + 18^2 = 17 + 62 + 110 + 112 + 182 \\
 483 &:= 1^2 + 1^6 + 8^2 + 17^1 + 20^2 = 12 + 16 + 82 + 171 + 202 & 483 &:= 1^7 + 6^3 + 9^1 + 15^0 + 16^2 = 17 + 63 + 91 + 150 + 162 \\
 483 &:= 1^2 + 2^7 + 7^3 + 10^1 + 27^0 = 12 + 27 + 73 + 101 + 270 & 483 &:= 1^7 + 7^1 + 8^2 + 11^1 + 20^2 = 17 + 71 + 82 + 111 + 202 \\
 483 &:= 1^2 + 2^7 + 8^2 + 17^2 + 19^0 = 12 + 27 + 82 + 172 + 190 & 483 &:= 1^7 + 7^3 + 11^0 + 11^2 + 17^1 = 17 + 73 + 110 + 112 + 171 \\
 483 &:= 1^3 + 1^5 + 8^2 + 17^1 + 20^2 = 13 + 15 + 82 + 171 + 202 & 483 &:= 1^7 + 8^1 + 8^2 + 10^1 + 20^2 = 17 + 81 + 82 + 101 + 202 \\
 483 &:= 1^3 + 2^3 + 2^5 + 21^0 + 21^2 = 13 + 23 + 25 + 210 + 212 & 483 &:= 1^7 + 8^2 + 9^1 + 9^1 + 20^2 = 17 + 82 + 91 + 91 + 202 \\
 483 &:= 1^3 + 2^5 + 5^3 + 18^2 + 21^0 = 13 + 25 + 53 + 182 + 210 & 483 &:= 1^7 + 9^0 + 9^2 + 12^2 + 16^2 = 17 + 90 + 92 + 122 + 162 \\
 483 &:= 1^3 + 3^4 + 4^4 + 12^2 + 27^0 = 13 + 34 + 44 + 122 + 270 & 483 &:= 1^8 + 2^6 + 2^7 + 17^2 + 24^0 = 18 + 26 + 27 + 172 + 240 \\
 483 &:= 1^4 + 1^4 + 8^2 + 17^1 + 20^2 = 14 + 14 + 82 + 171 + 202 & 483 &:= 1^8 + 3^0 + 12^2 + 13^1 + 18^2 = 18 + 30 + 122 + 131 + 182 \\
 483 &:= 1^4 + 2^2 + 2^4 + 21^1 + 21^2 = 14 + 22 + 24 + 211 + 212 & 483 &:= 1^8 + 4^1 + 6^2 + 15^0 + 21^2 = 18 + 41 + 62 + 150 + 212 \\
 483 &:= 1^4 + 2^2 + 4^4 + 14^2 + 26^1 = 14 + 22 + 44 + 142 + 261 & 483 &:= 1^8 + 5^0 + 5^2 + 15^1 + 21^2 = 18 + 50 + 52 + 151 + 212 \\
 483 &:= 1^4 + 2^4 + 14^1 + 14^2 + 16^2 = 14 + 24 + 141 + 142 + 162 & 483 &:= 2^1 + 2^1 + 2^8 + 14^2 + 27^1 = 21 + 21 + 28 + 142 + 271 \\
 483 &:= 1^4 + 2^4 + 7^2 + 17^1 + 20^2 = 14 + 24 + 72 + 171 + 202 & 483 &:= 2^1 + 2^4 + 2^6 + 20^2 + 21^0 = 21 + 24 + 26 + 202 + 210 \\
 483 &:= 1^4 + 2^5 + 7^2 + 17^0 + 20^2 = 14 + 25 + 72 + 170 + 202 & 483 &:= 2^1 + 2^4 + 3^5 + 14^2 + 26^1 = 21 + 24 + 35 + 142 + 261 \\
 483 &:= 1^4 + 2^6 + 7^0 + 17^1 + 20^2 = 14 + 26 + 70 + 171 + 202 & 483 &:= 2^1 + 2^8 + 10^1 + 14^2 + 19^1 = 21 + 28 + 101 + 142 + 191 \\
 483 &:= 1^4 + 3^5 + 6^3 + 15^0 + 22^1 = 14 + 35 + 63 + 150 + 221 & 483 &:= 2^1 + 2^8 + 11^1 + 14^2 + 18^1 = 21 + 28 + 111 + 142 + 181 \\
 483 &:= 1^4 + 4^4 + 5^3 + 10^2 + 27^0 = 14 + 44 + 53 + 102 + 270 & 483 &:= 2^1 + 2^8 + 12^1 + 14^2 + 17^1 = 21 + 28 + 121 + 142 + 171 \\
 483 &:= 1^5 + 2^5 + 8^1 + 15^0 + 21^2 = 15 + 25 + 81 + 150 + 212 & 483 &:= 2^1 + 2^8 + 13^1 + 14^2 + 16^1 = 21 + 28 + 131 + 142 + 161 \\
 483 &:= 1^5 + 3^4 + 12^2 + 15^0 + 16^2 = 15 + 34 + 122 + 150 + 162 & 483 &:= 2^1 + 2^8 + 14^1 + 14^2 + 15^1 = 21 + 28 + 141 + 142 + 151 \\
 483 &:= 1^5 + 3^5 + 13^1 + 15^0 + 15^2 = 15 + 35 + 131 + 150 + 152 & 483 &:= 2^1 + 2^8 + 3^1 + 14^2 + 26^1 = 21 + 28 + 31 + 142 + 261 \\
 483 &:= 1^5 + 4^4 + 6^3 + 9^1 + 27^0 = 15 + 44 + 63 + 91 + 270 & 483 &:= 2^1 + 2^8 + 4^1 + 14^2 + 25^1 = 21 + 28 + 41 + 142 + 251 \\
 483 &:= 1^5 + 4^4 + 9^2 + 12^2 + 21^0 = 15 + 44 + 92 + 122 + 210 & 483 &:= 2^1 + 2^8 + 5^1 + 14^2 + 24^1 = 21 + 28 + 51 + 142 + 241 \\
 483 &:= 1^5 + 6^3 + 6^3 + 7^2 + 27^0 = 15 + 63 + 63 + 72 + 270 & 483 &:= 2^1 + 2^8 + 6^1 + 14^2 + 23^1 = 21 + 28 + 61 + 142 + 231 \\
 483 &:= 1^6 + 3^2 + 6^3 + 16^2 + 21^0 = 16 + 32 + 63 + 162 + 210 & 483 &:= 2^1 + 2^8 + 7^1 + 14^2 + 22^1 = 21 + 28 + 71 + 142 + 221 \\
 483 &:= 1^6 + 5^2 + 11^2 + 12^1 + 18^2 = 16 + 52 + 112 + 121 + 182 & 483 &:= 2^1 + 2^8 + 8^1 + 14^2 + 21^1 = 21 + 28 + 81 + 142 + 211 \\
 483 &:= 1^6 + 5^3 + 10^2 + 15^0 + 16^2 = 16 + 53 + 102 + 150 + 162 & 483 &:= 2^1 + 2^8 + 9^1 + 14^2 + 20^1 = 21 + 28 + 91 + 142 + 201 \\
 483 &:= 1^6 + 5^3 + 7^3 + 13^1 + 21^0 = 16 + 53 + 73 + 131 + 210 & 483 &:= 2^2 + 2^4 + 3^4 + 19^2 + 21^1 = 22 + 24 + 34 + 192 + 211 \\
 483 &:= 1^6 + 6^3 + 11^2 + 12^2 + 17^0 = 16 + 63 + 112 + 122 + 170 & 483 &:= 2^2 + 2^5 + 3^3 + 20^1 + 20^2 = 22 + 25 + 33 + 201 + 202
 \end{aligned}$$

$$\begin{aligned} 483 &:= 2^2 + 2^6 + 12^2 + 15^1 + 16^2 = 22 + 26 + 122 + 151 + 162 & 483 &:= 2^7 + 3^1 + 3^3 + 18^2 + 21^0 = 27 + 31 + 33 + 182 + 210 \\ 483 &:= 2^2 + 2^6 + 5^3 + 17^2 + 21^0 = 22 + 26 + 53 + 172 + 210 & 483 &:= 2^7 + 4^1 + 5^3 + 15^2 + 21^0 = 27 + 41 + 53 + 152 + 210 \\ 483 &:= 2^2 + 2^6 + 6^2 + 18^1 + 19^2 = 22 + 26 + 62 + 181 + 192 & 483 &:= 2^7 + 4^2 + 13^2 + 13^2 + 15^0 = 27 + 42 + 132 + 132 + 150 \\ 483 &:= 2^2 + 2^8 + 3^0 + 14^2 + 26^1 = 22 + 28 + 30 + 142 + 261 & 483 &:= 2^7 + 4^2 + 7^2 + 17^0 + 17^2 = 27 + 42 + 72 + 170 + 172 \\ 483 &:= 2^3 + 2^5 + 5^2 + 18^1 + 20^2 = 23 + 25 + 52 + 181 + 202 & 483 &:= 2^7 + 6^3 + 11^0 + 11^2 + 17^1 = 27 + 63 + 110 + 112 + 171 \\ 483 &:= 2^3 + 2^6 + 11^2 + 15^0 + 17^2 = 23 + 26 + 112 + 150 + 172 & 483 &:= 2^7 + 7^2 + 7^2 + 15^0 + 16^2 = 27 + 72 + 72 + 150 + 162 \\ 483 &:= 2^3 + 2^6 + 7^2 + 17^0 + 19^2 = 23 + 26 + 72 + 170 + 192 & 483 &:= 2^7 + 8^2 + 11^2 + 13^0 + 13^2 = 27 + 82 + 112 + 130 + 132 \\ 483 &:= 2^3 + 2^7 + 3^0 + 18^2 + 22^1 = 23 + 27 + 30 + 182 + 221 & 483 &:= 2^8 + 10^1 + 10^1 + 11^1 + 14^2 = 28 + 101 + 101 + 111 + 142 \\ 483 &:= 2^4 + 3^1 + 3^5 + 14^2 + 25^1 = 24 + 31 + 35 + 142 + 251 & 483 &:= 2^8 + 3^0 + 5^3 + 10^2 + 27^0 = 28 + 30 + 53 + 102 + 270 \\ 483 &:= 2^4 + 3^4 + 6^3 + 13^2 + 23^0 = 24 + 34 + 63 + 132 + 230 & 483 &:= 2^8 + 3^1 + 10^1 + 14^2 + 18^1 = 28 + 31 + 101 + 142 + 181 \\ 483 &:= 2^4 + 3^4 + 9^2 + 16^1 + 17^2 = 24 + 34 + 92 + 161 + 172 & 483 &:= 2^8 + 3^1 + 11^1 + 14^2 + 17^1 = 28 + 31 + 111 + 142 + 171 \\ 483 &:= 2^4 + 3^5 + 10^1 + 14^2 + 18^1 = 24 + 35 + 101 + 142 + 181 & 483 &:= 2^8 + 3^1 + 12^1 + 14^2 + 16^1 = 28 + 31 + 121 + 142 + 161 \\ 483 &:= 2^4 + 3^5 + 11^1 + 14^2 + 17^1 = 24 + 35 + 111 + 142 + 171 & 483 &:= 2^8 + 3^1 + 13^1 + 14^2 + 15^1 = 28 + 31 + 131 + 142 + 151 \\ 483 &:= 2^4 + 3^5 + 12^1 + 14^2 + 16^1 = 24 + 35 + 121 + 142 + 161 & 483 &:= 2^8 + 3^1 + 14^1 + 14^1 + 14^2 = 28 + 31 + 141 + 141 + 142 \\ 483 &:= 2^4 + 3^5 + 13^1 + 14^2 + 15^1 = 24 + 35 + 131 + 142 + 151 & 483 &:= 2^8 + 3^1 + 3^1 + 14^2 + 25^1 = 28 + 31 + 31 + 142 + 251 \\ 483 &:= 2^4 + 3^5 + 14^1 + 14^1 + 14^2 = 24 + 35 + 141 + 141 + 142 & 483 &:= 2^8 + 3^1 + 4^1 + 14^2 + 24^1 = 28 + 31 + 41 + 142 + 241 \\ 483 &:= 2^4 + 3^5 + 4^1 + 14^2 + 24^1 = 24 + 35 + 41 + 142 + 241 & 483 &:= 2^8 + 3^1 + 5^1 + 14^2 + 23^1 = 28 + 31 + 51 + 142 + 231 \\ 483 &:= 2^4 + 3^5 + 5^1 + 14^2 + 23^1 = 24 + 35 + 51 + 142 + 231 & 483 &:= 2^8 + 3^1 + 6^1 + 14^2 + 22^1 = 28 + 31 + 61 + 142 + 221 \\ 483 &:= 2^4 + 3^5 + 6^1 + 14^2 + 22^1 = 24 + 35 + 61 + 142 + 221 & 483 &:= 2^8 + 3^1 + 7^1 + 14^2 + 21^1 = 28 + 31 + 71 + 142 + 211 \\ 483 &:= 2^4 + 3^5 + 7^1 + 14^2 + 21^1 = 24 + 35 + 71 + 142 + 211 & 483 &:= 2^8 + 3^1 + 8^1 + 14^2 + 20^1 = 28 + 31 + 81 + 142 + 201 \\ 483 &:= 2^4 + 3^5 + 8^1 + 14^2 + 20^1 = 24 + 35 + 81 + 142 + 201 & 483 &:= 2^8 + 3^1 + 9^1 + 14^2 + 19^1 = 28 + 31 + 91 + 142 + 191 \\ 483 &:= 2^4 + 3^5 + 9^1 + 14^2 + 19^1 = 24 + 35 + 91 + 142 + 191 & 483 &:= 2^8 + 3^2 + 6^3 + 10^0 + 26^0 = 28 + 32 + 63 + 100 + 260 \\ 483 &:= 2^4 + 5^3 + 5^3 + 14^2 + 21^1 = 24 + 53 + 53 + 142 + 211 & 483 &:= 2^8 + 3^2 + 6^3 + 11^0 + 25^0 = 28 + 32 + 63 + 110 + 250 \\ 483 &:= 2^5 + 2^5 + 5^0 + 18^1 + 20^2 = 25 + 25 + 50 + 181 + 202 & 483 &:= 2^8 + 3^2 + 6^3 + 12^0 + 24^0 = 28 + 32 + 63 + 120 + 240 \\ 483 &:= 2^5 + 3^3 + 11^2 + 14^1 + 17^2 = 25 + 33 + 112 + 141 + 172 & 483 &:= 2^8 + 3^2 + 6^3 + 13^0 + 23^0 = 28 + 32 + 63 + 130 + 230 \\ 483 &:= 2^5 + 3^4 + 12^2 + 15^0 + 15^2 = 25 + 34 + 122 + 150 + 152 & 483 &:= 2^8 + 3^2 + 6^3 + 14^0 + 22^0 = 28 + 32 + 63 + 140 + 220 \\ 483 &:= 2^5 + 3^4 + 7^3 + 9^0 + 26^1 = 25 + 34 + 73 + 90 + 261 & 483 &:= 2^8 + 3^2 + 6^3 + 15^0 + 21^0 = 28 + 32 + 63 + 150 + 210 \\ 483 &:= 2^5 + 3^5 + 11^1 + 14^2 + 17^0 = 25 + 35 + 111 + 142 + 170 & 483 &:= 2^8 + 3^2 + 6^3 + 16^0 + 20^0 = 28 + 32 + 63 + 160 + 200 \\ 483 &:= 2^5 + 4^4 + 5^2 + 13^2 + 23^0 = 25 + 44 + 52 + 132 + 230 & 483 &:= 2^8 + 3^2 + 6^3 + 17^0 + 19^0 = 28 + 32 + 63 + 170 + 190 \\ 483 &:= 2^6 + 10^1 + 11^2 + 12^2 + 12^2 = 26 + 101 + 112 + 122 + 122 & 483 &:= 2^8 + 3^2 + 6^3 + 18^0 + 18^0 = 28 + 32 + 63 + 180 + 180 \\ 483 &:= 2^6 + 3^4 + 11^0 + 13^1 + 18^2 = 26 + 34 + 110 + 131 + 182 & 483 &:= 2^8 + 3^2 + 6^3 + 9^0 + 27^0 = 28 + 32 + 63 + 90 + 270 \\ 483 &:= 2^6 + 4^2 + 10^2 + 14^1 + 17^2 = 26 + 42 + 102 + 141 + 172 & 483 &:= 2^8 + 3^2 + 7^0 + 14^2 + 21^1 = 28 + 32 + 70 + 142 + 211 \\ 483 &:= 2^6 + 4^2 + 5^2 + 17^1 + 19^2 = 26 + 42 + 52 + 171 + 192 & 483 &:= 2^8 + 4^0 + 5^3 + 10^2 + 26^0 = 28 + 40 + 53 + 102 + 260 \\ 483 &:= 2^6 + 4^2 + 8^2 + 15^1 + 18^2 = 26 + 42 + 82 + 151 + 182 & 483 &:= 2^8 + 4^1 + 10^1 + 14^2 + 17^1 = 28 + 41 + 101 + 142 + 171 \\ 483 &:= 2^6 + 4^3 + 7^3 + 11^1 + 23^0 = 26 + 43 + 73 + 111 + 230 & 483 &:= 2^8 + 4^1 + 11^1 + 14^2 + 16^1 = 28 + 41 + 111 + 142 + 161 \\ 483 &:= 2^6 + 4^4 + 11^0 + 12^2 + 18^1 = 26 + 44 + 110 + 122 + 181 & 483 &:= 2^8 + 4^1 + 12^1 + 14^2 + 15^1 = 28 + 41 + 121 + 142 + 151 \\ 483 &:= 2^6 + 6^2 + 9^2 + 13^1 + 17^2 = 26 + 62 + 92 + 131 + 172 & 483 &:= 2^8 + 4^1 + 13^1 + 14^1 + 14^2 = 28 + 41 + 131 + 141 + 142 \\ 483 &:= 2^6 + 6^3 + 9^2 + 11^2 + 19^0 = 26 + 63 + 92 + 112 + 190 & 483 &:= 2^8 + 4^1 + 4^1 + 14^2 + 23^1 = 28 + 41 + 41 + 142 + 231 \end{aligned}$$

$483 := 2^8 + 4^1 + 5^1 + 14^2 + 22^1 = 28 + 41 + 51 + 142 + 221$	$483 := 2^8 + 5^3 + 9^0 + 10^2 + 21^0 = 28 + 53 + 90 + 102 + 210$
$483 := 2^8 + 4^1 + 6^1 + 14^2 + 21^1 = 28 + 41 + 61 + 142 + 211$	$483 := 2^8 + 6^1 + 10^1 + 14^2 + 15^1 = 28 + 61 + 101 + 142 + 151$
$483 := 2^8 + 4^1 + 7^1 + 14^2 + 20^1 = 28 + 41 + 71 + 142 + 201$	$483 := 2^8 + 6^1 + 11^1 + 14^1 + 14^2 = 28 + 61 + 111 + 141 + 142$
$483 := 2^8 + 4^1 + 8^1 + 14^2 + 19^1 = 28 + 41 + 81 + 142 + 191$	$483 := 2^8 + 6^1 + 12^1 + 13^1 + 14^2 = 28 + 61 + 121 + 131 + 142$
$483 := 2^8 + 4^1 + 9^1 + 14^2 + 18^1 = 28 + 41 + 91 + 142 + 181$	$483 := 2^8 + 6^1 + 6^1 + 14^2 + 19^1 = 28 + 61 + 61 + 142 + 191$
$483 := 2^8 + 4^2 + 13^0 + 14^1 + 14^2 = 28 + 42 + 130 + 141 + 142$	$483 := 2^8 + 6^1 + 7^1 + 14^2 + 18^1 = 28 + 61 + 71 + 142 + 181$
$483 := 2^8 + 5^0 + 5^3 + 10^2 + 25^0 = 28 + 50 + 53 + 102 + 250$	$483 := 2^8 + 6^1 + 8^1 + 14^2 + 17^1 = 28 + 61 + 81 + 142 + 171$
$483 := 2^8 + 5^0 + 6^2 + 13^2 + 21^1 = 28 + 50 + 62 + 132 + 211$	$483 := 2^8 + 6^1 + 9^1 + 14^2 + 16^1 = 28 + 61 + 91 + 142 + 161$
$483 := 2^8 + 5^1 + 10^1 + 14^2 + 16^1 = 28 + 51 + 101 + 142 + 161$	$483 := 2^8 + 7^0 + 8^2 + 12^2 + 18^1 = 28 + 70 + 82 + 122 + 181$
$483 := 2^8 + 5^1 + 10^2 + 11^2 + 19^0 = 28 + 51 + 102 + 112 + 190$	$483 := 2^8 + 7^1 + 10^1 + 14^1 + 14^2 = 28 + 71 + 101 + 141 + 142$
$483 := 2^8 + 5^1 + 11^1 + 14^2 + 15^1 = 28 + 51 + 111 + 142 + 151$	$483 := 2^8 + 7^1 + 11^1 + 13^1 + 14^2 = 28 + 71 + 111 + 131 + 142$
$483 := 2^8 + 5^1 + 12^1 + 14^1 + 14^2 = 28 + 51 + 121 + 141 + 142$	$483 := 2^8 + 7^1 + 12^1 + 12^1 + 14^2 = 28 + 71 + 121 + 121 + 142$
$483 := 2^8 + 5^1 + 13^1 + 13^1 + 14^2 = 28 + 51 + 131 + 131 + 142$	$483 := 2^8 + 7^1 + 7^1 + 14^2 + 17^1 = 28 + 71 + 71 + 142 + 171$
$483 := 2^8 + 5^1 + 5^1 + 14^2 + 21^1 = 28 + 51 + 51 + 142 + 211$	$483 := 2^8 + 7^1 + 8^1 + 14^2 + 16^1 = 28 + 71 + 81 + 142 + 161$
$483 := 2^8 + 5^1 + 5^2 + 14^2 + 21^0 = 28 + 51 + 52 + 142 + 210$	$483 := 2^8 + 7^1 + 9^1 + 14^2 + 15^1 = 28 + 71 + 91 + 142 + 151$
$483 := 2^8 + 5^1 + 6^1 + 14^2 + 20^1 = 28 + 51 + 61 + 142 + 201$	$483 := 2^8 + 7^2 + 8^1 + 13^2 + 17^0 = 28 + 72 + 81 + 132 + 170$
$483 := 2^8 + 5^1 + 7^1 + 14^2 + 19^1 = 28 + 51 + 71 + 142 + 191$	$483 := 2^8 + 8^1 + 10^1 + 13^1 + 14^2 = 28 + 81 + 101 + 131 + 142$
$483 := 2^8 + 5^1 + 8^1 + 14^2 + 18^1 = 28 + 51 + 81 + 142 + 181$	$483 := 2^8 + 8^1 + 11^1 + 12^1 + 14^2 = 28 + 81 + 111 + 121 + 142$
$483 := 2^8 + 5^1 + 9^1 + 14^2 + 17^1 = 28 + 51 + 91 + 142 + 171$	$483 := 2^8 + 8^1 + 8^1 + 14^2 + 15^1 = 28 + 81 + 81 + 142 + 151$
$483 := 2^8 + 5^3 + 10^0 + 10^2 + 20^0 = 28 + 53 + 100 + 102 + 200$	$483 := 2^8 + 8^1 + 9^1 + 14^1 + 14^2 = 28 + 81 + 91 + 141 + 142$
$483 := 2^8 + 5^3 + 10^2 + 11^0 + 19^0 = 28 + 53 + 102 + 110 + 190$	$483 := 2^8 + 9^1 + 10^1 + 12^1 + 14^2 = 28 + 91 + 101 + 121 + 142$
$483 := 2^8 + 5^3 + 10^2 + 12^0 + 18^0 = 28 + 53 + 102 + 120 + 180$	$483 := 2^8 + 9^1 + 11^1 + 11^1 + 14^2 = 28 + 91 + 111 + 111 + 142$
$483 := 2^8 + 5^3 + 10^2 + 13^0 + 17^0 = 28 + 53 + 102 + 130 + 170$	$483 := 2^8 + 9^1 + 9^1 + 13^1 + 14^2 = 28 + 91 + 91 + 131 + 142$
$483 := 2^8 + 5^3 + 10^2 + 14^0 + 16^0 = 28 + 53 + 102 + 140 + 160$	$483 := 3^4 + 3^4 + 4^3 + 16^2 + 21^0 = 34 + 34 + 43 + 162 + 210$
$483 := 2^8 + 5^3 + 10^2 + 15^0 + 15^0 = 28 + 53 + 102 + 150 + 150$	$483 := 3^4 + 4^3 + 4^4 + 9^2 + 27^0 = 34 + 43 + 44 + 92 + 270$
$483 := 2^8 + 5^3 + 6^0 + 10^2 + 24^0 = 28 + 53 + 60 + 102 + 240$	$483 := 3^5 + 5^2 + 5^3 + 8^2 + 26^1 = 35 + 52 + 53 + 82 + 261$
$483 := 2^8 + 5^3 + 7^0 + 10^2 + 23^0 = 28 + 53 + 70 + 102 + 230$	
$483 := 2^8 + 5^3 + 8^0 + 10^2 + 22^0 = 28 + 53 + 80 + 102 + 220$	

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$484 := 1^0 + 11^2 + 17^0 + 19^2 = 10 + 112 + 170 + 192$	$484 := 9^0 + 9^0 + 11^2 + 19^2 = 90 + 90 + 112 + 192$
$484 := 2^0 + 11^2 + 16^0 + 19^2 = 20 + 112 + 160 + 192$	$484 := 1^0 + 1^0 + 15^0 + 15^2 + 16^2 = 10 + 10 + 150 + 152 + 162$
$484 := 3^0 + 11^2 + 15^0 + 19^2 = 30 + 112 + 150 + 192$	$484 := 1^0 + 1^0 + 9^2 + 17^0 + 20^2 = 10 + 10 + 92 + 170 + 202$
$484 := 4^0 + 11^2 + 14^0 + 19^2 = 40 + 112 + 140 + 192$	$484 := 1^0 + 1^8 + 3^4 + 20^2 + 22^0 = 10 + 18 + 34 + 202 + 220$
$484 := 5^0 + 11^2 + 13^0 + 19^2 = 50 + 112 + 130 + 192$	$484 := 1^0 + 1^8 + 4^4 + 15^2 + 26^0 = 10 + 18 + 44 + 152 + 260$
$484 := 6^0 + 11^2 + 12^0 + 19^2 = 60 + 112 + 120 + 192$	$484 := 1^0 + 2^0 + 14^0 + 15^2 + 16^2 = 10 + 20 + 140 + 152 + 162$
$484 := 7^0 + 11^0 + 11^2 + 19^2 = 70 + 110 + 112 + 192$	$484 := 1^0 + 2^0 + 9^2 + 16^0 + 20^2 = 10 + 20 + 92 + 160 + 202$
$484 := 8^0 + 10^0 + 11^2 + 19^2 = 80 + 100 + 112 + 192$	$484 := 1^0 + 3^0 + 13^0 + 15^2 + 16^2 = 10 + 30 + 130 + 152 + 162$

$$\begin{aligned} 484 &:= 1^0 + 3^0 + 9^2 + 15^0 + 20^2 = 10 + 30 + 92 + 150 + 202 \\ 484 &:= 1^0 + 4^0 + 12^0 + 15^2 + 16^2 = 10 + 40 + 120 + 152 + 162 \\ 484 &:= 1^0 + 4^0 + 9^2 + 14^0 + 20^2 = 10 + 40 + 92 + 140 + 202 \\ 484 &:= 1^0 + 5^0 + 11^0 + 15^2 + 16^2 = 10 + 50 + 110 + 152 + 162 \\ 484 &:= 1^0 + 5^0 + 9^2 + 13^0 + 20^2 = 10 + 50 + 92 + 130 + 202 \\ 484 &:= 1^0 + 6^0 + 10^0 + 15^2 + 16^2 = 10 + 60 + 100 + 152 + 162 \\ 484 &:= 1^0 + 6^0 + 9^2 + 12^0 + 20^2 = 10 + 60 + 92 + 120 + 202 \\ 484 &:= 1^0 + 7^0 + 9^0 + 15^2 + 16^2 = 10 + 70 + 90 + 152 + 162 \\ 484 &:= 1^0 + 7^0 + 9^2 + 11^0 + 20^2 = 10 + 70 + 92 + 110 + 202 \\ 484 &:= 1^0 + 8^0 + 8^0 + 15^2 + 16^2 = 10 + 80 + 80 + 152 + 162 \\ 484 &:= 1^0 + 8^0 + 9^2 + 10^0 + 20^2 = 10 + 80 + 92 + 100 + 202 \\ 484 &:= 1^0 + 9^0 + 9^0 + 9^2 + 20^2 = 10 + 90 + 90 + 92 + 202 \\ 484 &:= 1^1 + 1^7 + 3^4 + 20^2 + 22^0 = 11 + 17 + 34 + 202 + 220 \\ 484 &:= 1^1 + 1^7 + 4^4 + 15^2 + 26^0 = 11 + 17 + 44 + 152 + 260 \\ 484 &:= 1^1 + 1^9 + 14^0 + 15^2 + 16^2 = 11 + 19 + 140 + 152 + 162 \\ 484 &:= 1^1 + 1^9 + 9^2 + 16^0 + 20^2 = 11 + 19 + 92 + 160 + 202 \\ 484 &:= 1^2 + 1^6 + 3^4 + 20^2 + 22^0 = 12 + 16 + 34 + 202 + 220 \\ 484 &:= 1^2 + 1^6 + 4^4 + 15^2 + 26^0 = 12 + 16 + 44 + 152 + 260 \\ 484 &:= 1^2 + 1^8 + 14^0 + 15^2 + 16^2 = 12 + 18 + 140 + 152 + 162 \\ 484 &:= 1^2 + 1^8 + 9^2 + 16^0 + 20^2 = 12 + 18 + 92 + 160 + 202 \\ 484 &:= 1^3 + 1^5 + 3^4 + 20^2 + 22^0 = 13 + 15 + 34 + 202 + 220 \\ 484 &:= 1^3 + 1^5 + 4^4 + 15^2 + 26^0 = 13 + 15 + 44 + 152 + 260 \\ 484 &:= 1^3 + 1^7 + 14^0 + 15^2 + 16^2 = 13 + 17 + 140 + 152 + 162 \\ 484 &:= 1^3 + 1^7 + 9^2 + 16^0 + 20^2 = 13 + 17 + 92 + 160 + 202 \\ 484 &:= 1^3 + 2^7 + 7^3 + 11^1 + 26^0 = 13 + 27 + 73 + 111 + 260 \\ 484 &:= 1^4 + 1^4 + 3^4 + 20^2 + 22^0 = 14 + 14 + 34 + 202 + 220 \\ 484 &:= 1^4 + 1^4 + 4^4 + 15^2 + 26^0 = 14 + 14 + 44 + 152 + 260 \\ 484 &:= 1^4 + 1^6 + 14^0 + 15^2 + 16^2 = 14 + 16 + 140 + 152 + 162 \\ 484 &:= 1^4 + 1^6 + 9^2 + 16^0 + 20^2 = 14 + 16 + 92 + 160 + 202 \\ 484 &:= 1^4 + 2^0 + 2^8 + 15^2 + 27^0 = 14 + 20 + 28 + 152 + 270 \\ 484 &:= 1^4 + 2^8 + 10^0 + 15^2 + 19^0 = 14 + 28 + 100 + 152 + 190 \\ 484 &:= 1^4 + 2^8 + 11^0 + 15^2 + 18^0 = 14 + 28 + 110 + 152 + 180 \\ 484 &:= 1^4 + 2^8 + 12^0 + 15^2 + 17^0 = 14 + 28 + 120 + 152 + 170 \\ 484 &:= 1^4 + 2^8 + 13^0 + 15^2 + 16^0 = 14 + 28 + 130 + 152 + 160 \\ 484 &:= 1^4 + 2^8 + 14^0 + 15^0 + 15^2 = 14 + 28 + 140 + 150 + 152 \\ 484 &:= 1^4 + 2^8 + 3^0 + 15^2 + 26^0 = 14 + 28 + 30 + 152 + 260 \\ 484 &:= 1^4 + 2^8 + 4^0 + 15^2 + 25^0 = 14 + 28 + 40 + 152 + 250 \\ 484 &:= 1^4 + 2^8 + 5^0 + 15^2 + 24^0 = 14 + 28 + 50 + 152 + 240 \end{aligned}$$

$$\begin{aligned} 484 &:= 1^4 + 2^8 + 6^0 + 15^2 + 23^0 = 14 + 28 + 60 + 152 + 230 \\ 484 &:= 1^4 + 2^8 + 7^0 + 15^2 + 22^0 = 14 + 28 + 70 + 152 + 220 \\ 484 &:= 1^4 + 2^8 + 8^0 + 15^2 + 21^0 = 14 + 28 + 80 + 152 + 210 \\ 484 &:= 1^4 + 2^8 + 9^0 + 15^2 + 20^0 = 14 + 28 + 90 + 152 + 200 \\ 484 &:= 1^5 + 1^5 + 14^0 + 15^2 + 16^2 = 15 + 15 + 140 + 152 + 162 \\ 484 &:= 1^5 + 1^5 + 9^2 + 16^0 + 20^2 = 15 + 15 + 92 + 160 + 202 \\ 484 &:= 1^5 + 1^9 + 2^8 + 15^2 + 27^0 = 15 + 19 + 28 + 152 + 270 \\ 484 &:= 1^5 + 2^5 + 14^0 + 15^2 + 15^2 = 15 + 25 + 140 + 152 + 152 \\ 484 &:= 1^5 + 2^5 + 3^2 + 20^0 + 21^2 = 15 + 25 + 32 + 200 + 212 \\ 484 &:= 1^5 + 2^6 + 6^0 + 18^1 + 20^2 = 15 + 26 + 60 + 181 + 202 \\ 484 &:= 1^5 + 3^5 + 6^3 + 14^0 + 23^1 = 15 + 35 + 63 + 140 + 231 \\ 484 &:= 1^6 + 1^8 + 2^8 + 15^2 + 27^0 = 16 + 18 + 28 + 152 + 270 \\ 484 &:= 1^6 + 2^4 + 5^2 + 18^0 + 21^2 = 16 + 24 + 52 + 180 + 212 \\ 484 &:= 1^6 + 2^5 + 9^1 + 14^0 + 21^2 = 16 + 25 + 91 + 140 + 212 \\ 484 &:= 1^6 + 3^5 + 14^0 + 14^1 + 15^2 = 16 + 35 + 140 + 141 + 152 \\ 484 &:= 1^6 + 4^4 + 6^3 + 10^1 + 26^0 = 16 + 44 + 63 + 101 + 260 \\ 484 &:= 1^7 + 1^7 + 2^8 + 15^2 + 27^0 = 17 + 17 + 28 + 152 + 270 \\ 484 &:= 1^7 + 5^3 + 7^3 + 14^1 + 20^0 = 17 + 53 + 73 + 141 + 200 \\ 484 &:= 1^8 + 2^0 + 3^4 + 20^2 + 21^0 = 18 + 20 + 34 + 202 + 210 \\ 484 &:= 1^8 + 2^0 + 4^4 + 15^2 + 25^0 = 18 + 20 + 44 + 152 + 250 \\ 484 &:= 1^8 + 3^0 + 3^4 + 20^0 + 20^2 = 18 + 30 + 34 + 200 + 202 \\ 484 &:= 1^8 + 3^0 + 4^4 + 15^2 + 24^0 = 18 + 30 + 44 + 152 + 240 \\ 484 &:= 1^8 + 3^3 + 8^0 + 14^1 + 21^2 = 18 + 33 + 80 + 141 + 212 \\ 484 &:= 1^8 + 3^4 + 10^0 + 13^0 + 20^2 = 18 + 34 + 100 + 130 + 202 \\ 484 &:= 1^8 + 3^4 + 11^0 + 12^0 + 20^2 = 18 + 34 + 110 + 120 + 202 \\ 484 &:= 1^8 + 3^4 + 4^0 + 19^0 + 20^2 = 18 + 34 + 40 + 190 + 202 \\ 484 &:= 1^8 + 3^4 + 5^0 + 18^0 + 20^2 = 18 + 34 + 50 + 180 + 202 \\ 484 &:= 1^8 + 3^4 + 6^0 + 17^0 + 20^2 = 18 + 34 + 60 + 170 + 202 \\ 484 &:= 1^8 + 3^4 + 7^0 + 16^0 + 20^2 = 18 + 34 + 70 + 160 + 202 \\ 484 &:= 1^8 + 3^4 + 8^0 + 15^0 + 20^2 = 18 + 34 + 80 + 150 + 202 \\ 484 &:= 1^8 + 3^4 + 9^0 + 14^0 + 20^2 = 18 + 34 + 90 + 140 + 202 \\ 484 &:= 1^8 + 4^0 + 4^3 + 18^1 + 20^2 = 18 + 40 + 43 + 181 + 202 \\ 484 &:= 1^8 + 4^0 + 4^4 + 15^2 + 23^0 = 18 + 40 + 44 + 152 + 230 \\ 484 &:= 1^8 + 4^2 + 5^2 + 16^0 + 21^2 = 18 + 42 + 52 + 160 + 212 \\ 484 &:= 1^8 + 4^4 + 10^0 + 15^2 + 17^0 = 18 + 44 + 100 + 152 + 170 \\ 484 &:= 1^8 + 4^4 + 11^0 + 15^2 + 16^0 = 18 + 44 + 110 + 152 + 160 \\ 484 &:= 1^8 + 4^4 + 12^0 + 15^0 + 15^2 = 18 + 44 + 120 + 150 + 152 \\ 484 &:= 1^8 + 4^4 + 13^0 + 14^0 + 15^2 = 18 + 44 + 130 + 140 + 152 \end{aligned}$$

$$\begin{aligned} 484 &:= 1^8 + 4^4 + 5^0 + 15^2 + 22^0 = 18 + 44 + 50 + 152 + 220 \\ 484 &:= 1^8 + 4^4 + 6^0 + 15^2 + 21^0 = 18 + 44 + 60 + 152 + 210 \\ 484 &:= 1^8 + 4^4 + 7^0 + 15^2 + 20^0 = 18 + 44 + 70 + 152 + 200 \\ 484 &:= 1^8 + 4^4 + 8^0 + 15^2 + 19^0 = 18 + 44 + 80 + 152 + 190 \\ 484 &:= 1^8 + 4^4 + 9^0 + 15^2 + 18^0 = 18 + 44 + 90 + 152 + 180 \\ 484 &:= 1^8 + 6^3 + 10^1 + 14^0 + 16^2 = 18 + 63 + 101 + 140 + 162 \\ 484 &:= 1^8 + 7^2 + 10^0 + 12^2 + 17^2 = 18 + 72 + 100 + 122 + 172 \\ 484 &:= 1^8 + 7^3 + 10^0 + 11^2 + 18^1 = 18 + 73 + 100 + 112 + 181 \\ 484 &:= 1^8 + 8^0 + 12^2 + 13^2 + 13^2 = 18 + 80 + 122 + 132 + 132 \\ 484 &:= 1^9 + 1^9 + 3^4 + 20^2 + 21^0 = 19 + 19 + 34 + 202 + 210 \\ 484 &:= 1^9 + 1^9 + 4^4 + 15^2 + 25^0 = 19 + 19 + 44 + 152 + 250 \\ 484 &:= 1^9 + 2^0 + 12^2 + 14^1 + 18^2 = 19 + 20 + 122 + 141 + 182 \\ 484 &:= 1^9 + 4^0 + 5^2 + 16^1 + 21^2 = 19 + 40 + 52 + 161 + 212 \\ 484 &:= 1^9 + 5^1 + 6^2 + 14^0 + 21^2 = 19 + 51 + 62 + 140 + 212 \\ 484 &:= 2^0 + 2^0 + 13^0 + 15^2 + 16^2 = 20 + 20 + 130 + 152 + 162 \\ 484 &:= 2^0 + 2^0 + 9^2 + 15^0 + 20^2 = 20 + 20 + 92 + 150 + 202 \\ 484 &:= 2^0 + 3^0 + 12^0 + 15^2 + 16^2 = 20 + 30 + 120 + 152 + 162 \\ 484 &:= 2^0 + 3^0 + 9^2 + 14^0 + 20^2 = 20 + 30 + 92 + 140 + 202 \\ 484 &:= 2^0 + 4^0 + 11^0 + 15^2 + 16^2 = 20 + 40 + 110 + 152 + 162 \\ 484 &:= 2^0 + 4^0 + 9^2 + 13^0 + 20^2 = 20 + 40 + 92 + 130 + 202 \\ 484 &:= 2^0 + 5^0 + 10^0 + 15^2 + 16^2 = 20 + 50 + 100 + 152 + 162 \\ 484 &:= 2^0 + 5^0 + 9^2 + 12^0 + 20^2 = 20 + 50 + 92 + 120 + 202 \\ 484 &:= 2^0 + 6^0 + 9^0 + 15^2 + 16^2 = 20 + 60 + 90 + 152 + 162 \\ 484 &:= 2^0 + 6^0 + 9^2 + 11^0 + 20^2 = 20 + 60 + 92 + 110 + 202 \\ 484 &:= 2^0 + 7^0 + 8^0 + 15^2 + 16^2 = 20 + 70 + 80 + 152 + 162 \\ 484 &:= 2^0 + 7^0 + 9^2 + 10^0 + 20^2 = 20 + 70 + 92 + 100 + 202 \\ 484 &:= 2^0 + 8^0 + 9^0 + 9^2 + 20^2 = 20 + 80 + 90 + 92 + 202 \\ 484 &:= 2^2 + 2^7 + 3^3 + 18^2 + 22^0 = 22 + 27 + 33 + 182 + 220 \\ 484 &:= 2^3 + 2^8 + 6^0 + 14^2 + 23^1 = 23 + 28 + 60 + 142 + 231 \\ 484 &:= 2^4 + 2^7 + 10^0 + 15^1 + 18^2 = 24 + 27 + 100 + 151 + 182 \\ 484 &:= 2^5 + 3^5 + 8^2 + 12^2 + 22^0 = 25 + 35 + 82 + 122 + 220 \\ 484 &:= 2^6 + 3^4 + 13^2 + 13^2 + 16^0 = 26 + 34 + 132 + 132 + 160 \\ 484 &:= 2^6 + 3^4 + 7^2 + 17^2 + 18^0 = 26 + 34 + 72 + 172 + 180 \\ 484 &:= 2^6 + 3^5 + 7^1 + 13^2 + 22^0 = 26 + 35 + 71 + 132 + 220 \end{aligned}$$

$$\begin{aligned} 484 &:= 2^6 + 5^3 + 5^3 + 13^2 + 22^0 = 26 + 53 + 53 + 132 + 220 \\ 484 &:= 2^7 + 3^4 + 8^0 + 16^2 + 18^1 = 27 + 34 + 80 + 162 + 181 \\ 484 &:= 2^7 + 4^4 + 9^2 + 14^0 + 18^1 = 27 + 44 + 92 + 140 + 181 \\ 484 &:= 2^7 + 5^3 + 6^3 + 14^1 + 20^0 = 27 + 53 + 63 + 141 + 200 \\ 484 &:= 2^8 + 3^2 + 7^2 + 13^2 + 22^0 = 28 + 32 + 72 + 132 + 220 \\ 484 &:= 2^8 + 3^3 + 4^1 + 14^2 + 24^0 = 28 + 33 + 41 + 142 + 240 \\ 484 &:= 2^8 + 4^3 + 10^0 + 12^2 + 19^1 = 28 + 43 + 100 + 122 + 191 \\ 484 &:= 2^8 + 5^2 + 9^2 + 11^2 + 20^0 = 28 + 52 + 92 + 112 + 200 \\ 484 &:= 2^8 + 5^3 + 9^2 + 10^0 + 21^1 = 28 + 53 + 92 + 100 + 211 \\ 484 &:= 3^0 + 3^0 + 11^0 + 15^2 + 16^2 = 30 + 30 + 110 + 152 + 162 \\ 484 &:= 3^0 + 3^0 + 9^2 + 13^0 + 20^2 = 30 + 30 + 92 + 130 + 202 \\ 484 &:= 3^0 + 4^0 + 10^0 + 15^2 + 16^2 = 30 + 40 + 100 + 152 + 162 \\ 484 &:= 3^0 + 4^0 + 9^2 + 12^0 + 20^2 = 30 + 40 + 92 + 120 + 202 \\ 484 &:= 3^0 + 5^0 + 9^0 + 15^2 + 16^2 = 30 + 50 + 90 + 152 + 162 \\ 484 &:= 3^0 + 5^0 + 9^2 + 11^0 + 20^2 = 30 + 50 + 92 + 110 + 202 \\ 484 &:= 3^0 + 6^0 + 8^0 + 15^2 + 16^2 = 30 + 60 + 80 + 152 + 162 \\ 484 &:= 3^0 + 6^0 + 9^2 + 10^0 + 20^2 = 30 + 60 + 92 + 100 + 202 \\ 484 &:= 3^0 + 7^0 + 7^0 + 15^2 + 16^2 = 30 + 70 + 70 + 152 + 162 \\ 484 &:= 3^0 + 7^0 + 9^0 + 9^2 + 20^2 = 30 + 70 + 90 + 92 + 202 \\ 484 &:= 3^0 + 8^0 + 8^0 + 9^2 + 20^2 = 30 + 80 + 80 + 92 + 202 \\ 484 &:= 4^0 + 4^0 + 9^0 + 15^2 + 16^2 = 40 + 40 + 90 + 152 + 162 \\ 484 &:= 4^0 + 4^0 + 9^2 + 11^0 + 20^2 = 40 + 40 + 92 + 110 + 202 \\ 484 &:= 4^0 + 5^0 + 8^0 + 15^2 + 16^2 = 40 + 50 + 80 + 152 + 162 \\ 484 &:= 4^0 + 5^0 + 9^2 + 10^0 + 20^2 = 40 + 50 + 92 + 100 + 202 \\ 484 &:= 4^0 + 6^0 + 7^0 + 15^2 + 16^2 = 40 + 60 + 70 + 152 + 162 \\ 484 &:= 4^0 + 6^0 + 9^0 + 9^2 + 20^2 = 40 + 60 + 90 + 92 + 202 \\ 484 &:= 4^0 + 7^0 + 8^0 + 9^2 + 20^2 = 40 + 70 + 80 + 92 + 202 \\ 484 &:= 5^0 + 5^0 + 7^0 + 15^2 + 16^2 = 50 + 50 + 70 + 152 + 162 \\ 484 &:= 5^0 + 5^0 + 9^0 + 9^2 + 20^2 = 50 + 50 + 90 + 92 + 202 \\ 484 &:= 5^0 + 6^0 + 6^0 + 15^2 + 16^2 = 50 + 60 + 60 + 152 + 162 \\ 484 &:= 5^0 + 6^0 + 8^0 + 9^2 + 20^2 = 50 + 60 + 80 + 92 + 202 \\ 484 &:= 5^0 + 7^0 + 7^0 + 9^2 + 20^2 = 50 + 70 + 70 + 92 + 202 \\ 484 &:= 6^0 + 6^0 + 7^0 + 9^2 + 20^2 = 60 + 60 + 70 + 92 + 202 \end{aligned}$$

2.2.386 Number 485

$$\begin{aligned} 485 &:= 2^0 + 12^2 + 16^1 + 18^2 = 20 + 122 + 161 + 182 \\ 485 &:= 2^1 + 11^2 + 16^0 + 19^2 = 21 + 112 + 160 + 192 \\ 485 &:= 2^5 + 2^8 + 14^2 + 29^0 = 25 + 28 + 142 + 290 \\ 485 &:= 2^7 + 3^5 + 9^2 + 33^1 = 27 + 35 + 92 + 331 \\ 485 &:= 2^7 + 4^3 + 4^4 + 37^1 = 27 + 43 + 44 + 371 \\ 485 &:= 3^1 + 14^0 + 15^2 + 16^2 = 31 + 140 + 152 + 162 \\ 485 &:= 3^1 + 9^2 + 16^0 + 20^2 = 31 + 92 + 160 + 202 \\ 485 &:= 4^0 + 5^2 + 18^1 + 21^2 = 40 + 52 + 181 + 212 \\ 485 &:= 6^2 + 7^1 + 14^0 + 21^2 = 62 + 71 + 140 + 212 \\ 485 &:= 1^0 + 1^1 + 11^2 + 16^0 + 19^2 = 10 + 11 + 112 + 160 + 192 \\ 485 &:= 1^0 + 2^0 + 12^2 + 15^1 + 18^2 = 10 + 20 + 122 + 151 + 182 \\ 485 &:= 1^0 + 2^1 + 14^0 + 15^2 + 16^2 = 10 + 21 + 140 + 152 + 162 \\ 485 &:= 1^0 + 2^1 + 9^2 + 16^0 + 20^2 = 10 + 21 + 92 + 160 + 202 \\ 485 &:= 1^0 + 4^0 + 5^2 + 17^1 + 21^2 = 10 + 40 + 52 + 171 + 212 \\ 485 &:= 1^0 + 6^1 + 6^2 + 14^0 + 21^2 = 10 + 61 + 62 + 140 + 212 \\ 485 &:= 1^1 + 1^9 + 12^2 + 15^1 + 18^2 = 11 + 19 + 122 + 151 + 182 \\ 485 &:= 1^1 + 2^0 + 11^2 + 15^0 + 19^2 = 11 + 20 + 112 + 150 + 192 \\ 485 &:= 1^1 + 3^0 + 11^2 + 14^0 + 19^2 = 11 + 30 + 112 + 140 + 192 \\ 485 &:= 1^1 + 4^0 + 11^2 + 13^0 + 19^2 = 11 + 40 + 112 + 130 + 192 \\ 485 &:= 1^1 + 5^0 + 11^2 + 12^0 + 19^2 = 11 + 50 + 112 + 120 + 192 \\ 485 &:= 1^1 + 6^0 + 11^0 + 11^2 + 19^2 = 11 + 60 + 110 + 112 + 192 \\ 485 &:= 1^1 + 7^0 + 10^0 + 11^2 + 19^2 = 11 + 70 + 100 + 112 + 192 \\ 485 &:= 1^1 + 8^0 + 9^0 + 11^2 + 19^2 = 11 + 80 + 90 + 112 + 192 \\ 485 &:= 1^2 + 1^8 + 12^2 + 15^1 + 18^2 = 12 + 18 + 122 + 151 + 182 \\ 485 &:= 1^2 + 1^9 + 11^2 + 15^0 + 19^2 = 12 + 19 + 112 + 150 + 192 \\ 485 &:= 1^2 + 2^3 + 2^7 + 18^2 + 24^1 = 12 + 23 + 27 + 182 + 241 \\ 485 &:= 1^3 + 1^7 + 12^2 + 15^1 + 18^2 = 13 + 17 + 122 + 151 + 182 \\ 485 &:= 1^3 + 1^8 + 11^2 + 15^0 + 19^2 = 13 + 18 + 112 + 150 + 192 \\ 485 &:= 1^3 + 2^5 + 4^4 + 13^2 + 27^1 = 13 + 25 + 44 + 132 + 271 \\ 485 &:= 1^3 + 2^7 + 13^2 + 13^2 + 18^1 = 13 + 27 + 132 + 132 + 181 \\ 485 &:= 1^3 + 2^7 + 3^2 + 18^2 + 23^1 = 13 + 27 + 32 + 182 + 231 \\ 485 &:= 1^3 + 2^7 + 9^2 + 16^2 + 19^1 = 13 + 27 + 92 + 162 + 191 \\ 485 &:= 1^3 + 2^8 + 6^3 + 11^1 + 27^0 = 13 + 28 + 63 + 111 + 270 \\ 485 &:= 1^4 + 1^6 + 12^2 + 15^1 + 18^2 = 14 + 16 + 122 + 151 + 182 \\ 485 &:= 1^4 + 1^7 + 11^2 + 15^0 + 19^2 = 14 + 17 + 112 + 150 + 192 \\ 485 &:= 1^4 + 2^1 + 2^8 + 15^2 + 27^0 = 14 + 21 + 28 + 152 + 270 \\ 485 &:= 1^4 + 2^7 + 7^3 + 12^1 + 25^0 = 14 + 27 + 73 + 121 + 250 \\ 485 &:= 1^5 + 1^5 + 12^2 + 15^1 + 18^2 = 15 + 15 + 122 + 151 + 182 \end{aligned}$$

$$\begin{aligned} 485 &:= 1^5 + 1^6 + 11^2 + 15^0 + 19^2 = 15 + 16 + 112 + 150 + 192 \\ 485 &:= 1^5 + 3^4 + 5^3 + 16^2 + 22^1 = 15 + 34 + 53 + 162 + 221 \\ 485 &:= 1^5 + 3^5 + 7^2 + 13^2 + 23^1 = 15 + 35 + 72 + 132 + 231 \\ 485 &:= 1^6 + 2^6 + 5^0 + 19^1 + 20^2 = 16 + 26 + 50 + 191 + 202 \\ 485 &:= 1^6 + 3^5 + 6^3 + 13^0 + 24^1 = 16 + 35 + 63 + 130 + 241 \\ 485 &:= 1^6 + 4^4 + 6^2 + 13^2 + 23^1 = 16 + 44 + 62 + 132 + 231 \\ 485 &:= 1^7 + 2^3 + 10^2 + 15^1 + 19^2 = 17 + 23 + 102 + 151 + 192 \\ 485 &:= 1^7 + 2^3 + 4^2 + 19^1 + 21^2 = 17 + 23 + 42 + 191 + 212 \\ 485 &:= 1^7 + 2^5 + 10^1 + 13^0 + 21^2 = 17 + 25 + 101 + 130 + 212 \\ 485 &:= 1^7 + 3^3 + 9^2 + 15^1 + 19^2 = 17 + 33 + 92 + 151 + 192 \\ 485 &:= 1^7 + 3^5 + 13^0 + 15^1 + 15^2 = 17 + 35 + 130 + 151 + 152 \\ 485 &:= 1^7 + 4^2 + 5^3 + 18^2 + 19^1 = 17 + 42 + 53 + 182 + 191 \\ 485 &:= 1^7 + 4^2 + 7^3 + 10^2 + 25^1 = 17 + 42 + 73 + 102 + 251 \\ 485 &:= 1^7 + 4^3 + 9^2 + 15^1 + 18^2 = 17 + 43 + 92 + 151 + 182 \\ 485 &:= 1^7 + 4^4 + 6^3 + 11^1 + 25^0 = 17 + 44 + 63 + 111 + 250 \\ 485 &:= 1^7 + 6^2 + 7^3 + 9^2 + 24^1 = 17 + 62 + 73 + 92 + 241 \\ 485 &:= 1^7 + 6^3 + 9^2 + 13^2 + 18^1 = 17 + 63 + 92 + 132 + 181 \\ 485 &:= 1^8 + 2^1 + 3^4 + 20^2 + 21^0 = 18 + 21 + 34 + 202 + 210 \\ 485 &:= 1^8 + 2^1 + 4^4 + 15^2 + 25^0 = 18 + 21 + 44 + 152 + 250 \\ 485 &:= 1^8 + 2^2 + 8^2 + 16^1 + 20^2 = 18 + 22 + 82 + 161 + 202 \\ 485 &:= 1^8 + 3^2 + 10^2 + 14^1 + 19^2 = 18 + 32 + 102 + 141 + 192 \\ 485 &:= 1^8 + 3^2 + 4^2 + 18^1 + 21^2 = 18 + 32 + 42 + 181 + 212 \\ 485 &:= 1^8 + 5^3 + 7^3 + 15^1 + 19^0 = 18 + 53 + 73 + 151 + 190 \\ 485 &:= 1^8 + 7^2 + 10^1 + 13^2 + 16^2 = 18 + 72 + 101 + 132 + 162 \\ 485 &:= 1^8 + 7^2 + 10^2 + 11^1 + 18^2 = 18 + 72 + 102 + 111 + 182 \\ 485 &:= 1^8 + 8^2 + 10^1 + 11^2 + 17^2 = 18 + 82 + 101 + 112 + 172 \\ 485 &:= 1^8 + 9^1 + 9^2 + 13^2 + 15^2 = 18 + 91 + 92 + 132 + 152 \\ 485 &:= 1^9 + 2^1 + 12^2 + 14^1 + 18^2 = 19 + 21 + 122 + 141 + 182 \\ 485 &:= 1^9 + 3^0 + 4^3 + 19^1 + 20^2 = 19 + 30 + 43 + 191 + 202 \\ 485 &:= 1^9 + 3^1 + 12^2 + 13^1 + 18^2 = 19 + 31 + 122 + 131 + 182 \\ 485 &:= 1^9 + 3^3 + 7^0 + 15^1 + 21^2 = 19 + 33 + 70 + 151 + 212 \\ 485 &:= 1^9 + 4^1 + 12^1 + 12^2 + 18^2 = 19 + 41 + 121 + 122 + 182 \\ 485 &:= 1^9 + 5^1 + 11^1 + 12^2 + 18^2 = 19 + 51 + 111 + 122 + 182 \\ 485 &:= 1^9 + 5^2 + 11^0 + 13^2 + 17^2 = 19 + 52 + 110 + 132 + 172 \\ 485 &:= 1^9 + 6^1 + 10^1 + 12^2 + 18^2 = 19 + 61 + 101 + 122 + 182 \\ 485 &:= 1^9 + 6^3 + 11^1 + 13^0 + 16^2 = 19 + 63 + 111 + 130 + 162 \\ 485 &:= 1^9 + 7^1 + 9^1 + 12^2 + 18^2 = 19 + 71 + 91 + 122 + 182 \\ 485 &:= 1^9 + 7^3 + 9^0 + 11^2 + 19^1 = 19 + 73 + 90 + 112 + 191 \end{aligned}$$

$$\begin{aligned}
 485 &:= 1^9 + 8^1 + 8^1 + 12^2 + 18^2 = 19 + 81 + 81 + 122 + 182 \\
 485 &:= 2^0 + 2^1 + 13^0 + 15^2 + 16^2 = 20 + 21 + 130 + 152 + 162 \\
 485 &:= 2^0 + 2^1 + 9^2 + 15^0 + 20^2 = 20 + 21 + 92 + 150 + 202 \\
 485 &:= 2^0 + 3^0 + 5^2 + 17^1 + 21^2 = 20 + 30 + 52 + 171 + 212 \\
 485 &:= 2^0 + 6^1 + 6^2 + 13^0 + 21^2 = 20 + 61 + 62 + 130 + 212 \\
 485 &:= 2^1 + 3^0 + 12^0 + 15^2 + 16^2 = 21 + 30 + 120 + 152 + 162 \\
 485 &:= 2^1 + 3^0 + 9^2 + 14^0 + 20^2 = 21 + 30 + 92 + 140 + 202 \\
 485 &:= 2^1 + 4^0 + 11^0 + 15^2 + 16^2 = 21 + 40 + 110 + 152 + 162 \\
 485 &:= 2^1 + 4^0 + 9^2 + 13^0 + 20^2 = 21 + 40 + 92 + 130 + 202 \\
 485 &:= 2^1 + 5^0 + 10^0 + 15^2 + 16^2 = 21 + 50 + 100 + 152 + 162 \\
 485 &:= 2^1 + 5^0 + 9^2 + 12^0 + 20^2 = 21 + 50 + 92 + 120 + 202 \\
 485 &:= 2^1 + 6^0 + 9^0 + 15^2 + 16^2 = 21 + 60 + 90 + 152 + 162 \\
 485 &:= 2^1 + 6^0 + 9^2 + 11^0 + 20^2 = 21 + 60 + 92 + 110 + 202 \\
 485 &:= 2^1 + 7^0 + 8^0 + 15^2 + 16^2 = 21 + 70 + 80 + 152 + 162 \\
 485 &:= 2^1 + 7^0 + 9^2 + 10^0 + 20^2 = 21 + 70 + 92 + 100 + 202 \\
 485 &:= 2^1 + 8^0 + 9^0 + 9^2 + 20^2 = 21 + 80 + 90 + 92 + 202 \\
 485 &:= 2^2 + 2^8 + 9^2 + 11^2 + 23^1 = 22 + 28 + 92 + 112 + 231 \\
 485 &:= 2^4 + 2^6 + 10^2 + 16^1 + 17^2 = 24 + 26 + 102 + 161 + 172 \\
 485 &:= 2^4 + 2^6 + 5^2 + 19^1 + 19^2 = 24 + 26 + 52 + 191 + 192 \\
 485 &:= 2^4 + 2^6 + 8^2 + 17^1 + 18^2 = 24 + 26 + 82 + 171 + 182 \\
 485 &:= 2^4 + 2^7 + 12^2 + 14^2 + 17^0 = 24 + 27 + 122 + 142 + 170 \\
 485 &:= 2^4 + 2^7 + 4^2 + 18^2 + 21^0 = 24 + 27 + 42 + 182 + 210 \\
 485 &:= 2^4 + 2^8 + 13^0 + 14^2 + 16^1 = 24 + 28 + 130 + 142 + 161 \\
 485 &:= 2^4 + 3^4 + 3^5 + 12^2 + 27^0 = 24 + 34 + 35 + 122 + 270
 \end{aligned}$$

$$\begin{aligned}
 485 &:= 2^5 + 2^5 + 9^2 + 16^1 + 18^2 = 25 + 25 + 92 + 161 + 182 \\
 485 &:= 2^5 + 2^6 + 8^2 + 17^0 + 18^2 = 25 + 26 + 82 + 170 + 182 \\
 485 &:= 2^5 + 3^3 + 3^4 + 18^2 + 21^1 = 25 + 33 + 34 + 182 + 211 \\
 485 &:= 2^5 + 3^3 + 4^4 + 12^2 + 26^1 = 25 + 33 + 44 + 122 + 261 \\
 485 &:= 2^5 + 3^4 + 5^3 + 15^2 + 22^1 = 25 + 34 + 53 + 152 + 221 \\
 485 &:= 2^5 + 3^5 + 4^2 + 13^2 + 25^1 = 25 + 35 + 42 + 132 + 251 \\
 485 &:= 2^6 + 4^3 + 4^4 + 10^2 + 27^0 = 26 + 43 + 44 + 102 + 270 \\
 485 &:= 2^7 + 3^3 + 12^2 + 13^2 + 17^1 = 27 + 33 + 122 + 132 + 171 \\
 485 &:= 2^7 + 3^5 + 10^2 + 13^1 + 19^0 = 27 + 35 + 102 + 131 + 190 \\
 485 &:= 2^7 + 4^2 + 4^3 + 16^2 + 21^1 = 27 + 42 + 43 + 162 + 211 \\
 485 &:= 2^7 + 4^2 + 6^3 + 10^2 + 25^1 = 27 + 42 + 63 + 102 + 251 \\
 485 &:= 2^7 + 4^3 + 7^2 + 15^2 + 19^1 = 27 + 43 + 72 + 152 + 191 \\
 485 &:= 2^7 + 4^4 + 6^2 + 8^2 + 27^0 = 27 + 44 + 62 + 82 + 270 \\
 485 &:= 2^7 + 6^2 + 6^3 + 9^2 + 24^1 = 27 + 62 + 63 + 92 + 241 \\
 485 &:= 2^8 + 3^1 + 3^4 + 12^2 + 27^0 = 28 + 31 + 34 + 122 + 270 \\
 485 &:= 2^8 + 3^4 + 5^0 + 11^2 + 26^1 = 28 + 34 + 50 + 112 + 261 \\
 485 &:= 2^8 + 4^3 + 8^2 + 10^2 + 23^0 = 28 + 43 + 82 + 102 + 230 \\
 485 &:= 2^8 + 8^2 + 8^2 + 9^2 + 20^1 = 28 + 82 + 82 + 92 + 201 \\
 485 &:= 3^0 + 6^1 + 6^2 + 12^0 + 21^2 = 30 + 61 + 62 + 120 + 212 \\
 485 &:= 4^0 + 6^1 + 6^2 + 11^0 + 21^2 = 40 + 61 + 62 + 110 + 212 \\
 485 &:= 5^0 + 6^1 + 6^2 + 10^0 + 21^2 = 50 + 61 + 62 + 100 + 212 \\
 485 &:= 6^0 + 6^1 + 6^2 + 9^0 + 21^2 = 60 + 61 + 62 + 90 + 212 \\
 485 &:= 6^1 + 6^2 + 7^0 + 8^0 + 21^2 = 61 + 62 + 70 + 80 + 212
 \end{aligned}$$

2.2.387 Number 486

$$\begin{aligned}
 486 &:= 1^4 + 22^2 + 25^0 = 14 + 222 + 250 \\
 486 &:= 1^1 + 12^2 + 17^1 + 18^2 = 11 + 122 + 171 + 182 \\
 486 &:= 2^1 + 12^2 + 16^1 + 18^2 = 21 + 122 + 161 + 182 \\
 486 &:= 2^2 + 15^0 + 15^2 + 16^2 = 22 + 150 + 152 + 162 \\
 486 &:= 2^2 + 9^2 + 17^0 + 20^2 = 22 + 92 + 170 + 202 \\
 486 &:= 3^0 + 4^3 + 20^2 + 21^1 = 30 + 43 + 202 + 211 \\
 486 &:= 3^1 + 12^2 + 15^1 + 18^2 = 31 + 122 + 151 + 182 \\
 486 &:= 3^3 + 7^0 + 17^1 + 21^2 = 33 + 70 + 171 + 212 \\
 486 &:= 4^1 + 12^2 + 14^1 + 18^2 = 41 + 122 + 141 + 182 \\
 486 &:= 5^1 + 12^2 + 13^1 + 18^2 = 51 + 122 + 131 + 182 \\
 486 &:= 6^1 + 12^1 + 12^2 + 18^2 = 61 + 121 + 122 + 182
 \end{aligned}$$

$$\begin{aligned}
 486 &:= 6^2 + 7^2 + 15^0 + 20^2 = 62 + 72 + 150 + 202 \\
 486 &:= 6^3 + 13^0 + 13^1 + 16^2 = 63 + 130 + 131 + 162 \\
 486 &:= 7^1 + 11^1 + 12^2 + 18^2 = 71 + 111 + 122 + 182 \\
 486 &:= 7^3 + 9^0 + 11^2 + 21^1 = 73 + 90 + 112 + 211 \\
 486 &:= 8^1 + 10^1 + 12^2 + 18^2 = 81 + 101 + 122 + 182 \\
 486 &:= 8^2 + 11^0 + 14^2 + 15^2 = 82 + 110 + 142 + 152 \\
 486 &:= 9^1 + 9^1 + 12^2 + 18^2 = 91 + 91 + 122 + 182 \\
 486 &:= 1^0 + 1^1 + 12^2 + 16^1 + 18^2 = 10 + 11 + 122 + 161 + 182 \\
 486 &:= 1^0 + 2^1 + 12^2 + 15^1 + 18^2 = 10 + 21 + 122 + 151 + 182 \\
 486 &:= 1^0 + 3^0 + 4^3 + 20^1 + 20^2 = 10 + 30 + 43 + 201 + 202 \\
 486 &:= 1^0 + 3^1 + 12^2 + 14^1 + 18^2 = 10 + 31 + 122 + 141 + 182
 \end{aligned}$$

$$\begin{aligned} 486 &:= 1^0 + 3^3 + 7^0 + 16^1 + 21^2 = 10 + 33 + 70 + 161 + 212 \\ 486 &:= 1^0 + 4^1 + 12^2 + 13^1 + 18^2 = 10 + 41 + 122 + 131 + 182 \\ 486 &:= 1^0 + 4^2 + 12^2 + 13^0 + 18^2 = 10 + 42 + 122 + 130 + 182 \\ 486 &:= 1^0 + 5^1 + 12^1 + 12^2 + 18^2 = 10 + 51 + 121 + 122 + 182 \\ 486 &:= 1^0 + 6^1 + 11^1 + 12^2 + 18^2 = 10 + 61 + 111 + 122 + 182 \\ 486 &:= 1^0 + 6^3 + 12^1 + 13^0 + 16^2 = 10 + 63 + 121 + 130 + 162 \\ 486 &:= 1^0 + 7^1 + 10^1 + 12^2 + 18^2 = 10 + 71 + 101 + 122 + 182 \\ 486 &:= 1^0 + 7^3 + 9^0 + 11^2 + 20^1 = 10 + 73 + 90 + 112 + 201 \\ 486 &:= 1^0 + 8^1 + 9^1 + 12^2 + 18^2 = 10 + 81 + 91 + 122 + 182 \\ 486 &:= 1^0 + 9^0 + 12^2 + 12^2 + 14^2 = 10 + 90 + 122 + 122 + 142 \\ 486 &:= 1^1 + 2^1 + 11^2 + 15^0 + 19^2 = 11 + 21 + 112 + 150 + 192 \\ 486 &:= 1^1 + 3^0 + 5^2 + 18^1 + 21^2 = 11 + 30 + 52 + 181 + 212 \\ 486 &:= 1^1 + 3^1 + 13^0 + 15^2 + 16^2 = 11 + 31 + 130 + 152 + 162 \\ 486 &:= 1^1 + 3^1 + 9^2 + 15^0 + 20^2 = 11 + 31 + 92 + 150 + 202 \\ 486 &:= 1^1 + 6^2 + 7^1 + 13^0 + 21^2 = 11 + 62 + 71 + 130 + 212 \\ 486 &:= 1^2 + 2^5 + 2^7 + 18^2 + 24^0 = 12 + 25 + 27 + 182 + 240 \\ 486 &:= 1^4 + 2^8 + 6^3 + 12^1 + 26^0 = 14 + 28 + 63 + 121 + 260 \\ 486 &:= 1^5 + 2^4 + 3^5 + 15^2 + 26^0 = 15 + 24 + 35 + 152 + 260 \\ 486 &:= 1^5 + 2^5 + 4^4 + 14^2 + 26^0 = 15 + 25 + 44 + 142 + 260 \\ 486 &:= 1^5 + 2^7 + 10^2 + 16^2 + 18^0 = 15 + 27 + 102 + 162 + 180 \\ 486 &:= 1^5 + 2^7 + 7^3 + 13^1 + 24^0 = 15 + 27 + 73 + 131 + 240 \\ 486 &:= 1^5 + 2^8 + 3^1 + 15^2 + 26^0 = 15 + 28 + 31 + 152 + 260 \\ 486 &:= 1^7 + 2^4 + 3^3 + 20^0 + 21^2 = 17 + 24 + 33 + 200 + 212 \\ 486 &:= 1^7 + 2^5 + 14^0 + 14^2 + 16^2 = 17 + 25 + 140 + 142 + 162 \\ 486 &:= 1^7 + 2^6 + 4^0 + 20^1 + 20^2 = 17 + 26 + 40 + 201 + 202 \\ 486 &:= 1^7 + 3^5 + 4^2 + 15^2 + 24^0 = 17 + 35 + 42 + 152 + 240 \\ 486 &:= 1^7 + 3^5 + 6^3 + 12^0 + 25^1 = 17 + 35 + 63 + 120 + 251 \\ 486 &:= 1^8 + 2^4 + 12^2 + 14^0 + 18^2 = 18 + 24 + 122 + 140 + 182 \\ 486 &:= 1^8 + 2^5 + 11^1 + 12^0 + 21^2 = 18 + 25 + 111 + 120 + 212 \\ 486 &:= 1^8 + 3^5 + 12^0 + 15^2 + 16^1 = 18 + 35 + 120 + 152 + 161 \\ 486 &:= 1^8 + 4^4 + 6^3 + 12^1 + 24^0 = 18 + 44 + 63 + 121 + 240 \\ 486 &:= 1^9 + 3^1 + 3^4 + 20^0 + 20^2 = 19 + 31 + 34 + 200 + 202 \\ 486 &:= 1^9 + 3^1 + 4^4 + 15^2 + 24^0 = 19 + 31 + 44 + 152 + 240 \\ 486 &:= 1^9 + 3^3 + 4^2 + 18^0 + 21^2 = 19 + 33 + 42 + 180 + 212 \\ 486 &:= 1^9 + 5^3 + 7^3 + 16^1 + 18^0 = 19 + 53 + 73 + 161 + 180 \\ 486 &:= 2^0 + 2^0 + 4^3 + 20^1 + 20^2 = 20 + 20 + 43 + 201 + 202 \\ 486 &:= 2^0 + 3^3 + 6^0 + 16^1 + 21^2 = 20 + 33 + 60 + 161 + 212 \\ 486 &:= 2^0 + 4^2 + 12^0 + 12^2 + 18^2 = 20 + 42 + 120 + 122 + 182 \end{aligned}$$

$$\begin{aligned} 486 &:= 2^0 + 6^3 + 12^0 + 12^1 + 16^2 = 20 + 63 + 120 + 121 + 162 \\ 486 &:= 2^0 + 7^3 + 8^0 + 11^2 + 20^1 = 20 + 73 + 80 + 112 + 201 \\ 486 &:= 2^0 + 8^0 + 12^2 + 12^2 + 14^2 = 20 + 80 + 122 + 122 + 142 \\ 486 &:= 2^1 + 2^1 + 13^0 + 15^2 + 16^2 = 21 + 21 + 130 + 152 + 162 \\ 486 &:= 2^1 + 2^1 + 9^2 + 15^0 + 20^2 = 21 + 21 + 92 + 150 + 202 \\ 486 &:= 2^1 + 3^0 + 5^2 + 17^1 + 21^2 = 21 + 30 + 52 + 171 + 212 \\ 486 &:= 2^1 + 6^1 + 6^2 + 13^0 + 21^2 = 21 + 61 + 62 + 130 + 212 \\ 486 &:= 2^4 + 2^6 + 3^4 + 18^2 + 22^0 = 24 + 26 + 34 + 182 + 220 \\ 486 &:= 2^5 + 2^7 + 10^2 + 15^2 + 18^0 = 25 + 27 + 102 + 152 + 180 \\ 486 &:= 2^5 + 2^7 + 6^2 + 17^2 + 20^0 = 25 + 27 + 62 + 172 + 200 \\ 486 &:= 2^6 + 2^6 + 7^3 + 14^1 + 22^0 = 26 + 26 + 73 + 141 + 220 \\ 486 &:= 2^6 + 2^7 + 4^1 + 17^2 + 22^0 = 26 + 27 + 41 + 172 + 220 \\ 486 &:= 2^7 + 3^4 + 4^4 + 18^0 + 20^1 = 27 + 34 + 44 + 180 + 201 \\ 486 &:= 2^8 + 3^4 + 5^3 + 14^0 + 23^1 = 28 + 34 + 53 + 140 + 231 \\ 486 &:= 3^0 + 3^1 + 5^2 + 16^1 + 21^2 = 30 + 31 + 52 + 161 + 212 \\ 486 &:= 3^0 + 3^3 + 5^0 + 16^1 + 21^2 = 30 + 33 + 50 + 161 + 212 \\ 486 &:= 3^0 + 4^1 + 5^2 + 15^1 + 21^2 = 30 + 41 + 52 + 151 + 212 \\ 486 &:= 3^0 + 4^2 + 11^0 + 12^2 + 18^2 = 30 + 42 + 110 + 122 + 182 \\ 486 &:= 3^0 + 5^1 + 5^2 + 14^1 + 21^2 = 30 + 51 + 52 + 141 + 212 \\ 486 &:= 3^0 + 5^2 + 6^1 + 13^1 + 21^2 = 30 + 52 + 61 + 131 + 212 \\ 486 &:= 3^0 + 5^2 + 7^1 + 12^1 + 21^2 = 30 + 52 + 71 + 121 + 212 \\ 486 &:= 3^0 + 5^2 + 8^1 + 11^1 + 21^2 = 30 + 52 + 81 + 111 + 212 \\ 486 &:= 3^0 + 5^2 + 9^1 + 10^1 + 21^2 = 30 + 52 + 91 + 101 + 212 \\ 486 &:= 3^0 + 6^3 + 11^0 + 12^1 + 16^2 = 30 + 63 + 110 + 121 + 162 \\ 486 &:= 3^0 + 7^0 + 12^2 + 12^2 + 14^2 = 30 + 70 + 122 + 122 + 142 \\ 486 &:= 3^0 + 7^0 + 7^3 + 11^2 + 20^1 = 30 + 70 + 73 + 112 + 201 \\ 486 &:= 3^1 + 5^1 + 6^2 + 13^0 + 21^2 = 31 + 51 + 62 + 130 + 212 \\ 486 &:= 3^3 + 4^0 + 4^0 + 16^1 + 21^2 = 33 + 40 + 40 + 161 + 212 \\ 486 &:= 4^0 + 4^2 + 10^0 + 12^2 + 18^2 = 40 + 42 + 100 + 122 + 182 \\ 486 &:= 4^0 + 6^0 + 12^2 + 12^2 + 14^2 = 40 + 60 + 122 + 122 + 142 \\ 486 &:= 4^0 + 6^0 + 7^3 + 11^2 + 20^1 = 40 + 60 + 73 + 112 + 201 \\ 486 &:= 4^0 + 6^3 + 10^0 + 12^1 + 16^2 = 40 + 63 + 100 + 121 + 162 \\ 486 &:= 4^1 + 4^1 + 6^2 + 13^0 + 21^2 = 41 + 41 + 62 + 130 + 212 \\ 486 &:= 4^2 + 5^0 + 9^0 + 12^2 + 18^2 = 42 + 50 + 90 + 122 + 182 \\ 486 &:= 4^2 + 6^0 + 8^0 + 12^2 + 18^2 = 42 + 60 + 80 + 122 + 182 \\ 486 &:= 4^2 + 7^0 + 7^0 + 12^2 + 18^2 = 42 + 70 + 70 + 122 + 182 \\ 486 &:= 5^0 + 5^0 + 12^2 + 12^2 + 14^2 = 50 + 50 + 122 + 122 + 142 \\ 486 &:= 5^0 + 5^0 + 7^3 + 11^2 + 20^1 = 50 + 50 + 73 + 112 + 201 \end{aligned}$$

$$486 := 5^0 + 6^3 + 9^0 + 12^1 + 16^2 = 50 + 63 + 90 + 121 + 162$$

$$486 := 6^0 + 6^3 + 8^0 + 12^1 + 16^2 = 60 + 63 + 80 + 121 + 162$$

$$486 := 6^3 + 7^0 + 7^0 + 12^1 + 16^2 = 63 + 70 + 70 + 121 + 162$$

2.2.388 Number 487

$$487 := 1^0 + 1^5 + 22^2 + 24^0 = 10 + 15 + 222 + 240$$

$$487 := 1^1 + 1^4 + 22^2 + 24^0 = 11 + 14 + 222 + 240$$

$$487 := 1^2 + 1^3 + 22^2 + 24^0 = 12 + 13 + 222 + 240$$

$$487 := 1^3 + 14^2 + 16^0 + 17^2 = 13 + 142 + 160 + 172$$

$$487 := 1^5 + 10^0 + 15^0 + 22^2 = 15 + 100 + 150 + 222$$

$$487 := 1^5 + 11^0 + 14^0 + 22^2 = 15 + 110 + 140 + 222$$

$$487 := 1^5 + 12^0 + 13^0 + 22^2 = 15 + 120 + 130 + 222$$

$$487 := 1^5 + 2^0 + 22^2 + 23^0 = 15 + 20 + 222 + 230$$

$$487 := 1^5 + 3^0 + 22^0 + 22^2 = 15 + 30 + 220 + 222$$

$$487 := 1^5 + 4^0 + 21^0 + 22^2 = 15 + 40 + 210 + 222$$

$$487 := 1^5 + 5^0 + 20^0 + 22^2 = 15 + 50 + 200 + 222$$

$$487 := 1^5 + 6^0 + 19^0 + 22^2 = 15 + 60 + 190 + 222$$

$$487 := 1^5 + 7^0 + 18^0 + 22^2 = 15 + 70 + 180 + 222$$

$$487 := 1^5 + 8^0 + 17^0 + 22^2 = 15 + 80 + 170 + 222$$

$$487 := 1^5 + 9^0 + 16^0 + 22^2 = 15 + 90 + 160 + 222$$

$$487 := 1^6 + 1^9 + 22^2 + 23^0 = 16 + 19 + 222 + 230$$

$$487 := 1^7 + 1^8 + 22^2 + 23^0 = 17 + 18 + 222 + 230$$

$$487 := 3^4 + 5^1 + 20^0 + 20^2 = 34 + 51 + 200 + 202$$

$$487 := 4^4 + 5^1 + 15^2 + 24^0 = 44 + 51 + 152 + 240$$

$$487 := 5^3 + 7^3 + 18^0 + 18^1 = 53 + 73 + 180 + 181$$

$$487 := 1^0 + 2^3 + 6^2 + 18^0 + 21^2 = 10 + 23 + 62 + 180 + 212$$

$$487 := 1^0 + 3^3 + 13^2 + 14^0 + 17^2 = 10 + 33 + 132 + 140 + 172$$

$$487 := 1^0 + 3^4 + 4^1 + 20^0 + 20^2 = 10 + 34 + 41 + 200 + 202$$

$$487 := 1^0 + 4^1 + 4^4 + 15^2 + 24^0 = 10 + 41 + 44 + 152 + 240$$

$$487 := 1^0 + 4^3 + 14^0 + 14^2 + 15^2 = 10 + 43 + 140 + 142 + 152$$

$$487 := 1^0 + 5^3 + 6^2 + 18^0 + 18^2 = 10 + 53 + 62 + 180 + 182$$

$$487 := 1^0 + 5^3 + 7^3 + 17^1 + 18^0 = 10 + 53 + 73 + 171 + 180$$

$$487 := 1^0 + 6^3 + 10^2 + 13^2 + 18^0 = 10 + 63 + 102 + 132 + 180$$

$$487 := 1^1 + 2^0 + 4^3 + 20^2 + 21^1 = 11 + 20 + 43 + 202 + 211$$

$$487 := 1^1 + 2^2 + 14^0 + 15^2 + 16^2 = 11 + 22 + 140 + 152 + 162$$

$$487 := 1^1 + 2^2 + 9^2 + 16^0 + 20^2 = 11 + 22 + 92 + 160 + 202$$

$$487 := 1^1 + 3^3 + 6^0 + 17^1 + 21^2 = 11 + 33 + 60 + 171 + 212$$

$$487 := 1^1 + 6^2 + 7^2 + 14^0 + 20^2 = 11 + 62 + 72 + 140 + 202$$

$$487 := 1^1 + 6^3 + 12^0 + 13^1 + 16^2 = 11 + 63 + 120 + 131 + 162$$

$$487 := 1^1 + 7^3 + 8^0 + 11^2 + 21^1 = 11 + 73 + 80 + 112 + 211$$

$$487 := 1^1 + 8^2 + 10^0 + 14^2 + 15^2 = 11 + 82 + 100 + 142 + 152$$

$$487 := 1^2 + 1^9 + 4^3 + 20^2 + 21^1 = 12 + 19 + 43 + 202 + 211$$

$$487 := 1^2 + 2^0 + 5^2 + 19^1 + 21^2 = 12 + 20 + 52 + 191 + 212$$

$$487 := 1^2 + 3^1 + 11^2 + 14^0 + 19^2 = 12 + 31 + 112 + 140 + 192$$

$$487 := 1^2 + 4^1 + 12^0 + 15^2 + 16^2 = 12 + 41 + 120 + 152 + 162$$

$$487 := 1^2 + 4^1 + 9^2 + 14^0 + 20^2 = 12 + 41 + 92 + 140 + 202$$

$$487 := 1^2 + 6^2 + 8^1 + 12^0 + 21^2 = 12 + 62 + 81 + 120 + 212$$

$$487 := 1^3 + 1^8 + 4^3 + 20^2 + 21^1 = 13 + 18 + 43 + 202 + 211$$

$$487 := 1^3 + 1^9 + 5^2 + 19^1 + 21^2 = 13 + 19 + 52 + 191 + 212$$

$$487 := 1^4 + 1^7 + 4^3 + 20^2 + 21^1 = 14 + 17 + 43 + 202 + 211$$

$$487 := 1^4 + 1^8 + 5^2 + 19^1 + 21^2 = 14 + 18 + 52 + 191 + 212$$

$$487 := 1^4 + 2^5 + 2^5 + 20^2 + 22^1 = 14 + 25 + 25 + 202 + 221$$

$$487 := 1^4 + 2^8 + 6^2 + 13^2 + 25^1 = 14 + 28 + 62 + 132 + 251$$

$$487 := 1^5 + 1^6 + 4^3 + 20^2 + 21^1 = 15 + 16 + 43 + 202 + 211$$

$$487 := 1^5 + 1^7 + 5^2 + 19^1 + 21^2 = 15 + 17 + 52 + 191 + 212$$

$$487 := 1^5 + 2^2 + 2^8 + 15^2 + 27^0 = 15 + 22 + 28 + 152 + 270$$

$$487 := 1^5 + 2^7 + 12^2 + 14^2 + 18^1 = 15 + 27 + 122 + 142 + 181$$

$$487 := 1^5 + 2^7 + 7^2 + 17^2 + 20^1 = 15 + 27 + 72 + 172 + 201$$

$$487 := 1^5 + 2^8 + 6^3 + 13^1 + 25^0 = 15 + 28 + 63 + 131 + 250$$

$$487 := 1^6 + 1^6 + 5^2 + 19^1 + 21^2 = 16 + 16 + 52 + 191 + 212$$

$$487 := 1^6 + 2^6 + 9^2 + 17^1 + 18^2 = 16 + 26 + 92 + 171 + 182$$

$$487 := 1^6 + 2^7 + 7^3 + 14^1 + 23^0 = 16 + 27 + 73 + 141 + 230$$

$$487 := 1^6 + 2^8 + 4^1 + 15^2 + 25^0 = 16 + 28 + 41 + 152 + 250$$

$$487 := 1^7 + 2^3 + 2^4 + 21^1 + 21^2 = 17 + 23 + 24 + 211 + 212$$

$$487 := 1^7 + 2^3 + 4^4 + 14^2 + 26^1 = 17 + 23 + 44 + 142 + 261$$

$$487 := 1^7 + 2^4 + 5^3 + 18^2 + 21^1 = 17 + 24 + 53 + 182 + 211$$

$$487 := 1^7 + 2^4 + 7^3 + 10^2 + 27^1 = 17 + 24 + 73 + 102 + 271$$

$$487 := 1^7 + 2^5 + 6^2 + 18^1 + 20^2 = 17 + 25 + 62 + 181 + 202$$

$$487 := 1^7 + 2^6 + 14^2 + 15^0 + 15^2 = 17 + 26 + 142 + 150 + 152$$

$$487 := 1^7 + 3^5 + 10^2 + 11^2 + 22^1 = 17 + 35 + 102 + 112 + 221$$

$$487 := 1^8 + 2^4 + 3^2 + 20^1 + 21^2 = 18 + 24 + 32 + 201 + 212$$

$$\begin{aligned} 487 &:= 1^8 + 2^6 + 3^0 + 20^2 + 21^1 = 18 + 26 + 30 + 202 + 211 \\ 487 &:= 1^8 + 3^2 + 4^4 + 14^2 + 25^1 = 18 + 32 + 44 + 142 + 251 \\ 487 &:= 1^8 + 3^4 + 10^2 + 16^1 + 17^2 = 18 + 34 + 102 + 161 + 172 \\ 487 &:= 1^8 + 3^4 + 5^2 + 19^1 + 19^2 = 18 + 34 + 52 + 191 + 192 \\ 487 &:= 1^8 + 3^4 + 8^2 + 17^1 + 18^2 = 18 + 34 + 82 + 171 + 182 \\ 487 &:= 1^8 + 3^5 + 11^2 + 11^2 + 21^0 = 18 + 35 + 112 + 112 + 210 \\ 487 &:= 1^8 + 3^5 + 6^3 + 11^0 + 26^1 = 18 + 35 + 63 + 110 + 261 \\ 487 &:= 1^8 + 4^4 + 8^2 + 12^2 + 22^1 = 18 + 44 + 82 + 122 + 221 \\ 487 &:= 1^8 + 5^3 + 6^3 + 11^2 + 24^1 = 18 + 53 + 63 + 112 + 241 \\ 487 &:= 1^9 + 2^2 + 3^4 + 20^2 + 21^0 = 19 + 22 + 34 + 202 + 210 \\ 487 &:= 1^9 + 2^2 + 4^4 + 15^2 + 25^0 = 19 + 22 + 44 + 152 + 250 \\ 487 &:= 1^9 + 2^5 + 11^0 + 12^1 + 21^2 = 19 + 25 + 110 + 121 + 212 \\ 487 &:= 1^9 + 3^3 + 11^2 + 14^1 + 18^2 = 19 + 33 + 112 + 141 + 182 \\ 487 &:= 1^9 + 3^5 + 11^0 + 15^2 + 17^1 = 19 + 35 + 110 + 152 + 171 \\ 487 &:= 1^9 + 4^4 + 6^3 + 13^1 + 23^0 = 19 + 44 + 63 + 131 + 230 \\ 487 &:= 1^9 + 5^2 + 6^3 + 15^2 + 20^1 = 19 + 52 + 63 + 152 + 201 \\ 487 &:= 1^9 + 5^3 + 11^2 + 15^1 + 15^2 = 19 + 53 + 112 + 151 + 152 \\ 487 &:= 1^9 + 5^3 + 6^3 + 12^2 + 23^0 = 19 + 53 + 63 + 122 + 230 \\ 487 &:= 2^0 + 2^1 + 4^3 + 20^1 + 20^2 = 20 + 21 + 43 + 201 + 202 \\ 487 &:= 2^0 + 2^2 + 12^2 + 14^1 + 18^2 = 20 + 22 + 122 + 141 + 182 \\ 487 &:= 2^0 + 2^3 + 6^2 + 17^0 + 21^2 = 20 + 23 + 62 + 170 + 212 \\ 487 &:= 2^0 + 3^1 + 4^3 + 19^1 + 20^2 = 20 + 31 + 43 + 191 + 202 \\ 487 &:= 2^0 + 3^3 + 13^0 + 13^2 + 17^2 = 20 + 33 + 130 + 132 + 172 \\ 487 &:= 2^0 + 3^4 + 4^1 + 19^0 + 20^2 = 20 + 34 + 41 + 190 + 202 \\ 487 &:= 2^0 + 4^1 + 4^3 + 18^1 + 20^2 = 20 + 41 + 43 + 181 + 202 \\ 487 &:= 2^0 + 4^1 + 4^4 + 15^2 + 23^0 = 20 + 41 + 44 + 152 + 230 \\ 487 &:= 2^0 + 4^2 + 12^1 + 13^2 + 17^2 = 20 + 42 + 121 + 132 + 172 \\ 487 &:= 2^0 + 4^3 + 10^1 + 12^1 + 20^2 = 20 + 43 + 101 + 121 + 202 \\ 487 &:= 2^0 + 4^3 + 11^1 + 11^1 + 20^2 = 20 + 43 + 111 + 111 + 202 \\ 487 &:= 2^0 + 4^3 + 13^0 + 14^2 + 15^2 = 20 + 43 + 130 + 142 + 152 \\ 487 &:= 2^0 + 4^3 + 5^1 + 17^1 + 20^2 = 20 + 43 + 51 + 171 + 202 \\ 487 &:= 2^0 + 4^3 + 6^1 + 16^1 + 20^2 = 20 + 43 + 61 + 161 + 202 \\ 487 &:= 2^0 + 4^3 + 7^1 + 15^1 + 20^2 = 20 + 43 + 71 + 151 + 202 \\ 487 &:= 2^0 + 4^3 + 8^1 + 14^1 + 20^2 = 20 + 43 + 81 + 141 + 202 \\ 487 &:= 2^0 + 4^3 + 9^1 + 13^1 + 20^2 = 20 + 43 + 91 + 131 + 202 \\ 487 &:= 2^0 + 5^2 + 11^1 + 15^2 + 15^2 = 20 + 52 + 111 + 152 + 152 \\ 487 &:= 2^0 + 5^3 + 6^2 + 17^0 + 18^2 = 20 + 53 + 62 + 170 + 182 \\ 487 &:= 2^0 + 5^3 + 7^3 + 17^0 + 17^1 = 20 + 53 + 73 + 170 + 171 \end{aligned}$$

$$\begin{aligned} 487 &:= 2^0 + 6^2 + 6^2 + 14^1 + 20^2 = 20 + 62 + 62 + 141 + 202 \\ 487 &:= 2^0 + 6^3 + 10^2 + 13^2 + 17^0 = 20 + 63 + 102 + 132 + 170 \\ 487 &:= 2^0 + 7^2 + 8^2 + 12^1 + 19^2 = 20 + 72 + 82 + 121 + 192 \\ 487 &:= 2^0 + 9^1 + 10^2 + 11^2 + 16^2 = 20 + 91 + 102 + 112 + 162 \\ 487 &:= 2^1 + 3^3 + 6^0 + 16^1 + 21^2 = 21 + 33 + 60 + 161 + 212 \\ 487 &:= 2^1 + 4^2 + 12^0 + 12^2 + 18^2 = 21 + 42 + 120 + 122 + 182 \\ 487 &:= 2^1 + 6^3 + 12^0 + 12^1 + 16^2 = 21 + 63 + 120 + 121 + 162 \\ 487 &:= 2^1 + 7^3 + 8^0 + 11^2 + 20^1 = 21 + 73 + 80 + 112 + 201 \\ 487 &:= 2^1 + 8^0 + 12^2 + 12^2 + 14^2 = 21 + 80 + 122 + 122 + 142 \\ 487 &:= 2^2 + 4^0 + 5^2 + 16^1 + 21^2 = 22 + 40 + 52 + 161 + 212 \\ 487 &:= 2^2 + 5^1 + 6^2 + 14^0 + 21^2 = 22 + 51 + 62 + 140 + 212 \\ 487 &:= 2^3 + 2^5 + 2^6 + 19^2 + 22^1 = 23 + 25 + 26 + 192 + 221 \\ 487 &:= 2^3 + 2^8 + 3^3 + 13^2 + 27^1 = 23 + 28 + 33 + 132 + 271 \\ 487 &:= 2^3 + 3^0 + 6^2 + 16^0 + 21^2 = 23 + 30 + 62 + 160 + 212 \\ 487 &:= 2^3 + 4^0 + 6^2 + 15^0 + 21^2 = 23 + 40 + 62 + 150 + 212 \\ 487 &:= 2^3 + 5^0 + 6^2 + 14^0 + 21^2 = 23 + 50 + 62 + 140 + 212 \\ 487 &:= 2^3 + 6^0 + 6^2 + 13^0 + 21^2 = 23 + 60 + 62 + 130 + 212 \\ 487 &:= 2^3 + 6^2 + 7^0 + 12^0 + 21^2 = 23 + 62 + 70 + 120 + 212 \\ 487 &:= 2^3 + 6^2 + 8^0 + 11^0 + 21^2 = 23 + 62 + 80 + 110 + 212 \\ 487 &:= 2^3 + 6^2 + 9^0 + 10^0 + 21^2 = 23 + 62 + 90 + 100 + 212 \\ 487 &:= 2^4 + 2^5 + 3^5 + 13^2 + 27^1 = 24 + 25 + 35 + 132 + 271 \\ 487 &:= 2^4 + 2^7 + 4^3 + 16^2 + 23^1 = 24 + 27 + 43 + 162 + 231 \\ 487 &:= 2^4 + 2^7 + 6^3 + 10^2 + 27^1 = 24 + 27 + 63 + 102 + 271 \\ 487 &:= 2^5 + 2^7 + 4^2 + 17^2 + 22^1 = 25 + 27 + 42 + 172 + 221 \\ 487 &:= 2^5 + 2^8 + 10^1 + 13^2 + 20^1 = 25 + 28 + 101 + 132 + 201 \\ 487 &:= 2^5 + 2^8 + 11^1 + 13^2 + 19^1 = 25 + 28 + 111 + 132 + 191 \\ 487 &:= 2^5 + 2^8 + 12^1 + 13^2 + 18^1 = 25 + 28 + 121 + 132 + 181 \\ 487 &:= 2^5 + 2^8 + 13^1 + 13^2 + 17^1 = 25 + 28 + 131 + 132 + 171 \\ 487 &:= 2^5 + 2^8 + 13^2 + 14^1 + 16^1 = 25 + 28 + 132 + 141 + 161 \\ 487 &:= 2^5 + 2^8 + 13^2 + 15^1 + 15^1 = 25 + 28 + 132 + 151 + 151 \\ 487 &:= 2^5 + 2^8 + 3^1 + 13^2 + 27^1 = 25 + 28 + 31 + 132 + 271 \\ 487 &:= 2^5 + 2^8 + 4^1 + 13^2 + 26^1 = 25 + 28 + 41 + 132 + 261 \\ 487 &:= 2^5 + 2^8 + 5^1 + 13^2 + 25^1 = 25 + 28 + 51 + 132 + 251 \\ 487 &:= 2^5 + 2^8 + 6^1 + 13^2 + 24^1 = 25 + 28 + 61 + 132 + 241 \\ 487 &:= 2^5 + 2^8 + 7^1 + 13^2 + 23^1 = 25 + 28 + 71 + 132 + 231 \\ 487 &:= 2^5 + 2^8 + 8^1 + 13^2 + 22^1 = 25 + 28 + 81 + 132 + 221 \\ 487 &:= 2^5 + 2^8 + 9^1 + 13^2 + 21^1 = 25 + 28 + 91 + 132 + 211 \\ 487 &:= 2^6 + 2^8 + 9^0 + 12^2 + 22^1 = 26 + 28 + 90 + 122 + 221 \end{aligned}$$

$$\begin{aligned} 487 &:= 2^7 + 2^7 + 5^1 + 15^2 + 23^0 = 27 + 27 + 51 + 152 + 230 \\ 487 &:= 2^7 + 3^4 + 3^4 + 14^2 + 25^0 = 27 + 34 + 34 + 142 + 250 \\ 487 &:= 3^0 + 3^3 + 12^0 + 13^2 + 17^2 = 30 + 33 + 120 + 132 + 172 \\ 487 &:= 3^0 + 3^4 + 4^1 + 18^0 + 20^2 = 30 + 34 + 41 + 180 + 202 \\ 487 &:= 3^0 + 4^1 + 4^4 + 15^2 + 22^0 = 30 + 41 + 44 + 152 + 220 \\ 487 &:= 3^0 + 4^3 + 12^0 + 14^2 + 15^2 = 30 + 43 + 120 + 142 + 152 \\ 487 &:= 3^0 + 5^3 + 6^2 + 16^0 + 18^2 = 30 + 53 + 62 + 160 + 182 \\ 487 &:= 3^0 + 5^3 + 7^3 + 16^0 + 17^1 = 30 + 53 + 73 + 160 + 171 \\ 487 &:= 3^0 + 6^3 + 10^2 + 13^2 + 16^0 = 30 + 63 + 102 + 132 + 160 \\ 487 &:= 3^1 + 3^3 + 6^0 + 15^1 + 21^2 = 31 + 33 + 60 + 151 + 212 \\ 487 &:= 3^1 + 5^2 + 10^0 + 13^2 + 17^2 = 31 + 52 + 100 + 132 + 172 \\ 487 &:= 3^1 + 6^3 + 11^1 + 12^0 + 16^2 = 31 + 63 + 111 + 120 + 162 \\ 487 &:= 3^1 + 7^3 + 8^0 + 11^2 + 19^1 = 31 + 73 + 80 + 112 + 191 \\ 487 &:= 3^2 + 4^0 + 8^2 + 13^1 + 20^2 = 32 + 40 + 82 + 131 + 202 \\ 487 &:= 3^2 + 5^2 + 8^0 + 11^1 + 21^2 = 32 + 52 + 80 + 111 + 212 \\ 487 &:= 3^2 + 6^0 + 9^1 + 12^2 + 18^2 = 32 + 60 + 91 + 122 + 182 \\ 487 &:= 3^3 + 4^0 + 11^0 + 13^2 + 17^2 = 33 + 40 + 110 + 132 + 172 \\ 487 &:= 3^3 + 4^1 + 6^0 + 14^1 + 21^2 = 33 + 41 + 60 + 141 + 212 \\ 487 &:= 3^3 + 5^0 + 10^0 + 13^2 + 17^2 = 33 + 50 + 100 + 132 + 172 \\ 487 &:= 3^3 + 5^1 + 6^0 + 13^1 + 21^2 = 33 + 51 + 60 + 131 + 212 \\ 487 &:= 3^3 + 6^0 + 6^1 + 12^1 + 21^2 = 33 + 60 + 61 + 121 + 212 \\ 487 &:= 3^3 + 6^0 + 7^1 + 11^1 + 21^2 = 33 + 60 + 71 + 111 + 212 \\ 487 &:= 3^3 + 6^0 + 8^1 + 10^1 + 21^2 = 33 + 60 + 81 + 101 + 212 \\ 487 &:= 3^3 + 6^0 + 9^0 + 13^2 + 17^2 = 33 + 60 + 90 + 132 + 172 \\ 487 &:= 3^3 + 6^0 + 9^1 + 9^1 + 21^2 = 33 + 60 + 91 + 91 + 212 \\ 487 &:= 3^3 + 7^0 + 8^0 + 13^2 + 17^2 = 33 + 70 + 80 + 132 + 172 \\ 487 &:= 3^4 + 4^0 + 4^1 + 17^0 + 20^2 = 34 + 40 + 41 + 170 + 202 \\ 487 &:= 3^4 + 4^1 + 10^0 + 11^0 + 20^2 = 34 + 41 + 100 + 110 + 202 \\ 487 &:= 3^4 + 4^1 + 5^0 + 16^0 + 20^2 = 34 + 41 + 50 + 160 + 202 \\ 487 &:= 3^4 + 4^1 + 6^0 + 15^0 + 20^2 = 34 + 41 + 60 + 150 + 202 \\ 487 &:= 3^4 + 4^1 + 7^0 + 14^0 + 20^2 = 34 + 41 + 70 + 140 + 202 \\ 487 &:= 3^4 + 4^1 + 8^0 + 13^0 + 20^2 = 34 + 41 + 80 + 130 + 202 \\ 487 &:= 3^4 + 4^1 + 9^0 + 12^0 + 20^2 = 34 + 41 + 90 + 120 + 202 \\ 487 &:= 4^0 + 4^1 + 4^4 + 15^2 + 21^0 = 40 + 41 + 44 + 152 + 210 \\ 487 &:= 4^0 + 4^3 + 11^0 + 14^2 + 15^2 = 40 + 43 + 110 + 142 + 152 \\ 487 &:= 4^0 + 5^2 + 7^2 + 12^1 + 20^2 = 40 + 52 + 72 + 121 + 202 \\ 487 &:= 4^0 + 5^2 + 9^1 + 14^2 + 16^2 = 40 + 52 + 91 + 142 + 162 \\ 487 &:= 4^0 + 5^3 + 6^2 + 15^0 + 18^2 = 40 + 53 + 62 + 150 + 182 \end{aligned}$$

$$\begin{aligned} 487 &:= 4^0 + 5^3 + 7^3 + 15^0 + 17^1 = 40 + 53 + 73 + 150 + 171 \\ 487 &:= 4^0 + 6^3 + 10^2 + 13^2 + 15^0 = 40 + 63 + 102 + 132 + 150 \\ 487 &:= 4^1 + 4^2 + 5^2 + 14^0 + 21^2 = 41 + 42 + 52 + 140 + 212 \\ 487 &:= 4^1 + 4^4 + 10^0 + 15^0 + 15^2 = 41 + 44 + 100 + 150 + 152 \\ 487 &:= 4^1 + 4^4 + 11^0 + 14^0 + 15^2 = 41 + 44 + 110 + 140 + 152 \\ 487 &:= 4^1 + 4^4 + 12^0 + 13^0 + 15^2 = 41 + 44 + 120 + 130 + 152 \\ 487 &:= 4^1 + 4^4 + 5^0 + 15^2 + 20^0 = 41 + 44 + 50 + 152 + 200 \\ 487 &:= 4^1 + 4^4 + 6^0 + 15^2 + 19^0 = 41 + 44 + 60 + 152 + 190 \\ 487 &:= 4^1 + 4^4 + 7^0 + 15^2 + 18^0 = 41 + 44 + 70 + 152 + 180 \\ 487 &:= 4^1 + 4^4 + 8^0 + 15^2 + 17^0 = 41 + 44 + 80 + 152 + 170 \\ 487 &:= 4^1 + 4^4 + 9^0 + 15^2 + 16^0 = 41 + 44 + 90 + 152 + 160 \\ 487 &:= 4^1 + 6^0 + 12^2 + 13^2 + 13^2 = 41 + 60 + 122 + 132 + 132 \\ 487 &:= 4^1 + 6^3 + 10^1 + 12^0 + 16^2 = 41 + 63 + 101 + 120 + 162 \\ 487 &:= 4^1 + 7^2 + 8^0 + 12^2 + 17^2 = 41 + 72 + 80 + 122 + 172 \\ 487 &:= 4^1 + 7^3 + 8^0 + 11^2 + 18^1 = 41 + 73 + 80 + 112 + 181 \\ 487 &:= 4^2 + 4^2 + 6^0 + 13^1 + 21^2 = 42 + 42 + 60 + 131 + 212 \\ 487 &:= 4^2 + 6^0 + 9^1 + 10^2 + 19^2 = 42 + 60 + 91 + 102 + 192 \\ 487 &:= 4^2 + 6^1 + 8^2 + 10^0 + 20^2 = 42 + 61 + 82 + 100 + 202 \\ 487 &:= 4^3 + 5^0 + 10^0 + 14^2 + 15^2 = 43 + 50 + 100 + 142 + 152 \\ 487 &:= 4^3 + 6^0 + 9^0 + 14^2 + 15^2 = 43 + 60 + 90 + 142 + 152 \\ 487 &:= 4^3 + 7^0 + 8^0 + 14^2 + 15^2 = 43 + 70 + 80 + 142 + 152 \\ 487 &:= 5^0 + 5^3 + 6^2 + 14^0 + 18^2 = 50 + 53 + 62 + 140 + 182 \\ 487 &:= 5^0 + 5^3 + 7^3 + 14^0 + 17^1 = 50 + 53 + 73 + 140 + 171 \\ 487 &:= 5^0 + 6^3 + 10^2 + 13^2 + 14^0 = 50 + 63 + 102 + 132 + 140 \\ 487 &:= 5^1 + 6^0 + 9^2 + 12^2 + 16^2 = 51 + 60 + 92 + 122 + 162 \\ 487 &:= 5^1 + 6^2 + 8^0 + 11^2 + 18^2 = 51 + 62 + 80 + 112 + 182 \\ 487 &:= 5^1 + 6^3 + 9^1 + 12^0 + 16^2 = 51 + 63 + 91 + 120 + 162 \\ 487 &:= 5^1 + 7^3 + 8^0 + 11^2 + 17^1 = 51 + 73 + 80 + 112 + 171 \\ 487 &:= 5^3 + 6^0 + 6^2 + 13^0 + 18^2 = 53 + 60 + 62 + 130 + 182 \\ 487 &:= 5^3 + 6^0 + 7^3 + 13^0 + 17^1 = 53 + 60 + 73 + 130 + 171 \\ 487 &:= 5^3 + 6^2 + 7^0 + 12^0 + 18^2 = 53 + 62 + 70 + 120 + 182 \\ 487 &:= 5^3 + 6^2 + 8^0 + 11^0 + 18^2 = 53 + 62 + 80 + 110 + 182 \\ 487 &:= 5^3 + 6^2 + 9^0 + 10^0 + 18^2 = 53 + 62 + 90 + 100 + 182 \\ 487 &:= 5^3 + 7^0 + 7^3 + 12^0 + 17^1 = 53 + 70 + 73 + 120 + 171 \\ 487 &:= 5^3 + 7^3 + 8^0 + 11^0 + 17^1 = 53 + 73 + 80 + 110 + 171 \\ 487 &:= 5^3 + 7^3 + 9^0 + 10^0 + 17^1 = 53 + 73 + 90 + 100 + 171 \\ 487 &:= 6^0 + 6^2 + 8^1 + 9^2 + 19^2 = 60 + 62 + 81 + 92 + 192 \\ 487 &:= 6^0 + 6^3 + 10^2 + 13^0 + 13^2 = 60 + 63 + 102 + 130 + 132 \end{aligned}$$

$$\begin{aligned}
 487 &:= 6^1 + 6^3 + 8^1 + 12^0 + 16^2 = 61 + 63 + 81 + 120 + 162 \\
 487 &:= 6^1 + 7^3 + 8^0 + 11^2 + 16^1 = 61 + 73 + 80 + 112 + 161 \\
 487 &:= 6^3 + 7^0 + 10^2 + 12^0 + 13^2 = 63 + 70 + 102 + 120 + 132 \\
 487 &:= 6^3 + 7^1 + 7^1 + 12^0 + 16^2 = 63 + 71 + 71 + 120 + 162 \\
 487 &:= 6^3 + 8^0 + 10^2 + 11^0 + 13^2 = 63 + 80 + 102 + 110 + 132 \\
 487 &:= 6^3 + 9^0 + 10^0 + 10^2 + 13^2 = 63 + 90 + 100 + 102 + 132
 \end{aligned}$$

$$\begin{aligned}
 487 &:= 7^1 + 7^3 + 8^0 + 11^2 + 15^1 = 71 + 73 + 80 + 112 + 151 \\
 487 &:= 7^3 + 8^0 + 10^1 + 11^2 + 12^1 = 73 + 80 + 101 + 112 + 121 \\
 487 &:= 7^3 + 8^0 + 11^1 + 11^1 + 11^2 = 73 + 80 + 111 + 111 + 112 \\
 487 &:= 7^3 + 8^0 + 8^1 + 11^2 + 14^1 = 73 + 80 + 81 + 112 + 141 \\
 487 &:= 7^3 + 8^0 + 9^1 + 11^2 + 13^1 = 73 + 80 + 91 + 112 + 131
 \end{aligned}$$

2.2.389 Number 488

$$\begin{aligned}
 488 &:= 1^2 + 4^3 + 20^2 + 23^1 = 12 + 43 + 202 + 231 \\
 488 &:= 1^3 + 5^2 + 21^1 + 21^2 = 13 + 52 + 211 + 212 \\
 488 &:= 1^3 + 5^3 + 19^2 + 23^0 = 13 + 53 + 192 + 230 \\
 488 &:= 1^5 + 2^1 + 22^2 + 23^0 = 15 + 21 + 222 + 230 \\
 488 &:= 1^8 + 3^5 + 3^5 + 40^0 = 18 + 35 + 35 + 400 \\
 488 &:= 2^5 + 11^0 + 14^1 + 21^2 = 25 + 110 + 141 + 212 \\
 488 &:= 3^3 + 11^2 + 16^1 + 18^2 = 33 + 112 + 161 + 182 \\
 488 &:= 3^5 + 11^0 + 15^2 + 19^1 = 35 + 110 + 152 + 191 \\
 488 &:= 4^4 + 6^3 + 15^1 + 23^0 = 44 + 63 + 151 + 230 \\
 488 &:= 5^2 + 6^3 + 15^2 + 22^1 = 52 + 63 + 152 + 221 \\
 488 &:= 5^3 + 11^2 + 15^2 + 17^1 = 53 + 112 + 152 + 171 \\
 488 &:= 1^0 + 1^0 + 1^6 + 22^2 + 23^0 = 10 + 10 + 16 + 222 + 230 \\
 488 &:= 1^0 + 1^1 + 1^5 + 22^2 + 23^0 = 10 + 11 + 15 + 222 + 230 \\
 488 &:= 1^0 + 1^2 + 1^4 + 22^2 + 23^0 = 10 + 12 + 14 + 222 + 230 \\
 488 &:= 1^0 + 1^2 + 4^3 + 20^2 + 22^1 = 10 + 12 + 43 + 202 + 221 \\
 488 &:= 1^0 + 1^3 + 1^3 + 22^2 + 23^0 = 10 + 13 + 13 + 222 + 230 \\
 488 &:= 1^0 + 1^3 + 5^2 + 20^1 + 21^2 = 10 + 13 + 52 + 201 + 212 \\
 488 &:= 1^0 + 1^4 + 14^2 + 15^0 + 17^2 = 10 + 14 + 142 + 150 + 172 \\
 488 &:= 1^0 + 1^6 + 10^0 + 14^0 + 22^2 = 10 + 16 + 100 + 140 + 222 \\
 488 &:= 1^0 + 1^6 + 11^0 + 13^0 + 22^2 = 10 + 16 + 110 + 130 + 222 \\
 488 &:= 1^0 + 1^6 + 12^0 + 12^0 + 22^2 = 10 + 16 + 120 + 120 + 222 \\
 488 &:= 1^0 + 1^6 + 2^0 + 22^0 + 22^2 = 10 + 16 + 20 + 220 + 222 \\
 488 &:= 1^0 + 1^6 + 3^0 + 21^0 + 22^2 = 10 + 16 + 30 + 210 + 222 \\
 488 &:= 1^0 + 1^6 + 4^0 + 20^0 + 22^2 = 10 + 16 + 40 + 200 + 222 \\
 488 &:= 1^0 + 1^6 + 5^0 + 19^0 + 22^2 = 10 + 16 + 50 + 190 + 222 \\
 488 &:= 1^0 + 1^6 + 6^0 + 18^0 + 22^2 = 10 + 16 + 60 + 180 + 222 \\
 488 &:= 1^0 + 1^6 + 7^0 + 17^0 + 22^2 = 10 + 16 + 70 + 170 + 222 \\
 488 &:= 1^0 + 1^6 + 8^0 + 16^0 + 22^2 = 10 + 16 + 80 + 160 + 222 \\
 488 &:= 1^0 + 1^6 + 9^0 + 15^0 + 22^2 = 10 + 16 + 90 + 150 + 222
 \end{aligned}$$

$$\begin{aligned}
 488 &:= 1^0 + 1^7 + 1^9 + 22^0 + 22^2 = 10 + 17 + 19 + 220 + 222 \\
 488 &:= 1^0 + 1^8 + 1^8 + 22^0 + 22^2 = 10 + 18 + 18 + 220 + 222 \\
 488 &:= 1^0 + 2^5 + 11^0 + 13^1 + 21^2 = 10 + 25 + 110 + 131 + 212 \\
 488 &:= 1^0 + 3^3 + 11^2 + 15^1 + 18^2 = 10 + 33 + 112 + 151 + 182 \\
 488 &:= 1^0 + 3^4 + 9^2 + 17^0 + 18^2 = 10 + 34 + 92 + 170 + 182 \\
 488 &:= 1^0 + 3^5 + 11^0 + 15^2 + 18^1 = 10 + 35 + 110 + 152 + 181 \\
 488 &:= 1^0 + 4^4 + 6^3 + 14^1 + 23^0 = 10 + 44 + 63 + 141 + 230 \\
 488 &:= 1^0 + 5^2 + 6^3 + 15^2 + 21^1 = 10 + 52 + 63 + 152 + 211 \\
 488 &:= 1^0 + 5^3 + 11^2 + 15^2 + 16^1 = 10 + 53 + 112 + 152 + 161 \\
 488 &:= 1^1 + 1^1 + 1^4 + 22^2 + 23^0 = 11 + 11 + 14 + 222 + 230 \\
 488 &:= 1^1 + 1^1 + 4^3 + 20^2 + 22^1 = 11 + 11 + 43 + 202 + 221 \\
 488 &:= 1^1 + 1^2 + 1^3 + 22^2 + 23^0 = 11 + 12 + 13 + 222 + 230 \\
 488 &:= 1^1 + 1^2 + 5^2 + 20^1 + 21^2 = 11 + 12 + 52 + 201 + 212 \\
 488 &:= 1^1 + 1^3 + 14^2 + 15^0 + 17^2 = 11 + 13 + 142 + 150 + 172 \\
 488 &:= 1^1 + 1^5 + 10^0 + 14^0 + 22^2 = 11 + 15 + 100 + 140 + 222 \\
 488 &:= 1^1 + 1^5 + 11^0 + 13^0 + 22^2 = 11 + 15 + 110 + 130 + 222 \\
 488 &:= 1^1 + 1^5 + 12^0 + 12^0 + 22^2 = 11 + 15 + 120 + 120 + 222 \\
 488 &:= 1^1 + 1^5 + 2^0 + 22^0 + 22^2 = 11 + 15 + 20 + 220 + 222 \\
 488 &:= 1^1 + 1^5 + 3^0 + 21^0 + 22^2 = 11 + 15 + 30 + 210 + 222 \\
 488 &:= 1^1 + 1^5 + 4^0 + 20^0 + 22^2 = 11 + 15 + 40 + 200 + 222 \\
 488 &:= 1^1 + 1^5 + 5^0 + 19^0 + 22^2 = 11 + 15 + 50 + 190 + 222 \\
 488 &:= 1^1 + 1^5 + 6^0 + 18^0 + 22^2 = 11 + 15 + 60 + 180 + 222 \\
 488 &:= 1^1 + 1^5 + 7^0 + 17^0 + 22^2 = 11 + 15 + 70 + 170 + 222 \\
 488 &:= 1^1 + 1^5 + 8^0 + 16^0 + 22^2 = 11 + 15 + 80 + 160 + 222 \\
 488 &:= 1^1 + 1^5 + 9^0 + 15^0 + 22^2 = 11 + 15 + 90 + 150 + 222 \\
 488 &:= 1^1 + 1^6 + 1^9 + 22^0 + 22^2 = 11 + 16 + 19 + 220 + 222 \\
 488 &:= 1^1 + 1^7 + 1^8 + 22^0 + 22^2 = 11 + 17 + 18 + 220 + 222 \\
 488 &:= 1^1 + 10^1 + 10^2 + 11^2 + 16^2 = 11 + 101 + 102 + 112 + 162 \\
 488 &:= 1^1 + 2^1 + 4^3 + 20^2 + 21^1 = 11 + 21 + 43 + 202 + 211
 \end{aligned}$$

$$\begin{aligned}
 488 &:= 1^1 + 2^2 + 12^2 + 15^1 + 18^2 = 11 + 22 + 122 + 151 + 182 & 488 &:= 1^2 + 4^1 + 5^2 + 17^1 + 21^2 = 12 + 41 + 52 + 171 + 212 \\
 488 &:= 1^1 + 3^1 + 4^3 + 20^1 + 20^2 = 11 + 31 + 43 + 201 + 202 & 488 &:= 1^2 + 5^1 + 5^2 + 16^1 + 21^2 = 12 + 51 + 52 + 161 + 212 \\
 488 &:= 1^1 + 3^4 + 5^1 + 19^0 + 20^2 = 11 + 34 + 51 + 190 + 202 & 488 &:= 1^2 + 5^2 + 10^1 + 11^1 + 21^2 = 12 + 52 + 101 + 111 + 212 \\
 488 &:= 1^1 + 4^1 + 4^3 + 19^1 + 20^2 = 11 + 41 + 43 + 191 + 202 & 488 &:= 1^2 + 5^2 + 10^2 + 13^0 + 19^2 = 12 + 52 + 102 + 130 + 192 \\
 488 &:= 1^1 + 4^2 + 13^1 + 13^2 + 17^2 = 11 + 42 + 131 + 132 + 172 & 488 &:= 1^2 + 5^2 + 6^1 + 15^1 + 21^2 = 12 + 52 + 61 + 151 + 212 \\
 488 &:= 1^1 + 4^3 + 10^1 + 13^1 + 20^2 = 11 + 43 + 101 + 131 + 202 & 488 &:= 1^2 + 5^2 + 7^1 + 14^1 + 21^2 = 12 + 52 + 71 + 141 + 212 \\
 488 &:= 1^1 + 4^3 + 11^1 + 12^1 + 20^2 = 11 + 43 + 111 + 121 + 202 & 488 &:= 1^2 + 5^2 + 8^1 + 13^1 + 21^2 = 12 + 52 + 81 + 131 + 212 \\
 488 &:= 1^1 + 4^3 + 5^1 + 18^1 + 20^2 = 11 + 43 + 51 + 181 + 202 & 488 &:= 1^2 + 5^2 + 9^1 + 12^1 + 21^2 = 12 + 52 + 91 + 121 + 212 \\
 488 &:= 1^1 + 4^3 + 6^1 + 17^1 + 20^2 = 11 + 43 + 61 + 171 + 202 & 488 &:= 1^2 + 6^2 + 11^0 + 15^2 + 15^2 = 12 + 62 + 110 + 152 + 152 \\
 488 &:= 1^1 + 4^3 + 7^1 + 16^1 + 20^2 = 11 + 43 + 71 + 161 + 202 & 488 &:= 1^2 + 6^3 + 11^0 + 14^1 + 16^2 = 12 + 63 + 110 + 141 + 162 \\
 488 &:= 1^1 + 4^3 + 8^1 + 15^1 + 20^2 = 11 + 43 + 81 + 151 + 202 & 488 &:= 1^2 + 7^0 + 7^3 + 11^2 + 22^1 = 12 + 70 + 73 + 112 + 221 \\
 488 &:= 1^1 + 4^3 + 9^1 + 14^1 + 20^2 = 11 + 43 + 91 + 141 + 202 & 488 &:= 1^2 + 9^0 + 11^2 + 13^2 + 14^2 = 12 + 90 + 112 + 132 + 142 \\
 488 &:= 1^1 + 4^4 + 5^1 + 15^2 + 23^0 = 11 + 44 + 51 + 152 + 230 & 488 &:= 1^2 + 9^2 + 9^2 + 11^0 + 18^2 = 12 + 92 + 92 + 110 + 182 \\
 488 &:= 1^1 + 5^2 + 12^1 + 15^2 + 15^2 = 11 + 52 + 121 + 152 + 152 & 488 &:= 1^3 + 1^3 + 10^0 + 14^0 + 22^2 = 13 + 13 + 100 + 140 + 222 \\
 488 &:= 1^1 + 5^3 + 7^3 + 17^0 + 18^1 = 11 + 53 + 73 + 170 + 181 & 488 &:= 1^3 + 1^3 + 11^0 + 13^0 + 22^2 = 13 + 13 + 110 + 130 + 222 \\
 488 &:= 1^1 + 6^2 + 6^2 + 15^1 + 20^2 = 11 + 62 + 62 + 151 + 202 & 488 &:= 1^3 + 1^3 + 12^0 + 12^0 + 22^2 = 13 + 13 + 120 + 120 + 222 \\
 488 &:= 1^1 + 7^2 + 8^2 + 13^1 + 19^2 = 11 + 72 + 82 + 131 + 192 & 488 &:= 1^3 + 1^3 + 2^0 + 22^0 + 22^2 = 13 + 13 + 20 + 220 + 222 \\
 488 &:= 1^2 + 1^2 + 1^2 + 22^2 + 23^0 = 12 + 12 + 12 + 222 + 230 & 488 &:= 1^3 + 1^3 + 3^0 + 21^0 + 22^2 = 13 + 13 + 30 + 210 + 222 \\
 488 &:= 1^2 + 1^2 + 14^2 + 15^0 + 17^2 = 12 + 12 + 142 + 150 + 172 & 488 &:= 1^3 + 1^3 + 4^0 + 20^0 + 22^2 = 13 + 13 + 40 + 200 + 222 \\
 488 &:= 1^2 + 1^4 + 10^0 + 14^0 + 22^2 = 12 + 14 + 100 + 140 + 222 & 488 &:= 1^3 + 1^3 + 5^0 + 19^0 + 22^2 = 13 + 13 + 50 + 190 + 222 \\
 488 &:= 1^2 + 1^4 + 11^0 + 13^0 + 22^2 = 12 + 14 + 110 + 130 + 222 & 488 &:= 1^3 + 1^3 + 6^0 + 18^0 + 22^2 = 13 + 13 + 60 + 180 + 222 \\
 488 &:= 1^2 + 1^4 + 12^0 + 12^0 + 22^2 = 12 + 14 + 120 + 120 + 222 & 488 &:= 1^3 + 1^3 + 7^0 + 17^0 + 22^2 = 13 + 13 + 70 + 170 + 222 \\
 488 &:= 1^2 + 1^4 + 2^0 + 22^0 + 22^2 = 12 + 14 + 20 + 220 + 222 & 488 &:= 1^3 + 1^3 + 8^0 + 16^0 + 22^2 = 13 + 13 + 80 + 160 + 222 \\
 488 &:= 1^2 + 1^4 + 3^0 + 21^0 + 22^2 = 12 + 14 + 30 + 210 + 222 & 488 &:= 1^3 + 1^3 + 9^0 + 15^0 + 22^2 = 13 + 13 + 90 + 150 + 222 \\
 488 &:= 1^2 + 1^4 + 4^0 + 20^0 + 22^2 = 12 + 14 + 40 + 200 + 222 & 488 &:= 1^3 + 1^4 + 1^9 + 22^0 + 22^2 = 13 + 14 + 19 + 220 + 222 \\
 488 &:= 1^2 + 1^4 + 5^0 + 19^0 + 22^2 = 12 + 14 + 50 + 190 + 222 & 488 &:= 1^3 + 1^5 + 1^8 + 22^0 + 22^2 = 13 + 15 + 18 + 220 + 222 \\
 488 &:= 1^2 + 1^4 + 6^0 + 18^0 + 22^2 = 12 + 14 + 60 + 180 + 222 & 488 &:= 1^3 + 1^6 + 1^7 + 22^0 + 22^2 = 13 + 16 + 17 + 220 + 222 \\
 488 &:= 1^2 + 1^4 + 7^0 + 17^0 + 22^2 = 12 + 14 + 70 + 170 + 222 & 488 &:= 1^3 + 4^1 + 11^2 + 13^0 + 19^2 = 13 + 41 + 112 + 130 + 192 \\
 488 &:= 1^2 + 1^4 + 8^0 + 16^0 + 22^2 = 12 + 14 + 80 + 160 + 222 & 488 &:= 1^3 + 5^1 + 11^0 + 15^2 + 16^2 = 13 + 51 + 110 + 152 + 162 \\
 488 &:= 1^2 + 1^4 + 9^0 + 15^0 + 22^2 = 12 + 14 + 90 + 150 + 222 & 488 &:= 1^3 + 5^1 + 9^2 + 13^0 + 20^2 = 13 + 51 + 92 + 130 + 202 \\
 488 &:= 1^2 + 1^5 + 1^9 + 22^0 + 22^2 = 12 + 15 + 19 + 220 + 222 & 488 &:= 1^3 + 6^2 + 9^1 + 11^0 + 21^2 = 13 + 62 + 91 + 110 + 212 \\
 488 &:= 1^2 + 1^6 + 1^8 + 22^0 + 22^2 = 12 + 16 + 18 + 220 + 222 & 488 &:= 1^4 + 1^4 + 1^8 + 22^0 + 22^2 = 14 + 14 + 18 + 220 + 222 \\
 488 &:= 1^2 + 1^7 + 1^7 + 22^0 + 22^2 = 12 + 17 + 17 + 220 + 222 & 488 &:= 1^4 + 1^5 + 1^7 + 22^0 + 22^2 = 14 + 15 + 17 + 220 + 222 \\
 488 &:= 1^2 + 2^1 + 5^2 + 19^1 + 21^2 = 12 + 21 + 52 + 191 + 212 & 488 &:= 1^4 + 1^6 + 1^6 + 22^0 + 22^2 = 14 + 16 + 16 + 220 + 222 \\
 488 &:= 1^2 + 2^2 + 11^2 + 15^0 + 19^2 = 12 + 22 + 112 + 150 + 192 & 488 &:= 1^4 + 2^0 + 14^0 + 14^2 + 17^2 = 14 + 20 + 140 + 142 + 172 \\
 488 &:= 1^2 + 3^1 + 5^2 + 18^1 + 21^2 = 12 + 31 + 52 + 181 + 212 & 488 &:= 1^4 + 3^0 + 13^0 + 14^2 + 17^2 = 14 + 30 + 130 + 142 + 172 \\
 488 &:= 1^2 + 3^2 + 6^2 + 17^0 + 21^2 = 12 + 32 + 62 + 170 + 212 & 488 &:= 1^4 + 4^0 + 12^0 + 14^2 + 17^2 = 14 + 40 + 120 + 142 + 172 \\
 488 &:= 1^2 + 3^3 + 5^0 + 18^1 + 21^2 = 12 + 33 + 50 + 181 + 212 & 488 &:= 1^4 + 5^0 + 11^0 + 14^2 + 17^2 = 14 + 50 + 110 + 142 + 172
 \end{aligned}$$

$$\begin{aligned} 488 &:= 1^4 + 6^0 + 10^0 + 14^2 + 17^2 = 14 + 60 + 100 + 142 + 172 & 488 &:= 1^6 + 5^0 + 9^0 + 11^0 + 22^2 = 16 + 50 + 90 + 110 + 222 \\ 488 &:= 1^4 + 7^0 + 9^0 + 14^2 + 17^2 = 14 + 70 + 90 + 142 + 172 & 488 &:= 1^6 + 6^0 + 6^0 + 13^0 + 22^2 = 16 + 60 + 60 + 130 + 222 \\ 488 &:= 1^4 + 8^0 + 8^0 + 14^2 + 17^2 = 14 + 80 + 80 + 142 + 172 & 488 &:= 1^6 + 6^0 + 7^0 + 12^0 + 22^2 = 16 + 60 + 70 + 120 + 222 \\ 488 &:= 1^5 + 1^5 + 1^6 + 22^0 + 22^2 = 15 + 15 + 16 + 220 + 222 & 488 &:= 1^6 + 6^0 + 8^0 + 11^0 + 22^2 = 16 + 60 + 80 + 110 + 222 \\ 488 &:= 1^5 + 1^9 + 14^0 + 14^2 + 17^2 = 15 + 19 + 140 + 142 + 172 & 488 &:= 1^6 + 6^0 + 9^0 + 10^0 + 22^2 = 16 + 60 + 90 + 100 + 222 \\ 488 &:= 1^6 + 1^8 + 14^0 + 14^2 + 17^2 = 16 + 18 + 140 + 142 + 172 & 488 &:= 1^6 + 7^0 + 7^0 + 11^0 + 22^2 = 16 + 70 + 70 + 110 + 222 \\ 488 &:= 1^6 + 2^0 + 10^0 + 13^0 + 22^2 = 16 + 20 + 100 + 130 + 222 & 488 &:= 1^6 + 7^0 + 8^0 + 10^0 + 22^2 = 16 + 70 + 80 + 100 + 222 \\ 488 &:= 1^6 + 2^0 + 11^0 + 12^0 + 22^2 = 16 + 20 + 110 + 120 + 222 & 488 &:= 1^6 + 7^0 + 9^0 + 9^0 + 22^2 = 16 + 70 + 90 + 90 + 222 \\ 488 &:= 1^6 + 2^0 + 2^0 + 21^0 + 22^2 = 16 + 20 + 20 + 210 + 222 & 488 &:= 1^6 + 8^0 + 8^0 + 9^0 + 22^2 = 16 + 80 + 80 + 90 + 222 \\ 488 &:= 1^6 + 2^0 + 3^0 + 20^0 + 22^2 = 16 + 20 + 30 + 200 + 222 & 488 &:= 1^7 + 1^7 + 14^0 + 14^2 + 17^2 = 17 + 17 + 140 + 142 + 172 \\ 488 &:= 1^6 + 2^0 + 4^0 + 19^0 + 22^2 = 16 + 20 + 40 + 190 + 222 & 488 &:= 1^7 + 1^9 + 10^0 + 13^0 + 22^2 = 17 + 19 + 100 + 130 + 222 \\ 488 &:= 1^6 + 2^0 + 5^0 + 18^0 + 22^2 = 16 + 20 + 50 + 180 + 222 & 488 &:= 1^7 + 1^9 + 11^0 + 12^0 + 22^2 = 17 + 19 + 110 + 120 + 222 \\ 488 &:= 1^6 + 2^0 + 6^0 + 17^0 + 22^2 = 16 + 20 + 60 + 170 + 222 & 488 &:= 1^7 + 1^9 + 2^0 + 21^0 + 22^2 = 17 + 19 + 20 + 210 + 222 \\ 488 &:= 1^6 + 2^0 + 7^0 + 16^0 + 22^2 = 16 + 20 + 70 + 160 + 222 & 488 &:= 1^7 + 1^9 + 3^0 + 20^0 + 22^2 = 17 + 19 + 30 + 200 + 222 \\ 488 &:= 1^6 + 2^0 + 8^0 + 15^0 + 22^2 = 16 + 20 + 80 + 150 + 222 & 488 &:= 1^7 + 1^9 + 4^0 + 19^0 + 22^2 = 17 + 19 + 40 + 190 + 222 \\ 488 &:= 1^6 + 2^0 + 9^0 + 14^0 + 22^2 = 16 + 20 + 90 + 140 + 222 & 488 &:= 1^7 + 1^9 + 5^0 + 18^0 + 22^2 = 17 + 19 + 50 + 180 + 222 \\ 488 &:= 1^6 + 2^8 + 6^3 + 14^1 + 24^0 = 16 + 28 + 63 + 141 + 240 & 488 &:= 1^7 + 1^9 + 6^0 + 17^0 + 22^2 = 17 + 19 + 60 + 170 + 222 \\ 488 &:= 1^6 + 3^0 + 10^0 + 12^0 + 22^2 = 16 + 30 + 100 + 120 + 222 & 488 &:= 1^7 + 1^9 + 7^0 + 16^0 + 22^2 = 17 + 19 + 70 + 160 + 222 \\ 488 &:= 1^6 + 3^0 + 11^0 + 11^0 + 22^2 = 16 + 30 + 110 + 110 + 222 & 488 &:= 1^7 + 1^9 + 8^0 + 15^0 + 22^2 = 17 + 19 + 80 + 150 + 222 \\ 488 &:= 1^6 + 3^0 + 3^0 + 19^0 + 22^2 = 16 + 30 + 30 + 190 + 222 & 488 &:= 1^7 + 1^9 + 9^0 + 14^0 + 22^2 = 17 + 19 + 90 + 140 + 222 \\ 488 &:= 1^6 + 3^0 + 4^0 + 18^0 + 22^2 = 16 + 30 + 40 + 180 + 222 & 488 &:= 1^7 + 2^7 + 7^3 + 15^1 + 22^0 = 17 + 27 + 73 + 151 + 220 \\ 488 &:= 1^6 + 3^0 + 5^0 + 17^0 + 22^2 = 16 + 30 + 50 + 170 + 222 & 488 &:= 1^7 + 2^8 + 5^1 + 15^2 + 24^0 = 17 + 28 + 51 + 152 + 240 \\ 488 &:= 1^6 + 3^0 + 6^0 + 16^0 + 22^2 = 16 + 30 + 60 + 160 + 222 & 488 &:= 1^8 + 1^8 + 10^0 + 13^0 + 22^2 = 18 + 18 + 100 + 130 + 222 \\ 488 &:= 1^6 + 3^0 + 7^0 + 15^0 + 22^2 = 16 + 30 + 70 + 150 + 222 & 488 &:= 1^8 + 1^8 + 11^0 + 12^0 + 22^2 = 18 + 18 + 110 + 120 + 222 \\ 488 &:= 1^6 + 3^0 + 8^0 + 14^0 + 22^2 = 16 + 30 + 80 + 140 + 222 & 488 &:= 1^8 + 1^8 + 2^0 + 21^0 + 22^2 = 18 + 18 + 20 + 210 + 222 \\ 488 &:= 1^6 + 3^0 + 9^0 + 13^0 + 22^2 = 16 + 30 + 90 + 130 + 222 & 488 &:= 1^8 + 1^8 + 3^0 + 20^0 + 22^2 = 18 + 18 + 30 + 200 + 222 \\ 488 &:= 1^6 + 4^0 + 10^0 + 11^0 + 22^2 = 16 + 40 + 100 + 110 + 222 & 488 &:= 1^8 + 1^8 + 4^0 + 19^0 + 22^2 = 18 + 18 + 40 + 190 + 222 \\ 488 &:= 1^6 + 4^0 + 4^0 + 17^0 + 22^2 = 16 + 40 + 40 + 170 + 222 & 488 &:= 1^8 + 1^8 + 5^0 + 18^0 + 22^2 = 18 + 18 + 50 + 180 + 222 \\ 488 &:= 1^6 + 4^0 + 5^0 + 16^0 + 22^2 = 16 + 40 + 50 + 160 + 222 & 488 &:= 1^8 + 1^8 + 6^0 + 17^0 + 22^2 = 18 + 18 + 60 + 170 + 222 \\ 488 &:= 1^6 + 4^0 + 6^0 + 15^0 + 22^2 = 16 + 40 + 60 + 150 + 222 & 488 &:= 1^8 + 1^8 + 7^0 + 16^0 + 22^2 = 18 + 18 + 70 + 160 + 222 \\ 488 &:= 1^6 + 4^0 + 7^0 + 14^0 + 22^2 = 16 + 40 + 70 + 140 + 222 & 488 &:= 1^8 + 1^8 + 8^0 + 15^0 + 22^2 = 18 + 18 + 80 + 150 + 222 \\ 488 &:= 1^6 + 4^0 + 8^0 + 13^0 + 22^2 = 16 + 40 + 80 + 130 + 222 & 488 &:= 1^8 + 1^8 + 9^0 + 14^0 + 22^2 = 18 + 18 + 90 + 140 + 222 \\ 488 &:= 1^6 + 4^0 + 9^0 + 12^0 + 22^2 = 16 + 40 + 90 + 120 + 222 & 488 &:= 1^8 + 1^9 + 1^9 + 21^0 + 22^2 = 18 + 19 + 19 + 210 + 222 \\ 488 &:= 1^6 + 5^0 + 10^0 + 10^0 + 22^2 = 16 + 50 + 100 + 100 + 222 & 488 &:= 1^8 + 3^4 + 3^4 + 18^2 + 22^0 = 18 + 34 + 34 + 182 + 220 \\ 488 &:= 1^6 + 5^0 + 5^0 + 15^0 + 22^2 = 16 + 50 + 50 + 150 + 222 & 488 &:= 1^9 + 2^0 + 2^6 + 20^2 + 22^1 = 19 + 20 + 26 + 202 + 221 \\ 488 &:= 1^6 + 5^0 + 6^0 + 14^0 + 22^2 = 16 + 50 + 60 + 140 + 222 & 488 &:= 1^9 + 3^5 + 6^3 + 10^0 + 27^1 = 19 + 35 + 63 + 100 + 271 \\ 488 &:= 1^6 + 5^0 + 7^0 + 13^0 + 22^2 = 16 + 50 + 70 + 130 + 222 & 488 &:= 2^0 + 2^5 + 10^0 + 13^1 + 21^2 = 20 + 25 + 100 + 131 + 212 \\ 488 &:= 1^6 + 5^0 + 8^0 + 12^0 + 22^2 = 16 + 50 + 80 + 120 + 222 & 488 &:= 2^0 + 3^4 + 9^2 + 16^0 + 18^2 = 20 + 34 + 92 + 160 + 182 \end{aligned}$$

$$\begin{aligned} 488 &:= 2^0 + 3^5 + 10^0 + 15^2 + 18^1 = 20 + 35 + 100 + 152 + 181 & 488 &:= 2^3 + 5^0 + 11^1 + 12^2 + 18^2 = 23 + 50 + 111 + 122 + 182 \\ 488 &:= 2^0 + 4^4 + 6^3 + 14^1 + 22^0 = 20 + 44 + 63 + 141 + 220 & 488 &:= 2^3 + 5^2 + 7^0 + 13^1 + 21^2 = 23 + 52 + 70 + 131 + 212 \\ 488 &:= 2^1 + 2^1 + 4^3 + 20^1 + 20^2 = 21 + 21 + 43 + 201 + 202 & 488 &:= 2^5 + 3^0 + 9^0 + 13^1 + 21^2 = 25 + 30 + 90 + 131 + 212 \\ 488 &:= 2^1 + 2^2 + 12^2 + 14^1 + 18^2 = 21 + 22 + 122 + 141 + 182 & 488 &:= 2^5 + 4^0 + 8^0 + 13^1 + 21^2 = 25 + 40 + 80 + 131 + 212 \\ 488 &:= 2^1 + 2^3 + 6^2 + 17^0 + 21^2 = 21 + 23 + 62 + 170 + 212 & 488 &:= 2^5 + 5^0 + 7^0 + 13^1 + 21^2 = 25 + 50 + 70 + 131 + 212 \\ 488 &:= 2^1 + 3^1 + 4^3 + 19^1 + 20^2 = 21 + 31 + 43 + 191 + 202 & 488 &:= 2^5 + 6^0 + 6^0 + 13^1 + 21^2 = 25 + 60 + 60 + 131 + 212 \\ 488 &:= 2^1 + 3^3 + 13^0 + 13^2 + 17^2 = 21 + 33 + 130 + 132 + 172 & 488 &:= 2^7 + 2^7 + 6^3 + 15^1 + 22^0 = 27 + 27 + 63 + 151 + 220 \\ 488 &:= 2^1 + 3^4 + 4^1 + 19^0 + 20^2 = 21 + 34 + 41 + 190 + 202 & 488 &:= 2^7 + 2^8 + 9^2 + 12^0 + 22^1 = 27 + 28 + 92 + 120 + 221 \\ 488 &:= 2^1 + 4^1 + 4^3 + 18^1 + 20^2 = 21 + 41 + 43 + 181 + 202 & 488 &:= 3^0 + 3^4 + 9^2 + 15^0 + 18^2 = 30 + 34 + 92 + 150 + 182 \\ 488 &:= 2^1 + 4^1 + 4^4 + 15^2 + 23^0 = 21 + 41 + 44 + 152 + 230 & 488 &:= 3^0 + 3^5 + 9^0 + 15^2 + 18^1 = 30 + 35 + 90 + 152 + 181 \\ 488 &:= 2^1 + 4^2 + 12^1 + 13^2 + 17^2 = 21 + 42 + 121 + 132 + 172 & 488 &:= 3^0 + 4^3 + 11^2 + 13^1 + 17^2 = 30 + 43 + 112 + 131 + 172 \\ 488 &:= 2^1 + 4^3 + 10^1 + 12^1 + 20^2 = 21 + 43 + 101 + 121 + 202 & 488 &:= 3^0 + 4^4 + 6^3 + 14^1 + 21^0 = 30 + 44 + 63 + 141 + 210 \\ 488 &:= 2^1 + 4^3 + 11^1 + 11^1 + 20^2 = 21 + 43 + 111 + 111 + 202 & 488 &:= 3^1 + 3^1 + 3^4 + 19^0 + 20^2 = 31 + 31 + 34 + 190 + 202 \\ 488 &:= 2^1 + 4^3 + 13^0 + 14^2 + 15^2 = 21 + 43 + 130 + 142 + 152 & 488 &:= 3^1 + 3^1 + 4^3 + 18^1 + 20^2 = 31 + 31 + 43 + 181 + 202 \\ 488 &:= 2^1 + 4^3 + 5^1 + 17^1 + 20^2 = 21 + 43 + 51 + 171 + 202 & 488 &:= 3^1 + 3^1 + 4^4 + 15^2 + 23^0 = 31 + 31 + 44 + 152 + 230 \\ 488 &:= 2^1 + 4^3 + 6^1 + 16^1 + 20^2 = 21 + 43 + 61 + 161 + 202 & 488 &:= 3^1 + 3^3 + 4^2 + 17^0 + 21^2 = 31 + 33 + 42 + 170 + 212 \\ 488 &:= 2^1 + 4^3 + 7^1 + 15^1 + 20^2 = 21 + 43 + 71 + 151 + 202 & 488 &:= 3^1 + 4^1 + 4^3 + 17^1 + 20^2 = 31 + 41 + 43 + 171 + 202 \\ 488 &:= 2^1 + 4^3 + 8^1 + 14^1 + 20^2 = 21 + 43 + 81 + 141 + 202 & 488 &:= 3^1 + 4^2 + 11^1 + 13^2 + 17^2 = 31 + 42 + 111 + 132 + 172 \\ 488 &:= 2^1 + 4^3 + 9^1 + 13^1 + 20^2 = 21 + 43 + 91 + 131 + 202 & 488 &:= 3^1 + 4^3 + 10^1 + 11^1 + 20^2 = 31 + 43 + 101 + 111 + 202 \\ 488 &:= 2^1 + 5^2 + 11^1 + 15^2 + 15^2 = 21 + 52 + 111 + 152 + 152 & 488 &:= 3^1 + 4^3 + 5^1 + 16^1 + 20^2 = 31 + 43 + 51 + 161 + 202 \\ 488 &:= 2^1 + 5^3 + 6^2 + 17^0 + 18^2 = 21 + 53 + 62 + 170 + 182 & 488 &:= 3^1 + 4^3 + 6^1 + 15^1 + 20^2 = 31 + 43 + 61 + 151 + 202 \\ 488 &:= 2^1 + 5^3 + 7^3 + 17^0 + 17^1 = 21 + 53 + 73 + 170 + 171 & 488 &:= 3^1 + 4^3 + 7^1 + 14^1 + 20^2 = 31 + 43 + 71 + 141 + 202 \\ 488 &:= 2^1 + 6^2 + 6^2 + 14^1 + 20^2 = 21 + 62 + 62 + 141 + 202 & 488 &:= 3^1 + 4^3 + 8^1 + 13^1 + 20^2 = 31 + 43 + 81 + 131 + 202 \\ 488 &:= 2^1 + 6^3 + 10^2 + 13^2 + 17^0 = 21 + 63 + 102 + 132 + 170 & 488 &:= 3^1 + 4^3 + 9^1 + 12^1 + 20^2 = 31 + 43 + 91 + 121 + 202 \\ 488 &:= 2^1 + 7^2 + 8^2 + 12^1 + 19^2 = 21 + 72 + 82 + 121 + 192 & 488 &:= 3^1 + 5^2 + 10^1 + 15^2 + 15^2 = 31 + 52 + 101 + 152 + 152 \\ 488 &:= 2^1 + 9^1 + 10^2 + 11^2 + 16^2 = 21 + 91 + 102 + 112 + 162 & 488 &:= 3^1 + 5^3 + 7^3 + 16^1 + 17^0 = 31 + 53 + 73 + 161 + 170 \\ 488 &:= 2^2 + 3^0 + 4^3 + 19^1 + 20^2 = 22 + 30 + 43 + 191 + 202 & 488 &:= 3^1 + 6^2 + 6^2 + 13^1 + 20^2 = 31 + 62 + 62 + 131 + 202 \\ 488 &:= 2^2 + 3^1 + 12^2 + 13^1 + 18^2 = 22 + 31 + 122 + 131 + 182 & 488 &:= 3^1 + 7^2 + 8^2 + 11^1 + 19^2 = 31 + 72 + 82 + 111 + 192 \\ 488 &:= 2^2 + 3^3 + 7^0 + 15^1 + 21^2 = 22 + 33 + 70 + 151 + 212 & 488 &:= 3^1 + 8^1 + 10^2 + 11^2 + 16^2 = 31 + 81 + 102 + 112 + 162 \\ 488 &:= 2^2 + 4^1 + 12^1 + 12^2 + 18^2 = 22 + 41 + 121 + 122 + 182 & 488 &:= 3^2 + 3^3 + 10^1 + 11^0 + 21^2 = 32 + 33 + 101 + 110 + 212 \\ 488 &:= 2^2 + 5^1 + 11^1 + 12^2 + 18^2 = 22 + 51 + 111 + 122 + 182 & 488 &:= 3^2 + 4^3 + 7^0 + 14^1 + 20^2 = 32 + 43 + 70 + 141 + 202 \\ 488 &:= 2^2 + 5^2 + 11^0 + 13^2 + 17^2 = 22 + 52 + 110 + 132 + 172 & 488 &:= 3^2 + 6^1 + 6^3 + 16^2 + 17^0 = 32 + 61 + 63 + 162 + 170 \\ 488 &:= 2^2 + 6^1 + 10^1 + 12^2 + 18^2 = 22 + 61 + 101 + 122 + 182 & 488 &:= 3^2 + 6^2 + 9^2 + 11^0 + 19^2 = 32 + 62 + 92 + 110 + 192 \\ 488 &:= 2^2 + 6^3 + 11^1 + 13^0 + 16^2 = 22 + 63 + 111 + 130 + 162 & 488 &:= 3^2 + 7^3 + 11^2 + 13^0 + 14^1 = 32 + 73 + 112 + 130 + 141 \\ 488 &:= 2^2 + 7^1 + 9^1 + 12^2 + 18^2 = 22 + 71 + 91 + 122 + 182 & 488 &:= 3^3 + 5^0 + 10^1 + 15^2 + 15^2 = 33 + 50 + 101 + 152 + 152 \\ 488 &:= 2^2 + 7^3 + 9^0 + 11^2 + 19^1 = 22 + 73 + 90 + 112 + 191 & 488 &:= 3^3 + 7^0 + 7^2 + 11^1 + 20^2 = 33 + 70 + 72 + 111 + 202 \\ 488 &:= 2^2 + 8^1 + 8^1 + 12^2 + 18^2 = 22 + 81 + 81 + 122 + 182 & 488 &:= 3^3 + 7^0 + 8^1 + 14^2 + 16^2 = 33 + 70 + 81 + 142 + 162 \\ 488 &:= 2^3 + 3^0 + 8^2 + 15^1 + 20^2 = 23 + 30 + 82 + 151 + 202 & 488 &:= 3^4 + 4^0 + 9^2 + 14^0 + 18^2 = 34 + 40 + 92 + 140 + 182 \end{aligned}$$

$488 := 3^4 + 5^0 + 9^2 + 13^0 + 18^2 = 34 + 50 + 92 + 130 + 182$	$488 := 4^3 + 7^1 + 8^1 + 9^1 + 20^2 = 43 + 71 + 81 + 91 + 202$
$488 := 3^4 + 6^0 + 9^2 + 12^0 + 18^2 = 34 + 60 + 92 + 120 + 182$	$488 := 4^3 + 8^1 + 8^1 + 8^1 + 20^2 = 43 + 81 + 81 + 81 + 202$
$488 := 3^4 + 7^0 + 9^2 + 11^0 + 18^2 = 34 + 70 + 92 + 110 + 182$	$488 := 4^4 + 5^0 + 6^3 + 14^1 + 19^0 = 44 + 50 + 63 + 141 + 190$
$488 := 3^4 + 8^0 + 9^2 + 10^0 + 18^2 = 34 + 80 + 92 + 100 + 182$	$488 := 4^4 + 6^0 + 6^3 + 14^1 + 18^0 = 44 + 60 + 63 + 141 + 180$
$488 := 3^4 + 9^0 + 9^0 + 9^2 + 18^2 = 34 + 90 + 90 + 92 + 182$	$488 := 4^4 + 6^3 + 10^0 + 14^0 + 14^1 = 44 + 63 + 100 + 140 + 141$
$488 := 3^5 + 4^0 + 8^0 + 15^2 + 18^1 = 35 + 40 + 80 + 152 + 181$	$488 := 4^4 + 6^3 + 11^0 + 13^0 + 14^1 = 44 + 63 + 110 + 130 + 141$
$488 := 3^5 + 5^0 + 7^0 + 15^2 + 18^1 = 35 + 50 + 70 + 152 + 181$	$488 := 4^4 + 6^3 + 12^0 + 12^0 + 14^1 = 44 + 63 + 120 + 120 + 141$
$488 := 3^5 + 6^0 + 6^0 + 15^2 + 18^1 = 35 + 60 + 60 + 152 + 181$	$488 := 4^4 + 6^3 + 7^0 + 14^1 + 17^0 = 44 + 63 + 70 + 141 + 170$
$488 := 4^0 + 4^4 + 6^3 + 14^1 + 20^0 = 40 + 44 + 63 + 141 + 200$	$488 := 4^4 + 6^3 + 8^0 + 14^1 + 16^0 = 44 + 63 + 80 + 141 + 160$
$488 := 4^1 + 4^1 + 4^3 + 16^1 + 20^2 = 41 + 41 + 43 + 161 + 202$	$488 := 4^4 + 6^3 + 9^0 + 14^1 + 15^0 = 44 + 63 + 90 + 141 + 150$
$488 := 4^1 + 4^2 + 10^1 + 13^2 + 17^2 = 41 + 42 + 101 + 132 + 172$	$488 := 5^0 + 7^2 + 10^2 + 13^2 + 13^2 = 50 + 72 + 102 + 132 + 132$
$488 := 4^1 + 4^3 + 10^1 + 10^1 + 20^2 = 41 + 43 + 101 + 101 + 202$	$488 := 5^0 + 7^2 + 11^2 + 11^2 + 14^2 = 50 + 72 + 112 + 112 + 142$
$488 := 4^1 + 4^3 + 5^1 + 15^1 + 20^2 = 41 + 43 + 51 + 151 + 202$	$488 := 5^0 + 9^2 + 9^2 + 10^2 + 15^2 = 50 + 92 + 92 + 102 + 152$
$488 := 4^1 + 4^3 + 6^1 + 14^1 + 20^2 = 41 + 43 + 61 + 141 + 202$	$488 := 5^1 + 5^2 + 8^1 + 15^2 + 15^2 = 51 + 52 + 81 + 152 + 152$
$488 := 4^1 + 4^3 + 7^1 + 13^1 + 20^2 = 41 + 43 + 71 + 131 + 202$	$488 := 5^1 + 5^3 + 7^3 + 14^1 + 17^0 = 51 + 53 + 73 + 141 + 170$
$488 := 4^1 + 4^3 + 8^1 + 12^1 + 20^2 = 41 + 43 + 81 + 121 + 202$	$488 := 5^1 + 6^1 + 10^2 + 11^2 + 16^2 = 51 + 61 + 102 + 112 + 162$
$488 := 4^1 + 4^3 + 9^1 + 11^1 + 20^2 = 41 + 43 + 91 + 111 + 202$	$488 := 5^1 + 6^2 + 6^2 + 11^1 + 20^2 = 51 + 62 + 62 + 111 + 202$
$488 := 4^1 + 5^2 + 9^1 + 15^2 + 15^2 = 41 + 52 + 91 + 152 + 152$	$488 := 5^1 + 7^2 + 8^2 + 9^1 + 19^2 = 51 + 72 + 82 + 91 + 192$
$488 := 4^1 + 5^3 + 7^3 + 15^1 + 17^0 = 41 + 53 + 73 + 151 + 170$	$488 := 5^2 + 5^3 + 7^0 + 13^1 + 18^2 = 52 + 53 + 70 + 131 + 182$
$488 := 4^1 + 6^2 + 6^2 + 12^1 + 20^2 = 41 + 62 + 62 + 121 + 202$	$488 := 5^2 + 6^1 + 7^1 + 15^2 + 15^2 = 52 + 61 + 71 + 152 + 152$
$488 := 4^1 + 7^1 + 10^2 + 11^2 + 16^2 = 41 + 71 + 102 + 112 + 162$	$488 := 5^2 + 7^0 + 7^3 + 10^2 + 19^1 = 52 + 70 + 73 + 102 + 191$
$488 := 4^1 + 7^2 + 8^2 + 10^1 + 19^2 = 41 + 72 + 82 + 101 + 192$	$488 := 5^3 + 6^1 + 10^2 + 11^0 + 16^2 = 53 + 61 + 102 + 110 + 162$
$488 := 4^2 + 4^3 + 7^1 + 13^0 + 20^2 = 42 + 43 + 71 + 130 + 202$	$488 := 5^3 + 6^1 + 7^3 + 13^1 + 17^0 = 53 + 61 + 73 + 131 + 170$
$488 := 4^2 + 5^1 + 9^1 + 13^2 + 17^2 = 42 + 51 + 91 + 132 + 172$	$488 := 5^3 + 7^1 + 7^3 + 12^1 + 17^0 = 53 + 71 + 73 + 121 + 170$
$488 := 4^2 + 6^1 + 8^1 + 13^2 + 17^2 = 42 + 61 + 81 + 132 + 172$	$488 := 5^3 + 7^3 + 8^1 + 11^1 + 17^0 = 53 + 73 + 81 + 111 + 170$
$488 := 4^2 + 7^1 + 7^1 + 13^2 + 17^2 = 42 + 71 + 71 + 132 + 172$	$488 := 5^3 + 7^3 + 9^1 + 10^1 + 17^0 = 53 + 73 + 91 + 101 + 170$
$488 := 4^2 + 7^1 + 7^3 + 11^2 + 19^0 = 42 + 71 + 73 + 112 + 190$	$488 := 5^3 + 8^2 + 9^0 + 9^1 + 17^2 = 53 + 82 + 90 + 91 + 172$
$488 := 4^3 + 5^0 + 7^2 + 13^1 + 19^2 = 43 + 50 + 72 + 131 + 192$	$488 := 6^1 + 6^2 + 6^2 + 10^1 + 20^2 = 61 + 62 + 62 + 101 + 202$
$488 := 4^3 + 5^1 + 5^1 + 14^1 + 20^2 = 43 + 51 + 51 + 141 + 202$	$488 := 6^1 + 6^3 + 11^2 + 12^2 + 13^0 = 61 + 63 + 112 + 122 + 130$
$488 := 4^3 + 5^1 + 6^1 + 13^1 + 20^2 = 43 + 51 + 61 + 131 + 202$	$488 := 6^1 + 7^2 + 8^1 + 8^2 + 19^2 = 61 + 72 + 81 + 82 + 192$
$488 := 4^3 + 5^1 + 7^1 + 12^1 + 20^2 = 43 + 51 + 71 + 121 + 202$	$488 := 6^2 + 6^2 + 7^1 + 9^1 + 20^2 = 62 + 62 + 71 + 91 + 202$
$488 := 4^3 + 5^1 + 8^1 + 11^1 + 20^2 = 43 + 51 + 81 + 111 + 202$	$488 := 6^2 + 6^2 + 8^1 + 8^1 + 20^2 = 62 + 62 + 81 + 81 + 202$
$488 := 4^3 + 5^1 + 9^1 + 10^1 + 20^2 = 43 + 51 + 91 + 101 + 202$	$488 := 6^2 + 6^3 + 10^1 + 11^0 + 15^2 = 62 + 63 + 101 + 110 + 152$
$488 := 4^3 + 6^1 + 6^1 + 12^1 + 20^2 = 43 + 61 + 61 + 121 + 202$	$488 := 6^2 + 7^0 + 9^2 + 9^2 + 17^2 = 62 + 70 + 92 + 92 + 172$
$488 := 4^3 + 6^1 + 7^1 + 11^1 + 20^2 = 43 + 61 + 71 + 111 + 202$	$488 := 6^2 + 7^3 + 8^1 + 10^2 + 17^0 = 62 + 73 + 81 + 102 + 170$
$488 := 4^3 + 6^1 + 8^1 + 10^1 + 20^2 = 43 + 61 + 81 + 101 + 202$	$488 := 6^3 + 8^2 + 9^0 + 11^1 + 14^2 = 63 + 82 + 90 + 111 + 142$
$488 := 4^3 + 6^1 + 9^1 + 9^1 + 20^2 = 43 + 61 + 91 + 91 + 202$	$488 := 7^0 + 7^2 + 7^2 + 10^2 + 17^2 = 70 + 72 + 72 + 102 + 172$
$488 := 4^3 + 7^1 + 7^1 + 10^1 + 20^2 = 43 + 71 + 71 + 101 + 202$	$488 := 7^1 + 7^1 + 7^2 + 8^2 + 19^2 = 71 + 71 + 72 + 82 + 192$

$$488 := 7^2 + 7^3 + 9^2 + 11^0 + 14^1 = 72 + 73 + 92 + 110 + 141$$

$$488 := 7^3 + 8^2 + 8^2 + 9^0 + 16^1 = 73 + 82 + 82 + 90 + 161$$

2.2.390 Number 489

$$489 := 1^4 + 7^3 + 12^2 + 28^0 = 14 + 73 + 122 + 280$$

$$489 := 1^6 + 3^1 + 22^0 + 22^2 = 16 + 31 + 220 + 222$$

$$489 := 2^0 + 2^6 + 20^2 + 24^1 = 20 + 26 + 202 + 241$$

$$489 := 2^4 + 6^3 + 16^2 + 24^0 = 24 + 63 + 162 + 240$$

$$489 := 3^4 + 7^3 + 8^2 + 30^0 = 34 + 73 + 82 + 300$$

$$489 := 3^5 + 6^3 + 10^0 + 29^1 = 35 + 63 + 100 + 291$$

$$489 := 3^5 + 7^2 + 14^2 + 24^0 = 35 + 72 + 142 + 240$$

$$489 := 4^2 + 4^4 + 6^3 + 34^0 = 42 + 44 + 63 + 340$$

$$489 := 1^0 + 1^4 + 5^3 + 19^2 + 22^0 = 10 + 14 + 53 + 192 + 220$$

$$489 := 1^0 + 1^6 + 2^1 + 22^0 + 22^2 = 10 + 16 + 21 + 220 + 222$$

$$489 := 1^0 + 2^0 + 2^6 + 20^2 + 23^1 = 10 + 20 + 26 + 202 + 231$$

$$489 := 1^0 + 3^5 + 10^2 + 12^2 + 22^0 = 10 + 35 + 102 + 122 + 220$$

$$489 := 1^1 + 1^3 + 5^3 + 19^2 + 22^0 = 11 + 13 + 53 + 192 + 220$$

$$489 := 1^1 + 1^5 + 2^1 + 22^0 + 22^2 = 11 + 15 + 21 + 220 + 222$$

$$489 := 1^1 + 1^9 + 2^6 + 20^2 + 23^1 = 11 + 19 + 26 + 202 + 231$$

$$489 := 1^1 + 2^5 + 10^0 + 14^1 + 21^2 = 11 + 25 + 100 + 141 + 212$$

$$489 := 1^1 + 3^5 + 10^0 + 15^2 + 19^1 = 11 + 35 + 100 + 152 + 191$$

$$489 := 1^1 + 4^4 + 6^3 + 15^1 + 22^0 = 11 + 44 + 63 + 151 + 220$$

$$489 := 1^2 + 1^2 + 5^3 + 19^2 + 22^0 = 12 + 12 + 53 + 192 + 220$$

$$489 := 1^2 + 1^4 + 2^1 + 22^0 + 22^2 = 12 + 14 + 21 + 220 + 222$$

$$489 := 1^2 + 1^8 + 2^6 + 20^2 + 23^1 = 12 + 18 + 26 + 202 + 231$$

$$489 := 1^2 + 3^4 + 6^1 + 18^0 + 20^2 = 12 + 34 + 61 + 180 + 202$$

$$489 := 1^2 + 4^4 + 6^1 + 15^2 + 22^0 = 12 + 44 + 61 + 152 + 220$$

$$489 := 1^2 + 5^3 + 7^3 + 16^0 + 19^1 = 12 + 53 + 73 + 160 + 191$$

$$489 := 1^3 + 1^3 + 2^1 + 22^0 + 22^2 = 13 + 13 + 21 + 220 + 222$$

$$489 := 1^3 + 1^7 + 2^6 + 20^2 + 23^1 = 13 + 17 + 26 + 202 + 231$$

$$489 := 1^3 + 3^3 + 4^0 + 19^1 + 21^2 = 13 + 33 + 40 + 191 + 212$$

$$489 := 1^3 + 6^0 + 7^3 + 11^2 + 23^1 = 13 + 60 + 73 + 112 + 231$$

$$489 := 1^3 + 6^3 + 10^0 + 15^1 + 16^2 = 13 + 63 + 100 + 151 + 162$$

$$489 := 1^4 + 1^6 + 2^6 + 20^2 + 23^1 = 14 + 16 + 26 + 202 + 231$$

$$489 := 1^4 + 2^0 + 5^3 + 19^2 + 21^0 = 14 + 20 + 53 + 192 + 210$$

$$489 := 1^4 + 2^1 + 14^0 + 14^2 + 17^2 = 14 + 21 + 140 + 142 + 172$$

$$489 := 1^4 + 3^0 + 5^3 + 19^2 + 20^0 = 14 + 30 + 53 + 192 + 200$$

$$489 := 1^4 + 4^0 + 5^3 + 19^0 + 19^2 = 14 + 40 + 53 + 190 + 192$$

$$489 := 1^4 + 5^0 + 5^3 + 18^0 + 19^2 = 14 + 50 + 53 + 180 + 192$$

$$489 := 1^4 + 5^1 + 11^2 + 12^0 + 19^2 = 14 + 51 + 112 + 120 + 192$$

$$489 := 1^4 + 5^3 + 10^0 + 13^0 + 19^2 = 14 + 53 + 100 + 130 + 192$$

$$489 := 1^4 + 5^3 + 11^0 + 12^0 + 19^2 = 14 + 53 + 110 + 120 + 192$$

$$489 := 1^4 + 5^3 + 6^0 + 17^0 + 19^2 = 14 + 53 + 60 + 170 + 192$$

$$489 := 1^4 + 5^3 + 7^0 + 16^0 + 19^2 = 14 + 53 + 70 + 160 + 192$$

$$489 := 1^4 + 5^3 + 8^0 + 15^0 + 19^2 = 14 + 53 + 80 + 150 + 192$$

$$489 := 1^4 + 5^3 + 9^0 + 14^0 + 19^2 = 14 + 53 + 90 + 140 + 192$$

$$489 := 1^4 + 6^1 + 10^0 + 15^2 + 16^2 = 14 + 61 + 100 + 152 + 162$$

$$489 := 1^4 + 6^1 + 9^2 + 12^0 + 20^2 = 14 + 61 + 92 + 120 + 202$$

$$489 := 1^4 + 6^2 + 10^0 + 10^1 + 21^2 = 14 + 62 + 100 + 101 + 212$$

$$489 := 1^5 + 1^5 + 2^6 + 20^2 + 23^1 = 15 + 15 + 26 + 202 + 231$$

$$489 := 1^5 + 1^9 + 5^3 + 19^2 + 21^0 = 15 + 19 + 53 + 192 + 210$$

$$489 := 1^6 + 1^8 + 5^3 + 19^2 + 21^0 = 16 + 18 + 53 + 192 + 210$$

$$489 := 1^6 + 2^0 + 2^1 + 21^0 + 22^2 = 16 + 20 + 21 + 210 + 222$$

$$489 := 1^6 + 2^1 + 10^0 + 13^0 + 22^2 = 16 + 21 + 100 + 130 + 222$$

$$489 := 1^6 + 2^1 + 11^0 + 12^0 + 22^2 = 16 + 21 + 110 + 120 + 222$$

$$489 := 1^6 + 2^1 + 3^0 + 20^0 + 22^2 = 16 + 21 + 30 + 200 + 222$$

$$489 := 1^6 + 2^1 + 4^0 + 19^0 + 22^2 = 16 + 21 + 40 + 190 + 222$$

$$489 := 1^6 + 2^1 + 5^0 + 18^0 + 22^2 = 16 + 21 + 50 + 180 + 222$$

$$489 := 1^6 + 2^1 + 6^0 + 17^0 + 22^2 = 16 + 21 + 60 + 170 + 222$$

$$489 := 1^6 + 2^1 + 7^0 + 16^0 + 22^2 = 16 + 21 + 70 + 160 + 222$$

$$489 := 1^6 + 2^1 + 8^0 + 15^0 + 22^2 = 16 + 21 + 80 + 150 + 222$$

$$489 := 1^6 + 2^1 + 9^0 + 14^0 + 22^2 = 16 + 21 + 90 + 140 + 222$$

$$489 := 1^6 + 2^8 + 3^2 + 14^2 + 27^1 = 16 + 28 + 32 + 142 + 271$$

$$489 := 1^6 + 2^8 + 8^2 + 12^2 + 24^1 = 16 + 28 + 82 + 122 + 241$$

$$489 := 1^7 + 1^7 + 5^3 + 19^2 + 21^0 = 17 + 17 + 53 + 192 + 210$$

$$489 := 1^7 + 1^9 + 2^1 + 21^0 + 22^2 = 17 + 19 + 21 + 210 + 222$$

$$489 := 1^7 + 2^8 + 6^3 + 15^1 + 23^0 = 17 + 28 + 63 + 151 + 230$$

$$489 := 1^8 + 1^8 + 2^1 + 21^0 + 22^2 = 18 + 18 + 21 + 210 + 222$$

$$489 := 1^8 + 2^7 + 7^3 + 16^1 + 21^0 = 18 + 27 + 73 + 161 + 210$$

$$489 := 1^8 + 2^8 + 6^1 + 15^2 + 23^0 = 18 + 28 + 61 + 152 + 230$$

$$489 := 1^9 + 2^1 + 2^6 + 20^2 + 22^1 = 19 + 21 + 26 + 202 + 221$$

$$489 := 1^9 + 2^6 + 10^1 + 14^1 + 20^2 = 19 + 26 + 101 + 141 + 202$$

$$\begin{aligned} 489 &:= 1^9 + 2^6 + 11^1 + 13^1 + 20^2 = 19 + 26 + 111 + 131 + 202 \\ 489 &:= 1^9 + 2^6 + 12^1 + 12^1 + 20^2 = 19 + 26 + 121 + 121 + 202 \\ 489 &:= 1^9 + 2^6 + 3^1 + 20^2 + 21^1 = 19 + 26 + 31 + 202 + 211 \\ 489 &:= 1^9 + 2^6 + 4^1 + 20^1 + 20^2 = 19 + 26 + 41 + 201 + 202 \\ 489 &:= 1^9 + 2^6 + 5^1 + 19^1 + 20^2 = 19 + 26 + 51 + 191 + 202 \\ 489 &:= 1^9 + 2^6 + 6^1 + 18^1 + 20^2 = 19 + 26 + 61 + 181 + 202 \\ 489 &:= 1^9 + 2^6 + 7^1 + 17^1 + 20^2 = 19 + 26 + 71 + 171 + 202 \\ 489 &:= 1^9 + 2^6 + 8^1 + 16^1 + 20^2 = 19 + 26 + 81 + 161 + 202 \\ 489 &:= 1^9 + 2^6 + 9^1 + 15^1 + 20^2 = 19 + 26 + 91 + 151 + 202 \\ 489 &:= 1^9 + 3^5 + 3^5 + 13^0 + 27^0 = 19 + 35 + 35 + 130 + 270 \\ 489 &:= 1^9 + 3^5 + 3^5 + 14^0 + 26^0 = 19 + 35 + 35 + 140 + 260 \\ 489 &:= 1^9 + 3^5 + 3^5 + 15^0 + 25^0 = 19 + 35 + 35 + 150 + 250 \\ 489 &:= 1^9 + 3^5 + 3^5 + 16^0 + 24^0 = 19 + 35 + 35 + 160 + 240 \\ 489 &:= 1^9 + 3^5 + 3^5 + 17^0 + 23^0 = 19 + 35 + 35 + 170 + 230 \\ 489 &:= 1^9 + 3^5 + 3^5 + 18^0 + 22^0 = 19 + 35 + 35 + 180 + 220 \\ 489 &:= 1^9 + 3^5 + 3^5 + 19^0 + 21^0 = 19 + 35 + 35 + 190 + 210 \\ 489 &:= 1^9 + 3^5 + 3^5 + 20^0 + 20^0 = 19 + 35 + 35 + 200 + 200 \\ 489 &:= 1^9 + 3^5 + 5^2 + 14^2 + 24^1 = 19 + 35 + 52 + 142 + 241 \\ 489 &:= 2^0 + 2^4 + 13^2 + 14^1 + 17^2 = 20 + 24 + 132 + 141 + 172 \\ 489 &:= 2^0 + 3^4 + 14^2 + 14^2 + 15^1 = 20 + 34 + 142 + 142 + 151 \\ 489 &:= 2^0 + 3^5 + 10^2 + 12^2 + 21^0 = 20 + 35 + 102 + 122 + 210 \\ 489 &:= 2^1 + 2^5 + 10^0 + 13^1 + 21^2 = 21 + 25 + 100 + 131 + 212 \\ 489 &:= 2^1 + 3^4 + 9^2 + 16^0 + 18^2 = 21 + 34 + 92 + 160 + 182 \\ 489 &:= 2^1 + 3^5 + 10^0 + 15^2 + 18^1 = 21 + 35 + 100 + 152 + 181 \\ 489 &:= 2^1 + 4^4 + 6^3 + 14^1 + 22^0 = 21 + 44 + 63 + 141 + 220 \\ 489 &:= 2^2 + 3^1 + 3^4 + 20^0 + 20^2 = 22 + 31 + 34 + 200 + 202 \\ 489 &:= 2^2 + 3^1 + 4^4 + 15^2 + 24^0 = 22 + 31 + 44 + 152 + 240 \\ 489 &:= 2^2 + 3^3 + 4^2 + 18^0 + 21^2 = 22 + 33 + 42 + 180 + 212 \\ 489 &:= 2^2 + 5^3 + 7^3 + 16^1 + 18^0 = 22 + 53 + 73 + 161 + 180 \\ 489 &:= 2^3 + 3^3 + 10^0 + 12^1 + 21^2 = 23 + 33 + 100 + 121 + 212 \\ 489 &:= 2^3 + 4^2 + 8^2 + 14^0 + 20^2 = 23 + 42 + 82 + 140 + 202 \\ 489 &:= 2^3 + 4^3 + 6^0 + 16^1 + 20^2 = 23 + 43 + 60 + 161 + 202 \\ 489 &:= 2^3 + 6^3 + 8^1 + 16^0 + 16^2 = 23 + 63 + 81 + 160 + 162 \\ 489 &:= 2^3 + 7^3 + 11^2 + 12^0 + 16^1 = 23 + 73 + 112 + 120 + 161 \\ 489 &:= 2^4 + 2^5 + 2^7 + 17^2 + 24^1 = 24 + 25 + 27 + 172 + 241 \\ 489 &:= 2^4 + 4^1 + 12^0 + 12^2 + 18^2 = 24 + 41 + 120 + 122 + 182 \\ 489 &:= 2^4 + 4^2 + 6^0 + 15^1 + 21^2 = 24 + 42 + 60 + 151 + 212 \\ 489 &:= 2^4 + 5^2 + 6^1 + 14^0 + 21^2 = 24 + 52 + 61 + 140 + 212 \end{aligned}$$

$$\begin{aligned} 489 &:= 2^4 + 6^0 + 10^2 + 11^1 + 19^2 = 24 + 60 + 102 + 111 + 192 \\ 489 &:= 2^4 + 8^1 + 8^2 + 10^0 + 20^2 = 24 + 81 + 82 + 100 + 202 \\ 489 &:= 2^5 + 3^1 + 10^0 + 12^1 + 21^2 = 25 + 31 + 100 + 121 + 212 \\ 489 &:= 2^5 + 4^1 + 10^0 + 11^1 + 21^2 = 25 + 41 + 100 + 111 + 212 \\ 489 &:= 2^5 + 5^1 + 10^0 + 10^1 + 21^2 = 25 + 51 + 100 + 101 + 212 \\ 489 &:= 2^5 + 6^1 + 9^1 + 10^0 + 21^2 = 25 + 61 + 91 + 100 + 212 \\ 489 &:= 2^5 + 7^1 + 8^1 + 10^0 + 21^2 = 25 + 71 + 81 + 100 + 212 \\ 489 &:= 2^6 + 2^6 + 3^4 + 16^2 + 24^1 = 26 + 26 + 34 + 162 + 241 \\ 489 &:= 3^0 + 3^5 + 10^2 + 12^2 + 20^0 = 30 + 35 + 102 + 122 + 200 \\ 489 &:= 3^1 + 3^5 + 10^0 + 15^2 + 17^1 = 31 + 35 + 100 + 152 + 171 \\ 489 &:= 3^1 + 4^4 + 6^3 + 13^1 + 22^0 = 31 + 44 + 63 + 131 + 220 \\ 489 &:= 3^1 + 5^3 + 6^3 + 12^2 + 22^0 = 31 + 53 + 63 + 122 + 220 \\ 489 &:= 3^2 + 3^3 + 12^0 + 14^2 + 16^2 = 32 + 33 + 120 + 142 + 162 \\ 489 &:= 3^2 + 5^3 + 7^3 + 11^1 + 22^0 = 32 + 53 + 73 + 111 + 220 \\ 489 &:= 3^2 + 6^2 + 7^3 + 10^2 + 22^0 = 32 + 62 + 73 + 102 + 220 \\ 489 &:= 3^3 + 4^0 + 6^3 + 15^2 + 20^1 = 33 + 40 + 63 + 152 + 201 \\ 489 &:= 3^3 + 4^2 + 11^2 + 12^0 + 18^2 = 33 + 42 + 112 + 120 + 182 \\ 489 &:= 3^3 + 5^2 + 6^2 + 14^0 + 20^2 = 33 + 52 + 62 + 140 + 202 \\ 489 &:= 3^3 + 5^3 + 10^0 + 12^1 + 18^2 = 33 + 53 + 100 + 121 + 182 \\ 489 &:= 3^3 + 6^2 + 10^0 + 13^2 + 16^2 = 33 + 62 + 100 + 132 + 162 \\ 489 &:= 3^3 + 6^2 + 8^2 + 12^0 + 19^2 = 33 + 62 + 82 + 120 + 192 \\ 489 &:= 3^3 + 7^3 + 10^0 + 10^2 + 18^1 = 33 + 73 + 100 + 102 + 181 \\ 489 &:= 3^3 + 8^0 + 11^2 + 12^2 + 14^2 = 33 + 80 + 112 + 122 + 142 \\ 489 &:= 3^4 + 4^0 + 13^1 + 13^2 + 15^2 = 34 + 40 + 131 + 132 + 152 \\ 489 &:= 3^4 + 6^2 + 10^0 + 10^1 + 19^2 = 34 + 62 + 100 + 101 + 192 \\ 489 &:= 3^4 + 7^1 + 10^0 + 12^2 + 16^2 = 34 + 71 + 100 + 122 + 162 \\ 489 &:= 3^5 + 10^0 + 10^1 + 10^1 + 15^2 = 35 + 100 + 101 + 101 + 152 \\ 489 &:= 3^5 + 10^0 + 10^2 + 12^2 + 13^0 = 35 + 100 + 102 + 122 + 130 \\ 489 &:= 3^5 + 10^2 + 11^0 + 12^0 + 12^2 = 35 + 102 + 110 + 120 + 122 \\ 489 &:= 3^5 + 4^0 + 10^2 + 12^2 + 19^0 = 35 + 40 + 102 + 122 + 190 \\ 489 &:= 3^5 + 4^1 + 10^0 + 15^2 + 16^1 = 35 + 41 + 100 + 152 + 161 \\ 489 &:= 3^5 + 5^0 + 10^2 + 12^2 + 18^0 = 35 + 50 + 102 + 122 + 180 \\ 489 &:= 3^5 + 5^1 + 10^0 + 15^1 + 15^2 = 35 + 51 + 100 + 151 + 152 \\ 489 &:= 3^5 + 6^0 + 10^2 + 12^2 + 17^0 = 35 + 60 + 102 + 122 + 170 \\ 489 &:= 3^5 + 6^1 + 10^0 + 14^1 + 15^2 = 35 + 61 + 100 + 141 + 152 \\ 489 &:= 3^5 + 7^0 + 10^2 + 12^2 + 16^0 = 35 + 70 + 102 + 122 + 160 \\ 489 &:= 3^5 + 7^1 + 10^0 + 13^1 + 15^2 = 35 + 71 + 100 + 131 + 152 \\ 489 &:= 3^5 + 8^0 + 10^2 + 12^2 + 15^0 = 35 + 80 + 102 + 122 + 150 \end{aligned}$$

$$\begin{aligned}
 489 &:= 3^5 + 8^1 + 10^0 + 12^1 + 15^2 = 35 + 81 + 100 + 121 + 152 \\
 489 &:= 3^5 + 9^0 + 10^2 + 12^2 + 14^0 = 35 + 90 + 102 + 122 + 140 \\
 489 &:= 3^5 + 9^1 + 10^0 + 11^1 + 15^2 = 35 + 91 + 100 + 111 + 152 \\
 489 &:= 4^1 + 4^4 + 6^3 + 12^1 + 22^0 = 41 + 44 + 63 + 121 + 220 \\
 489 &:= 4^2 + 4^4 + 6^0 + 14^2 + 20^1 = 42 + 44 + 60 + 142 + 201 \\
 489 &:= 4^3 + 5^3 + 10^1 + 12^0 + 17^2 = 43 + 53 + 101 + 120 + 172 \\
 489 &:= 4^3 + 6^2 + 8^2 + 12^0 + 18^2 = 43 + 62 + 82 + 120 + 182 \\
 489 &:= 4^3 + 6^3 + 12^0 + 12^1 + 14^2 = 43 + 63 + 120 + 121 + 142 \\
 489 &:= 4^3 + 7^3 + 8^2 + 12^0 + 17^1 = 43 + 73 + 82 + 120 + 171 \\
 489 &:= 4^4 + 10^2 + 11^1 + 11^2 + 12^0 = 44 + 102 + 111 + 112 + 120 \\
 489 &:= 4^4 + 5^1 + 6^3 + 11^1 + 22^0 = 44 + 51 + 63 + 111 + 220 \\
 489 &:= 4^4 + 5^2 + 11^1 + 14^0 + 14^2 = 44 + 52 + 111 + 140 + 142 \\
 489 &:= 4^4 + 6^1 + 6^3 + 10^1 + 22^0 = 44 + 61 + 63 + 101 + 220
 \end{aligned}$$

$$\begin{aligned}
 489 &:= 4^4 + 6^3 + 7^1 + 9^1 + 22^0 = 44 + 63 + 71 + 91 + 220 \\
 489 &:= 4^4 + 6^3 + 8^1 + 8^1 + 22^0 = 44 + 63 + 81 + 81 + 220 \\
 489 &:= 4^4 + 7^1 + 9^2 + 12^2 + 16^0 = 44 + 71 + 92 + 122 + 160 \\
 489 &:= 4^4 + 7^2 + 10^0 + 13^2 + 14^1 = 44 + 72 + 100 + 132 + 141 \\
 489 &:= 5^2 + 5^3 + 12^0 + 13^2 + 13^2 = 52 + 53 + 120 + 132 + 132 \\
 489 &:= 5^2 + 5^3 + 7^2 + 14^0 + 17^2 = 52 + 53 + 72 + 140 + 172 \\
 489 &:= 5^3 + 10^0 + 11^2 + 11^2 + 11^2 = 53 + 100 + 112 + 112 + 112 \\
 489 &:= 5^3 + 5^3 + 10^0 + 13^1 + 15^2 = 53 + 53 + 100 + 131 + 152 \\
 489 &:= 6^2 + 6^3 + 6^3 + 10^0 + 20^1 = 62 + 63 + 63 + 100 + 201 \\
 489 &:= 6^3 + 6^3 + 7^1 + 7^2 + 22^0 = 63 + 63 + 71 + 72 + 220 \\
 489 &:= 6^3 + 8^2 + 8^2 + 12^2 + 14^0 = 63 + 82 + 82 + 122 + 140
 \end{aligned}$$

2.2.391 Number 490

$$\begin{aligned}
 490 &:= 1^1 + 2^6 + 20^2 + 25^1 = 11 + 26 + 202 + 251 \\
 490 &:= 1^6 + 2^2 + 22^2 + 23^0 = 16 + 22 + 222 + 230 \\
 490 &:= 1^7 + 4^1 + 21^0 + 22^2 = 17 + 41 + 210 + 222 \\
 490 &:= 2^1 + 2^6 + 20^2 + 24^1 = 21 + 26 + 202 + 241 \\
 490 &:= 2^6 + 10^1 + 16^1 + 20^2 = 26 + 101 + 161 + 202 \\
 490 &:= 2^6 + 11^1 + 15^1 + 20^2 = 26 + 111 + 151 + 202 \\
 490 &:= 2^6 + 12^1 + 14^1 + 20^2 = 26 + 121 + 141 + 202 \\
 490 &:= 2^6 + 13^1 + 13^1 + 20^2 = 26 + 131 + 131 + 202 \\
 490 &:= 2^6 + 13^2 + 16^2 + 17^0 = 26 + 132 + 162 + 170 \\
 490 &:= 2^6 + 3^1 + 20^2 + 23^1 = 26 + 31 + 202 + 231 \\
 490 &:= 2^6 + 4^1 + 20^2 + 22^1 = 26 + 41 + 202 + 221 \\
 490 &:= 2^6 + 5^1 + 20^2 + 21^1 = 26 + 51 + 202 + 211 \\
 490 &:= 2^6 + 5^2 + 20^2 + 21^0 = 26 + 52 + 202 + 210 \\
 490 &:= 2^6 + 6^1 + 20^1 + 20^2 = 26 + 61 + 201 + 202 \\
 490 &:= 2^6 + 7^1 + 19^1 + 20^2 = 26 + 71 + 191 + 202 \\
 490 &:= 2^6 + 8^1 + 18^1 + 20^2 = 26 + 81 + 181 + 202 \\
 490 &:= 2^6 + 8^2 + 19^0 + 19^2 = 26 + 82 + 190 + 192 \\
 490 &:= 2^6 + 9^1 + 17^1 + 20^2 = 26 + 91 + 171 + 202 \\
 490 &:= 3^5 + 5^2 + 14^2 + 26^1 = 35 + 52 + 142 + 261 \\
 490 &:= 3^5 + 5^3 + 11^2 + 29^0 = 35 + 53 + 112 + 290 \\
 490 &:= 1^0 + 1^1 + 2^6 + 20^2 + 24^1 = 10 + 11 + 26 + 202 + 241 \\
 490 &:= 1^0 + 1^5 + 7^3 + 12^2 + 27^0 = 10 + 15 + 73 + 122 + 270 \\
 490 &:= 1^0 + 1^7 + 3^1 + 21^0 + 22^2 = 10 + 17 + 31 + 210 + 222
 \end{aligned}$$

$$\begin{aligned}
 490 &:= 1^0 + 2^1 + 2^6 + 20^2 + 23^1 = 10 + 21 + 26 + 202 + 231 \\
 490 &:= 1^0 + 2^6 + 10^1 + 15^1 + 20^2 = 10 + 26 + 101 + 151 + 202 \\
 490 &:= 1^0 + 2^6 + 10^2 + 17^0 + 18^2 = 10 + 26 + 102 + 170 + 182 \\
 490 &:= 1^0 + 2^6 + 11^1 + 14^1 + 20^2 = 10 + 26 + 111 + 141 + 202 \\
 490 &:= 1^0 + 2^6 + 12^1 + 13^1 + 20^2 = 10 + 26 + 121 + 131 + 202 \\
 490 &:= 1^0 + 2^6 + 3^1 + 20^2 + 22^1 = 10 + 26 + 31 + 202 + 221 \\
 490 &:= 1^0 + 2^6 + 4^1 + 20^2 + 21^1 = 10 + 26 + 41 + 202 + 211 \\
 490 &:= 1^0 + 2^6 + 5^1 + 20^1 + 20^2 = 10 + 26 + 51 + 201 + 202 \\
 490 &:= 1^0 + 2^6 + 6^1 + 19^1 + 20^2 = 10 + 26 + 61 + 191 + 202 \\
 490 &:= 1^0 + 2^6 + 7^1 + 18^1 + 20^2 = 10 + 26 + 71 + 181 + 202 \\
 490 &:= 1^0 + 2^6 + 8^1 + 17^1 + 20^2 = 10 + 26 + 81 + 171 + 202 \\
 490 &:= 1^0 + 2^6 + 9^1 + 16^1 + 20^2 = 10 + 26 + 91 + 161 + 202 \\
 490 &:= 1^0 + 3^5 + 5^2 + 14^2 + 25^1 = 10 + 35 + 52 + 142 + 251 \\
 490 &:= 1^1 + 1^4 + 7^3 + 12^2 + 27^0 = 11 + 14 + 73 + 122 + 270 \\
 490 &:= 1^1 + 1^6 + 3^1 + 21^0 + 22^2 = 11 + 16 + 31 + 210 + 222 \\
 490 &:= 1^1 + 2^4 + 13^2 + 15^1 + 17^2 = 11 + 24 + 132 + 151 + 172 \\
 490 &:= 1^1 + 2^4 + 6^3 + 16^2 + 23^0 = 11 + 24 + 63 + 162 + 230 \\
 490 &:= 1^1 + 3^4 + 14^2 + 14^2 + 16^1 = 11 + 34 + 142 + 142 + 161 \\
 490 &:= 1^1 + 3^5 + 7^2 + 14^2 + 23^0 = 11 + 35 + 72 + 142 + 230 \\
 490 &:= 1^2 + 1^3 + 7^3 + 12^2 + 27^0 = 12 + 13 + 73 + 122 + 270 \\
 490 &:= 1^2 + 1^5 + 3^1 + 21^0 + 22^2 = 12 + 15 + 31 + 210 + 222 \\
 490 &:= 1^2 + 2^2 + 4^3 + 20^2 + 21^1 = 12 + 22 + 43 + 202 + 211 \\
 490 &:= 1^2 + 2^3 + 8^2 + 17^1 + 20^2 = 12 + 23 + 82 + 171 + 202
 \end{aligned}$$

$$\begin{aligned} 490 &:= 1^2 + 2^5 + 9^0 + 15^1 + 21^2 = 12 + 25 + 90 + 151 + 212 & 490 &:= 1^5 + 7^3 + 12^2 + 13^0 + 15^0 = 15 + 73 + 122 + 130 + 150 \\ 490 &:= 1^2 + 3^5 + 9^0 + 15^2 + 20^1 = 12 + 35 + 90 + 152 + 201 & 490 &:= 1^5 + 7^3 + 12^2 + 14^0 + 14^0 = 15 + 73 + 122 + 140 + 140 \\ 490 &:= 1^2 + 4^3 + 11^2 + 15^1 + 17^2 = 12 + 43 + 112 + 151 + 172 & 490 &:= 1^5 + 7^3 + 8^0 + 12^2 + 20^0 = 15 + 73 + 80 + 122 + 200 \\ 490 &:= 1^2 + 4^3 + 7^3 + 9^2 + 27^0 = 12 + 43 + 73 + 92 + 270 & 490 &:= 1^5 + 7^3 + 9^0 + 12^2 + 19^0 = 15 + 73 + 90 + 122 + 190 \\ 490 &:= 1^2 + 4^4 + 6^2 + 14^2 + 23^0 = 12 + 44 + 62 + 142 + 230 & 490 &:= 1^6 + 1^9 + 7^3 + 12^2 + 26^0 = 16 + 19 + 73 + 122 + 260 \\ 490 &:= 1^2 + 4^4 + 6^3 + 16^1 + 21^0 = 12 + 44 + 63 + 161 + 210 & 490 &:= 1^6 + 2^1 + 2^1 + 21^0 + 22^2 = 16 + 21 + 21 + 210 + 222 \\ 490 &:= 1^3 + 1^4 + 3^1 + 21^0 + 22^2 = 13 + 14 + 31 + 210 + 222 & 490 &:= 1^7 + 1^8 + 7^3 + 12^2 + 26^0 = 17 + 18 + 73 + 122 + 260 \\ 490 &:= 1^3 + 2^2 + 5^2 + 19^1 + 21^2 = 13 + 22 + 52 + 191 + 212 & 490 &:= 1^7 + 2^0 + 3^1 + 20^0 + 22^2 = 17 + 20 + 31 + 200 + 222 \\ 490 &:= 1^3 + 3^2 + 8^2 + 16^1 + 20^2 = 13 + 32 + 82 + 161 + 202 & 490 &:= 1^7 + 3^0 + 3^1 + 19^0 + 22^2 = 17 + 30 + 31 + 190 + 222 \\ 490 &:= 1^3 + 3^3 + 10^2 + 15^0 + 19^2 = 13 + 33 + 102 + 150 + 192 & 490 &:= 1^7 + 3^1 + 10^0 + 12^0 + 22^2 = 17 + 31 + 100 + 120 + 222 \\ 490 &:= 1^3 + 3^4 + 7^1 + 17^0 + 20^2 = 13 + 34 + 71 + 170 + 202 & 490 &:= 1^7 + 3^1 + 11^0 + 11^0 + 22^2 = 17 + 31 + 110 + 110 + 222 \\ 490 &:= 1^3 + 4^2 + 6^3 + 16^2 + 21^0 = 13 + 42 + 63 + 162 + 210 & 490 &:= 1^7 + 3^1 + 4^0 + 18^0 + 22^2 = 17 + 31 + 40 + 180 + 222 \\ 490 &:= 1^3 + 4^3 + 10^2 + 15^0 + 18^2 = 13 + 43 + 102 + 150 + 182 & 490 &:= 1^7 + 3^1 + 5^0 + 17^0 + 22^2 = 17 + 31 + 50 + 170 + 222 \\ 490 &:= 1^3 + 4^4 + 7^1 + 15^2 + 21^0 = 13 + 44 + 71 + 152 + 210 & 490 &:= 1^7 + 3^1 + 6^0 + 16^0 + 22^2 = 17 + 31 + 60 + 160 + 222 \\ 490 &:= 1^3 + 5^2 + 12^1 + 14^2 + 16^2 = 13 + 52 + 121 + 142 + 162 & 490 &:= 1^7 + 3^1 + 7^0 + 15^0 + 22^2 = 17 + 31 + 70 + 150 + 222 \\ 490 &:= 1^3 + 5^2 + 7^2 + 15^1 + 20^2 = 13 + 52 + 72 + 151 + 202 & 490 &:= 1^7 + 3^1 + 8^0 + 14^0 + 22^2 = 17 + 31 + 80 + 140 + 222 \\ 490 &:= 1^3 + 5^3 + 7^3 + 15^0 + 20^1 = 13 + 53 + 73 + 150 + 201 & 490 &:= 1^7 + 3^1 + 9^0 + 13^0 + 22^2 = 17 + 31 + 90 + 130 + 222 \\ 490 &:= 1^3 + 7^3 + 8^2 + 9^2 + 23^0 = 13 + 73 + 82 + 92 + 230 & 490 &:= 1^8 + 1^9 + 3^1 + 20^0 + 22^2 = 18 + 19 + 31 + 200 + 222 \\ 490 &:= 1^4 + 2^1 + 5^3 + 19^2 + 21^0 = 14 + 21 + 53 + 192 + 210 & 490 &:= 1^8 + 2^7 + 6^3 + 12^2 + 26^0 = 18 + 27 + 63 + 122 + 260 \\ 490 &:= 1^4 + 3^0 + 3^3 + 20^1 + 21^2 = 14 + 30 + 33 + 201 + 212 & 490 &:= 1^8 + 2^8 + 6^2 + 14^2 + 24^0 = 18 + 28 + 62 + 142 + 240 \\ 490 &:= 1^4 + 5^0 + 7^3 + 11^2 + 24^1 = 14 + 50 + 73 + 112 + 241 & 490 &:= 1^8 + 2^8 + 6^3 + 16^1 + 22^0 = 18 + 28 + 63 + 161 + 220 \\ 490 &:= 1^4 + 6^2 + 11^0 + 14^2 + 16^2 = 14 + 62 + 110 + 142 + 162 & 490 &:= 1^9 + 2^7 + 6^2 + 18^2 + 20^0 = 19 + 27 + 62 + 182 + 200 \\ 490 &:= 1^4 + 6^3 + 9^0 + 16^1 + 16^2 = 14 + 63 + 90 + 161 + 162 & 490 &:= 1^9 + 2^7 + 7^3 + 17^1 + 20^0 = 19 + 27 + 73 + 171 + 200 \\ 490 &:= 1^4 + 8^2 + 10^2 + 11^0 + 18^2 = 14 + 82 + 102 + 110 + 182 & 490 &:= 1^9 + 2^8 + 7^1 + 15^2 + 22^0 = 19 + 28 + 71 + 152 + 220 \\ 490 &:= 1^5 + 2^0 + 7^3 + 12^2 + 26^0 = 15 + 20 + 73 + 122 + 260 & 490 &:= 2^0 + 2^6 + 10^2 + 16^0 + 18^2 = 20 + 26 + 102 + 160 + 182 \\ 490 &:= 1^5 + 3^0 + 7^3 + 12^2 + 25^0 = 15 + 30 + 73 + 122 + 250 & 490 &:= 2^1 + 2^4 + 13^2 + 14^1 + 17^2 = 21 + 24 + 132 + 141 + 172 \\ 490 &:= 1^5 + 3^1 + 13^0 + 14^2 + 17^2 = 15 + 31 + 130 + 142 + 172 & 490 &:= 2^1 + 3^4 + 14^2 + 14^2 + 15^1 = 21 + 34 + 142 + 142 + 151 \\ 490 &:= 1^5 + 4^0 + 7^3 + 12^2 + 24^0 = 15 + 40 + 73 + 122 + 240 & 490 &:= 2^1 + 3^5 + 10^2 + 12^2 + 21^0 = 21 + 35 + 102 + 122 + 210 \\ 490 &:= 1^5 + 5^0 + 7^3 + 12^2 + 23^0 = 15 + 50 + 73 + 122 + 230 & 490 &:= 2^2 + 2^2 + 3^4 + 20^2 + 21^0 = 22 + 22 + 34 + 202 + 210 \\ 490 &:= 1^5 + 6^0 + 7^3 + 12^2 + 22^0 = 15 + 60 + 73 + 122 + 220 & 490 &:= 2^2 + 2^2 + 4^4 + 15^2 + 25^0 = 22 + 22 + 44 + 152 + 250 \\ 490 &:= 1^5 + 6^1 + 11^0 + 11^2 + 19^2 = 15 + 61 + 110 + 112 + 192 & 490 &:= 2^2 + 2^5 + 11^0 + 12^1 + 21^2 = 22 + 25 + 110 + 121 + 212 \\ 490 &:= 1^5 + 6^2 + 9^0 + 11^1 + 21^2 = 15 + 62 + 90 + 111 + 212 & 490 &:= 2^2 + 3^3 + 11^2 + 14^1 + 18^2 = 22 + 33 + 112 + 141 + 182 \\ 490 &:= 1^5 + 7^0 + 7^3 + 12^2 + 21^0 = 15 + 70 + 73 + 122 + 210 & 490 &:= 2^2 + 3^5 + 11^0 + 15^2 + 17^1 = 22 + 35 + 110 + 152 + 171 \\ 490 &:= 1^5 + 7^1 + 9^0 + 15^2 + 16^2 = 15 + 71 + 90 + 152 + 162 & 490 &:= 2^2 + 4^4 + 6^3 + 13^1 + 23^0 = 22 + 44 + 63 + 131 + 230 \\ 490 &:= 1^5 + 7^1 + 9^2 + 11^0 + 20^2 = 15 + 71 + 92 + 110 + 202 & 490 &:= 2^2 + 5^2 + 6^3 + 15^2 + 20^1 = 22 + 52 + 63 + 152 + 201 \\ 490 &:= 1^5 + 7^3 + 10^0 + 12^2 + 18^0 = 15 + 73 + 100 + 122 + 180 & 490 &:= 2^2 + 5^3 + 11^2 + 15^1 + 15^2 = 22 + 53 + 112 + 151 + 152 \\ 490 &:= 1^5 + 7^3 + 11^0 + 12^2 + 17^0 = 15 + 73 + 110 + 122 + 170 & 490 &:= 2^2 + 5^3 + 6^3 + 12^2 + 23^0 = 22 + 53 + 63 + 122 + 230 \\ 490 &:= 1^5 + 7^3 + 12^0 + 12^2 + 16^0 = 15 + 73 + 120 + 122 + 160 & 490 &:= 2^3 + 3^2 + 6^3 + 16^2 + 21^0 = 23 + 32 + 63 + 162 + 210 \end{aligned}$$

$$\begin{aligned} 490 &:= 2^3 + 5^2 + 11^2 + 12^1 + 18^2 = 23 + 52 + 112 + 121 + 182 & 490 &:= 3^1 + 3^4 + 14^1 + 14^2 + 14^2 = 31 + 34 + 141 + 142 + 142 \\ 490 &:= 2^3 + 5^3 + 10^2 + 15^0 + 16^2 = 23 + 53 + 102 + 150 + 162 & 490 &:= 3^1 + 3^5 + 6^3 + 9^0 + 27^1 = 31 + 35 + 63 + 90 + 271 \\ 490 &:= 2^3 + 5^3 + 7^3 + 13^1 + 21^0 = 23 + 53 + 73 + 131 + 210 & 490 &:= 3^2 + 3^5 + 12^1 + 15^0 + 15^2 = 32 + 35 + 121 + 150 + 152 \\ 490 &:= 2^3 + 6^3 + 11^2 + 12^2 + 17^0 = 23 + 63 + 112 + 122 + 170 & 490 &:= 3^2 + 4^4 + 6^3 + 8^1 + 27^0 = 32 + 44 + 63 + 81 + 270 \\ 490 &:= 2^3 + 9^1 + 9^2 + 14^2 + 14^2 = 23 + 91 + 92 + 142 + 142 & 490 &:= 3^3 + 4^4 + 10^1 + 14^2 + 17^0 = 33 + 44 + 101 + 142 + 170 \\ 490 &:= 2^4 + 3^1 + 13^1 + 13^2 + 17^2 = 24 + 31 + 131 + 132 + 172 & 490 &:= 3^3 + 5^2 + 8^2 + 13^1 + 19^2 = 33 + 52 + 82 + 131 + 192 \\ 490 &:= 2^4 + 3^2 + 8^2 + 15^0 + 20^2 = 24 + 32 + 82 + 150 + 202 & 490 &:= 3^3 + 5^3 + 9^2 + 15^0 + 16^2 = 33 + 53 + 92 + 150 + 162 \\ 490 &:= 2^4 + 3^3 + 5^1 + 17^0 + 21^2 = 24 + 33 + 51 + 170 + 212 & 490 &:= 3^3 + 8^2 + 10^1 + 10^2 + 17^2 = 33 + 82 + 101 + 102 + 172 \\ 490 &:= 2^4 + 4^1 + 12^1 + 13^2 + 17^2 = 24 + 41 + 121 + 132 + 172 & 490 &:= 3^3 + 8^2 + 8^2 + 11^1 + 18^2 = 33 + 82 + 82 + 111 + 182 \\ 490 &:= 2^4 + 4^2 + 4^2 + 17^0 + 21^2 = 24 + 42 + 42 + 170 + 212 & 490 &:= 3^4 + 4^1 + 13^1 + 14^2 + 14^2 = 34 + 41 + 131 + 142 + 142 \\ 490 &:= 2^4 + 4^3 + 9^1 + 13^0 + 20^2 = 24 + 43 + 91 + 130 + 202 & 490 &:= 3^4 + 4^2 + 13^0 + 14^2 + 14^2 = 34 + 42 + 130 + 142 + 142 \\ 490 &:= 2^4 + 5^1 + 11^1 + 13^2 + 17^2 = 24 + 51 + 111 + 132 + 172 & 490 &:= 3^4 + 4^3 + 7^0 + 7^3 + 27^0 = 34 + 43 + 70 + 73 + 270 \\ 490 &:= 2^4 + 6^1 + 10^1 + 13^2 + 17^2 = 24 + 61 + 101 + 132 + 172 & 490 &:= 3^4 + 4^3 + 7^3 + 10^0 + 24^0 = 34 + 43 + 73 + 100 + 240 \\ 490 &:= 2^4 + 7^1 + 9^1 + 13^2 + 17^2 = 24 + 71 + 91 + 132 + 172 & 490 &:= 3^4 + 4^3 + 7^3 + 11^0 + 23^0 = 34 + 43 + 73 + 110 + 230 \\ 490 &:= 2^4 + 7^2 + 10^2 + 11^0 + 18^2 = 24 + 72 + 102 + 110 + 182 & 490 &:= 3^4 + 4^3 + 7^3 + 12^0 + 22^0 = 34 + 43 + 73 + 120 + 220 \\ 490 &:= 2^4 + 7^3 + 9^1 + 11^2 + 19^0 = 24 + 73 + 91 + 112 + 190 & 490 &:= 3^4 + 4^3 + 7^3 + 13^0 + 21^0 = 34 + 43 + 73 + 130 + 210 \\ 490 &:= 2^4 + 8^1 + 8^1 + 13^2 + 17^2 = 24 + 81 + 81 + 132 + 172 & 490 &:= 3^4 + 4^3 + 7^3 + 14^0 + 20^0 = 34 + 43 + 73 + 140 + 200 \\ 490 &:= 2^4 + 9^0 + 9^2 + 14^2 + 14^2 = 24 + 90 + 92 + 142 + 142 & 490 &:= 3^4 + 4^3 + 7^3 + 15^0 + 19^0 = 34 + 43 + 73 + 150 + 190 \\ 490 &:= 2^5 + 3^0 + 9^2 + 15^1 + 19^2 = 25 + 30 + 92 + 151 + 192 & 490 &:= 3^4 + 4^3 + 7^3 + 16^0 + 18^0 = 34 + 43 + 73 + 160 + 180 \\ 490 &:= 2^5 + 3^2 + 7^1 + 15^0 + 21^2 = 25 + 32 + 71 + 150 + 212 & 490 &:= 3^4 + 4^3 + 7^3 + 17^0 + 17^0 = 34 + 43 + 73 + 170 + 170 \\ 490 &:= 2^5 + 5^0 + 11^2 + 12^1 + 18^2 = 25 + 50 + 112 + 121 + 182 & 490 &:= 3^4 + 4^3 + 7^3 + 8^0 + 26^0 = 34 + 43 + 73 + 80 + 260 \\ 490 &:= 2^5 + 5^1 + 11^0 + 14^2 + 16^2 = 25 + 51 + 110 + 142 + 162 & 490 &:= 3^4 + 4^3 + 7^3 + 9^0 + 25^0 = 34 + 43 + 73 + 90 + 250 \\ 490 &:= 2^5 + 7^1 + 9^0 + 15^2 + 15^2 = 25 + 71 + 90 + 152 + 152 & 490 &:= 3^4 + 5^1 + 12^1 + 14^2 + 14^2 = 34 + 51 + 121 + 142 + 142 \\ 490 &:= 2^5 + 7^2 + 8^1 + 11^0 + 20^2 = 25 + 72 + 81 + 110 + 202 & 490 &:= 3^4 + 6^1 + 11^1 + 14^2 + 14^2 = 34 + 61 + 111 + 142 + 142 \\ 490 &:= 2^6 + 3^0 + 10^2 + 15^0 + 18^2 = 26 + 30 + 102 + 150 + 182 & 490 &:= 3^4 + 7^1 + 10^1 + 14^2 + 14^2 = 34 + 71 + 101 + 142 + 142 \\ 490 &:= 2^6 + 4^0 + 10^2 + 14^0 + 18^2 = 26 + 40 + 102 + 140 + 182 & 490 &:= 3^4 + 7^2 + 7^3 + 15^0 + 16^1 = 34 + 72 + 73 + 150 + 161 \\ 490 &:= 2^6 + 5^0 + 10^2 + 13^0 + 18^2 = 26 + 50 + 102 + 130 + 182 & 490 &:= 3^4 + 8^1 + 9^1 + 14^2 + 14^2 = 34 + 81 + 91 + 142 + 142 \\ 490 &:= 2^6 + 6^0 + 10^2 + 12^0 + 18^2 = 26 + 60 + 102 + 120 + 182 & 490 &:= 3^5 + 4^1 + 11^2 + 11^2 + 19^0 = 35 + 41 + 112 + 112 + 190 \\ 490 &:= 2^6 + 7^0 + 10^2 + 11^0 + 18^2 = 26 + 70 + 102 + 110 + 182 & 490 &:= 3^5 + 4^1 + 6^3 + 9^0 + 26^1 = 35 + 41 + 63 + 90 + 261 \\ 490 &:= 2^6 + 8^0 + 10^0 + 10^2 + 18^2 = 26 + 80 + 100 + 102 + 182 & 490 &:= 3^5 + 4^2 + 5^1 + 15^2 + 21^0 = 35 + 42 + 51 + 152 + 210 \\ 490 &:= 2^6 + 9^0 + 9^0 + 10^2 + 18^2 = 26 + 90 + 90 + 102 + 182 & 490 &:= 3^5 + 5^1 + 6^3 + 9^0 + 25^1 = 35 + 51 + 63 + 90 + 251 \\ 490 &:= 2^7 + 2^8 + 3^4 + 16^0 + 24^1 = 27 + 28 + 34 + 160 + 241 & 490 &:= 3^5 + 6^1 + 6^3 + 9^0 + 24^1 = 35 + 61 + 63 + 90 + 241 \\ 490 &:= 3^0 + 3^3 + 3^4 + 19^2 + 20^1 = 30 + 33 + 34 + 192 + 201 & 490 &:= 3^5 + 6^2 + 11^0 + 14^1 + 14^2 = 35 + 62 + 110 + 141 + 142 \\ 490 &:= 3^0 + 3^4 + 4^3 + 18^2 + 20^1 = 30 + 34 + 43 + 182 + 201 & 490 &:= 3^5 + 6^3 + 7^1 + 9^0 + 23^1 = 35 + 63 + 71 + 90 + 231 \\ 490 &:= 3^0 + 3^4 + 6^3 + 13^2 + 23^1 = 30 + 34 + 63 + 132 + 231 & 490 &:= 3^5 + 6^3 + 8^1 + 9^0 + 22^1 = 35 + 63 + 81 + 90 + 221 \\ 490 &:= 3^0 + 3^5 + 9^2 + 12^2 + 21^1 = 30 + 35 + 92 + 122 + 211 & 490 &:= 3^5 + 6^3 + 9^0 + 10^1 + 20^1 = 35 + 63 + 90 + 101 + 201 \\ 490 &:= 3^0 + 4^3 + 4^4 + 12^2 + 25^1 = 30 + 43 + 44 + 122 + 251 & 490 &:= 3^5 + 6^3 + 9^0 + 11^1 + 19^1 = 35 + 63 + 90 + 111 + 191 \\ 490 &:= 3^0 + 4^4 + 5^3 + 9^2 + 27^1 = 30 + 44 + 53 + 92 + 271 & 490 &:= 3^5 + 6^3 + 9^0 + 12^1 + 18^1 = 35 + 63 + 90 + 121 + 181 \end{aligned}$$

$$\begin{aligned}
 490 &:= 3^5 + 6^3 + 9^0 + 13^1 + 17^1 = 35 + 63 + 90 + 131 + 171 \\
 490 &:= 3^5 + 6^3 + 9^0 + 14^1 + 16^1 = 35 + 63 + 90 + 141 + 161 \\
 490 &:= 3^5 + 6^3 + 9^0 + 15^1 + 15^1 = 35 + 63 + 90 + 151 + 151 \\
 490 &:= 3^5 + 6^3 + 9^0 + 9^1 + 21^1 = 35 + 63 + 90 + 91 + 211 \\
 490 &:= 3^5 + 8^2 + 11^0 + 13^1 + 13^2 = 35 + 82 + 110 + 131 + 132 \\
 490 &:= 4^2 + 6^3 + 11^2 + 11^2 + 16^1 = 42 + 63 + 112 + 112 + 161 \\
 490 &:= 4^3 + 4^3 + 7^3 + 15^0 + 18^1 = 43 + 43 + 73 + 150 + 181 \\
 490 &:= 4^3 + 5^2 + 10^2 + 12^1 + 17^2 = 43 + 52 + 102 + 121 + 172 \\
 490 &:= 4^3 + 5^2 + 5^2 + 15^1 + 19^2 = 43 + 52 + 52 + 151 + 192 \\
 490 &:= 4^3 + 5^2 + 8^2 + 13^1 + 18^2 = 43 + 52 + 82 + 131 + 182 \\
 490 &:= 4^3 + 9^1 + 10^2 + 11^2 + 14^2 = 43 + 91 + 102 + 112 + 142 \\
 490 &:= 4^4 + 5^2 + 8^2 + 12^2 + 19^0 = 44 + 52 + 82 + 122 + 190 \\
 490 &:= 4^4 + 5^3 + 8^1 + 10^2 + 21^0 = 44 + 53 + 81 + 102 + 210
 \end{aligned}$$

$$\begin{aligned}
 490 &:= 5^2 + 10^2 + 10^2 + 11^2 + 12^2 = 52 + 102 + 102 + 112 + 122 \\
 490 &:= 5^2 + 5^3 + 6^2 + 15^1 + 17^2 = 52 + 53 + 62 + 151 + 172 \\
 490 &:= 5^2 + 6^2 + 6^3 + 14^2 + 17^1 = 52 + 62 + 63 + 142 + 171 \\
 490 &:= 5^2 + 6^2 + 7^3 + 8^2 + 22^1 = 52 + 62 + 73 + 82 + 221 \\
 490 &:= 5^2 + 6^3 + 8^2 + 13^2 + 16^1 = 52 + 63 + 82 + 132 + 161 \\
 490 &:= 5^3 + 5^3 + 6^3 + 9^0 + 23^1 = 53 + 53 + 63 + 90 + 231 \\
 490 &:= 5^3 + 6^2 + 11^2 + 12^1 + 14^2 = 53 + 62 + 112 + 121 + 142 \\
 490 &:= 5^3 + 8^2 + 11^1 + 11^2 + 13^2 = 53 + 82 + 111 + 112 + 132 \\
 490 &:= 5^3 + 8^2 + 8^2 + 12^1 + 15^2 = 53 + 82 + 82 + 121 + 152 \\
 490 &:= 6^2 + 8^2 + 10^2 + 11^2 + 13^2 = 62 + 82 + 102 + 112 + 132 \\
 490 &:= 7^2 + 8^2 + 8^2 + 12^2 + 13^2 = 72 + 82 + 82 + 122 + 132 \\
 490 &:= 7^2 + 8^2 + 9^2 + 10^2 + 14^2 = 72 + 82 + 92 + 102 + 142
 \end{aligned}$$

2.2.392 Number 491

$$\begin{aligned}
 491 &:= 1^2 + 2^7 + 19^2 + 26^0 = 12 + 27 + 192 + 260 \\
 491 &:= 1^8 + 5^1 + 20^0 + 22^2 = 18 + 51 + 200 + 222 \\
 491 &:= 2^7 + 7^3 + 19^1 + 20^0 = 27 + 73 + 191 + 200 \\
 491 &:= 2^8 + 9^1 + 15^2 + 22^0 = 28 + 91 + 152 + 220 \\
 491 &:= 3^5 + 3^5 + 4^1 + 38^0 = 35 + 35 + 41 + 380 \\
 491 &:= 4^3 + 4^4 + 7^2 + 11^2 + 22^0 = 43 + 44 + 72 + 112 + 220 \\
 491 &:= 3^5 + 5^3 + 8^0 + 10^2 + 22^1 = 35 + 53 + 80 + 102 + 221 \\
 491 &:= 3^5 + 4^3 + 13^2 + 14^0 + 14^1 = 35 + 43 + 132 + 140 + 141 \\
 491 &:= 3^5 + 4^2 + 6^3 + 15^1 + 20^0 = 35 + 42 + 63 + 151 + 200 \\
 491 &:= 3^4 + 6^3 + 7^2 + 12^2 + 20^0 = 34 + 63 + 72 + 122 + 200 \\
 491 &:= 3^4 + 4^4 + 9^1 + 12^2 + 20^0 = 34 + 44 + 91 + 122 + 200 \\
 491 &:= 3^4 + 3^4 + 4^1 + 18^2 + 20^0 = 34 + 34 + 41 + 182 + 200 \\
 491 &:= 3^3 + 3^5 + 4^0 + 14^2 + 24^1 = 33 + 35 + 40 + 142 + 241 \\
 491 &:= 3^2 + 4^4 + 5^3 + 10^2 + 26^0 = 32 + 44 + 53 + 102 + 260 \\
 491 &:= 3^2 + 3^5 + 6^3 + 14^0 + 22^1 = 32 + 35 + 63 + 140 + 221 \\
 491 &:= 3^1 + 3^5 + 3^5 + 19^0 + 20^0 = 31 + 35 + 35 + 190 + 200 \\
 491 &:= 3^1 + 3^5 + 3^5 + 18^0 + 21^0 = 31 + 35 + 35 + 180 + 210 \\
 491 &:= 3^1 + 3^5 + 3^5 + 17^0 + 22^0 = 31 + 35 + 35 + 170 + 220 \\
 491 &:= 3^1 + 3^5 + 3^5 + 16^0 + 23^0 = 31 + 35 + 35 + 160 + 230 \\
 491 &:= 3^1 + 3^5 + 3^5 + 15^0 + 24^0 = 31 + 35 + 35 + 150 + 240 \\
 491 &:= 3^1 + 3^5 + 3^5 + 14^0 + 25^0 = 31 + 35 + 35 + 140 + 250 \\
 491 &:= 3^1 + 3^5 + 3^5 + 13^0 + 26^0 = 31 + 35 + 35 + 130 + 260
 \end{aligned}$$

$$\begin{aligned}
 491 &:= 3^1 + 3^5 + 3^5 + 12^0 + 27^0 = 31 + 35 + 35 + 120 + 270 \\
 491 &:= 2^8 + 8^1 + 9^0 + 14^0 + 15^2 = 28 + 81 + 90 + 140 + 152 \\
 491 &:= 2^8 + 8^1 + 11^0 + 12^0 + 15^2 = 28 + 81 + 110 + 120 + 152 \\
 491 &:= 2^8 + 8^1 + 10^0 + 13^0 + 15^2 = 28 + 81 + 100 + 130 + 152 \\
 491 &:= 2^8 + 8^0 + 8^1 + 15^0 + 15^2 = 28 + 80 + 81 + 150 + 152 \\
 491 &:= 2^8 + 7^0 + 8^1 + 15^2 + 16^0 = 28 + 70 + 81 + 152 + 160 \\
 491 &:= 2^8 + 6^0 + 8^1 + 15^2 + 17^0 = 28 + 60 + 81 + 152 + 170 \\
 491 &:= 2^8 + 5^0 + 8^1 + 15^2 + 18^0 = 28 + 50 + 81 + 152 + 180 \\
 491 &:= 2^8 + 4^0 + 8^1 + 15^2 + 19^0 = 28 + 40 + 81 + 152 + 190 \\
 491 &:= 2^8 + 3^0 + 8^1 + 15^2 + 20^0 = 28 + 30 + 81 + 152 + 200 \\
 491 &:= 2^7 + 7^3 + 9^0 + 12^0 + 18^1 = 27 + 73 + 90 + 120 + 181 \\
 491 &:= 2^7 + 7^3 + 8^0 + 13^0 + 18^1 = 27 + 73 + 80 + 130 + 181 \\
 491 &:= 2^7 + 7^3 + 10^0 + 11^0 + 18^1 = 27 + 73 + 100 + 110 + 181 \\
 491 &:= 2^7 + 7^0 + 7^3 + 14^0 + 18^1 = 27 + 70 + 73 + 140 + 181 \\
 491 &:= 2^7 + 6^0 + 7^3 + 15^0 + 18^1 = 27 + 60 + 73 + 150 + 181 \\
 491 &:= 2^7 + 5^0 + 7^3 + 16^0 + 18^1 = 27 + 50 + 73 + 160 + 181 \\
 491 &:= 2^7 + 4^0 + 7^3 + 17^0 + 18^1 = 27 + 40 + 73 + 170 + 181 \\
 491 &:= 2^7 + 3^0 + 7^3 + 18^0 + 18^1 = 27 + 30 + 73 + 180 + 181 \\
 491 &:= 2^6 + 5^1 + 12^0 + 14^2 + 15^2 = 26 + 51 + 120 + 142 + 152 \\
 491 &:= 2^6 + 4^3 + 9^0 + 14^0 + 19^2 = 26 + 43 + 90 + 140 + 192 \\
 491 &:= 2^6 + 4^3 + 8^0 + 15^0 + 19^2 = 26 + 43 + 80 + 150 + 192 \\
 491 &:= 2^6 + 4^3 + 7^0 + 16^0 + 19^2 = 26 + 43 + 70 + 160 + 192
 \end{aligned}$$

$$\begin{aligned}
 491 &:= 2^6 + 4^3 + 6^0 + 17^0 + 19^2 = 26 + 43 + 60 + 170 + 192 & 491 &:= 2^0 + 2^7 + 7^3 + 18^1 + 19^0 = 20 + 27 + 73 + 181 + 190 \\
 491 &:= 2^6 + 4^3 + 5^0 + 18^0 + 19^2 = 26 + 43 + 50 + 180 + 192 & 491 &:= 2^0 + 2^6 + 4^3 + 19^2 + 21^0 = 20 + 26 + 43 + 192 + 210 \\
 491 &:= 2^6 + 4^3 + 11^0 + 12^0 + 19^2 = 26 + 43 + 110 + 120 + 192 & 491 &:= 2^0 + 2^6 + 11^2 + 16^1 + 17^2 = 20 + 26 + 112 + 161 + 172 \\
 491 &:= 2^6 + 4^3 + 10^0 + 13^0 + 19^2 = 26 + 43 + 100 + 130 + 192 & 491 &:= 2^0 + 2^4 + 2^5 + 21^0 + 21^2 = 20 + 24 + 25 + 210 + 212 \\
 491 &:= 2^6 + 4^2 + 10^1 + 12^0 + 20^2 = 26 + 42 + 101 + 120 + 202 & 491 &:= 2^0 + 2^2 + 2^6 + 20^2 + 22^1 = 20 + 22 + 26 + 202 + 221 \\
 491 &:= 2^6 + 4^0 + 7^2 + 16^1 + 19^2 = 26 + 40 + 72 + 161 + 192 & 491 &:= 1^9 + 2^8 + 8^2 + 13^2 + 23^0 = 19 + 28 + 82 + 132 + 230 \\
 491 &:= 2^6 + 4^0 + 4^3 + 19^0 + 19^2 = 26 + 40 + 43 + 190 + 192 & 491 &:= 1^9 + 2^8 + 6^3 + 17^1 + 21^0 = 19 + 28 + 63 + 171 + 210 \\
 491 &:= 2^6 + 3^2 + 6^0 + 17^1 + 20^2 = 26 + 32 + 60 + 171 + 202 & 491 &:= 1^9 + 2^7 + 4^2 + 18^2 + 22^1 = 19 + 27 + 42 + 182 + 221 \\
 491 &:= 2^6 + 3^0 + 4^3 + 19^2 + 20^0 = 26 + 30 + 43 + 192 + 200 & 491 &:= 1^9 + 2^6 + 4^4 + 13^2 + 27^0 = 19 + 26 + 44 + 132 + 270 \\
 491 &:= 2^5 + 9^2 + 10^0 + 11^2 + 16^2 = 25 + 92 + 100 + 112 + 162 & 491 &:= 1^9 + 1^9 + 4^1 + 19^0 + 22^2 = 19 + 19 + 41 + 190 + 222 \\
 491 &:= 2^5 + 8^2 + 10^0 + 13^2 + 15^2 = 25 + 82 + 100 + 132 + 152 & 491 &:= 1^8 + 4^1 + 9^0 + 12^0 + 22^2 = 18 + 41 + 90 + 120 + 222 \\
 491 &:= 2^5 + 7^3 + 10^2 + 14^0 + 15^1 = 25 + 73 + 102 + 140 + 151 & 491 &:= 1^8 + 4^1 + 8^0 + 13^0 + 22^2 = 18 + 41 + 80 + 130 + 222 \\
 491 &:= 2^5 + 6^3 + 8^0 + 15^2 + 17^1 = 25 + 63 + 80 + 152 + 171 & 491 &:= 1^8 + 4^1 + 7^0 + 14^0 + 22^2 = 18 + 41 + 70 + 140 + 222 \\
 491 &:= 2^5 + 5^3 + 9^1 + 14^0 + 18^2 = 25 + 53 + 91 + 140 + 182 & 491 &:= 1^8 + 4^1 + 6^0 + 15^0 + 22^2 = 18 + 41 + 60 + 150 + 222 \\
 491 &:= 2^5 + 5^2 + 12^0 + 12^2 + 17^2 = 25 + 52 + 120 + 122 + 172 & 491 &:= 1^8 + 4^1 + 5^0 + 16^0 + 22^2 = 18 + 41 + 50 + 160 + 222 \\
 491 &:= 2^5 + 4^2 + 9^2 + 14^0 + 19^2 = 25 + 42 + 92 + 140 + 192 & 491 &:= 1^8 + 4^1 + 10^0 + 11^0 + 22^2 = 18 + 41 + 100 + 110 + 222 \\
 491 &:= 2^5 + 3^2 + 7^2 + 16^0 + 20^2 = 25 + 32 + 72 + 160 + 202 & 491 &:= 1^8 + 4^0 + 4^1 + 17^0 + 22^2 = 18 + 40 + 41 + 170 + 222 \\
 491 &:= 2^4 + 5^2 + 5^3 + 18^0 + 18^2 = 24 + 52 + 53 + 180 + 182 & 491 &:= 1^8 + 3^0 + 4^1 + 18^0 + 22^2 = 18 + 30 + 41 + 180 + 222 \\
 491 &:= 2^4 + 4^4 + 6^0 + 14^2 + 22^1 = 24 + 44 + 60 + 142 + 221 & 491 &:= 1^8 + 2^8 + 4^3 + 13^2 + 27^0 = 18 + 28 + 43 + 132 + 270 \\
 491 &:= 2^4 + 4^3 + 7^2 + 16^0 + 19^2 = 24 + 43 + 72 + 160 + 192 & 491 &:= 1^8 + 2^3 + 2^8 + 15^2 + 27^0 = 18 + 23 + 28 + 152 + 270 \\
 491 &:= 2^4 + 4^3 + 11^2 + 14^0 + 17^2 = 24 + 43 + 112 + 140 + 172 & 491 &:= 1^8 + 2^0 + 4^1 + 19^0 + 22^2 = 18 + 20 + 41 + 190 + 222 \\
 491 &:= 2^4 + 2^5 + 9^0 + 14^0 + 21^2 = 24 + 25 + 90 + 140 + 212 & 491 &:= 1^8 + 1^9 + 2^2 + 21^0 + 22^2 = 18 + 19 + 22 + 210 + 222 \\
 491 &:= 2^4 + 2^5 + 8^0 + 15^0 + 21^2 = 24 + 25 + 80 + 150 + 212 & 491 &:= 1^7 + 2^7 + 3^4 + 16^2 + 25^1 = 17 + 27 + 34 + 162 + 251 \\
 491 &:= 2^4 + 2^5 + 7^0 + 16^0 + 21^2 = 24 + 25 + 70 + 160 + 212 & 491 &:= 1^7 + 2^6 + 2^6 + 19^2 + 23^0 = 17 + 26 + 26 + 192 + 230 \\
 491 &:= 2^4 + 2^5 + 6^0 + 17^0 + 21^2 = 24 + 25 + 60 + 170 + 212 & 491 &:= 1^7 + 2^2 + 9^0 + 14^0 + 22^2 = 17 + 22 + 90 + 140 + 222 \\
 491 &:= 2^4 + 2^5 + 5^0 + 18^0 + 21^2 = 24 + 25 + 50 + 180 + 212 & 491 &:= 1^7 + 2^2 + 8^0 + 15^0 + 22^2 = 17 + 22 + 80 + 150 + 222 \\
 491 &:= 2^4 + 2^5 + 4^0 + 19^0 + 21^2 = 24 + 25 + 40 + 190 + 212 & 491 &:= 1^7 + 2^2 + 7^0 + 16^0 + 22^2 = 17 + 22 + 70 + 160 + 222 \\
 491 &:= 2^4 + 2^5 + 3^0 + 20^0 + 21^2 = 24 + 25 + 30 + 200 + 212 & 491 &:= 1^7 + 2^2 + 6^0 + 17^0 + 22^2 = 17 + 22 + 60 + 170 + 222 \\
 491 &:= 2^4 + 2^5 + 11^0 + 12^0 + 21^2 = 24 + 25 + 110 + 120 + 212 & 491 &:= 1^7 + 2^2 + 5^0 + 18^0 + 22^2 = 17 + 22 + 50 + 180 + 222 \\
 491 &:= 2^4 + 2^5 + 10^0 + 13^0 + 21^2 = 24 + 25 + 100 + 130 + 212 & 491 &:= 1^7 + 2^2 + 4^0 + 19^0 + 22^2 = 17 + 22 + 40 + 190 + 222 \\
 491 &:= 2^4 + 2^4 + 6^0 + 17^1 + 21^2 = 24 + 24 + 60 + 171 + 212 & 491 &:= 1^7 + 2^2 + 3^0 + 20^0 + 22^2 = 17 + 22 + 30 + 200 + 222 \\
 491 &:= 2^3 + 4^4 + 6^3 + 10^1 + 26^0 = 23 + 44 + 63 + 101 + 260 & 491 &:= 1^7 + 2^2 + 11^0 + 12^0 + 22^2 = 17 + 22 + 110 + 120 + 222 \\
 491 &:= 2^3 + 3^5 + 14^0 + 14^1 + 15^2 = 23 + 35 + 140 + 141 + 152 & 491 &:= 1^7 + 2^2 + 10^0 + 13^0 + 22^2 = 17 + 22 + 100 + 130 + 222 \\
 491 &:= 2^3 + 2^5 + 9^1 + 14^0 + 21^2 = 23 + 25 + 91 + 140 + 212 & 491 &:= 1^7 + 2^1 + 3^1 + 20^0 + 22^2 = 17 + 21 + 31 + 200 + 222 \\
 491 &:= 2^3 + 2^4 + 5^2 + 18^0 + 21^2 = 23 + 24 + 52 + 180 + 212 & 491 &:= 1^7 + 2^0 + 2^2 + 21^0 + 22^2 = 17 + 20 + 22 + 210 + 222 \\
 491 &:= 2^2 + 3^5 + 6^3 + 10^0 + 27^1 = 22 + 35 + 63 + 100 + 271 & 491 &:= 1^7 + 1^8 + 3^3 + 21^1 + 21^2 = 17 + 18 + 33 + 211 + 212 \\
 491 &:= 2^1 + 2^6 + 10^2 + 16^0 + 18^2 = 21 + 26 + 102 + 160 + 182 & 491 &:= 1^6 + 8^1 + 9^2 + 10^0 + 20^2 = 16 + 81 + 92 + 100 + 202 \\
 491 &:= 2^0 + 2^8 + 8^1 + 15^2 + 21^0 = 20 + 28 + 81 + 152 + 210 & 491 &:= 1^6 + 8^0 + 8^1 + 15^2 + 16^2 = 16 + 80 + 81 + 152 + 162
 \end{aligned}$$

$$\begin{aligned}
 491 &:= 1^6 + 7^1 + 10^0 + 11^2 + 19^2 = 16 + 71 + 100 + 112 + 192 \\
 491 &:= 1^6 + 6^2 + 8^0 + 12^1 + 21^2 = 16 + 62 + 80 + 121 + 212 \\
 491 &:= 1^6 + 4^1 + 12^0 + 14^2 + 17^2 = 16 + 41 + 120 + 142 + 172 \\
 491 &:= 1^6 + 1^9 + 3^3 + 21^1 + 21^2 = 16 + 19 + 33 + 211 + 212 \\
 491 &:= 1^5 + 8^2 + 8^2 + 12^0 + 19^2 = 15 + 82 + 82 + 120 + 192 \\
 491 &:= 1^5 + 8^2 + 10^0 + 13^2 + 16^2 = 15 + 82 + 100 + 132 + 162 \\
 491 &:= 1^5 + 6^3 + 8^0 + 16^2 + 17^1 = 15 + 63 + 80 + 162 + 171 \\
 491 &:= 1^5 + 5^2 + 8^2 + 14^0 + 20^2 = 15 + 52 + 82 + 140 + 202 \\
 491 &:= 1^5 + 4^0 + 7^3 + 11^2 + 25^1 = 15 + 40 + 73 + 112 + 251 \\
 491 &:= 1^5 + 3^1 + 5^3 + 19^2 + 20^0 = 15 + 31 + 53 + 192 + 200 \\
 491 &:= 1^5 + 2^2 + 14^0 + 14^2 + 17^2 = 15 + 22 + 140 + 142 + 172 \\
 491 &:= 1^5 + 2^1 + 7^3 + 12^2 + 26^0 = 15 + 21 + 73 + 122 + 260 \\
 491 &:= 1^5 + 2^0 + 3^3 + 21^1 + 21^2 = 15 + 20 + 33 + 211 + 212 \\
 491 &:= 1^5 + 10^0 + 10^2 + 10^2 + 17^2 = 15 + 100 + 102 + 102 + 172 \\
 491 &:= 1^4 + 5^3 + 7^3 + 14^0 + 21^1 = 14 + 53 + 73 + 140 + 211 \\
 491 &:= 1^4 + 5^2 + 7^3 + 11^2 + 24^0 = 14 + 52 + 73 + 112 + 240 \\
 491 &:= 1^4 + 4^4 + 8^1 + 15^2 + 20^0 = 14 + 44 + 81 + 152 + 200 \\
 491 &:= 1^4 + 4^3 + 8^2 + 16^0 + 19^2 = 14 + 43 + 82 + 160 + 192 \\
 491 &:= 1^4 + 4^3 + 5^2 + 18^0 + 20^2 = 14 + 43 + 52 + 180 + 202 \\
 491 &:= 1^4 + 4^3 + 13^2 + 14^0 + 16^2 = 14 + 43 + 132 + 140 + 162 \\
 491 &:= 1^4 + 3^4 + 8^1 + 16^0 + 20^2 = 14 + 34 + 81 + 160 + 202 \\
 491 &:= 1^4 + 2^3 + 9^2 + 16^0 + 20^2 = 14 + 23 + 92 + 160 + 202 \\
 491 &:= 1^4 + 2^3 + 14^0 + 15^2 + 16^2 = 14 + 23 + 140 + 152 + 162 \\
 491 &:= 1^4 + 1^4 + 4^1 + 20^0 + 22^2 = 14 + 14 + 41 + 200 + 222 \\
 491 &:= 1^3 + 4^4 + 8^2 + 13^2 + 22^0 = 13 + 44 + 82 + 132 + 220
 \end{aligned}$$

$$\begin{aligned}
 491 &:= 1^3 + 4^4 + 6^3 + 17^1 + 20^0 = 13 + 44 + 63 + 171 + 200 \\
 491 &:= 1^3 + 4^3 + 4^3 + 19^2 + 20^0 = 13 + 43 + 43 + 192 + 200 \\
 491 &:= 1^3 + 3^5 + 8^0 + 15^2 + 21^1 = 13 + 35 + 80 + 152 + 211 \\
 491 &:= 1^3 + 2^5 + 8^0 + 16^1 + 21^2 = 13 + 25 + 80 + 161 + 212 \\
 491 &:= 1^3 + 1^5 + 4^1 + 20^0 + 22^2 = 13 + 15 + 41 + 200 + 222 \\
 491 &:= 1^3 + 1^4 + 2^2 + 22^0 + 22^2 = 13 + 14 + 22 + 220 + 222 \\
 491 &:= 1^2 + 4^3 + 4^4 + 13^2 + 26^0 = 12 + 43 + 44 + 132 + 260 \\
 491 &:= 1^2 + 2^5 + 4^2 + 20^0 + 21^2 = 12 + 25 + 42 + 200 + 212 \\
 491 &:= 1^2 + 2^3 + 4^4 + 15^2 + 26^0 = 12 + 23 + 44 + 152 + 260 \\
 491 &:= 1^2 + 2^3 + 3^4 + 20^2 + 22^0 = 12 + 23 + 34 + 202 + 220 \\
 491 &:= 1^2 + 1^6 + 4^1 + 20^0 + 22^2 = 12 + 16 + 41 + 200 + 222 \\
 491 &:= 1^2 + 1^5 + 2^2 + 22^0 + 22^2 = 12 + 15 + 22 + 220 + 222 \\
 491 &:= 1^1 + 2^6 + 8^2 + 18^0 + 19^2 = 11 + 26 + 82 + 180 + 192 \\
 491 &:= 1^1 + 2^6 + 5^2 + 20^0 + 20^2 = 11 + 26 + 52 + 200 + 202 \\
 491 &:= 1^1 + 2^6 + 13^2 + 16^0 + 16^2 = 11 + 26 + 132 + 160 + 162 \\
 491 &:= 1^1 + 1^7 + 4^1 + 20^0 + 22^2 = 11 + 17 + 41 + 200 + 222 \\
 491 &:= 1^1 + 1^6 + 2^2 + 22^0 + 22^2 = 11 + 16 + 22 + 220 + 222 \\
 491 &:= 1^0 + 2^8 + 8^1 + 15^2 + 22^0 = 10 + 28 + 81 + 152 + 220 \\
 491 &:= 1^0 + 2^7 + 7^3 + 18^1 + 20^0 = 10 + 27 + 73 + 181 + 200 \\
 491 &:= 1^0 + 2^6 + 4^3 + 19^2 + 22^0 = 10 + 26 + 43 + 192 + 220 \\
 491 &:= 1^0 + 2^4 + 2^5 + 21^2 + 22^0 = 10 + 24 + 25 + 212 + 220 \\
 491 &:= 1^0 + 1^8 + 4^1 + 20^0 + 22^2 = 10 + 18 + 41 + 200 + 222 \\
 491 &:= 1^0 + 1^7 + 2^2 + 22^0 + 22^2 = 10 + 17 + 22 + 220 + 222
 \end{aligned}$$

2.2.393 Number 492

$$\begin{aligned}
 492 &:= 1^6 + 3^3 + 21^2 + 23^1 = 16 + 33 + 212 + 231 \\
 492 &:= 1^8 + 7^2 + 19^0 + 21^2 = 18 + 72 + 190 + 212 \\
 492 &:= 1^9 + 6^1 + 19^0 + 22^2 = 19 + 61 + 190 + 222 \\
 492 &:= 2^7 + 4^2 + 18^2 + 24^1 = 27 + 42 + 182 + 241 \\
 492 &:= 2^8 + 6^3 + 19^1 + 21^0 = 28 + 63 + 191 + 210 \\
 492 &:= 4^4 + 5^3 + 6^2 + 7^2 + 26^1 = 44 + 53 + 62 + 72 + 261 \\
 492 &:= 4^3 + 4^4 + 7^2 + 10^2 + 23^1 = 43 + 44 + 72 + 102 + 231 \\
 492 &:= 3^5 + 7^2 + 9^2 + 10^2 + 19^1 = 35 + 72 + 92 + 102 + 191 \\
 492 &:= 3^5 + 6^2 + 7^2 + 12^2 + 20^1 = 35 + 62 + 72 + 122 + 201 \\
 492 &:= 3^4 + 5^3 + 10^2 + 13^2 + 17^1 = 34 + 53 + 102 + 132 + 171 \\
 492 &:= 3^4 + 3^5 + 7^0 + 12^2 + 23^1 = 34 + 35 + 70 + 122 + 231
 \end{aligned}$$

$$\begin{aligned}
 492 &:= 3^3 + 5^3 + 6^3 + 10^2 + 24^1 = 33 + 53 + 63 + 102 + 241 \\
 492 &:= 3^3 + 4^3 + 5^3 + 16^2 + 20^1 = 33 + 43 + 53 + 162 + 201 \\
 492 &:= 3^3 + 4^3 + 4^4 + 12^2 + 25^0 = 33 + 43 + 44 + 122 + 250 \\
 492 &:= 3^3 + 4^2 + 4^4 + 13^2 + 24^1 = 33 + 42 + 44 + 132 + 241 \\
 492 &:= 3^3 + 3^5 + 5^2 + 14^2 + 23^0 = 33 + 35 + 52 + 142 + 230 \\
 492 &:= 3^3 + 3^5 + 10^2 + 11^2 + 21^0 = 33 + 35 + 102 + 112 + 210 \\
 492 &:= 3^3 + 3^4 + 12^2 + 15^1 + 15^2 = 33 + 34 + 122 + 151 + 152 \\
 492 &:= 3^2 + 3^5 + 7^2 + 13^2 + 22^1 = 32 + 35 + 72 + 132 + 221 \\
 492 &:= 3^2 + 3^4 + 5^3 + 16^2 + 21^1 = 32 + 34 + 53 + 162 + 211 \\
 492 &:= 2^8 + 6^3 + 9^0 + 13^0 + 18^1 = 28 + 63 + 90 + 130 + 181 \\
 492 &:= 2^8 + 6^3 + 8^0 + 14^0 + 18^1 = 28 + 63 + 80 + 140 + 181
 \end{aligned}$$

$$\begin{aligned} 492 &:= 2^8 + 6^3 + 7^0 + 15^0 + 18^1 = 28 + 63 + 70 + 150 + 181 \\ 492 &:= 2^8 + 6^3 + 11^0 + 11^0 + 18^1 = 28 + 63 + 110 + 110 + 181 \\ 492 &:= 2^8 + 6^3 + 10^0 + 12^0 + 18^1 = 28 + 63 + 100 + 120 + 181 \\ 492 &:= 2^8 + 6^0 + 6^3 + 16^0 + 18^1 = 28 + 60 + 63 + 160 + 181 \\ 492 &:= 2^8 + 5^1 + 5^1 + 15^2 + 21^0 = 28 + 51 + 51 + 152 + 210 \\ 492 &:= 2^8 + 5^0 + 6^3 + 17^0 + 18^1 = 28 + 50 + 63 + 170 + 181 \\ 492 &:= 2^8 + 4^1 + 6^1 + 15^2 + 21^0 = 28 + 41 + 61 + 152 + 210 \\ 492 &:= 2^8 + 4^0 + 6^3 + 18^0 + 18^1 = 28 + 40 + 63 + 180 + 181 \\ 492 &:= 2^8 + 3^2 + 9^0 + 15^2 + 19^0 = 28 + 32 + 90 + 152 + 190 \\ 492 &:= 2^8 + 3^2 + 8^0 + 15^2 + 20^0 = 28 + 32 + 80 + 152 + 200 \\ 492 &:= 2^8 + 3^2 + 7^0 + 15^2 + 21^0 = 28 + 32 + 70 + 152 + 210 \\ 492 &:= 2^8 + 3^2 + 6^0 + 15^2 + 22^0 = 28 + 32 + 60 + 152 + 220 \\ 492 &:= 2^8 + 3^2 + 5^0 + 15^2 + 23^0 = 28 + 32 + 50 + 152 + 230 \\ 492 &:= 2^8 + 3^2 + 4^0 + 15^2 + 24^0 = 28 + 32 + 40 + 152 + 240 \\ 492 &:= 2^8 + 3^2 + 14^0 + 14^0 + 15^2 = 28 + 32 + 140 + 140 + 152 \\ 492 &:= 2^8 + 3^2 + 13^0 + 15^0 + 15^2 = 28 + 32 + 130 + 150 + 152 \\ 492 &:= 2^8 + 3^2 + 12^0 + 15^2 + 16^0 = 28 + 32 + 120 + 152 + 160 \\ 492 &:= 2^8 + 3^2 + 11^0 + 15^2 + 17^0 = 28 + 32 + 110 + 152 + 170 \\ 492 &:= 2^8 + 3^2 + 10^0 + 15^2 + 18^0 = 28 + 32 + 100 + 152 + 180 \\ 492 &:= 2^8 + 3^1 + 7^1 + 15^2 + 21^0 = 28 + 31 + 71 + 152 + 210 \\ 492 &:= 2^8 + 3^0 + 6^3 + 18^1 + 19^0 = 28 + 30 + 63 + 181 + 190 \\ 492 &:= 2^8 + 3^0 + 3^2 + 15^2 + 25^0 = 28 + 30 + 32 + 152 + 250 \\ 492 &:= 2^7 + 8^2 + 10^1 + 11^0 + 17^2 = 27 + 82 + 101 + 110 + 172 \\ 492 &:= 2^7 + 7^3 + 9^1 + 11^1 + 19^0 = 27 + 73 + 91 + 111 + 190 \\ 492 &:= 2^7 + 7^3 + 8^1 + 12^1 + 19^0 = 27 + 73 + 81 + 121 + 190 \\ 492 &:= 2^7 + 7^3 + 10^1 + 10^1 + 19^0 = 27 + 73 + 101 + 101 + 190 \\ 492 &:= 2^7 + 7^1 + 7^3 + 13^1 + 19^0 = 27 + 71 + 73 + 131 + 190 \\ 492 &:= 2^7 + 7^1 + 10^2 + 13^0 + 16^2 = 27 + 71 + 102 + 130 + 162 \\ 492 &:= 2^7 + 6^1 + 7^3 + 14^1 + 19^0 = 27 + 61 + 73 + 141 + 190 \\ 492 &:= 2^7 + 5^2 + 9^0 + 14^1 + 18^2 = 27 + 52 + 90 + 141 + 182 \\ 492 &:= 2^7 + 5^1 + 7^3 + 15^1 + 19^0 = 27 + 51 + 73 + 151 + 190 \\ 492 &:= 2^7 + 4^1 + 7^3 + 16^1 + 19^0 = 27 + 41 + 73 + 161 + 190 \\ 492 &:= 2^7 + 3^1 + 7^3 + 17^1 + 19^0 = 27 + 31 + 73 + 171 + 190 \\ 492 &:= 2^7 + 3^1 + 6^2 + 18^2 + 19^0 = 27 + 31 + 62 + 182 + 190 \\ 492 &:= 2^7 + 3^0 + 11^2 + 15^2 + 17^1 = 27 + 30 + 112 + 152 + 171 \\ 492 &:= 2^6 + 9^2 + 11^0 + 11^2 + 15^2 = 26 + 92 + 110 + 112 + 152 \\ 492 &:= 2^6 + 9^1 + 9^1 + 11^2 + 17^2 = 26 + 91 + 91 + 112 + 172 \\ 492 &:= 2^6 + 8^1 + 10^1 + 11^2 + 17^2 = 26 + 81 + 101 + 112 + 172 \end{aligned}$$

$$\begin{aligned} 492 &:= 2^6 + 7^3 + 8^2 + 11^0 + 20^1 = 26 + 73 + 82 + 110 + 201 \\ 492 &:= 2^6 + 7^1 + 11^1 + 11^2 + 17^2 = 26 + 71 + 111 + 112 + 172 \\ 492 &:= 2^6 + 6^3 + 11^0 + 14^2 + 15^1 = 26 + 63 + 110 + 142 + 151 \\ 492 &:= 2^6 + 6^1 + 11^2 + 12^1 + 17^2 = 26 + 61 + 112 + 121 + 172 \\ 492 &:= 2^6 + 5^3 + 11^0 + 13^1 + 17^2 = 26 + 53 + 110 + 131 + 172 \\ 492 &:= 2^6 + 5^1 + 11^2 + 13^1 + 17^2 = 26 + 51 + 112 + 131 + 172 \\ 492 &:= 2^6 + 4^1 + 11^2 + 14^1 + 17^2 = 26 + 41 + 112 + 141 + 172 \\ 492 &:= 2^6 + 3^1 + 7^3 + 9^2 + 27^0 = 26 + 31 + 73 + 92 + 270 \\ 492 &:= 2^6 + 3^1 + 11^2 + 15^1 + 17^2 = 26 + 31 + 112 + 151 + 172 \\ 492 &:= 2^5 + 9^2 + 10^1 + 12^2 + 15^2 = 25 + 92 + 101 + 122 + 152 \\ 492 &:= 2^5 + 7^2 + 11^1 + 12^2 + 16^2 = 25 + 72 + 111 + 122 + 162 \\ 492 &:= 2^5 + 6^3 + 6^3 + 7^0 + 27^1 = 25 + 63 + 63 + 70 + 271 \\ 492 &:= 2^5 + 6^2 + 7^2 + 14^1 + 19^2 = 25 + 62 + 72 + 141 + 192 \\ 492 &:= 2^5 + 4^4 + 7^1 + 14^2 + 21^0 = 25 + 44 + 71 + 142 + 210 \\ 492 &:= 2^5 + 4^2 + 7^3 + 10^2 + 25^0 = 25 + 42 + 73 + 102 + 250 \\ 492 &:= 2^5 + 3^4 + 7^0 + 17^1 + 19^2 = 25 + 34 + 70 + 171 + 192 \\ 492 &:= 2^4 + 6^3 + 11^2 + 11^2 + 18^1 = 24 + 63 + 112 + 112 + 181 \\ 492 &:= 2^4 + 5^3 + 5^3 + 15^2 + 21^0 = 24 + 53 + 53 + 152 + 210 \\ 492 &:= 2^4 + 3^5 + 7^1 + 15^2 + 21^0 = 24 + 35 + 71 + 152 + 210 \\ 492 &:= 2^4 + 3^4 + 13^2 + 15^0 + 15^2 = 24 + 34 + 132 + 150 + 152 \\ 492 &:= 2^3 + 4^4 + 6^2 + 13^2 + 23^1 = 23 + 44 + 62 + 132 + 231 \\ 492 &:= 2^3 + 3^5 + 6^3 + 13^0 + 24^1 = 23 + 35 + 63 + 130 + 241 \\ 492 &:= 2^3 + 2^6 + 5^0 + 19^1 + 20^2 = 23 + 26 + 50 + 191 + 202 \\ 492 &:= 2^2 + 3^5 + 5^2 + 14^2 + 24^1 = 22 + 35 + 52 + 142 + 241 \\ 492 &:= 2^2 + 3^5 + 3^5 + 20^0 + 20^0 = 22 + 35 + 35 + 200 + 200 \\ 492 &:= 2^2 + 3^5 + 3^5 + 19^0 + 21^0 = 22 + 35 + 35 + 190 + 210 \\ 492 &:= 2^2 + 3^5 + 3^5 + 18^0 + 22^0 = 22 + 35 + 35 + 180 + 220 \\ 492 &:= 2^2 + 3^5 + 3^5 + 17^0 + 23^0 = 22 + 35 + 35 + 170 + 230 \\ 492 &:= 2^2 + 3^5 + 3^5 + 16^0 + 24^0 = 22 + 35 + 35 + 160 + 240 \\ 492 &:= 2^2 + 3^5 + 3^5 + 15^0 + 25^0 = 22 + 35 + 35 + 150 + 250 \\ 492 &:= 2^2 + 3^5 + 3^5 + 14^0 + 26^0 = 22 + 35 + 35 + 140 + 260 \\ 492 &:= 2^2 + 3^5 + 3^5 + 13^0 + 27^0 = 22 + 35 + 35 + 130 + 270 \\ 492 &:= 2^2 + 2^6 + 9^1 + 15^1 + 20^2 = 22 + 26 + 91 + 151 + 202 \\ 492 &:= 2^2 + 2^6 + 8^1 + 16^1 + 20^2 = 22 + 26 + 81 + 161 + 202 \\ 492 &:= 2^2 + 2^6 + 7^1 + 17^1 + 20^2 = 22 + 26 + 71 + 171 + 202 \\ 492 &:= 2^2 + 2^6 + 6^1 + 18^1 + 20^2 = 22 + 26 + 61 + 181 + 202 \\ 492 &:= 2^2 + 2^6 + 5^1 + 19^1 + 20^2 = 22 + 26 + 51 + 191 + 202 \\ 492 &:= 2^2 + 2^6 + 4^1 + 20^1 + 20^2 = 22 + 26 + 41 + 201 + 202 \end{aligned}$$

$$\begin{aligned} 492 &:= 2^2 + 2^6 + 3^1 + 20^2 + 21^1 = 22 + 26 + 31 + 202 + 211 \\ 492 &:= 2^2 + 2^6 + 12^1 + 12^1 + 20^2 = 22 + 26 + 121 + 121 + 202 \\ 492 &:= 2^2 + 2^6 + 11^1 + 13^1 + 20^2 = 22 + 26 + 111 + 131 + 202 \\ 492 &:= 2^2 + 2^6 + 10^1 + 14^1 + 20^2 = 22 + 26 + 101 + 141 + 202 \\ 492 &:= 2^1 + 2^8 + 8^1 + 15^2 + 21^0 = 21 + 28 + 81 + 152 + 210 \\ 492 &:= 2^1 + 2^7 + 7^3 + 18^1 + 19^0 = 21 + 27 + 73 + 181 + 190 \\ 492 &:= 2^1 + 2^6 + 4^3 + 19^2 + 21^0 = 21 + 26 + 43 + 192 + 210 \\ 492 &:= 2^1 + 2^6 + 11^2 + 16^1 + 17^2 = 21 + 26 + 112 + 161 + 172 \\ 492 &:= 2^1 + 2^4 + 2^5 + 21^0 + 21^2 = 21 + 24 + 25 + 210 + 212 \\ 492 &:= 2^1 + 2^2 + 2^6 + 20^2 + 22^1 = 21 + 22 + 26 + 202 + 221 \\ 492 &:= 2^0 + 2^8 + 6^3 + 18^1 + 20^0 = 20 + 28 + 63 + 181 + 200 \\ 492 &:= 2^0 + 2^8 + 3^2 + 15^2 + 26^0 = 20 + 28 + 32 + 152 + 260 \\ 492 &:= 1^9 + 5^1 + 9^0 + 11^0 + 22^2 = 19 + 51 + 90 + 110 + 222 \\ 492 &:= 1^9 + 5^1 + 8^0 + 12^0 + 22^2 = 19 + 51 + 80 + 120 + 222 \\ 492 &:= 1^9 + 5^1 + 7^0 + 13^0 + 22^2 = 19 + 51 + 70 + 130 + 222 \\ 492 &:= 1^9 + 5^1 + 6^0 + 14^0 + 22^2 = 19 + 51 + 60 + 140 + 222 \\ 492 &:= 1^9 + 5^1 + 10^0 + 10^0 + 22^2 = 19 + 51 + 100 + 100 + 222 \\ 492 &:= 1^9 + 5^0 + 5^1 + 15^0 + 22^2 = 19 + 50 + 51 + 150 + 222 \\ 492 &:= 1^9 + 4^0 + 5^1 + 16^0 + 22^2 = 19 + 40 + 51 + 160 + 222 \\ 492 &:= 1^9 + 3^0 + 5^1 + 17^0 + 22^2 = 19 + 30 + 51 + 170 + 222 \\ 492 &:= 1^9 + 2^0 + 5^1 + 18^0 + 22^2 = 19 + 20 + 51 + 180 + 222 \\ 492 &:= 1^8 + 3^1 + 3^1 + 19^0 + 22^2 = 18 + 31 + 31 + 190 + 222 \\ 492 &:= 1^8 + 2^1 + 4^1 + 19^0 + 22^2 = 18 + 21 + 41 + 190 + 222 \\ 492 &:= 1^7 + 9^0 + 9^1 + 9^2 + 20^2 = 17 + 90 + 91 + 92 + 202 \\ 492 &:= 1^7 + 8^1 + 9^0 + 11^2 + 19^2 = 17 + 81 + 90 + 112 + 192 \\ 492 &:= 1^7 + 7^0 + 9^1 + 15^2 + 16^2 = 17 + 70 + 91 + 152 + 162 \\ 492 &:= 1^7 + 6^2 + 7^0 + 13^1 + 21^2 = 17 + 62 + 70 + 131 + 212 \\ 492 &:= 1^7 + 5^1 + 11^0 + 14^2 + 17^2 = 17 + 51 + 110 + 142 + 172 \\ 492 &:= 1^7 + 2^1 + 2^2 + 21^0 + 22^2 = 17 + 21 + 22 + 210 + 222 \\ 492 &:= 1^6 + 9^0 + 11^2 + 12^2 + 15^2 = 16 + 90 + 112 + 122 + 152 \\ 492 &:= 1^6 + 6^3 + 7^0 + 16^2 + 18^1 = 16 + 63 + 70 + 162 + 181 \\ 492 &:= 1^6 + 4^1 + 5^3 + 19^0 + 19^2 = 16 + 41 + 53 + 190 + 192 \\ 492 &:= 1^6 + 3^2 + 9^2 + 15^0 + 20^2 = 16 + 32 + 92 + 150 + 202 \\ 492 &:= 1^6 + 3^2 + 13^0 + 15^2 + 16^2 = 16 + 32 + 130 + 152 + 162 \\ 492 &:= 1^6 + 3^1 + 7^3 + 12^2 + 25^0 = 16 + 31 + 73 + 122 + 250 \\ 492 &:= 1^6 + 3^0 + 7^3 + 11^2 + 26^1 = 16 + 30 + 73 + 112 + 261 \\ 492 &:= 1^6 + 1^7 + 2^7 + 19^2 + 24^0 = 16 + 17 + 27 + 192 + 240 \\ 492 &:= 1^5 + 9^2 + 10^1 + 12^2 + 16^2 = 15 + 92 + 101 + 122 + 162 \end{aligned}$$

$$\begin{aligned} 492 &:= 1^5 + 9^1 + 12^2 + 13^2 + 13^2 = 15 + 91 + 122 + 132 + 132 \\ 492 &:= 1^5 + 6^3 + 7^2 + 15^2 + 19^0 = 15 + 63 + 72 + 152 + 190 \\ 492 &:= 1^5 + 6^2 + 9^2 + 13^1 + 19^2 = 15 + 62 + 92 + 131 + 192 \\ 492 &:= 1^5 + 5^3 + 7^3 + 13^0 + 22^1 = 15 + 53 + 73 + 130 + 221 \\ 492 &:= 1^5 + 5^3 + 13^2 + 14^2 + 15^0 = 15 + 53 + 132 + 142 + 150 \\ 492 &:= 1^5 + 4^4 + 9^1 + 15^2 + 19^0 = 15 + 44 + 91 + 152 + 190 \\ 492 &:= 1^5 + 4^2 + 4^2 + 18^1 + 21^2 = 15 + 42 + 42 + 181 + 212 \\ 492 &:= 1^5 + 4^2 + 10^2 + 14^1 + 19^2 = 15 + 42 + 102 + 141 + 192 \\ 492 &:= 1^5 + 3^4 + 9^1 + 15^0 + 20^2 = 15 + 34 + 91 + 150 + 202 \\ 492 &:= 1^5 + 3^3 + 9^1 + 14^1 + 21^2 = 15 + 33 + 91 + 141 + 212 \\ 492 &:= 1^5 + 3^3 + 8^1 + 15^1 + 21^2 = 15 + 33 + 81 + 151 + 212 \\ 492 &:= 1^5 + 3^3 + 7^1 + 16^1 + 21^2 = 15 + 33 + 71 + 161 + 212 \\ 492 &:= 1^5 + 3^3 + 6^1 + 17^1 + 21^2 = 15 + 33 + 61 + 171 + 212 \\ 492 &:= 1^5 + 3^3 + 5^1 + 18^1 + 21^2 = 15 + 33 + 51 + 181 + 212 \\ 492 &:= 1^5 + 3^3 + 4^1 + 19^1 + 21^2 = 15 + 33 + 41 + 191 + 212 \\ 492 &:= 1^5 + 3^3 + 11^1 + 12^1 + 21^2 = 15 + 33 + 111 + 121 + 212 \\ 492 &:= 1^5 + 3^3 + 10^1 + 13^1 + 21^2 = 15 + 33 + 101 + 131 + 212 \\ 492 &:= 1^5 + 3^2 + 12^2 + 14^1 + 18^2 = 15 + 32 + 122 + 141 + 182 \\ 492 &:= 1^5 + 3^1 + 3^3 + 20^1 + 21^2 = 15 + 31 + 33 + 201 + 212 \\ 492 &:= 1^5 + 2^3 + 11^2 + 15^0 + 19^2 = 15 + 23 + 112 + 150 + 192 \\ 492 &:= 1^5 + 2^2 + 5^3 + 19^2 + 21^0 = 15 + 22 + 53 + 192 + 210 \\ 492 &:= 1^5 + 2^1 + 3^3 + 21^1 + 21^2 = 15 + 21 + 33 + 211 + 212 \\ 492 &:= 1^5 + 1^8 + 2^7 + 19^2 + 24^0 = 15 + 18 + 27 + 192 + 240 \\ 492 &:= 1^4 + 4^4 + 6^3 + 18^1 + 19^0 = 14 + 44 + 63 + 181 + 190 \\ 492 &:= 1^4 + 4^3 + 7^2 + 17^1 + 19^2 = 14 + 43 + 72 + 171 + 192 \\ 492 &:= 1^4 + 3^5 + 7^0 + 15^2 + 22^1 = 14 + 35 + 70 + 152 + 221 \\ 492 &:= 1^4 + 3^3 + 14^1 + 15^2 + 15^2 = 14 + 33 + 141 + 152 + 152 \\ 492 &:= 1^4 + 3^2 + 4^4 + 15^2 + 25^0 = 14 + 32 + 44 + 152 + 250 \\ 492 &:= 1^4 + 3^2 + 3^4 + 20^2 + 21^0 = 14 + 32 + 34 + 202 + 210 \\ 492 &:= 1^4 + 2^5 + 7^0 + 17^1 + 21^2 = 14 + 25 + 70 + 171 + 212 \\ 492 &:= 1^4 + 2^3 + 12^2 + 15^1 + 18^2 = 14 + 23 + 122 + 151 + 182 \\ 492 &:= 1^4 + 1^9 + 2^7 + 19^2 + 24^0 = 14 + 19 + 27 + 192 + 240 \\ 492 &:= 1^4 + 1^5 + 5^1 + 19^0 + 22^2 = 14 + 15 + 51 + 190 + 222 \\ 492 &:= 1^3 + 3^4 + 13^2 + 15^2 + 16^1 = 13 + 34 + 132 + 152 + 161 \\ 492 &:= 1^3 + 3^3 + 6^3 + 15^2 + 23^1 = 13 + 33 + 63 + 152 + 231 \\ 492 &:= 1^3 + 2^7 + 9^0 + 17^0 + 19^2 = 13 + 27 + 90 + 170 + 192 \\ 492 &:= 1^3 + 2^7 + 8^0 + 18^0 + 19^2 = 13 + 27 + 80 + 180 + 192 \\ 492 &:= 1^3 + 2^7 + 7^0 + 19^0 + 19^2 = 13 + 27 + 70 + 190 + 192 \end{aligned}$$

$$\begin{aligned}
 492 &:= 1^3 + 2^7 + 6^0 + 19^2 + 20^0 = 13 + 27 + 60 + 192 + 200 \\
 492 &:= 1^3 + 2^7 + 5^0 + 19^2 + 21^0 = 13 + 27 + 50 + 192 + 210 \\
 492 &:= 1^3 + 2^7 + 4^0 + 19^2 + 22^0 = 13 + 27 + 40 + 192 + 220 \\
 492 &:= 1^3 + 2^7 + 3^0 + 19^2 + 23^0 = 13 + 27 + 30 + 192 + 230 \\
 492 &:= 1^3 + 2^7 + 13^0 + 13^0 + 19^2 = 13 + 27 + 130 + 130 + 192 \\
 492 &:= 1^3 + 2^7 + 12^0 + 14^0 + 19^2 = 13 + 27 + 120 + 140 + 192 \\
 492 &:= 1^3 + 2^7 + 11^0 + 15^0 + 19^2 = 13 + 27 + 110 + 150 + 192 \\
 492 &:= 1^3 + 2^7 + 10^0 + 16^0 + 19^2 = 13 + 27 + 100 + 160 + 192 \\
 492 &:= 1^3 + 2^5 + 13^2 + 15^0 + 17^2 = 13 + 25 + 132 + 150 + 172 \\
 492 &:= 1^3 + 2^0 + 2^7 + 19^2 + 24^0 = 13 + 20 + 27 + 192 + 240 \\
 492 &:= 1^3 + 1^6 + 5^1 + 19^0 + 22^2 = 13 + 16 + 51 + 190 + 222 \\
 492 &:= 1^3 + 1^3 + 3^3 + 21^2 + 22^1 = 13 + 13 + 33 + 212 + 221 \\
 492 &:= 1^2 + 4^3 + 4^4 + 12^2 + 27^1 = 12 + 43 + 44 + 122 + 271 \\
 492 &:= 1^2 + 3^5 + 9^2 + 12^2 + 23^1 = 12 + 35 + 92 + 122 + 231 \\
 492 &:= 1^2 + 3^4 + 6^3 + 13^2 + 25^1 = 12 + 34 + 63 + 132 + 251 \\
 492 &:= 1^2 + 3^4 + 4^3 + 18^2 + 22^1 = 12 + 34 + 43 + 182 + 221 \\
 492 &:= 1^2 + 3^3 + 3^4 + 19^2 + 22^1 = 12 + 33 + 34 + 192 + 221
 \end{aligned}$$

$$\begin{aligned}
 492 &:= 1^2 + 2^5 + 9^2 + 17^1 + 19^2 = 12 + 25 + 92 + 171 + 192 \\
 492 &:= 1^2 + 1^7 + 5^1 + 19^0 + 22^2 = 12 + 17 + 51 + 190 + 222 \\
 492 &:= 1^2 + 1^4 + 3^3 + 21^2 + 22^1 = 12 + 14 + 33 + 212 + 221 \\
 492 &:= 1^1 + 2^8 + 9^1 + 15^2 + 21^0 = 11 + 28 + 91 + 152 + 210 \\
 492 &:= 1^1 + 2^7 + 7^3 + 19^0 + 19^1 = 11 + 27 + 73 + 190 + 191 \\
 492 &:= 1^1 + 2^6 + 11^2 + 17^1 + 17^2 = 11 + 26 + 112 + 171 + 172 \\
 492 &:= 1^1 + 2^2 + 2^6 + 20^2 + 23^1 = 11 + 22 + 26 + 202 + 231 \\
 492 &:= 1^1 + 1^8 + 5^1 + 19^0 + 22^2 = 11 + 18 + 51 + 190 + 222 \\
 492 &:= 1^1 + 1^5 + 3^3 + 21^2 + 22^1 = 11 + 15 + 33 + 212 + 221 \\
 492 &:= 1^1 + 1^2 + 2^7 + 19^2 + 25^0 = 11 + 12 + 27 + 192 + 250 \\
 492 &:= 1^0 + 2^8 + 6^3 + 18^1 + 21^0 = 10 + 28 + 63 + 181 + 210 \\
 492 &:= 1^0 + 2^8 + 3^2 + 15^2 + 27^0 = 10 + 28 + 32 + 152 + 270 \\
 492 &:= 1^0 + 2^7 + 4^2 + 18^2 + 23^1 = 10 + 27 + 42 + 182 + 231 \\
 492 &:= 1^0 + 1^9 + 5^1 + 19^0 + 22^2 = 10 + 19 + 51 + 190 + 222 \\
 492 &:= 1^0 + 1^6 + 3^3 + 21^2 + 22^1 = 10 + 16 + 33 + 212 + 221 \\
 492 &:= 1^0 + 1^3 + 2^7 + 19^2 + 25^0 = 10 + 13 + 27 + 192 + 250
 \end{aligned}$$

2.2.394 Number 493

$$\begin{aligned}
 493 &:= 8^1 + 19^0 + 22^2 = 81 + 190 + 222 \\
 493 &:= 1^0 + 7^1 + 19^0 + 22^2 = 10 + 71 + 190 + 222 \\
 493 &:= 2^0 + 7^1 + 18^0 + 22^2 = 20 + 71 + 180 + 222 \\
 493 &:= 3^0 + 7^1 + 17^0 + 22^2 = 30 + 71 + 170 + 222 \\
 493 &:= 4^0 + 7^1 + 16^0 + 22^2 = 40 + 71 + 160 + 222 \\
 493 &:= 5^0 + 7^1 + 15^0 + 22^2 = 50 + 71 + 150 + 222 \\
 493 &:= 6^0 + 7^1 + 14^0 + 22^2 = 60 + 71 + 140 + 222 \\
 493 &:= 7^0 + 7^1 + 13^0 + 22^2 = 70 + 71 + 130 + 222 \\
 493 &:= 7^1 + 10^0 + 10^0 + 22^2 = 71 + 100 + 100 + 222 \\
 493 &:= 7^1 + 8^0 + 12^0 + 22^2 = 71 + 80 + 120 + 222 \\
 493 &:= 7^1 + 9^0 + 11^0 + 22^2 = 71 + 90 + 110 + 222 \\
 493 &:= 1^0 + 1^0 + 6^1 + 19^0 + 22^2 = 10 + 10 + 61 + 190 + 222 \\
 493 &:= 1^0 + 1^9 + 7^2 + 18^0 + 21^2 = 10 + 19 + 72 + 180 + 212 \\
 493 &:= 1^0 + 2^0 + 6^1 + 18^0 + 22^2 = 10 + 20 + 61 + 180 + 222 \\
 493 &:= 1^0 + 3^0 + 6^1 + 17^0 + 22^2 = 10 + 30 + 61 + 170 + 222 \\
 493 &:= 1^0 + 4^0 + 6^1 + 16^0 + 22^2 = 10 + 40 + 61 + 160 + 222 \\
 493 &:= 1^0 + 5^0 + 6^1 + 15^0 + 22^2 = 10 + 50 + 61 + 150 + 222 \\
 493 &:= 1^0 + 6^0 + 6^1 + 14^0 + 22^2 = 10 + 60 + 61 + 140 + 222
 \end{aligned}$$

$$\begin{aligned}
 493 &:= 1^0 + 6^1 + 10^0 + 10^0 + 22^2 = 10 + 61 + 100 + 100 + 222 \\
 493 &:= 1^0 + 6^1 + 7^0 + 13^0 + 22^2 = 10 + 61 + 70 + 130 + 222 \\
 493 &:= 1^0 + 6^1 + 8^0 + 12^0 + 22^2 = 10 + 61 + 80 + 120 + 222 \\
 493 &:= 1^0 + 6^1 + 9^0 + 11^0 + 22^2 = 10 + 61 + 90 + 110 + 222 \\
 493 &:= 1^1 + 1^8 + 7^2 + 18^0 + 21^2 = 11 + 18 + 72 + 180 + 212 \\
 493 &:= 1^1 + 1^9 + 6^1 + 18^0 + 22^2 = 11 + 19 + 61 + 180 + 222 \\
 493 &:= 1^1 + 2^8 + 6^3 + 19^1 + 20^0 = 11 + 28 + 63 + 191 + 200 \\
 493 &:= 1^2 + 1^7 + 7^2 + 18^0 + 21^2 = 12 + 17 + 72 + 180 + 212 \\
 493 &:= 1^2 + 1^8 + 6^1 + 18^0 + 22^2 = 12 + 18 + 61 + 180 + 222 \\
 493 &:= 1^2 + 2^6 + 3^3 + 20^2 + 22^0 = 12 + 26 + 33 + 202 + 220 \\
 493 &:= 1^2 + 2^7 + 7^3 + 18^0 + 20^1 = 12 + 27 + 73 + 180 + 201 \\
 493 &:= 1^2 + 2^8 + 10^1 + 15^2 + 20^0 = 12 + 28 + 101 + 152 + 200 \\
 493 &:= 1^3 + 1^6 + 7^2 + 18^0 + 21^2 = 13 + 16 + 72 + 180 + 212 \\
 493 &:= 1^3 + 1^7 + 6^1 + 18^0 + 22^2 = 13 + 17 + 61 + 180 + 222 \\
 493 &:= 1^3 + 2^1 + 2^7 + 19^2 + 24^0 = 13 + 21 + 27 + 192 + 240 \\
 493 &:= 1^4 + 1^5 + 7^2 + 18^0 + 21^2 = 14 + 15 + 72 + 180 + 212 \\
 493 &:= 1^4 + 1^6 + 6^1 + 18^0 + 22^2 = 14 + 16 + 61 + 180 + 222 \\
 493 &:= 1^5 + 1^5 + 6^1 + 18^0 + 22^2 = 15 + 15 + 61 + 180 + 222
 \end{aligned}$$

$$\begin{aligned}
 493 &:= 1^5 + 2^5 + 6^0 + 18^1 + 21^2 = 15 + 25 + 60 + 181 + 212 & 493 &:= 2^0 + 2^0 + 6^1 + 17^0 + 22^2 = 20 + 20 + 61 + 170 + 222 \\
 493 &:= 1^5 + 3^3 + 4^3 + 20^0 + 20^2 = 15 + 33 + 43 + 200 + 202 & 493 &:= 2^0 + 2^6 + 3^4 + 18^2 + 23^1 = 20 + 26 + 34 + 182 + 231 \\
 493 &:= 1^5 + 3^3 + 7^3 + 11^2 + 26^0 = 15 + 33 + 73 + 112 + 260 & 493 &:= 2^0 + 2^7 + 6^3 + 11^2 + 27^1 = 20 + 27 + 63 + 112 + 271 \\
 493 &:= 1^5 + 3^4 + 11^2 + 16^0 + 17^2 = 15 + 34 + 112 + 160 + 172 & 493 &:= 2^0 + 3^0 + 6^1 + 16^0 + 22^2 = 20 + 30 + 61 + 160 + 222 \\
 493 &:= 1^5 + 3^4 + 7^2 + 18^0 + 19^2 = 15 + 34 + 72 + 180 + 192 & 493 &:= 2^0 + 4^0 + 6^1 + 15^0 + 22^2 = 20 + 40 + 61 + 150 + 222 \\
 493 &:= 1^5 + 3^5 + 6^0 + 15^2 + 23^1 = 15 + 35 + 60 + 152 + 231 & 493 &:= 2^0 + 5^0 + 6^1 + 14^0 + 22^2 = 20 + 50 + 61 + 140 + 222 \\
 493 &:= 1^5 + 4^4 + 6^3 + 18^0 + 19^1 = 15 + 44 + 63 + 180 + 191 & 493 &:= 2^0 + 6^0 + 6^1 + 13^0 + 22^2 = 20 + 60 + 61 + 130 + 222 \\
 493 &:= 1^6 + 2^2 + 7^3 + 12^2 + 26^0 = 16 + 22 + 73 + 122 + 260 & 493 &:= 2^0 + 6^1 + 7^0 + 12^0 + 22^2 = 20 + 61 + 70 + 120 + 222 \\
 493 &:= 1^6 + 3^3 + 8^2 + 16^0 + 20^2 = 16 + 33 + 82 + 160 + 202 & 493 &:= 2^0 + 6^1 + 8^0 + 11^0 + 22^2 = 20 + 61 + 80 + 110 + 222 \\
 493 &:= 1^6 + 3^4 + 10^1 + 14^0 + 20^2 = 16 + 34 + 101 + 140 + 202 & 493 &:= 2^0 + 6^1 + 9^0 + 10^0 + 22^2 = 20 + 61 + 90 + 100 + 222 \\
 493 &:= 1^6 + 4^4 + 10^1 + 15^2 + 18^0 = 16 + 44 + 101 + 152 + 180 & 493 &:= 2^1 + 2^8 + 3^2 + 15^2 + 26^0 = 21 + 28 + 32 + 152 + 260 \\
 493 &:= 1^6 + 5^3 + 7^3 + 12^0 + 23^1 = 16 + 53 + 73 + 120 + 231 & 493 &:= 2^1 + 2^8 + 6^3 + 18^1 + 20^0 = 21 + 28 + 63 + 181 + 200 \\
 493 &:= 1^7 + 2^0 + 7^3 + 11^2 + 27^1 = 17 + 20 + 73 + 112 + 271 & 493 &:= 2^2 + 2^7 + 6^2 + 18^2 + 20^0 = 22 + 27 + 62 + 182 + 200 \\
 493 &:= 1^7 + 3^2 + 11^2 + 14^0 + 19^2 = 17 + 32 + 112 + 140 + 192 & 493 &:= 2^2 + 2^7 + 7^3 + 17^1 + 20^0 = 22 + 27 + 73 + 171 + 200 \\
 493 &:= 1^7 + 4^1 + 7^3 + 12^2 + 24^0 = 17 + 41 + 73 + 122 + 240 & 493 &:= 2^2 + 2^8 + 7^1 + 15^2 + 22^0 = 22 + 28 + 71 + 152 + 220 \\
 493 &:= 1^7 + 5^1 + 5^3 + 18^0 + 19^2 = 17 + 51 + 53 + 180 + 192 & 493 &:= 2^4 + 2^6 + 12^0 + 12^1 + 20^2 = 24 + 26 + 120 + 121 + 202 \\
 493 &:= 1^7 + 5^2 + 5^2 + 16^0 + 21^2 = 17 + 52 + 52 + 160 + 212 & 493 &:= 2^4 + 3^5 + 6^3 + 17^1 + 20^0 = 24 + 35 + 63 + 171 + 200 \\
 493 &:= 1^7 + 6^0 + 6^3 + 16^2 + 19^1 = 17 + 60 + 63 + 162 + 191 & 493 &:= 2^4 + 3^5 + 8^2 + 13^2 + 22^0 = 24 + 35 + 82 + 132 + 220 \\
 493 &:= 1^7 + 7^2 + 9^2 + 12^0 + 19^2 = 17 + 72 + 92 + 120 + 192 & 493 &:= 2^5 + 3^5 + 6^3 + 10^0 + 27^0 = 25 + 35 + 63 + 100 + 270 \\
 493 &:= 1^7 + 9^2 + 10^0 + 11^2 + 17^2 = 17 + 92 + 100 + 112 + 172 & 493 &:= 2^5 + 3^5 + 6^3 + 11^0 + 26^0 = 25 + 35 + 63 + 110 + 260 \\
 493 &:= 1^8 + 1^9 + 7^3 + 11^2 + 27^1 = 18 + 19 + 73 + 112 + 271 & 493 &:= 2^5 + 3^5 + 6^3 + 12^0 + 25^0 = 25 + 35 + 63 + 120 + 250 \\
 493 &:= 1^8 + 2^2 + 3^1 + 20^0 + 22^2 = 18 + 22 + 31 + 200 + 222 & 493 &:= 2^5 + 3^5 + 6^3 + 13^0 + 24^0 = 25 + 35 + 63 + 130 + 240 \\
 493 &:= 1^8 + 6^0 + 10^1 + 15^2 + 16^2 = 18 + 60 + 101 + 152 + 162 & 493 &:= 2^5 + 3^5 + 6^3 + 14^0 + 23^0 = 25 + 35 + 63 + 140 + 230 \\
 493 &:= 1^8 + 6^0 + 6^2 + 14^1 + 21^2 = 18 + 60 + 62 + 141 + 212 & 493 &:= 2^5 + 3^5 + 6^3 + 15^0 + 22^0 = 25 + 35 + 63 + 150 + 220 \\
 493 &:= 1^8 + 6^1 + 10^0 + 14^2 + 17^2 = 18 + 61 + 100 + 142 + 172 & 493 &:= 2^5 + 3^5 + 6^3 + 16^0 + 21^0 = 25 + 35 + 63 + 160 + 210 \\
 493 &:= 1^8 + 8^0 + 9^1 + 11^2 + 19^2 = 18 + 80 + 91 + 112 + 192 & 493 &:= 2^5 + 3^5 + 6^3 + 17^0 + 20^0 = 25 + 35 + 63 + 170 + 200 \\
 493 &:= 1^8 + 8^0 + 9^2 + 10^1 + 20^2 = 18 + 80 + 92 + 101 + 202 & 493 &:= 2^5 + 3^5 + 6^3 + 18^0 + 19^0 = 25 + 35 + 63 + 180 + 190 \\
 493 &:= 1^9 + 2^0 + 7^2 + 17^0 + 21^2 = 19 + 20 + 72 + 170 + 212 & 493 &:= 2^5 + 3^5 + 8^0 + 14^2 + 21^1 = 25 + 35 + 80 + 142 + 211 \\
 493 &:= 1^9 + 2^1 + 5^1 + 18^0 + 22^2 = 19 + 21 + 51 + 180 + 222 & 493 &:= 2^6 + 3^1 + 4^4 + 13^2 + 26^0 = 26 + 31 + 44 + 132 + 260 \\
 493 &:= 1^9 + 2^4 + 2^7 + 18^2 + 24^1 = 19 + 24 + 27 + 182 + 241 & 493 &:= 2^6 + 4^2 + 6^3 + 14^2 + 22^0 = 26 + 42 + 63 + 142 + 220 \\
 493 &:= 1^9 + 3^0 + 7^2 + 16^0 + 21^2 = 19 + 30 + 72 + 160 + 212 & 493 &:= 2^6 + 4^3 + 7^3 + 14^0 + 21^1 = 26 + 43 + 73 + 140 + 211 \\
 493 &:= 1^9 + 3^1 + 4^1 + 18^0 + 22^2 = 19 + 31 + 41 + 180 + 222 & 493 &:= 2^6 + 6^2 + 7^2 + 7^3 + 26^0 = 26 + 62 + 72 + 73 + 260 \\
 493 &:= 1^9 + 4^0 + 7^2 + 15^0 + 21^2 = 19 + 40 + 72 + 150 + 212 & 493 &:= 2^7 + 3^2 + 7^3 + 12^1 + 24^0 = 27 + 32 + 73 + 121 + 240 \\
 493 &:= 1^9 + 5^0 + 7^2 + 14^0 + 21^2 = 19 + 50 + 72 + 140 + 212 & 493 &:= 2^7 + 3^3 + 12^0 + 13^1 + 18^2 = 27 + 33 + 120 + 131 + 182 \\
 493 &:= 1^9 + 6^0 + 7^2 + 13^0 + 21^2 = 19 + 60 + 72 + 130 + 212 & 493 &:= 2^7 + 4^1 + 6^3 + 12^2 + 24^0 = 27 + 41 + 63 + 122 + 240 \\
 493 &:= 1^9 + 7^0 + 7^2 + 12^0 + 21^2 = 19 + 70 + 72 + 120 + 212 & 493 &:= 2^7 + 4^3 + 11^1 + 14^0 + 17^2 = 27 + 43 + 111 + 140 + 172 \\
 493 &:= 1^9 + 7^2 + 8^0 + 11^0 + 21^2 = 19 + 72 + 80 + 110 + 212 & 493 &:= 2^7 + 5^3 + 12^0 + 14^1 + 15^2 = 27 + 53 + 120 + 141 + 152 \\
 493 &:= 1^9 + 7^2 + 9^0 + 10^0 + 21^2 = 19 + 72 + 90 + 100 + 212 & 493 &:= 2^8 + 10^0 + 10^2 + 11^2 + 15^1 = 28 + 100 + 102 + 112 + 151
 \end{aligned}$$

$$\begin{aligned}
 493 &:= 2^8 + 3^1 + 6^3 + 17^1 + 20^0 = 28 + 31 + 63 + 171 + 200 \\
 493 &:= 2^8 + 3^1 + 8^2 + 13^2 + 22^0 = 28 + 31 + 82 + 132 + 220 \\
 493 &:= 2^8 + 4^0 + 4^2 + 14^2 + 24^1 = 28 + 40 + 42 + 142 + 241 \\
 493 &:= 2^8 + 4^1 + 6^2 + 14^2 + 22^0 = 28 + 41 + 62 + 142 + 220 \\
 493 &:= 2^8 + 4^1 + 6^3 + 16^1 + 20^0 = 28 + 41 + 63 + 161 + 200 \\
 493 &:= 2^8 + 5^1 + 6^3 + 15^1 + 20^0 = 28 + 51 + 63 + 151 + 200 \\
 493 &:= 2^8 + 5^2 + 12^0 + 14^2 + 15^1 = 28 + 52 + 120 + 142 + 151 \\
 493 &:= 2^8 + 6^1 + 6^3 + 14^1 + 20^0 = 28 + 61 + 63 + 141 + 200 \\
 493 &:= 2^8 + 6^3 + 10^1 + 10^1 + 20^0 = 28 + 63 + 101 + 101 + 200 \\
 493 &:= 2^8 + 6^3 + 7^1 + 13^1 + 20^0 = 28 + 63 + 71 + 131 + 200 \\
 493 &:= 2^8 + 6^3 + 8^1 + 12^1 + 20^0 = 28 + 63 + 81 + 121 + 200 \\
 493 &:= 2^8 + 6^3 + 9^1 + 11^1 + 20^0 = 28 + 63 + 91 + 111 + 200 \\
 493 &:= 2^8 + 7^2 + 8^0 + 13^2 + 18^1 = 28 + 72 + 80 + 132 + 181 \\
 493 &:= 2^8 + 9^2 + 11^1 + 12^2 + 14^0 = 28 + 92 + 111 + 122 + 140 \\
 493 &:= 3^0 + 3^0 + 6^1 + 15^0 + 22^2 = 30 + 30 + 61 + 150 + 222 \\
 493 &:= 3^0 + 4^0 + 6^1 + 14^0 + 22^2 = 30 + 40 + 61 + 140 + 222 \\
 493 &:= 3^0 + 5^0 + 6^1 + 13^0 + 22^2 = 30 + 50 + 61 + 130 + 222 \\
 493 &:= 3^0 + 6^0 + 6^1 + 12^0 + 22^2 = 30 + 60 + 61 + 120 + 222
 \end{aligned}$$

$$\begin{aligned}
 493 &:= 3^0 + 6^1 + 7^0 + 11^0 + 22^2 = 30 + 61 + 70 + 110 + 222 \\
 493 &:= 3^0 + 6^1 + 8^0 + 10^0 + 22^2 = 30 + 61 + 80 + 100 + 222 \\
 493 &:= 3^0 + 6^1 + 9^0 + 9^0 + 22^2 = 30 + 61 + 90 + 90 + 222 \\
 493 &:= 3^5 + 4^3 + 4^3 + 11^2 + 26^0 = 35 + 43 + 43 + 112 + 260 \\
 493 &:= 4^0 + 4^0 + 6^1 + 13^0 + 22^2 = 40 + 40 + 61 + 130 + 222 \\
 493 &:= 4^0 + 5^0 + 6^1 + 12^0 + 22^2 = 40 + 50 + 61 + 120 + 222 \\
 493 &:= 4^0 + 6^0 + 6^1 + 11^0 + 22^2 = 40 + 60 + 61 + 110 + 222 \\
 493 &:= 4^0 + 6^1 + 7^0 + 10^0 + 22^2 = 40 + 61 + 70 + 100 + 222 \\
 493 &:= 4^0 + 6^1 + 8^0 + 9^0 + 22^2 = 40 + 61 + 80 + 90 + 222 \\
 493 &:= 5^0 + 5^0 + 6^1 + 11^0 + 22^2 = 50 + 50 + 61 + 110 + 222 \\
 493 &:= 5^0 + 6^0 + 6^1 + 10^0 + 22^2 = 50 + 60 + 61 + 100 + 222 \\
 493 &:= 5^0 + 6^1 + 7^0 + 9^0 + 22^2 = 50 + 61 + 70 + 90 + 222 \\
 493 &:= 5^0 + 6^1 + 8^0 + 8^0 + 22^2 = 50 + 61 + 80 + 80 + 222 \\
 493 &:= 6^0 + 6^0 + 6^1 + 9^0 + 22^2 = 60 + 60 + 61 + 90 + 222 \\
 493 &:= 6^0 + 6^1 + 7^0 + 8^0 + 22^2 = 60 + 61 + 70 + 80 + 222 \\
 493 &:= 6^1 + 7^0 + 7^0 + 7^0 + 22^2 = 61 + 70 + 70 + 70 + 222
 \end{aligned}$$

2.2.395 Number 494

$$\begin{aligned}
 494 &:= 13^2 + 18^0 + 18^2 = 132 + 180 + 182 \\
 494 &:= 3^2 + 22^2 + 24^0 = 32 + 222 + 240 \\
 494 &:= 1^1 + 8^1 + 18^0 + 22^2 = 11 + 81 + 180 + 222 \\
 494 &:= 1^8 + 7^3 + 11^2 + 29^1 = 18 + 73 + 112 + 291 \\
 494 &:= 1^9 + 2^3 + 22^2 + 23^0 = 19 + 23 + 222 + 230 \\
 494 &:= 2^1 + 7^1 + 18^0 + 22^2 = 21 + 71 + 180 + 222 \\
 494 &:= 2^4 + 2^7 + 18^2 + 26^1 = 24 + 27 + 182 + 261 \\
 494 &:= 2^8 + 4^3 + 12^2 + 30^1 = 28 + 43 + 122 + 301 \\
 494 &:= 2^8 + 5^3 + 9^2 + 32^1 = 28 + 53 + 92 + 321 \\
 494 &:= 3^1 + 6^1 + 18^0 + 22^2 = 31 + 61 + 180 + 222 \\
 494 &:= 4^1 + 5^1 + 18^0 + 22^2 = 41 + 51 + 180 + 222 \\
 494 &:= 1^0 + 1^1 + 7^1 + 18^0 + 22^2 = 10 + 11 + 71 + 180 + 222 \\
 494 &:= 1^0 + 2^1 + 6^1 + 18^0 + 22^2 = 10 + 21 + 61 + 180 + 222 \\
 494 &:= 1^0 + 2^4 + 2^7 + 18^2 + 25^1 = 10 + 24 + 27 + 182 + 251 \\
 494 &:= 1^0 + 3^1 + 5^1 + 18^0 + 22^2 = 10 + 31 + 51 + 180 + 222 \\
 494 &:= 1^0 + 4^1 + 4^1 + 18^0 + 22^2 = 10 + 41 + 41 + 180 + 222 \\
 494 &:= 1^1 + 2^0 + 7^1 + 17^0 + 22^2 = 11 + 20 + 71 + 170 + 222 \\
 494 &:= 1^1 + 2^6 + 3^4 + 18^2 + 24^1 = 11 + 26 + 34 + 182 + 241
 \end{aligned}$$

$$\begin{aligned}
 494 &:= 1^1 + 3^0 + 7^1 + 16^0 + 22^2 = 11 + 30 + 71 + 160 + 222 \\
 494 &:= 1^1 + 4^0 + 7^1 + 15^0 + 22^2 = 11 + 40 + 71 + 150 + 222 \\
 494 &:= 1^1 + 5^0 + 7^1 + 14^0 + 22^2 = 11 + 50 + 71 + 140 + 222 \\
 494 &:= 1^1 + 6^0 + 7^1 + 13^0 + 22^2 = 11 + 60 + 71 + 130 + 222 \\
 494 &:= 1^1 + 7^0 + 7^1 + 12^0 + 22^2 = 11 + 70 + 71 + 120 + 222 \\
 494 &:= 1^1 + 7^1 + 8^0 + 11^0 + 22^2 = 11 + 71 + 80 + 110 + 222 \\
 494 &:= 1^1 + 7^1 + 9^0 + 10^0 + 22^2 = 11 + 71 + 90 + 100 + 222 \\
 494 &:= 1^2 + 1^9 + 7^1 + 17^0 + 22^2 = 12 + 19 + 71 + 170 + 222 \\
 494 &:= 1^2 + 2^7 + 11^2 + 15^2 + 19^1 = 12 + 27 + 112 + 152 + 191 \\
 494 &:= 1^2 + 2^8 + 6^3 + 19^0 + 20^1 = 12 + 28 + 63 + 190 + 201 \\
 494 &:= 1^3 + 1^8 + 7^1 + 17^0 + 22^2 = 13 + 18 + 71 + 170 + 222 \\
 494 &:= 1^3 + 2^6 + 7^2 + 19^1 + 19^2 = 13 + 26 + 72 + 191 + 192 \\
 494 &:= 1^3 + 2^7 + 7^3 + 17^0 + 21^1 = 13 + 27 + 73 + 170 + 211 \\
 494 &:= 1^3 + 2^8 + 11^1 + 15^2 + 19^0 = 13 + 28 + 111 + 152 + 190 \\
 494 &:= 1^3 + 3^3 + 3^5 + 14^2 + 27^1 = 13 + 33 + 35 + 142 + 271 \\
 494 &:= 1^4 + 1^7 + 7^1 + 17^0 + 22^2 = 14 + 17 + 71 + 170 + 222 \\
 494 &:= 1^4 + 2^5 + 11^2 + 16^1 + 18^2 = 14 + 25 + 112 + 161 + 182 \\
 494 &:= 1^4 + 2^7 + 3^1 + 19^2 + 23^0 = 14 + 27 + 31 + 192 + 230
 \end{aligned}$$

$$\begin{aligned} 494 &:= 1^5 + 1^6 + 7^1 + 17^0 + 22^2 = 15 + 16 + 71 + 170 + 222 \\ 494 &:= 1^5 + 2^3 + 4^3 + 20^2 + 21^1 = 15 + 23 + 43 + 202 + 211 \\ 494 &:= 1^5 + 2^4 + 10^2 + 16^1 + 19^2 = 15 + 24 + 102 + 161 + 192 \\ 494 &:= 1^5 + 2^4 + 4^2 + 20^1 + 21^2 = 15 + 24 + 42 + 201 + 212 \\ 494 &:= 1^5 + 4^2 + 4^4 + 14^2 + 25^1 = 15 + 42 + 44 + 142 + 251 \\ 494 &:= 1^6 + 2^2 + 3^3 + 21^1 + 21^2 = 16 + 22 + 33 + 211 + 212 \\ 494 &:= 1^6 + 2^3 + 5^2 + 19^1 + 21^2 = 16 + 23 + 52 + 191 + 212 \\ 494 &:= 1^6 + 2^5 + 5^0 + 19^1 + 21^2 = 16 + 25 + 50 + 191 + 212 \\ 494 &:= 1^6 + 3^2 + 4^3 + 20^1 + 20^2 = 16 + 32 + 43 + 201 + 202 \\ 494 &:= 1^6 + 3^3 + 14^1 + 14^2 + 16^2 = 16 + 33 + 141 + 142 + 162 \\ 494 &:= 1^6 + 3^3 + 7^2 + 17^1 + 20^2 = 16 + 33 + 72 + 171 + 202 \\ 494 &:= 1^6 + 3^5 + 5^0 + 15^2 + 24^1 = 16 + 35 + 50 + 152 + 241 \\ 494 &:= 1^6 + 4^4 + 6^3 + 17^0 + 20^1 = 16 + 44 + 63 + 170 + 201 \\ 494 &:= 1^6 + 5^2 + 5^3 + 18^2 + 19^1 = 16 + 52 + 53 + 182 + 191 \\ 494 &:= 1^6 + 5^2 + 7^3 + 10^2 + 25^1 = 16 + 52 + 73 + 102 + 251 \\ 494 &:= 1^7 + 2^1 + 7^3 + 11^2 + 27^1 = 17 + 21 + 73 + 112 + 271 \\ 494 &:= 1^7 + 3^1 + 7^3 + 11^2 + 26^1 = 17 + 31 + 73 + 112 + 261 \\ 494 &:= 1^7 + 3^2 + 5^2 + 18^1 + 21^2 = 17 + 32 + 52 + 181 + 212 \\ 494 &:= 1^7 + 3^4 + 11^1 + 13^0 + 20^2 = 17 + 34 + 111 + 130 + 202 \\ 494 &:= 1^7 + 4^1 + 7^3 + 11^2 + 25^1 = 17 + 41 + 73 + 112 + 251 \\ 494 &:= 1^7 + 4^4 + 11^1 + 15^2 + 17^0 = 17 + 44 + 111 + 152 + 170 \\ 494 &:= 1^7 + 5^1 + 7^3 + 11^2 + 24^1 = 17 + 51 + 73 + 112 + 241 \\ 494 &:= 1^7 + 5^3 + 7^3 + 11^0 + 24^1 = 17 + 53 + 73 + 110 + 241 \\ 494 &:= 1^7 + 6^1 + 7^3 + 11^2 + 23^1 = 17 + 61 + 73 + 112 + 231 \\ 494 &:= 1^7 + 6^2 + 11^2 + 12^1 + 18^2 = 17 + 62 + 112 + 121 + 182 \\ 494 &:= 1^7 + 7^1 + 7^3 + 11^2 + 22^1 = 17 + 71 + 73 + 112 + 221 \\ 494 &:= 1^7 + 7^2 + 11^1 + 12^2 + 17^2 = 17 + 72 + 111 + 122 + 172 \\ 494 &:= 1^7 + 7^2 + 7^3 + 10^2 + 23^0 = 17 + 72 + 73 + 102 + 230 \\ 494 &:= 1^7 + 7^3 + 10^1 + 11^2 + 19^1 = 17 + 73 + 101 + 112 + 191 \\ 494 &:= 1^7 + 7^3 + 11^1 + 11^2 + 18^1 = 17 + 73 + 111 + 112 + 181 \\ 494 &:= 1^7 + 7^3 + 11^2 + 12^1 + 17^1 = 17 + 73 + 112 + 121 + 171 \\ 494 &:= 1^7 + 7^3 + 11^2 + 13^1 + 16^1 = 17 + 73 + 112 + 131 + 161 \\ 494 &:= 1^7 + 7^3 + 11^2 + 14^1 + 15^1 = 17 + 73 + 112 + 141 + 151 \\ 494 &:= 1^7 + 7^3 + 8^1 + 11^2 + 21^1 = 17 + 73 + 81 + 112 + 211 \\ 494 &:= 1^7 + 7^3 + 9^1 + 11^2 + 20^1 = 17 + 73 + 91 + 112 + 201 \\ 494 &:= 1^7 + 9^1 + 12^2 + 12^2 + 14^2 = 17 + 91 + 122 + 122 + 142 \\ 494 &:= 1^8 + 2^2 + 2^2 + 21^0 + 22^2 = 18 + 22 + 22 + 210 + 222 \\ 494 &:= 1^8 + 5^0 + 6^3 + 16^2 + 20^1 = 18 + 50 + 63 + 162 + 201 \end{aligned}$$

$$\begin{aligned} 494 &:= 1^8 + 5^1 + 7^3 + 12^2 + 23^0 = 18 + 51 + 73 + 122 + 230 \\ 494 &:= 1^8 + 5^3 + 6^1 + 17^0 + 19^2 = 18 + 53 + 61 + 170 + 192 \\ 494 &:= 1^8 + 9^0 + 10^2 + 14^2 + 14^2 = 18 + 90 + 102 + 142 + 142 \\ 494 &:= 1^9 + 2^1 + 7^2 + 17^0 + 21^2 = 19 + 21 + 72 + 170 + 212 \\ 494 &:= 1^9 + 2^2 + 4^1 + 19^0 + 22^2 = 19 + 22 + 41 + 190 + 222 \\ 494 &:= 1^9 + 5^0 + 11^1 + 15^2 + 16^2 = 19 + 50 + 111 + 152 + 162 \\ 494 &:= 1^9 + 5^0 + 6^2 + 15^1 + 21^2 = 19 + 50 + 62 + 151 + 212 \\ 494 &:= 1^9 + 7^0 + 10^1 + 11^2 + 19^2 = 19 + 70 + 101 + 112 + 192 \\ 494 &:= 1^9 + 7^0 + 9^2 + 11^1 + 20^2 = 19 + 70 + 92 + 111 + 202 \\ 494 &:= 1^9 + 7^1 + 9^0 + 14^2 + 17^2 = 19 + 71 + 90 + 142 + 172 \\ 494 &:= 2^0 + 2^1 + 6^1 + 17^0 + 22^2 = 20 + 21 + 61 + 170 + 222 \\ 494 &:= 2^0 + 3^1 + 5^1 + 17^0 + 22^2 = 20 + 31 + 51 + 170 + 222 \\ 494 &:= 2^0 + 4^1 + 4^1 + 17^0 + 22^2 = 20 + 41 + 41 + 170 + 222 \\ 494 &:= 2^1 + 2^6 + 3^4 + 18^2 + 23^1 = 21 + 26 + 34 + 182 + 231 \\ 494 &:= 2^1 + 2^7 + 6^3 + 11^2 + 27^1 = 21 + 27 + 63 + 112 + 271 \\ 494 &:= 2^1 + 3^0 + 6^1 + 16^0 + 22^2 = 21 + 30 + 61 + 160 + 222 \\ 494 &:= 2^1 + 4^0 + 6^1 + 15^0 + 22^2 = 21 + 40 + 61 + 150 + 222 \\ 494 &:= 2^1 + 5^0 + 6^1 + 14^0 + 22^2 = 21 + 50 + 61 + 140 + 222 \\ 494 &:= 2^1 + 6^0 + 6^1 + 13^0 + 22^2 = 21 + 60 + 61 + 130 + 222 \\ 494 &:= 2^1 + 6^1 + 7^0 + 12^0 + 22^2 = 21 + 61 + 70 + 120 + 222 \\ 494 &:= 2^1 + 6^1 + 8^0 + 11^0 + 22^2 = 21 + 61 + 80 + 110 + 222 \\ 494 &:= 2^1 + 6^1 + 9^0 + 10^0 + 22^2 = 21 + 61 + 90 + 100 + 222 \\ 494 &:= 2^2 + 2^6 + 4^4 + 13^2 + 27^0 = 22 + 26 + 44 + 132 + 270 \\ 494 &:= 2^2 + 2^7 + 4^2 + 18^2 + 22^1 = 22 + 27 + 42 + 182 + 221 \\ 494 &:= 2^2 + 2^8 + 6^3 + 17^1 + 21^0 = 22 + 28 + 63 + 171 + 210 \\ 494 &:= 2^2 + 2^8 + 8^2 + 13^2 + 23^0 = 22 + 28 + 82 + 132 + 230 \\ 494 &:= 2^3 + 2^6 + 9^2 + 17^1 + 18^2 = 23 + 26 + 92 + 171 + 182 \\ 494 &:= 2^3 + 2^7 + 7^3 + 14^1 + 23^0 = 23 + 27 + 73 + 141 + 230 \\ 494 &:= 2^3 + 2^8 + 4^1 + 15^2 + 25^0 = 23 + 28 + 41 + 152 + 250 \\ 494 &:= 2^4 + 3^3 + 4^4 + 13^2 + 26^1 = 24 + 33 + 44 + 132 + 261 \\ 494 &:= 2^5 + 3^3 + 5^3 + 17^2 + 21^1 = 25 + 33 + 53 + 172 + 211 \\ 494 &:= 2^5 + 3^3 + 6^3 + 14^2 + 23^1 = 25 + 33 + 63 + 142 + 231 \\ 494 &:= 2^5 + 3^4 + 13^2 + 14^2 + 16^1 = 25 + 34 + 132 + 142 + 161 \\ 494 &:= 2^5 + 3^5 + 7^2 + 13^2 + 23^0 = 25 + 35 + 72 + 132 + 230 \\ 494 &:= 2^6 + 3^1 + 3^4 + 18^2 + 22^1 = 26 + 31 + 34 + 182 + 221 \\ 494 &:= 2^6 + 3^1 + 4^4 + 12^2 + 27^1 = 26 + 31 + 44 + 122 + 271 \\ 494 &:= 2^6 + 3^4 + 10^1 + 15^1 + 18^2 = 26 + 34 + 101 + 151 + 182 \\ 494 &:= 2^6 + 3^4 + 11^1 + 14^1 + 18^2 = 26 + 34 + 111 + 141 + 182 \end{aligned}$$

$$\begin{aligned} 494 &:= 2^6 + 3^4 + 12^1 + 13^1 + 18^2 = 26 + 34 + 121 + 131 + 182 \\ 494 &:= 2^6 + 3^4 + 4^1 + 18^2 + 21^1 = 26 + 34 + 41 + 182 + 211 \\ 494 &:= 2^6 + 3^4 + 5^1 + 18^2 + 20^1 = 26 + 34 + 51 + 182 + 201 \\ 494 &:= 2^6 + 3^4 + 6^1 + 18^2 + 19^1 = 26 + 34 + 61 + 182 + 191 \\ 494 &:= 2^6 + 3^4 + 7^1 + 18^1 + 18^2 = 26 + 34 + 71 + 181 + 182 \\ 494 &:= 2^6 + 3^4 + 8^1 + 17^1 + 18^2 = 26 + 34 + 81 + 171 + 182 \\ 494 &:= 2^6 + 3^4 + 9^1 + 16^1 + 18^2 = 26 + 34 + 91 + 161 + 182 \\ 494 &:= 2^6 + 3^5 + 13^0 + 13^2 + 17^1 = 26 + 35 + 130 + 132 + 171 \\ 494 &:= 2^6 + 4^1 + 4^4 + 12^2 + 26^1 = 26 + 41 + 44 + 122 + 261 \\ 494 &:= 2^6 + 4^4 + 10^1 + 12^2 + 20^1 = 26 + 44 + 101 + 122 + 201 \\ 494 &:= 2^6 + 4^4 + 11^1 + 12^2 + 19^1 = 26 + 44 + 111 + 122 + 191 \\ 494 &:= 2^6 + 4^4 + 12^1 + 12^2 + 18^1 = 26 + 44 + 121 + 122 + 181 \\ 494 &:= 2^6 + 4^4 + 12^2 + 13^1 + 17^1 = 26 + 44 + 122 + 131 + 171 \\ 494 &:= 2^6 + 4^4 + 12^2 + 14^1 + 16^1 = 26 + 44 + 122 + 141 + 161 \\ 494 &:= 2^6 + 4^4 + 12^2 + 15^1 + 15^1 = 26 + 44 + 122 + 151 + 151 \\ 494 &:= 2^6 + 4^4 + 5^1 + 12^2 + 25^1 = 26 + 44 + 51 + 122 + 251 \\ 494 &:= 2^6 + 4^4 + 6^1 + 12^2 + 24^1 = 26 + 44 + 61 + 122 + 241 \\ 494 &:= 2^6 + 4^4 + 7^1 + 12^2 + 23^1 = 26 + 44 + 71 + 122 + 231 \\ 494 &:= 2^6 + 4^4 + 8^1 + 12^2 + 22^1 = 26 + 44 + 81 + 122 + 221 \\ 494 &:= 2^6 + 4^4 + 9^1 + 12^2 + 21^1 = 26 + 44 + 91 + 122 + 211 \\ 494 &:= 2^6 + 5^3 + 12^2 + 12^2 + 17^1 = 26 + 53 + 122 + 122 + 171 \\ 494 &:= 2^6 + 6^3 + 7^2 + 12^2 + 21^1 = 26 + 63 + 72 + 122 + 211 \\ 494 &:= 2^7 + 3^1 + 6^3 + 11^2 + 26^1 = 27 + 31 + 63 + 112 + 261 \\ 494 &:= 2^7 + 3^2 + 12^2 + 14^2 + 17^1 = 27 + 32 + 122 + 142 + 171 \\ 494 &:= 2^7 + 3^2 + 7^2 + 17^2 + 19^1 = 27 + 32 + 72 + 172 + 191 \\ 494 &:= 2^7 + 3^3 + 13^2 + 13^2 + 17^0 = 27 + 33 + 132 + 132 + 170 \\ 494 &:= 2^7 + 3^3 + 7^2 + 17^2 + 19^0 = 27 + 33 + 72 + 172 + 190 \\ 494 &:= 2^7 + 3^5 + 10^0 + 11^2 + 22^0 = 27 + 35 + 100 + 112 + 220 \\ 494 &:= 2^7 + 3^5 + 11^0 + 11^2 + 21^0 = 27 + 35 + 110 + 112 + 210 \\ 494 &:= 2^7 + 3^5 + 11^2 + 12^0 + 20^0 = 27 + 35 + 112 + 120 + 200 \\ 494 &:= 2^7 + 3^5 + 11^2 + 13^0 + 19^0 = 27 + 35 + 112 + 130 + 190 \\ 494 &:= 2^7 + 3^5 + 11^2 + 14^0 + 18^0 = 27 + 35 + 112 + 140 + 180 \\ 494 &:= 2^7 + 3^5 + 11^2 + 15^0 + 17^0 = 27 + 35 + 112 + 150 + 170 \\ 494 &:= 2^7 + 3^5 + 11^2 + 16^0 + 16^0 = 27 + 35 + 112 + 160 + 160 \\ 494 &:= 2^7 + 3^5 + 5^0 + 11^2 + 27^0 = 27 + 35 + 50 + 112 + 270 \\ 494 &:= 2^7 + 3^5 + 6^0 + 11^2 + 26^0 = 27 + 35 + 60 + 112 + 260 \\ 494 &:= 2^7 + 3^5 + 7^0 + 11^2 + 25^0 = 27 + 35 + 70 + 112 + 250 \\ 494 &:= 2^7 + 3^5 + 8^0 + 11^2 + 24^0 = 27 + 35 + 80 + 112 + 240 \end{aligned}$$

$$\begin{aligned} 494 &:= 2^7 + 3^5 + 9^0 + 11^2 + 23^0 = 27 + 35 + 90 + 112 + 230 \\ 494 &:= 2^7 + 4^1 + 6^3 + 11^2 + 25^1 = 27 + 41 + 63 + 112 + 251 \\ 494 &:= 2^7 + 4^4 + 9^1 + 10^2 + 23^0 = 27 + 44 + 91 + 102 + 230 \\ 494 &:= 2^7 + 5^1 + 6^3 + 11^2 + 24^1 = 27 + 51 + 63 + 112 + 241 \\ 494 &:= 2^7 + 5^2 + 10^2 + 15^2 + 16^1 = 27 + 52 + 102 + 152 + 161 \\ 494 &:= 2^7 + 5^3 + 6^3 + 11^0 + 24^1 = 27 + 53 + 63 + 110 + 241 \\ 494 &:= 2^7 + 6^1 + 6^3 + 11^2 + 23^1 = 27 + 61 + 63 + 112 + 231 \\ 494 &:= 2^7 + 6^3 + 10^1 + 11^2 + 19^1 = 27 + 63 + 101 + 112 + 191 \\ 494 &:= 2^7 + 6^3 + 11^1 + 11^2 + 18^1 = 27 + 63 + 111 + 112 + 181 \\ 494 &:= 2^7 + 6^3 + 11^2 + 12^1 + 17^1 = 27 + 63 + 112 + 121 + 171 \\ 494 &:= 2^7 + 6^3 + 11^2 + 13^1 + 16^1 = 27 + 63 + 112 + 131 + 161 \\ 494 &:= 2^7 + 6^3 + 11^2 + 14^1 + 15^1 = 27 + 63 + 112 + 141 + 151 \\ 494 &:= 2^7 + 6^3 + 7^1 + 11^2 + 22^1 = 27 + 63 + 71 + 112 + 221 \\ 494 &:= 2^7 + 6^3 + 7^2 + 10^2 + 23^0 = 27 + 63 + 72 + 102 + 230 \\ 494 &:= 2^7 + 6^3 + 8^1 + 11^2 + 21^1 = 27 + 63 + 81 + 112 + 211 \\ 494 &:= 2^7 + 6^3 + 9^1 + 11^2 + 20^1 = 27 + 63 + 91 + 112 + 201 \\ 494 &:= 2^7 + 8^2 + 12^2 + 12^2 + 14^1 = 27 + 82 + 122 + 122 + 141 \\ 494 &:= 2^8 + 3^2 + 6^3 + 12^1 + 25^0 = 28 + 32 + 63 + 121 + 250 \\ 494 &:= 2^8 + 3^3 + 14^1 + 14^2 + 15^0 = 28 + 33 + 141 + 142 + 150 \\ 494 &:= 2^8 + 4^1 + 4^3 + 13^2 + 25^0 = 28 + 41 + 43 + 132 + 250 \\ 494 &:= 2^8 + 4^2 + 10^2 + 11^2 + 21^0 = 28 + 42 + 102 + 112 + 210 \\ 494 &:= 2^8 + 4^2 + 5^2 + 14^2 + 23^0 = 28 + 42 + 52 + 142 + 230 \\ 494 &:= 2^8 + 5^3 + 10^2 + 12^1 + 19^0 = 28 + 53 + 102 + 121 + 190 \\ 494 &:= 3^0 + 3^1 + 5^1 + 16^0 + 22^2 = 30 + 31 + 51 + 160 + 222 \\ 494 &:= 3^0 + 4^1 + 4^1 + 16^0 + 22^2 = 30 + 41 + 41 + 160 + 222 \\ 494 &:= 3^1 + 4^0 + 5^1 + 15^0 + 22^2 = 31 + 40 + 51 + 150 + 222 \\ 494 &:= 3^1 + 5^0 + 5^1 + 14^0 + 22^2 = 31 + 50 + 51 + 140 + 222 \\ 494 &:= 3^1 + 5^1 + 6^0 + 13^0 + 22^2 = 31 + 51 + 60 + 130 + 222 \\ 494 &:= 3^1 + 5^1 + 7^0 + 12^0 + 22^2 = 31 + 51 + 70 + 120 + 222 \\ 494 &:= 3^1 + 5^1 + 8^0 + 11^0 + 22^2 = 31 + 51 + 80 + 110 + 222 \\ 494 &:= 3^1 + 5^1 + 9^0 + 10^0 + 22^2 = 31 + 51 + 90 + 100 + 222 \\ 494 &:= 3^4 + 3^5 + 8^2 + 9^2 + 25^1 = 34 + 35 + 82 + 92 + 251 \\ 494 &:= 4^0 + 4^1 + 4^1 + 15^0 + 22^2 = 40 + 41 + 41 + 150 + 222 \\ 494 &:= 4^1 + 4^1 + 5^0 + 14^0 + 22^2 = 41 + 41 + 50 + 140 + 222 \\ 494 &:= 4^1 + 4^1 + 6^0 + 13^0 + 22^2 = 41 + 41 + 60 + 130 + 222 \\ 494 &:= 4^1 + 4^1 + 7^0 + 12^0 + 22^2 = 41 + 41 + 70 + 120 + 222 \\ 494 &:= 4^1 + 4^1 + 8^0 + 11^0 + 22^2 = 41 + 41 + 80 + 110 + 222 \\ 494 &:= 4^1 + 4^1 + 9^0 + 10^0 + 22^2 = 41 + 41 + 90 + 100 + 222 \end{aligned}$$

2.2.396 Number 495

$$\begin{aligned}
 495 &:= 1^1 + 13^2 + 17^0 + 18^2 &= 11 + 132 + 170 + 182 \\
 495 &:= 1^1 + 3^2 + 22^2 + 23^0 &= 11 + 32 + 222 + 230 \\
 495 &:= 1^2 + 9^1 + 17^0 + 22^2 &= 12 + 91 + 170 + 222 \\
 495 &:= 2^2 + 6^1 + 19^0 + 22^2 &= 22 + 61 + 190 + 222 \\
 495 &:= 4^1 + 7^2 + 17^0 + 21^2 &= 41 + 72 + 170 + 212 \\
 495 &:= 5^0 + 13^1 + 15^2 + 16^2 &= 50 + 131 + 152 + 162 \\
 495 &:= 5^0 + 6^2 + 17^1 + 21^2 &= 50 + 62 + 171 + 212 \\
 495 &:= 7^0 + 11^2 + 12^1 + 19^2 &= 70 + 112 + 121 + 192 \\
 495 &:= 7^0 + 9^2 + 13^1 + 20^2 &= 70 + 92 + 131 + 202 \\
 495 &:= 9^0 + 9^1 + 14^2 + 17^2 &= 90 + 91 + 142 + 172 \\
 495 &:= 1^0 + 1^0 + 2^3 + 22^2 + 23^0 &= 10 + 10 + 23 + 222 + 230 \\
 495 &:= 1^0 + 1^2 + 8^1 + 17^0 + 22^2 &= 10 + 12 + 81 + 170 + 222 \\
 495 &:= 1^0 + 2^0 + 2^3 + 22^0 + 22^2 &= 10 + 20 + 23 + 220 + 222 \\
 495 &:= 1^0 + 2^2 + 5^1 + 19^0 + 22^2 &= 10 + 22 + 51 + 190 + 222 \\
 495 &:= 1^0 + 2^3 + 10^0 + 14^0 + 22^2 &= 10 + 23 + 100 + 140 + 222 \\
 495 &:= 1^0 + 2^3 + 11^0 + 13^0 + 22^2 &= 10 + 23 + 110 + 130 + 222 \\
 495 &:= 1^0 + 2^3 + 12^0 + 12^0 + 22^2 &= 10 + 23 + 120 + 120 + 222 \\
 495 &:= 1^0 + 2^3 + 3^0 + 21^0 + 22^2 &= 10 + 23 + 30 + 210 + 222 \\
 495 &:= 1^0 + 2^3 + 4^0 + 20^0 + 22^2 &= 10 + 23 + 40 + 200 + 222 \\
 495 &:= 1^0 + 2^3 + 5^0 + 19^0 + 22^2 &= 10 + 23 + 50 + 190 + 222 \\
 495 &:= 1^0 + 2^3 + 6^0 + 18^0 + 22^2 &= 10 + 23 + 60 + 180 + 222 \\
 495 &:= 1^0 + 2^3 + 7^0 + 17^0 + 22^2 &= 10 + 23 + 70 + 170 + 222 \\
 495 &:= 1^0 + 2^3 + 8^0 + 16^0 + 22^2 &= 10 + 23 + 80 + 160 + 222 \\
 495 &:= 1^0 + 2^3 + 9^0 + 15^0 + 22^2 &= 10 + 23 + 90 + 150 + 222 \\
 495 &:= 1^0 + 3^1 + 7^2 + 17^0 + 21^2 &= 10 + 31 + 72 + 170 + 212 \\
 495 &:= 1^0 + 5^0 + 12^1 + 15^2 + 16^2 &= 10 + 50 + 121 + 152 + 162 \\
 495 &:= 1^0 + 5^0 + 6^2 + 16^1 + 21^2 &= 10 + 50 + 62 + 161 + 212 \\
 495 &:= 1^0 + 7^0 + 11^1 + 11^2 + 19^2 &= 10 + 70 + 111 + 112 + 192 \\
 495 &:= 1^0 + 7^0 + 9^2 + 12^1 + 20^2 &= 10 + 70 + 92 + 121 + 202 \\
 495 &:= 1^0 + 8^1 + 9^0 + 14^2 + 17^2 &= 10 + 81 + 90 + 142 + 172 \\
 495 &:= 1^1 + 1^1 + 8^1 + 17^0 + 22^2 &= 11 + 11 + 81 + 170 + 222 \\
 495 &:= 1^1 + 1^9 + 2^3 + 22^0 + 22^2 &= 11 + 19 + 23 + 220 + 222 \\
 495 &:= 1^1 + 2^1 + 7^1 + 17^0 + 22^2 &= 11 + 21 + 71 + 170 + 222 \\
 495 &:= 1^1 + 3^1 + 6^1 + 17^0 + 22^2 &= 11 + 31 + 61 + 170 + 222 \\
 495 &:= 1^1 + 4^1 + 5^1 + 17^0 + 22^2 &= 11 + 41 + 51 + 170 + 222
 \end{aligned}$$

$$\begin{aligned}
 495 &:= 1^2 + 1^8 + 2^3 + 22^0 + 22^2 &= 12 + 18 + 23 + 220 + 222 \\
 495 &:= 1^2 + 2^0 + 8^1 + 16^0 + 22^2 &= 12 + 20 + 81 + 160 + 222 \\
 495 &:= 1^2 + 3^0 + 8^1 + 15^0 + 22^2 &= 12 + 30 + 81 + 150 + 222 \\
 495 &:= 1^2 + 4^0 + 8^1 + 14^0 + 22^2 &= 12 + 40 + 81 + 140 + 222 \\
 495 &:= 1^2 + 5^0 + 8^1 + 13^0 + 22^2 &= 12 + 50 + 81 + 130 + 222 \\
 495 &:= 1^2 + 6^0 + 8^1 + 12^0 + 22^2 &= 12 + 60 + 81 + 120 + 222 \\
 495 &:= 1^2 + 7^0 + 8^1 + 11^0 + 22^2 &= 12 + 70 + 81 + 110 + 222 \\
 495 &:= 1^2 + 8^0 + 8^1 + 10^0 + 22^2 &= 12 + 80 + 81 + 100 + 222 \\
 495 &:= 1^2 + 8^1 + 9^0 + 9^0 + 22^2 &= 12 + 81 + 90 + 90 + 222 \\
 495 &:= 1^3 + 1^7 + 2^3 + 22^0 + 22^2 &= 13 + 17 + 23 + 220 + 222 \\
 495 &:= 1^3 + 1^9 + 8^1 + 16^0 + 22^2 &= 13 + 19 + 81 + 160 + 222 \\
 495 &:= 1^3 + 2^8 + 6^3 + 18^0 + 21^1 &= 13 + 28 + 63 + 180 + 211 \\
 495 &:= 1^4 + 1^6 + 2^3 + 22^0 + 22^2 &= 14 + 16 + 23 + 220 + 222 \\
 495 &:= 1^4 + 1^8 + 8^1 + 16^0 + 22^2 &= 14 + 18 + 81 + 160 + 222 \\
 495 &:= 1^4 + 2^2 + 2^7 + 19^2 + 24^0 &= 14 + 22 + 27 + 192 + 240 \\
 495 &:= 1^4 + 2^7 + 13^2 + 14^2 + 18^0 &= 14 + 27 + 132 + 142 + 180 \\
 495 &:= 1^4 + 2^7 + 7^3 + 16^0 + 22^1 &= 14 + 27 + 73 + 160 + 221 \\
 495 &:= 1^4 + 2^8 + 12^1 + 15^2 + 18^0 &= 14 + 28 + 121 + 152 + 180 \\
 495 &:= 1^5 + 1^5 + 2^3 + 22^0 + 22^2 &= 15 + 15 + 23 + 220 + 222 \\
 495 &:= 1^5 + 1^7 + 8^1 + 16^0 + 22^2 &= 15 + 17 + 81 + 160 + 222 \\
 495 &:= 1^5 + 2^7 + 4^1 + 19^2 + 22^0 &= 15 + 27 + 41 + 192 + 220 \\
 495 &:= 1^6 + 1^6 + 8^1 + 16^0 + 22^2 &= 16 + 16 + 81 + 160 + 222 \\
 495 &:= 1^6 + 2^5 + 10^2 + 16^0 + 19^2 &= 16 + 25 + 102 + 160 + 192 \\
 495 &:= 1^6 + 3^4 + 6^3 + 14^2 + 24^0 &= 16 + 34 + 63 + 142 + 240 \\
 495 &:= 1^6 + 3^5 + 5^2 + 15^2 + 24^0 &= 16 + 35 + 52 + 152 + 240 \\
 495 &:= 1^6 + 3^5 + 9^2 + 13^2 + 22^0 &= 16 + 35 + 92 + 132 + 220 \\
 495 &:= 1^7 + 2^4 + 6^2 + 18^0 + 21^2 &= 17 + 24 + 62 + 180 + 212 \\
 495 &:= 1^7 + 2^5 + 4^0 + 20^1 + 21^2 &= 17 + 25 + 40 + 201 + 212 \\
 495 &:= 1^7 + 3^5 + 4^0 + 15^2 + 25^1 &= 17 + 35 + 40 + 152 + 251 \\
 495 &:= 1^7 + 4^4 + 6^3 + 16^0 + 21^1 &= 17 + 44 + 63 + 160 + 211 \\
 495 &:= 1^8 + 2^3 + 14^0 + 14^2 + 17^2 &= 18 + 23 + 140 + 142 + 172 \\
 495 &:= 1^8 + 3^3 + 5^2 + 18^0 + 21^2 &= 18 + 33 + 52 + 180 + 212 \\
 495 &:= 1^8 + 3^4 + 12^0 + 12^1 + 20^2 &= 18 + 34 + 120 + 121 + 202 \\
 495 &:= 1^8 + 4^4 + 12^1 + 15^2 + 16^0 &= 18 + 44 + 121 + 152 + 160 \\
 495 &:= 1^8 + 5^3 + 7^3 + 10^0 + 25^1 &= 18 + 53 + 73 + 100 + 251
 \end{aligned}$$

$$\begin{aligned} 495 &:= 1^8 + 6^3 + 9^2 + 14^2 + 18^0 = 18 + 63 + 92 + 142 + 180 \\ 495 &:= 1^9 + 4^0 + 6^3 + 16^2 + 21^1 = 19 + 40 + 63 + 162 + 211 \\ 495 &:= 1^9 + 4^2 + 6^2 + 16^0 + 21^2 = 19 + 42 + 62 + 160 + 212 \\ 495 &:= 1^9 + 5^2 + 12^0 + 12^2 + 18^2 = 19 + 52 + 120 + 122 + 182 \\ 495 &:= 1^9 + 5^3 + 7^1 + 16^0 + 19^2 = 19 + 53 + 71 + 160 + 192 \\ 495 &:= 1^9 + 6^1 + 7^3 + 12^2 + 22^0 = 19 + 61 + 73 + 122 + 220 \\ 495 &:= 2^0 + 2^0 + 2^3 + 21^0 + 22^2 = 20 + 20 + 23 + 210 + 222 \\ 495 &:= 2^0 + 2^2 + 5^1 + 18^0 + 22^2 = 20 + 22 + 51 + 180 + 222 \\ 495 &:= 2^0 + 2^3 + 10^0 + 13^0 + 22^2 = 20 + 23 + 100 + 130 + 222 \\ 495 &:= 2^0 + 2^3 + 11^0 + 12^0 + 22^2 = 20 + 23 + 110 + 120 + 222 \\ 495 &:= 2^0 + 2^3 + 3^0 + 20^0 + 22^2 = 20 + 23 + 30 + 200 + 222 \\ 495 &:= 2^0 + 2^3 + 4^0 + 19^0 + 22^2 = 20 + 23 + 40 + 190 + 222 \\ 495 &:= 2^0 + 2^3 + 5^0 + 18^0 + 22^2 = 20 + 23 + 50 + 180 + 222 \\ 495 &:= 2^0 + 2^3 + 6^0 + 17^0 + 22^2 = 20 + 23 + 60 + 170 + 222 \\ 495 &:= 2^0 + 2^3 + 7^0 + 16^0 + 22^2 = 20 + 23 + 70 + 160 + 222 \\ 495 &:= 2^0 + 2^3 + 8^0 + 15^0 + 22^2 = 20 + 23 + 80 + 150 + 222 \\ 495 &:= 2^0 + 2^3 + 9^0 + 14^0 + 22^2 = 20 + 23 + 90 + 140 + 222 \\ 495 &:= 2^0 + 3^1 + 7^2 + 16^0 + 21^2 = 20 + 31 + 72 + 160 + 212 \\ 495 &:= 2^0 + 4^0 + 12^1 + 15^2 + 16^2 = 20 + 40 + 121 + 152 + 162 \\ 495 &:= 2^0 + 4^0 + 6^2 + 16^1 + 21^2 = 20 + 40 + 62 + 161 + 212 \\ 495 &:= 2^0 + 6^0 + 11^1 + 11^2 + 19^2 = 20 + 60 + 111 + 112 + 192 \\ 495 &:= 2^0 + 6^0 + 9^2 + 12^1 + 20^2 = 20 + 60 + 92 + 121 + 202 \\ 495 &:= 2^0 + 8^0 + 8^1 + 14^2 + 17^2 = 20 + 80 + 81 + 142 + 172 \\ 495 &:= 2^1 + 2^1 + 6^1 + 17^0 + 22^2 = 21 + 21 + 61 + 170 + 222 \\ 495 &:= 2^1 + 3^1 + 5^1 + 17^0 + 22^2 = 21 + 31 + 51 + 170 + 222 \\ 495 &:= 2^1 + 4^1 + 4^1 + 17^0 + 22^2 = 21 + 41 + 41 + 170 + 222 \\ 495 &:= 2^2 + 3^0 + 5^1 + 17^0 + 22^2 = 22 + 30 + 51 + 170 + 222 \\ 495 &:= 2^2 + 4^0 + 5^1 + 16^0 + 22^2 = 22 + 40 + 51 + 160 + 222 \\ 495 &:= 2^2 + 5^0 + 5^1 + 15^0 + 22^2 = 22 + 50 + 51 + 150 + 222 \\ 495 &:= 2^2 + 5^1 + 10^0 + 10^0 + 22^2 = 22 + 51 + 100 + 100 + 222 \\ 495 &:= 2^2 + 5^1 + 6^0 + 14^0 + 22^2 = 22 + 51 + 60 + 140 + 222 \\ 495 &:= 2^2 + 5^1 + 7^0 + 13^0 + 22^2 = 22 + 51 + 70 + 130 + 222 \\ 495 &:= 2^2 + 5^1 + 8^0 + 12^0 + 22^2 = 22 + 51 + 80 + 120 + 222 \\ 495 &:= 2^2 + 5^1 + 9^0 + 11^0 + 22^2 = 22 + 51 + 90 + 110 + 222 \\ 495 &:= 2^3 + 2^8 + 6^3 + 14^1 + 24^0 = 23 + 28 + 63 + 141 + 240 \\ 495 &:= 2^3 + 3^0 + 10^0 + 12^0 + 22^2 = 23 + 30 + 100 + 120 + 222 \\ 495 &:= 2^3 + 3^0 + 11^0 + 11^0 + 22^2 = 23 + 30 + 110 + 110 + 222 \\ 495 &:= 2^3 + 3^0 + 3^0 + 19^0 + 22^2 = 23 + 30 + 30 + 190 + 222 \end{aligned}$$

$$\begin{aligned} 495 &:= 2^3 + 3^0 + 4^0 + 18^0 + 22^2 = 23 + 30 + 40 + 180 + 222 \\ 495 &:= 2^3 + 3^0 + 5^0 + 17^0 + 22^2 = 23 + 30 + 50 + 170 + 222 \\ 495 &:= 2^3 + 3^0 + 6^0 + 16^0 + 22^2 = 23 + 30 + 60 + 160 + 222 \\ 495 &:= 2^3 + 3^0 + 7^0 + 15^0 + 22^2 = 23 + 30 + 70 + 150 + 222 \\ 495 &:= 2^3 + 3^0 + 8^0 + 14^0 + 22^2 = 23 + 30 + 80 + 140 + 222 \\ 495 &:= 2^3 + 3^0 + 9^0 + 13^0 + 22^2 = 23 + 30 + 90 + 130 + 222 \\ 495 &:= 2^3 + 4^0 + 10^0 + 11^0 + 22^2 = 23 + 40 + 100 + 110 + 222 \\ 495 &:= 2^3 + 4^0 + 4^0 + 17^0 + 22^2 = 23 + 40 + 40 + 170 + 222 \\ 495 &:= 2^3 + 4^0 + 5^0 + 16^0 + 22^2 = 23 + 40 + 50 + 160 + 222 \\ 495 &:= 2^3 + 4^0 + 6^0 + 15^0 + 22^2 = 23 + 40 + 60 + 150 + 222 \\ 495 &:= 2^3 + 4^0 + 7^0 + 14^0 + 22^2 = 23 + 40 + 70 + 140 + 222 \\ 495 &:= 2^3 + 4^0 + 8^0 + 13^0 + 22^2 = 23 + 40 + 80 + 130 + 222 \\ 495 &:= 2^3 + 4^0 + 9^0 + 12^0 + 22^2 = 23 + 40 + 90 + 120 + 222 \\ 495 &:= 2^3 + 5^0 + 10^0 + 10^0 + 22^2 = 23 + 50 + 100 + 100 + 222 \\ 495 &:= 2^3 + 5^0 + 5^0 + 15^0 + 22^2 = 23 + 50 + 50 + 150 + 222 \\ 495 &:= 2^3 + 5^0 + 6^0 + 14^0 + 22^2 = 23 + 50 + 60 + 140 + 222 \\ 495 &:= 2^3 + 5^0 + 7^0 + 13^0 + 22^2 = 23 + 50 + 70 + 130 + 222 \\ 495 &:= 2^3 + 5^0 + 8^0 + 12^0 + 22^2 = 23 + 50 + 80 + 120 + 222 \\ 495 &:= 2^3 + 5^0 + 9^0 + 11^0 + 22^2 = 23 + 50 + 90 + 110 + 222 \\ 495 &:= 2^3 + 6^0 + 6^0 + 13^0 + 22^2 = 23 + 60 + 60 + 130 + 222 \\ 495 &:= 2^3 + 6^0 + 7^0 + 12^0 + 22^2 = 23 + 60 + 70 + 120 + 222 \\ 495 &:= 2^3 + 6^0 + 8^0 + 11^0 + 22^2 = 23 + 60 + 80 + 110 + 222 \\ 495 &:= 2^3 + 6^0 + 9^0 + 10^0 + 22^2 = 23 + 60 + 90 + 100 + 222 \\ 495 &:= 2^3 + 7^0 + 7^0 + 11^0 + 22^2 = 23 + 70 + 70 + 110 + 222 \\ 495 &:= 2^3 + 7^0 + 8^0 + 10^0 + 22^2 = 23 + 70 + 80 + 100 + 222 \\ 495 &:= 2^3 + 7^0 + 9^0 + 9^0 + 22^2 = 23 + 70 + 90 + 90 + 222 \\ 495 &:= 2^3 + 8^0 + 8^0 + 9^0 + 22^2 = 23 + 80 + 80 + 90 + 222 \\ 495 &:= 2^4 + 2^6 + 5^3 + 17^2 + 22^0 = 24 + 26 + 53 + 172 + 220 \\ 495 &:= 2^4 + 2^8 + 4^0 + 14^2 + 26^1 = 24 + 28 + 40 + 142 + 261 \\ 495 &:= 2^5 + 2^7 + 10^1 + 16^0 + 18^2 = 25 + 27 + 101 + 160 + 182 \\ 495 &:= 2^6 + 2^6 + 5^1 + 19^2 + 20^0 = 26 + 26 + 51 + 192 + 200 \\ 495 &:= 2^7 + 3^5 + 10^0 + 10^2 + 23^1 = 27 + 35 + 100 + 102 + 231 \\ 495 &:= 2^8 + 3^4 + 12^2 + 13^1 + 18^0 = 28 + 34 + 122 + 131 + 180 \\ 495 &:= 2^8 + 5^3 + 7^2 + 8^2 + 26^0 = 28 + 53 + 72 + 82 + 260 \\ 495 &:= 3^0 + 3^0 + 12^1 + 15^2 + 16^2 = 30 + 30 + 121 + 152 + 162 \\ 495 &:= 3^0 + 3^0 + 6^2 + 16^1 + 21^2 = 30 + 30 + 62 + 161 + 212 \\ 495 &:= 3^0 + 3^1 + 7^2 + 15^0 + 21^2 = 30 + 31 + 72 + 150 + 212 \\ 495 &:= 3^0 + 5^0 + 11^1 + 11^2 + 19^2 = 30 + 50 + 111 + 112 + 192 \end{aligned}$$

$$\begin{aligned}
 495 &:= 3^0 + 5^0 + 9^2 + 12^1 + 20^2 = 30 + 50 + 92 + 121 + 202 \\
 495 &:= 3^0 + 7^0 + 8^1 + 14^2 + 17^2 = 30 + 70 + 81 + 142 + 172 \\
 495 &:= 3^1 + 3^1 + 4^1 + 17^0 + 22^2 = 31 + 31 + 41 + 170 + 222 \\
 495 &:= 3^1 + 4^0 + 7^2 + 14^0 + 21^2 = 31 + 40 + 72 + 140 + 212 \\
 495 &:= 3^1 + 5^0 + 7^2 + 13^0 + 21^2 = 31 + 50 + 72 + 130 + 212 \\
 495 &:= 3^1 + 6^0 + 7^2 + 12^0 + 21^2 = 31 + 60 + 72 + 120 + 212 \\
 495 &:= 3^1 + 7^0 + 7^2 + 11^0 + 21^2 = 31 + 70 + 72 + 110 + 212
 \end{aligned}$$

$$\begin{aligned}
 495 &:= 3^1 + 7^2 + 8^0 + 10^0 + 21^2 = 31 + 72 + 80 + 100 + 212 \\
 495 &:= 3^1 + 7^2 + 9^0 + 9^0 + 21^2 = 31 + 72 + 90 + 90 + 212 \\
 495 &:= 4^0 + 4^0 + 11^1 + 11^2 + 19^2 = 40 + 40 + 111 + 112 + 192 \\
 495 &:= 4^0 + 4^0 + 9^2 + 12^1 + 20^2 = 40 + 40 + 92 + 121 + 202 \\
 495 &:= 4^0 + 6^0 + 8^1 + 14^2 + 17^2 = 40 + 60 + 81 + 142 + 172 \\
 495 &:= 5^0 + 5^0 + 8^1 + 14^2 + 17^2 = 50 + 50 + 81 + 142 + 172
 \end{aligned}$$

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$$\begin{aligned}
 496 &:= 1^3 + 10^1 + 16^0 + 22^2 = 13 + 101 + 160 + 222 \\
 496 &:= 2^3 + 3^1 + 22^0 + 22^2 = 23 + 31 + 220 + 222 \\
 496 &:= 4^0 + 6^3 + 16^2 + 23^1 = 40 + 63 + 162 + 231 \\
 496 &:= 5^3 + 9^1 + 16^0 + 19^2 = 53 + 91 + 160 + 192 \\
 496 &:= 7^3 + 8^1 + 12^2 + 22^0 = 73 + 81 + 122 + 220 \\
 496 &:= 7^1 + 7^3 + 9^0 + 12^2 + 14^0 = 71 + 73 + 90 + 122 + 140 \\
 496 &:= 7^1 + 7^3 + 8^0 + 12^2 + 15^0 = 71 + 73 + 80 + 122 + 150 \\
 496 &:= 7^1 + 7^3 + 11^0 + 12^0 + 12^2 = 71 + 73 + 110 + 120 + 122 \\
 496 &:= 7^1 + 7^3 + 10^0 + 12^2 + 13^0 = 71 + 73 + 100 + 122 + 130 \\
 496 &:= 7^0 + 7^1 + 7^3 + 12^2 + 16^0 = 70 + 71 + 73 + 122 + 160 \\
 496 &:= 6^0 + 7^1 + 7^3 + 12^2 + 17^0 = 60 + 71 + 73 + 122 + 170 \\
 496 &:= 6^0 + 7^1 + 7^1 + 9^2 + 20^2 = 60 + 71 + 71 + 92 + 202 \\
 496 &:= 6^0 + 7^0 + 7^2 + 11^2 + 18^2 = 60 + 70 + 72 + 112 + 182 \\
 496 &:= 6^0 + 6^2 + 7^0 + 13^2 + 17^2 = 60 + 62 + 70 + 132 + 172 \\
 496 &:= 6^0 + 6^1 + 8^1 + 9^2 + 20^2 = 60 + 61 + 81 + 92 + 202 \\
 496 &:= 6^0 + 6^1 + 7^1 + 11^2 + 19^2 = 60 + 61 + 71 + 112 + 192 \\
 496 &:= 5^3 + 8^0 + 8^1 + 9^0 + 19^2 = 53 + 80 + 81 + 90 + 192 \\
 496 &:= 5^3 + 7^0 + 8^1 + 10^0 + 19^2 = 53 + 70 + 81 + 100 + 192 \\
 496 &:= 5^3 + 6^0 + 8^1 + 11^0 + 19^2 = 53 + 60 + 81 + 110 + 192 \\
 496 &:= 5^1 + 6^0 + 9^1 + 9^2 + 20^2 = 51 + 60 + 91 + 92 + 202 \\
 496 &:= 5^1 + 6^0 + 8^1 + 11^2 + 19^2 = 51 + 60 + 81 + 112 + 192 \\
 496 &:= 5^1 + 5^1 + 8^0 + 14^2 + 17^2 = 51 + 51 + 80 + 142 + 172 \\
 496 &:= 5^0 + 7^2 + 8^0 + 11^2 + 18^2 = 50 + 72 + 80 + 112 + 182 \\
 496 &:= 5^0 + 7^1 + 7^3 + 12^2 + 18^0 = 50 + 71 + 73 + 122 + 180 \\
 496 &:= 5^0 + 6^2 + 8^0 + 13^2 + 17^2 = 50 + 62 + 80 + 132 + 172 \\
 496 &:= 5^0 + 6^0 + 10^2 + 13^2 + 15^2 = 50 + 60 + 102 + 132 + 152 \\
 496 &:= 5^0 + 5^3 + 8^1 + 12^0 + 19^2 = 50 + 53 + 81 + 120 + 192 \\
 496 &:= 4^1 + 6^1 + 8^0 + 14^2 + 17^2 = 41 + 61 + 80 + 142 + 172
 \end{aligned}$$

$$\begin{aligned}
 496 &:= 4^1 + 6^0 + 9^2 + 10^1 + 20^2 = 41 + 60 + 92 + 101 + 202 \\
 496 &:= 4^1 + 6^0 + 9^1 + 11^2 + 19^2 = 41 + 60 + 91 + 112 + 192 \\
 496 &:= 4^0 + 7^2 + 9^0 + 11^2 + 18^2 = 40 + 72 + 90 + 112 + 182 \\
 496 &:= 4^0 + 7^1 + 7^3 + 12^2 + 19^0 = 40 + 71 + 73 + 122 + 190 \\
 496 &:= 4^0 + 7^1 + 7^1 + 15^2 + 16^2 = 40 + 71 + 71 + 152 + 162 \\
 496 &:= 4^0 + 7^0 + 10^2 + 13^2 + 15^2 = 40 + 70 + 102 + 132 + 152 \\
 496 &:= 4^0 + 6^2 + 9^1 + 9^1 + 21^2 = 40 + 62 + 91 + 91 + 212 \\
 496 &:= 4^0 + 6^2 + 9^0 + 13^2 + 17^2 = 40 + 62 + 90 + 132 + 172 \\
 496 &:= 4^0 + 6^2 + 8^1 + 10^1 + 21^2 = 40 + 62 + 81 + 101 + 212 \\
 496 &:= 4^0 + 6^2 + 7^1 + 11^1 + 21^2 = 40 + 62 + 71 + 111 + 212 \\
 496 &:= 4^0 + 6^1 + 8^1 + 15^2 + 16^2 = 40 + 61 + 81 + 152 + 162 \\
 496 &:= 4^0 + 6^1 + 6^2 + 12^1 + 21^2 = 40 + 61 + 62 + 121 + 212 \\
 496 &:= 4^0 + 5^3 + 8^1 + 13^0 + 19^2 = 40 + 53 + 81 + 130 + 192 \\
 496 &:= 4^0 + 5^1 + 9^1 + 15^2 + 16^2 = 40 + 51 + 91 + 152 + 162 \\
 496 &:= 4^0 + 5^1 + 6^2 + 13^1 + 21^2 = 40 + 51 + 62 + 131 + 212 \\
 496 &:= 4^0 + 4^1 + 6^2 + 14^1 + 21^2 = 40 + 41 + 62 + 141 + 212 \\
 496 &:= 4^0 + 4^1 + 10^1 + 15^2 + 16^2 = 40 + 41 + 101 + 152 + 162 \\
 496 &:= 3^2 + 7^0 + 8^0 + 14^2 + 17^2 = 32 + 70 + 80 + 142 + 172 \\
 496 &:= 3^2 + 6^0 + 9^0 + 14^2 + 17^2 = 32 + 60 + 90 + 142 + 172 \\
 496 &:= 3^2 + 5^0 + 10^0 + 14^2 + 17^2 = 32 + 50 + 100 + 142 + 172 \\
 496 &:= 3^2 + 4^0 + 11^0 + 14^2 + 17^2 = 32 + 40 + 110 + 142 + 172 \\
 496 &:= 3^1 + 7^1 + 8^0 + 14^2 + 17^2 = 31 + 71 + 80 + 142 + 172 \\
 496 &:= 3^1 + 6^0 + 9^2 + 11^1 + 20^2 = 31 + 60 + 92 + 111 + 202 \\
 496 &:= 3^1 + 6^0 + 10^1 + 11^2 + 19^2 = 31 + 60 + 101 + 112 + 192 \\
 496 &:= 3^1 + 4^0 + 6^2 + 15^1 + 21^2 = 31 + 40 + 62 + 151 + 212 \\
 496 &:= 3^1 + 4^0 + 11^1 + 15^2 + 16^2 = 31 + 40 + 111 + 152 + 162 \\
 496 &:= 3^0 + 8^0 + 10^2 + 13^2 + 15^2 = 30 + 80 + 102 + 132 + 152 \\
 496 &:= 3^0 + 7^2 + 10^0 + 11^2 + 18^2 = 30 + 72 + 100 + 112 + 182
 \end{aligned}$$

$$\begin{aligned}
 496 &:= 3^0 + 7^1 + 7^3 + 12^2 + 20^0 = 30 + 71 + 73 + 122 + 200 & 496 &:= 2^0 + 7^1 + 7^3 + 12^2 + 21^0 = 20 + 71 + 73 + 122 + 210 \\
 496 &:= 3^0 + 6^2 + 10^0 + 13^2 + 17^2 = 30 + 62 + 100 + 132 + 172 & 496 &:= 2^0 + 6^2 + 11^0 + 13^2 + 17^2 = 20 + 62 + 110 + 132 + 172 \\
 496 &:= 3^0 + 5^3 + 8^1 + 14^0 + 19^2 = 30 + 53 + 81 + 140 + 192 & 496 &:= 2^0 + 5^3 + 8^1 + 15^0 + 19^2 = 20 + 53 + 81 + 150 + 192 \\
 496 &:= 3^0 + 3^2 + 12^0 + 14^2 + 17^2 = 30 + 32 + 120 + 142 + 172 & 496 &:= 2^0 + 3^2 + 13^0 + 14^2 + 17^2 = 20 + 32 + 130 + 142 + 172 \\
 496 &:= 2^6 + 3^5 + 8^2 + 10^2 + 25^1 = 26 + 35 + 82 + 102 + 251 & 496 &:= 2^0 + 3^0 + 6^3 + 16^2 + 22^1 = 20 + 30 + 63 + 162 + 221 \\
 496 &:= 2^6 + 2^7 + 13^0 + 14^1 + 17^2 = 26 + 27 + 130 + 141 + 172 & 496 &:= 2^0 + 2^2 + 7^2 + 17^0 + 21^2 = 20 + 22 + 72 + 170 + 212 \\
 496 &:= 2^6 + 2^6 + 7^3 + 13^0 + 24^1 = 26 + 26 + 73 + 130 + 241 & 496 &:= 2^0 + 2^1 + 2^3 + 21^0 + 22^2 = 20 + 21 + 23 + 210 + 222 \\
 496 &:= 2^5 + 2^8 + 11^1 + 14^2 + 19^0 = 25 + 28 + 111 + 142 + 190 & 496 &:= 1^9 + 9^1 + 11^2 + 13^2 + 14^2 = 19 + 91 + 112 + 132 + 142 \\
 496 &:= 2^4 + 2^7 + 3^3 + 18^2 + 23^0 = 24 + 27 + 33 + 182 + 230 & 496 &:= 1^9 + 8^2 + 10^1 + 14^2 + 15^2 = 19 + 82 + 101 + 142 + 152 \\
 496 &:= 2^3 + 2^8 + 8^2 + 12^2 + 24^1 = 23 + 28 + 82 + 122 + 241 & 496 &:= 1^9 + 5^3 + 7^3 + 9^0 + 26^1 = 19 + 53 + 73 + 90 + 261 \\
 496 &:= 2^3 + 2^8 + 3^2 + 14^2 + 27^1 = 23 + 28 + 32 + 142 + 271 & 496 &:= 1^9 + 5^3 + 12^2 + 15^0 + 15^2 = 19 + 53 + 122 + 150 + 152 \\
 496 &:= 2^2 + 7^2 + 9^0 + 10^0 + 21^2 = 22 + 72 + 90 + 100 + 212 & 496 &:= 1^9 + 5^2 + 12^1 + 13^2 + 17^2 = 19 + 52 + 121 + 132 + 172 \\
 496 &:= 2^2 + 7^2 + 8^0 + 11^0 + 21^2 = 22 + 72 + 80 + 110 + 212 & 496 &:= 1^9 + 4^4 + 13^1 + 15^0 + 15^2 = 19 + 44 + 131 + 150 + 152 \\
 496 &:= 2^2 + 7^0 + 7^2 + 12^0 + 21^2 = 22 + 70 + 72 + 120 + 212 & 496 &:= 1^9 + 4^2 + 8^2 + 15^1 + 20^2 = 19 + 42 + 82 + 151 + 202 \\
 496 &:= 2^2 + 6^0 + 7^2 + 13^0 + 21^2 = 22 + 60 + 72 + 130 + 212 & 496 &:= 1^9 + 3^4 + 11^0 + 13^1 + 20^2 = 19 + 34 + 110 + 131 + 202 \\
 496 &:= 2^2 + 5^0 + 7^2 + 14^0 + 21^2 = 22 + 50 + 72 + 140 + 212 & 496 &:= 1^8 + 7^3 + 8^2 + 8^2 + 24^1 = 18 + 73 + 82 + 82 + 241 \\
 496 &:= 2^2 + 4^0 + 7^2 + 15^0 + 21^2 = 22 + 40 + 72 + 150 + 212 & 496 &:= 1^8 + 6^3 + 8^2 + 14^2 + 19^1 = 18 + 63 + 82 + 142 + 191 \\
 496 &:= 2^2 + 3^1 + 4^1 + 18^0 + 22^2 = 22 + 31 + 41 + 180 + 222 & 496 &:= 1^8 + 5^3 + 8^2 + 17^1 + 17^2 = 18 + 53 + 82 + 171 + 172 \\
 496 &:= 2^2 + 3^0 + 7^2 + 16^0 + 21^2 = 22 + 30 + 72 + 160 + 212 & 496 &:= 1^8 + 4^4 + 6^3 + 15^0 + 22^1 = 18 + 44 + 63 + 150 + 221 \\
 496 &:= 2^2 + 2^4 + 2^7 + 18^2 + 24^1 = 22 + 24 + 27 + 182 + 241 & 496 &:= 1^8 + 3^0 + 3^5 + 15^2 + 26^1 = 18 + 30 + 35 + 152 + 261 \\
 496 &:= 2^1 + 8^0 + 8^1 + 14^2 + 17^2 = 21 + 80 + 81 + 142 + 172 & 496 &:= 1^8 + 2^5 + 3^0 + 21^1 + 21^2 = 18 + 25 + 30 + 211 + 212 \\
 496 &:= 2^1 + 6^0 + 9^2 + 12^1 + 20^2 = 21 + 60 + 92 + 121 + 202 & 496 &:= 1^8 + 2^3 + 5^3 + 19^2 + 21^0 = 18 + 23 + 53 + 192 + 210 \\
 496 &:= 2^1 + 6^0 + 11^1 + 11^2 + 19^2 = 21 + 60 + 111 + 112 + 192 & 496 &:= 1^8 + 2^2 + 7^3 + 11^2 + 27^1 = 18 + 22 + 73 + 112 + 271 \\
 496 &:= 2^1 + 4^0 + 6^2 + 16^1 + 21^2 = 21 + 40 + 62 + 161 + 212 & 496 &:= 1^6 + 2^7 + 5^1 + 19^2 + 21^0 = 16 + 27 + 51 + 192 + 210 \\
 496 &:= 2^1 + 4^0 + 12^1 + 15^2 + 16^2 = 21 + 40 + 121 + 152 + 162 & 496 &:= 1^6 + 1^7 + 9^1 + 15^0 + 22^2 = 16 + 17 + 91 + 150 + 222 \\
 496 &:= 2^1 + 3^1 + 7^2 + 16^0 + 21^2 = 21 + 31 + 72 + 160 + 212 & 496 &:= 1^6 + 1^6 + 3^2 + 21^0 + 22^2 = 16 + 16 + 32 + 210 + 222 \\
 496 &:= 2^1 + 2^3 + 9^0 + 14^0 + 22^2 = 21 + 23 + 90 + 140 + 222 & 496 &:= 1^6 + 1^6 + 13^2 + 15^0 + 18^2 = 16 + 16 + 132 + 150 + 182 \\
 496 &:= 2^1 + 2^3 + 8^0 + 15^0 + 22^2 = 21 + 23 + 80 + 150 + 222 & 496 &:= 1^5 + 2^8 + 13^1 + 15^2 + 17^0 = 15 + 28 + 131 + 152 + 170 \\
 496 &:= 2^1 + 2^3 + 7^0 + 16^0 + 22^2 = 21 + 23 + 70 + 160 + 222 & 496 &:= 1^5 + 2^7 + 7^3 + 15^0 + 23^1 = 15 + 27 + 73 + 150 + 231 \\
 496 &:= 2^1 + 2^3 + 6^0 + 17^0 + 22^2 = 21 + 23 + 60 + 170 + 222 & 496 &:= 1^5 + 2^6 + 3^2 + 20^2 + 22^1 = 15 + 26 + 32 + 202 + 221 \\
 496 &:= 2^1 + 2^3 + 5^0 + 18^0 + 22^2 = 21 + 23 + 50 + 180 + 222 & 496 &:= 1^5 + 2^4 + 4^4 + 14^2 + 27^1 = 15 + 24 + 44 + 142 + 271 \\
 496 &:= 2^1 + 2^3 + 4^0 + 19^0 + 22^2 = 21 + 23 + 40 + 190 + 222 & 496 &:= 1^5 + 2^4 + 2^4 + 21^2 + 22^1 = 15 + 24 + 24 + 212 + 221 \\
 496 &:= 2^1 + 2^3 + 3^0 + 20^0 + 22^2 = 21 + 23 + 30 + 200 + 222 & 496 &:= 1^5 + 1^8 + 9^1 + 15^0 + 22^2 = 15 + 18 + 91 + 150 + 222 \\
 496 &:= 2^1 + 2^3 + 11^0 + 12^0 + 22^2 = 21 + 23 + 110 + 120 + 222 & 496 &:= 1^5 + 1^7 + 3^2 + 21^0 + 22^2 = 15 + 17 + 32 + 210 + 222 \\
 496 &:= 2^1 + 2^3 + 10^0 + 13^0 + 22^2 = 21 + 23 + 100 + 130 + 222 & 496 &:= 1^5 + 1^7 + 13^2 + 15^0 + 18^2 = 15 + 17 + 132 + 150 + 182 \\
 496 &:= 2^1 + 2^2 + 5^1 + 18^0 + 22^2 = 21 + 22 + 51 + 180 + 222 & 496 &:= 1^4 + 2^8 + 6^3 + 17^0 + 22^1 = 14 + 28 + 63 + 170 + 221 \\
 496 &:= 2^0 + 9^0 + 10^2 + 13^2 + 15^2 = 20 + 90 + 102 + 132 + 152 & 496 &:= 1^4 + 2^3 + 2^6 + 20^2 + 23^1 = 14 + 23 + 26 + 202 + 231 \\
 496 &:= 2^0 + 7^2 + 11^0 + 11^2 + 18^2 = 20 + 72 + 110 + 112 + 182 & 496 &:= 1^4 + 1^9 + 9^1 + 15^0 + 22^2 = 14 + 19 + 91 + 150 + 222
 \end{aligned}$$

$496 := 1^4 + 1^8 + 3^2 + 21^0 + 22^2 = 14 + 18 + 32 + 210 + 222$	$496 := 1^2 + 3^0 + 3^2 + 20^0 + 22^2 = 12 + 30 + 32 + 200 + 222$
$496 := 1^4 + 1^8 + 13^2 + 15^0 + 18^2 = 14 + 18 + 132 + 150 + 182$	$496 := 1^2 + 3^0 + 13^2 + 14^0 + 18^2 = 12 + 30 + 132 + 140 + 182$
$496 := 1^3 + 8^0 + 9^0 + 9^1 + 22^2 = 13 + 80 + 90 + 91 + 222$	$496 := 1^2 + 2^1 + 8^1 + 16^0 + 22^2 = 12 + 21 + 81 + 160 + 222$
$496 := 1^3 + 7^0 + 9^1 + 10^0 + 22^2 = 13 + 70 + 91 + 100 + 222$	$496 := 1^2 + 2^0 + 3^2 + 21^0 + 22^2 = 12 + 20 + 32 + 210 + 222$
$496 := 1^3 + 6^0 + 9^1 + 11^0 + 22^2 = 13 + 60 + 91 + 110 + 222$	$496 := 1^2 + 2^0 + 13^2 + 15^0 + 18^2 = 12 + 20 + 132 + 150 + 182$
$496 := 1^3 + 5^0 + 9^1 + 12^0 + 22^2 = 13 + 50 + 91 + 120 + 222$	$496 := 1^1 + 8^0 + 9^1 + 14^2 + 17^2 = 11 + 80 + 91 + 142 + 172$
$496 := 1^3 + 4^0 + 9^1 + 13^0 + 22^2 = 13 + 40 + 91 + 130 + 222$	$496 := 1^1 + 6^0 + 9^2 + 13^1 + 20^2 = 11 + 60 + 92 + 131 + 202$
$496 := 1^3 + 3^0 + 9^1 + 14^0 + 22^2 = 13 + 30 + 91 + 140 + 222$	$496 := 1^1 + 6^0 + 11^2 + 12^1 + 19^2 = 11 + 60 + 112 + 121 + 192$
$496 := 1^3 + 2^8 + 4^2 + 14^2 + 27^1 = 13 + 28 + 42 + 142 + 271$	$496 := 1^1 + 4^1 + 7^2 + 16^0 + 21^2 = 11 + 41 + 72 + 160 + 212$
$496 := 1^3 + 2^0 + 9^1 + 15^0 + 22^2 = 13 + 20 + 91 + 150 + 222$	$496 := 1^1 + 4^0 + 6^2 + 17^1 + 21^2 = 11 + 40 + 62 + 171 + 212$
$496 := 1^3 + 1^9 + 3^2 + 21^0 + 22^2 = 13 + 19 + 32 + 210 + 222$	$496 := 1^1 + 4^0 + 13^1 + 15^2 + 16^2 = 11 + 40 + 131 + 152 + 162$
$496 := 1^3 + 1^9 + 13^2 + 15^0 + 18^2 = 13 + 19 + 132 + 150 + 182$	$496 := 1^1 + 2^2 + 6^1 + 18^0 + 22^2 = 11 + 22 + 61 + 180 + 222$
$496 := 1^2 + 8^0 + 9^0 + 13^2 + 18^2 = 12 + 80 + 90 + 132 + 182$	$496 := 1^1 + 1^2 + 9^1 + 16^0 + 22^2 = 11 + 12 + 91 + 160 + 222$
$496 := 1^2 + 7^0 + 10^0 + 13^2 + 18^2 = 12 + 70 + 100 + 132 + 182$	$496 := 1^1 + 1^1 + 3^2 + 22^0 + 22^2 = 11 + 11 + 32 + 220 + 222$
$496 := 1^2 + 6^0 + 11^0 + 13^2 + 18^2 = 12 + 60 + 110 + 132 + 182$	$496 := 1^1 + 1^1 + 13^2 + 16^0 + 18^2 = 11 + 11 + 132 + 160 + 182$
$496 := 1^2 + 5^1 + 5^1 + 16^0 + 22^2 = 12 + 51 + 51 + 160 + 222$	$496 := 1^0 + 7^2 + 11^2 + 12^0 + 18^2 = 10 + 72 + 112 + 120 + 182$
$496 := 1^2 + 5^0 + 12^0 + 13^2 + 18^2 = 12 + 50 + 120 + 132 + 182$	$496 := 1^0 + 7^1 + 7^3 + 12^2 + 22^0 = 10 + 71 + 73 + 122 + 220$
$496 := 1^2 + 4^1 + 6^1 + 16^0 + 22^2 = 12 + 41 + 61 + 160 + 222$	$496 := 1^0 + 6^2 + 12^0 + 13^2 + 17^2 = 10 + 62 + 120 + 132 + 172$
$496 := 1^2 + 4^0 + 13^0 + 13^2 + 18^2 = 12 + 40 + 130 + 132 + 182$	$496 := 1^0 + 5^3 + 8^1 + 16^0 + 19^2 = 10 + 53 + 81 + 160 + 192$
$496 := 1^2 + 3^2 + 9^0 + 14^0 + 22^2 = 12 + 32 + 90 + 140 + 222$	$496 := 1^0 + 4^0 + 6^3 + 16^2 + 22^1 = 10 + 40 + 63 + 162 + 221$
$496 := 1^2 + 3^2 + 8^0 + 15^0 + 22^2 = 12 + 32 + 80 + 150 + 222$	$496 := 1^0 + 3^2 + 14^0 + 14^2 + 17^2 = 10 + 32 + 140 + 142 + 172$
$496 := 1^2 + 3^2 + 7^0 + 16^0 + 22^2 = 12 + 32 + 70 + 160 + 222$	$496 := 1^0 + 2^2 + 7^2 + 18^0 + 21^2 = 10 + 22 + 72 + 180 + 212$
$496 := 1^2 + 3^2 + 6^0 + 17^0 + 22^2 = 12 + 32 + 60 + 170 + 222$	$496 := 1^0 + 2^1 + 2^3 + 22^0 + 22^2 = 10 + 21 + 23 + 220 + 222$
$496 := 1^2 + 3^2 + 5^0 + 18^0 + 22^2 = 12 + 32 + 50 + 180 + 222$	$496 := 1^0 + 10^0 + 10^2 + 13^2 + 15^2 = 10 + 100 + 102 + 132 + 152$
$496 := 1^2 + 3^2 + 4^0 + 19^0 + 22^2 = 12 + 32 + 40 + 190 + 222$	$496 := 1^0 + 1^3 + 9^1 + 16^0 + 22^2 = 10 + 13 + 91 + 160 + 222$
$496 := 1^2 + 3^2 + 11^0 + 12^0 + 22^2 = 12 + 32 + 110 + 120 + 222$	$496 := 1^0 + 1^2 + 3^2 + 22^0 + 22^2 = 10 + 12 + 32 + 220 + 222$
$496 := 1^2 + 3^2 + 10^0 + 13^0 + 22^2 = 12 + 32 + 100 + 130 + 222$	$496 := 1^0 + 1^2 + 13^2 + 16^0 + 18^2 = 10 + 12 + 132 + 160 + 182$
$496 := 1^2 + 3^1 + 7^1 + 16^0 + 22^2 = 12 + 31 + 71 + 160 + 222$	

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$497 := 1^4 + 11^1 + 15^0 + 22^2 = 14 + 111 + 150 + 222$	$497 := 5^2 + 13^2 + 14^1 + 17^2 = 52 + 132 + 141 + 172$
$497 := 11^1 + 11^2 + 13^2 + 14^2 = 111 + 112 + 132 + 142$	$497 := 5^3 + 7^3 + 9^0 + 28^1 = 53 + 73 + 90 + 281$
$497 := 2^2 + 2^3 + 22^2 + 23^0 = 22 + 23 + 222 + 230$	$497 := 8^2 + 12^1 + 14^2 + 15^2 = 82 + 121 + 142 + 152$
$497 := 3^2 + 7^3 + 12^2 + 27^0 = 32 + 73 + 122 + 270$	$497 := 1^0 + 1^4 + 10^1 + 15^0 + 22^2 = 10 + 14 + 101 + 150 + 222$
$497 := 3^4 + 11^0 + 15^1 + 20^2 = 34 + 110 + 151 + 202$	$497 := 1^0 + 10^1 + 11^2 + 13^2 + 14^2 = 10 + 101 + 112 + 132 + 142$
$497 := 4^2 + 8^2 + 17^1 + 20^2 = 42 + 82 + 171 + 202$	$497 := 1^0 + 3^2 + 5^3 + 19^2 + 21^0 = 10 + 32 + 53 + 192 + 210$
$497 := 4^4 + 15^0 + 15^1 + 15^2 = 44 + 150 + 151 + 152$	$497 := 1^0 + 3^3 + 12^2 + 15^0 + 18^2 = 10 + 33 + 122 + 150 + 182$

$$\begin{aligned} 497 &:= 1^0 + 3^4 + 11^0 + 14^1 + 20^2 = 10 + 34 + 110 + 141 + 202 & 497 &:= 1^7 + 1^7 + 10^1 + 14^0 + 22^2 = 17 + 17 + 101 + 140 + 222 \\ 497 &:= 1^0 + 4^2 + 8^2 + 16^1 + 20^2 = 10 + 42 + 82 + 161 + 202 & 497 &:= 1^7 + 2^7 + 6^1 + 19^2 + 20^0 = 17 + 27 + 61 + 192 + 200 \\ 497 &:= 1^0 + 4^4 + 14^1 + 15^0 + 15^2 = 10 + 44 + 141 + 150 + 152 & 497 &:= 1^7 + 3^3 + 3^5 + 15^2 + 26^0 = 17 + 33 + 35 + 152 + 260 \\ 497 &:= 1^0 + 5^2 + 13^1 + 13^2 + 17^2 = 10 + 52 + 131 + 132 + 172 & 497 &:= 1^8 + 3^4 + 5^3 + 17^2 + 22^0 = 18 + 34 + 53 + 172 + 220 \\ 497 &:= 1^0 + 5^3 + 7^3 + 9^0 + 27^1 = 10 + 53 + 73 + 90 + 271 & 497 &:= 1^9 + 2^0 + 2^5 + 21^2 + 22^1 = 19 + 20 + 25 + 212 + 221 \\ 497 &:= 1^0 + 5^3 + 9^2 + 17^0 + 17^2 = 10 + 53 + 92 + 170 + 172 & 497 &:= 1^9 + 2^0 + 3^5 + 15^2 + 27^1 = 19 + 20 + 35 + 152 + 271 \\ 497 &:= 1^0 + 8^2 + 11^1 + 14^2 + 15^2 = 10 + 82 + 111 + 142 + 152 & 497 &:= 1^9 + 2^3 + 7^3 + 12^2 + 26^0 = 19 + 23 + 73 + 122 + 260 \\ 497 &:= 1^1 + 1^3 + 10^1 + 15^0 + 22^2 = 11 + 13 + 101 + 150 + 222 & 497 &:= 1^9 + 3^3 + 3^3 + 20^0 + 21^2 = 19 + 33 + 33 + 200 + 212 \\ 497 &:= 1^1 + 2^3 + 3^1 + 21^0 + 22^2 = 11 + 23 + 31 + 210 + 222 & 497 &:= 1^9 + 4^4 + 6^3 + 14^0 + 23^1 = 19 + 44 + 63 + 140 + 231 \\ 497 &:= 1^1 + 3^0 + 6^3 + 16^2 + 23^1 = 11 + 30 + 63 + 162 + 231 & 497 &:= 2^0 + 3^2 + 5^3 + 19^2 + 20^0 = 20 + 32 + 53 + 192 + 200 \\ 497 &:= 1^1 + 5^3 + 9^1 + 15^0 + 19^2 = 11 + 53 + 91 + 150 + 192 & 497 &:= 2^0 + 3^3 + 12^2 + 14^0 + 18^2 = 20 + 33 + 122 + 140 + 182 \\ 497 &:= 1^1 + 7^3 + 8^1 + 12^2 + 21^0 = 11 + 73 + 81 + 122 + 210 & 497 &:= 2^0 + 3^4 + 10^0 + 14^1 + 20^2 = 20 + 34 + 100 + 141 + 202 \\ 497 &:= 1^2 + 1^2 + 10^1 + 15^0 + 22^2 = 12 + 12 + 101 + 150 + 222 & 497 &:= 2^0 + 4^4 + 14^0 + 14^1 + 15^2 = 20 + 44 + 140 + 141 + 152 \\ 497 &:= 1^2 + 2^1 + 13^2 + 15^0 + 18^2 = 12 + 21 + 132 + 150 + 182 & 497 &:= 2^0 + 5^3 + 7^3 + 8^0 + 27^1 = 20 + 53 + 73 + 80 + 271 \\ 497 &:= 1^2 + 2^1 + 3^2 + 21^0 + 22^2 = 12 + 21 + 32 + 210 + 222 & 497 &:= 2^0 + 5^3 + 9^2 + 16^0 + 17^2 = 20 + 53 + 92 + 160 + 172 \\ 497 &:= 1^2 + 2^2 + 7^1 + 17^0 + 22^2 = 12 + 22 + 71 + 170 + 222 & 497 &:= 2^1 + 2^1 + 2^3 + 21^0 + 22^2 = 21 + 21 + 23 + 210 + 222 \\ 497 &:= 1^2 + 3^0 + 14^1 + 15^2 + 16^2 = 12 + 30 + 141 + 152 + 162 & 497 &:= 2^1 + 2^2 + 7^2 + 17^0 + 21^2 = 21 + 22 + 72 + 170 + 212 \\ 497 &:= 1^2 + 3^0 + 6^2 + 18^1 + 21^2 = 12 + 30 + 62 + 181 + 212 & 497 &:= 2^1 + 3^0 + 6^3 + 16^2 + 22^1 = 21 + 30 + 63 + 162 + 221 \\ 497 &:= 1^2 + 5^0 + 11^2 + 13^1 + 19^2 = 12 + 50 + 112 + 131 + 192 & 497 &:= 2^1 + 3^2 + 13^0 + 14^2 + 17^2 = 21 + 32 + 130 + 142 + 172 \\ 497 &:= 1^2 + 5^0 + 9^2 + 14^1 + 20^2 = 12 + 50 + 92 + 141 + 202 & 497 &:= 2^1 + 5^3 + 8^1 + 15^0 + 19^2 = 21 + 53 + 81 + 150 + 192 \\ 497 &:= 1^2 + 5^1 + 7^2 + 15^0 + 21^2 = 12 + 51 + 72 + 150 + 212 & 497 &:= 2^1 + 6^2 + 11^0 + 13^2 + 17^2 = 21 + 62 + 110 + 132 + 172 \\ 497 &:= 1^2 + 7^0 + 10^1 + 14^2 + 17^2 = 12 + 70 + 101 + 142 + 172 & 497 &:= 2^1 + 7^1 + 7^3 + 12^2 + 21^0 = 21 + 71 + 73 + 122 + 210 \\ 497 &:= 1^3 + 2^1 + 9^1 + 15^0 + 22^2 = 13 + 21 + 91 + 150 + 222 & 497 &:= 2^1 + 7^2 + 11^0 + 11^2 + 18^2 = 21 + 72 + 110 + 112 + 182 \\ 497 &:= 1^3 + 3^1 + 8^1 + 15^0 + 22^2 = 13 + 31 + 81 + 150 + 222 & 497 &:= 2^1 + 9^0 + 10^2 + 13^2 + 15^2 = 21 + 90 + 102 + 132 + 152 \\ 497 &:= 1^3 + 4^1 + 7^1 + 15^0 + 22^2 = 13 + 41 + 71 + 150 + 222 & 497 &:= 2^2 + 2^2 + 4^1 + 19^0 + 22^2 = 22 + 22 + 41 + 190 + 222 \\ 497 &:= 1^3 + 5^1 + 6^1 + 15^0 + 22^2 = 13 + 51 + 61 + 150 + 222 & 497 &:= 2^2 + 5^0 + 11^1 + 15^2 + 16^2 = 22 + 50 + 111 + 152 + 162 \\ 497 &:= 1^4 + 2^0 + 10^1 + 14^0 + 22^2 = 14 + 20 + 101 + 140 + 222 & 497 &:= 2^2 + 5^0 + 6^2 + 15^1 + 21^2 = 22 + 50 + 62 + 151 + 212 \\ 497 &:= 1^4 + 3^0 + 10^1 + 13^0 + 22^2 = 14 + 30 + 101 + 130 + 222 & 497 &:= 2^2 + 7^0 + 10^1 + 11^2 + 19^2 = 22 + 70 + 101 + 112 + 192 \\ 497 &:= 1^4 + 4^0 + 10^1 + 12^0 + 22^2 = 14 + 40 + 101 + 120 + 222 & 497 &:= 2^2 + 7^0 + 9^2 + 11^1 + 20^2 = 22 + 70 + 92 + 111 + 202 \\ 497 &:= 1^4 + 5^0 + 10^1 + 11^0 + 22^2 = 14 + 50 + 101 + 110 + 222 & 497 &:= 2^2 + 7^1 + 9^0 + 14^2 + 17^2 = 22 + 71 + 90 + 142 + 172 \\ 497 &:= 1^4 + 6^0 + 10^0 + 10^1 + 22^2 = 14 + 60 + 100 + 101 + 222 & 497 &:= 2^5 + 2^5 + 2^5 + 20^2 + 22^0 = 25 + 25 + 25 + 202 + 220 \\ 497 &:= 1^4 + 7^0 + 9^0 + 10^1 + 22^2 = 14 + 70 + 90 + 101 + 222 & 497 &:= 2^5 + 2^8 + 8^2 + 12^2 + 24^0 = 25 + 28 + 82 + 122 + 240 \\ 497 &:= 1^4 + 8^0 + 8^0 + 10^1 + 22^2 = 14 + 80 + 80 + 101 + 222 & 497 &:= 2^6 + 2^8 + 7^1 + 13^2 + 24^0 = 26 + 28 + 71 + 132 + 240 \\ 497 &:= 1^5 + 1^9 + 10^1 + 14^0 + 22^2 = 15 + 19 + 101 + 140 + 222 & 497 &:= 2^7 + 2^7 + 14^0 + 15^1 + 15^2 = 27 + 27 + 140 + 151 + 152 \\ 497 &:= 1^5 + 2^8 + 6^3 + 16^0 + 23^1 = 15 + 28 + 63 + 160 + 231 & 497 &:= 3^0 + 3^1 + 6^3 + 16^2 + 21^1 = 30 + 31 + 63 + 162 + 211 \\ 497 &:= 1^6 + 1^8 + 10^1 + 14^0 + 22^2 = 16 + 18 + 101 + 140 + 222 & 497 &:= 3^0 + 3^2 + 5^3 + 19^0 + 19^2 = 30 + 32 + 53 + 190 + 192 \\ 497 &:= 1^6 + 2^7 + 7^3 + 14^0 + 24^1 = 16 + 27 + 73 + 140 + 241 & 497 &:= 3^0 + 3^3 + 12^2 + 13^0 + 18^2 = 30 + 33 + 122 + 130 + 182 \\ 497 &:= 1^6 + 2^8 + 14^1 + 15^2 + 16^0 = 16 + 28 + 141 + 152 + 160 & 497 &:= 3^0 + 3^4 + 9^0 + 14^1 + 20^2 = 30 + 34 + 90 + 141 + 202 \end{aligned}$$

$$\begin{aligned}
 497 &:= 3^0 + 4^1 + 6^3 + 16^2 + 20^1 = 30 + 41 + 63 + 162 + 201 & 497 &:= 3^3 + 8^0 + 8^0 + 12^2 + 18^2 = 33 + 80 + 80 + 122 + 182 \\
 497 &:= 3^0 + 4^2 + 12^1 + 12^2 + 18^2 = 30 + 42 + 121 + 122 + 182 & 497 &:= 3^4 + 4^0 + 8^0 + 14^1 + 20^2 = 34 + 40 + 80 + 141 + 202 \\
 497 &:= 3^0 + 4^4 + 13^0 + 14^1 + 15^2 = 30 + 44 + 130 + 141 + 152 & 497 &:= 3^4 + 5^0 + 7^0 + 14^1 + 20^2 = 34 + 50 + 70 + 141 + 202 \\
 497 &:= 3^0 + 5^1 + 6^3 + 16^2 + 19^1 = 30 + 51 + 63 + 162 + 191 & 497 &:= 3^4 + 6^0 + 6^0 + 14^1 + 20^2 = 34 + 60 + 60 + 141 + 202 \\
 497 &:= 3^0 + 5^3 + 7^0 + 7^3 + 27^1 = 30 + 53 + 70 + 73 + 271 & 497 &:= 4^0 + 4^4 + 12^0 + 14^1 + 15^2 = 40 + 44 + 120 + 141 + 152 \\
 497 &:= 3^0 + 5^3 + 9^2 + 15^0 + 17^2 = 30 + 53 + 92 + 150 + 172 & 497 &:= 4^0 + 5^3 + 6^0 + 7^3 + 27^1 = 40 + 53 + 60 + 73 + 271 \\
 497 &:= 3^0 + 6^1 + 6^3 + 16^2 + 18^1 = 30 + 61 + 63 + 162 + 181 & 497 &:= 4^0 + 5^3 + 9^2 + 14^0 + 17^2 = 40 + 53 + 92 + 140 + 172 \\
 497 &:= 3^0 + 6^2 + 10^1 + 15^2 + 15^2 = 30 + 62 + 101 + 152 + 152 & 497 &:= 4^1 + 5^1 + 7^3 + 12^2 + 21^0 = 41 + 51 + 73 + 122 + 210 \\
 497 &:= 3^0 + 6^3 + 10^1 + 14^1 + 16^2 = 30 + 63 + 101 + 141 + 162 & 497 &:= 4^1 + 5^3 + 6^1 + 15^0 + 19^2 = 41 + 53 + 61 + 150 + 192 \\
 497 &:= 3^0 + 6^3 + 11^1 + 13^1 + 16^2 = 30 + 63 + 111 + 131 + 162 & 497 &:= 4^1 + 7^0 + 10^2 + 14^2 + 14^2 = 41 + 70 + 102 + 142 + 142 \\
 497 &:= 3^0 + 6^3 + 12^1 + 12^1 + 16^2 = 30 + 63 + 121 + 121 + 162 & 497 &:= 4^2 + 5^0 + 5^2 + 14^1 + 21^2 = 42 + 50 + 52 + 141 + 212 \\
 497 &:= 3^0 + 6^3 + 7^1 + 16^2 + 17^1 = 30 + 63 + 71 + 162 + 171 & 497 &:= 4^4 + 5^0 + 11^0 + 14^1 + 15^2 = 44 + 50 + 110 + 141 + 152 \\
 497 &:= 3^0 + 6^3 + 8^1 + 16^1 + 16^2 = 30 + 63 + 81 + 161 + 162 & 497 &:= 4^4 + 6^0 + 10^0 + 14^1 + 15^2 = 44 + 60 + 100 + 141 + 152 \\
 497 &:= 3^0 + 6^3 + 9^1 + 15^1 + 16^2 = 30 + 63 + 91 + 151 + 162 & 497 &:= 4^4 + 7^0 + 9^0 + 14^1 + 15^2 = 44 + 70 + 90 + 141 + 152 \\
 497 &:= 3^0 + 9^2 + 9^2 + 10^1 + 18^2 = 30 + 92 + 92 + 101 + 182 & 497 &:= 4^4 + 8^0 + 8^0 + 14^1 + 15^2 = 44 + 80 + 80 + 141 + 152 \\
 497 &:= 3^1 + 4^2 + 6^2 + 15^0 + 21^2 = 31 + 42 + 62 + 150 + 212 & 497 &:= 5^0 + 5^0 + 5^3 + 7^3 + 27^1 = 50 + 50 + 53 + 73 + 271 \\
 497 &:= 3^1 + 5^2 + 11^0 + 12^2 + 18^2 = 31 + 52 + 110 + 122 + 182 & 497 &:= 5^0 + 5^2 + 10^1 + 10^2 + 19^2 = 50 + 52 + 101 + 102 + 192 \\
 497 &:= 3^1 + 5^3 + 7^1 + 15^0 + 19^2 = 31 + 53 + 71 + 150 + 192 & 497 &:= 5^0 + 5^3 + 9^2 + 13^0 + 17^2 = 50 + 53 + 92 + 130 + 172 \\
 497 &:= 3^1 + 6^1 + 7^3 + 12^2 + 21^0 = 31 + 61 + 73 + 122 + 210 & 497 &:= 5^0 + 6^1 + 11^2 + 12^2 + 15^2 = 50 + 61 + 112 + 122 + 152 \\
 497 &:= 3^2 + 4^0 + 5^3 + 18^0 + 19^2 = 32 + 40 + 53 + 180 + 192 & 497 &:= 5^0 + 6^2 + 7^2 + 11^1 + 20^2 = 50 + 62 + 72 + 111 + 202 \\
 497 &:= 3^2 + 5^0 + 5^3 + 17^0 + 19^2 = 32 + 50 + 53 + 170 + 192 & 497 &:= 5^0 + 6^2 + 8^1 + 14^2 + 16^2 = 50 + 62 + 81 + 142 + 162 \\
 497 &:= 3^2 + 5^1 + 11^0 + 11^2 + 19^2 = 32 + 51 + 110 + 112 + 192 & 497 &:= 5^0 + 7^1 + 10^2 + 10^2 + 17^2 = 50 + 71 + 102 + 102 + 172 \\
 497 &:= 3^2 + 5^3 + 10^0 + 12^0 + 19^2 = 32 + 53 + 100 + 120 + 192 & 497 &:= 5^0 + 7^1 + 8^2 + 13^2 + 16^2 = 50 + 71 + 82 + 132 + 162 \\
 497 &:= 3^2 + 5^3 + 11^0 + 11^0 + 19^2 = 32 + 53 + 110 + 110 + 192 & 497 &:= 5^0 + 8^1 + 8^2 + 10^2 + 18^2 = 50 + 81 + 82 + 102 + 182 \\
 497 &:= 3^2 + 5^3 + 6^0 + 16^0 + 19^2 = 32 + 53 + 60 + 160 + 192 & 497 &:= 5^1 + 5^1 + 5^3 + 15^0 + 19^2 = 51 + 51 + 53 + 150 + 192 \\
 497 &:= 3^2 + 5^3 + 7^0 + 15^0 + 19^2 = 32 + 53 + 70 + 150 + 192 & 497 &:= 5^1 + 5^2 + 5^2 + 13^0 + 21^2 = 51 + 52 + 52 + 130 + 212 \\
 497 &:= 3^2 + 5^3 + 8^0 + 14^0 + 19^2 = 32 + 53 + 80 + 140 + 192 & 497 &:= 5^1 + 7^0 + 9^2 + 11^2 + 17^2 = 51 + 70 + 92 + 112 + 172 \\
 497 &:= 3^2 + 5^3 + 9^0 + 13^0 + 19^2 = 32 + 53 + 90 + 130 + 192 & 497 &:= 5^1 + 7^2 + 9^0 + 9^2 + 19^2 = 51 + 72 + 90 + 92 + 192 \\
 497 &:= 3^2 + 6^1 + 9^0 + 15^2 + 16^2 = 32 + 61 + 90 + 152 + 162 & 497 &:= 5^2 + 7^1 + 8^2 + 9^0 + 20^2 = 52 + 71 + 82 + 90 + 202 \\
 497 &:= 3^2 + 6^1 + 9^2 + 11^0 + 20^2 = 32 + 61 + 92 + 110 + 202 & 497 &:= 5^3 + 6^0 + 9^2 + 12^0 + 17^2 = 53 + 60 + 92 + 120 + 172 \\
 497 &:= 3^2 + 6^2 + 9^0 + 10^1 + 21^2 = 32 + 62 + 90 + 101 + 212 & 497 &:= 5^3 + 7^0 + 9^2 + 11^0 + 17^2 = 53 + 70 + 92 + 110 + 172 \\
 497 &:= 3^3 + 4^0 + 12^0 + 12^2 + 18^2 = 33 + 40 + 120 + 122 + 182 & 497 &:= 5^3 + 8^0 + 9^2 + 10^0 + 17^2 = 53 + 80 + 92 + 100 + 172 \\
 497 &:= 3^3 + 5^0 + 11^0 + 12^2 + 18^2 = 33 + 50 + 110 + 122 + 182 & 497 &:= 5^3 + 9^0 + 9^0 + 9^2 + 17^2 = 53 + 90 + 90 + 92 + 172 \\
 497 &:= 3^3 + 6^0 + 10^0 + 12^2 + 18^2 = 33 + 60 + 100 + 122 + 182 & 497 &:= 7^0 + 7^1 + 8^2 + 8^2 + 19^2 = 70 + 71 + 82 + 82 + 192 \\
 497 &:= 3^3 + 7^0 + 9^0 + 12^2 + 18^2 = 33 + 70 + 90 + 122 + 182
 \end{aligned}$$

2.2.399 Number 498

$$\begin{aligned}
 498 &:= 1^5 + 12^1 + 14^0 + 22^2 = 15 + 121 + 140 + 222 \\
 498 &:= 1^9 + 3^5 + 6^3 + 38^1 = 19 + 35 + 63 + 381 \\
 498 &:= 2^0 + 2^5 + 21^2 + 24^1 = 20 + 25 + 212 + 241 \\
 498 &:= 2^0 + 3^5 + 15^2 + 29^1 = 20 + 35 + 152 + 291 \\
 498 &:= 2^4 + 15^2 + 16^0 + 16^2 = 24 + 152 + 160 + 162 \\
 498 &:= 2^4 + 9^2 + 18^0 + 20^2 = 24 + 92 + 180 + 202 \\
 498 &:= 3^4 + 4^2 + 20^2 + 22^0 = 34 + 42 + 202 + 220 \\
 498 &:= 4^2 + 4^4 + 15^2 + 26^0 = 42 + 44 + 152 + 260 \\
 498 &:= 4^4 + 6^3 + 14^0 + 25^1 = 44 + 63 + 140 + 251 \\
 498 &:= 1^0 + 1^5 + 11^1 + 14^0 + 22^2 = 10 + 15 + 111 + 140 + 222 \\
 498 &:= 1^0 + 2^0 + 2^5 + 21^2 + 23^1 = 10 + 20 + 25 + 212 + 231 \\
 498 &:= 1^0 + 4^4 + 6^3 + 14^0 + 24^1 = 10 + 44 + 63 + 140 + 241 \\
 498 &:= 1^1 + 1^4 + 11^1 + 14^0 + 22^2 = 11 + 14 + 111 + 140 + 222 \\
 498 &:= 1^1 + 1^9 + 2^5 + 21^2 + 23^1 = 11 + 19 + 25 + 212 + 231 \\
 498 &:= 1^1 + 2^2 + 2^3 + 22^0 + 22^2 = 11 + 22 + 23 + 220 + 222 \\
 498 &:= 1^1 + 3^2 + 7^3 + 12^2 + 26^0 = 11 + 32 + 73 + 122 + 260 \\
 498 &:= 1^1 + 3^4 + 10^0 + 15^1 + 20^2 = 11 + 34 + 100 + 151 + 202 \\
 498 &:= 1^1 + 4^4 + 14^0 + 15^1 + 15^2 = 11 + 44 + 140 + 151 + 152 \\
 498 &:= 1^2 + 1^3 + 11^1 + 14^0 + 22^2 = 12 + 13 + 111 + 140 + 222 \\
 498 &:= 1^2 + 1^8 + 2^5 + 21^2 + 23^1 = 12 + 18 + 25 + 212 + 231 \\
 498 &:= 1^2 + 2^0 + 6^3 + 16^2 + 24^1 = 12 + 20 + 63 + 162 + 241 \\
 498 &:= 1^2 + 2^3 + 4^1 + 20^0 + 22^2 = 12 + 23 + 41 + 200 + 222 \\
 498 &:= 1^2 + 5^3 + 10^1 + 14^0 + 19^2 = 12 + 53 + 101 + 140 + 192 \\
 498 &:= 1^2 + 7^3 + 9^1 + 12^2 + 20^0 = 12 + 73 + 91 + 122 + 200 \\
 498 &:= 1^3 + 1^7 + 2^5 + 21^2 + 23^1 = 13 + 17 + 25 + 212 + 231 \\
 498 &:= 1^3 + 1^9 + 6^3 + 16^2 + 24^1 = 13 + 19 + 63 + 162 + 241 \\
 498 &:= 1^3 + 2^0 + 15^1 + 15^2 + 16^2 = 13 + 20 + 151 + 152 + 162 \\
 498 &:= 1^3 + 2^0 + 6^2 + 19^1 + 21^2 = 13 + 20 + 62 + 191 + 212 \\
 498 &:= 1^3 + 2^2 + 8^1 + 16^0 + 22^2 = 13 + 22 + 81 + 160 + 222 \\
 498 &:= 1^3 + 3^1 + 13^2 + 14^0 + 18^2 = 13 + 31 + 132 + 140 + 182 \\
 498 &:= 1^3 + 3^1 + 3^2 + 20^0 + 22^2 = 13 + 31 + 32 + 200 + 222 \\
 498 &:= 1^3 + 4^0 + 11^2 + 14^1 + 19^2 = 13 + 40 + 112 + 141 + 192 \\
 498 &:= 1^3 + 4^0 + 9^2 + 15^1 + 20^2 = 13 + 40 + 92 + 151 + 202 \\
 498 &:= 1^3 + 6^0 + 11^1 + 14^2 + 17^2 = 13 + 60 + 111 + 142 + 172 \\
 498 &:= 1^3 + 6^1 + 7^2 + 14^0 + 21^2 = 13 + 61 + 72 + 140 + 212 \\
 498 &:= 1^4 + 1^6 + 2^5 + 21^2 + 23^1 = 14 + 16 + 25 + 212 + 231 \\
 498 &:= 1^4 + 1^8 + 6^3 + 16^2 + 24^1 = 14 + 18 + 63 + 162 + 241 \\
 498 &:= 1^4 + 1^9 + 15^1 + 15^2 + 16^2 = 14 + 19 + 151 + 152 + 162
 \end{aligned}$$

$$\begin{aligned}
 498 &:= 1^4 + 1^9 + 6^2 + 19^1 + 21^2 = 14 + 19 + 62 + 191 + 212 \\
 498 &:= 1^4 + 2^1 + 10^1 + 14^0 + 22^2 = 14 + 21 + 101 + 140 + 222 \\
 498 &:= 1^4 + 3^1 + 9^1 + 14^0 + 22^2 = 14 + 31 + 91 + 140 + 222 \\
 498 &:= 1^4 + 4^1 + 8^1 + 14^0 + 22^2 = 14 + 41 + 81 + 140 + 222 \\
 498 &:= 1^4 + 5^1 + 7^1 + 14^0 + 22^2 = 14 + 51 + 71 + 140 + 222 \\
 498 &:= 1^4 + 6^1 + 6^1 + 14^0 + 22^2 = 14 + 61 + 61 + 140 + 222 \\
 498 &:= 1^5 + 1^5 + 2^5 + 21^2 + 23^1 = 15 + 15 + 25 + 212 + 231 \\
 498 &:= 1^5 + 1^7 + 6^3 + 16^2 + 24^1 = 15 + 17 + 63 + 162 + 241 \\
 498 &:= 1^5 + 1^8 + 15^1 + 15^2 + 16^2 = 15 + 18 + 151 + 152 + 162 \\
 498 &:= 1^5 + 1^8 + 6^2 + 19^1 + 21^2 = 15 + 18 + 62 + 191 + 212 \\
 498 &:= 1^5 + 2^0 + 11^1 + 13^0 + 22^2 = 15 + 20 + 111 + 130 + 222 \\
 498 &:= 1^5 + 2^5 + 2^6 + 20^2 + 23^0 = 15 + 25 + 26 + 202 + 230 \\
 498 &:= 1^5 + 3^0 + 11^1 + 12^0 + 22^2 = 15 + 30 + 111 + 120 + 222 \\
 498 &:= 1^5 + 4^0 + 11^0 + 11^1 + 22^2 = 15 + 40 + 110 + 111 + 222 \\
 498 &:= 1^5 + 5^0 + 10^0 + 11^1 + 22^2 = 15 + 50 + 100 + 111 + 222 \\
 498 &:= 1^5 + 6^0 + 9^0 + 11^1 + 22^2 = 15 + 60 + 90 + 111 + 222 \\
 498 &:= 1^5 + 7^0 + 8^0 + 11^1 + 22^2 = 15 + 70 + 80 + 111 + 222 \\
 498 &:= 1^6 + 1^6 + 6^3 + 16^2 + 24^1 = 16 + 16 + 63 + 162 + 241 \\
 498 &:= 1^6 + 1^7 + 15^1 + 15^2 + 16^2 = 16 + 17 + 151 + 152 + 162 \\
 498 &:= 1^6 + 1^7 + 6^2 + 19^1 + 21^2 = 16 + 17 + 62 + 191 + 212 \\
 498 &:= 1^6 + 1^9 + 11^1 + 13^0 + 22^2 = 16 + 19 + 111 + 130 + 222 \\
 498 &:= 1^6 + 2^5 + 3^4 + 19^2 + 23^1 = 16 + 25 + 34 + 192 + 231 \\
 498 &:= 1^6 + 2^8 + 6^3 + 15^0 + 24^1 = 16 + 28 + 63 + 150 + 241 \\
 498 &:= 1^7 + 1^8 + 11^1 + 13^0 + 22^2 = 17 + 18 + 111 + 130 + 222 \\
 498 &:= 1^7 + 2^5 + 6^3 + 15^2 + 24^1 = 17 + 25 + 63 + 152 + 241 \\
 498 &:= 1^7 + 2^7 + 7^3 + 13^0 + 25^1 = 17 + 27 + 73 + 130 + 251 \\
 498 &:= 1^7 + 2^8 + 15^0 + 15^1 + 15^2 = 17 + 28 + 150 + 151 + 152 \\
 498 &:= 1^8 + 2^5 + 15^1 + 15^2 + 15^2 = 18 + 25 + 151 + 152 + 152 \\
 498 &:= 1^8 + 2^5 + 4^3 + 20^2 + 21^0 = 18 + 25 + 43 + 202 + 210 \\
 498 &:= 1^8 + 2^5 + 7^3 + 11^2 + 27^0 = 18 + 25 + 73 + 112 + 270 \\
 498 &:= 1^8 + 2^7 + 7^1 + 19^0 + 19^2 = 18 + 27 + 71 + 190 + 192 \\
 498 &:= 1^8 + 3^5 + 6^3 + 11^1 + 27^1 = 18 + 35 + 63 + 111 + 271 \\
 498 &:= 1^8 + 3^5 + 6^3 + 12^1 + 26^1 = 18 + 35 + 63 + 121 + 261 \\
 498 &:= 1^8 + 3^5 + 6^3 + 13^1 + 25^1 = 18 + 35 + 63 + 131 + 251 \\
 498 &:= 1^8 + 3^5 + 6^3 + 14^1 + 24^1 = 18 + 35 + 63 + 141 + 241 \\
 498 &:= 1^8 + 3^5 + 6^3 + 15^1 + 23^1 = 18 + 35 + 63 + 151 + 231 \\
 498 &:= 1^8 + 3^5 + 6^3 + 16^1 + 22^1 = 18 + 35 + 63 + 161 + 221 \\
 498 &:= 1^8 + 3^5 + 6^3 + 17^1 + 21^1 = 18 + 35 + 63 + 171 + 211
 \end{aligned}$$

$$\begin{aligned} 498 &:= 1^8 + 3^5 + 6^3 + 18^1 + 20^1 = 18 + 35 + 63 + 181 + 201 \\ 498 &:= 1^8 + 3^5 + 6^3 + 19^1 + 19^1 = 18 + 35 + 63 + 191 + 191 \\ 498 &:= 1^9 + 2^1 + 2^5 + 21^2 + 22^1 = 19 + 21 + 25 + 212 + 221 \\ 498 &:= 1^9 + 2^1 + 3^5 + 15^2 + 27^1 = 19 + 21 + 35 + 152 + 271 \\ 498 &:= 1^9 + 2^3 + 3^3 + 21^1 + 21^2 = 19 + 23 + 33 + 211 + 212 \\ 498 &:= 1^9 + 2^4 + 8^2 + 17^1 + 20^2 = 19 + 24 + 82 + 171 + 202 \\ 498 &:= 1^9 + 2^5 + 10^1 + 14^1 + 21^2 = 19 + 25 + 101 + 141 + 212 \\ 498 &:= 1^9 + 2^5 + 11^1 + 13^1 + 21^2 = 19 + 25 + 111 + 131 + 212 \\ 498 &:= 1^9 + 2^5 + 12^1 + 12^1 + 21^2 = 19 + 25 + 121 + 121 + 212 \\ 498 &:= 1^9 + 2^5 + 3^1 + 21^1 + 21^2 = 19 + 25 + 31 + 211 + 212 \\ 498 &:= 1^9 + 2^5 + 4^1 + 20^1 + 21^2 = 19 + 25 + 41 + 201 + 212 \\ 498 &:= 1^9 + 2^5 + 5^1 + 19^1 + 21^2 = 19 + 25 + 51 + 191 + 212 \\ 498 &:= 1^9 + 2^5 + 6^1 + 18^1 + 21^2 = 19 + 25 + 61 + 181 + 212 \\ 498 &:= 1^9 + 2^5 + 7^1 + 17^1 + 21^2 = 19 + 25 + 71 + 171 + 212 \\ 498 &:= 1^9 + 2^5 + 8^1 + 16^1 + 21^2 = 19 + 25 + 81 + 161 + 212 \\ 498 &:= 1^9 + 2^5 + 8^2 + 17^0 + 20^2 = 19 + 25 + 82 + 170 + 202 \\ 498 &:= 1^9 + 2^5 + 9^1 + 15^1 + 21^2 = 19 + 25 + 91 + 151 + 212 \\ 498 &:= 1^9 + 3^1 + 3^5 + 15^2 + 26^1 = 19 + 31 + 35 + 152 + 261 \\ 498 &:= 1^9 + 3^3 + 5^3 + 18^2 + 21^1 = 19 + 33 + 53 + 182 + 211 \\ 498 &:= 1^9 + 3^3 + 7^3 + 10^2 + 27^1 = 19 + 33 + 73 + 102 + 271 \\ 498 &:= 1^9 + 3^4 + 12^2 + 16^1 + 16^2 = 19 + 34 + 122 + 161 + 162 \\ 498 &:= 1^9 + 3^4 + 6^2 + 19^1 + 19^2 = 19 + 34 + 62 + 191 + 192 \\ 498 &:= 1^9 + 3^5 + 10^1 + 15^2 + 19^1 = 19 + 35 + 101 + 152 + 191 \\ 498 &:= 1^9 + 3^5 + 11^1 + 15^2 + 18^1 = 19 + 35 + 111 + 152 + 181 \\ 498 &:= 1^9 + 3^5 + 12^1 + 15^2 + 17^1 = 19 + 35 + 121 + 152 + 171 \\ 498 &:= 1^9 + 3^5 + 13^1 + 15^2 + 16^1 = 19 + 35 + 131 + 152 + 161 \\ 498 &:= 1^9 + 3^5 + 14^1 + 15^1 + 15^2 = 19 + 35 + 141 + 151 + 152 \\ 498 &:= 1^9 + 3^5 + 4^1 + 15^2 + 25^1 = 19 + 35 + 41 + 152 + 251 \\ 498 &:= 1^9 + 3^5 + 5^1 + 15^2 + 24^1 = 19 + 35 + 51 + 152 + 241 \\ 498 &:= 1^9 + 3^5 + 6^1 + 15^2 + 23^1 = 19 + 35 + 61 + 152 + 231 \\ 498 &:= 1^9 + 3^5 + 7^1 + 15^2 + 22^1 = 19 + 35 + 71 + 152 + 221 \\ 498 &:= 1^9 + 3^5 + 8^1 + 15^2 + 21^1 = 19 + 35 + 81 + 152 + 211 \\ 498 &:= 1^9 + 3^5 + 9^1 + 15^2 + 20^1 = 19 + 35 + 91 + 152 + 201 \\ 498 &:= 1^9 + 4^4 + 7^2 + 13^2 + 23^1 = 19 + 44 + 72 + 132 + 231 \\ 498 &:= 1^9 + 5^3 + 5^3 + 15^2 + 22^1 = 19 + 53 + 53 + 152 + 221 \\ 498 &:= 2^0 + 3^2 + 3^3 + 20^1 + 21^2 = 20 + 32 + 33 + 201 + 212 \\ 498 &:= 2^0 + 4^4 + 6^3 + 13^0 + 24^1 = 20 + 44 + 63 + 130 + 241 \\ 498 &:= 2^0 + 5^3 + 10^2 + 16^1 + 16^2 = 20 + 53 + 102 + 161 + 162 \end{aligned}$$

$$\begin{aligned} 498 &:= 2^0 + 6^2 + 6^3 + 15^2 + 20^1 = 20 + 62 + 63 + 152 + 201 \\ 498 &:= 2^0 + 6^3 + 6^3 + 8^2 + 27^0 = 20 + 63 + 63 + 82 + 270 \\ 498 &:= 2^0 + 7^2 + 7^3 + 9^2 + 24^1 = 20 + 72 + 73 + 92 + 241 \\ 498 &:= 2^1 + 3^2 + 5^3 + 19^2 + 20^0 = 21 + 32 + 53 + 192 + 200 \\ 498 &:= 2^1 + 3^3 + 12^2 + 14^0 + 18^2 = 21 + 33 + 122 + 140 + 182 \\ 498 &:= 2^1 + 3^4 + 10^0 + 14^1 + 20^2 = 21 + 34 + 100 + 141 + 202 \\ 498 &:= 2^1 + 4^4 + 14^0 + 14^1 + 15^2 = 21 + 44 + 140 + 141 + 152 \\ 498 &:= 2^1 + 5^3 + 7^3 + 8^0 + 27^1 = 21 + 53 + 73 + 80 + 271 \\ 498 &:= 2^1 + 5^3 + 9^2 + 16^0 + 17^2 = 21 + 53 + 92 + 160 + 172 \\ 498 &:= 2^2 + 4^0 + 6^3 + 16^2 + 21^1 = 22 + 40 + 63 + 162 + 211 \\ 498 &:= 2^2 + 4^2 + 6^2 + 16^0 + 21^2 = 22 + 42 + 62 + 160 + 212 \\ 498 &:= 2^2 + 5^2 + 12^0 + 12^2 + 18^2 = 22 + 52 + 120 + 122 + 182 \\ 498 &:= 2^2 + 5^3 + 7^1 + 16^0 + 19^2 = 22 + 53 + 71 + 160 + 192 \\ 498 &:= 2^2 + 6^1 + 7^3 + 12^2 + 22^0 = 22 + 61 + 73 + 122 + 220 \\ 498 &:= 2^3 + 4^1 + 12^0 + 14^2 + 17^2 = 23 + 41 + 120 + 142 + 172 \\ 498 &:= 2^3 + 6^2 + 8^0 + 12^1 + 21^2 = 23 + 62 + 80 + 121 + 212 \\ 498 &:= 2^3 + 7^1 + 10^0 + 11^2 + 19^2 = 23 + 71 + 100 + 112 + 192 \\ 498 &:= 2^3 + 8^0 + 8^1 + 15^2 + 16^2 = 23 + 80 + 81 + 152 + 162 \\ 498 &:= 2^3 + 8^1 + 9^2 + 10^0 + 20^2 = 23 + 81 + 92 + 100 + 202 \\ 498 &:= 2^5 + 2^7 + 3^4 + 16^2 + 25^0 = 25 + 27 + 34 + 162 + 250 \\ 498 &:= 2^5 + 2^8 + 8^2 + 11^2 + 25^1 = 25 + 28 + 82 + 112 + 251 \\ 498 &:= 2^7 + 2^7 + 4^2 + 15^2 + 25^0 = 27 + 27 + 42 + 152 + 250 \\ 498 &:= 2^7 + 2^7 + 6^3 + 13^0 + 25^1 = 27 + 27 + 63 + 130 + 251 \\ 498 &:= 2^7 + 2^8 + 10^2 + 13^1 + 21^0 = 27 + 28 + 102 + 131 + 210 \\ 498 &:= 3^0 + 4^4 + 6^3 + 12^0 + 24^1 = 30 + 44 + 63 + 120 + 241 \\ 498 &:= 3^0 + 6^3 + 6^3 + 8^2 + 26^0 = 30 + 63 + 63 + 82 + 260 \\ 498 &:= 3^1 + 3^4 + 10^0 + 13^1 + 20^2 = 31 + 34 + 100 + 131 + 202 \\ 498 &:= 3^1 + 4^4 + 13^1 + 14^0 + 15^2 = 31 + 44 + 131 + 140 + 152 \\ 498 &:= 3^1 + 5^3 + 12^2 + 14^0 + 15^2 = 31 + 53 + 122 + 140 + 152 \\ 498 &:= 3^1 + 5^3 + 7^3 + 8^0 + 26^1 = 31 + 53 + 73 + 80 + 261 \\ 498 &:= 3^2 + 4^0 + 7^3 + 11^2 + 24^1 = 32 + 40 + 73 + 112 + 241 \\ 498 &:= 3^2 + 6^2 + 10^0 + 14^2 + 16^2 = 32 + 62 + 100 + 142 + 162 \\ 498 &:= 3^2 + 6^3 + 8^0 + 16^1 + 16^2 = 32 + 63 + 80 + 161 + 162 \\ 498 &:= 3^2 + 8^2 + 10^0 + 10^2 + 18^2 = 32 + 82 + 100 + 102 + 182 \\ 498 &:= 3^3 + 4^0 + 12^1 + 13^2 + 17^2 = 33 + 40 + 121 + 132 + 172 \\ 498 &:= 3^3 + 4^1 + 5^2 + 16^0 + 21^2 = 33 + 41 + 52 + 160 + 212 \\ 498 &:= 3^3 + 4^2 + 8^0 + 13^1 + 21^2 = 33 + 42 + 80 + 131 + 212 \\ 498 &:= 3^3 + 6^1 + 8^2 + 12^0 + 20^2 = 33 + 61 + 82 + 120 + 202 \end{aligned}$$

$$\begin{aligned}
 498 &:= 3^3 + 8^0 + 9^1 + 10^2 + 19^2 = 33 + 80 + 91 + 102 + 192 \\
 498 &:= 3^4 + 4^1 + 10^0 + 12^1 + 20^2 = 34 + 41 + 100 + 121 + 202 \\
 498 &:= 3^4 + 5^1 + 10^0 + 11^1 + 20^2 = 34 + 51 + 100 + 111 + 202 \\
 498 &:= 3^4 + 6^1 + 10^0 + 10^1 + 20^2 = 34 + 61 + 100 + 101 + 202 \\
 498 &:= 3^4 + 7^1 + 9^1 + 10^0 + 20^2 = 34 + 71 + 91 + 100 + 202 \\
 498 &:= 3^4 + 8^1 + 8^1 + 10^0 + 20^2 = 34 + 81 + 81 + 100 + 202 \\
 498 &:= 4^0 + 4^2 + 4^3 + 17^1 + 20^2 = 40 + 42 + 43 + 171 + 202 \\
 498 &:= 4^0 + 4^3 + 12^1 + 14^2 + 15^2 = 40 + 43 + 121 + 142 + 152 \\
 498 &:= 4^0 + 4^4 + 6^3 + 11^0 + 24^1 = 40 + 44 + 63 + 110 + 241 \\
 498 &:= 4^0 + 6^3 + 11^2 + 12^2 + 16^1 = 40 + 63 + 112 + 122 + 161 \\
 498 &:= 4^0 + 6^3 + 6^3 + 8^2 + 25^0 = 40 + 63 + 63 + 82 + 250 \\
 498 &:= 4^1 + 4^4 + 12^1 + 14^0 + 15^2 = 41 + 44 + 121 + 140 + 152 \\
 498 &:= 4^1 + 5^3 + 7^3 + 8^0 + 25^1 = 41 + 53 + 73 + 80 + 251 \\
 498 &:= 4^1 + 6^3 + 9^2 + 14^2 + 16^0 = 41 + 63 + 92 + 142 + 160 \\
 498 &:= 4^2 + 6^2 + 10^0 + 11^2 + 18^2 = 42 + 62 + 100 + 112 + 182 \\
 498 &:= 4^2 + 6^3 + 9^1 + 14^0 + 16^2 = 42 + 63 + 91 + 140 + 162 \\
 498 &:= 4^2 + 7^3 + 10^0 + 11^2 + 17^1 = 42 + 73 + 100 + 112 + 171 \\
 498 &:= 4^2 + 8^0 + 9^2 + 12^2 + 16^2 = 42 + 80 + 92 + 122 + 162 \\
 498 &:= 4^3 + 5^2 + 8^1 + 12^0 + 20^2 = 43 + 52 + 81 + 120 + 202 \\
 498 &:= 4^3 + 8^0 + 8^1 + 13^2 + 16^2 = 43 + 80 + 81 + 132 + 162 \\
 498 &:= 4^3 + 8^0 + 9^1 + 10^2 + 18^2 = 43 + 80 + 91 + 102 + 182 \\
 498 &:= 4^3 + 8^1 + 8^2 + 10^0 + 19^2 = 43 + 81 + 82 + 100 + 192 \\
 498 &:= 4^4 + 5^0 + 6^3 + 10^0 + 24^1 = 44 + 50 + 63 + 100 + 241 \\
 498 &:= 4^4 + 5^1 + 11^1 + 14^0 + 15^2 = 44 + 51 + 111 + 140 + 152 \\
 498 &:= 4^4 + 6^0 + 6^3 + 9^0 + 24^1 = 44 + 60 + 63 + 90 + 241 \\
 498 &:= 4^4 + 6^1 + 10^1 + 14^0 + 15^2 = 44 + 61 + 101 + 140 + 152 \\
 498 &:= 4^4 + 6^3 + 7^0 + 8^0 + 24^1 = 44 + 63 + 70 + 80 + 241 \\
 498 &:= 4^4 + 7^1 + 9^1 + 14^0 + 15^2 = 44 + 71 + 91 + 140 + 152 \\
 498 &:= 4^4 + 8^1 + 8^1 + 14^0 + 15^2 = 44 + 81 + 81 + 140 + 152 \\
 498 &:= 5^0 + 6^3 + 6^3 + 8^2 + 24^0 = 50 + 63 + 63 + 82 + 240 \\
 498 &:= 5^1 + 5^3 + 7^3 + 8^0 + 24^1 = 51 + 53 + 73 + 80 + 241 \\
 498 &:= 5^1 + 7^2 + 7^3 + 10^2 + 20^0 = 51 + 72 + 73 + 102 + 200
 \end{aligned}$$

$$\begin{aligned}
 498 &:= 5^2 + 6^2 + 6^2 + 12^0 + 20^2 = 52 + 62 + 62 + 120 + 202 \\
 498 &:= 5^2 + 7^3 + 8^1 + 11^2 + 18^0 = 52 + 73 + 81 + 112 + 180 \\
 498 &:= 5^3 + 6^1 + 7^3 + 8^0 + 23^1 = 53 + 61 + 73 + 80 + 231 \\
 498 &:= 5^3 + 6^2 + 8^0 + 12^1 + 18^2 = 53 + 62 + 80 + 121 + 182 \\
 498 &:= 5^3 + 7^1 + 10^0 + 13^2 + 14^2 = 53 + 71 + 100 + 132 + 142 \\
 498 &:= 5^3 + 7^1 + 7^3 + 8^0 + 22^1 = 53 + 71 + 73 + 80 + 221 \\
 498 &:= 5^3 + 7^3 + 8^0 + 10^1 + 19^1 = 53 + 73 + 80 + 101 + 191 \\
 498 &:= 5^3 + 7^3 + 8^0 + 11^1 + 18^1 = 53 + 73 + 80 + 111 + 181 \\
 498 &:= 5^3 + 7^3 + 8^0 + 12^1 + 17^1 = 53 + 73 + 80 + 121 + 171 \\
 498 &:= 5^3 + 7^3 + 8^0 + 13^1 + 16^1 = 53 + 73 + 80 + 131 + 161 \\
 498 &:= 5^3 + 7^3 + 8^0 + 14^1 + 15^1 = 53 + 73 + 80 + 141 + 151 \\
 498 &:= 5^3 + 7^3 + 8^0 + 8^1 + 21^1 = 53 + 73 + 80 + 81 + 211 \\
 498 &:= 5^3 + 7^3 + 8^0 + 9^1 + 20^1 = 53 + 73 + 80 + 91 + 201 \\
 498 &:= 6^0 + 6^2 + 11^2 + 12^2 + 14^2 = 60 + 62 + 112 + 122 + 142 \\
 498 &:= 6^0 + 6^3 + 6^3 + 8^2 + 23^0 = 60 + 63 + 63 + 82 + 230 \\
 498 &:= 6^0 + 8^2 + 8^2 + 12^2 + 15^2 = 60 + 82 + 82 + 122 + 152 \\
 498 &:= 6^2 + 6^2 + 8^0 + 13^2 + 16^2 = 62 + 62 + 80 + 132 + 162 \\
 498 &:= 6^2 + 6^2 + 8^2 + 10^0 + 19^2 = 62 + 62 + 82 + 100 + 192 \\
 498 &:= 6^2 + 7^3 + 8^0 + 10^2 + 18^1 = 62 + 73 + 80 + 102 + 181 \\
 498 &:= 6^3 + 6^3 + 7^0 + 8^2 + 22^0 = 63 + 63 + 70 + 82 + 220 \\
 498 &:= 6^3 + 6^3 + 8^0 + 8^2 + 21^0 = 63 + 63 + 80 + 82 + 210 \\
 498 &:= 6^3 + 6^3 + 8^2 + 10^0 + 19^0 = 63 + 63 + 82 + 100 + 190 \\
 498 &:= 6^3 + 6^3 + 8^2 + 11^0 + 18^0 = 63 + 63 + 82 + 110 + 180 \\
 498 &:= 6^3 + 6^3 + 8^2 + 12^0 + 17^0 = 63 + 63 + 82 + 120 + 170 \\
 498 &:= 6^3 + 6^3 + 8^2 + 13^0 + 16^0 = 63 + 63 + 82 + 130 + 160 \\
 498 &:= 6^3 + 6^3 + 8^2 + 14^0 + 15^0 = 63 + 63 + 82 + 140 + 150 \\
 498 &:= 6^3 + 6^3 + 8^2 + 9^0 + 20^0 = 63 + 63 + 82 + 90 + 200 \\
 498 &:= 6^3 + 7^1 + 7^2 + 14^0 + 15^2 = 63 + 71 + 72 + 140 + 152 \\
 498 &:= 6^3 + 8^0 + 10^2 + 12^1 + 13^2 = 63 + 80 + 102 + 121 + 132 \\
 498 &:= 7^3 + 8^2 + 9^1 + 9^2 + 16^0 = 73 + 82 + 91 + 92 + 160
 \end{aligned}$$

2.2.400 Number 499

$$\begin{aligned}
 499 &:= 3^5 + 6^3 + 40^1 = 35 + 63 + 401 \\
 499 &:= 1^0 + 3^5 + 6^3 + 39^1 = 10 + 35 + 63 + 391 \\
 499 &:= 1^1 + 2^5 + 21^2 + 25^1 = 11 + 25 + 212 + 251 \\
 499 &:= 1^1 + 3^5 + 15^2 + 30^1 = 11 + 35 + 152 + 301
 \end{aligned}$$

$$\begin{aligned}
 499 &:= 1^3 + 6^3 + 16^2 + 26^1 = 13 + 63 + 162 + 261 \\
 499 &:= 1^4 + 15^2 + 16^2 + 17^1 = 14 + 152 + 162 + 171 \\
 499 &:= 1^4 + 6^2 + 21^1 + 21^2 = 14 + 62 + 211 + 212 \\
 499 &:= 1^6 + 13^0 + 13^1 + 22^2 = 16 + 130 + 131 + 222
 \end{aligned}$$

$499 := 2^1 + 2^5 + 21^2 + 24^1$	$= 21 + 25 + 212 + 241$	$499 := 1^0 + 1^4 + 15^2 + 16^1 + 16^2 = 10 + 14 + 152 + 161 + 162$
$499 := 2^1 + 3^5 + 15^2 + 29^1$	$= 21 + 35 + 152 + 291$	$499 := 1^0 + 1^4 + 6^2 + 20^1 + 21^2 = 10 + 14 + 62 + 201 + 212$
$499 := 2^3 + 3^3 + 21^2 + 23^1$	$= 23 + 33 + 212 + 231$	$499 := 1^0 + 1^6 + 12^1 + 13^0 + 22^2 = 10 + 16 + 121 + 130 + 222$
$499 := 2^4 + 8^2 + 19^1 + 20^2$	$= 24 + 82 + 191 + 202$	$499 := 1^0 + 2^1 + 2^5 + 21^2 + 23^1 = 10 + 21 + 25 + 212 + 231$
$499 := 2^5 + 10^1 + 16^1 + 21^2$	$= 25 + 101 + 161 + 212$	$499 := 1^0 + 2^3 + 3^3 + 21^2 + 22^1 = 10 + 23 + 33 + 212 + 221$
$499 := 2^5 + 11^1 + 15^1 + 21^2$	$= 25 + 111 + 151 + 212$	$499 := 1^0 + 2^4 + 8^2 + 18^1 + 20^2 = 10 + 24 + 82 + 181 + 202$
$499 := 2^5 + 12^1 + 14^1 + 21^2$	$= 25 + 121 + 141 + 212$	$499 := 1^0 + 2^5 + 10^1 + 15^1 + 21^2 = 10 + 25 + 101 + 151 + 212$
$499 := 2^5 + 13^1 + 13^1 + 21^2$	$= 25 + 131 + 131 + 212$	$499 := 1^0 + 2^5 + 11^1 + 14^1 + 21^2 = 10 + 25 + 111 + 141 + 212$
$499 := 2^5 + 3^1 + 21^2 + 23^1$	$= 25 + 31 + 212 + 231$	$499 := 1^0 + 2^5 + 12^1 + 13^1 + 21^2 = 10 + 25 + 121 + 131 + 212$
$499 := 2^5 + 4^1 + 21^2 + 22^1$	$= 25 + 41 + 212 + 221$	$499 := 1^0 + 2^5 + 3^1 + 21^2 + 22^1 = 10 + 25 + 31 + 212 + 221$
$499 := 2^5 + 5^1 + 21^1 + 21^2$	$= 25 + 51 + 211 + 212$	$499 := 1^0 + 2^5 + 4^1 + 21^1 + 21^2 = 10 + 25 + 41 + 211 + 212$
$499 := 2^5 + 5^2 + 21^0 + 21^2$	$= 25 + 52 + 210 + 212$	$499 := 1^0 + 2^5 + 5^1 + 20^1 + 21^2 = 10 + 25 + 51 + 201 + 212$
$499 := 2^5 + 6^1 + 20^1 + 21^2$	$= 25 + 61 + 201 + 212$	$499 := 1^0 + 2^5 + 6^1 + 19^1 + 21^2 = 10 + 25 + 61 + 191 + 212$
$499 := 2^5 + 7^1 + 19^1 + 21^2$	$= 25 + 71 + 191 + 212$	$499 := 1^0 + 2^5 + 7^1 + 18^1 + 21^2 = 10 + 25 + 71 + 181 + 212$
$499 := 2^5 + 8^1 + 18^1 + 21^2$	$= 25 + 81 + 181 + 212$	$499 := 1^0 + 2^5 + 8^1 + 17^1 + 21^2 = 10 + 25 + 81 + 171 + 212$
$499 := 2^5 + 9^1 + 17^1 + 21^2$	$= 25 + 91 + 171 + 212$	$499 := 1^0 + 2^5 + 9^1 + 16^1 + 21^2 = 10 + 25 + 91 + 161 + 212$
$499 := 3^1 + 3^5 + 15^2 + 28^1$	$= 31 + 35 + 152 + 281$	$499 := 1^0 + 3^1 + 3^5 + 15^2 + 27^1 = 10 + 31 + 35 + 152 + 271$
$499 := 3^3 + 5^3 + 18^2 + 23^1$	$= 33 + 53 + 182 + 231$	$499 := 1^0 + 3^3 + 5^3 + 18^2 + 22^1 = 10 + 33 + 53 + 182 + 221$
$499 := 3^3 + 7^3 + 10^2 + 29^1$	$= 33 + 73 + 102 + 291$	$499 := 1^0 + 3^4 + 12^2 + 16^2 + 17^1 = 10 + 34 + 122 + 162 + 171$
$499 := 3^4 + 12^2 + 16^2 + 18^1$	$= 34 + 122 + 162 + 181$	$499 := 1^0 + 3^4 + 6^2 + 19^2 + 20^1 = 10 + 34 + 62 + 192 + 201$
$499 := 3^4 + 6^2 + 19^2 + 21^1$	$= 34 + 62 + 192 + 211$	$499 := 1^0 + 3^5 + 10^1 + 15^2 + 20^1 = 10 + 35 + 101 + 152 + 201$
$499 := 3^5 + 10^1 + 15^2 + 21^1$	$= 35 + 101 + 152 + 211$	$499 := 1^0 + 3^5 + 11^1 + 15^2 + 19^1 = 10 + 35 + 111 + 152 + 191$
$499 := 3^5 + 11^1 + 15^2 + 20^1$	$= 35 + 111 + 152 + 201$	$499 := 1^0 + 3^5 + 12^1 + 15^2 + 18^1 = 10 + 35 + 121 + 152 + 181$
$499 := 3^5 + 12^1 + 15^2 + 19^1$	$= 35 + 121 + 152 + 191$	$499 := 1^0 + 3^5 + 13^1 + 15^2 + 17^1 = 10 + 35 + 131 + 152 + 171$
$499 := 3^5 + 13^1 + 15^2 + 18^1$	$= 35 + 131 + 152 + 181$	$499 := 1^0 + 3^5 + 14^1 + 15^2 + 16^1 = 10 + 35 + 141 + 152 + 161$
$499 := 3^5 + 14^1 + 15^2 + 17^1$	$= 35 + 141 + 152 + 171$	$499 := 1^0 + 3^5 + 15^1 + 15^1 + 15^2 = 10 + 35 + 151 + 151 + 152$
$499 := 3^5 + 15^1 + 15^2 + 16^1$	$= 35 + 151 + 152 + 161$	$499 := 1^0 + 3^5 + 4^1 + 15^2 + 26^1 = 10 + 35 + 41 + 152 + 261$
$499 := 3^5 + 4^1 + 15^2 + 27^1$	$= 35 + 41 + 152 + 271$	$499 := 1^0 + 3^5 + 5^1 + 15^2 + 25^1 = 10 + 35 + 51 + 152 + 251$
$499 := 3^5 + 5^1 + 15^2 + 26^1$	$= 35 + 51 + 152 + 261$	$499 := 1^0 + 3^5 + 6^1 + 15^2 + 24^1 = 10 + 35 + 61 + 152 + 241$
$499 := 3^5 + 6^1 + 15^2 + 25^1$	$= 35 + 61 + 152 + 251$	$499 := 1^0 + 3^5 + 7^1 + 15^2 + 23^1 = 10 + 35 + 71 + 152 + 231$
$499 := 3^5 + 7^1 + 15^2 + 24^1$	$= 35 + 71 + 152 + 241$	$499 := 1^0 + 3^5 + 8^1 + 15^2 + 22^1 = 10 + 35 + 81 + 152 + 221$
$499 := 3^5 + 8^1 + 15^2 + 23^1$	$= 35 + 81 + 152 + 231$	$499 := 1^0 + 3^5 + 9^1 + 15^2 + 21^1 = 10 + 35 + 91 + 152 + 211$
$499 := 3^5 + 9^1 + 15^2 + 22^1$	$= 35 + 91 + 152 + 221$	$499 := 1^0 + 4^4 + 7^2 + 13^2 + 24^1 = 10 + 44 + 72 + 132 + 241$
$499 := 4^4 + 7^2 + 13^2 + 25^1$	$= 44 + 72 + 132 + 251$	$499 := 1^0 + 5^3 + 5^3 + 15^2 + 23^1 = 10 + 53 + 53 + 152 + 231$
$499 := 5^3 + 5^3 + 15^2 + 24^1$	$= 53 + 53 + 152 + 241$	$499 := 1^1 + 1^2 + 6^3 + 16^2 + 25^1 = 11 + 12 + 63 + 162 + 251$
$499 := 6^2 + 6^3 + 6^3 + 31^1$	$= 62 + 63 + 63 + 311$	$499 := 1^1 + 1^3 + 15^2 + 16^1 + 16^2 = 11 + 13 + 152 + 161 + 162$
$499 := 1^0 + 1^1 + 2^5 + 21^2 + 24^1$	$= 10 + 11 + 25 + 212 + 241$	$499 := 1^1 + 1^3 + 6^2 + 20^1 + 21^2 = 11 + 13 + 62 + 201 + 212$
$499 := 1^0 + 1^3 + 6^3 + 16^2 + 25^1$	$= 10 + 13 + 63 + 162 + 251$	$499 := 1^1 + 1^5 + 12^1 + 13^0 + 22^2 = 11 + 15 + 121 + 130 + 222$

$$\begin{aligned} 499 &:= 1^1 + 2^4 + 15^0 + 15^2 + 16^2 = 11 + 24 + 150 + 152 + 162 \\ 499 &:= 1^1 + 2^4 + 9^2 + 17^0 + 20^2 = 11 + 24 + 92 + 170 + 202 \\ 499 &:= 1^1 + 3^2 + 3^3 + 21^1 + 21^2 = 11 + 32 + 33 + 211 + 212 \\ 499 &:= 1^1 + 3^4 + 4^2 + 20^2 + 21^0 = 11 + 34 + 42 + 202 + 210 \\ 499 &:= 1^1 + 4^2 + 4^4 + 15^2 + 25^0 = 11 + 42 + 44 + 152 + 250 \\ 499 &:= 1^1 + 4^4 + 6^3 + 13^0 + 25^1 = 11 + 44 + 63 + 130 + 251 \\ 499 &:= 1^1 + 5^3 + 10^2 + 16^2 + 17^1 = 11 + 53 + 102 + 162 + 171 \\ 499 &:= 1^1 + 6^2 + 6^3 + 15^2 + 21^1 = 11 + 62 + 63 + 152 + 211 \\ 499 &:= 1^1 + 7^2 + 7^3 + 9^2 + 25^1 = 11 + 72 + 73 + 92 + 251 \\ 499 &:= 1^2 + 1^2 + 15^2 + 16^1 + 16^2 = 12 + 12 + 152 + 161 + 162 \\ 499 &:= 1^2 + 1^2 + 6^2 + 20^1 + 21^2 = 12 + 12 + 62 + 201 + 212 \\ 499 &:= 1^2 + 1^4 + 12^1 + 13^0 + 22^2 = 12 + 14 + 121 + 130 + 222 \\ 499 &:= 1^2 + 2^1 + 6^3 + 16^2 + 24^1 = 12 + 21 + 63 + 162 + 241 \\ 499 &:= 1^2 + 3^1 + 6^3 + 16^2 + 23^1 = 12 + 31 + 63 + 162 + 231 \\ 499 &:= 1^2 + 3^4 + 9^0 + 16^1 + 20^2 = 12 + 34 + 90 + 161 + 202 \\ 499 &:= 1^2 + 4^1 + 6^3 + 16^2 + 22^1 = 12 + 41 + 63 + 162 + 221 \\ 499 &:= 1^2 + 4^2 + 12^2 + 14^1 + 18^2 = 12 + 42 + 122 + 141 + 182 \\ 499 &:= 1^2 + 4^3 + 12^2 + 15^0 + 17^2 = 12 + 43 + 122 + 150 + 172 \\ 499 &:= 1^2 + 4^4 + 13^0 + 15^2 + 16^1 = 12 + 44 + 130 + 152 + 161 \\ 499 &:= 1^2 + 5^1 + 6^3 + 16^2 + 21^1 = 12 + 51 + 63 + 162 + 211 \\ 499 &:= 1^2 + 5^2 + 6^3 + 16^2 + 21^0 = 12 + 52 + 63 + 162 + 210 \\ 499 &:= 1^2 + 6^1 + 6^3 + 16^2 + 20^1 = 12 + 61 + 63 + 162 + 201 \\ 499 &:= 1^2 + 6^2 + 12^1 + 15^2 + 15^2 = 12 + 62 + 121 + 152 + 152 \\ 499 &:= 1^2 + 6^3 + 10^1 + 16^1 + 16^2 = 12 + 63 + 101 + 161 + 162 \\ 499 &:= 1^2 + 6^3 + 11^1 + 15^1 + 16^2 = 12 + 63 + 111 + 151 + 162 \\ 499 &:= 1^2 + 6^3 + 12^1 + 14^1 + 16^2 = 12 + 63 + 121 + 141 + 162 \\ 499 &:= 1^2 + 6^3 + 13^1 + 13^1 + 16^2 = 12 + 63 + 131 + 131 + 162 \\ 499 &:= 1^2 + 6^3 + 7^1 + 16^2 + 19^1 = 12 + 63 + 71 + 162 + 191 \\ 499 &:= 1^2 + 6^3 + 8^1 + 16^2 + 18^1 = 12 + 63 + 81 + 162 + 181 \\ 499 &:= 1^2 + 6^3 + 9^1 + 16^2 + 17^1 = 12 + 63 + 91 + 162 + 171 \\ 499 &:= 1^2 + 9^2 + 9^2 + 12^1 + 18^2 = 12 + 92 + 92 + 121 + 182 \\ 499 &:= 1^3 + 1^3 + 12^1 + 13^0 + 22^2 = 13 + 13 + 121 + 130 + 222 \\ 499 &:= 1^3 + 2^1 + 15^1 + 15^2 + 16^2 = 13 + 21 + 151 + 152 + 162 \\ 499 &:= 1^3 + 2^1 + 6^2 + 19^1 + 21^2 = 13 + 21 + 62 + 191 + 212 \\ 499 &:= 1^3 + 2^2 + 13^2 + 15^0 + 18^2 = 13 + 22 + 132 + 150 + 182 \\ 499 &:= 1^3 + 2^2 + 3^2 + 21^0 + 22^2 = 13 + 22 + 32 + 210 + 222 \\ 499 &:= 1^3 + 2^3 + 5^1 + 19^0 + 22^2 = 13 + 23 + 51 + 190 + 222 \\ 499 &:= 1^3 + 3^1 + 14^1 + 15^2 + 16^2 = 13 + 31 + 141 + 152 + 162 \end{aligned}$$

$$\begin{aligned} 499 &:= 1^3 + 3^1 + 6^2 + 18^1 + 21^2 = 13 + 31 + 62 + 181 + 212 \\ 499 &:= 1^3 + 4^1 + 13^1 + 15^2 + 16^2 = 13 + 41 + 131 + 152 + 162 \\ 499 &:= 1^3 + 4^1 + 6^2 + 17^1 + 21^2 = 13 + 41 + 62 + 171 + 212 \\ 499 &:= 1^3 + 4^2 + 13^0 + 15^2 + 16^2 = 13 + 42 + 130 + 152 + 162 \\ 499 &:= 1^3 + 4^2 + 9^2 + 15^0 + 20^2 = 13 + 42 + 92 + 150 + 202 \\ 499 &:= 1^3 + 5^1 + 12^1 + 15^2 + 16^2 = 13 + 51 + 121 + 152 + 162 \\ 499 &:= 1^3 + 5^1 + 6^2 + 16^1 + 21^2 = 13 + 51 + 62 + 161 + 212 \\ 499 &:= 1^3 + 5^3 + 11^1 + 13^0 + 19^2 = 13 + 53 + 111 + 130 + 192 \\ 499 &:= 1^3 + 6^1 + 11^1 + 15^2 + 16^2 = 13 + 61 + 111 + 152 + 162 \\ 499 &:= 1^3 + 6^1 + 6^2 + 15^1 + 21^2 = 13 + 61 + 62 + 151 + 212 \\ 499 &:= 1^3 + 6^2 + 10^1 + 11^1 + 21^2 = 13 + 62 + 101 + 111 + 212 \\ 499 &:= 1^3 + 6^2 + 10^2 + 13^0 + 19^2 = 13 + 62 + 102 + 130 + 192 \\ 499 &:= 1^3 + 6^2 + 7^1 + 14^1 + 21^2 = 13 + 62 + 71 + 141 + 212 \\ 499 &:= 1^3 + 6^2 + 8^1 + 13^1 + 21^2 = 13 + 62 + 81 + 131 + 212 \\ 499 &:= 1^3 + 6^2 + 9^1 + 12^1 + 21^2 = 13 + 62 + 91 + 121 + 212 \\ 499 &:= 1^3 + 7^1 + 10^1 + 15^2 + 16^2 = 13 + 71 + 101 + 152 + 162 \\ 499 &:= 1^3 + 7^3 + 10^1 + 12^2 + 19^0 = 13 + 73 + 101 + 122 + 190 \\ 499 &:= 1^3 + 8^1 + 9^1 + 15^2 + 16^2 = 13 + 81 + 91 + 152 + 162 \\ 499 &:= 1^3 + 8^2 + 11^0 + 12^2 + 17^2 = 13 + 82 + 110 + 122 + 172 \\ 499 &:= 1^4 + 2^2 + 9^1 + 15^0 + 22^2 = 14 + 22 + 91 + 150 + 222 \\ 499 &:= 1^4 + 3^0 + 11^2 + 15^1 + 19^2 = 14 + 30 + 112 + 151 + 192 \\ 499 &:= 1^4 + 3^0 + 9^2 + 16^1 + 20^2 = 14 + 30 + 92 + 161 + 202 \\ 499 &:= 1^4 + 3^2 + 4^1 + 19^0 + 22^2 = 14 + 32 + 41 + 190 + 222 \\ 499 &:= 1^4 + 4^1 + 13^0 + 13^2 + 18^2 = 14 + 41 + 130 + 132 + 182 \\ 499 &:= 1^4 + 5^0 + 12^1 + 14^2 + 17^2 = 14 + 50 + 121 + 142 + 172 \\ 499 &:= 1^4 + 7^1 + 7^2 + 13^0 + 21^2 = 14 + 71 + 72 + 130 + 212 \\ 499 &:= 1^5 + 2^1 + 11^1 + 13^0 + 22^2 = 15 + 21 + 111 + 130 + 222 \\ 499 &:= 1^5 + 3^1 + 10^1 + 13^0 + 22^2 = 15 + 31 + 101 + 130 + 222 \\ 499 &:= 1^5 + 4^1 + 9^1 + 13^0 + 22^2 = 15 + 41 + 91 + 130 + 222 \\ 499 &:= 1^5 + 5^1 + 8^1 + 13^0 + 22^2 = 15 + 51 + 81 + 130 + 222 \\ 499 &:= 1^5 + 6^1 + 7^1 + 13^0 + 22^2 = 15 + 61 + 71 + 130 + 222 \\ 499 &:= 1^6 + 2^0 + 12^0 + 12^1 + 22^2 = 16 + 20 + 120 + 121 + 222 \\ 499 &:= 1^6 + 3^0 + 11^0 + 12^1 + 22^2 = 16 + 30 + 110 + 121 + 222 \\ 499 &:= 1^6 + 4^0 + 10^0 + 12^1 + 22^2 = 16 + 40 + 100 + 121 + 222 \\ 499 &:= 1^6 + 5^0 + 9^0 + 12^1 + 22^2 = 16 + 50 + 90 + 121 + 222 \\ 499 &:= 1^6 + 6^0 + 8^0 + 12^1 + 22^2 = 16 + 60 + 80 + 121 + 222 \\ 499 &:= 1^6 + 7^0 + 7^0 + 12^1 + 22^2 = 16 + 70 + 70 + 121 + 222 \\ 499 &:= 1^7 + 1^9 + 12^0 + 12^1 + 22^2 = 17 + 19 + 120 + 121 + 222 \end{aligned}$$

$$\begin{aligned} 499 &:= 1^7 + 2^3 + 2^7 + 19^2 + 24^0 = 17 + 23 + 27 + 192 + 240 \\ 499 &:= 1^7 + 2^8 + 4^2 + 15^2 + 26^0 = 17 + 28 + 42 + 152 + 260 \\ 499 &:= 1^7 + 2^8 + 6^3 + 14^0 + 25^1 = 17 + 28 + 63 + 140 + 251 \\ 499 &:= 1^8 + 1^8 + 12^0 + 12^1 + 22^2 = 18 + 18 + 120 + 121 + 222 \\ 499 &:= 1^8 + 2^7 + 12^2 + 15^2 + 18^0 = 18 + 27 + 122 + 152 + 180 \\ 499 &:= 1^8 + 2^7 + 7^3 + 12^0 + 26^1 = 18 + 27 + 73 + 120 + 261 \\ 499 &:= 1^8 + 2^8 + 14^0 + 15^2 + 16^1 = 18 + 28 + 140 + 152 + 161 \\ 499 &:= 1^9 + 2^4 + 3^4 + 20^2 + 22^0 = 19 + 24 + 34 + 202 + 220 \\ 499 &:= 1^9 + 2^4 + 4^4 + 15^2 + 26^0 = 19 + 24 + 44 + 152 + 260 \\ 499 &:= 1^9 + 2^6 + 12^2 + 16^0 + 17^2 = 19 + 26 + 122 + 160 + 172 \\ 499 &:= 1^9 + 2^7 + 8^1 + 18^0 + 19^2 = 19 + 27 + 81 + 180 + 192 \\ 499 &:= 2^1 + 3^2 + 3^3 + 20^1 + 21^2 = 21 + 32 + 33 + 201 + 212 \\ 499 &:= 2^1 + 4^4 + 6^3 + 13^0 + 24^1 = 21 + 44 + 63 + 130 + 241 \\ 499 &:= 2^1 + 5^3 + 10^2 + 16^1 + 16^2 = 21 + 53 + 102 + 161 + 162 \\ 499 &:= 2^1 + 6^2 + 6^3 + 15^2 + 20^1 = 21 + 62 + 63 + 152 + 201 \\ 499 &:= 2^1 + 6^3 + 6^3 + 8^2 + 27^0 = 21 + 63 + 63 + 82 + 270 \\ 499 &:= 2^1 + 7^2 + 7^3 + 9^2 + 24^1 = 21 + 72 + 73 + 92 + 241 \\ 499 &:= 2^2 + 3^4 + 11^0 + 13^1 + 20^2 = 22 + 34 + 110 + 131 + 202 \\ 499 &:= 2^2 + 4^2 + 8^2 + 15^1 + 20^2 = 22 + 42 + 82 + 151 + 202 \\ 499 &:= 2^2 + 4^4 + 13^1 + 15^0 + 15^2 = 22 + 44 + 131 + 150 + 152 \\ 499 &:= 2^2 + 5^2 + 12^1 + 13^2 + 17^2 = 22 + 52 + 121 + 132 + 172 \\ 499 &:= 2^2 + 5^3 + 12^2 + 15^0 + 15^2 = 22 + 53 + 122 + 150 + 152 \\ 499 &:= 2^2 + 5^3 + 7^3 + 9^0 + 26^1 = 22 + 53 + 73 + 90 + 261 \\ 499 &:= 2^2 + 8^2 + 10^1 + 14^2 + 15^2 = 22 + 82 + 101 + 142 + 152 \\ 499 &:= 2^2 + 9^1 + 11^2 + 13^2 + 14^2 = 22 + 91 + 112 + 132 + 142 \\ 499 &:= 2^3 + 3^0 + 7^3 + 11^2 + 26^1 = 23 + 30 + 73 + 112 + 261 \\ 499 &:= 2^3 + 3^1 + 7^3 + 12^2 + 25^0 = 23 + 31 + 73 + 122 + 250 \\ 499 &:= 2^3 + 3^2 + 13^0 + 15^2 + 16^2 = 23 + 32 + 130 + 152 + 162 \\ 499 &:= 2^3 + 3^2 + 9^2 + 15^0 + 20^2 = 23 + 32 + 92 + 150 + 202 \\ 499 &:= 2^3 + 4^1 + 5^3 + 19^0 + 19^2 = 23 + 41 + 53 + 190 + 192 \\ 499 &:= 2^3 + 6^3 + 7^0 + 16^2 + 18^1 = 23 + 63 + 70 + 162 + 181 \\ 499 &:= 2^3 + 9^0 + 11^2 + 12^2 + 15^2 = 23 + 90 + 112 + 122 + 152 \\ 499 &:= 2^4 + 3^0 + 12^2 + 14^1 + 18^2 = 24 + 30 + 122 + 141 + 182 \\ 499 &:= 2^4 + 5^0 + 5^2 + 16^1 + 21^2 = 24 + 50 + 52 + 161 + 212 \\ 499 &:= 2^4 + 5^1 + 6^2 + 15^0 + 21^2 = 24 + 51 + 62 + 150 + 212 \\ 499 &:= 2^6 + 2^7 + 3^4 + 15^2 + 26^0 = 26 + 27 + 34 + 152 + 260 \\ 499 &:= 3^0 + 4^3 + 5^3 + 17^2 + 20^1 = 30 + 43 + 53 + 172 + 201 \\ 499 &:= 3^0 + 4^3 + 6^3 + 14^2 + 22^1 = 30 + 43 + 63 + 142 + 221 \end{aligned}$$

$$\begin{aligned} 499 &:= 3^0 + 4^3 + 7^3 + 8^2 + 27^1 = 30 + 43 + 73 + 82 + 271 \\ 499 &:= 3^0 + 4^4 + 10^2 + 11^2 + 21^1 = 30 + 44 + 102 + 112 + 211 \\ 499 &:= 3^1 + 3^2 + 3^3 + 19^1 + 21^2 = 31 + 32 + 33 + 191 + 212 \\ 499 &:= 3^1 + 3^3 + 3^3 + 19^0 + 21^2 = 31 + 33 + 33 + 190 + 212 \\ 499 &:= 3^1 + 4^4 + 6^3 + 13^0 + 23^1 = 31 + 44 + 63 + 130 + 231 \\ 499 &:= 3^1 + 5^3 + 10^2 + 15^1 + 16^2 = 31 + 53 + 102 + 151 + 162 \\ 499 &:= 3^1 + 6^2 + 6^3 + 15^2 + 19^1 = 31 + 62 + 63 + 152 + 191 \\ 499 &:= 3^1 + 7^2 + 7^3 + 9^2 + 23^1 = 31 + 72 + 73 + 92 + 231 \\ 499 &:= 3^2 + 3^2 + 12^2 + 13^1 + 18^2 = 32 + 32 + 122 + 131 + 182 \\ 499 &:= 3^2 + 3^3 + 10^1 + 12^1 + 21^2 = 32 + 33 + 101 + 121 + 212 \\ 499 &:= 3^2 + 3^3 + 11^1 + 11^1 + 21^2 = 32 + 33 + 111 + 111 + 212 \\ 499 &:= 3^2 + 3^3 + 4^1 + 18^1 + 21^2 = 32 + 33 + 41 + 181 + 212 \\ 499 &:= 3^2 + 3^3 + 5^1 + 17^1 + 21^2 = 32 + 33 + 51 + 171 + 212 \\ 499 &:= 3^2 + 3^3 + 6^1 + 16^1 + 21^2 = 32 + 33 + 61 + 161 + 212 \\ 499 &:= 3^2 + 3^3 + 7^1 + 15^1 + 21^2 = 32 + 33 + 71 + 151 + 212 \\ 499 &:= 3^2 + 3^3 + 8^1 + 14^1 + 21^2 = 32 + 33 + 81 + 141 + 212 \\ 499 &:= 3^2 + 3^3 + 9^1 + 13^1 + 21^2 = 32 + 33 + 91 + 131 + 212 \\ 499 &:= 3^2 + 3^4 + 8^1 + 15^0 + 20^2 = 32 + 34 + 81 + 150 + 202 \\ 499 &:= 3^2 + 4^2 + 10^2 + 13^1 + 19^2 = 32 + 42 + 102 + 131 + 192 \\ 499 &:= 3^2 + 4^2 + 4^2 + 17^1 + 21^2 = 32 + 42 + 42 + 171 + 212 \\ 499 &:= 3^2 + 4^3 + 13^0 + 13^2 + 16^2 = 32 + 43 + 130 + 132 + 162 \\ 499 &:= 3^2 + 4^3 + 5^2 + 17^0 + 20^2 = 32 + 43 + 52 + 170 + 202 \\ 499 &:= 3^2 + 4^3 + 8^2 + 15^0 + 19^2 = 32 + 43 + 82 + 150 + 192 \\ 499 &:= 3^2 + 4^4 + 8^1 + 15^2 + 19^0 = 32 + 44 + 81 + 152 + 190 \\ 499 &:= 3^2 + 5^2 + 7^3 + 11^2 + 23^0 = 32 + 52 + 73 + 112 + 230 \\ 499 &:= 3^2 + 5^3 + 7^3 + 13^0 + 21^1 = 32 + 53 + 73 + 130 + 211 \\ 499 &:= 3^2 + 6^2 + 9^2 + 12^1 + 19^2 = 32 + 62 + 92 + 121 + 192 \\ 499 &:= 3^2 + 8^1 + 12^2 + 13^2 + 13^2 = 32 + 81 + 122 + 132 + 132 \\ 499 &:= 3^2 + 9^1 + 9^2 + 12^2 + 16^2 = 32 + 91 + 92 + 122 + 162 \\ 499 &:= 3^3 + 4^3 + 7^1 + 15^0 + 20^2 = 33 + 43 + 71 + 150 + 202 \\ 499 &:= 3^3 + 7^1 + 7^3 + 11^2 + 21^0 = 33 + 71 + 73 + 112 + 210 \\ 499 &:= 3^4 + 7^0 + 9^2 + 12^1 + 18^2 = 34 + 70 + 92 + 121 + 182 \\ 499 &:= 3^4 + 7^1 + 11^0 + 11^2 + 17^2 = 34 + 71 + 110 + 112 + 172 \\ 499 &:= 3^4 + 7^1 + 7^2 + 13^0 + 19^2 = 34 + 71 + 72 + 130 + 192 \\ 499 &:= 4^1 + 4^4 + 6^3 + 13^0 + 22^1 = 41 + 44 + 63 + 130 + 221 \\ 499 &:= 4^1 + 5^3 + 10^2 + 14^1 + 16^2 = 41 + 53 + 102 + 141 + 162 \\ 499 &:= 4^1 + 6^2 + 6^3 + 15^2 + 18^1 = 41 + 62 + 63 + 152 + 181 \\ 499 &:= 4^1 + 7^2 + 7^3 + 9^2 + 22^1 = 41 + 72 + 73 + 92 + 221 \end{aligned}$$

$$\begin{aligned}
 499 &:= 4^2 + 5^3 + 7^3 + 14^1 + 19^0 = 42 + 53 + 73 + 141 + 190 \\
 499 &:= 4^2 + 7^2 + 10^1 + 10^2 + 18^2 = 42 + 72 + 101 + 102 + 182 \\
 499 &:= 4^2 + 7^2 + 9^1 + 13^2 + 16^2 = 42 + 72 + 91 + 132 + 162 \\
 499 &:= 4^2 + 8^1 + 9^2 + 13^2 + 15^2 = 42 + 81 + 92 + 132 + 152 \\
 499 &:= 4^2 + 8^2 + 9^1 + 11^2 + 17^2 = 42 + 82 + 91 + 112 + 172 \\
 499 &:= 4^3 + 4^3 + 9^1 + 13^0 + 19^2 = 43 + 43 + 91 + 130 + 192 \\
 499 &:= 4^3 + 7^3 + 9^2 + 10^1 + 19^0 = 43 + 73 + 92 + 101 + 190 \\
 499 &:= 4^3 + 8^2 + 9^2 + 11^0 + 17^2 = 43 + 82 + 92 + 110 + 172 \\
 499 &:= 4^3 + 9^0 + 11^2 + 12^2 + 13^2 = 43 + 90 + 112 + 122 + 132 \\
 499 &:= 4^4 + 5^0 + 5^2 + 14^2 + 21^1 = 44 + 50 + 52 + 142 + 211 \\
 499 &:= 4^4 + 5^1 + 6^3 + 13^0 + 21^1 = 44 + 51 + 63 + 130 + 211 \\
 499 &:= 4^4 + 5^2 + 6^3 + 10^0 + 24^0 = 44 + 52 + 63 + 100 + 240 \\
 499 &:= 4^4 + 5^2 + 6^3 + 11^0 + 23^0 = 44 + 52 + 63 + 110 + 230 \\
 499 &:= 4^4 + 5^2 + 6^3 + 12^0 + 22^0 = 44 + 52 + 63 + 120 + 220 \\
 499 &:= 4^4 + 5^2 + 6^3 + 13^0 + 21^0 = 44 + 52 + 63 + 130 + 210 \\
 499 &:= 4^4 + 5^2 + 6^3 + 14^0 + 20^0 = 44 + 52 + 63 + 140 + 200 \\
 499 &:= 4^4 + 5^2 + 6^3 + 15^0 + 19^0 = 44 + 52 + 63 + 150 + 190 \\
 499 &:= 4^4 + 5^2 + 6^3 + 16^0 + 18^0 = 44 + 52 + 63 + 160 + 180 \\
 499 &:= 4^4 + 5^2 + 6^3 + 17^0 + 17^0 = 44 + 52 + 63 + 170 + 170 \\
 499 &:= 4^4 + 5^2 + 6^3 + 7^0 + 27^0 = 44 + 52 + 63 + 70 + 270 \\
 499 &:= 4^4 + 5^2 + 6^3 + 8^0 + 26^0 = 44 + 52 + 63 + 80 + 260 \\
 499 &:= 4^4 + 5^2 + 6^3 + 9^0 + 25^0 = 44 + 52 + 63 + 90 + 250 \\
 499 &:= 4^4 + 6^1 + 6^3 + 13^0 + 20^1 = 44 + 61 + 63 + 130 + 201 \\
 499 &:= 4^4 + 6^2 + 10^1 + 14^2 + 15^0 = 44 + 62 + 101 + 142 + 150 \\
 499 &:= 4^4 + 6^3 + 10^1 + 13^0 + 16^1 = 44 + 63 + 101 + 130 + 161 \\
 499 &:= 4^4 + 6^3 + 11^1 + 13^0 + 15^1 = 44 + 63 + 111 + 130 + 151 \\
 499 &:= 4^4 + 6^3 + 12^1 + 13^0 + 14^1 = 44 + 63 + 121 + 130 + 141 \\
 499 &:= 4^4 + 6^3 + 13^0 + 13^1 + 13^1 = 44 + 63 + 130 + 131 + 131 \\
 499 &:= 4^4 + 6^3 + 7^1 + 13^0 + 19^1 = 44 + 63 + 71 + 130 + 191 \\
 499 &:= 4^4 + 6^3 + 8^1 + 13^0 + 18^1 = 44 + 63 + 81 + 130 + 181 \\
 499 &:= 4^4 + 6^3 + 9^1 + 13^0 + 17^1 = 44 + 63 + 91 + 130 + 171 \\
 499 &:= 4^4 + 7^0 + 9^2 + 12^2 + 17^1 = 44 + 70 + 92 + 122 + 171 \\
 499 &:= 4^4 + 8^2 + 9^1 + 13^2 + 15^0 = 44 + 82 + 91 + 132 + 150 \\
 499 &:= 5^1 + 5^2 + 5^3 + 7^3 + 27^0 = 51 + 52 + 53 + 73 + 270 \\
 499 &:= 5^1 + 5^3 + 10^2 + 13^1 + 16^2 = 51 + 53 + 102 + 131 + 162
 \end{aligned}$$

$$\begin{aligned}
 499 &:= 5^1 + 6^2 + 6^3 + 15^2 + 17^1 = 51 + 62 + 63 + 152 + 171 \\
 499 &:= 5^1 + 7^2 + 7^3 + 9^2 + 21^1 = 51 + 72 + 73 + 92 + 211 \\
 499 &:= 5^1 + 9^2 + 10^2 + 12^2 + 13^2 = 51 + 92 + 102 + 122 + 132 \\
 499 &:= 5^2 + 5^2 + 6^2 + 13^1 + 20^2 = 52 + 52 + 62 + 131 + 202 \\
 499 &:= 5^2 + 7^1 + 11^2 + 11^2 + 15^2 = 52 + 71 + 112 + 112 + 152 \\
 499 &:= 5^2 + 7^2 + 7^3 + 9^2 + 21^0 = 52 + 72 + 73 + 92 + 210 \\
 499 &:= 5^3 + 6^1 + 10^2 + 12^1 + 16^2 = 53 + 61 + 102 + 121 + 162 \\
 499 &:= 5^3 + 6^2 + 9^2 + 13^0 + 16^2 = 53 + 62 + 92 + 130 + 162 \\
 499 &:= 5^3 + 6^3 + 12^2 + 13^0 + 13^1 = 53 + 63 + 122 + 130 + 131 \\
 499 &:= 5^3 + 7^1 + 10^2 + 11^1 + 16^2 = 53 + 71 + 102 + 111 + 162 \\
 499 &:= 5^3 + 8^1 + 10^1 + 10^2 + 16^2 = 53 + 81 + 101 + 102 + 162 \\
 499 &:= 5^3 + 9^1 + 9^1 + 10^2 + 16^2 = 53 + 91 + 91 + 102 + 162 \\
 499 &:= 6^1 + 6^2 + 12^2 + 12^2 + 13^2 = 61 + 62 + 122 + 122 + 132 \\
 499 &:= 6^1 + 6^2 + 6^3 + 15^2 + 16^1 = 61 + 62 + 63 + 152 + 161 \\
 499 &:= 6^1 + 7^2 + 7^3 + 9^2 + 20^1 = 61 + 72 + 73 + 92 + 201 \\
 499 &:= 6^1 + 8^2 + 8^2 + 13^2 + 14^2 = 61 + 82 + 82 + 132 + 142 \\
 499 &:= 6^2 + 6^3 + 10^1 + 12^1 + 15^2 = 62 + 63 + 101 + 121 + 152 \\
 499 &:= 6^2 + 6^3 + 11^1 + 11^1 + 15^2 = 62 + 63 + 111 + 111 + 152 \\
 499 &:= 6^2 + 6^3 + 7^1 + 15^1 + 15^2 = 62 + 63 + 71 + 151 + 152 \\
 499 &:= 6^2 + 6^3 + 8^1 + 14^1 + 15^2 = 62 + 63 + 81 + 141 + 152 \\
 499 &:= 6^2 + 6^3 + 9^1 + 13^1 + 15^2 = 62 + 63 + 91 + 131 + 152 \\
 499 &:= 6^2 + 7^1 + 10^2 + 10^2 + 16^2 = 62 + 71 + 102 + 102 + 162 \\
 499 &:= 6^2 + 7^1 + 8^2 + 14^2 + 14^2 = 62 + 71 + 82 + 142 + 142 \\
 499 &:= 6^2 + 7^2 + 9^1 + 9^2 + 18^2 = 62 + 72 + 91 + 92 + 182 \\
 499 &:= 6^3 + 6^3 + 7^2 + 13^0 + 17^1 = 63 + 63 + 72 + 130 + 171 \\
 499 &:= 6^3 + 7^2 + 8^2 + 13^2 + 15^0 = 63 + 72 + 82 + 132 + 150 \\
 499 &:= 7^1 + 7^2 + 7^2 + 13^2 + 15^2 = 71 + 72 + 72 + 132 + 152 \\
 499 &:= 7^1 + 7^2 + 7^3 + 9^2 + 19^1 = 71 + 72 + 73 + 92 + 191 \\
 499 &:= 7^2 + 7^3 + 8^1 + 9^2 + 18^1 = 72 + 73 + 81 + 92 + 181 \\
 499 &:= 7^2 + 7^3 + 9^1 + 9^2 + 17^1 = 72 + 73 + 91 + 92 + 171 \\
 499 &:= 7^2 + 7^3 + 9^2 + 10^1 + 16^1 = 72 + 73 + 92 + 101 + 161 \\
 499 &:= 7^2 + 7^3 + 9^2 + 11^1 + 15^1 = 72 + 73 + 92 + 111 + 151 \\
 499 &:= 7^2 + 7^3 + 9^2 + 12^1 + 14^1 = 72 + 73 + 92 + 121 + 141 \\
 499 &:= 7^2 + 7^3 + 9^2 + 13^1 + 13^1 = 72 + 73 + 92 + 131 + 131
 \end{aligned}$$

2.2.401 Number 500

$$\begin{array}{ll}
 500 := 1^7 + 12^0 + 14^1 + 22^2 & = 17 + 120 + 141 + 222 \\
 500 := 2^7 + 10^1 + 18^0 + 19^2 & = 27 + 101 + 180 + 192 \\
 500 := 3^3 + 4^4 + 6^3 + 36^0 & = 33 + 44 + 63 + 360 \\
 500 := 1^0 + 1^7 + 12^0 + 13^1 + 22^2 & = 10 + 17 + 120 + 131 + 222 \\
 500 := 1^0 + 2^7 + 9^1 + 18^0 + 19^2 & = 10 + 27 + 91 + 180 + 192 \\
 500 := 1^1 + 1^6 + 12^0 + 13^1 + 22^2 & = 11 + 16 + 120 + 131 + 222 \\
 500 := 1^1 + 2^5 + 5^2 + 20^0 + 21^2 & = 11 + 25 + 52 + 200 + 212 \\
 500 := 1^2 + 1^5 + 12^0 + 13^1 + 22^2 & = 12 + 15 + 120 + 131 + 222 \\
 500 := 1^2 + 2^4 + 11^2 + 16^0 + 19^2 & = 12 + 24 + 112 + 160 + 192 \\
 500 := 1^2 + 4^4 + 11^2 + 11^2 + 22^0 & = 12 + 44 + 112 + 112 + 220 \\
 500 := 1^2 + 4^4 + 6^3 + 12^0 + 26^1 & = 12 + 44 + 63 + 120 + 261 \\
 500 := 1^3 + 1^4 + 12^0 + 13^1 + 22^2 & = 13 + 14 + 120 + 131 + 222 \\
 500 := 1^3 + 2^3 + 7^2 + 18^0 + 21^2 & = 13 + 23 + 72 + 180 + 212 \\
 500 := 1^3 + 3^4 + 8^0 + 17^1 + 20^2 & = 13 + 34 + 80 + 171 + 202 \\
 500 := 1^3 + 4^4 + 12^0 + 15^2 + 17^1 & = 13 + 44 + 120 + 152 + 171 \\
 500 := 1^3 + 5^3 + 7^2 + 18^0 + 18^2 & = 13 + 53 + 72 + 180 + 182 \\
 500 := 1^4 + 10^0 + 11^2 + 11^2 + 16^2 & = 14 + 100 + 112 + 112 + 162 \\
 500 := 1^4 + 2^3 + 6^1 + 18^0 + 22^2 & = 14 + 23 + 61 + 180 + 222 \\
 500 := 1^4 + 4^2 + 11^2 + 14^0 + 19^2 & = 14 + 42 + 112 + 140 + 192 \\
 500 := 1^4 + 5^3 + 12^0 + 12^1 + 19^2 & = 14 + 53 + 120 + 121 + 192 \\
 500 := 1^4 + 7^2 + 7^2 + 14^0 + 20^2 & = 14 + 72 + 72 + 140 + 202 \\
 500 := 1^4 + 7^3 + 11^1 + 12^2 + 18^0 & = 14 + 73 + 111 + 122 + 180 \\
 500 := 1^5 + 2^0 + 11^2 + 16^1 + 19^2 & = 15 + 20 + 112 + 161 + 192 \\
 500 := 1^5 + 2^0 + 9^2 + 17^1 + 20^2 & = 15 + 20 + 92 + 171 + 202 \\
 500 := 1^5 + 2^2 + 10^1 + 14^0 + 22^2 & = 15 + 22 + 101 + 140 + 222 \\
 500 := 1^5 + 3^2 + 5^1 + 18^0 + 22^2 & = 15 + 32 + 51 + 180 + 222 \\
 500 := 1^5 + 4^0 + 13^1 + 14^2 + 17^2 & = 15 + 40 + 131 + 142 + 172 \\
 500 := 1^5 + 5^1 + 12^0 + 13^2 + 18^2 & = 15 + 51 + 120 + 132 + 182 \\
 500 := 1^5 + 7^2 + 8^1 + 12^0 + 21^2 & = 15 + 72 + 81 + 120 + 212 \\
 500 := 1^6 + 1^9 + 11^2 + 16^1 + 19^2 & = 16 + 19 + 112 + 161 + 192 \\
 500 := 1^6 + 1^9 + 9^2 + 17^1 + 20^2 & = 16 + 19 + 92 + 171 + 202 \\
 500 := 1^6 + 2^1 + 12^0 + 12^1 + 22^2 & = 16 + 21 + 120 + 121 + 222 \\
 500 := 1^6 + 3^1 + 11^1 + 12^0 + 22^2 & = 16 + 31 + 111 + 120 + 222 \\
 500 := 1^6 + 4^1 + 10^1 + 12^0 + 22^2 & = 16 + 41 + 101 + 120 + 222 \\
 500 := 1^6 + 5^1 + 9^1 + 12^0 + 22^2 & = 16 + 51 + 91 + 120 + 222 \\
 500 := 1^6 + 6^1 + 8^1 + 12^0 + 22^2 & = 16 + 61 + 81 + 120 + 222 \\
 500 := 1^6 + 7^1 + 7^1 + 12^0 + 22^2 & = 16 + 71 + 71 + 120 + 222 \\
 500 := 1^7 + 1^8 + 11^2 + 16^1 + 19^2 & = 17 + 18 + 112 + 161 + 192 \\
 500 := 1^7 + 1^8 + 9^2 + 17^1 + 20^2 & = 17 + 18 + 92 + 171 + 202 \\
 500 := 1^7 + 2^0 + 11^0 + 13^1 + 22^2 & = 17 + 20 + 110 + 131 + 222 \\
 500 := 1^7 + 2^7 + 3^4 + 17^2 + 25^0 & = 17 + 27 + 34 + 172 + 250 \\
 500 := 1^7 + 2^8 + 7^2 + 13^2 + 25^1 & = 17 + 28 + 72 + 132 + 251 \\
 500 := 1^7 + 3^0 + 10^0 + 13^1 + 22^2 & = 17 + 30 + 100 + 131 + 222 \\
 500 := 1^7 + 4^0 + 9^0 + 13^1 + 22^2 & = 17 + 40 + 90 + 131 + 222 \\
 500 := 1^7 + 5^0 + 8^0 + 13^1 + 22^2 & = 17 + 50 + 80 + 131 + 222 \\
 500 := 1^7 + 6^0 + 7^0 + 13^1 + 22^2 & = 17 + 60 + 70 + 131 + 222 \\
 500 := 1^8 + 1^9 + 11^0 + 13^1 + 22^2 & = 18 + 19 + 110 + 131 + 222 \\
 500 := 1^8 + 2^7 + 5^2 + 18^2 + 22^1 & = 18 + 27 + 52 + 182 + 221 \\
 500 := 1^8 + 2^8 + 11^2 + 11^2 + 23^0 & = 18 + 28 + 112 + 112 + 230 \\
 500 := 1^8 + 2^8 + 6^3 + 13^0 + 26^1 & = 18 + 28 + 63 + 130 + 261 \\
 500 := 1^9 + 2^7 + 3^2 + 19^2 + 23^0 & = 19 + 27 + 32 + 192 + 230 \\
 500 := 1^9 + 2^7 + 7^3 + 11^0 + 27^1 & = 19 + 27 + 73 + 110 + 271 \\
 500 := 1^9 + 2^7 + 9^2 + 17^2 + 19^0 & = 19 + 27 + 92 + 172 + 190 \\
 500 := 1^9 + 2^8 + 13^0 + 15^2 + 17^1 & = 19 + 28 + 130 + 152 + 171 \\
 500 := 2^0 + 2^2 + 2^5 + 21^2 + 22^1 & = 20 + 22 + 25 + 212 + 221 \\
 500 := 2^0 + 2^2 + 3^5 + 15^2 + 27^1 & = 20 + 22 + 35 + 152 + 271 \\
 500 := 2^0 + 2^5 + 14^2 + 15^1 + 16^2 & = 20 + 25 + 142 + 151 + 162 \\
 500 := 2^0 + 2^5 + 7^2 + 18^1 + 20^2 & = 20 + 25 + 72 + 181 + 202 \\
 500 := 2^0 + 2^7 + 9^1 + 17^0 + 19^2 & = 20 + 27 + 91 + 170 + 192 \\
 500 := 2^0 + 3^5 + 6^2 + 14^2 + 24^1 & = 20 + 35 + 62 + 142 + 241 \\
 500 := 2^0 + 3^5 + 8^2 + 13^2 + 23^1 & = 20 + 35 + 82 + 132 + 231 \\
 500 := 2^2 + 2^3 + 7^3 + 12^2 + 26^0 & = 22 + 23 + 73 + 122 + 260 \\
 500 := 2^2 + 3^3 + 3^3 + 20^0 + 21^2 & = 22 + 33 + 33 + 200 + 212 \\
 500 := 2^2 + 4^4 + 6^3 + 14^0 + 23^1 & = 22 + 44 + 63 + 140 + 231 \\
 500 := 2^3 + 3^3 + 8^2 + 16^0 + 20^2 & = 23 + 33 + 82 + 160 + 202 \\
 500 := 2^3 + 3^4 + 10^1 + 14^0 + 20^2 & = 23 + 34 + 101 + 140 + 202 \\
 500 := 2^3 + 4^4 + 10^1 + 15^2 + 18^0 & = 23 + 44 + 101 + 152 + 180 \\
 500 := 2^3 + 5^3 + 7^3 + 12^0 + 23^1 & = 23 + 53 + 73 + 120 + 231 \\
 500 := 2^4 + 3^3 + 8^0 + 15^1 + 21^2 & = 24 + 33 + 80 + 151 + 212 \\
 500 := 2^4 + 4^0 + 4^3 + 19^1 + 20^2 & = 24 + 40 + 43 + 191 + 202 \\
 500 := 2^4 + 5^2 + 12^0 + 13^2 + 17^2 & = 24 + 52 + 120 + 132 + 172 \\
 500 := 2^4 + 6^3 + 11^1 + 14^0 + 16^2 & = 24 + 63 + 111 + 140 + 162 \\
 500 := 2^4 + 7^3 + 10^0 + 11^2 + 19^1 & = 24 + 73 + 100 + 112 + 191 \\
 500 := 2^5 + 3^1 + 8^2 + 16^0 + 20^2 & = 25 + 31 + 82 + 160 + 202 \\
 500 := 2^5 + 3^2 + 6^0 + 17^1 + 21^2 & = 25 + 32 + 60 + 171 + 212 \\
 500 := 2^5 + 4^2 + 10^1 + 12^0 + 21^2 & = 25 + 42 + 101 + 120 + 212
 \end{array}$$

$$\begin{aligned}
 500 &:= 2^5 + 6^1 + 10^2 + 12^0 + 19^2 = 25 + 61 + 102 + 120 + 192 \\
 500 &:= 2^5 + 8^0 + 9^1 + 13^2 + 17^2 = 25 + 80 + 91 + 132 + 172 \\
 500 &:= 2^7 + 3^0 + 9^1 + 16^0 + 19^2 = 27 + 30 + 91 + 160 + 192 \\
 500 &:= 2^7 + 4^0 + 9^1 + 15^0 + 19^2 = 27 + 40 + 91 + 150 + 192 \\
 500 &:= 2^7 + 5^0 + 9^1 + 14^0 + 19^2 = 27 + 50 + 91 + 140 + 192 \\
 500 &:= 2^7 + 6^0 + 9^1 + 13^0 + 19^2 = 27 + 60 + 91 + 130 + 192 \\
 500 &:= 2^7 + 7^0 + 9^1 + 12^0 + 19^2 = 27 + 70 + 91 + 120 + 192 \\
 500 &:= 2^7 + 8^0 + 9^1 + 11^0 + 19^2 = 27 + 80 + 91 + 110 + 192 \\
 500 &:= 2^7 + 9^0 + 9^1 + 10^0 + 19^2 = 27 + 90 + 91 + 100 + 192 \\
 500 &:= 3^2 + 3^2 + 3^4 + 20^0 + 20^2 = 32 + 32 + 34 + 200 + 202 \\
 500 &:= 3^2 + 3^2 + 4^4 + 15^2 + 24^0 = 32 + 32 + 44 + 152 + 240 \\
 500 &:= 3^2 + 3^5 + 6^0 + 15^2 + 22^1 = 32 + 35 + 60 + 152 + 221 \\
 500 &:= 3^2 + 4^4 + 6^3 + 18^0 + 18^1 = 32 + 44 + 63 + 180 + 181 \\
 500 &:= 3^3 + 3^3 + 11^2 + 14^0 + 18^2 = 33 + 33 + 112 + 140 + 182 \\
 500 &:= 3^3 + 4^4 + 8^0 + 14^2 + 20^1 = 33 + 44 + 80 + 142 + 201 \\
 500 &:= 3^4 + 4^1 + 5^3 + 17^2 + 20^0 = 34 + 41 + 53 + 172 + 200 \\
 500 &:= 3^4 + 6^0 + 7^2 + 7^3 + 26^1 = 34 + 60 + 72 + 73 + 261
 \end{aligned}$$

$$\begin{aligned}
 500 &:= 3^4 + 6^1 + 6^3 + 14^2 + 20^0 = 34 + 61 + 63 + 142 + 200 \\
 500 &:= 3^4 + 7^2 + 12^0 + 12^2 + 15^2 = 34 + 72 + 120 + 122 + 152 \\
 500 &:= 3^4 + 7^3 + 8^2 + 11^1 + 20^0 = 34 + 73 + 82 + 111 + 200 \\
 500 &:= 3^4 + 9^2 + 9^2 + 12^0 + 16^2 = 34 + 92 + 92 + 120 + 162 \\
 500 &:= 3^5 + 10^0 + 11^2 + 11^2 + 14^1 = 35 + 100 + 112 + 112 + 141 \\
 500 &:= 3^5 + 10^2 + 12^0 + 12^1 + 12^2 = 35 + 102 + 120 + 121 + 122 \\
 500 &:= 3^5 + 4^2 + 12^0 + 15^1 + 15^2 = 35 + 42 + 120 + 151 + 152 \\
 500 &:= 3^5 + 5^2 + 6^1 + 15^2 + 20^0 = 35 + 52 + 61 + 152 + 200 \\
 500 &:= 3^5 + 6^1 + 9^2 + 13^2 + 18^0 = 35 + 61 + 92 + 132 + 180 \\
 500 &:= 3^5 + 7^2 + 11^1 + 14^0 + 14^2 = 35 + 72 + 111 + 140 + 142 \\
 500 &:= 4^2 + 4^4 + 6^3 + 11^1 + 24^0 = 42 + 44 + 63 + 111 + 240 \\
 500 &:= 4^3 + 4^4 + 10^1 + 13^2 + 18^0 = 43 + 44 + 101 + 132 + 180 \\
 500 &:= 4^4 + 5^2 + 7^2 + 13^2 + 20^0 = 44 + 52 + 72 + 132 + 200 \\
 500 &:= 4^4 + 5^3 + 10^2 + 12^0 + 18^1 = 44 + 53 + 102 + 120 + 181 \\
 500 &:= 4^4 + 9^2 + 9^2 + 9^2 + 18^0 = 44 + 92 + 92 + 92 + 180
 \end{aligned}$$

2.2.402 Number 501

$$\begin{aligned}
 501 &:= 1^2 + 3^5 + 4^4 + 41^0 = 12 + 35 + 44 + 410 \\
 501 &:= 1^4 + 3^5 + 16^2 + 29^0 = 14 + 35 + 162 + 290 \\
 501 &:= 1^6 + 11^2 + 18^1 + 19^2 = 16 + 112 + 181 + 192 \\
 501 &:= 1^6 + 9^2 + 19^1 + 20^2 = 16 + 92 + 191 + 202 \\
 501 &:= 1^8 + 11^0 + 15^1 + 22^2 = 18 + 110 + 151 + 222 \\
 501 &:= 1^8 + 2^8 + 3^5 + 42^0 = 18 + 28 + 35 + 420 \\
 501 &:= 2^2 + 3^5 + 6^3 + 38^1 = 22 + 35 + 63 + 381 \\
 501 &:= 2^5 + 5^3 + 7^3 + 35^0 = 25 + 53 + 73 + 350 \\
 501 &:= 2^7 + 7^3 + 11^0 + 29^1 = 27 + 73 + 110 + 291 \\
 501 &:= 2^8 + 13^0 + 15^2 + 19^1 = 28 + 130 + 152 + 191 \\
 501 &:= 3^5 + 3^5 + 14^1 + 29^0 = 35 + 35 + 141 + 290 \\
 501 &:= 1^0 + 1^6 + 11^2 + 17^1 + 19^2 = 10 + 16 + 112 + 171 + 192 \\
 501 &:= 1^0 + 1^6 + 9^2 + 18^1 + 20^2 = 10 + 16 + 92 + 181 + 202 \\
 501 &:= 1^0 + 1^8 + 11^0 + 14^1 + 22^2 = 10 + 18 + 110 + 141 + 222 \\
 501 &:= 1^0 + 2^8 + 13^0 + 15^2 + 18^1 = 10 + 28 + 130 + 152 + 181 \\
 501 &:= 1^1 + 1^5 + 11^2 + 17^1 + 19^2 = 11 + 15 + 112 + 171 + 192 \\
 501 &:= 1^1 + 1^5 + 9^2 + 18^1 + 20^2 = 11 + 15 + 92 + 181 + 202 \\
 501 &:= 1^1 + 1^7 + 11^0 + 14^1 + 22^2 = 11 + 17 + 110 + 141 + 222 \\
 501 &:= 1^1 + 2^2 + 2^5 + 21^2 + 23^1 = 11 + 22 + 25 + 212 + 231
 \end{aligned}$$

$$\begin{aligned}
 501 &:= 1^1 + 2^5 + 14^2 + 16^1 + 16^2 = 11 + 25 + 142 + 161 + 162 \\
 501 &:= 1^1 + 2^5 + 7^2 + 19^1 + 20^2 = 11 + 25 + 72 + 191 + 202 \\
 501 &:= 1^1 + 2^7 + 10^1 + 17^0 + 19^2 = 11 + 27 + 101 + 170 + 192 \\
 501 &:= 1^1 + 3^5 + 6^2 + 14^2 + 25^1 = 11 + 35 + 62 + 142 + 251 \\
 501 &:= 1^1 + 3^5 + 8^2 + 13^2 + 24^1 = 11 + 35 + 82 + 132 + 241 \\
 501 &:= 1^2 + 1^4 + 11^2 + 17^1 + 19^2 = 12 + 14 + 112 + 171 + 192 \\
 501 &:= 1^2 + 1^4 + 9^2 + 18^1 + 20^2 = 12 + 14 + 92 + 181 + 202 \\
 501 &:= 1^2 + 1^6 + 11^0 + 14^1 + 22^2 = 12 + 16 + 110 + 141 + 222 \\
 501 &:= 1^2 + 2^4 + 12^2 + 16^1 + 18^2 = 12 + 24 + 122 + 161 + 182 \\
 501 &:= 1^2 + 4^3 + 5^3 + 17^2 + 22^1 = 12 + 43 + 53 + 172 + 221 \\
 501 &:= 1^2 + 4^3 + 6^3 + 14^2 + 24^1 = 12 + 43 + 63 + 142 + 241 \\
 501 &:= 1^2 + 4^4 + 10^2 + 11^2 + 23^1 = 12 + 44 + 102 + 112 + 231 \\
 501 &:= 1^3 + 1^3 + 11^2 + 17^1 + 19^2 = 13 + 13 + 112 + 171 + 192 \\
 501 &:= 1^3 + 1^3 + 9^2 + 18^1 + 20^2 = 13 + 13 + 92 + 181 + 202 \\
 501 &:= 1^3 + 1^5 + 11^0 + 14^1 + 22^2 = 13 + 15 + 110 + 141 + 222 \\
 501 &:= 1^3 + 2^2 + 6^3 + 16^2 + 24^1 = 13 + 22 + 63 + 162 + 241 \\
 501 &:= 1^3 + 3^2 + 7^3 + 11^2 + 27^1 = 13 + 32 + 73 + 112 + 271 \\
 501 &:= 1^3 + 3^3 + 13^2 + 15^1 + 17^2 = 13 + 33 + 132 + 151 + 172 \\
 501 &:= 1^3 + 3^3 + 6^3 + 16^2 + 23^0 = 13 + 33 + 63 + 162 + 230
 \end{aligned}$$

$$\begin{aligned} 501 &:= 1^3 + 4^2 + 4^3 + 20^1 + 20^2 = 13 + 42 + 43 + 201 + 202 \\ 501 &:= 1^3 + 4^3 + 14^2 + 15^1 + 15^2 = 13 + 43 + 142 + 151 + 152 \\ 501 &:= 1^3 + 4^4 + 6^3 + 11^0 + 27^1 = 13 + 44 + 63 + 110 + 271 \\ 501 &:= 1^3 + 6^3 + 11^2 + 12^2 + 19^1 = 13 + 63 + 112 + 122 + 191 \\ 501 &:= 1^4 + 1^4 + 11^0 + 14^1 + 22^2 = 14 + 14 + 110 + 141 + 222 \\ 501 &:= 1^4 + 10^1 + 11^2 + 12^2 + 15^2 = 14 + 101 + 112 + 122 + 152 \\ 501 &:= 1^4 + 10^2 + 10^2 + 11^1 + 17^2 = 14 + 102 + 102 + 111 + 172 \\ 501 &:= 1^4 + 2^2 + 15^1 + 15^2 + 16^2 = 14 + 22 + 151 + 152 + 162 \\ 501 &:= 1^4 + 2^2 + 6^2 + 19^1 + 21^2 = 14 + 22 + 62 + 191 + 212 \\ 501 &:= 1^4 + 3^4 + 7^0 + 18^1 + 20^2 = 14 + 34 + 70 + 181 + 202 \\ 501 &:= 1^4 + 4^2 + 5^2 + 18^1 + 21^2 = 14 + 42 + 52 + 181 + 212 \\ 501 &:= 1^4 + 4^4 + 11^0 + 15^2 + 18^1 = 14 + 44 + 110 + 152 + 181 \\ 501 &:= 1^4 + 5^2 + 10^2 + 14^1 + 19^2 = 14 + 52 + 102 + 141 + 192 \\ 501 &:= 1^4 + 6^2 + 12^1 + 14^2 + 16^2 = 14 + 62 + 121 + 142 + 162 \\ 501 &:= 1^4 + 6^2 + 7^2 + 15^1 + 20^2 = 14 + 62 + 72 + 151 + 202 \\ 501 &:= 1^4 + 8^2 + 10^2 + 12^1 + 18^2 = 14 + 82 + 102 + 121 + 182 \\ 501 &:= 1^4 + 8^2 + 11^1 + 13^2 + 16^2 = 14 + 82 + 111 + 132 + 162 \\ 501 &:= 1^5 + 2^1 + 11^2 + 16^1 + 19^2 = 15 + 21 + 112 + 161 + 192 \\ 501 &:= 1^5 + 2^1 + 9^2 + 17^1 + 20^2 = 15 + 21 + 92 + 171 + 202 \\ 501 &:= 1^5 + 2^3 + 7^1 + 17^0 + 22^2 = 15 + 23 + 71 + 170 + 222 \\ 501 &:= 1^5 + 3^1 + 11^2 + 15^1 + 19^2 = 15 + 31 + 112 + 151 + 192 \\ 501 &:= 1^5 + 3^1 + 9^2 + 16^1 + 20^2 = 15 + 31 + 92 + 161 + 202 \\ 501 &:= 1^5 + 3^2 + 7^2 + 17^0 + 21^2 = 15 + 32 + 72 + 170 + 212 \\ 501 &:= 1^5 + 4^1 + 11^2 + 14^1 + 19^2 = 15 + 41 + 112 + 141 + 192 \\ 501 &:= 1^5 + 4^1 + 9^2 + 15^1 + 20^2 = 15 + 41 + 92 + 151 + 202 \\ 501 &:= 1^5 + 5^1 + 11^2 + 13^1 + 19^2 = 15 + 51 + 112 + 131 + 192 \\ 501 &:= 1^5 + 5^1 + 9^2 + 14^1 + 20^2 = 15 + 51 + 92 + 141 + 202 \\ 501 &:= 1^5 + 5^3 + 11^0 + 13^1 + 19^2 = 15 + 53 + 110 + 131 + 192 \\ 501 &:= 1^5 + 6^1 + 11^2 + 12^1 + 19^2 = 15 + 61 + 112 + 121 + 192 \\ 501 &:= 1^5 + 6^1 + 9^2 + 13^1 + 20^2 = 15 + 61 + 92 + 131 + 202 \\ 501 &:= 1^5 + 7^1 + 11^1 + 11^2 + 19^2 = 15 + 71 + 111 + 112 + 192 \\ 501 &:= 1^5 + 7^1 + 9^2 + 12^1 + 20^2 = 15 + 71 + 92 + 121 + 202 \\ 501 &:= 1^5 + 7^2 + 11^0 + 15^2 + 15^2 = 15 + 72 + 110 + 152 + 152 \\ 501 &:= 1^5 + 7^3 + 12^1 + 12^2 + 17^0 = 15 + 73 + 121 + 122 + 170 \\ 501 &:= 1^5 + 8^1 + 10^1 + 11^2 + 19^2 = 15 + 81 + 101 + 112 + 192 \\ 501 &:= 1^5 + 8^1 + 9^2 + 11^1 + 20^2 = 15 + 81 + 92 + 111 + 202 \\ 501 &:= 1^5 + 9^1 + 9^1 + 11^2 + 19^2 = 15 + 91 + 91 + 112 + 192 \\ 501 &:= 1^5 + 9^1 + 9^2 + 10^1 + 20^2 = 15 + 91 + 92 + 101 + 202 \end{aligned}$$

$$\begin{aligned} 501 &:= 1^6 + 2^2 + 11^1 + 13^0 + 22^2 = 16 + 22 + 111 + 130 + 222 \\ 501 &:= 1^6 + 3^0 + 14^1 + 14^2 + 17^2 = 16 + 30 + 141 + 142 + 172 \\ 501 &:= 1^6 + 3^2 + 6^1 + 17^0 + 22^2 = 16 + 32 + 61 + 170 + 222 \\ 501 &:= 1^6 + 6^1 + 11^0 + 13^2 + 18^2 = 16 + 61 + 110 + 132 + 182 \\ 501 &:= 1^6 + 7^2 + 9^1 + 11^0 + 21^2 = 16 + 72 + 91 + 110 + 212 \\ 501 &:= 1^7 + 2^1 + 11^0 + 13^1 + 22^2 = 17 + 21 + 110 + 131 + 222 \\ 501 &:= 1^7 + 3^1 + 11^0 + 12^1 + 22^2 = 17 + 31 + 110 + 121 + 222 \\ 501 &:= 1^7 + 4^1 + 11^0 + 11^1 + 22^2 = 17 + 41 + 110 + 111 + 222 \\ 501 &:= 1^7 + 5^1 + 10^1 + 11^0 + 22^2 = 17 + 51 + 101 + 110 + 222 \\ 501 &:= 1^7 + 6^1 + 9^1 + 11^0 + 22^2 = 17 + 61 + 91 + 110 + 222 \\ 501 &:= 1^7 + 7^1 + 8^1 + 11^0 + 22^2 = 17 + 71 + 81 + 110 + 222 \\ 501 &:= 1^8 + 2^0 + 10^0 + 14^1 + 22^2 = 18 + 20 + 100 + 141 + 222 \\ 501 &:= 1^8 + 3^0 + 9^0 + 14^1 + 22^2 = 18 + 30 + 90 + 141 + 222 \\ 501 &:= 1^8 + 4^0 + 8^0 + 14^1 + 22^2 = 18 + 40 + 80 + 141 + 222 \\ 501 &:= 1^8 + 5^0 + 7^0 + 14^1 + 22^2 = 18 + 50 + 70 + 141 + 222 \\ 501 &:= 1^8 + 6^0 + 6^0 + 14^1 + 22^2 = 18 + 60 + 60 + 141 + 222 \\ 501 &:= 1^9 + 1^9 + 10^0 + 14^1 + 22^2 = 19 + 19 + 100 + 141 + 222 \\ 501 &:= 1^9 + 2^8 + 6^3 + 12^0 + 27^1 = 19 + 28 + 63 + 120 + 271 \\ 501 &:= 2^0 + 2^8 + 12^0 + 15^2 + 18^1 = 20 + 28 + 120 + 152 + 181 \\ 501 &:= 2^1 + 2^2 + 2^5 + 21^2 + 22^1 = 21 + 22 + 25 + 212 + 221 \\ 501 &:= 2^1 + 2^2 + 3^5 + 15^2 + 27^1 = 21 + 22 + 35 + 152 + 271 \\ 501 &:= 2^1 + 2^5 + 14^2 + 15^1 + 16^2 = 21 + 25 + 142 + 151 + 162 \\ 501 &:= 2^1 + 2^5 + 7^2 + 18^1 + 20^2 = 21 + 25 + 72 + 181 + 202 \\ 501 &:= 2^1 + 2^7 + 9^1 + 17^0 + 19^2 = 21 + 27 + 91 + 170 + 192 \\ 501 &:= 2^1 + 3^5 + 6^2 + 14^2 + 24^1 = 21 + 35 + 62 + 142 + 241 \\ 501 &:= 2^1 + 3^5 + 8^2 + 13^2 + 23^1 = 21 + 35 + 82 + 132 + 231 \\ 501 &:= 2^2 + 2^3 + 3^3 + 21^1 + 21^2 = 22 + 23 + 33 + 211 + 212 \\ 501 &:= 2^2 + 2^4 + 8^2 + 17^1 + 20^2 = 22 + 24 + 82 + 171 + 202 \\ 501 &:= 2^2 + 2^5 + 10^1 + 14^1 + 21^2 = 22 + 25 + 101 + 141 + 212 \\ 501 &:= 2^2 + 2^5 + 11^1 + 13^1 + 21^2 = 22 + 25 + 111 + 131 + 212 \\ 501 &:= 2^2 + 2^5 + 12^1 + 12^1 + 21^2 = 22 + 25 + 121 + 121 + 212 \\ 501 &:= 2^2 + 2^5 + 3^1 + 21^1 + 21^2 = 22 + 25 + 31 + 211 + 212 \\ 501 &:= 2^2 + 2^5 + 4^1 + 20^1 + 21^2 = 22 + 25 + 41 + 201 + 212 \\ 501 &:= 2^2 + 2^5 + 5^1 + 19^1 + 21^2 = 22 + 25 + 51 + 191 + 212 \\ 501 &:= 2^2 + 2^5 + 6^1 + 18^1 + 21^2 = 22 + 25 + 61 + 181 + 212 \\ 501 &:= 2^2 + 2^5 + 7^1 + 17^1 + 21^2 = 22 + 25 + 71 + 171 + 212 \\ 501 &:= 2^2 + 2^5 + 8^1 + 16^1 + 21^2 = 22 + 25 + 81 + 161 + 212 \\ 501 &:= 2^2 + 2^5 + 8^2 + 17^0 + 20^2 = 22 + 25 + 82 + 170 + 202 \end{aligned}$$

$$\begin{array}{ll}
 501 := 2^2 + 2^5 + 9^1 + 15^1 + 21^2 = 22 + 25 + 91 + 151 + 212 & 501 := 2^5 + 3^1 + 14^1 + 14^2 + 16^2 = 25 + 31 + 141 + 142 + 162 \\
 501 := 2^2 + 3^1 + 3^5 + 15^2 + 26^1 = 22 + 31 + 35 + 152 + 261 & 501 := 2^5 + 3^1 + 7^2 + 17^1 + 20^2 = 25 + 31 + 72 + 171 + 202 \\
 501 := 2^2 + 3^3 + 5^3 + 18^2 + 21^1 = 22 + 33 + 53 + 182 + 211 & 501 := 2^5 + 4^1 + 13^1 + 14^2 + 16^2 = 25 + 41 + 131 + 142 + 162 \\
 501 := 2^2 + 3^3 + 7^3 + 10^2 + 27^1 = 22 + 33 + 73 + 102 + 271 & 501 := 2^5 + 4^1 + 4^3 + 19^0 + 20^2 = 25 + 41 + 43 + 190 + 202 \\
 501 := 2^2 + 3^4 + 12^2 + 16^1 + 16^2 = 22 + 34 + 122 + 161 + 162 & 501 := 2^5 + 4^1 + 7^2 + 16^1 + 20^2 = 25 + 41 + 72 + 161 + 202 \\
 501 := 2^2 + 3^4 + 6^2 + 19^1 + 19^2 = 22 + 34 + 62 + 191 + 192 & 501 := 2^5 + 4^1 + 7^3 + 11^2 + 25^0 = 25 + 41 + 73 + 112 + 250 \\
 501 := 2^2 + 3^5 + 10^1 + 15^2 + 19^1 = 22 + 35 + 101 + 152 + 191 & 501 := 2^5 + 4^2 + 13^0 + 14^2 + 16^2 = 25 + 42 + 130 + 142 + 162 \\
 501 := 2^2 + 3^5 + 11^1 + 15^2 + 18^1 = 22 + 35 + 111 + 152 + 181 & 501 := 2^5 + 5^0 + 5^3 + 18^2 + 19^1 = 25 + 50 + 53 + 182 + 191 \\
 501 := 2^2 + 3^5 + 12^1 + 15^2 + 17^1 = 22 + 35 + 121 + 152 + 171 & 501 := 2^5 + 5^0 + 7^3 + 10^2 + 25^1 = 25 + 50 + 73 + 102 + 251 \\
 501 := 2^2 + 3^5 + 13^1 + 15^2 + 16^1 = 22 + 35 + 131 + 152 + 161 & 501 := 2^5 + 5^1 + 12^1 + 14^2 + 16^2 = 25 + 51 + 121 + 142 + 162 \\
 501 := 2^2 + 3^5 + 14^1 + 15^1 + 15^2 = 22 + 35 + 141 + 151 + 152 & 501 := 2^5 + 5^1 + 7^2 + 15^1 + 20^2 = 25 + 51 + 72 + 151 + 202 \\
 501 := 2^2 + 3^5 + 4^1 + 15^2 + 25^1 = 22 + 35 + 41 + 152 + 251 & 501 := 2^5 + 6^1 + 11^1 + 14^2 + 16^2 = 25 + 61 + 111 + 142 + 162 \\
 501 := 2^2 + 3^5 + 5^1 + 15^2 + 24^1 = 22 + 35 + 51 + 152 + 241 & 501 := 2^5 + 6^1 + 7^2 + 14^1 + 20^2 = 25 + 61 + 72 + 141 + 202 \\
 501 := 2^2 + 3^5 + 6^1 + 15^2 + 23^1 = 22 + 35 + 61 + 152 + 231 & 501 := 2^5 + 7^1 + 10^1 + 14^2 + 16^2 = 25 + 71 + 101 + 142 + 162 \\
 501 := 2^2 + 3^5 + 7^1 + 15^2 + 22^1 = 22 + 35 + 71 + 152 + 221 & 501 := 2^5 + 7^1 + 7^2 + 13^1 + 20^2 = 25 + 71 + 72 + 131 + 202 \\
 501 := 2^2 + 3^5 + 8^1 + 15^2 + 21^1 = 22 + 35 + 81 + 152 + 211 & 501 := 2^5 + 7^2 + 10^1 + 10^1 + 20^2 = 25 + 72 + 101 + 101 + 202 \\
 501 := 2^2 + 3^5 + 9^1 + 15^2 + 20^1 = 22 + 35 + 91 + 152 + 201 & 501 := 2^5 + 7^2 + 8^1 + 12^1 + 20^2 = 25 + 72 + 81 + 121 + 202 \\
 501 := 2^2 + 4^4 + 7^2 + 13^2 + 23^1 = 22 + 44 + 72 + 132 + 231 & 501 := 2^5 + 7^2 + 9^1 + 11^1 + 20^2 = 25 + 72 + 91 + 111 + 202 \\
 501 := 2^2 + 5^3 + 5^3 + 15^2 + 22^1 = 22 + 53 + 53 + 152 + 221 & 501 := 2^5 + 8^1 + 9^1 + 14^2 + 16^2 = 25 + 81 + 91 + 142 + 162 \\
 501 := 2^3 + 2^3 + 5^2 + 19^1 + 21^2 = 23 + 23 + 52 + 191 + 212 & 501 := 2^6 + 3^0 + 14^2 + 15^1 + 15^2 = 26 + 30 + 142 + 151 + 152 \\
 501 := 2^3 + 2^5 + 5^0 + 19^1 + 21^2 = 23 + 25 + 50 + 191 + 212 & 501 := 2^6 + 3^0 + 4^2 + 20^1 + 20^2 = 26 + 30 + 42 + 201 + 202 \\
 501 := 2^3 + 3^2 + 4^3 + 20^1 + 20^2 = 23 + 32 + 43 + 201 + 202 & 501 := 2^6 + 3^1 + 12^2 + 15^0 + 17^2 = 26 + 31 + 122 + 150 + 172 \\
 501 := 2^3 + 3^3 + 14^1 + 14^2 + 16^2 = 23 + 33 + 141 + 142 + 162 & 501 := 2^6 + 5^2 + 11^0 + 11^1 + 20^2 = 26 + 52 + 110 + 111 + 202 \\
 501 := 2^3 + 3^3 + 7^2 + 17^1 + 20^2 = 23 + 33 + 72 + 171 + 202 & 501 := 2^6 + 7^0 + 10^2 + 12^1 + 18^2 = 26 + 70 + 102 + 121 + 182 \\
 501 := 2^3 + 3^5 + 5^0 + 15^2 + 24^1 = 23 + 35 + 50 + 152 + 241 & 501 := 2^6 + 7^0 + 11^1 + 13^2 + 16^2 = 26 + 70 + 111 + 132 + 162 \\
 501 := 2^3 + 4^4 + 6^3 + 17^0 + 20^1 = 23 + 44 + 63 + 170 + 201 & 501 := 2^6 + 8^2 + 9^0 + 11^1 + 19^2 = 26 + 82 + 90 + 111 + 192 \\
 501 := 2^3 + 5^2 + 5^3 + 18^2 + 19^1 = 23 + 52 + 53 + 182 + 191 & 501 := 2^7 + 3^1 + 8^1 + 17^0 + 19^2 = 27 + 31 + 81 + 170 + 192 \\
 501 := 2^3 + 5^2 + 7^3 + 10^2 + 25^1 = 23 + 52 + 73 + 102 + 251 & 501 := 2^7 + 4^1 + 7^1 + 17^0 + 19^2 = 27 + 41 + 71 + 170 + 192 \\
 501 := 2^4 + 3^1 + 3^4 + 20^2 + 21^0 = 24 + 31 + 34 + 202 + 210 & 501 := 2^7 + 5^1 + 6^1 + 17^0 + 19^2 = 27 + 51 + 61 + 170 + 192 \\
 501 := 2^4 + 3^1 + 4^4 + 15^2 + 25^0 = 24 + 31 + 44 + 152 + 250 & 501 := 2^8 + 3^0 + 11^0 + 15^2 + 18^1 = 28 + 30 + 110 + 152 + 181 \\
 501 := 2^4 + 3^2 + 10^2 + 15^1 + 19^2 = 24 + 32 + 102 + 151 + 192 & 501 := 2^8 + 4^0 + 10^0 + 15^2 + 18^1 = 28 + 40 + 100 + 152 + 181 \\
 501 := 2^4 + 3^2 + 4^2 + 19^1 + 21^2 = 24 + 32 + 42 + 191 + 212 & 501 := 2^8 + 5^0 + 9^0 + 15^2 + 18^1 = 28 + 50 + 90 + 152 + 181 \\
 501 := 2^4 + 3^3 + 4^2 + 19^0 + 21^2 = 24 + 33 + 42 + 190 + 212 & 501 := 2^8 + 6^0 + 8^0 + 15^2 + 18^1 = 28 + 60 + 80 + 152 + 181 \\
 501 := 2^4 + 5^3 + 7^3 + 16^1 + 19^0 = 24 + 53 + 73 + 161 + 190 & 501 := 2^8 + 7^0 + 7^0 + 15^2 + 18^1 = 28 + 70 + 70 + 152 + 181 \\
 501 := 2^4 + 7^2 + 10^2 + 12^1 + 18^2 = 24 + 72 + 102 + 121 + 182 & 501 := 3^0 + 3^5 + 3^5 + 13^1 + 27^0 = 30 + 35 + 35 + 131 + 270 \\
 501 := 2^4 + 7^2 + 11^1 + 13^2 + 16^2 = 24 + 72 + 111 + 132 + 162 & 501 := 3^1 + 3^5 + 6^2 + 14^2 + 23^1 = 31 + 35 + 62 + 142 + 231 \\
 501 := 2^4 + 8^2 + 11^1 + 11^2 + 17^2 = 24 + 82 + 111 + 112 + 172 & 501 := 3^1 + 3^5 + 8^2 + 13^2 + 22^1 = 31 + 35 + 82 + 132 + 221 \\
 501 := 2^4 + 9^2 + 10^1 + 13^2 + 15^2 = 24 + 92 + 101 + 132 + 152 & 501 := 3^2 + 4^2 + 4^4 + 14^2 + 24^1 = 32 + 42 + 44 + 142 + 241
 \end{array}$$

$$\begin{aligned}
 501 &:= 3^3 + 3^3 + 12^2 + 14^1 + 17^2 = 33 + 33 + 122 + 141 + 172 & 501 &:= 3^5 + 5^2 + 6^2 + 14^2 + 21^0 = 35 + 52 + 62 + 142 + 210 \\
 501 &:= 3^3 + 3^4 + 14^2 + 14^2 + 15^0 = 33 + 34 + 142 + 142 + 150 & 501 &:= 3^5 + 5^2 + 6^3 + 16^1 + 19^0 = 35 + 52 + 63 + 161 + 190 \\
 501 &:= 3^3 + 3^5 + 5^1 + 15^2 + 23^0 = 33 + 35 + 51 + 152 + 230 & 501 &:= 3^5 + 5^3 + 11^1 + 11^2 + 19^0 = 35 + 53 + 111 + 112 + 190 \\
 501 &:= 3^3 + 5^2 + 7^3 + 9^2 + 25^1 = 33 + 52 + 73 + 92 + 251 & 501 &:= 3^5 + 6^1 + 6^2 + 14^2 + 20^1 = 35 + 61 + 62 + 142 + 201 \\
 501 &:= 3^4 + 11^1 + 11^2 + 12^2 + 12^2 = 34 + 111 + 112 + 122 + 122 & 501 &:= 3^5 + 6^1 + 8^2 + 13^2 + 19^1 = 35 + 61 + 82 + 132 + 191 \\
 501 &:= 3^4 + 3^4 + 11^0 + 14^1 + 18^2 = 34 + 34 + 110 + 141 + 182 & 501 &:= 3^5 + 6^2 + 10^1 + 14^2 + 16^1 = 35 + 62 + 101 + 142 + 161 \\
 501 &:= 3^4 + 4^2 + 10^2 + 15^1 + 17^2 = 34 + 42 + 102 + 151 + 172 & 501 &:= 3^5 + 6^2 + 10^2 + 11^2 + 19^0 = 35 + 62 + 102 + 112 + 190 \\
 501 &:= 3^4 + 4^2 + 5^2 + 18^1 + 19^2 = 34 + 42 + 52 + 181 + 192 & 501 &:= 3^5 + 6^2 + 11^1 + 14^2 + 15^1 = 35 + 62 + 111 + 142 + 151 \\
 501 &:= 3^4 + 4^2 + 8^2 + 16^1 + 18^2 = 34 + 42 + 82 + 161 + 182 & 501 &:= 3^5 + 6^2 + 12^1 + 14^1 + 14^2 = 35 + 62 + 121 + 141 + 142 \\
 501 &:= 3^4 + 4^3 + 7^3 + 12^1 + 23^0 = 34 + 43 + 73 + 121 + 230 & 501 &:= 3^5 + 6^2 + 13^1 + 13^1 + 14^2 = 35 + 62 + 131 + 131 + 142 \\
 501 &:= 3^4 + 4^4 + 11^0 + 12^2 + 19^1 = 34 + 44 + 110 + 122 + 191 & 501 &:= 3^5 + 6^2 + 7^1 + 14^2 + 19^1 = 35 + 62 + 71 + 142 + 191 \\
 501 &:= 3^4 + 6^2 + 9^2 + 14^1 + 17^2 = 34 + 62 + 92 + 141 + 172 & 501 &:= 3^5 + 6^2 + 8^1 + 14^2 + 18^1 = 35 + 62 + 81 + 142 + 181 \\
 501 &:= 3^5 + 3^5 + 10^0 + 13^1 + 20^0 = 35 + 35 + 100 + 131 + 200 & 501 &:= 3^5 + 6^2 + 9^1 + 14^2 + 17^1 = 35 + 62 + 91 + 142 + 171 \\
 501 &:= 3^5 + 3^5 + 11^0 + 13^1 + 19^0 = 35 + 35 + 110 + 131 + 190 & 501 &:= 3^5 + 7^1 + 8^2 + 13^2 + 18^1 = 35 + 71 + 82 + 132 + 181 \\
 501 &:= 3^5 + 3^5 + 12^0 + 13^1 + 18^0 = 35 + 35 + 120 + 131 + 180 & 501 &:= 3^5 + 7^2 + 8^2 + 12^2 + 19^0 = 35 + 72 + 82 + 122 + 190 \\
 501 &:= 3^5 + 3^5 + 13^0 + 13^1 + 17^0 = 35 + 35 + 130 + 131 + 170 & 501 &:= 3^5 + 8^1 + 8^2 + 13^2 + 17^1 = 35 + 81 + 82 + 132 + 171 \\
 501 &:= 3^5 + 3^5 + 13^1 + 14^0 + 16^0 = 35 + 35 + 131 + 140 + 160 & 501 &:= 3^5 + 8^2 + 10^1 + 13^2 + 15^1 = 35 + 82 + 101 + 132 + 151 \\
 501 &:= 3^5 + 3^5 + 13^1 + 15^0 + 15^0 = 35 + 35 + 131 + 150 + 150 & 501 &:= 3^5 + 8^2 + 11^1 + 13^2 + 14^1 = 35 + 82 + 111 + 132 + 141 \\
 501 &:= 3^5 + 3^5 + 4^0 + 13^1 + 26^0 = 35 + 35 + 40 + 131 + 260 & 501 &:= 3^5 + 8^2 + 12^1 + 13^1 + 13^2 = 35 + 82 + 121 + 131 + 132 \\
 501 &:= 3^5 + 3^5 + 5^0 + 13^1 + 25^0 = 35 + 35 + 50 + 131 + 250 & 501 &:= 3^5 + 8^2 + 9^1 + 13^2 + 16^1 = 35 + 82 + 91 + 132 + 161 \\
 501 &:= 3^5 + 3^5 + 6^0 + 13^1 + 24^0 = 35 + 35 + 60 + 131 + 240 & 501 &:= 4^2 + 4^4 + 8^2 + 12^2 + 21^1 = 42 + 44 + 82 + 122 + 211 \\
 501 &:= 3^5 + 3^5 + 7^0 + 13^1 + 23^0 = 35 + 35 + 70 + 131 + 230 & 501 &:= 4^2 + 5^3 + 6^3 + 11^2 + 23^1 = 42 + 53 + 63 + 112 + 231 \\
 501 &:= 3^5 + 3^5 + 8^0 + 13^1 + 22^0 = 35 + 35 + 80 + 131 + 220 & 501 &:= 4^3 + 4^4 + 6^2 + 12^2 + 23^0 = 43 + 44 + 62 + 122 + 230 \\
 501 &:= 3^5 + 3^5 + 9^0 + 13^1 + 21^0 = 35 + 35 + 90 + 131 + 210 & 501 &:= 4^3 + 5^3 + 10^2 + 14^2 + 16^1 = 43 + 53 + 102 + 142 + 161 \\
 501 &:= 3^5 + 4^1 + 6^2 + 14^2 + 22^1 = 35 + 41 + 62 + 142 + 221 & 501 &:= 4^3 + 6^3 + 9^2 + 11^2 + 19^1 = 43 + 63 + 92 + 112 + 191 \\
 501 &:= 3^5 + 4^1 + 8^2 + 13^2 + 21^1 = 35 + 41 + 82 + 132 + 211 & 501 &:= 4^4 + 5^2 + 10^2 + 10^2 + 20^1 = 44 + 52 + 102 + 102 + 201 \\
 501 &:= 3^5 + 4^2 + 4^2 + 15^2 + 23^0 = 35 + 42 + 42 + 152 + 230 & 501 &:= 4^4 + 8^2 + 9^2 + 9^2 + 19^1 = 44 + 82 + 92 + 92 + 191 \\
 501 &:= 3^5 + 4^2 + 6^3 + 11^0 + 25^1 = 35 + 42 + 63 + 110 + 251 & 501 &:= 5^3 + 5^3 + 6^2 + 14^2 + 19^1 = 53 + 53 + 62 + 142 + 191 \\
 501 &:= 3^5 + 4^3 + 5^0 + 13^2 + 24^1 = 35 + 43 + 50 + 132 + 241 & 501 &:= 5^3 + 5^3 + 8^2 + 13^2 + 18^1 = 53 + 53 + 82 + 132 + 181 \\
 501 &:= 3^5 + 5^1 + 6^2 + 14^2 + 21^1 = 35 + 51 + 62 + 142 + 211 & & \\
 501 &:= 3^5 + 5^1 + 8^2 + 13^2 + 20^1 = 35 + 51 + 82 + 132 + 201 & &
 \end{aligned}$$

2.2.403 Number 502

$$\begin{aligned}
 502 &:= 1^6 + 2^4 + 22^2 + 24^0 = 16 + 24 + 222 + 240 & 502 &:= 2^8 + 7^2 + 14^2 + 26^0 = 28 + 72 + 142 + 260 \\
 502 &:= 1^8 + 10^2 + 18^0 + 20^2 = 18 + 102 + 180 + 202 & 502 &:= 1^0 + 1^9 + 10^0 + 15^1 + 22^2 = 10 + 19 + 100 + 151 + 222 \\
 502 &:= 1^8 + 4^2 + 22^0 + 22^2 = 18 + 42 + 220 + 222 & 502 &:= 1^0 + 2^8 + 10^2 + 12^2 + 24^0 = 10 + 28 + 102 + 122 + 240 \\
 502 &:= 1^9 + 10^0 + 16^1 + 22^2 = 19 + 100 + 161 + 222 & 502 &:= 1^1 + 1^8 + 10^0 + 15^1 + 22^2 = 11 + 18 + 100 + 151 + 222 \\
 502 &:= 2^8 + 6^3 + 12^0 + 29^1 = 28 + 63 + 120 + 291 & 502 &:= 1^1 + 2^8 + 12^0 + 15^2 + 19^1 = 11 + 28 + 120 + 152 + 191
 \end{aligned}$$

$$\begin{aligned} 502 &:= 1^2 + 1^7 + 10^0 + 15^1 + 22^2 = 12 + 17 + 100 + 151 + 222 \\ 502 &:= 1^2 + 2^5 + 3^3 + 21^2 + 22^0 = 12 + 25 + 33 + 212 + 220 \\ 502 &:= 1^2 + 2^6 + 6^2 + 20^0 + 20^2 = 12 + 26 + 62 + 200 + 202 \\ 502 &:= 1^2 + 2^7 + 11^1 + 16^0 + 19^2 = 12 + 27 + 111 + 160 + 192 \\ 502 &:= 1^3 + 1^6 + 10^0 + 15^1 + 22^2 = 13 + 16 + 100 + 151 + 222 \\ 502 &:= 1^3 + 2^5 + 12^2 + 16^0 + 18^2 = 13 + 25 + 122 + 160 + 182 \\ 502 &:= 1^3 + 3^5 + 4^4 + 14^0 + 27^0 = 13 + 35 + 44 + 140 + 270 \\ 502 &:= 1^3 + 3^5 + 4^4 + 15^0 + 26^0 = 13 + 35 + 44 + 150 + 260 \\ 502 &:= 1^3 + 3^5 + 4^4 + 16^0 + 25^0 = 13 + 35 + 44 + 160 + 250 \\ 502 &:= 1^3 + 3^5 + 4^4 + 17^0 + 24^0 = 13 + 35 + 44 + 170 + 240 \\ 502 &:= 1^3 + 3^5 + 4^4 + 18^0 + 23^0 = 13 + 35 + 44 + 180 + 230 \\ 502 &:= 1^3 + 3^5 + 4^4 + 19^0 + 22^0 = 13 + 35 + 44 + 190 + 220 \\ 502 &:= 1^3 + 3^5 + 4^4 + 20^0 + 21^0 = 13 + 35 + 44 + 200 + 210 \\ 502 &:= 1^4 + 1^5 + 10^0 + 15^1 + 22^2 = 14 + 15 + 100 + 151 + 222 \\ 502 &:= 1^4 + 2^3 + 2^3 + 22^0 + 22^2 = 14 + 23 + 23 + 220 + 222 \\ 502 &:= 1^4 + 4^4 + 10^2 + 12^2 + 22^0 = 14 + 44 + 102 + 122 + 220 \\ 502 &:= 1^5 + 2^0 + 3^5 + 16^2 + 27^0 = 15 + 20 + 35 + 162 + 270 \\ 502 &:= 1^5 + 3^0 + 3^5 + 16^2 + 26^0 = 15 + 30 + 35 + 162 + 260 \\ 502 &:= 1^5 + 3^4 + 6^0 + 19^1 + 20^2 = 15 + 34 + 60 + 191 + 202 \\ 502 &:= 1^5 + 3^5 + 10^0 + 16^2 + 19^0 = 15 + 35 + 100 + 162 + 190 \\ 502 &:= 1^5 + 3^5 + 11^0 + 16^2 + 18^0 = 15 + 35 + 110 + 162 + 180 \\ 502 &:= 1^5 + 3^5 + 12^0 + 16^2 + 17^0 = 15 + 35 + 120 + 162 + 170 \\ 502 &:= 1^5 + 3^5 + 13^0 + 16^0 + 16^2 = 15 + 35 + 130 + 160 + 162 \\ 502 &:= 1^5 + 3^5 + 14^0 + 15^0 + 16^2 = 15 + 35 + 140 + 150 + 162 \\ 502 &:= 1^5 + 3^5 + 4^0 + 16^2 + 25^0 = 15 + 35 + 40 + 162 + 250 \\ 502 &:= 1^5 + 3^5 + 5^0 + 16^2 + 24^0 = 15 + 35 + 50 + 162 + 240 \\ 502 &:= 1^5 + 3^5 + 6^0 + 16^2 + 23^0 = 15 + 35 + 60 + 162 + 230 \\ 502 &:= 1^5 + 3^5 + 7^0 + 16^2 + 22^0 = 15 + 35 + 70 + 162 + 220 \\ 502 &:= 1^5 + 3^5 + 8^0 + 16^2 + 21^0 = 15 + 35 + 80 + 162 + 210 \\ 502 &:= 1^5 + 3^5 + 9^0 + 16^2 + 20^0 = 15 + 35 + 90 + 162 + 200 \\ 502 &:= 1^5 + 4^3 + 6^2 + 18^0 + 20^2 = 15 + 43 + 62 + 180 + 202 \\ 502 &:= 1^5 + 4^4 + 10^0 + 15^2 + 19^1 = 15 + 44 + 100 + 152 + 191 \\ 502 &:= 1^5 + 6^2 + 7^3 + 11^2 + 24^0 = 15 + 62 + 73 + 112 + 240 \\ 502 &:= 1^6 + 1^9 + 3^5 + 16^2 + 27^0 = 16 + 19 + 35 + 162 + 270 \\ 502 &:= 1^6 + 10^0 + 10^2 + 12^2 + 16^2 = 16 + 100 + 102 + 122 + 162 \\ 502 &:= 1^6 + 2^3 + 8^1 + 16^0 + 22^2 = 16 + 23 + 81 + 160 + 222 \\ 502 &:= 1^6 + 5^3 + 10^0 + 14^1 + 19^2 = 16 + 53 + 100 + 141 + 192 \\ 502 &:= 1^6 + 6^2 + 8^2 + 14^0 + 20^2 = 16 + 62 + 82 + 140 + 202 \end{aligned}$$

$$\begin{aligned} 502 &:= 1^6 + 7^3 + 12^2 + 13^1 + 16^0 = 16 + 73 + 122 + 131 + 160 \\ 502 &:= 1^7 + 1^8 + 3^5 + 16^2 + 27^0 = 17 + 18 + 35 + 162 + 270 \\ 502 &:= 1^7 + 2^0 + 14^2 + 15^1 + 17^2 = 17 + 20 + 142 + 151 + 172 \\ 502 &:= 1^7 + 2^2 + 12^0 + 12^1 + 22^2 = 17 + 22 + 120 + 121 + 222 \\ 502 &:= 1^7 + 3^2 + 7^1 + 16^0 + 22^2 = 17 + 32 + 71 + 160 + 222 \\ 502 &:= 1^7 + 7^1 + 10^0 + 13^2 + 18^2 = 17 + 71 + 100 + 132 + 182 \\ 502 &:= 1^7 + 7^2 + 10^0 + 10^1 + 21^2 = 17 + 72 + 100 + 101 + 212 \\ 502 &:= 1^8 + 1^9 + 14^2 + 15^1 + 17^2 = 18 + 19 + 142 + 151 + 172 \\ 502 &:= 1^8 + 2^1 + 10^0 + 14^1 + 22^2 = 18 + 21 + 100 + 141 + 222 \\ 502 &:= 1^8 + 3^1 + 10^0 + 13^1 + 22^2 = 18 + 31 + 100 + 131 + 222 \\ 502 &:= 1^8 + 4^1 + 10^0 + 12^1 + 22^2 = 18 + 41 + 100 + 121 + 222 \\ 502 &:= 1^8 + 5^1 + 10^0 + 11^1 + 22^2 = 18 + 51 + 100 + 111 + 222 \\ 502 &:= 1^8 + 6^1 + 10^0 + 10^1 + 22^2 = 18 + 61 + 100 + 101 + 222 \\ 502 &:= 1^8 + 7^1 + 9^1 + 10^0 + 22^2 = 18 + 71 + 91 + 100 + 222 \\ 502 &:= 1^8 + 8^1 + 8^1 + 10^0 + 22^2 = 18 + 81 + 81 + 100 + 222 \\ 502 &:= 1^9 + 2^0 + 9^0 + 15^1 + 22^2 = 19 + 20 + 90 + 151 + 222 \\ 502 &:= 1^9 + 2^8 + 10^2 + 11^2 + 24^1 = 19 + 28 + 102 + 112 + 241 \\ 502 &:= 1^9 + 2^8 + 3^5 + 15^0 + 27^0 = 19 + 28 + 35 + 150 + 270 \\ 502 &:= 1^9 + 2^8 + 3^5 + 16^0 + 26^0 = 19 + 28 + 35 + 160 + 260 \\ 502 &:= 1^9 + 2^8 + 3^5 + 17^0 + 25^0 = 19 + 28 + 35 + 170 + 250 \\ 502 &:= 1^9 + 2^8 + 3^5 + 18^0 + 24^0 = 19 + 28 + 35 + 180 + 240 \\ 502 &:= 1^9 + 2^8 + 3^5 + 19^0 + 23^0 = 19 + 28 + 35 + 190 + 230 \\ 502 &:= 1^9 + 2^8 + 3^5 + 20^0 + 22^0 = 19 + 28 + 35 + 200 + 220 \\ 502 &:= 1^9 + 2^8 + 3^5 + 21^0 + 21^0 = 19 + 28 + 35 + 210 + 210 \\ 502 &:= 1^9 + 3^0 + 8^0 + 15^1 + 22^2 = 19 + 30 + 80 + 151 + 222 \\ 502 &:= 1^9 + 4^0 + 7^0 + 15^1 + 22^2 = 19 + 40 + 70 + 151 + 222 \\ 502 &:= 1^9 + 5^0 + 6^0 + 15^1 + 22^2 = 19 + 50 + 60 + 151 + 222 \\ 502 &:= 2^0 + 2^5 + 3^5 + 15^2 + 27^0 = 20 + 25 + 35 + 152 + 270 \\ 502 &:= 2^0 + 2^6 + 5^3 + 17^2 + 23^1 = 20 + 26 + 53 + 172 + 231 \\ 502 &:= 2^0 + 2^6 + 6^3 + 14^2 + 25^1 = 20 + 26 + 63 + 142 + 251 \\ 502 &:= 2^0 + 2^7 + 8^2 + 17^2 + 20^1 = 20 + 27 + 82 + 172 + 201 \\ 502 &:= 2^0 + 2^8 + 10^2 + 12^2 + 23^0 = 20 + 28 + 102 + 122 + 230 \\ 502 &:= 2^1 + 2^8 + 12^0 + 15^2 + 18^1 = 21 + 28 + 120 + 152 + 181 \\ 502 &:= 2^2 + 2^4 + 3^4 + 20^2 + 22^0 = 22 + 24 + 34 + 202 + 220 \\ 502 &:= 2^2 + 2^4 + 4^4 + 15^2 + 26^0 = 22 + 24 + 44 + 152 + 260 \\ 502 &:= 2^2 + 2^6 + 12^2 + 16^0 + 17^2 = 22 + 26 + 122 + 160 + 172 \\ 502 &:= 2^2 + 2^7 + 8^1 + 18^0 + 19^2 = 22 + 27 + 81 + 180 + 192 \\ 502 &:= 2^3 + 2^5 + 10^2 + 16^0 + 19^2 = 23 + 25 + 102 + 160 + 192 \end{aligned}$$

$$\begin{aligned}
 502 &:= 2^3 + 3^4 + 6^3 + 14^2 + 24^0 = 23 + 34 + 63 + 142 + 240 & 502 &:= 2^7 + 6^1 + 7^3 + 10^0 + 24^1 = 27 + 61 + 73 + 100 + 241 \\
 502 &:= 2^3 + 3^5 + 5^2 + 15^2 + 24^0 = 23 + 35 + 52 + 152 + 240 & 502 &:= 2^7 + 6^2 + 10^0 + 13^1 + 18^2 = 27 + 62 + 100 + 131 + 182 \\
 502 &:= 2^3 + 3^5 + 9^2 + 13^2 + 22^0 = 23 + 35 + 92 + 132 + 220 & 502 &:= 2^7 + 7^1 + 7^3 + 10^0 + 23^1 = 27 + 71 + 73 + 100 + 231 \\
 502 &:= 2^4 + 2^5 + 12^0 + 12^1 + 21^2 = 24 + 25 + 120 + 121 + 212 & 502 &:= 2^7 + 7^3 + 10^0 + 10^1 + 20^1 = 27 + 73 + 100 + 101 + 201 \\
 502 &:= 2^4 + 3^5 + 12^0 + 15^2 + 17^1 = 24 + 35 + 120 + 152 + 171 & 502 &:= 2^7 + 7^3 + 10^0 + 11^1 + 19^1 = 27 + 73 + 100 + 111 + 191 \\
 502 &:= 2^4 + 4^4 + 6^3 + 13^1 + 24^0 = 24 + 44 + 63 + 131 + 240 & 502 &:= 2^7 + 7^3 + 10^0 + 12^1 + 18^1 = 27 + 73 + 100 + 121 + 181 \\
 502 &:= 2^4 + 5^3 + 6^3 + 12^2 + 24^0 = 24 + 53 + 63 + 122 + 240 & 502 &:= 2^7 + 7^3 + 10^0 + 13^1 + 17^1 = 27 + 73 + 100 + 131 + 171 \\
 502 &:= 2^5 + 3^0 + 3^5 + 15^2 + 26^0 = 25 + 30 + 35 + 152 + 260 & 502 &:= 2^7 + 7^3 + 10^0 + 14^1 + 16^1 = 27 + 73 + 100 + 141 + 161 \\
 502 &:= 2^5 + 3^3 + 9^2 + 16^0 + 19^2 = 25 + 33 + 92 + 160 + 192 & 502 &:= 2^7 + 7^3 + 10^0 + 15^1 + 15^1 = 27 + 73 + 100 + 151 + 151 \\
 502 &:= 2^5 + 3^5 + 10^0 + 15^2 + 19^0 = 25 + 35 + 100 + 152 + 190 & 502 &:= 2^7 + 7^3 + 8^1 + 10^0 + 22^1 = 27 + 73 + 81 + 100 + 221 \\
 502 &:= 2^5 + 3^5 + 11^0 + 15^2 + 18^0 = 25 + 35 + 110 + 152 + 180 & 502 &:= 2^7 + 7^3 + 9^1 + 10^0 + 21^1 = 27 + 73 + 91 + 100 + 211 \\
 502 &:= 2^5 + 3^5 + 12^0 + 15^2 + 17^0 = 25 + 35 + 120 + 152 + 170 & 502 &:= 2^7 + 8^1 + 12^0 + 13^2 + 14^2 = 27 + 81 + 120 + 132 + 142 \\
 502 &:= 2^5 + 3^5 + 13^0 + 15^2 + 16^0 = 25 + 35 + 130 + 152 + 160 & 502 &:= 2^8 + 10^0 + 10^2 + 12^2 + 15^0 = 28 + 100 + 102 + 122 + 150 \\
 502 &:= 2^5 + 3^5 + 14^0 + 15^0 + 15^2 = 25 + 35 + 140 + 150 + 152 & 502 &:= 2^8 + 10^1 + 10^1 + 12^0 + 15^2 = 28 + 101 + 101 + 120 + 152 \\
 502 &:= 2^5 + 3^5 + 4^0 + 15^2 + 25^0 = 25 + 35 + 40 + 152 + 250 & 502 &:= 2^8 + 10^2 + 11^0 + 12^2 + 14^0 = 28 + 102 + 110 + 122 + 140 \\
 502 &:= 2^5 + 3^5 + 5^0 + 15^2 + 24^0 = 25 + 35 + 50 + 152 + 240 & 502 &:= 2^8 + 10^2 + 12^0 + 12^2 + 13^0 = 28 + 102 + 120 + 122 + 130 \\
 502 &:= 2^5 + 3^5 + 6^0 + 15^2 + 23^0 = 25 + 35 + 60 + 152 + 230 & 502 &:= 2^8 + 3^0 + 10^2 + 12^2 + 22^0 = 28 + 30 + 102 + 122 + 220 \\
 502 &:= 2^5 + 3^5 + 7^0 + 15^2 + 22^0 = 25 + 35 + 70 + 152 + 220 & 502 &:= 2^8 + 3^1 + 12^0 + 15^2 + 17^1 = 28 + 31 + 120 + 152 + 171 \\
 502 &:= 2^5 + 3^5 + 8^0 + 15^2 + 21^0 = 25 + 35 + 80 + 152 + 210 & 502 &:= 2^8 + 4^0 + 10^2 + 12^2 + 21^0 = 28 + 40 + 102 + 122 + 210 \\
 502 &:= 2^5 + 3^5 + 9^0 + 15^2 + 20^0 = 25 + 35 + 90 + 152 + 200 & 502 &:= 2^8 + 4^1 + 12^0 + 15^2 + 16^1 = 28 + 41 + 120 + 152 + 161 \\
 502 &:= 2^5 + 4^3 + 9^2 + 16^0 + 18^2 = 25 + 43 + 92 + 160 + 182 & 502 &:= 2^8 + 5^0 + 10^2 + 12^2 + 20^0 = 28 + 50 + 102 + 122 + 200 \\
 502 &:= 2^5 + 4^4 + 12^0 + 14^2 + 17^1 = 25 + 44 + 120 + 142 + 171 & 502 &:= 2^8 + 5^1 + 12^0 + 15^1 + 15^2 = 28 + 51 + 120 + 151 + 152 \\
 502 &:= 2^6 + 3^3 + 10^1 + 14^0 + 20^2 = 26 + 33 + 101 + 140 + 202 & 502 &:= 2^8 + 6^0 + 10^2 + 12^2 + 19^0 = 28 + 60 + 102 + 122 + 190 \\
 502 &:= 2^6 + 4^2 + 14^0 + 14^2 + 15^2 = 26 + 42 + 140 + 142 + 152 & 502 &:= 2^8 + 6^1 + 12^0 + 14^1 + 15^2 = 28 + 61 + 120 + 141 + 152 \\
 502 &:= 2^6 + 4^3 + 12^0 + 12^1 + 19^2 = 26 + 43 + 120 + 121 + 192 & 502 &:= 2^8 + 7^0 + 10^2 + 12^2 + 18^0 = 28 + 70 + 102 + 122 + 180 \\
 502 &:= 2^6 + 7^2 + 8^2 + 14^0 + 18^2 = 26 + 72 + 82 + 140 + 182 & 502 &:= 2^8 + 7^1 + 12^0 + 13^1 + 15^2 = 28 + 71 + 120 + 131 + 152 \\
 502 &:= 2^6 + 7^3 + 9^2 + 13^1 + 18^0 = 26 + 73 + 92 + 131 + 180 & 502 &:= 2^8 + 8^0 + 10^2 + 12^2 + 17^0 = 28 + 80 + 102 + 122 + 170 \\
 502 &:= 2^6 + 9^2 + 10^2 + 12^0 + 16^2 = 26 + 92 + 102 + 120 + 162 & 502 &:= 2^8 + 8^1 + 12^0 + 12^1 + 15^2 = 28 + 81 + 120 + 121 + 152 \\
 502 &:= 2^7 + 3^1 + 3^2 + 19^2 + 22^0 = 27 + 31 + 32 + 192 + 220 & 502 &:= 2^8 + 9^0 + 10^2 + 12^2 + 16^0 = 28 + 90 + 102 + 122 + 160 \\
 502 &:= 2^7 + 3^1 + 7^3 + 10^0 + 27^1 = 27 + 31 + 73 + 100 + 271 & 502 &:= 2^8 + 9^1 + 11^1 + 12^0 + 15^2 = 28 + 91 + 111 + 120 + 152 \\
 502 &:= 2^7 + 3^1 + 9^2 + 17^2 + 18^0 = 27 + 31 + 92 + 172 + 180 & 502 &:= 3^3 + 3^5 + 6^3 + 15^1 + 22^0 = 33 + 35 + 63 + 151 + 220 \\
 502 &:= 2^7 + 4^0 + 10^2 + 16^2 + 17^1 = 27 + 40 + 102 + 162 + 171 & 502 &:= 3^4 + 3^5 + 8^1 + 13^2 + 22^0 = 34 + 35 + 81 + 132 + 220 \\
 502 &:= 2^7 + 4^1 + 12^2 + 15^2 + 16^0 = 27 + 41 + 122 + 152 + 160 & 502 &:= 3^4 + 4^4 + 8^2 + 10^2 + 24^0 = 34 + 44 + 82 + 102 + 240 \\
 502 &:= 2^7 + 4^1 + 7^3 + 10^0 + 26^1 = 27 + 41 + 73 + 100 + 261 & 502 &:= 3^5 + 4^3 + 5^2 + 13^2 + 24^0 = 35 + 43 + 52 + 132 + 240 \\
 502 &:= 2^7 + 5^1 + 7^3 + 10^0 + 25^1 = 27 + 51 + 73 + 100 + 251
 \end{aligned}$$

2.2.404 Number 503

$503 := 10^0 + 18^1 + 22^2$	$= 100 + 181 + 222$	$503 := 1^3 + 1^4 + 2^4 + 22^2 + 23^0$	$= 13 + 14 + 24 + 222 + 230$
$503 := 1^0 + 10^0 + 17^1 + 22^2$	$= 10 + 100 + 171 + 222$	$503 := 1^3 + 1^5 + 14^2 + 16^1 + 17^2$	$= 13 + 15 + 142 + 161 + 172$
$503 := 1^8 + 14^2 + 17^1 + 17^2$	$= 18 + 142 + 171 + 172$	$503 := 1^3 + 1^6 + 10^2 + 17^0 + 20^2$	$= 13 + 16 + 102 + 170 + 202$
$503 := 2^0 + 9^0 + 17^1 + 22^2$	$= 20 + 90 + 171 + 222$	$503 := 1^3 + 1^6 + 4^2 + 21^0 + 22^2$	$= 13 + 16 + 42 + 210 + 222$
$503 := 2^8 + 10^2 + 11^2 + 26^1$	$= 28 + 102 + 112 + 261$	$503 := 1^3 + 1^7 + 9^0 + 16^1 + 22^2$	$= 13 + 17 + 90 + 161 + 222$
$503 := 2^8 + 5^3 + 11^2 + 31^0$	$= 28 + 53 + 112 + 310$	$503 := 1^3 + 2^4 + 4^3 + 20^2 + 22^1$	$= 13 + 24 + 43 + 202 + 221$
$503 := 3^0 + 8^0 + 17^1 + 22^2$	$= 30 + 80 + 171 + 222$	$503 := 1^3 + 2^7 + 12^1 + 15^0 + 19^2$	$= 13 + 27 + 121 + 150 + 192$
$503 := 4^0 + 7^0 + 17^1 + 22^2$	$= 40 + 70 + 171 + 222$	$503 := 1^4 + 1^4 + 14^2 + 16^1 + 17^2$	$= 14 + 14 + 142 + 161 + 172$
$503 := 5^0 + 6^0 + 17^1 + 22^2$	$= 50 + 60 + 171 + 222$	$503 := 1^4 + 1^5 + 10^2 + 17^0 + 20^2$	$= 14 + 15 + 102 + 170 + 202$
$503 := 1^0 + 1^0 + 10^0 + 16^1 + 22^2$	$= 10 + 10 + 100 + 161 + 222$	$503 := 1^4 + 1^5 + 4^2 + 21^0 + 22^2$	$= 14 + 15 + 42 + 210 + 222$
$503 := 1^0 + 1^7 + 2^4 + 22^2 + 23^0$	$= 10 + 17 + 24 + 222 + 230$	$503 := 1^4 + 1^6 + 9^0 + 16^1 + 22^2$	$= 14 + 16 + 90 + 161 + 222$
$503 := 1^0 + 1^8 + 14^2 + 16^1 + 17^2$	$= 10 + 18 + 142 + 161 + 172$	$503 := 1^4 + 2^4 + 5^2 + 20^1 + 21^2$	$= 14 + 24 + 52 + 201 + 212$
$503 := 1^0 + 1^9 + 10^2 + 17^0 + 20^2$	$= 10 + 19 + 102 + 170 + 202$	$503 := 1^4 + 4^4 + 5^2 + 14^2 + 25^1$	$= 14 + 44 + 52 + 142 + 251$
$503 := 1^0 + 1^9 + 4^2 + 21^0 + 22^2$	$= 10 + 19 + 42 + 210 + 222$	$503 := 1^5 + 1^5 + 9^0 + 16^1 + 22^2$	$= 15 + 15 + 90 + 161 + 222$
$503 := 1^0 + 2^0 + 9^0 + 16^1 + 22^2$	$= 10 + 20 + 90 + 161 + 222$	$503 := 1^5 + 2^1 + 3^5 + 16^2 + 27^0$	$= 15 + 21 + 35 + 162 + 270$
$503 := 1^0 + 2^8 + 10^2 + 11^2 + 25^1$	$= 10 + 28 + 102 + 112 + 251$	$503 := 1^5 + 2^4 + 14^2 + 15^0 + 17^2$	$= 15 + 24 + 142 + 150 + 172$
$503 := 1^0 + 3^0 + 8^0 + 16^1 + 22^2$	$= 10 + 30 + 80 + 161 + 222$	$503 := 1^5 + 4^4 + 7^2 + 14^2 + 23^0$	$= 15 + 44 + 72 + 142 + 230$
$503 := 1^0 + 4^0 + 7^0 + 16^1 + 22^2$	$= 10 + 40 + 70 + 161 + 222$	$503 := 1^6 + 10^1 + 10^2 + 14^2 + 14^2$	$= 16 + 101 + 102 + 142 + 142$
$503 := 1^0 + 5^0 + 6^0 + 16^1 + 22^2$	$= 10 + 50 + 60 + 161 + 222$	$503 := 1^6 + 2^2 + 11^2 + 16^1 + 19^2$	$= 16 + 22 + 112 + 161 + 192$
$503 := 1^1 + 1^6 + 2^4 + 22^2 + 23^0$	$= 11 + 16 + 24 + 222 + 230$	$503 := 1^6 + 2^2 + 9^2 + 17^1 + 20^2$	$= 16 + 22 + 92 + 171 + 202$
$503 := 1^1 + 1^7 + 14^2 + 16^1 + 17^2$	$= 11 + 17 + 142 + 161 + 172$	$503 := 1^6 + 2^3 + 13^2 + 15^0 + 18^2$	$= 16 + 23 + 132 + 150 + 182$
$503 := 1^1 + 1^8 + 10^2 + 17^0 + 20^2$	$= 11 + 18 + 102 + 170 + 202$	$503 := 1^6 + 2^3 + 3^2 + 21^0 + 22^2$	$= 16 + 23 + 32 + 210 + 222$
$503 := 1^1 + 1^8 + 4^2 + 21^0 + 22^2$	$= 11 + 18 + 42 + 210 + 222$	$503 := 1^6 + 3^4 + 5^0 + 20^1 + 20^2$	$= 16 + 34 + 50 + 201 + 202$
$503 := 1^1 + 1^9 + 9^0 + 16^1 + 22^2$	$= 11 + 19 + 90 + 161 + 222$	$503 := 1^6 + 4^4 + 9^0 + 15^2 + 20^1$	$= 16 + 44 + 90 + 152 + 201$
$503 := 1^1 + 2^6 + 5^3 + 17^2 + 24^1$	$= 11 + 26 + 53 + 172 + 241$	$503 := 1^6 + 8^2 + 8^2 + 13^1 + 19^2$	$= 16 + 82 + 82 + 131 + 192$
$503 := 1^1 + 2^6 + 6^3 + 14^2 + 26^1$	$= 11 + 26 + 63 + 142 + 261$	$503 := 1^6 + 9^2 + 11^1 + 11^2 + 17^2$	$= 16 + 92 + 111 + 112 + 172$
$503 := 1^1 + 2^7 + 8^2 + 17^2 + 21^1$	$= 11 + 27 + 82 + 172 + 211$	$503 := 1^7 + 2^0 + 2^4 + 22^0 + 22^2$	$= 17 + 20 + 24 + 220 + 222$
$503 := 1^1 + 2^8 + 7^2 + 14^2 + 25^0$	$= 11 + 28 + 72 + 142 + 250$	$503 := 1^7 + 2^1 + 14^2 + 15^1 + 17^2$	$= 17 + 21 + 142 + 151 + 172$
$503 := 1^2 + 1^5 + 2^4 + 22^2 + 23^0$	$= 12 + 15 + 24 + 222 + 230$	$503 := 1^7 + 2^3 + 9^1 + 15^0 + 22^2$	$= 17 + 23 + 91 + 150 + 222$
$503 := 1^2 + 1^6 + 14^2 + 16^1 + 17^2$	$= 12 + 16 + 142 + 161 + 172$	$503 := 1^7 + 2^4 + 10^0 + 14^0 + 22^2$	$= 17 + 24 + 100 + 140 + 222$
$503 := 1^2 + 1^7 + 10^2 + 17^0 + 20^2$	$= 12 + 17 + 102 + 170 + 202$	$503 := 1^7 + 2^4 + 11^0 + 13^0 + 22^2$	$= 17 + 24 + 110 + 130 + 222$
$503 := 1^2 + 1^7 + 4^2 + 21^0 + 22^2$	$= 12 + 17 + 42 + 210 + 222$	$503 := 1^7 + 2^4 + 12^0 + 12^0 + 22^2$	$= 17 + 24 + 120 + 120 + 222$
$503 := 1^2 + 1^8 + 9^0 + 16^1 + 22^2$	$= 12 + 18 + 90 + 161 + 222$	$503 := 1^7 + 2^4 + 3^0 + 21^0 + 22^2$	$= 17 + 24 + 30 + 210 + 222$
$503 := 1^2 + 2^6 + 14^2 + 15^2 + 17^1$	$= 12 + 26 + 142 + 152 + 171$	$503 := 1^7 + 2^4 + 4^0 + 20^0 + 22^2$	$= 17 + 24 + 40 + 200 + 222$
$503 := 1^2 + 2^6 + 4^2 + 20^2 + 22^1$	$= 12 + 26 + 42 + 202 + 221$	$503 := 1^7 + 2^4 + 5^0 + 19^0 + 22^2$	$= 17 + 24 + 50 + 190 + 222$
$503 := 1^2 + 2^7 + 7^2 + 18^2 + 21^0$	$= 12 + 27 + 72 + 182 + 210$	$503 := 1^7 + 2^4 + 6^0 + 18^0 + 22^2$	$= 17 + 24 + 60 + 180 + 222$
$503 := 1^2 + 2^8 + 11^0 + 15^2 + 20^1$	$= 12 + 28 + 110 + 152 + 201$	$503 := 1^7 + 2^4 + 7^0 + 17^0 + 22^2$	$= 17 + 24 + 70 + 170 + 222$
$503 := 1^2 + 3^5 + 3^5 + 15^1 + 27^0$	$= 12 + 35 + 35 + 151 + 270$	$503 := 1^7 + 2^4 + 8^0 + 16^0 + 22^2$	$= 17 + 24 + 80 + 160 + 222$

$$\begin{aligned}
 503 &:= 1^7 + 2^4 + 9^0 + 15^0 + 22^2 = 17 + 24 + 90 + 150 + 222 & 503 &:= 1^9 + 8^0 + 10^0 + 10^2 + 20^2 = 19 + 80 + 100 + 102 + 202 \\
 503 &:= 1^7 + 3^1 + 14^1 + 14^2 + 17^2 = 17 + 31 + 141 + 142 + 172 & 503 &:= 1^9 + 8^1 + 9^0 + 9^1 + 22^2 = 19 + 81 + 90 + 91 + 222 \\
 503 &:= 1^7 + 4^1 + 13^1 + 14^2 + 17^2 = 17 + 41 + 131 + 142 + 172 & 503 &:= 1^9 + 9^0 + 9^0 + 10^2 + 20^2 = 19 + 90 + 90 + 102 + 202 \\
 503 &:= 1^7 + 4^2 + 13^0 + 14^2 + 17^2 = 17 + 42 + 130 + 142 + 172 & 503 &:= 2^0 + 2^0 + 8^0 + 16^1 + 22^2 = 20 + 20 + 80 + 161 + 222 \\
 503 &:= 1^7 + 5^1 + 12^1 + 14^2 + 17^2 = 17 + 51 + 121 + 142 + 172 & 503 &:= 2^0 + 3^0 + 7^0 + 16^1 + 22^2 = 20 + 30 + 70 + 161 + 222 \\
 503 &:= 1^7 + 5^3 + 9^0 + 15^1 + 19^2 = 17 + 53 + 90 + 151 + 192 & 503 &:= 2^0 + 4^0 + 6^0 + 16^1 + 22^2 = 20 + 40 + 60 + 161 + 222 \\
 503 &:= 1^7 + 6^1 + 11^1 + 14^2 + 17^2 = 17 + 61 + 111 + 142 + 172 & 503 &:= 2^0 + 5^0 + 5^0 + 16^1 + 22^2 = 20 + 50 + 50 + 161 + 222 \\
 503 &:= 1^7 + 7^1 + 10^1 + 14^2 + 17^2 = 17 + 71 + 101 + 142 + 172 & 503 &:= 2^1 + 2^5 + 3^5 + 15^2 + 27^0 = 21 + 25 + 35 + 152 + 270 \\
 503 &:= 1^7 + 7^2 + 11^0 + 14^2 + 16^2 = 17 + 72 + 110 + 142 + 162 & 503 &:= 2^1 + 2^6 + 5^3 + 17^2 + 23^1 = 21 + 26 + 53 + 172 + 231 \\
 503 &:= 1^7 + 7^3 + 12^2 + 14^1 + 15^0 = 17 + 73 + 122 + 141 + 150 & 503 &:= 2^1 + 2^6 + 6^3 + 14^2 + 25^1 = 21 + 26 + 63 + 142 + 251 \\
 503 &:= 1^7 + 8^1 + 9^1 + 14^2 + 17^2 = 17 + 81 + 91 + 142 + 172 & 503 &:= 2^1 + 2^7 + 8^2 + 17^2 + 20^1 = 21 + 27 + 82 + 172 + 201 \\
 503 &:= 1^8 + 1^9 + 2^4 + 22^0 + 22^2 = 18 + 19 + 24 + 220 + 222 & 503 &:= 2^1 + 2^8 + 10^2 + 12^2 + 23^0 = 21 + 28 + 102 + 122 + 230 \\
 503 &:= 1^8 + 2^2 + 11^0 + 13^1 + 22^2 = 18 + 22 + 110 + 131 + 222 & 503 &:= 2^2 + 2^7 + 3^2 + 19^2 + 23^0 = 22 + 27 + 32 + 192 + 230 \\
 503 &:= 1^8 + 3^2 + 8^1 + 15^0 + 22^2 = 18 + 32 + 81 + 150 + 222 & 503 &:= 2^2 + 2^7 + 7^3 + 11^0 + 27^1 = 22 + 27 + 73 + 110 + 271 \\
 503 &:= 1^8 + 7^2 + 9^0 + 11^1 + 21^2 = 18 + 72 + 90 + 111 + 212 & 503 &:= 2^2 + 2^7 + 9^2 + 17^2 + 19^0 = 22 + 27 + 92 + 172 + 190 \\
 503 &:= 1^8 + 8^1 + 9^0 + 13^2 + 18^2 = 18 + 81 + 90 + 132 + 182 & 503 &:= 2^2 + 2^8 + 13^0 + 15^2 + 17^1 = 22 + 28 + 130 + 152 + 171 \\
 503 &:= 1^9 + 2^0 + 10^2 + 16^0 + 20^2 = 19 + 20 + 102 + 160 + 202 & 503 &:= 2^3 + 2^7 + 5^1 + 19^2 + 21^0 = 23 + 27 + 51 + 192 + 210 \\
 503 &:= 1^9 + 2^0 + 4^2 + 20^0 + 22^2 = 19 + 20 + 42 + 200 + 222 & 503 &:= 2^4 + 2^4 + 3^2 + 21^1 + 21^2 = 24 + 24 + 32 + 211 + 212 \\
 503 &:= 1^9 + 2^1 + 9^0 + 15^1 + 22^2 = 19 + 21 + 90 + 151 + 222 & 503 &:= 2^4 + 2^6 + 3^0 + 20^2 + 22^1 = 24 + 26 + 30 + 202 + 221 \\
 503 &:= 1^9 + 3^0 + 10^2 + 15^0 + 20^2 = 19 + 30 + 102 + 150 + 202 & 503 &:= 2^4 + 3^2 + 4^4 + 14^2 + 26^1 = 24 + 32 + 44 + 142 + 261 \\
 503 &:= 1^9 + 3^0 + 4^2 + 19^0 + 22^2 = 19 + 30 + 42 + 190 + 222 & 503 &:= 2^4 + 3^4 + 10^2 + 17^1 + 17^2 = 24 + 34 + 102 + 171 + 172 \\
 503 &:= 1^9 + 3^1 + 9^0 + 14^1 + 22^2 = 19 + 31 + 90 + 141 + 222 & 503 &:= 2^4 + 3^4 + 5^2 + 19^2 + 20^1 = 24 + 34 + 52 + 192 + 201 \\
 503 &:= 1^9 + 4^0 + 10^2 + 14^0 + 20^2 = 19 + 40 + 102 + 140 + 202 & 503 &:= 2^4 + 3^4 + 8^2 + 18^1 + 18^2 = 24 + 34 + 82 + 181 + 182 \\
 503 &:= 1^9 + 4^0 + 4^2 + 18^0 + 22^2 = 19 + 40 + 42 + 180 + 222 & 503 &:= 2^4 + 3^5 + 6^3 + 11^0 + 27^1 = 24 + 35 + 63 + 110 + 271 \\
 503 &:= 1^9 + 4^1 + 9^0 + 13^1 + 22^2 = 19 + 41 + 90 + 131 + 222 & 503 &:= 2^4 + 4^4 + 8^2 + 12^2 + 23^1 = 24 + 44 + 82 + 122 + 231 \\
 503 &:= 1^9 + 4^2 + 10^0 + 12^0 + 22^2 = 19 + 42 + 100 + 120 + 222 & 503 &:= 2^4 + 5^3 + 6^3 + 11^2 + 25^1 = 24 + 53 + 63 + 112 + 251 \\
 503 &:= 1^9 + 4^2 + 11^0 + 11^0 + 22^2 = 19 + 42 + 110 + 110 + 222 & 503 &:= 2^5 + 3^3 + 5^2 + 19^1 + 20^2 = 25 + 33 + 52 + 191 + 202 \\
 503 &:= 1^9 + 4^2 + 5^0 + 17^0 + 22^2 = 19 + 42 + 50 + 170 + 222 & 503 &:= 2^5 + 3^3 + 7^3 + 10^2 + 27^0 = 25 + 33 + 73 + 102 + 270 \\
 503 &:= 1^9 + 4^2 + 6^0 + 16^0 + 22^2 = 19 + 42 + 60 + 160 + 222 & 503 &:= 2^5 + 3^4 + 10^2 + 17^0 + 17^2 = 25 + 34 + 102 + 170 + 172 \\
 503 &:= 1^9 + 4^2 + 7^0 + 15^0 + 22^2 = 19 + 42 + 70 + 150 + 222 & 503 &:= 2^5 + 4^3 + 14^2 + 14^2 + 15^1 = 25 + 43 + 142 + 142 + 151 \\
 503 &:= 1^9 + 4^2 + 8^0 + 14^0 + 22^2 = 19 + 42 + 80 + 140 + 222 & 503 &:= 2^6 + 3^1 + 5^3 + 17^2 + 22^1 = 26 + 31 + 53 + 172 + 221 \\
 503 &:= 1^9 + 4^2 + 9^0 + 13^0 + 22^2 = 19 + 42 + 90 + 130 + 222 & 503 &:= 2^6 + 3^1 + 6^3 + 14^2 + 24^1 = 26 + 31 + 63 + 142 + 241 \\
 503 &:= 1^9 + 5^0 + 10^2 + 13^0 + 20^2 = 19 + 50 + 102 + 130 + 202 & 503 &:= 2^6 + 3^2 + 3^2 + 20^2 + 21^1 = 26 + 32 + 32 + 202 + 211 \\
 503 &:= 1^9 + 5^1 + 9^0 + 12^1 + 22^2 = 19 + 51 + 90 + 121 + 222 & 503 &:= 2^6 + 4^1 + 5^3 + 17^2 + 21^1 = 26 + 41 + 53 + 172 + 211 \\
 503 &:= 1^9 + 6^0 + 10^2 + 12^0 + 20^2 = 19 + 60 + 102 + 120 + 202 & 503 &:= 2^6 + 4^1 + 6^3 + 14^2 + 23^1 = 26 + 41 + 63 + 142 + 231 \\
 503 &:= 1^9 + 6^1 + 9^0 + 11^1 + 22^2 = 19 + 61 + 90 + 111 + 222 & 503 &:= 2^6 + 4^4 + 13^1 + 13^2 + 17^0 = 26 + 44 + 131 + 132 + 170 \\
 503 &:= 1^9 + 7^0 + 10^2 + 11^0 + 20^2 = 19 + 70 + 102 + 110 + 202 & 503 &:= 2^6 + 5^1 + 5^3 + 17^2 + 20^1 = 26 + 51 + 53 + 172 + 201 \\
 503 &:= 1^9 + 7^1 + 9^0 + 10^1 + 22^2 = 19 + 71 + 90 + 101 + 222 & 503 &:= 2^6 + 5^1 + 6^3 + 14^2 + 22^1 = 26 + 51 + 63 + 142 + 221
 \end{aligned}$$

$$\begin{aligned} 503 &:= 2^6 + 5^1 + 7^3 + 8^2 + 27^1 = 26 + 51 + 73 + 82 + 271 & 503 &:= 2^7 + 3^2 + 7^3 + 15^0 + 22^1 = 27 + 32 + 73 + 150 + 221 \\ 503 &:= 2^6 + 5^2 + 12^2 + 14^1 + 16^2 = 26 + 52 + 122 + 141 + 162 & 503 &:= 2^7 + 4^1 + 8^2 + 17^2 + 18^1 = 27 + 41 + 82 + 172 + 181 \\ 503 &:= 2^6 + 5^2 + 6^2 + 17^1 + 19^2 = 26 + 52 + 62 + 171 + 192 & 503 &:= 2^7 + 4^2 + 7^3 + 15^1 + 21^0 = 27 + 42 + 73 + 151 + 210 \\ 503 &:= 2^6 + 5^3 + 10^1 + 15^1 + 17^2 = 26 + 53 + 101 + 151 + 172 & 503 &:= 2^7 + 4^3 + 5^0 + 17^2 + 21^1 = 27 + 43 + 50 + 172 + 211 \\ 503 &:= 2^6 + 5^3 + 11^1 + 14^1 + 17^2 = 26 + 53 + 111 + 141 + 172 & 503 &:= 2^7 + 5^1 + 8^2 + 17^1 + 17^2 = 27 + 51 + 82 + 171 + 172 \\ 503 &:= 2^6 + 5^3 + 12^1 + 13^1 + 17^2 = 26 + 53 + 121 + 131 + 172 & 503 &:= 2^7 + 5^2 + 5^2 + 18^2 + 19^0 = 27 + 52 + 52 + 182 + 190 \\ 503 &:= 2^6 + 5^3 + 12^2 + 13^2 + 17^0 = 26 + 53 + 122 + 132 + 170 & 503 &:= 2^7 + 6^1 + 8^2 + 16^1 + 17^2 = 27 + 61 + 82 + 161 + 172 \\ 503 &:= 2^6 + 5^3 + 6^1 + 17^2 + 19^1 = 26 + 53 + 61 + 172 + 191 & 503 &:= 2^7 + 6^2 + 13^2 + 13^2 + 15^0 = 27 + 62 + 132 + 132 + 150 \\ 503 &:= 2^6 + 5^3 + 7^1 + 17^2 + 18^1 = 26 + 53 + 71 + 172 + 181 & 503 &:= 2^7 + 6^2 + 7^2 + 17^0 + 17^2 = 27 + 62 + 72 + 170 + 172 \\ 503 &:= 2^6 + 5^3 + 8^1 + 17^1 + 17^2 = 26 + 53 + 81 + 171 + 172 & 503 &:= 2^7 + 6^3 + 12^2 + 14^1 + 15^0 = 27 + 63 + 122 + 141 + 150 \\ 503 &:= 2^6 + 5^3 + 9^1 + 16^1 + 17^2 = 26 + 53 + 91 + 161 + 172 & 503 &:= 2^7 + 7^1 + 8^2 + 15^1 + 17^2 = 27 + 71 + 82 + 151 + 172 \\ 503 &:= 2^6 + 6^1 + 6^3 + 14^2 + 21^1 = 26 + 61 + 63 + 142 + 211 & 503 &:= 2^7 + 7^2 + 10^2 + 15^0 + 15^2 = 27 + 72 + 102 + 150 + 152 \\ 503 &:= 2^6 + 6^1 + 7^3 + 8^2 + 26^1 = 26 + 61 + 73 + 82 + 261 & 503 &:= 2^7 + 8^1 + 8^2 + 14^1 + 17^2 = 27 + 81 + 82 + 141 + 172 \\ 503 &:= 2^6 + 6^2 + 10^2 + 14^1 + 17^2 = 26 + 62 + 102 + 141 + 172 & 503 &:= 2^7 + 8^2 + 10^1 + 12^1 + 17^2 = 27 + 82 + 101 + 121 + 172 \\ 503 &:= 2^6 + 6^2 + 8^2 + 15^1 + 18^2 = 26 + 62 + 82 + 151 + 182 & 503 &:= 2^7 + 8^2 + 11^1 + 11^1 + 17^2 = 27 + 82 + 111 + 111 + 172 \\ 503 &:= 2^6 + 6^3 + 10^1 + 14^2 + 17^1 = 26 + 63 + 101 + 142 + 171 & 503 &:= 2^7 + 8^2 + 9^1 + 13^1 + 17^2 = 27 + 82 + 91 + 131 + 172 \\ 503 &:= 2^6 + 6^3 + 11^1 + 14^2 + 16^1 = 26 + 63 + 111 + 142 + 161 & 503 &:= 2^8 + 3^0 + 5^2 + 14^2 + 25^1 = 28 + 30 + 52 + 142 + 251 \\ 503 &:= 2^6 + 6^3 + 12^1 + 14^2 + 15^1 = 26 + 63 + 121 + 142 + 151 & 503 &:= 2^8 + 3^1 + 6^3 + 11^0 + 27^1 = 28 + 31 + 63 + 110 + 271 \\ 503 &:= 2^6 + 6^3 + 13^1 + 14^1 + 14^2 = 26 + 63 + 131 + 141 + 142 & 503 &:= 2^8 + 3^2 + 12^1 + 15^2 + 17^0 = 28 + 32 + 121 + 152 + 170 \\ 503 &:= 2^6 + 6^3 + 7^1 + 14^2 + 20^1 = 26 + 63 + 71 + 142 + 201 & 503 &:= 2^8 + 4^1 + 11^2 + 11^2 + 21^0 = 28 + 41 + 112 + 112 + 210 \\ 503 &:= 2^6 + 6^3 + 8^1 + 14^2 + 19^1 = 26 + 63 + 81 + 142 + 191 & 503 &:= 2^8 + 4^1 + 6^3 + 11^0 + 26^1 = 28 + 41 + 63 + 110 + 261 \\ 503 &:= 2^6 + 6^3 + 9^1 + 14^2 + 18^1 = 26 + 63 + 91 + 142 + 181 & 503 &:= 2^8 + 4^2 + 5^1 + 15^2 + 23^0 = 28 + 42 + 51 + 152 + 230 \\ 503 &:= 2^6 + 7^1 + 7^3 + 8^2 + 25^1 = 26 + 71 + 73 + 82 + 251 & 503 &:= 2^8 + 5^0 + 9^2 + 12^2 + 21^1 = 28 + 50 + 92 + 122 + 211 \\ 503 &:= 2^6 + 7^2 + 11^2 + 13^1 + 16^2 = 26 + 72 + 112 + 131 + 162 & 503 &:= 2^8 + 5^1 + 6^3 + 11^0 + 25^1 = 28 + 51 + 63 + 110 + 251 \\ 503 &:= 2^6 + 7^3 + 8^1 + 8^2 + 24^1 = 26 + 73 + 81 + 82 + 241 & 503 &:= 2^8 + 6^1 + 6^3 + 11^0 + 24^1 = 28 + 61 + 63 + 110 + 241 \\ 503 &:= 2^6 + 7^3 + 8^2 + 10^1 + 22^1 = 26 + 73 + 82 + 101 + 221 & 503 &:= 2^8 + 6^2 + 13^0 + 14^1 + 14^2 = 28 + 62 + 130 + 141 + 142 \\ 503 &:= 2^6 + 7^3 + 8^2 + 11^1 + 21^1 = 26 + 73 + 82 + 111 + 211 & 503 &:= 2^8 + 6^3 + 10^1 + 11^0 + 20^1 = 28 + 63 + 101 + 110 + 201 \\ 503 &:= 2^6 + 7^3 + 8^2 + 12^1 + 20^1 = 26 + 73 + 82 + 121 + 201 & 503 &:= 2^8 + 6^3 + 11^0 + 11^1 + 19^1 = 28 + 63 + 110 + 111 + 191 \\ 503 &:= 2^6 + 7^3 + 8^2 + 13^1 + 19^1 = 26 + 73 + 82 + 131 + 191 & 503 &:= 2^8 + 6^3 + 11^0 + 12^1 + 18^1 = 28 + 63 + 110 + 121 + 181 \\ 503 &:= 2^6 + 7^3 + 8^2 + 14^1 + 18^1 = 26 + 73 + 82 + 141 + 181 & 503 &:= 2^8 + 6^3 + 11^0 + 13^1 + 17^1 = 28 + 63 + 110 + 131 + 171 \\ 503 &:= 2^6 + 7^3 + 8^2 + 15^1 + 17^1 = 26 + 73 + 82 + 151 + 171 & 503 &:= 2^8 + 6^3 + 11^0 + 14^1 + 16^1 = 28 + 63 + 110 + 141 + 161 \\ 503 &:= 2^6 + 7^3 + 8^2 + 16^1 + 16^1 = 26 + 73 + 82 + 161 + 161 & 503 &:= 2^8 + 6^3 + 11^0 + 15^1 + 15^1 = 28 + 63 + 110 + 151 + 151 \\ 503 &:= 2^6 + 7^3 + 8^2 + 9^1 + 23^1 = 26 + 73 + 82 + 91 + 231 & 503 &:= 2^8 + 6^3 + 7^1 + 11^0 + 23^1 = 28 + 63 + 71 + 110 + 231 \\ 503 &:= 2^6 + 9^2 + 11^2 + 12^1 + 15^2 = 26 + 92 + 112 + 121 + 152 & 503 &:= 2^8 + 6^3 + 8^1 + 11^0 + 22^1 = 28 + 63 + 81 + 110 + 221 \\ 503 &:= 2^7 + 3^0 + 3^3 + 18^2 + 23^1 = 27 + 30 + 33 + 182 + 231 & 503 &:= 2^8 + 6^3 + 9^1 + 11^0 + 21^1 = 28 + 63 + 91 + 110 + 211 \\ 503 &:= 2^7 + 3^0 + 5^3 + 15^2 + 24^1 = 27 + 30 + 53 + 152 + 241 & 503 &:= 2^8 + 8^2 + 13^0 + 13^1 + 13^2 = 28 + 82 + 130 + 131 + 132 \\ 503 &:= 2^7 + 3^1 + 8^2 + 17^2 + 19^1 = 27 + 31 + 82 + 172 + 191 & 503 &:= 3^0 + 3^0 + 6^0 + 16^1 + 22^2 = 30 + 30 + 60 + 161 + 222 \\ 503 &:= 2^7 + 3^2 + 13^2 + 14^2 + 17^0 = 27 + 32 + 132 + 142 + 170 & 503 &:= 3^0 + 4^0 + 5^0 + 16^1 + 22^2 = 30 + 40 + 50 + 161 + 222 \end{aligned}$$

$$503 := 3^2 + 3^4 + 3^5 + 13^2 + 27^0 = 32 + 34 + 35 + 132 + 270$$

$$503 := 4^0 + 4^0 + 4^0 + 16^1 + 22^2 = 40 + 40 + 40 + 161 + 222$$

2.2.405 Number 504

$$504 := 1^1 + 9^0 + 18^1 + 22^2 = 11 + 90 + 181 + 222$$

$$504 := 2^1 + 9^0 + 17^1 + 22^2 = 21 + 90 + 171 + 222$$

$$504 := 2^8 + 3^5 + 4^1 + 40^0 = 28 + 35 + 41 + 400$$

$$504 := 3^1 + 9^0 + 16^1 + 22^2 = 31 + 90 + 161 + 222$$

$$504 := 4^1 + 9^0 + 15^1 + 22^2 = 41 + 90 + 151 + 222$$

$$504 := 5^1 + 9^0 + 14^1 + 22^2 = 51 + 90 + 141 + 222$$

$$504 := 6^1 + 9^0 + 13^1 + 22^2 = 61 + 90 + 131 + 222$$

$$504 := 7^1 + 9^0 + 12^1 + 22^2 = 71 + 90 + 121 + 222$$

$$504 := 8^1 + 9^0 + 11^1 + 22^2 = 81 + 90 + 111 + 222$$

$$504 := 9^0 + 9^1 + 10^1 + 22^2 = 90 + 91 + 101 + 222$$

$$504 := 1^0 + 1^1 + 9^0 + 17^1 + 22^2 = 10 + 11 + 90 + 171 + 222$$

$$504 := 1^0 + 2^1 + 9^0 + 16^1 + 22^2 = 10 + 21 + 90 + 161 + 222$$

$$504 := 1^0 + 3^1 + 9^0 + 15^1 + 22^2 = 10 + 31 + 90 + 151 + 222$$

$$504 := 1^0 + 4^1 + 9^0 + 14^1 + 22^2 = 10 + 41 + 90 + 141 + 222$$

$$504 := 1^0 + 5^1 + 9^0 + 13^1 + 22^2 = 10 + 51 + 90 + 131 + 222$$

$$504 := 1^0 + 6^1 + 9^0 + 12^1 + 22^2 = 10 + 61 + 90 + 121 + 222$$

$$504 := 1^0 + 7^1 + 9^0 + 11^1 + 22^2 = 10 + 71 + 90 + 111 + 222$$

$$504 := 1^0 + 8^1 + 9^0 + 10^1 + 22^2 = 10 + 81 + 90 + 101 + 222$$

$$504 := 1^0 + 9^0 + 9^1 + 9^1 + 22^2 = 10 + 90 + 91 + 91 + 222$$

$$504 := 1^1 + 2^0 + 8^0 + 17^1 + 22^2 = 11 + 20 + 80 + 171 + 222$$

$$504 := 1^1 + 3^0 + 7^0 + 17^1 + 22^2 = 11 + 30 + 70 + 171 + 222$$

$$504 := 1^1 + 4^0 + 6^0 + 17^1 + 22^2 = 11 + 40 + 60 + 171 + 222$$

$$504 := 1^1 + 5^0 + 5^0 + 17^1 + 22^2 = 11 + 50 + 50 + 171 + 222$$

$$504 := 1^2 + 1^9 + 8^0 + 17^1 + 22^2 = 12 + 19 + 80 + 171 + 222$$

$$504 := 1^3 + 1^8 + 8^0 + 17^1 + 22^2 = 13 + 18 + 80 + 171 + 222$$

$$504 := 1^3 + 2^8 + 10^0 + 15^2 + 21^1 = 13 + 28 + 100 + 152 + 211$$

$$504 := 1^3 + 3^5 + 3^5 + 16^1 + 26^0 = 13 + 35 + 35 + 161 + 260$$

$$504 := 1^4 + 1^7 + 8^0 + 17^1 + 22^2 = 14 + 17 + 80 + 171 + 222$$

$$504 := 1^4 + 2^7 + 13^1 + 14^0 + 19^2 = 14 + 27 + 131 + 140 + 192$$

$$504 := 1^5 + 1^6 + 8^0 + 17^1 + 22^2 = 15 + 16 + 80 + 171 + 222$$

$$504 := 1^5 + 2^4 + 5^3 + 19^2 + 22^0 = 15 + 24 + 53 + 192 + 220$$

$$504 := 1^6 + 3^1 + 3^5 + 16^2 + 26^0 = 16 + 31 + 35 + 162 + 260$$

$$504 := 1^6 + 3^4 + 14^2 + 15^2 + 16^0 = 16 + 34 + 142 + 152 + 160$$

$$504 := 1^7 + 2^1 + 2^4 + 22^0 + 22^2 = 17 + 21 + 24 + 220 + 222$$

$$504 := 1^7 + 3^4 + 4^0 + 20^2 + 21^1 = 17 + 34 + 40 + 202 + 211$$

$$504 := 1^7 + 4^2 + 5^3 + 19^2 + 20^0 = 17 + 42 + 53 + 192 + 200$$

$$504 := 1^7 + 4^4 + 8^0 + 15^2 + 21^1 = 17 + 44 + 80 + 152 + 211$$

$$504 := 1^7 + 5^3 + 11^2 + 16^0 + 16^2 = 17 + 53 + 112 + 160 + 162$$

$$504 := 1^8 + 2^3 + 10^1 + 14^0 + 22^2 = 18 + 23 + 101 + 140 + 222$$

$$504 := 1^8 + 3^2 + 13^2 + 14^0 + 18^2 = 18 + 32 + 132 + 140 + 182$$

$$504 := 1^8 + 3^2 + 3^2 + 20^0 + 22^2 = 18 + 32 + 32 + 200 + 222$$

$$504 := 1^8 + 5^2 + 6^2 + 16^0 + 21^2 = 18 + 52 + 62 + 160 + 212$$

$$504 := 1^8 + 5^3 + 8^0 + 16^1 + 19^2 = 18 + 53 + 80 + 161 + 192$$

$$504 := 1^8 + 7^3 + 12^2 + 14^0 + 15^1 = 18 + 73 + 122 + 140 + 151$$

$$504 := 1^8 + 9^2 + 10^0 + 14^2 + 15^2 = 18 + 92 + 100 + 142 + 152$$

$$504 := 1^9 + 2^1 + 10^2 + 16^0 + 20^2 = 19 + 21 + 102 + 160 + 202$$

$$504 := 1^9 + 2^1 + 4^2 + 20^0 + 22^2 = 19 + 21 + 42 + 200 + 222$$

$$504 := 1^9 + 2^2 + 10^0 + 14^1 + 22^2 = 19 + 22 + 100 + 141 + 222$$

$$504 := 1^9 + 3^2 + 9^1 + 14^0 + 22^2 = 19 + 32 + 91 + 140 + 222$$

$$504 := 1^9 + 7^2 + 8^0 + 12^1 + 21^2 = 19 + 72 + 80 + 121 + 212$$

$$504 := 1^9 + 8^0 + 9^1 + 13^2 + 18^2 = 19 + 80 + 91 + 132 + 182$$

$$504 := 2^0 + 2^1 + 8^0 + 16^1 + 22^2 = 20 + 21 + 80 + 161 + 222$$

$$504 := 2^0 + 3^1 + 8^0 + 15^1 + 22^2 = 20 + 31 + 80 + 151 + 222$$

$$504 := 2^0 + 4^1 + 8^0 + 14^1 + 22^2 = 20 + 41 + 80 + 141 + 222$$

$$504 := 2^0 + 5^1 + 8^0 + 13^1 + 22^2 = 20 + 51 + 80 + 131 + 222$$

$$504 := 2^0 + 6^1 + 8^0 + 12^1 + 22^2 = 20 + 61 + 80 + 121 + 222$$

$$504 := 2^0 + 7^1 + 8^0 + 11^1 + 22^2 = 20 + 71 + 80 + 111 + 222$$

$$504 := 2^0 + 8^0 + 8^1 + 10^1 + 22^2 = 20 + 80 + 81 + 101 + 222$$

$$504 := 2^0 + 8^0 + 9^1 + 9^1 + 22^2 = 20 + 80 + 91 + 91 + 222$$

$$504 := 2^1 + 3^0 + 7^0 + 16^1 + 22^2 = 21 + 30 + 70 + 161 + 222$$

$$504 := 2^1 + 4^0 + 6^0 + 16^1 + 22^2 = 21 + 40 + 60 + 161 + 222$$

$$504 := 2^1 + 5^0 + 5^0 + 16^1 + 22^2 = 21 + 50 + 50 + 161 + 222$$

$$504 := 2^2 + 2^8 + 6^3 + 12^0 + 27^1 = 22 + 28 + 63 + 120 + 271$$

$$504 := 2^3 + 2^7 + 7^3 + 14^0 + 24^1 = 23 + 27 + 73 + 140 + 241$$

$$504 := 2^3 + 2^8 + 14^1 + 15^2 + 16^0 = 23 + 28 + 141 + 152 + 160$$

$$504 := 2^4 + 3^5 + 3^5 + 14^0 + 27^0 = 24 + 35 + 35 + 140 + 270$$

$$504 := 2^4 + 3^5 + 3^5 + 15^0 + 26^0 = 24 + 35 + 35 + 150 + 260$$

$$504 := 2^4 + 3^5 + 3^5 + 16^0 + 25^0 = 24 + 35 + 35 + 160 + 250$$

$$\begin{aligned}
 504 &:= 2^4 + 3^5 + 3^5 + 17^0 + 24^0 = 24 + 35 + 35 + 170 + 240 \\
 504 &:= 2^4 + 3^5 + 3^5 + 18^0 + 23^0 = 24 + 35 + 35 + 180 + 230 \\
 504 &:= 2^4 + 3^5 + 3^5 + 19^0 + 22^0 = 24 + 35 + 35 + 190 + 220 \\
 504 &:= 2^4 + 3^5 + 3^5 + 20^0 + 21^0 = 24 + 35 + 35 + 200 + 210 \\
 504 &:= 2^5 + 2^6 + 7^1 + 18^0 + 20^2 = 25 + 26 + 71 + 180 + 202 \\
 504 &:= 2^5 + 3^5 + 6^3 + 12^1 + 26^0 = 25 + 35 + 63 + 121 + 260 \\
 504 &:= 2^6 + 3^3 + 6^3 + 14^2 + 24^0 = 26 + 33 + 63 + 142 + 240 \\
 504 &:= 2^6 + 3^4 + 7^3 + 15^1 + 22^0 = 26 + 34 + 73 + 151 + 220 \\
 504 &:= 2^6 + 3^5 + 4^0 + 13^2 + 27^1 = 26 + 35 + 40 + 132 + 271 \\
 504 &:= 2^7 + 3^4 + 5^1 + 17^2 + 22^0 = 27 + 34 + 51 + 172 + 220 \\
 504 &:= 2^7 + 4^4 + 10^2 + 14^0 + 19^1 = 27 + 44 + 102 + 140 + 191 \\
 504 &:= 2^7 + 5^2 + 5^3 + 15^2 + 22^0 = 27 + 52 + 53 + 152 + 220 \\
 504 &:= 2^7 + 5^3 + 9^2 + 13^2 + 20^0 = 27 + 53 + 92 + 132 + 200 \\
 504 &:= 2^8 + 3^1 + 3^5 + 14^0 + 27^0 = 28 + 31 + 35 + 140 + 270 \\
 504 &:= 2^8 + 3^1 + 3^5 + 15^0 + 26^0 = 28 + 31 + 35 + 150 + 260 \\
 504 &:= 2^8 + 3^1 + 3^5 + 16^0 + 25^0 = 28 + 31 + 35 + 160 + 250 \\
 504 &:= 2^8 + 3^1 + 3^5 + 17^0 + 24^0 = 28 + 31 + 35 + 170 + 240 \\
 504 &:= 2^8 + 3^1 + 3^5 + 18^0 + 23^0 = 28 + 31 + 35 + 180 + 230 \\
 504 &:= 2^8 + 3^1 + 3^5 + 19^0 + 22^0 = 28 + 31 + 35 + 190 + 220 \\
 504 &:= 2^8 + 3^1 + 3^5 + 20^0 + 21^0 = 28 + 31 + 35 + 200 + 210 \\
 504 &:= 2^8 + 3^2 + 6^3 + 16^0 + 22^1 = 28 + 32 + 63 + 160 + 221 \\
 504 &:= 2^8 + 3^3 + 6^0 + 14^2 + 24^1 = 28 + 33 + 60 + 142 + 241 \\
 504 &:= 2^8 + 4^2 + 6^3 + 15^1 + 22^0 = 28 + 42 + 63 + 151 + 220 \\
 504 &:= 2^8 + 4^3 + 13^2 + 14^1 + 16^0 = 28 + 43 + 132 + 141 + 160
 \end{aligned}$$

$$\begin{aligned}
 504 &:= 2^8 + 5^3 + 10^0 + 10^2 + 22^1 = 28 + 53 + 100 + 102 + 221 \\
 504 &:= 3^0 + 3^1 + 7^0 + 15^1 + 22^2 = 30 + 31 + 70 + 151 + 222 \\
 504 &:= 3^0 + 4^1 + 7^0 + 14^1 + 22^2 = 30 + 41 + 70 + 141 + 222 \\
 504 &:= 3^0 + 5^1 + 7^0 + 13^1 + 22^2 = 30 + 51 + 70 + 131 + 222 \\
 504 &:= 3^0 + 6^1 + 7^0 + 12^1 + 22^2 = 30 + 61 + 70 + 121 + 222 \\
 504 &:= 3^0 + 7^0 + 7^1 + 11^1 + 22^2 = 30 + 70 + 71 + 111 + 222 \\
 504 &:= 3^0 + 7^0 + 8^1 + 10^1 + 22^2 = 30 + 70 + 81 + 101 + 222 \\
 504 &:= 3^0 + 7^0 + 9^1 + 9^1 + 22^2 = 30 + 70 + 91 + 91 + 222 \\
 504 &:= 3^1 + 4^0 + 6^0 + 15^1 + 22^2 = 31 + 40 + 60 + 151 + 222 \\
 504 &:= 3^1 + 5^0 + 5^0 + 15^1 + 22^2 = 31 + 50 + 50 + 151 + 222 \\
 504 &:= 4^0 + 4^1 + 6^0 + 14^1 + 22^2 = 40 + 41 + 60 + 141 + 222 \\
 504 &:= 4^0 + 5^1 + 6^0 + 13^1 + 22^2 = 40 + 51 + 60 + 131 + 222 \\
 504 &:= 4^0 + 6^0 + 6^1 + 12^1 + 22^2 = 40 + 60 + 61 + 121 + 222 \\
 504 &:= 4^0 + 6^0 + 7^1 + 11^1 + 22^2 = 40 + 60 + 71 + 111 + 222 \\
 504 &:= 4^0 + 6^0 + 8^1 + 10^1 + 22^2 = 40 + 60 + 81 + 101 + 222 \\
 504 &:= 4^0 + 6^0 + 9^1 + 9^1 + 22^2 = 40 + 60 + 91 + 91 + 222 \\
 504 &:= 4^1 + 5^0 + 5^0 + 14^1 + 22^2 = 41 + 50 + 50 + 141 + 222 \\
 504 &:= 5^0 + 5^0 + 5^1 + 13^1 + 22^2 = 50 + 50 + 51 + 131 + 222 \\
 504 &:= 5^0 + 5^0 + 6^1 + 12^1 + 22^2 = 50 + 50 + 61 + 121 + 222 \\
 504 &:= 5^0 + 5^0 + 7^1 + 11^1 + 22^2 = 50 + 50 + 71 + 111 + 222 \\
 504 &:= 5^0 + 5^0 + 8^1 + 10^1 + 22^2 = 50 + 50 + 81 + 101 + 222 \\
 504 &:= 5^0 + 5^0 + 9^1 + 9^1 + 22^2 = 50 + 50 + 91 + 91 + 222
 \end{aligned}$$

2.2.406 Number 505

$$\begin{aligned}
 505 &:= 1^2 + 8^0 + 19^1 + 22^2 = 12 + 80 + 191 + 222 \\
 505 &:= 1^8 + 5^3 + 7^3 + 36^1 = 18 + 53 + 73 + 361 \\
 505 &:= 2^2 + 10^0 + 16^1 + 22^2 = 22 + 100 + 161 + 222 \\
 505 &:= 2^7 + 3^5 + 10^2 + 34^1 = 27 + 35 + 102 + 341 \\
 505 &:= 3^2 + 11^1 + 14^0 + 22^2 = 32 + 111 + 140 + 222 \\
 505 &:= 4^1 + 10^2 + 16^0 + 20^2 = 41 + 102 + 160 + 202 \\
 505 &:= 4^1 + 4^2 + 20^0 + 22^2 = 41 + 42 + 200 + 222 \\
 505 &:= 7^2 + 8^0 + 14^1 + 21^2 = 72 + 80 + 141 + 212 \\
 505 &:= 8^0 + 11^1 + 13^2 + 18^2 = 80 + 111 + 132 + 182 \\
 505 &:= 1^0 + 1^2 + 8^0 + 18^1 + 22^2 = 10 + 12 + 80 + 181 + 222 \\
 505 &:= 1^0 + 2^2 + 10^0 + 15^1 + 22^2 = 10 + 22 + 100 + 151 + 222 \\
 505 &:= 1^0 + 3^1 + 10^2 + 16^0 + 20^2 = 10 + 31 + 102 + 160 + 202
 \end{aligned}$$

$$\begin{aligned}
 505 &:= 1^0 + 3^1 + 4^2 + 20^0 + 22^2 = 10 + 31 + 42 + 200 + 222 \\
 505 &:= 1^0 + 3^2 + 10^1 + 14^0 + 22^2 = 10 + 32 + 101 + 140 + 222 \\
 505 &:= 1^0 + 7^2 + 8^0 + 13^1 + 21^2 = 10 + 72 + 80 + 131 + 212 \\
 505 &:= 1^0 + 8^0 + 10^1 + 13^2 + 18^2 = 10 + 80 + 101 + 132 + 182 \\
 505 &:= 1^1 + 1^1 + 8^0 + 18^1 + 22^2 = 11 + 11 + 80 + 181 + 222 \\
 505 &:= 1^1 + 2^1 + 8^0 + 17^1 + 22^2 = 11 + 21 + 80 + 171 + 222 \\
 505 &:= 1^1 + 3^1 + 8^0 + 16^1 + 22^2 = 11 + 31 + 80 + 161 + 222 \\
 505 &:= 1^1 + 4^1 + 8^0 + 15^1 + 22^2 = 11 + 41 + 80 + 151 + 222 \\
 505 &:= 1^1 + 5^1 + 8^0 + 14^1 + 22^2 = 11 + 51 + 80 + 141 + 222 \\
 505 &:= 1^1 + 6^1 + 8^0 + 13^1 + 22^2 = 11 + 61 + 80 + 131 + 222 \\
 505 &:= 1^1 + 7^1 + 8^0 + 12^1 + 22^2 = 11 + 71 + 80 + 121 + 222 \\
 505 &:= 1^1 + 8^0 + 8^1 + 11^1 + 22^2 = 11 + 80 + 81 + 111 + 222
 \end{aligned}$$

$$\begin{aligned} 505 &:= 1^1 + 8^0 + 9^1 + 10^1 + 22^2 = 11 + 80 + 91 + 101 + 222 & 505 &:= 1^7 + 5^3 + 7^3 + 12^1 + 24^1 = 17 + 53 + 73 + 121 + 241 \\ 505 &:= 1^2 + 2^0 + 7^0 + 18^1 + 22^2 = 12 + 20 + 70 + 181 + 222 & 505 &:= 1^7 + 5^3 + 7^3 + 13^1 + 23^1 = 17 + 53 + 73 + 131 + 231 \\ 505 &:= 1^2 + 2^4 + 2^6 + 20^2 + 24^1 = 12 + 24 + 26 + 202 + 241 & 505 &:= 1^7 + 5^3 + 7^3 + 14^1 + 22^1 = 17 + 53 + 73 + 141 + 221 \\ 505 &:= 1^2 + 2^7 + 3^3 + 18^2 + 25^1 = 12 + 27 + 33 + 182 + 251 & 505 &:= 1^7 + 5^3 + 7^3 + 15^1 + 21^1 = 17 + 53 + 73 + 151 + 211 \\ 505 &:= 1^2 + 2^7 + 5^3 + 15^2 + 26^1 = 12 + 27 + 53 + 152 + 261 & 505 &:= 1^7 + 5^3 + 7^3 + 16^1 + 20^1 = 17 + 53 + 73 + 161 + 201 \\ 505 &:= 1^2 + 2^8 + 5^2 + 14^2 + 27^1 = 12 + 28 + 52 + 142 + 271 & 505 &:= 1^7 + 5^3 + 7^3 + 17^1 + 19^1 = 17 + 53 + 73 + 171 + 191 \\ 505 &:= 1^2 + 3^0 + 6^0 + 18^1 + 22^2 = 12 + 30 + 60 + 181 + 222 & 505 &:= 1^7 + 5^3 + 7^3 + 18^1 + 18^1 = 17 + 53 + 73 + 181 + 181 \\ 505 &:= 1^2 + 4^0 + 5^0 + 18^1 + 22^2 = 12 + 40 + 50 + 181 + 222 & 505 &:= 1^7 + 5^3 + 7^3 + 9^1 + 27^1 = 17 + 53 + 73 + 91 + 271 \\ 505 &:= 1^3 + 1^9 + 7^0 + 18^1 + 22^2 = 13 + 19 + 70 + 181 + 222 & 505 &:= 1^7 + 6^2 + 7^3 + 10^2 + 25^1 = 17 + 62 + 73 + 102 + 251 \\ 505 &:= 1^3 + 2^7 + 10^2 + 16^2 + 20^1 = 13 + 27 + 102 + 162 + 201 & 505 &:= 1^7 + 6^3 + 10^2 + 13^2 + 19^1 = 17 + 63 + 102 + 132 + 191 \\ 505 &:= 1^4 + 1^8 + 7^0 + 18^1 + 22^2 = 14 + 18 + 70 + 181 + 222 & 505 &:= 1^8 + 10^1 + 10^2 + 13^2 + 15^2 = 18 + 101 + 102 + 132 + 152 \\ 505 &:= 1^4 + 2^3 + 2^5 + 21^2 + 23^1 = 14 + 23 + 25 + 212 + 231 & 505 &:= 1^8 + 2^2 + 14^2 + 15^1 + 17^2 = 18 + 22 + 142 + 151 + 172 \\ 505 &:= 1^4 + 2^5 + 5^3 + 18^2 + 23^1 = 14 + 25 + 53 + 182 + 231 & 505 &:= 1^8 + 2^4 + 3^1 + 21^0 + 22^2 = 18 + 24 + 31 + 210 + 222 \\ 505 &:= 1^4 + 2^8 + 9^0 + 15^2 + 22^1 = 14 + 28 + 90 + 152 + 221 & 505 &:= 1^8 + 3^0 + 3^4 + 20^2 + 22^1 = 18 + 30 + 34 + 202 + 221 \\ 505 &:= 1^4 + 3^5 + 3^5 + 17^1 + 25^0 = 14 + 35 + 35 + 171 + 250 & 505 &:= 1^8 + 3^2 + 14^1 + 15^2 + 16^2 = 18 + 32 + 141 + 152 + 162 \\ 505 &:= 1^5 + 1^7 + 7^0 + 18^1 + 22^2 = 15 + 17 + 70 + 181 + 222 & 505 &:= 1^8 + 3^2 + 6^2 + 18^1 + 21^2 = 18 + 32 + 62 + 181 + 212 \\ 505 &:= 1^5 + 2^5 + 3^2 + 21^2 + 22^1 = 15 + 25 + 32 + 212 + 221 & 505 &:= 1^8 + 4^2 + 7^3 + 12^2 + 25^0 = 18 + 42 + 73 + 122 + 250 \\ 505 &:= 1^5 + 2^7 + 13^0 + 14^1 + 19^2 = 15 + 27 + 130 + 141 + 192 & 505 &:= 1^8 + 4^4 + 7^0 + 15^2 + 22^1 = 18 + 44 + 70 + 152 + 221 \\ 505 &:= 1^5 + 3^2 + 3^5 + 15^2 + 27^1 = 15 + 32 + 35 + 152 + 271 & 505 &:= 1^8 + 5^2 + 8^2 + 15^1 + 20^2 = 18 + 52 + 82 + 151 + 202 \\ 505 &:= 1^5 + 3^5 + 4^3 + 14^2 + 27^0 = 15 + 35 + 43 + 142 + 270 & 505 &:= 1^8 + 7^2 + 9^2 + 13^1 + 19^2 = 18 + 72 + 92 + 131 + 192 \\ 505 &:= 1^6 + 1^6 + 7^0 + 18^1 + 22^2 = 16 + 16 + 70 + 181 + 222 & 505 &:= 1^9 + 2^3 + 11^1 + 13^0 + 22^2 = 19 + 23 + 111 + 130 + 222 \\ 505 &:= 1^6 + 2^2 + 3^5 + 16^2 + 27^0 = 16 + 22 + 35 + 162 + 270 & 505 &:= 1^9 + 5^3 + 7^0 + 17^1 + 19^2 = 19 + 53 + 70 + 171 + 192 \\ 505 &:= 1^6 + 2^3 + 6^3 + 16^2 + 24^1 = 16 + 23 + 63 + 162 + 241 & 505 &:= 1^9 + 7^3 + 12^2 + 13^0 + 16^1 = 19 + 73 + 122 + 130 + 161 \\ 505 &:= 1^6 + 2^4 + 7^3 + 12^2 + 27^0 = 16 + 24 + 73 + 122 + 270 & 505 &:= 2^0 + 2^2 + 9^0 + 15^1 + 22^2 = 20 + 22 + 90 + 151 + 222 \\ 505 &:= 1^6 + 3^4 + 9^2 + 18^1 + 18^2 = 16 + 34 + 92 + 181 + 182 & 505 &:= 2^0 + 3^1 + 10^2 + 15^0 + 20^2 = 20 + 31 + 102 + 150 + 202 \\ 505 &:= 1^6 + 3^5 + 8^2 + 14^2 + 23^0 = 16 + 35 + 82 + 142 + 230 & 505 &:= 2^0 + 3^1 + 4^2 + 19^0 + 22^2 = 20 + 31 + 42 + 190 + 222 \\ 505 &:= 1^6 + 4^4 + 9^2 + 12^2 + 23^1 = 16 + 44 + 92 + 122 + 231 & 505 &:= 2^0 + 3^2 + 10^1 + 13^0 + 22^2 = 20 + 32 + 101 + 130 + 222 \\ 505 &:= 1^7 + 2^3 + 15^1 + 15^2 + 16^2 = 17 + 23 + 151 + 152 + 162 & 505 &:= 2^0 + 7^0 + 10^1 + 13^2 + 18^2 = 20 + 70 + 101 + 132 + 182 \\ 505 &:= 1^7 + 2^3 + 6^2 + 19^1 + 21^2 = 17 + 23 + 62 + 191 + 212 & 505 &:= 2^0 + 7^0 + 7^2 + 13^1 + 21^2 = 20 + 70 + 72 + 131 + 212 \\ 505 &:= 1^7 + 3^2 + 6^3 + 16^2 + 23^1 = 17 + 32 + 63 + 162 + 231 & 505 &:= 2^1 + 2^1 + 8^0 + 16^1 + 22^2 = 21 + 21 + 80 + 161 + 222 \\ 505 &:= 1^7 + 3^3 + 10^2 + 16^1 + 19^2 = 17 + 33 + 102 + 161 + 192 & 505 &:= 2^1 + 3^1 + 8^0 + 15^1 + 22^2 = 21 + 31 + 80 + 151 + 222 \\ 505 &:= 1^7 + 3^3 + 4^2 + 20^1 + 21^2 = 17 + 33 + 42 + 201 + 212 & 505 &:= 2^1 + 4^1 + 8^0 + 14^1 + 22^2 = 21 + 41 + 80 + 141 + 222 \\ 505 &:= 1^7 + 3^5 + 4^1 + 16^2 + 25^0 = 17 + 35 + 41 + 162 + 250 & 505 &:= 2^1 + 5^1 + 8^0 + 13^1 + 22^2 = 21 + 51 + 80 + 131 + 222 \\ 505 &:= 1^7 + 4^3 + 10^2 + 16^1 + 18^2 = 17 + 43 + 102 + 161 + 182 & 505 &:= 2^1 + 6^1 + 8^0 + 12^1 + 22^2 = 21 + 61 + 80 + 121 + 222 \\ 505 &:= 1^7 + 4^3 + 13^2 + 15^1 + 16^2 = 17 + 43 + 132 + 151 + 162 & 505 &:= 2^1 + 7^1 + 8^0 + 11^1 + 22^2 = 21 + 71 + 80 + 111 + 222 \\ 505 &:= 1^7 + 5^3 + 6^2 + 18^2 + 19^1 = 17 + 53 + 62 + 182 + 191 & 505 &:= 2^1 + 8^0 + 8^1 + 10^1 + 22^2 = 21 + 80 + 81 + 101 + 222 \\ 505 &:= 1^7 + 5^3 + 7^3 + 10^1 + 26^1 = 17 + 53 + 73 + 101 + 261 & 505 &:= 2^1 + 8^0 + 9^1 + 9^1 + 22^2 = 21 + 80 + 91 + 91 + 222 \\ 505 &:= 1^7 + 5^3 + 7^3 + 11^1 + 25^1 = 17 + 53 + 73 + 111 + 251 & 505 &:= 2^2 + 2^8 + 10^2 + 11^2 + 24^1 = 22 + 28 + 102 + 112 + 241 \end{aligned}$$

$$\begin{aligned} 505 &:= 2^2 + 2^8 + 3^5 + 15^0 + 27^0 = 22 + 28 + 35 + 150 + 270 & 505 &:= 2^7 + 5^3 + 6^3 + 17^1 + 19^1 = 27 + 53 + 63 + 171 + 191 \\ 505 &:= 2^2 + 2^8 + 3^5 + 16^0 + 26^0 = 22 + 28 + 35 + 160 + 260 & 505 &:= 2^7 + 5^3 + 6^3 + 18^1 + 18^1 = 27 + 53 + 63 + 181 + 181 \\ 505 &:= 2^2 + 2^8 + 3^5 + 17^0 + 25^0 = 22 + 28 + 35 + 170 + 250 & 505 &:= 2^7 + 5^3 + 6^3 + 9^1 + 27^1 = 27 + 53 + 63 + 91 + 271 \\ 505 &:= 2^2 + 2^8 + 3^5 + 18^0 + 24^0 = 22 + 28 + 35 + 180 + 240 & 505 &:= 2^7 + 6^2 + 6^3 + 10^2 + 25^1 = 27 + 62 + 63 + 102 + 251 \\ 505 &:= 2^2 + 2^8 + 3^5 + 19^0 + 23^0 = 22 + 28 + 35 + 190 + 230 & 505 &:= 2^8 + 3^3 + 10^2 + 11^2 + 23^0 = 28 + 33 + 102 + 112 + 230 \\ 505 &:= 2^2 + 2^8 + 3^5 + 20^0 + 22^0 = 22 + 28 + 35 + 200 + 220 & 505 &:= 2^8 + 3^3 + 5^2 + 14^2 + 25^0 = 28 + 33 + 52 + 142 + 250 \\ 505 &:= 2^2 + 2^8 + 3^5 + 21^0 + 21^0 = 22 + 28 + 35 + 210 + 210 & 505 &:= 2^8 + 3^4 + 9^0 + 12^2 + 23^1 = 28 + 34 + 90 + 122 + 231 \\ 505 &:= 2^2 + 3^0 + 8^0 + 15^1 + 22^2 = 22 + 30 + 80 + 151 + 222 & 505 &:= 2^8 + 5^2 + 9^2 + 11^2 + 22^1 = 28 + 52 + 92 + 112 + 221 \\ 505 &:= 2^2 + 4^0 + 7^0 + 15^1 + 22^2 = 22 + 40 + 70 + 151 + 222 & 505 &:= 2^8 + 8^2 + 8^2 + 10^2 + 21^1 = 28 + 82 + 82 + 102 + 211 \\ 505 &:= 2^2 + 5^0 + 6^0 + 15^1 + 22^2 = 22 + 50 + 60 + 151 + 222 & 505 &:= 3^0 + 3^1 + 10^2 + 14^0 + 20^2 = 30 + 31 + 102 + 140 + 202 \\ 505 &:= 2^3 + 2^5 + 3^4 + 19^2 + 23^1 = 23 + 25 + 34 + 192 + 231 & 505 &:= 3^0 + 3^1 + 4^2 + 18^0 + 22^2 = 30 + 31 + 42 + 180 + 222 \\ 505 &:= 2^3 + 2^8 + 6^3 + 15^0 + 24^1 = 23 + 28 + 63 + 150 + 241 & 505 &:= 3^0 + 3^2 + 10^1 + 12^0 + 22^2 = 30 + 32 + 101 + 120 + 222 \\ 505 &:= 2^4 + 2^7 + 6^2 + 18^2 + 21^0 = 24 + 27 + 62 + 182 + 210 & 505 &:= 3^0 + 6^0 + 10^1 + 13^2 + 18^2 = 30 + 60 + 101 + 132 + 182 \\ 505 &:= 2^4 + 2^7 + 7^3 + 17^1 + 21^0 = 24 + 27 + 73 + 171 + 210 & 505 &:= 3^0 + 6^0 + 7^2 + 13^1 + 21^2 = 30 + 60 + 72 + 131 + 212 \\ 505 &:= 2^4 + 2^8 + 7^1 + 15^2 + 23^0 = 24 + 28 + 71 + 152 + 230 & 505 &:= 3^1 + 3^1 + 8^0 + 14^1 + 22^2 = 31 + 31 + 80 + 141 + 222 \\ 505 &:= 2^5 + 2^5 + 10^2 + 17^1 + 18^2 = 25 + 25 + 102 + 171 + 182 & 505 &:= 3^1 + 4^0 + 10^2 + 13^0 + 20^2 = 31 + 40 + 102 + 130 + 202 \\ 505 &:= 2^5 + 2^5 + 13^2 + 16^1 + 16^2 = 25 + 25 + 132 + 161 + 162 & 505 &:= 3^1 + 4^0 + 4^2 + 17^0 + 22^2 = 31 + 40 + 42 + 170 + 222 \\ 505 &:= 2^5 + 2^7 + 7^0 + 18^2 + 20^1 = 25 + 27 + 70 + 182 + 201 & 505 &:= 3^1 + 4^1 + 8^0 + 13^1 + 22^2 = 31 + 41 + 80 + 131 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 11^0 + 27^0 = 25 + 27 + 73 + 110 + 270 & 505 &:= 3^1 + 4^2 + 10^0 + 11^0 + 22^2 = 31 + 42 + 100 + 110 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 12^0 + 26^0 = 25 + 27 + 73 + 120 + 260 & 505 &:= 3^1 + 4^2 + 5^0 + 16^0 + 22^2 = 31 + 42 + 50 + 160 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 13^0 + 25^0 = 25 + 27 + 73 + 130 + 250 & 505 &:= 3^1 + 4^2 + 6^0 + 15^0 + 22^2 = 31 + 42 + 60 + 150 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 14^0 + 24^0 = 25 + 27 + 73 + 140 + 240 & 505 &:= 3^1 + 4^2 + 7^0 + 14^0 + 22^2 = 31 + 42 + 70 + 140 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 15^0 + 23^0 = 25 + 27 + 73 + 150 + 230 & 505 &:= 3^1 + 4^2 + 8^0 + 13^0 + 22^2 = 31 + 42 + 80 + 130 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 16^0 + 22^0 = 25 + 27 + 73 + 160 + 220 & 505 &:= 3^1 + 4^2 + 9^0 + 12^0 + 22^2 = 31 + 42 + 90 + 120 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 17^0 + 21^0 = 25 + 27 + 73 + 170 + 210 & 505 &:= 3^1 + 5^0 + 10^2 + 12^0 + 20^2 = 31 + 50 + 102 + 120 + 202 \\ 505 &:= 2^5 + 2^7 + 7^3 + 18^0 + 20^0 = 25 + 27 + 73 + 180 + 200 & 505 &:= 3^1 + 5^1 + 8^0 + 12^1 + 22^2 = 31 + 51 + 80 + 121 + 222 \\ 505 &:= 2^5 + 2^7 + 7^3 + 19^0 + 19^0 = 25 + 27 + 73 + 190 + 190 & 505 &:= 3^1 + 6^0 + 10^2 + 11^0 + 20^2 = 31 + 60 + 102 + 110 + 202 \\ 505 &:= 2^5 + 3^5 + 6^2 + 13^2 + 25^1 = 25 + 35 + 62 + 132 + 251 & 505 &:= 3^1 + 6^1 + 8^0 + 11^1 + 22^2 = 31 + 61 + 80 + 111 + 222 \\ 505 &:= 2^6 + 2^6 + 11^0 + 15^1 + 19^2 = 26 + 26 + 110 + 151 + 192 & 505 &:= 3^1 + 7^0 + 10^0 + 10^2 + 20^2 = 31 + 70 + 100 + 102 + 202 \\ 505 &:= 2^7 + 3^5 + 11^2 + 12^1 + 21^0 = 27 + 35 + 112 + 121 + 210 & 505 &:= 3^1 + 7^1 + 8^0 + 10^1 + 22^2 = 31 + 71 + 80 + 101 + 222 \\ 505 &:= 2^7 + 4^3 + 6^2 + 16^2 + 21^1 = 27 + 43 + 62 + 162 + 211 & 505 &:= 3^1 + 8^0 + 8^1 + 9^1 + 22^2 = 31 + 80 + 81 + 91 + 222 \\ 505 &:= 2^7 + 5^3 + 6^3 + 10^1 + 26^1 = 27 + 53 + 63 + 101 + 261 & 505 &:= 3^1 + 8^0 + 9^0 + 10^2 + 20^2 = 31 + 80 + 90 + 102 + 202 \\ 505 &:= 2^7 + 5^3 + 6^3 + 11^1 + 25^1 = 27 + 53 + 63 + 111 + 251 & 505 &:= 3^2 + 4^0 + 10^1 + 11^0 + 22^2 = 32 + 40 + 101 + 110 + 222 \\ 505 &:= 2^7 + 5^3 + 6^3 + 12^1 + 24^1 = 27 + 53 + 63 + 121 + 241 & 505 &:= 3^2 + 5^0 + 10^0 + 10^1 + 22^2 = 32 + 50 + 100 + 101 + 222 \\ 505 &:= 2^7 + 5^3 + 6^3 + 13^1 + 23^1 = 27 + 53 + 63 + 131 + 231 & 505 &:= 3^2 + 6^0 + 9^0 + 10^1 + 22^2 = 32 + 60 + 90 + 101 + 222 \\ 505 &:= 2^7 + 5^3 + 6^3 + 14^1 + 22^1 = 27 + 53 + 63 + 141 + 221 & 505 &:= 3^2 + 7^0 + 8^0 + 10^1 + 22^2 = 32 + 70 + 80 + 101 + 222 \\ 505 &:= 2^7 + 5^3 + 6^3 + 15^1 + 21^1 = 27 + 53 + 63 + 151 + 211 & 505 &:= 4^0 + 5^0 + 10^1 + 13^2 + 18^2 = 40 + 50 + 101 + 132 + 182 \\ 505 &:= 2^7 + 5^3 + 6^3 + 16^1 + 20^1 = 27 + 53 + 63 + 161 + 201 & 505 &:= 4^0 + 5^0 + 7^2 + 13^1 + 21^2 = 40 + 50 + 72 + 131 + 212 \end{aligned}$$

$$\begin{aligned}
 505 &:= 4^1 + 4^1 + 8^0 + 12^1 + 22^2 = 41 + 41 + 80 + 121 + 222 \\
 505 &:= 4^1 + 5^1 + 8^0 + 11^1 + 22^2 = 41 + 51 + 80 + 111 + 222 \\
 505 &:= 4^1 + 6^1 + 8^0 + 10^1 + 22^2 = 41 + 61 + 80 + 101 + 222 \\
 505 &:= 4^1 + 7^1 + 8^0 + 9^1 + 22^2 = 41 + 71 + 80 + 91 + 222 \\
 505 &:= 4^1 + 8^0 + 8^1 + 8^1 + 22^2 = 41 + 80 + 81 + 81 + 222 \\
 505 &:= 5^1 + 5^1 + 8^0 + 10^1 + 22^2 = 51 + 51 + 80 + 101 + 222
 \end{aligned}$$

$$\begin{aligned}
 505 &:= 5^1 + 6^1 + 8^0 + 9^1 + 22^2 = 51 + 61 + 80 + 91 + 222 \\
 505 &:= 5^1 + 7^1 + 8^0 + 8^1 + 22^2 = 51 + 71 + 80 + 81 + 222 \\
 505 &:= 6^1 + 6^1 + 8^0 + 8^1 + 22^2 = 61 + 61 + 80 + 81 + 222 \\
 505 &:= 6^1 + 7^1 + 7^1 + 8^0 + 22^2 = 61 + 71 + 71 + 80 + 222
 \end{aligned}$$

2.2.407 Number 506

$$\begin{aligned}
 506 &:= 1^3 + 7^0 + 20^1 + 22^2 = 13 + 70 + 201 + 222 \\
 506 &:= 2^3 + 13^0 + 13^1 + 22^2 = 23 + 130 + 131 + 222 \\
 506 &:= 5^3 + 7^0 + 19^1 + 19^2 = 53 + 70 + 191 + 192 \\
 506 &:= 7^3 + 12^2 + 13^0 + 18^1 = 73 + 122 + 130 + 181 \\
 506 &:= 9^2 + 10^2 + 13^0 + 18^2 = 92 + 102 + 130 + 182 \\
 506 &:= 1^0 + 1^3 + 7^0 + 19^1 + 22^2 = 10 + 13 + 70 + 191 + 222 \\
 506 &:= 1^0 + 2^2 + 10^2 + 17^0 + 20^2 = 10 + 22 + 102 + 170 + 202 \\
 506 &:= 1^0 + 2^2 + 4^2 + 21^0 + 22^2 = 10 + 22 + 42 + 210 + 222 \\
 506 &:= 1^0 + 2^3 + 12^1 + 13^0 + 22^2 = 10 + 23 + 121 + 130 + 222 \\
 506 &:= 1^0 + 5^3 + 7^0 + 18^1 + 19^2 = 10 + 53 + 70 + 181 + 192 \\
 506 &:= 1^0 + 6^2 + 12^2 + 13^0 + 18^2 = 10 + 62 + 122 + 130 + 182 \\
 506 &:= 1^0 + 7^3 + 12^2 + 13^0 + 17^1 = 10 + 73 + 122 + 130 + 171 \\
 506 &:= 1^1 + 1^2 + 7^0 + 19^1 + 22^2 = 11 + 12 + 70 + 191 + 222 \\
 506 &:= 1^1 + 2^2 + 9^0 + 16^1 + 22^2 = 11 + 22 + 90 + 161 + 222 \\
 506 &:= 1^1 + 3^2 + 11^1 + 13^0 + 22^2 = 11 + 32 + 111 + 130 + 222 \\
 506 &:= 1^1 + 4^1 + 10^2 + 15^0 + 20^2 = 11 + 41 + 102 + 150 + 202 \\
 506 &:= 1^1 + 4^1 + 4^2 + 19^0 + 22^2 = 11 + 41 + 42 + 190 + 222 \\
 506 &:= 1^1 + 7^0 + 11^1 + 13^2 + 18^2 = 11 + 70 + 111 + 132 + 182 \\
 506 &:= 1^1 + 7^0 + 7^2 + 14^1 + 21^2 = 11 + 70 + 72 + 141 + 212 \\
 506 &:= 1^2 + 2^1 + 7^0 + 18^1 + 22^2 = 12 + 21 + 70 + 181 + 222 \\
 506 &:= 1^2 + 3^1 + 7^0 + 17^1 + 22^2 = 12 + 31 + 70 + 171 + 222 \\
 506 &:= 1^2 + 4^1 + 7^0 + 16^1 + 22^2 = 12 + 41 + 70 + 161 + 222 \\
 506 &:= 1^2 + 5^1 + 7^0 + 15^1 + 22^2 = 12 + 51 + 70 + 151 + 222 \\
 506 &:= 1^2 + 6^1 + 7^0 + 14^1 + 22^2 = 12 + 61 + 70 + 141 + 222 \\
 506 &:= 1^2 + 7^0 + 10^1 + 10^1 + 22^2 = 12 + 70 + 101 + 101 + 222 \\
 506 &:= 1^2 + 7^0 + 7^1 + 13^1 + 22^2 = 12 + 70 + 71 + 131 + 222 \\
 506 &:= 1^2 + 7^0 + 8^1 + 12^1 + 22^2 = 12 + 70 + 81 + 121 + 222 \\
 506 &:= 1^2 + 7^0 + 9^1 + 11^1 + 22^2 = 12 + 70 + 91 + 111 + 222 \\
 506 &:= 1^3 + 2^0 + 6^0 + 19^1 + 22^2 = 13 + 20 + 60 + 191 + 222 \\
 506 &:= 1^3 + 3^0 + 5^0 + 19^1 + 22^2 = 13 + 30 + 50 + 191 + 222
 \end{aligned}$$

$$\begin{aligned}
 506 &:= 1^3 + 4^0 + 4^0 + 19^1 + 22^2 = 13 + 40 + 40 + 191 + 222 \\
 506 &:= 1^4 + 1^9 + 6^0 + 19^1 + 22^2 = 14 + 19 + 60 + 191 + 222 \\
 506 &:= 1^5 + 1^8 + 6^0 + 19^1 + 22^2 = 15 + 18 + 60 + 191 + 222 \\
 506 &:= 1^5 + 2^8 + 8^0 + 15^2 + 23^1 = 15 + 28 + 80 + 152 + 231 \\
 506 &:= 1^5 + 3^5 + 3^5 + 18^1 + 24^0 = 15 + 35 + 35 + 181 + 240 \\
 506 &:= 1^6 + 1^7 + 6^0 + 19^1 + 22^2 = 16 + 17 + 60 + 191 + 222 \\
 506 &:= 1^6 + 2^5 + 6^3 + 16^2 + 24^0 = 16 + 25 + 63 + 162 + 240 \\
 506 &:= 1^6 + 2^7 + 12^0 + 15^1 + 19^2 = 16 + 27 + 120 + 151 + 192 \\
 506 &:= 1^7 + 3^5 + 6^2 + 15^2 + 24^0 = 17 + 35 + 62 + 152 + 240 \\
 506 &:= 1^8 + 2^2 + 2^4 + 22^0 + 22^2 = 18 + 22 + 24 + 220 + 222 \\
 506 &:= 1^8 + 3^5 + 5^1 + 16^2 + 24^0 = 18 + 35 + 51 + 162 + 240 \\
 506 &:= 1^9 + 2^0 + 3^4 + 20^2 + 23^1 = 19 + 20 + 34 + 202 + 231 \\
 506 &:= 1^9 + 2^4 + 4^1 + 20^0 + 22^2 = 19 + 24 + 41 + 200 + 222 \\
 506 &:= 1^9 + 3^3 + 6^2 + 18^0 + 21^2 = 19 + 33 + 62 + 180 + 212 \\
 506 &:= 1^9 + 4^4 + 6^0 + 15^2 + 23^1 = 19 + 44 + 60 + 152 + 231 \\
 506 &:= 1^9 + 6^3 + 12^2 + 12^2 + 18^0 = 19 + 63 + 122 + 122 + 180 \\
 506 &:= 2^0 + 2^2 + 10^2 + 16^0 + 20^2 = 20 + 22 + 102 + 160 + 202 \\
 506 &:= 2^0 + 2^2 + 4^2 + 20^0 + 22^2 = 20 + 22 + 42 + 200 + 222 \\
 506 &:= 2^0 + 2^3 + 12^0 + 12^1 + 22^2 = 20 + 23 + 120 + 121 + 222 \\
 506 &:= 2^0 + 5^3 + 6^0 + 18^1 + 19^2 = 20 + 53 + 60 + 181 + 192 \\
 506 &:= 2^0 + 6^2 + 12^0 + 12^2 + 18^2 = 20 + 62 + 120 + 122 + 182 \\
 506 &:= 2^0 + 7^3 + 12^0 + 12^2 + 17^1 = 20 + 73 + 120 + 122 + 171 \\
 506 &:= 2^1 + 2^2 + 9^0 + 15^1 + 22^2 = 21 + 22 + 90 + 151 + 222 \\
 506 &:= 2^1 + 3^1 + 10^2 + 15^0 + 20^2 = 21 + 31 + 102 + 150 + 202 \\
 506 &:= 2^1 + 3^1 + 4^2 + 19^0 + 22^2 = 21 + 31 + 42 + 190 + 222 \\
 506 &:= 2^1 + 3^2 + 10^1 + 13^0 + 22^2 = 21 + 32 + 101 + 130 + 222 \\
 506 &:= 2^1 + 7^0 + 10^1 + 13^2 + 18^2 = 21 + 70 + 101 + 132 + 182 \\
 506 &:= 2^1 + 7^0 + 7^2 + 13^1 + 21^2 = 21 + 70 + 72 + 131 + 212 \\
 506 &:= 2^2 + 3^0 + 10^2 + 15^0 + 20^2 = 22 + 30 + 102 + 150 + 202 \\
 506 &:= 2^2 + 3^0 + 4^2 + 19^0 + 22^2 = 22 + 30 + 42 + 190 + 222
 \end{aligned}$$

$$\begin{aligned}
 506 &:= 2^2 + 3^1 + 9^0 + 14^1 + 22^2 = 22 + 31 + 90 + 141 + 222 \\
 506 &:= 2^2 + 4^0 + 10^2 + 14^0 + 20^2 = 22 + 40 + 102 + 140 + 202 \\
 506 &:= 2^2 + 4^0 + 4^2 + 18^0 + 22^2 = 22 + 40 + 42 + 180 + 222 \\
 506 &:= 2^2 + 4^1 + 9^0 + 13^1 + 22^2 = 22 + 41 + 90 + 131 + 222 \\
 506 &:= 2^2 + 4^2 + 10^0 + 12^0 + 22^2 = 22 + 42 + 100 + 120 + 222 \\
 506 &:= 2^2 + 4^2 + 11^0 + 11^0 + 22^2 = 22 + 42 + 110 + 110 + 222 \\
 506 &:= 2^2 + 4^2 + 5^0 + 17^0 + 22^2 = 22 + 42 + 50 + 170 + 222 \\
 506 &:= 2^2 + 4^2 + 6^0 + 16^0 + 22^2 = 22 + 42 + 60 + 160 + 222 \\
 506 &:= 2^2 + 4^2 + 7^0 + 15^0 + 22^2 = 22 + 42 + 70 + 150 + 222 \\
 506 &:= 2^2 + 4^2 + 8^0 + 14^0 + 22^2 = 22 + 42 + 80 + 140 + 222 \\
 506 &:= 2^2 + 4^2 + 9^0 + 13^0 + 22^2 = 22 + 42 + 90 + 130 + 222 \\
 506 &:= 2^2 + 5^0 + 10^2 + 13^0 + 20^2 = 22 + 50 + 102 + 130 + 202 \\
 506 &:= 2^2 + 5^1 + 9^0 + 12^1 + 22^2 = 22 + 51 + 90 + 121 + 222 \\
 506 &:= 2^2 + 6^0 + 10^2 + 12^0 + 20^2 = 22 + 60 + 102 + 120 + 202 \\
 506 &:= 2^2 + 6^1 + 9^0 + 11^1 + 22^2 = 22 + 61 + 90 + 111 + 222 \\
 506 &:= 2^2 + 7^0 + 10^2 + 11^0 + 20^2 = 22 + 70 + 102 + 110 + 202 \\
 506 &:= 2^2 + 7^1 + 9^0 + 10^1 + 22^2 = 22 + 71 + 90 + 101 + 222 \\
 506 &:= 2^2 + 8^0 + 10^0 + 10^2 + 20^2 = 22 + 80 + 100 + 102 + 202 \\
 506 &:= 2^2 + 8^1 + 9^0 + 9^1 + 22^2 = 22 + 81 + 90 + 91 + 222 \\
 506 &:= 2^2 + 9^0 + 9^0 + 10^2 + 20^2 = 22 + 90 + 90 + 102 + 202 \\
 506 &:= 2^3 + 3^0 + 11^0 + 12^1 + 22^2 = 23 + 30 + 110 + 121 + 222 \\
 506 &:= 2^3 + 4^0 + 10^0 + 12^1 + 22^2 = 23 + 40 + 100 + 121 + 222 \\
 506 &:= 2^3 + 5^0 + 9^0 + 12^1 + 22^2 = 23 + 50 + 90 + 121 + 222 \\
 506 &:= 2^3 + 6^0 + 8^0 + 12^1 + 22^2 = 23 + 60 + 80 + 121 + 222 \\
 506 &:= 2^3 + 7^0 + 7^0 + 12^1 + 22^2 = 23 + 70 + 70 + 121 + 222 \\
 506 &:= 2^4 + 2^8 + 6^3 + 17^1 + 22^0 = 24 + 28 + 63 + 171 + 220 \\
 506 &:= 2^4 + 2^8 + 8^2 + 13^2 + 24^0 = 24 + 28 + 82 + 132 + 240 \\
 506 &:= 2^5 + 2^8 + 10^0 + 14^2 + 21^1 = 25 + 28 + 100 + 142 + 211 \\
 506 &:= 2^5 + 2^8 + 6^3 + 12^0 + 27^0 = 25 + 28 + 63 + 120 + 270 \\
 506 &:= 2^5 + 2^8 + 6^3 + 13^0 + 26^0 = 25 + 28 + 63 + 130 + 260 \\
 506 &:= 2^5 + 2^8 + 6^3 + 14^0 + 25^0 = 25 + 28 + 63 + 140 + 250 \\
 506 &:= 2^5 + 2^8 + 6^3 + 15^0 + 24^0 = 25 + 28 + 63 + 150 + 240 \\
 506 &:= 2^5 + 2^8 + 6^3 + 16^0 + 23^0 = 25 + 28 + 63 + 160 + 230
 \end{aligned}$$

$$\begin{aligned}
 506 &:= 2^5 + 2^8 + 6^3 + 17^0 + 22^0 = 25 + 28 + 63 + 170 + 220 \\
 506 &:= 2^5 + 2^8 + 6^3 + 18^0 + 21^0 = 25 + 28 + 63 + 180 + 210 \\
 506 &:= 2^5 + 2^8 + 6^3 + 19^0 + 20^0 = 25 + 28 + 63 + 190 + 200 \\
 506 &:= 2^6 + 2^6 + 11^2 + 16^2 + 18^0 = 26 + 26 + 112 + 162 + 180 \\
 506 &:= 2^6 + 2^6 + 4^2 + 19^2 + 22^0 = 26 + 26 + 42 + 192 + 220 \\
 506 &:= 2^6 + 2^7 + 4^0 + 17^2 + 24^1 = 26 + 27 + 40 + 172 + 241 \\
 506 &:= 3^0 + 5^0 + 5^3 + 18^1 + 19^2 = 30 + 50 + 53 + 181 + 192 \\
 506 &:= 3^0 + 6^2 + 11^0 + 12^2 + 18^2 = 30 + 62 + 110 + 122 + 182 \\
 506 &:= 3^0 + 7^3 + 11^0 + 12^2 + 17^1 = 30 + 73 + 110 + 122 + 171 \\
 506 &:= 3^1 + 3^2 + 9^1 + 13^0 + 22^2 = 31 + 32 + 91 + 130 + 222 \\
 506 &:= 3^1 + 7^0 + 7^2 + 12^1 + 21^2 = 31 + 70 + 72 + 121 + 212 \\
 506 &:= 3^1 + 7^0 + 9^1 + 13^2 + 18^2 = 31 + 70 + 91 + 132 + 182 \\
 506 &:= 3^2 + 4^1 + 8^1 + 13^0 + 22^2 = 32 + 41 + 81 + 130 + 222 \\
 506 &:= 3^2 + 5^1 + 7^1 + 13^0 + 22^2 = 32 + 51 + 71 + 130 + 222 \\
 506 &:= 3^2 + 6^1 + 6^1 + 13^0 + 22^2 = 32 + 61 + 61 + 130 + 222 \\
 506 &:= 4^0 + 4^0 + 5^3 + 18^1 + 19^2 = 40 + 40 + 53 + 181 + 192 \\
 506 &:= 4^0 + 6^2 + 10^0 + 12^2 + 18^2 = 40 + 62 + 100 + 122 + 182 \\
 506 &:= 4^0 + 7^3 + 10^0 + 12^2 + 17^1 = 40 + 73 + 100 + 122 + 171 \\
 506 &:= 4^1 + 7^0 + 7^2 + 11^1 + 21^2 = 41 + 70 + 72 + 111 + 212 \\
 506 &:= 4^1 + 7^0 + 8^1 + 13^2 + 18^2 = 41 + 70 + 81 + 132 + 182 \\
 506 &:= 5^0 + 6^2 + 9^0 + 12^2 + 18^2 = 50 + 62 + 90 + 122 + 182 \\
 506 &:= 5^0 + 7^3 + 9^0 + 12^2 + 17^1 = 50 + 73 + 90 + 122 + 171 \\
 506 &:= 5^1 + 7^0 + 7^1 + 13^2 + 18^2 = 51 + 70 + 71 + 132 + 182 \\
 506 &:= 5^1 + 7^0 + 7^2 + 10^1 + 21^2 = 51 + 70 + 72 + 101 + 212 \\
 506 &:= 6^0 + 6^2 + 8^0 + 12^2 + 18^2 = 60 + 62 + 80 + 122 + 182 \\
 506 &:= 6^0 + 7^3 + 8^0 + 12^2 + 17^1 = 60 + 73 + 80 + 122 + 171 \\
 506 &:= 6^1 + 6^1 + 7^0 + 13^2 + 18^2 = 61 + 61 + 70 + 132 + 182 \\
 506 &:= 6^1 + 7^0 + 7^2 + 9^1 + 21^2 = 61 + 70 + 72 + 91 + 212 \\
 506 &:= 6^2 + 7^0 + 7^0 + 12^2 + 18^2 = 62 + 70 + 70 + 122 + 182 \\
 506 &:= 7^0 + 7^0 + 7^3 + 12^2 + 17^1 = 70 + 70 + 73 + 122 + 171 \\
 506 &:= 7^0 + 7^1 + 7^2 + 8^1 + 21^2 = 70 + 71 + 72 + 81 + 212
 \end{aligned}$$

2.2.408 Number 507

$$\begin{aligned}
 507 &:= 1^2 + 4^3 + 21^2 + 24^0 = 12 + 43 + 212 + 240 \\
 507 &:= 1^2 + 6^3 + 17^2 + 26^0 = 12 + 63 + 172 + 260 \\
 507 &:= 1^3 + 12^2 + 18^0 + 19^2 = 13 + 122 + 180 + 192
 \end{aligned}$$

$$\begin{aligned}
 507 &:= 1^3 + 8^2 + 20^0 + 21^2 = 13 + 82 + 200 + 212 \\
 507 &:= 1^4 + 6^0 + 21^1 + 22^2 = 14 + 60 + 211 + 222 \\
 507 &:= 1^9 + 2^6 + 21^2 + 25^0 = 19 + 26 + 212 + 250
 \end{aligned}$$

$$\begin{aligned} 507 &:= 2^0 + 3^4 + 20^2 + 25^1 = 20 + 34 + 202 + 251 \\ 507 &:= 2^4 + 6^1 + 20^0 + 22^2 = 24 + 61 + 200 + 222 \\ 507 &:= 4^3 + 9^2 + 18^0 + 19^2 = 43 + 92 + 180 + 192 \\ 507 &:= 4^4 + 6^0 + 15^2 + 25^1 = 44 + 60 + 152 + 251 \\ 507 &:= 6^3 + 11^2 + 13^2 + 20^0 = 63 + 112 + 132 + 200 \\ 507 &:= 1^0 + 1^4 + 6^0 + 20^1 + 22^2 = 10 + 14 + 60 + 201 + 222 \\ 507 &:= 1^0 + 2^0 + 3^4 + 20^2 + 24^1 = 10 + 20 + 34 + 202 + 241 \\ 507 &:= 1^0 + 2^4 + 5^1 + 20^0 + 22^2 = 10 + 24 + 51 + 200 + 222 \\ 507 &:= 1^0 + 4^4 + 6^0 + 15^2 + 24^1 = 10 + 44 + 60 + 152 + 241 \\ 507 &:= 1^0 + 6^3 + 8^2 + 15^2 + 20^0 = 10 + 63 + 82 + 152 + 200 \\ 507 &:= 1^0 + 7^3 + 9^2 + 9^2 + 24^0 = 10 + 73 + 92 + 92 + 240 \\ 507 &:= 1^1 + 1^3 + 6^0 + 20^1 + 22^2 = 11 + 13 + 60 + 201 + 222 \\ 507 &:= 1^1 + 1^9 + 3^4 + 20^2 + 24^1 = 11 + 19 + 34 + 202 + 241 \\ 507 &:= 1^1 + 2^3 + 12^0 + 13^1 + 22^2 = 11 + 23 + 120 + 131 + 222 \\ 507 &:= 1^1 + 5^3 + 6^0 + 19^1 + 19^2 = 11 + 53 + 60 + 191 + 192 \\ 507 &:= 1^1 + 7^3 + 12^0 + 12^2 + 18^1 = 11 + 73 + 120 + 122 + 181 \\ 507 &:= 1^1 + 9^2 + 10^2 + 12^0 + 18^2 = 11 + 92 + 102 + 120 + 182 \\ 507 &:= 1^2 + 1^2 + 6^0 + 20^1 + 22^2 = 12 + 12 + 60 + 201 + 222 \\ 507 &:= 1^2 + 1^8 + 3^4 + 20^2 + 24^1 = 12 + 18 + 34 + 202 + 241 \\ 507 &:= 1^2 + 2^2 + 8^0 + 17^1 + 22^2 = 12 + 22 + 80 + 171 + 222 \\ 507 &:= 1^2 + 3^2 + 12^0 + 12^1 + 22^2 = 12 + 32 + 120 + 121 + 222 \\ 507 &:= 1^2 + 4^2 + 5^1 + 18^0 + 22^2 = 12 + 42 + 51 + 180 + 222 \\ 507 &:= 1^2 + 5^1 + 10^2 + 14^0 + 20^2 = 12 + 51 + 102 + 140 + 202 \\ 507 &:= 1^2 + 6^0 + 12^1 + 13^2 + 18^2 = 12 + 60 + 121 + 132 + 182 \\ 507 &:= 1^2 + 6^0 + 7^2 + 15^1 + 21^2 = 12 + 60 + 72 + 151 + 212 \\ 507 &:= 1^3 + 1^7 + 3^4 + 20^2 + 24^1 = 13 + 17 + 34 + 202 + 241 \\ 507 &:= 1^3 + 2^1 + 6^0 + 19^1 + 22^2 = 13 + 21 + 60 + 191 + 222 \\ 507 &:= 1^3 + 3^1 + 6^0 + 18^1 + 22^2 = 13 + 31 + 60 + 181 + 222 \\ 507 &:= 1^3 + 4^1 + 6^0 + 17^1 + 22^2 = 13 + 41 + 60 + 171 + 222 \\ 507 &:= 1^3 + 5^1 + 6^0 + 16^1 + 22^2 = 13 + 51 + 60 + 161 + 222 \\ 507 &:= 1^3 + 6^0 + 10^1 + 11^1 + 22^2 = 13 + 60 + 101 + 111 + 222 \\ 507 &:= 1^3 + 6^0 + 6^1 + 15^1 + 22^2 = 13 + 60 + 61 + 151 + 222 \\ 507 &:= 1^3 + 6^0 + 7^1 + 14^1 + 22^2 = 13 + 60 + 71 + 141 + 222 \\ 507 &:= 1^3 + 6^0 + 8^1 + 13^1 + 22^2 = 13 + 60 + 81 + 131 + 222 \\ 507 &:= 1^3 + 6^0 + 9^1 + 12^1 + 22^2 = 13 + 60 + 91 + 121 + 222 \\ 507 &:= 1^4 + 1^6 + 3^4 + 20^2 + 24^1 = 14 + 16 + 34 + 202 + 241 \\ 507 &:= 1^4 + 2^0 + 5^0 + 20^1 + 22^2 = 14 + 20 + 50 + 201 + 222 \\ 507 &:= 1^4 + 2^4 + 2^7 + 19^2 + 25^0 = 14 + 24 + 27 + 192 + 250 \end{aligned}$$

$$\begin{aligned} 507 &:= 1^4 + 2^7 + 4^3 + 17^2 + 25^1 = 14 + 27 + 43 + 172 + 251 \\ 507 &:= 1^4 + 2^8 + 9^2 + 12^2 + 25^1 = 14 + 28 + 92 + 122 + 251 \\ 507 &:= 1^4 + 3^0 + 4^0 + 20^1 + 22^2 = 14 + 30 + 40 + 201 + 222 \\ 507 &:= 1^5 + 1^5 + 3^4 + 20^2 + 24^1 = 15 + 15 + 34 + 202 + 241 \\ 507 &:= 1^5 + 1^9 + 5^0 + 20^1 + 22^2 = 15 + 19 + 50 + 201 + 222 \\ 507 &:= 1^5 + 2^5 + 2^5 + 21^2 + 23^0 = 15 + 25 + 25 + 212 + 230 \\ 507 &:= 1^6 + 1^8 + 5^0 + 20^1 + 22^2 = 16 + 18 + 50 + 201 + 222 \\ 507 &:= 1^6 + 2^6 + 10^2 + 18^1 + 18^2 = 16 + 26 + 102 + 181 + 182 \\ 507 &:= 1^6 + 2^6 + 13^2 + 16^2 + 17^1 = 16 + 26 + 132 + 162 + 171 \\ 507 &:= 1^6 + 2^6 + 6^3 + 15^2 + 25^0 = 16 + 26 + 63 + 152 + 250 \\ 507 &:= 1^6 + 2^7 + 11^2 + 16^2 + 19^0 = 16 + 27 + 112 + 162 + 190 \\ 507 &:= 1^6 + 2^7 + 4^2 + 19^2 + 23^0 = 16 + 27 + 42 + 192 + 230 \\ 507 &:= 1^6 + 2^8 + 7^0 + 15^2 + 24^1 = 16 + 28 + 70 + 152 + 241 \\ 507 &:= 1^6 + 3^5 + 3^5 + 19^1 + 23^0 = 16 + 35 + 35 + 191 + 230 \\ 507 &:= 1^7 + 1^7 + 5^0 + 20^1 + 22^2 = 17 + 17 + 50 + 201 + 222 \\ 507 &:= 1^7 + 2^4 + 3^3 + 21^2 + 22^1 = 17 + 24 + 33 + 212 + 221 \\ 507 &:= 1^7 + 2^5 + 13^2 + 16^1 + 17^2 = 17 + 25 + 132 + 161 + 172 \\ 507 &:= 1^7 + 2^7 + 11^0 + 16^1 + 19^2 = 17 + 27 + 110 + 161 + 192 \\ 507 &:= 1^7 + 3^3 + 4^4 + 14^2 + 27^1 = 17 + 33 + 44 + 142 + 271 \\ 507 &:= 1^9 + 2^1 + 3^4 + 20^2 + 23^1 = 19 + 21 + 34 + 202 + 231 \\ 507 &:= 1^9 + 2^3 + 11^2 + 16^1 + 19^2 = 19 + 23 + 112 + 161 + 192 \\ 507 &:= 1^9 + 2^3 + 9^2 + 17^1 + 20^2 = 19 + 23 + 92 + 171 + 202 \\ 507 &:= 1^9 + 3^1 + 3^4 + 20^2 + 22^1 = 19 + 31 + 34 + 202 + 221 \\ 507 &:= 1^9 + 3^4 + 10^1 + 15^1 + 20^2 = 19 + 34 + 101 + 151 + 202 \\ 507 &:= 1^9 + 3^4 + 10^2 + 17^0 + 18^2 = 19 + 34 + 102 + 170 + 182 \\ 507 &:= 1^9 + 3^4 + 11^1 + 14^1 + 20^2 = 19 + 34 + 111 + 141 + 202 \\ 507 &:= 1^9 + 3^4 + 12^1 + 13^1 + 20^2 = 19 + 34 + 121 + 131 + 202 \\ 507 &:= 1^9 + 3^4 + 4^1 + 20^2 + 21^1 = 19 + 34 + 41 + 202 + 211 \\ 507 &:= 1^9 + 3^4 + 5^1 + 20^1 + 20^2 = 19 + 34 + 51 + 201 + 202 \\ 507 &:= 1^9 + 3^4 + 6^1 + 19^1 + 20^2 = 19 + 34 + 61 + 191 + 202 \\ 507 &:= 1^9 + 3^4 + 7^1 + 18^1 + 20^2 = 19 + 34 + 71 + 181 + 202 \\ 507 &:= 1^9 + 3^4 + 8^1 + 17^1 + 20^2 = 19 + 34 + 81 + 171 + 202 \\ 507 &:= 1^9 + 3^4 + 9^1 + 16^1 + 20^2 = 19 + 34 + 91 + 161 + 202 \\ 507 &:= 1^9 + 3^5 + 6^1 + 16^2 + 23^0 = 19 + 35 + 61 + 162 + 230 \\ 507 &:= 1^9 + 4^2 + 7^3 + 11^2 + 26^1 = 19 + 42 + 73 + 112 + 261 \\ 507 &:= 1^9 + 4^3 + 6^3 + 15^2 + 23^0 = 19 + 43 + 63 + 152 + 230 \\ 507 &:= 1^9 + 4^3 + 8^2 + 17^1 + 19^2 = 19 + 43 + 82 + 171 + 192 \\ 507 &:= 1^9 + 5^3 + 13^2 + 14^2 + 16^1 = 19 + 53 + 132 + 142 + 161 \end{aligned}$$

$$\begin{aligned} 507 &:= 2^0 + 2^4 + 5^1 + 19^0 + 22^2 = 20 + 24 + 51 + 190 + 222 \\ 507 &:= 2^0 + 3^2 + 11^2 + 15^1 + 19^2 = 20 + 32 + 112 + 151 + 192 \\ 507 &:= 2^0 + 3^2 + 9^2 + 16^1 + 20^2 = 20 + 32 + 92 + 161 + 202 \\ 507 &:= 2^0 + 4^4 + 5^0 + 15^2 + 24^1 = 20 + 44 + 50 + 152 + 241 \\ 507 &:= 2^0 + 5^2 + 12^2 + 13^1 + 18^2 = 20 + 52 + 122 + 131 + 182 \\ 507 &:= 2^0 + 6^2 + 12^1 + 13^2 + 17^2 = 20 + 62 + 121 + 132 + 172 \\ 507 &:= 2^0 + 6^3 + 8^2 + 15^2 + 19^0 = 20 + 63 + 82 + 152 + 190 \\ 507 &:= 2^0 + 7^2 + 11^2 + 12^1 + 18^2 = 20 + 72 + 112 + 121 + 182 \\ 507 &:= 2^0 + 7^3 + 9^2 + 9^2 + 23^0 = 20 + 73 + 92 + 92 + 230 \\ 507 &:= 2^1 + 2^2 + 10^2 + 16^0 + 20^2 = 21 + 22 + 102 + 160 + 202 \\ 507 &:= 2^1 + 2^2 + 4^2 + 20^0 + 22^2 = 21 + 22 + 42 + 200 + 222 \\ 507 &:= 2^1 + 2^3 + 12^0 + 12^1 + 22^2 = 21 + 23 + 120 + 121 + 222 \\ 507 &:= 2^1 + 5^3 + 6^0 + 18^1 + 19^2 = 21 + 53 + 60 + 181 + 192 \\ 507 &:= 2^1 + 6^2 + 12^0 + 12^2 + 18^2 = 21 + 62 + 120 + 122 + 182 \\ 507 &:= 2^1 + 7^3 + 12^0 + 12^2 + 17^1 = 21 + 73 + 120 + 122 + 171 \\ 507 &:= 2^2 + 2^2 + 10^0 + 14^1 + 22^2 = 22 + 22 + 100 + 141 + 222 \\ 507 &:= 2^2 + 3^2 + 9^1 + 14^0 + 22^2 = 22 + 32 + 91 + 140 + 222 \\ 507 &:= 2^2 + 7^2 + 8^0 + 12^1 + 21^2 = 22 + 72 + 80 + 121 + 212 \\ 507 &:= 2^2 + 8^0 + 9^1 + 13^2 + 18^2 = 22 + 80 + 91 + 132 + 182 \\ 507 &:= 2^3 + 3^1 + 11^1 + 12^0 + 22^2 = 23 + 31 + 111 + 120 + 222 \\ 507 &:= 2^3 + 4^1 + 10^1 + 12^0 + 22^2 = 23 + 41 + 101 + 120 + 222 \\ 507 &:= 2^3 + 5^1 + 9^1 + 12^0 + 22^2 = 23 + 51 + 91 + 120 + 222 \\ 507 &:= 2^3 + 6^1 + 8^1 + 12^0 + 22^2 = 23 + 61 + 81 + 120 + 222 \\ 507 &:= 2^3 + 7^1 + 7^1 + 12^0 + 22^2 = 23 + 71 + 71 + 120 + 222 \\ 507 &:= 2^4 + 3^0 + 5^1 + 18^0 + 22^2 = 24 + 30 + 51 + 180 + 222 \\ 507 &:= 2^4 + 4^0 + 5^1 + 17^0 + 22^2 = 24 + 40 + 51 + 170 + 222 \\ 507 &:= 2^4 + 5^0 + 5^1 + 16^0 + 22^2 = 24 + 50 + 51 + 160 + 222 \\ 507 &:= 2^4 + 5^1 + 10^0 + 11^0 + 22^2 = 24 + 51 + 100 + 110 + 222 \\ 507 &:= 2^4 + 5^1 + 6^0 + 15^0 + 22^2 = 24 + 51 + 60 + 150 + 222 \\ 507 &:= 2^4 + 5^1 + 7^0 + 14^0 + 22^2 = 24 + 51 + 70 + 140 + 222 \\ 507 &:= 2^4 + 5^1 + 8^0 + 13^0 + 22^2 = 24 + 51 + 80 + 130 + 222 \\ 507 &:= 2^4 + 5^1 + 9^0 + 12^0 + 22^2 = 24 + 51 + 90 + 120 + 222 \\ 507 &:= 2^5 + 2^6 + 3^3 + 19^2 + 23^1 = 25 + 26 + 33 + 192 + 231 \\ 507 &:= 2^5 + 2^6 + 4^3 + 18^2 + 23^1 = 25 + 26 + 43 + 182 + 231 \\ 507 &:= 2^5 + 2^6 + 6^3 + 13^2 + 26^1 = 25 + 26 + 63 + 132 + 261 \\ 507 &:= 2^5 + 2^7 + 6^2 + 17^2 + 22^1 = 25 + 27 + 62 + 172 + 221 \\ 507 &:= 2^5 + 2^8 + 7^2 + 13^2 + 25^0 = 25 + 28 + 72 + 132 + 250 \\ 507 &:= 2^6 + 2^7 + 5^2 + 17^2 + 23^0 = 26 + 27 + 52 + 172 + 230 \end{aligned}$$

$$\begin{aligned} 507 &:= 2^6 + 2^8 + 13^2 + 15^0 + 17^1 = 26 + 28 + 132 + 150 + 171 \\ 507 &:= 2^6 + 3^4 + 3^4 + 16^2 + 25^1 = 26 + 34 + 34 + 162 + 251 \\ 507 &:= 2^7 + 2^7 + 5^0 + 15^2 + 25^1 = 27 + 27 + 50 + 152 + 251 \\ 507 &:= 2^7 + 2^8 + 10^0 + 11^2 + 24^0 = 27 + 28 + 100 + 112 + 240 \\ 507 &:= 2^7 + 2^8 + 11^0 + 11^2 + 23^0 = 27 + 28 + 110 + 112 + 230 \\ 507 &:= 2^7 + 2^8 + 11^2 + 12^0 + 22^0 = 27 + 28 + 112 + 120 + 220 \\ 507 &:= 2^7 + 2^8 + 11^2 + 13^0 + 21^0 = 27 + 28 + 112 + 130 + 210 \\ 507 &:= 2^7 + 2^8 + 11^2 + 14^0 + 20^0 = 27 + 28 + 112 + 140 + 200 \\ 507 &:= 2^7 + 2^8 + 11^2 + 15^0 + 19^0 = 27 + 28 + 112 + 150 + 190 \\ 507 &:= 2^7 + 2^8 + 11^2 + 16^0 + 18^0 = 27 + 28 + 112 + 160 + 180 \\ 507 &:= 2^7 + 2^8 + 11^2 + 17^0 + 17^0 = 27 + 28 + 112 + 170 + 170 \\ 507 &:= 2^7 + 2^8 + 7^0 + 11^2 + 27^0 = 27 + 28 + 70 + 112 + 270 \\ 507 &:= 2^7 + 2^8 + 8^0 + 11^2 + 26^0 = 27 + 28 + 80 + 112 + 260 \\ 507 &:= 2^7 + 2^8 + 9^0 + 11^2 + 25^0 = 27 + 28 + 90 + 112 + 250 \\ 507 &:= 3^0 + 4^0 + 4^4 + 15^2 + 24^1 = 30 + 40 + 44 + 152 + 241 \\ 507 &:= 3^0 + 6^3 + 8^2 + 15^2 + 18^0 = 30 + 63 + 82 + 152 + 180 \\ 507 &:= 3^0 + 7^3 + 9^2 + 9^2 + 22^0 = 30 + 73 + 92 + 92 + 220 \\ 507 &:= 3^1 + 5^3 + 6^0 + 17^1 + 19^2 = 31 + 53 + 60 + 171 + 192 \\ 507 &:= 3^1 + 7^3 + 12^0 + 12^2 + 16^1 = 31 + 73 + 120 + 122 + 161 \\ 507 &:= 3^2 + 3^2 + 4^1 + 18^0 + 22^2 = 32 + 32 + 41 + 180 + 222 \\ 507 &:= 3^2 + 4^0 + 12^1 + 14^2 + 17^2 = 32 + 40 + 121 + 142 + 172 \\ 507 &:= 3^2 + 4^1 + 12^0 + 13^2 + 18^2 = 32 + 41 + 120 + 132 + 182 \\ 507 &:= 3^2 + 7^1 + 7^2 + 12^0 + 21^2 = 32 + 71 + 72 + 120 + 212 \\ 507 &:= 4^0 + 5^2 + 5^2 + 15^1 + 21^2 = 40 + 52 + 52 + 151 + 212 \\ 507 &:= 4^0 + 6^3 + 8^2 + 15^2 + 17^0 = 40 + 63 + 82 + 152 + 170 \\ 507 &:= 4^0 + 7^3 + 9^2 + 9^2 + 21^0 = 40 + 73 + 92 + 92 + 210 \\ 507 &:= 4^0 + 8^1 + 11^2 + 11^2 + 16^2 = 40 + 81 + 112 + 112 + 162 \\ 507 &:= 4^0 + 8^2 + 9^1 + 12^2 + 17^2 = 40 + 82 + 91 + 122 + 172 \\ 507 &:= 4^1 + 5^2 + 6^2 + 14^0 + 21^2 = 41 + 52 + 62 + 140 + 212 \\ 507 &:= 4^1 + 5^3 + 6^0 + 16^1 + 19^2 = 41 + 53 + 60 + 161 + 192 \\ 507 &:= 4^1 + 7^3 + 12^0 + 12^2 + 15^1 = 41 + 73 + 120 + 122 + 151 \\ 507 &:= 4^1 + 8^0 + 9^2 + 14^2 + 15^2 = 41 + 80 + 92 + 142 + 152 \\ 507 &:= 4^2 + 5^1 + 10^0 + 14^2 + 17^2 = 42 + 51 + 100 + 142 + 172 \\ 507 &:= 4^2 + 6^0 + 6^2 + 13^1 + 21^2 = 42 + 60 + 62 + 131 + 212 \\ 507 &:= 4^2 + 6^0 + 9^1 + 15^2 + 16^2 = 42 + 60 + 91 + 152 + 162 \\ 507 &:= 4^2 + 8^0 + 8^1 + 11^2 + 19^2 = 42 + 80 + 81 + 112 + 192 \\ 507 &:= 4^2 + 8^0 + 9^1 + 9^2 + 20^2 = 42 + 80 + 91 + 92 + 202 \\ 507 &:= 5^0 + 6^3 + 8^2 + 15^2 + 16^0 = 50 + 63 + 82 + 152 + 160 \end{aligned}$$

$$\begin{aligned}
 507 &:= 5^0 + 7^3 + 9^2 + 9^2 + 20^0 = 50 + 73 + 92 + 92 + 200 \\
 507 &:= 5^1 + 5^3 + 6^0 + 15^1 + 19^2 = 51 + 53 + 60 + 151 + 192 \\
 507 &:= 5^1 + 7^2 + 8^0 + 14^2 + 16^2 = 51 + 72 + 80 + 142 + 162 \\
 507 &:= 5^1 + 7^3 + 12^0 + 12^2 + 14^1 = 51 + 73 + 120 + 122 + 141 \\
 507 &:= 5^3 + 6^0 + 10^1 + 10^1 + 19^2 = 53 + 60 + 101 + 101 + 192 \\
 507 &:= 5^3 + 6^0 + 6^1 + 14^1 + 19^2 = 53 + 60 + 61 + 141 + 192 \\
 507 &:= 5^3 + 6^0 + 7^1 + 13^1 + 19^2 = 53 + 60 + 71 + 131 + 192 \\
 507 &:= 5^3 + 6^0 + 8^1 + 12^1 + 19^2 = 53 + 60 + 81 + 121 + 192 \\
 507 &:= 5^3 + 6^0 + 9^1 + 11^1 + 19^2 = 53 + 60 + 91 + 111 + 192 \\
 507 &:= 6^0 + 6^1 + 10^2 + 12^2 + 16^2 = 60 + 61 + 102 + 122 + 162 \\
 507 &:= 6^0 + 6^2 + 9^1 + 10^2 + 19^2 = 60 + 62 + 91 + 102 + 192 \\
 507 &:= 6^0 + 6^3 + 8^2 + 15^0 + 15^2 = 60 + 63 + 82 + 150 + 152 \\
 507 &:= 6^0 + 7^1 + 7^2 + 15^2 + 15^2 = 60 + 71 + 72 + 152 + 152 \\
 507 &:= 6^0 + 7^3 + 9^2 + 9^2 + 19^0 = 60 + 73 + 92 + 92 + 190 \\
 507 &:= 6^1 + 6^2 + 8^2 + 10^0 + 20^2 = 61 + 62 + 82 + 100 + 202 \\
 507 &:= 6^1 + 7^3 + 12^0 + 12^2 + 13^1 = 61 + 73 + 120 + 122 + 131
 \end{aligned}$$

$$\begin{aligned}
 507 &:= 6^3 + 7^0 + 8^2 + 14^0 + 15^2 = 63 + 70 + 82 + 140 + 152 \\
 507 &:= 6^3 + 8^0 + 8^2 + 13^0 + 15^2 = 63 + 80 + 82 + 130 + 152 \\
 507 &:= 6^3 + 8^2 + 10^0 + 11^0 + 15^2 = 63 + 82 + 100 + 110 + 152 \\
 507 &:= 6^3 + 8^2 + 9^0 + 12^0 + 15^2 = 63 + 82 + 90 + 120 + 152 \\
 507 &:= 7^0 + 7^3 + 9^2 + 9^2 + 18^0 = 70 + 73 + 92 + 92 + 180 \\
 507 &:= 7^1 + 7^3 + 12^0 + 12^1 + 12^2 = 71 + 73 + 120 + 121 + 122 \\
 507 &:= 7^2 + 7^2 + 8^0 + 8^1 + 20^2 = 72 + 72 + 80 + 81 + 202 \\
 507 &:= 7^3 + 8^0 + 9^2 + 9^2 + 17^0 = 73 + 80 + 92 + 92 + 170 \\
 507 &:= 7^3 + 8^1 + 11^1 + 12^0 + 12^2 = 73 + 81 + 111 + 120 + 122 \\
 507 &:= 7^3 + 9^0 + 9^2 + 9^2 + 16^0 = 73 + 90 + 92 + 92 + 160 \\
 507 &:= 7^3 + 9^1 + 10^1 + 12^0 + 12^2 = 73 + 91 + 101 + 120 + 122 \\
 507 &:= 7^3 + 9^2 + 9^2 + 10^0 + 15^0 = 73 + 92 + 92 + 100 + 150 \\
 507 &:= 7^3 + 9^2 + 9^2 + 11^0 + 14^0 = 73 + 92 + 92 + 110 + 140 \\
 507 &:= 7^3 + 9^2 + 9^2 + 12^0 + 13^0 = 73 + 92 + 92 + 120 + 130
 \end{aligned}$$

2.2.409 Number 508

$$\begin{aligned}
 508 &:= 1^1 + 3^4 + 20^2 + 26^1 = 11 + 34 + 202 + 261 \\
 508 &:= 1^5 + 5^0 + 22^1 + 22^2 = 15 + 50 + 221 + 222 \\
 508 &:= 2^1 + 3^4 + 20^2 + 25^1 = 21 + 34 + 202 + 251 \\
 508 &:= 2^3 + 11^2 + 18^1 + 19^2 = 23 + 112 + 181 + 192 \\
 508 &:= 2^3 + 9^2 + 19^1 + 20^2 = 23 + 92 + 191 + 202 \\
 508 &:= 3^1 + 3^4 + 20^2 + 24^1 = 31 + 34 + 202 + 241 \\
 508 &:= 3^4 + 10^1 + 17^1 + 20^2 = 34 + 101 + 171 + 202 \\
 508 &:= 3^4 + 11^1 + 16^1 + 20^2 = 34 + 111 + 161 + 202 \\
 508 &:= 3^4 + 12^1 + 15^1 + 20^2 = 34 + 121 + 151 + 202 \\
 508 &:= 3^4 + 13^1 + 14^1 + 20^2 = 34 + 131 + 141 + 202 \\
 508 &:= 3^4 + 4^1 + 20^2 + 23^1 = 34 + 41 + 202 + 231 \\
 508 &:= 3^4 + 5^1 + 20^2 + 22^1 = 34 + 51 + 202 + 221 \\
 508 &:= 3^4 + 6^1 + 20^2 + 21^1 = 34 + 61 + 202 + 211 \\
 508 &:= 3^4 + 7^1 + 20^1 + 20^2 = 34 + 71 + 201 + 202 \\
 508 &:= 3^4 + 8^1 + 19^1 + 20^2 = 34 + 81 + 191 + 202 \\
 508 &:= 3^4 + 9^1 + 18^1 + 20^2 = 34 + 91 + 181 + 202 \\
 508 &:= 3^5 + 8^1 + 16^2 + 23^0 = 35 + 81 + 162 + 230 \\
 508 &:= 4^2 + 7^3 + 11^2 + 28^1 = 42 + 73 + 112 + 281 \\
 508 &:= 4^3 + 7^3 + 10^2 + 29^0 = 43 + 73 + 102 + 290 \\
 508 &:= 4^3 + 8^2 + 19^1 + 19^2 = 43 + 82 + 191 + 192
 \end{aligned}$$

$$\begin{aligned}
 508 &:= 4^4 + 5^0 + 6^3 + 35^1 = 44 + 50 + 63 + 351 \\
 508 &:= 5^3 + 13^2 + 14^2 + 18^1 = 53 + 132 + 142 + 181 \\
 508 &:= 1^0 + 1^0 + 2^6 + 21^2 + 25^0 = 10 + 10 + 26 + 212 + 250 \\
 508 &:= 1^0 + 1^1 + 3^4 + 20^2 + 25^1 = 10 + 11 + 34 + 202 + 251 \\
 508 &:= 1^0 + 1^3 + 4^3 + 21^2 + 23^0 = 10 + 13 + 43 + 212 + 230 \\
 508 &:= 1^0 + 1^3 + 6^3 + 17^2 + 25^0 = 10 + 13 + 63 + 172 + 250 \\
 508 &:= 1^0 + 1^4 + 12^2 + 17^0 + 19^2 = 10 + 14 + 122 + 170 + 192 \\
 508 &:= 1^0 + 1^4 + 8^2 + 19^0 + 21^2 = 10 + 14 + 82 + 190 + 212 \\
 508 &:= 1^0 + 1^5 + 5^0 + 21^1 + 22^2 = 10 + 15 + 50 + 211 + 222 \\
 508 &:= 1^0 + 2^0 + 2^6 + 21^2 + 24^0 = 10 + 20 + 26 + 212 + 240 \\
 508 &:= 1^0 + 2^1 + 3^4 + 20^2 + 24^1 = 10 + 21 + 34 + 202 + 241 \\
 508 &:= 1^0 + 2^3 + 11^2 + 17^1 + 19^2 = 10 + 23 + 112 + 171 + 192 \\
 508 &:= 1^0 + 2^3 + 9^2 + 18^1 + 20^2 = 10 + 23 + 92 + 181 + 202 \\
 508 &:= 1^0 + 2^4 + 7^2 + 19^0 + 21^2 = 10 + 24 + 72 + 190 + 212 \\
 508 &:= 1^0 + 2^6 + 10^0 + 16^0 + 21^2 = 10 + 26 + 100 + 160 + 212 \\
 508 &:= 1^0 + 2^6 + 11^0 + 15^0 + 21^2 = 10 + 26 + 110 + 150 + 212 \\
 508 &:= 1^0 + 2^6 + 12^0 + 14^0 + 21^2 = 10 + 26 + 120 + 140 + 212 \\
 508 &:= 1^0 + 2^6 + 13^0 + 13^0 + 21^2 = 10 + 26 + 130 + 130 + 212 \\
 508 &:= 1^0 + 2^6 + 3^0 + 21^2 + 23^0 = 10 + 26 + 30 + 212 + 230 \\
 508 &:= 1^0 + 2^6 + 4^0 + 21^2 + 22^0 = 10 + 26 + 40 + 212 + 220
 \end{aligned}$$

$$\begin{aligned}
 508 &:= 1^0 + 2^6 + 5^0 + 21^0 + 21^2 = 10 + 26 + 50 + 210 + 212 & 508 &:= 1^1 + 6^2 + 13^1 + 13^2 + 17^2 = 11 + 62 + 131 + 132 + 172 \\
 508 &:= 1^0 + 2^6 + 6^0 + 20^0 + 21^2 = 10 + 26 + 60 + 200 + 212 & 508 &:= 1^1 + 6^3 + 11^2 + 13^2 + 19^0 = 11 + 63 + 112 + 132 + 190 \\
 508 &:= 1^0 + 2^6 + 7^0 + 19^0 + 21^2 = 10 + 26 + 70 + 190 + 212 & 508 &:= 1^1 + 7^2 + 11^2 + 13^1 + 18^2 = 11 + 72 + 112 + 131 + 182 \\
 508 &:= 1^0 + 2^6 + 8^0 + 18^0 + 21^2 = 10 + 26 + 80 + 180 + 212 & 508 &:= 1^2 + 1^2 + 12^2 + 17^0 + 19^2 = 12 + 12 + 122 + 170 + 192 \\
 508 &:= 1^0 + 2^6 + 9^0 + 17^0 + 21^2 = 10 + 26 + 90 + 170 + 212 & 508 &:= 1^2 + 1^2 + 8^2 + 19^0 + 21^2 = 12 + 12 + 82 + 190 + 212 \\
 508 &:= 1^0 + 3^1 + 3^4 + 20^2 + 23^1 = 10 + 31 + 34 + 202 + 231 & 508 &:= 1^2 + 1^3 + 5^0 + 21^1 + 22^2 = 12 + 13 + 50 + 211 + 222 \\
 508 &:= 1^0 + 3^4 + 10^1 + 16^1 + 20^2 = 10 + 34 + 101 + 161 + 202 & 508 &:= 1^2 + 1^8 + 2^6 + 21^2 + 24^0 = 12 + 18 + 26 + 212 + 240 \\
 508 &:= 1^0 + 3^4 + 11^1 + 15^1 + 20^2 = 10 + 34 + 111 + 151 + 202 & 508 &:= 1^2 + 2^3 + 11^0 + 14^1 + 22^2 = 12 + 23 + 110 + 141 + 222 \\
 508 &:= 1^0 + 3^4 + 12^1 + 14^1 + 20^2 = 10 + 34 + 121 + 141 + 202 & 508 &:= 1^2 + 4^2 + 7^2 + 17^0 + 21^2 = 12 + 42 + 72 + 170 + 212 \\
 508 &:= 1^0 + 3^4 + 13^1 + 13^1 + 20^2 = 10 + 34 + 131 + 131 + 202 & 508 &:= 1^2 + 5^0 + 5^3 + 19^2 + 20^1 = 12 + 50 + 53 + 192 + 201 \\
 508 &:= 1^0 + 3^4 + 13^2 + 16^2 + 17^0 = 10 + 34 + 132 + 162 + 170 & 508 &:= 1^2 + 5^2 + 13^0 + 15^2 + 16^2 = 12 + 52 + 130 + 152 + 162 \\
 508 &:= 1^0 + 3^4 + 4^1 + 20^2 + 22^1 = 10 + 34 + 41 + 202 + 221 & 508 &:= 1^2 + 5^2 + 9^2 + 15^0 + 20^2 = 12 + 52 + 92 + 150 + 202 \\
 508 &:= 1^0 + 3^4 + 5^1 + 20^2 + 21^1 = 10 + 34 + 51 + 202 + 211 & 508 &:= 1^2 + 7^3 + 11^0 + 12^2 + 19^1 = 12 + 73 + 110 + 122 + 191 \\
 508 &:= 1^0 + 3^4 + 5^2 + 20^2 + 21^0 = 10 + 34 + 52 + 202 + 210 & 508 &:= 1^2 + 8^2 + 9^2 + 13^0 + 19^2 = 12 + 82 + 92 + 130 + 192 \\
 508 &:= 1^0 + 3^4 + 6^1 + 20^1 + 20^2 = 10 + 34 + 61 + 201 + 202 & 508 &:= 1^2 + 9^2 + 11^0 + 13^2 + 16^2 = 12 + 92 + 110 + 132 + 162 \\
 508 &:= 1^0 + 3^4 + 7^1 + 19^1 + 20^2 = 10 + 34 + 71 + 191 + 202 & 508 &:= 1^3 + 1^7 + 2^6 + 21^2 + 24^0 = 13 + 17 + 26 + 212 + 240 \\
 508 &:= 1^0 + 3^4 + 8^1 + 18^1 + 20^2 = 10 + 34 + 81 + 181 + 202 & 508 &:= 1^3 + 2^0 + 4^3 + 21^2 + 22^0 = 13 + 20 + 43 + 212 + 220 \\
 508 &:= 1^0 + 3^4 + 8^2 + 19^0 + 19^2 = 10 + 34 + 82 + 190 + 192 & 508 &:= 1^3 + 2^0 + 6^3 + 17^2 + 24^0 = 13 + 20 + 63 + 172 + 240 \\
 508 &:= 1^0 + 3^4 + 9^1 + 17^1 + 20^2 = 10 + 34 + 91 + 171 + 202 & 508 &:= 1^3 + 2^2 + 7^0 + 18^1 + 22^2 = 13 + 22 + 70 + 181 + 222 \\
 508 &:= 1^0 + 3^5 + 7^1 + 16^2 + 23^0 = 10 + 35 + 71 + 162 + 230 & 508 &:= 1^3 + 3^0 + 4^3 + 21^0 + 21^2 = 13 + 30 + 43 + 210 + 212 \\
 508 &:= 1^0 + 4^2 + 7^3 + 11^2 + 27^1 = 10 + 42 + 73 + 112 + 271 & 508 &:= 1^3 + 3^0 + 6^3 + 17^2 + 23^0 = 13 + 30 + 63 + 172 + 230 \\
 508 &:= 1^0 + 4^3 + 8^2 + 18^1 + 19^2 = 10 + 43 + 82 + 181 + 192 & 508 &:= 1^3 + 3^2 + 11^0 + 13^1 + 22^2 = 13 + 32 + 110 + 131 + 222 \\
 508 &:= 1^0 + 4^4 + 5^2 + 15^2 + 25^0 = 10 + 44 + 52 + 152 + 250 & 508 &:= 1^3 + 4^0 + 4^3 + 20^0 + 21^2 = 13 + 40 + 43 + 200 + 212 \\
 508 &:= 1^0 + 4^4 + 9^2 + 13^2 + 23^0 = 10 + 44 + 92 + 132 + 230 & 508 &:= 1^3 + 4^0 + 6^3 + 17^2 + 22^0 = 13 + 40 + 63 + 172 + 220 \\
 508 &:= 1^0 + 5^3 + 13^2 + 14^2 + 17^1 = 10 + 53 + 132 + 142 + 171 & 508 &:= 1^3 + 4^2 + 6^1 + 17^0 + 22^2 = 13 + 42 + 61 + 170 + 222 \\
 508 &:= 1^0 + 5^3 + 5^3 + 16^2 + 23^0 = 10 + 53 + 53 + 162 + 230 & 508 &:= 1^3 + 4^3 + 10^0 + 14^0 + 21^2 = 13 + 43 + 100 + 140 + 212 \\
 508 &:= 1^1 + 1^2 + 4^3 + 21^2 + 23^0 = 11 + 12 + 43 + 212 + 230 & 508 &:= 1^3 + 4^3 + 11^0 + 13^0 + 21^2 = 13 + 43 + 110 + 130 + 212 \\
 508 &:= 1^1 + 1^2 + 6^3 + 17^2 + 25^0 = 11 + 12 + 63 + 172 + 250 & 508 &:= 1^3 + 4^3 + 12^0 + 12^0 + 21^2 = 13 + 43 + 120 + 120 + 212 \\
 508 &:= 1^1 + 1^3 + 12^2 + 17^0 + 19^2 = 11 + 13 + 122 + 170 + 192 & 508 &:= 1^3 + 4^3 + 5^0 + 19^0 + 21^2 = 13 + 43 + 50 + 190 + 212 \\
 508 &:= 1^1 + 1^3 + 8^2 + 19^0 + 21^2 = 11 + 13 + 82 + 190 + 212 & 508 &:= 1^3 + 4^3 + 6^0 + 18^0 + 21^2 = 13 + 43 + 60 + 180 + 212 \\
 508 &:= 1^1 + 1^4 + 5^0 + 21^1 + 22^2 = 11 + 14 + 50 + 211 + 222 & 508 &:= 1^3 + 4^3 + 7^0 + 17^0 + 21^2 = 13 + 43 + 70 + 170 + 212 \\
 508 &:= 1^1 + 1^9 + 2^6 + 21^2 + 24^0 = 11 + 19 + 26 + 212 + 240 & 508 &:= 1^3 + 4^3 + 8^0 + 16^0 + 21^2 = 13 + 43 + 80 + 160 + 212 \\
 508 &:= 1^1 + 2^4 + 6^1 + 19^0 + 22^2 = 11 + 24 + 61 + 190 + 222 & 508 &:= 1^3 + 4^3 + 9^0 + 15^0 + 21^2 = 13 + 43 + 90 + 150 + 212 \\
 508 &:= 1^1 + 3^2 + 11^2 + 16^1 + 19^2 = 11 + 32 + 112 + 161 + 192 & 508 &:= 1^3 + 5^0 + 13^1 + 13^2 + 18^2 = 13 + 50 + 131 + 132 + 182 \\
 508 &:= 1^1 + 3^2 + 9^2 + 17^1 + 20^2 = 11 + 32 + 92 + 171 + 202 & 508 &:= 1^3 + 5^0 + 6^3 + 17^2 + 21^0 = 13 + 50 + 63 + 172 + 210 \\
 508 &:= 1^1 + 4^3 + 9^2 + 17^0 + 19^2 = 11 + 43 + 92 + 170 + 192 & 508 &:= 1^3 + 5^0 + 7^2 + 16^1 + 21^2 = 13 + 50 + 72 + 161 + 212 \\
 508 &:= 1^1 + 4^4 + 5^0 + 15^2 + 25^1 = 11 + 44 + 50 + 152 + 251 & 508 &:= 1^3 + 6^0 + 6^3 + 17^2 + 20^0 = 13 + 60 + 63 + 172 + 200 \\
 508 &:= 1^1 + 5^2 + 12^2 + 14^1 + 18^2 = 11 + 52 + 122 + 141 + 182 & 508 &:= 1^3 + 6^1 + 10^2 + 13^0 + 20^2 = 13 + 61 + 102 + 130 + 202
 \end{aligned}$$

$$\begin{aligned}
 508 &:= 1^3 + 6^3 + 10^0 + 16^0 + 17^2 = 13 + 63 + 100 + 160 + 172 & 508 &:= 1^5 + 1^8 + 4^3 + 21^2 + 22^0 = 15 + 18 + 43 + 212 + 220 \\
 508 &:= 1^3 + 6^3 + 11^0 + 15^0 + 17^2 = 13 + 63 + 110 + 150 + 172 & 508 &:= 1^5 + 1^8 + 6^3 + 17^2 + 24^0 = 15 + 18 + 63 + 172 + 240 \\
 508 &:= 1^3 + 6^3 + 12^0 + 14^0 + 17^2 = 13 + 63 + 120 + 140 + 172 & 508 &:= 1^5 + 1^9 + 12^2 + 16^0 + 19^2 = 15 + 19 + 122 + 160 + 192 \\
 508 &:= 1^3 + 6^3 + 13^0 + 13^0 + 17^2 = 13 + 63 + 130 + 130 + 172 & 508 &:= 1^5 + 1^9 + 8^2 + 18^0 + 21^2 = 15 + 19 + 82 + 180 + 212 \\
 508 &:= 1^3 + 6^3 + 7^0 + 17^2 + 19^0 = 13 + 63 + 70 + 172 + 190 & 508 &:= 1^5 + 2^0 + 4^0 + 21^1 + 22^2 = 15 + 20 + 40 + 211 + 222 \\
 508 &:= 1^3 + 6^3 + 8^0 + 17^2 + 18^0 = 13 + 63 + 80 + 172 + 180 & 508 &:= 1^5 + 3^0 + 3^0 + 21^1 + 22^2 = 15 + 30 + 30 + 211 + 222 \\
 508 &:= 1^3 + 6^3 + 9^0 + 17^0 + 17^2 = 13 + 63 + 90 + 170 + 172 & 508 &:= 1^6 + 1^7 + 4^3 + 21^2 + 22^0 = 16 + 17 + 43 + 212 + 220 \\
 508 &:= 1^4 + 1^6 + 2^6 + 21^2 + 24^0 = 14 + 16 + 26 + 212 + 240 & 508 &:= 1^6 + 1^7 + 6^3 + 17^2 + 24^0 = 16 + 17 + 63 + 172 + 240 \\
 508 &:= 1^4 + 1^9 + 4^3 + 21^2 + 22^0 = 14 + 19 + 43 + 212 + 220 & 508 &:= 1^6 + 1^8 + 12^2 + 16^0 + 19^2 = 16 + 18 + 122 + 160 + 192 \\
 508 &:= 1^4 + 1^9 + 6^3 + 17^2 + 24^0 = 14 + 19 + 63 + 172 + 240 & 508 &:= 1^6 + 1^8 + 8^2 + 18^0 + 21^2 = 16 + 18 + 82 + 180 + 212 \\
 508 &:= 1^4 + 2^0 + 12^2 + 16^0 + 19^2 = 14 + 20 + 122 + 160 + 192 & 508 &:= 1^6 + 1^9 + 4^0 + 21^1 + 22^2 = 16 + 19 + 40 + 211 + 222 \\
 508 &:= 1^4 + 2^0 + 8^2 + 18^0 + 21^2 = 14 + 20 + 82 + 180 + 212 & 508 &:= 1^6 + 2^6 + 3^4 + 19^2 + 24^0 = 16 + 26 + 34 + 192 + 240 \\
 508 &:= 1^4 + 2^1 + 5^0 + 20^1 + 22^2 = 14 + 21 + 50 + 201 + 222 & 508 &:= 1^6 + 2^8 + 5^2 + 15^2 + 26^0 = 16 + 28 + 52 + 152 + 260 \\
 508 &:= 1^4 + 3^0 + 12^2 + 15^0 + 19^2 = 14 + 30 + 122 + 150 + 192 & 508 &:= 1^6 + 2^8 + 9^2 + 13^2 + 24^0 = 16 + 28 + 92 + 132 + 240 \\
 508 &:= 1^4 + 3^0 + 8^2 + 17^0 + 21^2 = 14 + 30 + 82 + 170 + 212 & 508 &:= 1^7 + 1^7 + 12^2 + 16^0 + 19^2 = 17 + 17 + 122 + 160 + 192 \\
 508 &:= 1^4 + 3^1 + 5^0 + 19^1 + 22^2 = 14 + 31 + 50 + 191 + 222 & 508 &:= 1^7 + 1^7 + 8^2 + 18^0 + 21^2 = 17 + 17 + 82 + 180 + 212 \\
 508 &:= 1^4 + 4^0 + 12^2 + 14^0 + 19^2 = 14 + 40 + 122 + 140 + 192 & 508 &:= 1^7 + 1^8 + 4^0 + 21^1 + 22^2 = 17 + 18 + 40 + 211 + 222 \\
 508 &:= 1^4 + 4^0 + 8^2 + 16^0 + 21^2 = 14 + 40 + 82 + 160 + 212 & 508 &:= 1^7 + 2^8 + 6^0 + 15^2 + 25^1 = 17 + 28 + 60 + 152 + 251 \\
 508 &:= 1^4 + 4^1 + 5^0 + 18^1 + 22^2 = 14 + 41 + 50 + 181 + 222 & 508 &:= 1^7 + 3^5 + 3^5 + 20^1 + 22^0 = 17 + 35 + 35 + 201 + 220 \\
 508 &:= 1^4 + 5^0 + 10^1 + 12^1 + 22^2 = 14 + 50 + 101 + 121 + 222 & 508 &:= 1^8 + 2^6 + 9^2 + 18^0 + 19^2 = 18 + 26 + 92 + 180 + 192 \\
 508 &:= 1^4 + 5^0 + 11^1 + 11^1 + 22^2 = 14 + 50 + 111 + 111 + 222 & 508 &:= 1^8 + 2^7 + 10^0 + 17^1 + 19^2 = 18 + 27 + 100 + 171 + 192 \\
 508 &:= 1^4 + 5^0 + 12^2 + 13^0 + 19^2 = 14 + 50 + 122 + 130 + 192 & 508 &:= 1^9 + 3^4 + 4^3 + 19^2 + 22^0 = 19 + 34 + 43 + 192 + 220 \\
 508 &:= 1^4 + 5^0 + 5^1 + 17^1 + 22^2 = 14 + 50 + 51 + 171 + 222 & 508 &:= 2^0 + 2^0 + 2^6 + 21^2 + 23^0 = 20 + 20 + 26 + 212 + 230 \\
 508 &:= 1^4 + 5^0 + 6^1 + 16^1 + 22^2 = 14 + 50 + 61 + 161 + 222 & 508 &:= 2^0 + 2^4 + 7^2 + 18^0 + 21^2 = 20 + 24 + 72 + 180 + 212 \\
 508 &:= 1^4 + 5^0 + 7^1 + 15^1 + 22^2 = 14 + 50 + 71 + 151 + 222 & 508 &:= 2^0 + 2^6 + 10^0 + 15^0 + 21^2 = 20 + 26 + 100 + 150 + 212 \\
 508 &:= 1^4 + 5^0 + 8^1 + 14^1 + 22^2 = 14 + 50 + 81 + 141 + 222 & 508 &:= 2^0 + 2^6 + 11^0 + 14^0 + 21^2 = 20 + 26 + 110 + 140 + 212 \\
 508 &:= 1^4 + 5^0 + 8^2 + 15^0 + 21^2 = 14 + 50 + 82 + 150 + 212 & 508 &:= 2^0 + 2^6 + 12^0 + 13^0 + 21^2 = 20 + 26 + 120 + 130 + 212 \\
 508 &:= 1^4 + 5^0 + 9^1 + 13^1 + 22^2 = 14 + 50 + 91 + 131 + 222 & 508 &:= 2^0 + 2^6 + 3^0 + 21^2 + 22^0 = 20 + 26 + 30 + 212 + 220 \\
 508 &:= 1^4 + 6^0 + 12^0 + 12^2 + 19^2 = 14 + 60 + 120 + 122 + 192 & 508 &:= 2^0 + 2^6 + 4^0 + 21^0 + 21^2 = 20 + 26 + 40 + 210 + 212 \\
 508 &:= 1^4 + 6^0 + 8^2 + 14^0 + 21^2 = 14 + 60 + 82 + 140 + 212 & 508 &:= 2^0 + 2^6 + 5^0 + 20^0 + 21^2 = 20 + 26 + 50 + 200 + 212 \\
 508 &:= 1^4 + 7^0 + 11^0 + 12^2 + 19^2 = 14 + 70 + 110 + 122 + 192 & 508 &:= 2^0 + 2^6 + 6^0 + 19^0 + 21^2 = 20 + 26 + 60 + 190 + 212 \\
 508 &:= 1^4 + 7^0 + 8^2 + 13^0 + 21^2 = 14 + 70 + 82 + 130 + 212 & 508 &:= 2^0 + 2^6 + 7^0 + 18^0 + 21^2 = 20 + 26 + 70 + 180 + 212 \\
 508 &:= 1^4 + 8^0 + 10^0 + 12^2 + 19^2 = 14 + 80 + 100 + 122 + 192 & 508 &:= 2^0 + 2^6 + 8^0 + 17^0 + 21^2 = 20 + 26 + 80 + 170 + 212 \\
 508 &:= 1^4 + 8^0 + 8^2 + 12^0 + 21^2 = 14 + 80 + 82 + 120 + 212 & 508 &:= 2^0 + 2^6 + 9^0 + 16^0 + 21^2 = 20 + 26 + 90 + 160 + 212 \\
 508 &:= 1^4 + 8^2 + 10^0 + 10^0 + 21^2 = 14 + 82 + 100 + 100 + 212 & 508 &:= 2^0 + 3^4 + 13^2 + 16^0 + 16^2 = 20 + 34 + 132 + 160 + 162 \\
 508 &:= 1^4 + 8^2 + 9^0 + 11^0 + 21^2 = 14 + 82 + 90 + 110 + 212 & 508 &:= 2^0 + 3^4 + 5^2 + 20^0 + 20^2 = 20 + 34 + 52 + 200 + 202 \\
 508 &:= 1^4 + 9^0 + 9^0 + 12^2 + 19^2 = 14 + 90 + 90 + 122 + 192 & 508 &:= 2^0 + 3^4 + 8^2 + 18^0 + 19^2 = 20 + 34 + 82 + 180 + 192 \\
 508 &:= 1^5 + 1^5 + 2^6 + 21^2 + 24^0 = 15 + 15 + 26 + 212 + 240 & 508 &:= 2^0 + 3^5 + 7^1 + 16^2 + 22^0 = 20 + 35 + 71 + 162 + 220
 \end{aligned}$$

$$\begin{aligned} 508 &:= 2^0 + 4^4 + 5^2 + 15^2 + 24^0 = 20 + 44 + 52 + 152 + 240 & 508 &:= 2^6 + 4^0 + 10^0 + 13^0 + 21^2 = 26 + 40 + 100 + 130 + 212 \\ 508 &:= 2^0 + 4^4 + 9^2 + 13^2 + 22^0 = 20 + 44 + 92 + 132 + 220 & 508 &:= 2^6 + 4^0 + 11^0 + 12^0 + 21^2 = 26 + 40 + 110 + 120 + 212 \\ 508 &:= 2^0 + 5^3 + 5^3 + 16^2 + 22^0 = 20 + 53 + 53 + 162 + 220 & 508 &:= 2^6 + 4^0 + 4^0 + 19^0 + 21^2 = 26 + 40 + 40 + 190 + 212 \\ 508 &:= 2^1 + 2^4 + 5^1 + 19^0 + 22^2 = 21 + 24 + 51 + 190 + 222 & 508 &:= 2^6 + 4^0 + 5^0 + 18^0 + 21^2 = 26 + 40 + 50 + 180 + 212 \\ 508 &:= 2^1 + 3^2 + 11^2 + 15^1 + 19^2 = 21 + 32 + 112 + 151 + 192 & 508 &:= 2^6 + 4^0 + 6^0 + 17^0 + 21^2 = 26 + 40 + 60 + 170 + 212 \\ 508 &:= 2^1 + 3^2 + 9^2 + 16^1 + 20^2 = 21 + 32 + 92 + 161 + 202 & 508 &:= 2^6 + 4^0 + 7^0 + 16^0 + 21^2 = 26 + 40 + 70 + 160 + 212 \\ 508 &:= 2^1 + 4^4 + 5^0 + 15^2 + 24^1 = 21 + 44 + 50 + 152 + 241 & 508 &:= 2^6 + 4^0 + 8^0 + 15^0 + 21^2 = 26 + 40 + 80 + 150 + 212 \\ 508 &:= 2^1 + 5^2 + 12^2 + 13^1 + 18^2 = 21 + 52 + 122 + 131 + 182 & 508 &:= 2^6 + 4^0 + 9^0 + 14^0 + 21^2 = 26 + 40 + 90 + 140 + 212 \\ 508 &:= 2^1 + 6^2 + 12^1 + 13^2 + 17^2 = 21 + 62 + 121 + 132 + 172 & 508 &:= 2^6 + 5^0 + 10^0 + 12^0 + 21^2 = 26 + 50 + 100 + 120 + 212 \\ 508 &:= 2^1 + 6^3 + 8^2 + 15^2 + 19^0 = 21 + 63 + 82 + 152 + 190 & 508 &:= 2^6 + 5^0 + 11^0 + 11^0 + 21^2 = 26 + 50 + 110 + 110 + 212 \\ 508 &:= 2^1 + 7^2 + 11^2 + 12^1 + 18^2 = 21 + 72 + 112 + 121 + 182 & 508 &:= 2^6 + 5^0 + 5^0 + 17^0 + 21^2 = 26 + 50 + 50 + 170 + 212 \\ 508 &:= 2^1 + 7^3 + 9^2 + 9^2 + 23^0 = 21 + 73 + 92 + 92 + 230 & 508 &:= 2^6 + 5^0 + 6^0 + 16^0 + 21^2 = 26 + 50 + 60 + 160 + 212 \\ 508 &:= 2^2 + 2^3 + 11^1 + 13^0 + 22^2 = 22 + 23 + 111 + 130 + 222 & 508 &:= 2^6 + 5^0 + 7^0 + 15^0 + 21^2 = 26 + 50 + 70 + 150 + 212 \\ 508 &:= 2^2 + 5^3 + 7^0 + 17^1 + 19^2 = 22 + 53 + 70 + 171 + 192 & 508 &:= 2^6 + 5^0 + 8^0 + 14^0 + 21^2 = 26 + 50 + 80 + 140 + 212 \\ 508 &:= 2^2 + 7^3 + 12^2 + 13^0 + 16^1 = 22 + 73 + 122 + 130 + 161 & 508 &:= 2^6 + 5^0 + 9^0 + 13^0 + 21^2 = 26 + 50 + 90 + 130 + 212 \\ 508 &:= 2^3 + 3^0 + 14^1 + 14^2 + 17^2 = 23 + 30 + 141 + 142 + 172 & 508 &:= 2^6 + 6^0 + 10^0 + 11^0 + 21^2 = 26 + 60 + 100 + 110 + 212 \\ 508 &:= 2^3 + 3^2 + 6^1 + 17^0 + 22^2 = 23 + 32 + 61 + 170 + 222 & 508 &:= 2^6 + 6^0 + 6^0 + 15^0 + 21^2 = 26 + 60 + 60 + 150 + 212 \\ 508 &:= 2^3 + 6^1 + 11^0 + 13^2 + 18^2 = 23 + 61 + 110 + 132 + 182 & 508 &:= 2^6 + 6^0 + 7^0 + 14^0 + 21^2 = 26 + 60 + 70 + 140 + 212 \\ 508 &:= 2^3 + 7^2 + 9^1 + 11^0 + 21^2 = 23 + 72 + 91 + 110 + 212 & 508 &:= 2^6 + 6^0 + 8^0 + 13^0 + 21^2 = 26 + 60 + 80 + 130 + 212 \\ 508 &:= 2^4 + 3^0 + 7^2 + 17^0 + 21^2 = 24 + 30 + 72 + 170 + 212 & 508 &:= 2^6 + 6^0 + 9^0 + 12^0 + 21^2 = 26 + 60 + 90 + 120 + 212 \\ 508 &:= 2^4 + 3^1 + 4^1 + 19^0 + 22^2 = 24 + 31 + 41 + 190 + 222 & 508 &:= 2^6 + 7^0 + 10^0 + 10^0 + 21^2 = 26 + 70 + 100 + 100 + 212 \\ 508 &:= 2^4 + 4^0 + 7^2 + 16^0 + 21^2 = 24 + 40 + 72 + 160 + 212 & 508 &:= 2^6 + 7^0 + 7^0 + 13^0 + 21^2 = 26 + 70 + 70 + 130 + 212 \\ 508 &:= 2^4 + 5^0 + 7^2 + 15^0 + 21^2 = 24 + 50 + 72 + 150 + 212 & 508 &:= 2^6 + 7^0 + 8^0 + 12^0 + 21^2 = 26 + 70 + 80 + 120 + 212 \\ 508 &:= 2^4 + 6^0 + 7^2 + 14^0 + 21^2 = 24 + 60 + 72 + 140 + 212 & 508 &:= 2^6 + 7^0 + 9^0 + 11^0 + 21^2 = 26 + 70 + 90 + 110 + 212 \\ 508 &:= 2^4 + 7^0 + 7^2 + 13^0 + 21^2 = 24 + 70 + 72 + 130 + 212 & 508 &:= 2^6 + 8^0 + 8^0 + 11^0 + 21^2 = 26 + 80 + 80 + 110 + 212 \\ 508 &:= 2^4 + 7^2 + 10^0 + 10^0 + 21^2 = 24 + 72 + 100 + 100 + 212 & 508 &:= 2^6 + 8^0 + 9^0 + 10^0 + 21^2 = 26 + 80 + 90 + 100 + 212 \\ 508 &:= 2^4 + 7^2 + 8^0 + 12^0 + 21^2 = 24 + 72 + 80 + 120 + 212 & 508 &:= 2^6 + 9^0 + 9^0 + 9^0 + 21^2 = 26 + 90 + 90 + 90 + 212 \\ 508 &:= 2^4 + 7^2 + 9^0 + 11^0 + 21^2 = 24 + 72 + 90 + 110 + 212 & 508 &:= 2^7 + 2^8 + 10^2 + 12^0 + 23^1 = 27 + 28 + 102 + 120 + 231 \\ 508 &:= 2^6 + 3^0 + 10^0 + 14^0 + 21^2 = 26 + 30 + 100 + 140 + 212 & 508 &:= 3^0 + 3^3 + 8^2 + 16^1 + 20^2 = 30 + 33 + 82 + 161 + 202 \\ 508 &:= 2^6 + 3^0 + 11^0 + 13^0 + 21^2 = 26 + 30 + 110 + 130 + 212 & 508 &:= 3^0 + 3^4 + 13^2 + 15^0 + 16^2 = 30 + 34 + 132 + 150 + 162 \\ 508 &:= 2^6 + 3^0 + 12^0 + 12^0 + 21^2 = 26 + 30 + 120 + 120 + 212 & 508 &:= 3^0 + 3^4 + 5^2 + 19^0 + 20^2 = 30 + 34 + 52 + 190 + 202 \\ 508 &:= 2^6 + 3^0 + 3^0 + 21^0 + 21^2 = 26 + 30 + 30 + 210 + 212 & 508 &:= 3^0 + 3^4 + 8^2 + 17^0 + 19^2 = 30 + 34 + 82 + 170 + 192 \\ 508 &:= 2^6 + 3^0 + 4^0 + 20^0 + 21^2 = 26 + 30 + 40 + 200 + 212 & 508 &:= 3^0 + 3^5 + 7^1 + 16^2 + 21^0 = 30 + 35 + 71 + 162 + 210 \\ 508 &:= 2^6 + 3^0 + 5^0 + 19^0 + 21^2 = 26 + 30 + 50 + 190 + 212 & 508 &:= 3^0 + 4^3 + 5^2 + 18^1 + 20^2 = 30 + 43 + 52 + 181 + 202 \\ 508 &:= 2^6 + 3^0 + 6^0 + 18^0 + 21^2 = 26 + 30 + 60 + 180 + 212 & 508 &:= 3^0 + 4^4 + 5^2 + 15^2 + 23^0 = 30 + 44 + 52 + 152 + 230 \\ 508 &:= 2^6 + 3^0 + 7^0 + 17^0 + 21^2 = 26 + 30 + 70 + 170 + 212 & 508 &:= 3^0 + 4^4 + 9^2 + 13^2 + 21^0 = 30 + 44 + 92 + 132 + 210 \\ 508 &:= 2^6 + 3^0 + 8^0 + 16^0 + 21^2 = 26 + 30 + 80 + 160 + 212 & 508 &:= 3^0 + 5^3 + 5^3 + 16^2 + 21^0 = 30 + 53 + 53 + 162 + 210 \\ 508 &:= 2^6 + 3^0 + 9^0 + 15^0 + 21^2 = 26 + 30 + 90 + 150 + 212 & 508 &:= 3^1 + 3^2 + 11^2 + 14^1 + 19^2 = 31 + 32 + 112 + 141 + 192 \end{aligned}$$

$$\begin{array}{ll}
 508 := 3^1 + 3^2 + 9^2 + 15^1 + 20^2 & = 31 + 32 + 92 + 151 + 202 \\
 508 := 3^1 + 3^3 + 6^2 + 17^0 + 21^2 & = 31 + 33 + 62 + 170 + 212 \\
 508 := 3^1 + 4^4 + 5^0 + 15^2 + 23^1 & = 31 + 44 + 50 + 152 + 231 \\
 508 := 3^1 + 5^2 + 12^1 + 12^2 + 18^2 & = 31 + 52 + 121 + 122 + 182 \\
 508 := 3^1 + 6^2 + 11^1 + 13^2 + 17^2 & = 31 + 62 + 111 + 132 + 172 \\
 508 := 3^1 + 6^3 + 12^2 + 12^2 + 17^0 & = 31 + 63 + 122 + 122 + 170 \\
 508 := 3^1 + 7^2 + 11^1 + 11^2 + 18^2 & = 31 + 72 + 111 + 112 + 182 \\
 508 := 3^2 + 4^1 + 11^2 + 13^1 + 19^2 & = 32 + 41 + 112 + 131 + 192 \\
 508 := 3^2 + 4^1 + 9^2 + 14^1 + 20^2 & = 32 + 41 + 92 + 141 + 202 \\
 508 := 3^2 + 4^2 + 11^2 + 13^0 + 19^2 & = 32 + 42 + 112 + 130 + 192 \\
 508 := 3^2 + 5^1 + 11^2 + 12^1 + 19^2 & = 32 + 51 + 112 + 121 + 192 \\
 508 := 3^2 + 5^1 + 9^2 + 13^1 + 20^2 & = 32 + 51 + 92 + 131 + 202 \\
 508 := 3^2 + 5^3 + 11^0 + 12^1 + 19^2 & = 32 + 53 + 110 + 121 + 192 \\
 508 := 3^2 + 6^1 + 11^1 + 11^2 + 19^2 & = 32 + 61 + 111 + 112 + 192 \\
 508 := 3^2 + 6^1 + 9^2 + 12^1 + 20^2 & = 32 + 61 + 92 + 121 + 202 \\
 508 := 3^2 + 7^1 + 10^1 + 11^2 + 19^2 & = 32 + 71 + 101 + 112 + 192 \\
 508 := 3^2 + 7^1 + 9^2 + 11^1 + 20^2 & = 32 + 71 + 92 + 111 + 202 \\
 508 := 3^2 + 7^2 + 7^2 + 13^0 + 20^2 & = 32 + 72 + 72 + 130 + 202 \\
 508 := 3^2 + 7^3 + 11^1 + 12^2 + 17^0 & = 32 + 73 + 111 + 122 + 170 \\
 508 := 3^2 + 8^1 + 9^1 + 11^2 + 19^2 & = 32 + 81 + 91 + 112 + 192 \\
 508 := 3^2 + 8^1 + 9^2 + 10^1 + 20^2 & = 32 + 81 + 92 + 101 + 202 \\
 508 := 3^2 + 9^0 + 11^2 + 11^2 + 16^2 & = 32 + 90 + 112 + 112 + 162 \\
 508 := 3^2 + 9^1 + 9^1 + 9^2 + 20^2 & = 32 + 91 + 91 + 92 + 202 \\
 508 := 3^3 + 5^0 + 12^1 + 12^2 + 18^2 & = 33 + 50 + 121 + 122 + 182 \\
 508 := 3^3 + 5^2 + 7^0 + 14^1 + 21^2 & = 33 + 52 + 70 + 141 + 212 \\
 508 := 3^4 + 4^0 + 13^2 + 14^0 + 16^2 & = 34 + 40 + 132 + 140 + 162 \\
 508 := 3^4 + 4^0 + 5^2 + 18^0 + 20^2 & = 34 + 40 + 52 + 180 + 202 \\
 508 := 3^4 + 4^0 + 8^2 + 16^0 + 19^2 & = 34 + 40 + 82 + 160 + 192 \\
 508 := 3^4 + 5^0 + 13^0 + 13^2 + 16^2 & = 34 + 50 + 130 + 132 + 162 \\
 508 := 3^4 + 5^0 + 5^2 + 17^0 + 20^2 & = 34 + 50 + 52 + 170 + 202 \\
 508 := 3^4 + 5^0 + 8^2 + 15^0 + 19^2 & = 34 + 50 + 82 + 150 + 192 \\
 508 := 3^4 + 5^2 + 10^0 + 12^0 + 20^2 & = 34 + 52 + 100 + 120 + 202 \\
 508 := 3^4 + 5^2 + 11^0 + 11^0 + 20^2 & = 34 + 52 + 110 + 110 + 202 \\
 508 := 3^4 + 5^2 + 6^0 + 16^0 + 20^2 & = 34 + 52 + 60 + 160 + 202 \\
 508 := 3^4 + 5^2 + 7^0 + 15^0 + 20^2 & = 34 + 52 + 70 + 150 + 202 \\
 508 := 3^4 + 5^2 + 8^0 + 14^0 + 20^2 & = 34 + 52 + 80 + 140 + 202 \\
 508 := 3^4 + 5^2 + 9^0 + 13^0 + 20^2 & = 34 + 52 + 90 + 130 + 202 \\
 508 := 3^4 + 6^0 + 12^0 + 13^2 + 16^2 & = 34 + 60 + 120 + 132 + 162 \\
 508 := 3^4 + 6^0 + 8^2 + 14^0 + 19^2 & = 34 + 60 + 82 + 140 + 192 \\
 508 := 3^4 + 7^0 + 11^0 + 13^2 + 16^2 & = 34 + 70 + 110 + 132 + 162 \\
 508 := 3^4 + 7^0 + 8^2 + 13^0 + 19^2 & = 34 + 70 + 82 + 130 + 192 \\
 508 := 3^4 + 8^0 + 10^0 + 13^2 + 16^2 & = 34 + 80 + 100 + 132 + 162 \\
 508 := 3^4 + 8^0 + 8^2 + 12^0 + 19^2 & = 34 + 80 + 82 + 120 + 192 \\
 508 := 3^4 + 8^2 + 10^0 + 10^0 + 19^2 & = 34 + 82 + 100 + 100 + 192 \\
 508 := 3^4 + 8^2 + 9^0 + 11^0 + 19^2 & = 34 + 82 + 90 + 110 + 192 \\
 508 := 3^4 + 9^0 + 9^0 + 13^2 + 16^2 & = 34 + 90 + 90 + 132 + 162 \\
 508 := 3^5 + 4^0 + 7^1 + 16^2 + 20^0 & = 35 + 40 + 71 + 162 + 200 \\
 508 := 3^5 + 5^0 + 7^1 + 16^2 + 19^0 & = 35 + 50 + 71 + 162 + 190 \\
 508 := 3^5 + 6^0 + 7^1 + 16^2 + 18^0 & = 35 + 60 + 71 + 162 + 180 \\
 508 := 3^5 + 7^0 + 7^1 + 16^2 + 17^0 & = 35 + 70 + 71 + 162 + 170 \\
 508 := 3^5 + 7^1 + 10^0 + 14^0 + 16^2 & = 35 + 71 + 100 + 140 + 162 \\
 508 := 3^5 + 7^1 + 11^0 + 13^0 + 16^2 & = 35 + 71 + 110 + 130 + 162 \\
 508 := 3^5 + 7^1 + 12^0 + 12^0 + 16^2 & = 35 + 71 + 120 + 120 + 162 \\
 508 := 3^5 + 7^1 + 8^0 + 16^0 + 16^2 & = 35 + 71 + 80 + 160 + 162 \\
 508 := 3^5 + 7^1 + 9^0 + 15^0 + 16^2 & = 35 + 71 + 90 + 150 + 162 \\
 508 := 4^0 + 4^4 + 5^2 + 15^2 + 22^0 & = 40 + 44 + 52 + 152 + 220 \\
 508 := 4^0 + 4^4 + 9^2 + 13^2 + 20^0 & = 40 + 44 + 92 + 132 + 200 \\
 508 := 4^0 + 5^3 + 5^3 + 16^2 + 20^0 & = 40 + 53 + 53 + 162 + 200 \\
 508 := 4^1 + 4^2 + 7^3 + 12^2 + 23^0 & = 41 + 42 + 73 + 122 + 230 \\
 508 := 4^1 + 4^4 + 5^0 + 15^2 + 22^1 & = 41 + 44 + 50 + 152 + 221 \\
 508 := 4^1 + 5^2 + 11^1 + 12^2 + 18^2 & = 41 + 52 + 111 + 122 + 182 \\
 508 := 4^1 + 6^2 + 10^1 + 13^2 + 17^2 & = 41 + 62 + 101 + 132 + 172 \\
 508 := 4^1 + 7^2 + 10^1 + 11^2 + 18^2 & = 41 + 72 + 101 + 112 + 182 \\
 508 := 4^2 + 5^0 + 6^3 + 16^2 + 19^1 & = 42 + 50 + 63 + 162 + 191 \\
 508 := 4^2 + 5^1 + 5^3 + 17^0 + 19^2 & = 42 + 51 + 53 + 170 + 192 \\
 508 := 4^2 + 5^2 + 5^2 + 15^0 + 21^2 & = 42 + 52 + 52 + 150 + 212 \\
 508 := 4^2 + 7^2 + 9^2 + 11^0 + 19^2 & = 42 + 72 + 92 + 110 + 192 \\
 508 := 4^2 + 9^0 + 9^2 + 11^2 + 17^2 & = 42 + 90 + 92 + 112 + 172 \\
 508 := 4^3 + 6^2 + 7^1 + 13^0 + 20^2 & = 43 + 62 + 71 + 130 + 202 \\
 508 := 4^3 + 7^0 + 10^1 + 12^2 + 17^2 & = 43 + 70 + 101 + 122 + 172 \\
 508 := 4^4 + 5^0 + 10^1 + 15^2 + 16^1 & = 44 + 50 + 101 + 152 + 161 \\
 508 := 4^4 + 5^0 + 11^1 + 15^1 + 15^2 & = 44 + 50 + 111 + 151 + 152 \\
 508 := 4^4 + 5^0 + 12^1 + 14^1 + 15^2 & = 44 + 50 + 121 + 141 + 152 \\
 508 := 4^4 + 5^0 + 13^1 + 13^1 + 15^2 & = 44 + 50 + 131 + 131 + 152 \\
 508 := 4^4 + 5^0 + 5^1 + 15^2 + 21^1 & = 44 + 50 + 51 + 152 + 211 \\
 508 := 4^4 + 5^0 + 5^2 + 15^2 + 21^0 & = 44 + 50 + 52 + 152 + 210
 \end{array}$$

$508 := 4^4 + 5^0 + 6^1 + 15^2 + 20^1$	$= 44 + 50 + 61 + 152 + 201$	$508 := 5^1 + 7^2 + 9^1 + 11^2 + 18^2$	$= 51 + 72 + 91 + 112 + 182$
$508 := 4^4 + 5^0 + 7^1 + 15^2 + 19^1$	$= 44 + 50 + 71 + 152 + 191$	$508 := 5^2 + 6^1 + 9^1 + 12^2 + 18^2$	$= 52 + 61 + 91 + 122 + 182$
$508 := 4^4 + 5^0 + 8^1 + 15^2 + 18^1$	$= 44 + 50 + 81 + 152 + 181$	$508 := 5^2 + 6^3 + 10^1 + 13^0 + 16^2$	$= 52 + 63 + 101 + 130 + 162$
$508 := 4^4 + 5^0 + 9^1 + 15^2 + 17^1$	$= 44 + 50 + 91 + 152 + 171$	$508 := 5^2 + 7^0 + 12^2 + 13^2 + 13^2$	$= 52 + 70 + 122 + 132 + 132$
$508 := 4^4 + 5^0 + 9^2 + 13^2 + 19^0$	$= 44 + 50 + 92 + 132 + 190$	$508 := 5^2 + 7^1 + 8^1 + 12^2 + 18^2$	$= 52 + 71 + 81 + 122 + 182$
$508 := 4^4 + 5^2 + 10^0 + 15^2 + 16^0$	$= 44 + 52 + 100 + 152 + 160$	$508 := 5^2 + 7^2 + 9^0 + 12^2 + 17^2$	$= 52 + 72 + 90 + 122 + 172$
$508 := 4^4 + 5^2 + 11^0 + 15^0 + 15^2$	$= 44 + 52 + 110 + 150 + 152$	$508 := 5^2 + 7^3 + 9^0 + 11^2 + 18^1$	$= 52 + 73 + 90 + 112 + 181$
$508 := 4^4 + 5^2 + 12^0 + 14^0 + 15^2$	$= 44 + 52 + 120 + 140 + 152$	$508 := 5^3 + 5^3 + 10^0 + 14^0 + 16^2$	$= 53 + 53 + 100 + 140 + 162$
$508 := 4^4 + 5^2 + 13^0 + 13^0 + 15^2$	$= 44 + 52 + 130 + 130 + 152$	$508 := 5^3 + 5^3 + 11^0 + 13^0 + 16^2$	$= 53 + 53 + 110 + 130 + 162$
$508 := 4^4 + 5^2 + 6^0 + 15^2 + 20^0$	$= 44 + 52 + 60 + 152 + 200$	$508 := 5^3 + 5^3 + 12^0 + 12^0 + 16^2$	$= 53 + 53 + 120 + 120 + 162$
$508 := 4^4 + 5^2 + 7^0 + 15^2 + 19^0$	$= 44 + 52 + 70 + 152 + 190$	$508 := 5^3 + 5^3 + 6^0 + 16^2 + 18^0$	$= 53 + 53 + 60 + 162 + 180$
$508 := 4^4 + 5^2 + 8^0 + 15^2 + 18^0$	$= 44 + 52 + 80 + 152 + 180$	$508 := 5^3 + 5^3 + 7^0 + 16^2 + 17^0$	$= 53 + 53 + 70 + 162 + 170$
$508 := 4^4 + 5^2 + 9^0 + 15^2 + 17^0$	$= 44 + 52 + 90 + 152 + 170$	$508 := 5^3 + 5^3 + 8^0 + 16^0 + 16^2$	$= 53 + 53 + 80 + 160 + 162$
$508 := 4^4 + 6^0 + 9^2 + 13^2 + 18^0$	$= 44 + 60 + 92 + 132 + 180$	$508 := 5^3 + 5^3 + 9^0 + 15^0 + 16^2$	$= 53 + 53 + 90 + 150 + 162$
$508 := 4^4 + 7^0 + 9^2 + 13^2 + 17^0$	$= 44 + 70 + 92 + 132 + 170$	$508 := 5^3 + 7^0 + 9^2 + 12^1 + 17^2$	$= 53 + 70 + 92 + 121 + 172$
$508 := 4^4 + 8^0 + 9^2 + 13^2 + 16^0$	$= 44 + 80 + 92 + 132 + 160$	$508 := 5^3 + 7^2 + 9^1 + 11^0 + 18^2$	$= 53 + 72 + 91 + 110 + 182$
$508 := 4^4 + 9^0 + 9^2 + 13^2 + 15^0$	$= 44 + 90 + 92 + 132 + 150$	$508 := 6^1 + 6^2 + 8^1 + 13^2 + 17^2$	$= 61 + 62 + 81 + 132 + 172$
$508 := 4^4 + 9^2 + 10^0 + 13^2 + 14^0$	$= 44 + 92 + 100 + 132 + 140$	$508 := 6^1 + 7^2 + 8^1 + 11^2 + 18^2$	$= 61 + 72 + 81 + 112 + 182$
$508 := 4^4 + 9^2 + 11^0 + 13^0 + 13^2$	$= 44 + 92 + 110 + 130 + 132$	$508 := 6^2 + 7^1 + 7^1 + 13^2 + 17^2$	$= 62 + 71 + 71 + 132 + 172$
$508 := 4^4 + 9^2 + 12^0 + 12^0 + 13^2$	$= 44 + 92 + 120 + 120 + 132$	$508 := 6^2 + 7^1 + 7^3 + 11^2 + 19^0$	$= 62 + 71 + 73 + 112 + 190$
$508 := 5^0 + 11^2 + 11^2 + 11^2 + 12^2$	$= 50 + 112 + 112 + 112 + 122$	$508 := 6^3 + 7^0 + 9^2 + 14^1 + 14^2$	$= 63 + 70 + 92 + 141 + 142$
$508 := 5^0 + 5^3 + 12^2 + 13^1 + 15^2$	$= 50 + 53 + 122 + 131 + 152$	$508 := 7^0 + 7^2 + 8^2 + 13^2 + 15^2$	$= 70 + 72 + 82 + 132 + 152$
$508 := 5^0 + 5^3 + 5^3 + 16^2 + 19^0$	$= 50 + 53 + 53 + 162 + 190$	$508 := 7^0 + 7^2 + 9^2 + 11^2 + 16^2$	$= 70 + 72 + 92 + 112 + 162$
$508 := 5^0 + 6^3 + 7^2 + 15^2 + 17^1$	$= 50 + 63 + 72 + 152 + 171$	$508 := 7^0 + 7^3 + 8^2 + 9^2 + 19^1$	$= 70 + 73 + 82 + 92 + 191$
$508 := 5^1 + 5^2 + 10^1 + 12^2 + 18^2$	$= 51 + 52 + 101 + 122 + 182$	$508 := 7^1 + 7^1 + 7^2 + 11^2 + 18^2$	$= 71 + 71 + 72 + 112 + 182$
$508 := 5^1 + 5^3 + 11^2 + 13^0 + 16^2$	$= 51 + 53 + 112 + 130 + 162$	$508 := 7^2 + 7^3 + 10^2 + 11^0 + 15^1$	$= 72 + 73 + 102 + 110 + 151$
$508 := 5^1 + 6^2 + 9^1 + 13^2 + 17^2$	$= 51 + 62 + 91 + 132 + 172$		

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$509 := 1^6 + 4^0 + 22^2 + 23^1$	$= 16 + 40 + 222 + 231$	$509 := 1^0 + 1^6 + 4^0 + 22^1 + 22^2$	$= 10 + 16 + 40 + 221 + 222$
$509 := 2^3 + 2^4 + 22^2 + 24^0$	$= 23 + 24 + 222 + 240$	$509 := 1^0 + 2^1 + 2^6 + 21^2 + 24^0$	$= 10 + 21 + 26 + 212 + 240$
$509 := 2^6 + 3^1 + 21^2 + 24^0$	$= 26 + 31 + 212 + 240$	$509 := 1^1 + 1^5 + 4^0 + 22^1 + 22^2$	$= 11 + 15 + 40 + 221 + 222$
$509 := 3^2 + 3^5 + 16^2 + 28^0$	$= 32 + 35 + 162 + 280$	$509 := 1^1 + 3^5 + 8^1 + 16^2 + 22^0$	$= 11 + 35 + 81 + 162 + 220$
$509 := 3^3 + 3^4 + 20^2 + 24^0$	$= 33 + 34 + 202 + 240$	$509 := 1^2 + 1^4 + 4^0 + 22^1 + 22^2$	$= 12 + 14 + 40 + 221 + 222$
$509 := 3^3 + 4^4 + 15^2 + 28^0$	$= 33 + 44 + 152 + 280$	$509 := 1^2 + 2^4 + 7^1 + 18^0 + 22^2$	$= 12 + 24 + 71 + 180 + 222$
$509 := 3^5 + 11^2 + 12^2 + 24^0$	$= 35 + 112 + 122 + 240$	$509 := 1^2 + 4^0 + 4^4 + 15^2 + 26^1$	$= 12 + 40 + 44 + 152 + 261$
$509 := 4^4 + 6^2 + 6^3 + 34^0$	$= 44 + 62 + 63 + 340$	$509 := 1^2 + 7^3 + 8^2 + 10^2 + 24^0$	$= 12 + 73 + 82 + 102 + 240$

$$\begin{aligned}
 509 &:= 1^3 + 1^3 + 4^0 + 22^1 + 22^2 = 13 + 13 + 40 + 221 + 222 & 509 &:= 2^0 + 2^2 + 3^4 + 20^2 + 23^1 = 20 + 22 + 34 + 202 + 231 \\
 509 &:= 1^3 + 10^0 + 13^2 + 13^2 + 13^2 = 13 + 100 + 132 + 132 + 132 & 509 &:= 2^0 + 3^4 + 11^2 + 17^1 + 17^2 = 20 + 34 + 112 + 171 + 172 \\
 509 &:= 1^3 + 2^1 + 4^3 + 21^2 + 22^0 = 13 + 21 + 43 + 212 + 220 & 509 &:= 2^1 + 2^4 + 7^2 + 18^0 + 21^2 = 21 + 24 + 72 + 180 + 212 \\
 509 &:= 1^3 + 2^1 + 6^3 + 17^2 + 24^0 = 13 + 21 + 63 + 172 + 240 & 509 &:= 2^1 + 2^6 + 10^0 + 15^0 + 21^2 = 21 + 26 + 100 + 150 + 212 \\
 509 &:= 1^3 + 2^3 + 10^0 + 15^1 + 22^2 = 13 + 23 + 100 + 151 + 222 & 509 &:= 2^1 + 2^6 + 11^0 + 14^0 + 21^2 = 21 + 26 + 110 + 140 + 212 \\
 509 &:= 1^3 + 2^6 + 2^7 + 17^2 + 27^1 = 13 + 26 + 27 + 172 + 271 & 509 &:= 2^1 + 2^6 + 12^0 + 13^0 + 21^2 = 21 + 26 + 120 + 130 + 212 \\
 509 &:= 1^3 + 4^0 + 5^3 + 19^2 + 21^1 = 13 + 40 + 53 + 192 + 211 & 509 &:= 2^1 + 2^6 + 3^0 + 21^2 + 22^0 = 21 + 26 + 30 + 212 + 220 \\
 509 &:= 1^3 + 5^2 + 11^2 + 14^0 + 19^2 = 13 + 52 + 112 + 140 + 192 & 509 &:= 2^1 + 2^6 + 4^0 + 21^0 + 21^2 = 21 + 26 + 40 + 210 + 212 \\
 509 &:= 1^3 + 7^2 + 12^0 + 13^2 + 17^2 = 13 + 72 + 120 + 132 + 172 & 509 &:= 2^1 + 2^6 + 5^0 + 20^0 + 21^2 = 21 + 26 + 50 + 200 + 212 \\
 509 &:= 1^3 + 7^3 + 10^0 + 12^2 + 20^1 = 13 + 73 + 100 + 122 + 201 & 509 &:= 2^1 + 2^6 + 6^0 + 19^0 + 21^2 = 21 + 26 + 60 + 190 + 212 \\
 509 &:= 1^4 + 2^1 + 12^2 + 16^0 + 19^2 = 14 + 21 + 122 + 160 + 192 & 509 &:= 2^1 + 2^6 + 7^0 + 18^0 + 21^2 = 21 + 26 + 70 + 180 + 212 \\
 509 &:= 1^4 + 2^1 + 8^2 + 18^0 + 21^2 = 14 + 21 + 82 + 180 + 212 & 509 &:= 2^1 + 2^6 + 8^0 + 17^0 + 21^2 = 21 + 26 + 80 + 170 + 212 \\
 509 &:= 1^4 + 2^2 + 6^0 + 19^1 + 22^2 = 14 + 22 + 60 + 191 + 222 & 509 &:= 2^1 + 2^6 + 9^0 + 16^0 + 21^2 = 21 + 26 + 90 + 160 + 212 \\
 509 &:= 1^4 + 3^2 + 10^0 + 14^1 + 22^2 = 14 + 32 + 100 + 141 + 222 & 509 &:= 2^1 + 3^4 + 13^2 + 16^0 + 16^2 = 21 + 34 + 132 + 160 + 162 \\
 509 &:= 1^4 + 4^0 + 13^2 + 14^1 + 18^2 = 14 + 40 + 132 + 141 + 182 & 509 &:= 2^1 + 3^4 + 5^2 + 20^0 + 20^2 = 21 + 34 + 52 + 200 + 202 \\
 509 &:= 1^4 + 4^0 + 7^2 + 17^1 + 21^2 = 14 + 40 + 72 + 171 + 212 & 509 &:= 2^1 + 3^4 + 8^2 + 18^0 + 19^2 = 21 + 34 + 82 + 180 + 192 \\
 509 &:= 1^4 + 4^2 + 7^1 + 16^0 + 22^2 = 14 + 42 + 71 + 160 + 222 & 509 &:= 2^1 + 3^5 + 7^1 + 16^2 + 22^0 = 21 + 35 + 71 + 162 + 220 \\
 509 &:= 1^4 + 7^1 + 10^2 + 12^0 + 20^2 = 14 + 71 + 102 + 120 + 202 & 509 &:= 2^1 + 4^4 + 5^2 + 15^2 + 24^0 = 21 + 44 + 52 + 152 + 240 \\
 509 &:= 1^5 + 2^1 + 4^0 + 21^1 + 22^2 = 15 + 21 + 40 + 211 + 222 & 509 &:= 2^1 + 4^4 + 9^2 + 13^2 + 22^0 = 21 + 44 + 92 + 132 + 220 \\
 509 &:= 1^5 + 3^1 + 4^0 + 20^1 + 22^2 = 15 + 31 + 40 + 201 + 222 & 509 &:= 2^1 + 5^3 + 5^3 + 16^2 + 22^0 = 21 + 53 + 53 + 162 + 220 \\
 509 &:= 1^5 + 4^0 + 10^1 + 13^1 + 22^2 = 15 + 40 + 101 + 131 + 222 & 509 &:= 2^2 + 2^4 + 4^1 + 20^0 + 22^2 = 22 + 24 + 41 + 200 + 222 \\
 509 &:= 1^5 + 4^0 + 11^1 + 12^1 + 22^2 = 15 + 40 + 111 + 121 + 222 & 509 &:= 2^2 + 3^3 + 6^2 + 18^0 + 21^2 = 22 + 33 + 62 + 180 + 212 \\
 509 &:= 1^5 + 4^0 + 4^1 + 19^1 + 22^2 = 15 + 40 + 41 + 191 + 222 & 509 &:= 2^2 + 4^4 + 6^0 + 15^2 + 23^1 = 22 + 44 + 60 + 152 + 231 \\
 509 &:= 1^5 + 4^0 + 5^1 + 18^1 + 22^2 = 15 + 40 + 51 + 181 + 222 & 509 &:= 2^2 + 6^3 + 12^2 + 12^2 + 18^0 = 22 + 63 + 122 + 122 + 180 \\
 509 &:= 1^5 + 4^0 + 6^1 + 17^1 + 22^2 = 15 + 40 + 61 + 171 + 222 & 509 &:= 2^3 + 10^0 + 10^2 + 12^2 + 16^2 = 23 + 100 + 102 + 122 + 162 \\
 509 &:= 1^5 + 4^0 + 7^1 + 16^1 + 22^2 = 15 + 40 + 71 + 161 + 222 & 509 &:= 2^3 + 2^3 + 8^1 + 16^0 + 22^2 = 23 + 23 + 81 + 160 + 222 \\
 509 &:= 1^5 + 4^0 + 8^1 + 15^1 + 22^2 = 15 + 40 + 81 + 151 + 222 & 509 &:= 2^3 + 5^3 + 10^0 + 14^1 + 19^2 = 23 + 53 + 100 + 141 + 192 \\
 509 &:= 1^5 + 4^0 + 9^1 + 14^1 + 22^2 = 15 + 40 + 91 + 141 + 222 & 509 &:= 2^3 + 6^2 + 8^2 + 14^0 + 20^2 = 23 + 62 + 82 + 140 + 202 \\
 509 &:= 1^6 + 2^0 + 3^0 + 22^1 + 22^2 = 16 + 20 + 30 + 221 + 222 & 509 &:= 2^3 + 7^3 + 12^2 + 13^1 + 16^0 = 23 + 73 + 122 + 131 + 160 \\
 509 &:= 1^7 + 1^9 + 3^0 + 22^1 + 22^2 = 17 + 19 + 30 + 221 + 222 & 509 &:= 2^4 + 6^0 + 11^1 + 15^2 + 16^2 = 24 + 60 + 111 + 152 + 162 \\
 509 &:= 1^8 + 1^8 + 3^0 + 22^1 + 22^2 = 18 + 18 + 30 + 221 + 222 & 509 &:= 2^4 + 6^0 + 6^2 + 15^1 + 21^2 = 24 + 60 + 62 + 151 + 212 \\
 509 &:= 1^8 + 2^6 + 8^2 + 19^1 + 19^2 = 18 + 26 + 82 + 191 + 192 & 509 &:= 2^4 + 7^1 + 10^0 + 14^2 + 17^2 = 24 + 71 + 100 + 142 + 172 \\
 509 &:= 1^8 + 2^8 + 5^0 + 15^2 + 26^1 = 18 + 28 + 50 + 152 + 261 & 509 &:= 2^4 + 8^0 + 10^1 + 11^2 + 19^2 = 24 + 80 + 101 + 112 + 192 \\
 509 &:= 1^8 + 3^5 + 3^5 + 21^0 + 21^1 = 18 + 35 + 35 + 210 + 211 & 509 &:= 2^4 + 8^0 + 9^2 + 11^1 + 20^2 = 24 + 80 + 92 + 111 + 202 \\
 509 &:= 1^9 + 2^3 + 3^5 + 16^2 + 27^0 = 19 + 23 + 35 + 162 + 270 & 509 &:= 2^6 + 2^8 + 9^2 + 9^2 + 27^1 = 26 + 28 + 92 + 92 + 271 \\
 509 &:= 1^9 + 2^7 + 9^0 + 18^1 + 19^2 = 19 + 27 + 90 + 181 + 192 & 509 &:= 2^7 + 2^7 + 3^3 + 15^2 + 27^0 = 27 + 27 + 33 + 152 + 270 \\
 509 &:= 1^9 + 3^5 + 11^2 + 11^2 + 23^1 = 19 + 35 + 112 + 112 + 231 & 509 &:= 3^1 + 3^4 + 10^2 + 16^0 + 18^2 = 31 + 34 + 102 + 160 + 182 \\
 509 &:= 2^0 + 2^1 + 2^6 + 21^2 + 23^0 = 20 + 21 + 26 + 212 + 230 & 509 &:= 3^1 + 3^5 + 6^1 + 16^2 + 22^0 = 31 + 35 + 61 + 162 + 220
 \end{aligned}$$

$509 := 3^1 + 4^3 + 6^3 + 15^2 + 22^0 = 31 + 43 + 63 + 152 + 220$	$509 := 4^0 + 4^4 + 6^3 + 15^1 + 21^1 = 40 + 44 + 63 + 151 + 211$
$509 := 3^2 + 3^4 + 6^0 + 18^1 + 20^2 = 32 + 34 + 60 + 181 + 202$	$509 := 4^0 + 4^4 + 6^3 + 16^1 + 20^1 = 40 + 44 + 63 + 161 + 201$
$509 := 3^2 + 4^4 + 10^0 + 15^2 + 18^1 = 32 + 44 + 100 + 152 + 181$	$509 := 4^0 + 4^4 + 6^3 + 17^1 + 19^1 = 40 + 44 + 63 + 171 + 191$
$509 := 3^3 + 3^3 + 10^0 + 13^1 + 21^2 = 33 + 33 + 100 + 131 + 212$	$509 := 4^0 + 4^4 + 6^3 + 18^1 + 18^1 = 40 + 44 + 63 + 181 + 181$
$509 := 3^3 + 4^3 + 6^0 + 17^1 + 20^2 = 33 + 43 + 60 + 171 + 202$	$509 := 4^0 + 4^4 + 6^3 + 9^1 + 27^1 = 40 + 44 + 63 + 91 + 271$
$509 := 3^3 + 6^2 + 11^2 + 12^0 + 18^2 = 33 + 62 + 112 + 120 + 182$	$509 := 4^0 + 5^3 + 6^3 + 12^2 + 23^1 = 40 + 53 + 63 + 122 + 231$
$509 := 3^3 + 6^3 + 9^1 + 16^0 + 16^2 = 33 + 63 + 91 + 160 + 162$	$509 := 4^0 + 6^3 + 6^3 + 7^2 + 27^1 = 40 + 63 + 63 + 72 + 271$
$509 := 3^3 + 7^3 + 11^2 + 12^0 + 17^1 = 33 + 73 + 112 + 120 + 171$	$509 := 4^2 + 4^4 + 11^1 + 15^2 + 16^0 = 42 + 44 + 111 + 152 + 160$
$509 := 3^3 + 9^2 + 10^0 + 12^2 + 16^2 = 33 + 92 + 100 + 122 + 162$	$509 := 4^2 + 5^3 + 7^3 + 10^0 + 24^1 = 42 + 53 + 73 + 100 + 241$
$509 := 3^4 + 4^0 + 7^2 + 17^1 + 19^2 = 34 + 40 + 72 + 171 + 192$	$509 := 4^2 + 7^2 + 7^3 + 10^2 + 22^0 = 42 + 72 + 73 + 102 + 220$
$509 := 3^4 + 4^2 + 11^1 + 12^0 + 20^2 = 34 + 42 + 111 + 120 + 202$	$509 := 4^3 + 7^3 + 9^2 + 10^0 + 20^1 = 43 + 73 + 92 + 100 + 201$
$509 := 3^4 + 6^1 + 12^0 + 14^2 + 15^2 = 34 + 61 + 120 + 142 + 152$	$509 := 4^4 + 10^1 + 11^2 + 11^2 + 14^0 = 44 + 101 + 112 + 112 + 140$
$509 := 3^5 + 4^1 + 5^1 + 16^2 + 22^0 = 35 + 41 + 51 + 162 + 220$	$509 := 4^4 + 6^0 + 6^2 + 14^2 + 20^1 = 44 + 60 + 62 + 142 + 201$
$509 := 4^0 + 4^3 + 4^3 + 19^1 + 19^2 = 40 + 43 + 43 + 191 + 192$	$509 := 4^4 + 6^0 + 8^2 + 13^2 + 19^1 = 44 + 60 + 82 + 132 + 191$
$509 := 4^0 + 4^4 + 6^3 + 10^1 + 26^1 = 40 + 44 + 63 + 101 + 261$	$509 := 4^4 + 7^1 + 7^2 + 14^2 + 18^0 = 44 + 71 + 72 + 142 + 180$
$509 := 4^0 + 4^4 + 6^3 + 11^1 + 25^1 = 40 + 44 + 63 + 111 + 251$	$509 := 4^4 + 8^1 + 10^2 + 12^2 + 16^0 = 44 + 81 + 102 + 122 + 160$
$509 := 4^0 + 4^4 + 6^3 + 12^1 + 24^1 = 40 + 44 + 63 + 121 + 241$	$509 := 5^2 + 5^3 + 7^3 + 15^1 + 18^0 = 52 + 53 + 73 + 151 + 180$
$509 := 4^0 + 4^4 + 6^3 + 13^1 + 23^1 = 40 + 44 + 63 + 131 + 231$	$509 := 6^3 + 6^3 + 8^2 + 12^1 + 18^0 = 63 + 63 + 82 + 121 + 180$
$509 := 4^0 + 4^4 + 6^3 + 14^1 + 22^1 = 40 + 44 + 63 + 141 + 221$	

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$510 := 1^7 + 3^0 + 22^2 + 24^1 = 17 + 30 + 222 + 241$	$510 := 1^1 + 3^3 + 4^4 + 15^2 + 27^0 = 11 + 33 + 44 + 152 + 270$
$510 := 2^2 + 2^6 + 21^2 + 25^0 = 22 + 26 + 212 + 250$	$510 := 1^1 + 3^4 + 11^2 + 17^2 + 18^1 = 11 + 34 + 112 + 172 + 181$
$510 := 2^4 + 7^3 + 11^2 + 30^1 = 24 + 73 + 112 + 301$	$510 := 1^1 + 3^5 + 11^2 + 12^2 + 23^0 = 11 + 35 + 112 + 122 + 230$
$510 := 2^6 + 11^2 + 18^2 + 19^0 = 26 + 112 + 182 + 190$	$510 := 1^2 + 1^5 + 3^0 + 22^2 + 23^1 = 12 + 15 + 30 + 222 + 231$
$510 := 2^7 + 9^0 + 19^2 + 20^1 = 27 + 90 + 192 + 201$	$510 := 1^2 + 2^3 + 14^2 + 16^1 + 17^2 = 12 + 23 + 142 + 161 + 172$
$510 := 3^5 + 11^2 + 11^2 + 25^1 = 35 + 112 + 112 + 251$	$510 := 1^2 + 3^3 + 8^2 + 18^1 + 20^2 = 12 + 33 + 82 + 181 + 202$
$510 := 3^5 + 4^4 + 10^1 + 33^0 = 35 + 44 + 101 + 330$	$510 := 1^2 + 3^5 + 9^1 + 16^2 + 21^0 = 12 + 35 + 91 + 162 + 210$
$510 := 1^0 + 1^7 + 3^0 + 22^2 + 23^1 = 10 + 17 + 30 + 222 + 231$	$510 := 1^2 + 4^3 + 5^2 + 20^1 + 20^2 = 12 + 43 + 52 + 201 + 202$
$510 := 1^0 + 2^7 + 9^0 + 19^1 + 19^2 = 10 + 27 + 90 + 191 + 192$	$510 := 1^3 + 1^4 + 3^0 + 22^2 + 23^1 = 13 + 14 + 30 + 222 + 231$
$510 := 1^0 + 3^5 + 11^2 + 11^2 + 24^1 = 10 + 35 + 112 + 112 + 241$	$510 := 1^3 + 11^1 + 11^2 + 11^2 + 16^2 = 13 + 111 + 112 + 112 + 162$
$510 := 1^1 + 1^6 + 3^0 + 22^2 + 23^1 = 11 + 16 + 30 + 222 + 231$	$510 := 1^3 + 2^3 + 10^2 + 17^0 + 20^2 = 13 + 23 + 102 + 170 + 202$
$510 := 1^1 + 2^2 + 3^4 + 20^2 + 24^1 = 11 + 22 + 34 + 202 + 241$	$510 := 1^3 + 2^3 + 4^2 + 21^0 + 22^2 = 13 + 23 + 42 + 210 + 222$
$510 := 1^1 + 2^3 + 2^4 + 22^2 + 23^0 = 11 + 23 + 24 + 222 + 230$	$510 := 1^3 + 2^4 + 8^1 + 17^0 + 22^2 = 13 + 24 + 81 + 170 + 222$
$510 := 1^1 + 2^6 + 3^1 + 21^2 + 23^0 = 11 + 26 + 31 + 212 + 230$	$510 := 1^3 + 3^0 + 4^4 + 15^2 + 27^1 = 13 + 30 + 44 + 152 + 271$
$510 := 1^1 + 3^2 + 3^5 + 16^2 + 27^0 = 11 + 32 + 35 + 162 + 270$	$510 := 1^3 + 3^2 + 14^2 + 15^1 + 17^2 = 13 + 32 + 142 + 151 + 172$
$510 := 1^1 + 3^3 + 3^4 + 20^2 + 23^0 = 11 + 33 + 34 + 202 + 230$	$510 := 1^3 + 3^3 + 15^0 + 15^2 + 16^2 = 13 + 33 + 150 + 152 + 162$

$$\begin{aligned} 510 &:= 1^3 + 3^3 + 9^2 + 17^0 + 20^2 = 13 + 33 + 92 + 170 + 202 & 510 &:= 2^2 + 2^3 + 9^2 + 17^1 + 20^2 = 22 + 23 + 92 + 171 + 202 \\ 510 &:= 1^3 + 5^2 + 5^2 + 18^1 + 21^2 = 13 + 52 + 52 + 181 + 212 & 510 &:= 2^2 + 3^1 + 3^4 + 20^2 + 22^1 = 22 + 31 + 34 + 202 + 221 \\ 510 &:= 1^3 + 6^2 + 6^3 + 16^2 + 21^0 = 13 + 62 + 63 + 162 + 210 & 510 &:= 2^2 + 3^4 + 10^1 + 15^1 + 20^2 = 22 + 34 + 101 + 151 + 202 \\ 510 &:= 1^3 + 8^2 + 12^1 + 12^2 + 17^2 = 13 + 82 + 121 + 122 + 172 & 510 &:= 2^2 + 3^4 + 10^2 + 17^0 + 18^2 = 22 + 34 + 102 + 170 + 182 \\ 510 &:= 1^4 + 2^3 + 9^0 + 16^1 + 22^2 = 14 + 23 + 90 + 161 + 222 & 510 &:= 2^2 + 3^4 + 11^1 + 14^1 + 20^2 = 22 + 34 + 111 + 141 + 202 \\ 510 &:= 1^4 + 3^0 + 5^3 + 19^2 + 22^1 = 14 + 30 + 53 + 192 + 221 & 510 &:= 2^2 + 3^4 + 12^1 + 13^1 + 20^2 = 22 + 34 + 121 + 131 + 202 \\ 510 &:= 1^4 + 3^1 + 4^3 + 21^0 + 21^2 = 14 + 31 + 43 + 210 + 212 & 510 &:= 2^2 + 3^4 + 4^1 + 20^2 + 21^1 = 22 + 34 + 41 + 202 + 211 \\ 510 &:= 1^4 + 3^1 + 6^3 + 17^2 + 23^0 = 14 + 31 + 63 + 172 + 230 & 510 &:= 2^2 + 3^4 + 5^1 + 20^1 + 20^2 = 22 + 34 + 51 + 201 + 202 \\ 510 &:= 1^4 + 7^3 + 9^0 + 12^2 + 21^1 = 14 + 73 + 90 + 122 + 211 & 510 &:= 2^2 + 3^4 + 6^1 + 19^1 + 20^2 = 22 + 34 + 61 + 191 + 202 \\ 510 &:= 1^5 + 2^2 + 5^0 + 20^1 + 22^2 = 15 + 22 + 50 + 201 + 222 & 510 &:= 2^2 + 3^4 + 7^1 + 18^1 + 20^2 = 22 + 34 + 71 + 181 + 202 \\ 510 &:= 1^5 + 3^0 + 13^2 + 15^1 + 18^2 = 15 + 30 + 132 + 151 + 182 & 510 &:= 2^2 + 3^4 + 8^1 + 17^1 + 20^2 = 22 + 34 + 81 + 171 + 202 \\ 510 &:= 1^5 + 3^0 + 7^2 + 18^1 + 21^2 = 15 + 30 + 72 + 181 + 212 & 510 &:= 2^2 + 3^4 + 9^1 + 16^1 + 20^2 = 22 + 34 + 91 + 161 + 202 \\ 510 &:= 1^5 + 3^1 + 12^2 + 15^0 + 19^2 = 15 + 31 + 122 + 150 + 192 & 510 &:= 2^2 + 3^5 + 6^1 + 16^2 + 23^0 = 22 + 35 + 61 + 162 + 230 \\ 510 &:= 1^5 + 3^1 + 8^2 + 17^0 + 21^2 = 15 + 31 + 82 + 170 + 212 & 510 &:= 2^2 + 4^2 + 7^3 + 11^2 + 26^1 = 22 + 42 + 73 + 112 + 261 \\ 510 &:= 1^5 + 3^2 + 9^0 + 15^1 + 22^2 = 15 + 32 + 90 + 151 + 222 & 510 &:= 2^2 + 4^3 + 6^3 + 15^2 + 23^0 = 22 + 43 + 63 + 152 + 230 \\ 510 &:= 1^5 + 4^2 + 8^1 + 15^0 + 22^2 = 15 + 42 + 81 + 150 + 222 & 510 &:= 2^2 + 4^3 + 8^2 + 17^1 + 19^2 = 22 + 43 + 82 + 171 + 192 \\ 510 &:= 1^5 + 8^1 + 10^2 + 11^0 + 20^2 = 15 + 81 + 102 + 110 + 202 & 510 &:= 2^2 + 5^3 + 13^2 + 14^2 + 16^1 = 22 + 53 + 132 + 142 + 161 \\ 510 &:= 1^6 + 2^1 + 3^0 + 22^1 + 22^2 = 16 + 21 + 30 + 221 + 222 & 510 &:= 2^3 + 10^1 + 10^2 + 14^2 + 14^2 = 23 + 101 + 102 + 142 + 142 \\ 510 &:= 1^6 + 3^0 + 10^1 + 14^1 + 22^2 = 16 + 30 + 101 + 141 + 222 & 510 &:= 2^3 + 2^3 + 13^2 + 15^0 + 18^2 = 23 + 23 + 132 + 150 + 182 \\ 510 &:= 1^6 + 3^0 + 11^1 + 13^1 + 22^2 = 16 + 30 + 111 + 131 + 222 & 510 &:= 2^3 + 2^3 + 3^2 + 21^0 + 22^2 = 23 + 23 + 32 + 210 + 222 \\ 510 &:= 1^6 + 3^0 + 12^1 + 12^1 + 22^2 = 16 + 30 + 121 + 121 + 222 & 510 &:= 2^3 + 3^4 + 5^0 + 20^1 + 20^2 = 23 + 34 + 50 + 201 + 202 \\ 510 &:= 1^6 + 3^0 + 3^1 + 21^1 + 22^2 = 16 + 30 + 31 + 211 + 222 & 510 &:= 2^3 + 4^4 + 9^0 + 15^2 + 20^1 = 23 + 44 + 90 + 152 + 201 \\ 510 &:= 1^6 + 3^0 + 4^1 + 20^1 + 22^2 = 16 + 30 + 41 + 201 + 222 & 510 &:= 2^3 + 8^2 + 8^2 + 13^1 + 19^2 = 23 + 82 + 82 + 131 + 192 \\ 510 &:= 1^6 + 3^0 + 5^1 + 19^1 + 22^2 = 16 + 30 + 51 + 191 + 222 & 510 &:= 2^3 + 9^2 + 11^1 + 11^2 + 17^2 = 23 + 92 + 111 + 112 + 172 \\ 510 &:= 1^6 + 3^0 + 6^1 + 18^1 + 22^2 = 16 + 30 + 61 + 181 + 222 & 510 &:= 2^4 + 4^2 + 6^2 + 17^0 + 21^2 = 24 + 42 + 62 + 170 + 212 \\ 510 &:= 1^6 + 3^0 + 7^1 + 17^1 + 22^2 = 16 + 30 + 71 + 171 + 222 & 510 &:= 2^4 + 5^0 + 6^3 + 16^2 + 21^1 = 24 + 50 + 63 + 162 + 211 \\ 510 &:= 1^6 + 3^0 + 8^1 + 16^1 + 22^2 = 16 + 30 + 81 + 161 + 222 & 510 &:= 2^4 + 5^2 + 12^2 + 13^0 + 18^2 = 24 + 52 + 122 + 130 + 182 \\ 510 &:= 1^6 + 3^0 + 9^1 + 15^1 + 22^2 = 16 + 30 + 91 + 151 + 222 & 510 &:= 2^4 + 5^3 + 7^1 + 17^0 + 19^2 = 24 + 53 + 71 + 170 + 192 \\ 510 &:= 1^7 + 2^0 + 2^0 + 22^2 + 23^1 = 17 + 20 + 20 + 222 + 231 & 510 &:= 2^4 + 6^1 + 7^3 + 12^2 + 23^0 = 24 + 61 + 73 + 122 + 230 \\ 510 &:= 1^8 + 1^9 + 2^0 + 22^2 + 23^1 = 18 + 19 + 20 + 222 + 231 & 510 &:= 2^5 + 3^0 + 10^2 + 16^1 + 19^2 = 25 + 30 + 102 + 161 + 192 \\ 510 &:= 1^9 + 1^9 + 1^9 + 22^2 + 23^1 = 19 + 19 + 19 + 222 + 231 & 510 &:= 2^5 + 3^0 + 4^2 + 20^1 + 21^2 = 25 + 30 + 42 + 201 + 212 \\ 510 &:= 1^9 + 2^8 + 4^0 + 15^2 + 27^1 = 19 + 28 + 40 + 152 + 271 & 510 &:= 2^5 + 5^2 + 11^0 + 11^1 + 21^2 = 25 + 52 + 110 + 111 + 212 \\ 510 &:= 1^9 + 3^5 + 3^5 + 20^0 + 22^1 = 19 + 35 + 35 + 200 + 221 & 510 &:= 2^5 + 7^0 + 8^2 + 13^1 + 20^2 = 25 + 70 + 82 + 131 + 202 \\ 510 &:= 2^0 + 2^7 + 8^0 + 19^1 + 19^2 = 20 + 27 + 80 + 191 + 192 & 510 &:= 2^5 + 9^0 + 9^1 + 12^2 + 18^2 = 25 + 90 + 91 + 122 + 182 \\ 510 &:= 2^1 + 2^1 + 2^6 + 21^2 + 23^0 = 21 + 21 + 26 + 212 + 230 & 510 &:= 2^7 + 3^0 + 7^0 + 19^1 + 19^2 = 27 + 30 + 70 + 191 + 192 \\ 510 &:= 2^1 + 2^2 + 3^4 + 20^2 + 23^1 = 21 + 22 + 34 + 202 + 231 & 510 &:= 2^7 + 4^0 + 6^0 + 19^1 + 19^2 = 27 + 40 + 60 + 191 + 192 \\ 510 &:= 2^1 + 3^4 + 11^2 + 17^1 + 17^2 = 21 + 34 + 112 + 171 + 172 & 510 &:= 2^7 + 5^0 + 5^0 + 19^1 + 19^2 = 27 + 50 + 50 + 191 + 192 \\ 510 &:= 2^2 + 2^3 + 11^2 + 16^1 + 19^2 = 22 + 23 + 112 + 161 + 192 & 510 &:= 3^0 + 3^5 + 10^2 + 12^2 + 22^1 = 30 + 35 + 102 + 122 + 221 \end{aligned}$$

$510 := 3^0 + 3^5 + 4^2 + 15^2 + 25^1 = 30 + 35 + 42 + 152 + 251$	$510 := 3^5 + 5^1 + 6^2 + 15^2 + 21^0 = 35 + 51 + 62 + 152 + 210$
$510 := 3^1 + 3^4 + 11^2 + 16^1 + 17^2 = 31 + 34 + 112 + 161 + 172$	$510 := 3^5 + 5^2 + 11^0 + 15^2 + 16^1 = 35 + 52 + 110 + 152 + 161$
$510 := 3^1 + 3^4 + 4^3 + 19^2 + 21^0 = 31 + 34 + 43 + 192 + 210$	$510 := 3^5 + 6^1 + 8^2 + 14^2 + 19^0 = 35 + 61 + 82 + 142 + 190$
$510 := 3^2 + 4^4 + 10^2 + 12^2 + 21^0 = 32 + 44 + 102 + 122 + 210$	$510 := 3^5 + 6^3 + 7^0 + 7^2 + 27^0 = 35 + 63 + 70 + 72 + 270$
$510 := 3^3 + 5^2 + 11^2 + 13^1 + 18^2 = 33 + 52 + 112 + 131 + 182$	$510 := 3^5 + 6^3 + 7^2 + 10^0 + 24^0 = 35 + 63 + 72 + 100 + 240$
$510 := 3^3 + 5^3 + 7^3 + 14^1 + 21^0 = 33 + 53 + 73 + 141 + 210$	$510 := 3^5 + 6^3 + 7^2 + 11^0 + 23^0 = 35 + 63 + 72 + 110 + 230$
$510 := 3^3 + 9^2 + 10^1 + 14^2 + 14^2 = 33 + 92 + 101 + 142 + 142$	$510 := 3^5 + 6^3 + 7^2 + 12^0 + 22^0 = 35 + 63 + 72 + 120 + 220$
$510 := 3^4 + 4^1 + 11^2 + 15^1 + 17^2 = 34 + 41 + 112 + 151 + 172$	$510 := 3^5 + 6^3 + 7^2 + 13^0 + 21^0 = 35 + 63 + 72 + 130 + 210$
$510 := 3^4 + 4^1 + 7^3 + 9^2 + 27^0 = 34 + 41 + 73 + 92 + 270$	$510 := 3^5 + 6^3 + 7^2 + 14^0 + 20^0 = 35 + 63 + 72 + 140 + 200$
$510 := 3^4 + 5^1 + 11^2 + 14^1 + 17^2 = 34 + 51 + 112 + 141 + 172$	$510 := 3^5 + 6^3 + 7^2 + 15^0 + 19^0 = 35 + 63 + 72 + 150 + 190$
$510 := 3^4 + 5^3 + 11^0 + 14^1 + 17^2 = 34 + 53 + 110 + 141 + 172$	$510 := 3^5 + 6^3 + 7^2 + 16^0 + 18^0 = 35 + 63 + 72 + 160 + 180$
$510 := 3^4 + 6^1 + 11^2 + 13^1 + 17^2 = 34 + 61 + 112 + 131 + 172$	$510 := 3^5 + 6^3 + 7^2 + 17^0 + 17^0 = 35 + 63 + 72 + 170 + 170$
$510 := 3^4 + 6^2 + 13^0 + 14^2 + 14^2 = 34 + 62 + 130 + 142 + 142$	$510 := 3^5 + 6^3 + 7^2 + 8^0 + 26^0 = 35 + 63 + 72 + 80 + 260$
$510 := 3^4 + 6^3 + 11^0 + 14^2 + 16^1 = 34 + 63 + 110 + 142 + 161$	$510 := 3^5 + 6^3 + 7^2 + 9^0 + 25^0 = 35 + 63 + 72 + 90 + 250$
$510 := 3^4 + 7^1 + 11^2 + 12^1 + 17^2 = 34 + 71 + 112 + 121 + 172$	$510 := 3^5 + 9^0 + 9^2 + 13^2 + 16^1 = 35 + 90 + 92 + 132 + 161$
$510 := 3^4 + 7^3 + 8^2 + 11^0 + 21^1 = 34 + 73 + 82 + 110 + 211$	$510 := 4^2 + 4^4 + 6^3 + 15^0 + 21^1 = 42 + 44 + 63 + 150 + 211$
$510 := 3^4 + 8^1 + 11^1 + 11^2 + 17^2 = 34 + 81 + 111 + 112 + 172$	$510 := 4^2 + 5^3 + 8^2 + 16^1 + 17^2 = 42 + 53 + 82 + 161 + 172$
$510 := 3^4 + 9^1 + 10^1 + 11^2 + 17^2 = 34 + 91 + 101 + 112 + 172$	$510 := 4^2 + 6^3 + 8^2 + 14^2 + 18^1 = 42 + 63 + 82 + 142 + 181$
$510 := 3^5 + 4^4 + 7^0 + 9^1 + 27^0 = 35 + 44 + 70 + 91 + 270$	$510 := 4^2 + 7^3 + 8^2 + 8^2 + 23^1 = 42 + 73 + 82 + 82 + 231$
$510 := 3^5 + 4^4 + 8^0 + 9^1 + 26^0 = 35 + 44 + 80 + 91 + 260$	$510 := 4^3 + 4^4 + 9^0 + 13^2 + 20^1 = 43 + 44 + 90 + 132 + 201$
$510 := 3^5 + 4^4 + 9^0 + 9^1 + 25^0 = 35 + 44 + 90 + 91 + 250$	$510 := 4^3 + 5^3 + 8^2 + 16^2 + 17^0 = 43 + 53 + 82 + 162 + 170$
$510 := 3^5 + 4^4 + 9^1 + 10^0 + 24^0 = 35 + 44 + 91 + 100 + 240$	$510 := 4^3 + 6^3 + 6^3 + 13^1 + 21^0 = 43 + 63 + 63 + 131 + 210$
$510 := 3^5 + 4^4 + 9^1 + 11^0 + 23^0 = 35 + 44 + 91 + 110 + 230$	$510 := 4^3 + 8^2 + 9^2 + 12^1 + 17^2 = 43 + 82 + 92 + 121 + 172$
$510 := 3^5 + 4^4 + 9^1 + 12^0 + 22^0 = 35 + 44 + 91 + 120 + 220$	$510 := 4^4 + 5^2 + 6^3 + 12^1 + 23^0 = 44 + 52 + 63 + 121 + 230$
$510 := 3^5 + 4^4 + 9^1 + 13^0 + 21^0 = 35 + 44 + 91 + 130 + 210$	$510 := 4^4 + 5^3 + 7^1 + 11^2 + 23^0 = 44 + 53 + 71 + 112 + 230$
$510 := 3^5 + 4^4 + 9^1 + 14^0 + 20^0 = 35 + 44 + 91 + 140 + 200$	$510 := 5^2 + 5^2 + 6^3 + 15^2 + 19^1 = 52 + 52 + 63 + 152 + 191$
$510 := 3^5 + 4^4 + 9^1 + 15^0 + 19^0 = 35 + 44 + 91 + 150 + 190$	$510 := 5^2 + 5^3 + 11^2 + 14^1 + 15^2 = 52 + 53 + 112 + 141 + 152$
$510 := 3^5 + 4^4 + 9^1 + 16^0 + 18^0 = 35 + 44 + 91 + 160 + 180$	$510 := 6^2 + 6^3 + 11^2 + 11^2 + 16^1 = 62 + 63 + 112 + 112 + 161$
$510 := 3^5 + 4^4 + 9^1 + 17^0 + 17^0 = 35 + 44 + 91 + 170 + 170$	$510 := 8^2 + 9^2 + 10^2 + 11^2 + 12^2 = 82 + 92 + 102 + 112 + 122$
$510 := 3^5 + 5^0 + 7^2 + 14^2 + 21^1 = 35 + 50 + 72 + 142 + 211$	

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$511 := 1^7 + 5^2 + 22^0 + 22^2 = 17 + 52 + 220 + 222$	$511 := 3^5 + 3^5 + 20^0 + 24^1 = 35 + 35 + 200 + 241$
$511 := 1^8 + 2^0 + 22^2 + 25^1 = 18 + 20 + 222 + 251$	$511 := 1^0 + 1^8 + 2^0 + 22^2 + 24^1 = 10 + 18 + 20 + 222 + 241$
$511 := 1^9 + 1^9 + 22^2 + 25^1 = 19 + 19 + 222 + 251$	$511 := 1^0 + 1^9 + 1^9 + 22^2 + 24^1 = 10 + 19 + 19 + 222 + 241$
$511 := 2^0 + 2^7 + 7^3 + 39^1 = 20 + 27 + 73 + 391$	$511 := 1^0 + 3^5 + 3^5 + 20^0 + 23^1 = 10 + 35 + 35 + 200 + 231$
$511 := 2^8 + 4^0 + 15^2 + 29^1 = 28 + 40 + 152 + 291$	$511 := 1^1 + 1^7 + 2^0 + 22^2 + 24^1 = 11 + 17 + 20 + 222 + 241$

$$\begin{aligned}
 511 &:= 1^1 + 1^8 + 1^9 + 22^2 + 24^1 = 11 + 18 + 19 + 222 + 241 & 511 &:= 1^6 + 1^6 + 1^6 + 22^2 + 24^1 = 16 + 16 + 16 + 222 + 241 \\
 511 &:= 1^1 + 2^2 + 2^6 + 21^2 + 24^0 = 11 + 22 + 26 + 212 + 240 & 511 &:= 1^6 + 1^9 + 5^3 + 19^2 + 23^1 = 16 + 19 + 53 + 192 + 231 \\
 511 &:= 1^1 + 2^6 + 11^2 + 18^0 + 18^2 = 11 + 26 + 112 + 180 + 182 & 511 &:= 1^6 + 2^0 + 13^2 + 16^1 + 18^2 = 16 + 20 + 132 + 161 + 182 \\
 511 &:= 1^1 + 2^7 + 8^0 + 19^2 + 20^1 = 11 + 27 + 80 + 192 + 201 & 511 &:= 1^6 + 2^0 + 7^2 + 19^1 + 21^2 = 16 + 20 + 72 + 191 + 212 \\
 511 &:= 1^2 + 1^6 + 2^0 + 22^2 + 24^1 = 12 + 16 + 20 + 222 + 241 & 511 &:= 1^6 + 2^2 + 4^0 + 21^1 + 22^2 = 16 + 22 + 40 + 211 + 222 \\
 511 &:= 1^2 + 1^7 + 1^9 + 22^2 + 24^1 = 12 + 17 + 19 + 222 + 241 & 511 &:= 1^6 + 2^5 + 2^7 + 18^2 + 26^1 = 16 + 25 + 27 + 182 + 261 \\
 511 &:= 1^2 + 1^8 + 1^8 + 22^2 + 24^1 = 12 + 18 + 18 + 222 + 241 & 511 &:= 1^6 + 3^2 + 8^0 + 16^1 + 22^2 = 16 + 32 + 80 + 161 + 222 \\
 511 &:= 1^2 + 2^5 + 6^2 + 20^0 + 21^2 = 12 + 25 + 62 + 200 + 212 & 511 &:= 1^6 + 4^1 + 12^2 + 14^0 + 19^2 = 16 + 41 + 122 + 140 + 192 \\
 511 &:= 1^2 + 2^6 + 4^1 + 21^2 + 22^0 = 12 + 26 + 41 + 212 + 220 & 511 &:= 1^6 + 4^1 + 8^2 + 16^0 + 21^2 = 16 + 41 + 82 + 160 + 212 \\
 511 &:= 1^3 + 1^5 + 2^0 + 22^2 + 24^1 = 13 + 15 + 20 + 222 + 241 & 511 &:= 1^6 + 4^2 + 9^1 + 14^0 + 22^2 = 16 + 42 + 91 + 140 + 222 \\
 511 &:= 1^3 + 1^6 + 1^9 + 22^2 + 24^1 = 13 + 16 + 19 + 222 + 241 & 511 &:= 1^6 + 9^1 + 10^0 + 10^2 + 20^2 = 16 + 91 + 100 + 102 + 202 \\
 511 &:= 1^3 + 1^7 + 1^8 + 22^2 + 24^1 = 13 + 17 + 18 + 222 + 241 & 511 &:= 1^7 + 1^8 + 5^3 + 19^2 + 23^1 = 17 + 18 + 53 + 192 + 231 \\
 511 &:= 1^3 + 2^4 + 13^2 + 16^0 + 18^2 = 13 + 24 + 132 + 160 + 182 & 511 &:= 1^7 + 1^9 + 13^2 + 16^1 + 18^2 = 17 + 19 + 132 + 161 + 182 \\
 511 &:= 1^3 + 2^4 + 3^2 + 22^0 + 22^2 = 13 + 24 + 32 + 220 + 222 & 511 &:= 1^7 + 1^9 + 7^2 + 19^1 + 21^2 = 17 + 19 + 72 + 191 + 212 \\
 511 &:= 1^3 + 3^5 + 10^1 + 16^2 + 20^0 = 13 + 35 + 101 + 162 + 200 & 511 &:= 1^7 + 2^0 + 10^1 + 15^1 + 22^2 = 17 + 20 + 101 + 151 + 222 \\
 511 &:= 1^4 + 1^4 + 2^0 + 22^2 + 24^1 = 14 + 14 + 20 + 222 + 241 & 511 &:= 1^7 + 2^0 + 11^1 + 14^1 + 22^2 = 17 + 20 + 111 + 141 + 222 \\
 511 &:= 1^4 + 1^5 + 1^9 + 22^2 + 24^1 = 14 + 15 + 19 + 222 + 241 & 511 &:= 1^7 + 2^0 + 12^1 + 13^1 + 22^2 = 17 + 20 + 121 + 131 + 222 \\
 511 &:= 1^4 + 1^6 + 1^8 + 22^2 + 24^1 = 14 + 16 + 18 + 222 + 241 & 511 &:= 1^7 + 2^0 + 2^1 + 22^2 + 23^1 = 17 + 20 + 21 + 222 + 231 \\
 511 &:= 1^4 + 1^7 + 1^7 + 22^2 + 24^1 = 14 + 17 + 17 + 222 + 241 & 511 &:= 1^7 + 2^0 + 3^1 + 22^1 + 22^2 = 17 + 20 + 31 + 221 + 222 \\
 511 &:= 1^4 + 2^2 + 4^3 + 21^2 + 22^0 = 14 + 22 + 43 + 212 + 220 & 511 &:= 1^7 + 2^0 + 4^1 + 21^1 + 22^2 = 17 + 20 + 41 + 211 + 222 \\
 511 &:= 1^4 + 2^2 + 6^3 + 17^2 + 24^0 = 14 + 22 + 63 + 172 + 240 & 511 &:= 1^7 + 2^0 + 5^1 + 20^1 + 22^2 = 17 + 20 + 51 + 201 + 222 \\
 511 &:= 1^4 + 2^4 + 9^1 + 16^0 + 22^2 = 14 + 24 + 91 + 160 + 222 & 511 &:= 1^7 + 2^0 + 6^1 + 19^1 + 22^2 = 17 + 20 + 61 + 191 + 222 \\
 511 &:= 1^4 + 3^3 + 11^2 + 16^0 + 19^2 = 14 + 33 + 112 + 160 + 192 & 511 &:= 1^7 + 2^0 + 7^1 + 18^1 + 22^2 = 17 + 20 + 71 + 181 + 222 \\
 511 &:= 1^4 + 4^3 + 11^2 + 16^0 + 18^2 = 14 + 43 + 112 + 160 + 182 & 511 &:= 1^7 + 2^0 + 8^1 + 17^1 + 22^2 = 17 + 20 + 81 + 171 + 222 \\
 511 &:= 1^5 + 1^5 + 1^8 + 22^2 + 24^1 = 15 + 15 + 18 + 222 + 241 & 511 &:= 1^7 + 2^0 + 9^1 + 16^1 + 22^2 = 17 + 20 + 91 + 161 + 222 \\
 511 &:= 1^5 + 1^6 + 1^7 + 22^2 + 24^1 = 15 + 16 + 17 + 222 + 241 & 511 &:= 1^8 + 1^8 + 13^2 + 16^1 + 18^2 = 18 + 18 + 132 + 161 + 182 \\
 511 &:= 1^5 + 10^0 + 12^2 + 13^2 + 14^2 = 15 + 100 + 122 + 132 + 142 & 511 &:= 1^8 + 1^8 + 7^2 + 19^1 + 21^2 = 18 + 18 + 72 + 191 + 212 \\
 511 &:= 1^5 + 2^0 + 5^3 + 19^2 + 23^1 = 15 + 20 + 53 + 192 + 231 & 511 &:= 1^8 + 1^9 + 10^1 + 15^1 + 22^2 = 18 + 19 + 101 + 151 + 222 \\
 511 &:= 1^5 + 2^2 + 12^2 + 16^0 + 19^2 = 15 + 22 + 122 + 160 + 192 & 511 &:= 1^8 + 1^9 + 11^1 + 14^1 + 22^2 = 18 + 19 + 111 + 141 + 222 \\
 511 &:= 1^5 + 2^2 + 8^2 + 18^0 + 21^2 = 15 + 22 + 82 + 180 + 212 & 511 &:= 1^8 + 1^9 + 12^1 + 13^1 + 22^2 = 18 + 19 + 121 + 131 + 222 \\
 511 &:= 1^5 + 2^3 + 8^0 + 17^1 + 22^2 = 15 + 23 + 80 + 171 + 222 & 511 &:= 1^8 + 1^9 + 2^1 + 22^2 + 23^1 = 18 + 19 + 21 + 222 + 231 \\
 511 &:= 1^5 + 3^2 + 10^2 + 16^0 + 20^2 = 15 + 32 + 102 + 160 + 202 & 511 &:= 1^8 + 1^9 + 3^1 + 22^1 + 22^2 = 18 + 19 + 31 + 221 + 222 \\
 511 &:= 1^5 + 3^2 + 4^2 + 20^0 + 22^2 = 15 + 32 + 42 + 200 + 222 & 511 &:= 1^8 + 1^9 + 4^1 + 21^1 + 22^2 = 18 + 19 + 41 + 211 + 222 \\
 511 &:= 1^5 + 4^1 + 4^3 + 20^0 + 21^2 = 15 + 41 + 43 + 200 + 212 & 511 &:= 1^8 + 1^9 + 5^1 + 20^1 + 22^2 = 18 + 19 + 51 + 201 + 222 \\
 511 &:= 1^5 + 4^1 + 6^3 + 17^2 + 22^0 = 15 + 41 + 63 + 172 + 220 & 511 &:= 1^8 + 1^9 + 6^1 + 19^1 + 22^2 = 18 + 19 + 61 + 191 + 222 \\
 511 &:= 1^5 + 4^2 + 13^2 + 14^0 + 18^2 = 15 + 42 + 132 + 140 + 182 & 511 &:= 1^8 + 1^9 + 7^1 + 18^1 + 22^2 = 18 + 19 + 71 + 181 + 222 \\
 511 &:= 1^5 + 7^3 + 8^0 + 12^2 + 22^1 = 15 + 73 + 80 + 122 + 221 & 511 &:= 1^8 + 1^9 + 8^1 + 17^1 + 22^2 = 18 + 19 + 81 + 171 + 222 \\
 511 &:= 1^5 + 8^2 + 11^2 + 12^0 + 18^2 = 15 + 82 + 112 + 120 + 182 & 511 &:= 1^8 + 1^9 + 9^1 + 16^1 + 22^2 = 18 + 19 + 91 + 161 + 222
 \end{aligned}$$

$511 := 1^9 + 2^7 + 5^3 + 16^2 + 25^0 = 19 + 27 + 53 + 162 + 250$	$511 := 2^7 + 3^1 + 8^0 + 18^1 + 19^2 = 27 + 31 + 80 + 181 + 192$
$511 := 1^9 + 2^7 + 6^2 + 18^2 + 22^1 = 19 + 27 + 62 + 182 + 221$	$511 := 2^7 + 4^1 + 8^0 + 17^1 + 19^2 = 27 + 41 + 80 + 171 + 192$
$511 := 1^9 + 2^7 + 7^3 + 12^1 + 27^1 = 19 + 27 + 73 + 121 + 271$	$511 := 2^7 + 5^1 + 8^0 + 16^1 + 19^2 = 27 + 51 + 80 + 161 + 192$
$511 := 1^9 + 2^7 + 7^3 + 13^1 + 26^1 = 19 + 27 + 73 + 131 + 261$	$511 := 2^7 + 6^1 + 8^0 + 15^1 + 19^2 = 27 + 61 + 80 + 151 + 192$
$511 := 1^9 + 2^7 + 7^3 + 14^1 + 25^1 = 19 + 27 + 73 + 141 + 251$	$511 := 2^7 + 7^1 + 8^0 + 14^1 + 19^2 = 27 + 71 + 80 + 141 + 192$
$511 := 1^9 + 2^7 + 7^3 + 15^1 + 24^1 = 19 + 27 + 73 + 151 + 241$	$511 := 2^7 + 8^0 + 10^1 + 11^1 + 19^2 = 27 + 80 + 101 + 111 + 192$
$511 := 1^9 + 2^7 + 7^3 + 16^1 + 23^1 = 19 + 27 + 73 + 161 + 231$	$511 := 2^7 + 8^0 + 8^1 + 13^1 + 19^2 = 27 + 80 + 81 + 131 + 192$
$511 := 1^9 + 2^7 + 7^3 + 17^1 + 22^1 = 19 + 27 + 73 + 171 + 221$	$511 := 2^7 + 8^0 + 9^1 + 12^1 + 19^2 = 27 + 80 + 91 + 121 + 192$
$511 := 1^9 + 2^7 + 7^3 + 18^1 + 21^1 = 19 + 27 + 73 + 181 + 211$	$511 := 3^0 + 3^5 + 3^5 + 18^0 + 23^1 = 30 + 35 + 35 + 180 + 231$
$511 := 1^9 + 2^7 + 7^3 + 19^1 + 20^1 = 19 + 27 + 73 + 191 + 201$	$511 := 3^3 + 3^5 + 14^0 + 15^1 + 15^2 = 33 + 35 + 140 + 151 + 152$
$511 := 2^0 + 2^6 + 5^2 + 20^2 + 21^1 = 20 + 26 + 52 + 202 + 211$	$511 := 3^3 + 4^4 + 6^3 + 11^1 + 26^0 = 33 + 44 + 63 + 111 + 260$
$511 := 2^0 + 3^4 + 3^4 + 18^2 + 24^1 = 20 + 34 + 34 + 182 + 241$	$511 := 3^4 + 4^1 + 4^4 + 13^2 + 26^0 = 34 + 41 + 44 + 132 + 260$
$511 := 2^0 + 3^5 + 3^5 + 19^0 + 23^1 = 20 + 35 + 35 + 190 + 231$	$511 := 3^4 + 4^3 + 13^2 + 14^2 + 16^0 = 34 + 43 + 132 + 142 + 160$
$511 := 2^1 + 2^7 + 8^0 + 19^1 + 19^2 = 21 + 27 + 80 + 191 + 192$	$511 := 3^4 + 4^3 + 7^3 + 14^0 + 22^1 = 34 + 43 + 73 + 140 + 221$
$511 := 2^2 + 3^4 + 4^3 + 19^2 + 22^0 = 22 + 34 + 43 + 192 + 220$	$511 := 3^5 + 3^5 + 10^0 + 11^0 + 23^1 = 35 + 35 + 100 + 110 + 231$
$511 := 2^3 + 3^1 + 3^5 + 16^2 + 26^0 = 23 + 31 + 35 + 162 + 260$	$511 := 3^5 + 3^5 + 4^0 + 17^0 + 23^1 = 35 + 35 + 40 + 170 + 231$
$511 := 2^3 + 3^4 + 14^2 + 15^2 + 16^0 = 23 + 34 + 142 + 152 + 160$	$511 := 3^5 + 3^5 + 5^0 + 16^0 + 23^1 = 35 + 35 + 50 + 160 + 231$
$511 := 2^4 + 3^4 + 12^0 + 13^1 + 20^2 = 24 + 34 + 120 + 131 + 202$	$511 := 3^5 + 3^5 + 6^0 + 15^0 + 23^1 = 35 + 35 + 60 + 150 + 231$
$511 := 2^4 + 4^4 + 13^1 + 15^2 + 16^0 = 24 + 44 + 131 + 152 + 160$	$511 := 3^5 + 3^5 + 7^0 + 14^0 + 23^1 = 35 + 35 + 70 + 140 + 231$
$511 := 2^4 + 5^3 + 12^2 + 15^2 + 16^0 = 24 + 53 + 122 + 152 + 160$	$511 := 3^5 + 3^5 + 8^0 + 13^0 + 23^1 = 35 + 35 + 80 + 130 + 231$
$511 := 2^4 + 5^3 + 7^3 + 10^0 + 26^1 = 24 + 53 + 73 + 100 + 261$	$511 := 3^5 + 3^5 + 9^0 + 12^0 + 23^1 = 35 + 35 + 90 + 120 + 231$
$511 := 2^5 + 3^3 + 10^1 + 14^0 + 21^2 = 25 + 33 + 101 + 140 + 212$	$511 := 3^5 + 4^3 + 7^1 + 14^2 + 22^0 = 35 + 43 + 71 + 142 + 220$
$511 := 2^5 + 4^3 + 10^0 + 14^1 + 20^2 = 25 + 43 + 100 + 141 + 202$	$511 := 3^5 + 5^2 + 11^2 + 11^2 + 20^0 = 35 + 52 + 112 + 112 + 200$
$511 := 2^5 + 6^1 + 6^3 + 16^2 + 20^0 = 25 + 61 + 63 + 162 + 200$	$511 := 3^5 + 5^2 + 6^3 + 10^0 + 26^1 = 35 + 52 + 63 + 100 + 261$
$511 := 2^5 + 6^2 + 9^2 + 14^0 + 19^2 = 25 + 62 + 92 + 140 + 192$	$511 := 3^5 + 5^3 + 10^0 + 11^2 + 21^1 = 35 + 53 + 100 + 112 + 211$
$511 := 2^5 + 7^3 + 11^2 + 14^1 + 16^0 = 25 + 73 + 112 + 141 + 160$	$511 := 3^5 + 6^2 + 6^3 + 15^1 + 20^0 = 35 + 62 + 63 + 151 + 200$
$511 := 2^6 + 4^1 + 9^2 + 16^0 + 19^2 = 26 + 41 + 92 + 160 + 192$	$511 := 3^5 + 7^2 + 7^2 + 13^2 + 20^0 = 35 + 72 + 72 + 132 + 200$
$511 := 2^6 + 6^0 + 12^2 + 13^1 + 17^2 = 26 + 60 + 122 + 131 + 172$	$511 := 4^3 + 5^3 + 5^3 + 14^2 + 22^0 = 43 + 53 + 53 + 142 + 220$
$511 := 2^6 + 6^2 + 10^1 + 12^0 + 20^2 = 26 + 62 + 101 + 120 + 202$	

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$512 := 1^9 + 22^2 + 27^1 = 19 + 222 + 271$	$512 := 1^4 + 1^5 + 22^2 + 26^1 = 14 + 15 + 222 + 261$
$512 := 1^0 + 1^9 + 22^2 + 26^1 = 10 + 19 + 222 + 261$	$512 := 1^4 + 4^4 + 6^3 + 39^1 = 14 + 44 + 63 + 391$
$512 := 1^1 + 1^8 + 22^2 + 26^1 = 11 + 18 + 222 + 261$	$512 := 1^5 + 4^4 + 15^2 + 30^1 = 15 + 44 + 152 + 301$
$512 := 1^1 + 2^7 + 7^3 + 40^1 = 11 + 27 + 73 + 401$	$512 := 1^6 + 5^3 + 19^2 + 25^1 = 16 + 53 + 192 + 251$
$512 := 1^2 + 1^7 + 22^2 + 26^1 = 12 + 17 + 222 + 261$	$512 := 1^7 + 13^2 + 18^1 + 18^2 = 17 + 132 + 181 + 182$
$512 := 1^3 + 1^6 + 22^2 + 26^1 = 13 + 16 + 222 + 261$	$512 := 1^7 + 7^2 + 21^1 + 21^2 = 17 + 72 + 211 + 212$

$512 := 1^8 + 10^1 + 17^1 + 22^2$	$= 18 + 101 + 171 + 222$	$512 := 1^0 + 1^4 + 1^5 + 22^2 + 25^1$	$= 10 + 14 + 15 + 222 + 251$
$512 := 1^8 + 11^1 + 16^1 + 22^2$	$= 18 + 111 + 161 + 222$	$512 := 1^0 + 1^6 + 5^3 + 19^2 + 24^1$	$= 10 + 16 + 53 + 192 + 241$
$512 := 1^8 + 12^1 + 15^1 + 22^2$	$= 18 + 121 + 151 + 222$	$512 := 1^0 + 1^7 + 13^2 + 17^1 + 18^2$	$= 10 + 17 + 132 + 171 + 182$
$512 := 1^8 + 13^1 + 14^1 + 22^2$	$= 18 + 131 + 141 + 222$	$512 := 1^0 + 1^7 + 7^2 + 20^1 + 21^2$	$= 10 + 17 + 72 + 201 + 212$
$512 := 1^8 + 2^1 + 22^2 + 25^1$	$= 18 + 21 + 222 + 251$	$512 := 1^0 + 1^8 + 10^1 + 16^1 + 22^2$	$= 10 + 18 + 101 + 161 + 222$
$512 := 1^8 + 3^1 + 22^2 + 24^1$	$= 18 + 31 + 222 + 241$	$512 := 1^0 + 1^8 + 11^1 + 15^1 + 22^2$	$= 10 + 18 + 111 + 151 + 222$
$512 := 1^8 + 4^1 + 22^2 + 23^1$	$= 18 + 41 + 222 + 231$	$512 := 1^0 + 1^8 + 12^1 + 14^1 + 22^2$	$= 10 + 18 + 121 + 141 + 222$
$512 := 1^8 + 5^1 + 22^1 + 22^2$	$= 18 + 51 + 221 + 222$	$512 := 1^0 + 1^8 + 13^1 + 13^1 + 22^2$	$= 10 + 18 + 131 + 131 + 222$
$512 := 1^8 + 6^1 + 21^1 + 22^2$	$= 18 + 61 + 211 + 222$	$512 := 1^0 + 1^8 + 2^1 + 22^2 + 24^1$	$= 10 + 18 + 21 + 222 + 241$
$512 := 1^8 + 7^1 + 20^1 + 22^2$	$= 18 + 71 + 201 + 222$	$512 := 1^0 + 1^8 + 3^1 + 22^2 + 23^1$	$= 10 + 18 + 31 + 222 + 231$
$512 := 1^8 + 8^1 + 19^1 + 22^2$	$= 18 + 81 + 191 + 222$	$512 := 1^0 + 1^8 + 4^1 + 22^1 + 22^2$	$= 10 + 18 + 41 + 221 + 222$
$512 := 1^8 + 9^1 + 18^1 + 22^2$	$= 18 + 91 + 181 + 222$	$512 := 1^0 + 1^8 + 5^1 + 21^1 + 22^2$	$= 10 + 18 + 51 + 211 + 222$
$512 := 2^1 + 2^7 + 7^3 + 39^1$	$= 21 + 27 + 73 + 391$	$512 := 1^0 + 1^8 + 5^2 + 21^0 + 22^2$	$= 10 + 18 + 52 + 210 + 222$
$512 := 2^7 + 3^1 + 7^3 + 38^1$	$= 27 + 31 + 73 + 381$	$512 := 1^0 + 1^8 + 6^1 + 20^1 + 22^2$	$= 10 + 18 + 61 + 201 + 222$
$512 := 2^7 + 4^1 + 7^3 + 37^1$	$= 27 + 41 + 73 + 371$	$512 := 1^0 + 1^8 + 7^1 + 19^1 + 22^2$	$= 10 + 18 + 71 + 191 + 222$
$512 := 2^7 + 5^1 + 7^3 + 36^1$	$= 27 + 51 + 73 + 361$	$512 := 1^0 + 1^8 + 8^1 + 18^1 + 22^2$	$= 10 + 18 + 81 + 181 + 222$
$512 := 2^7 + 6^1 + 7^3 + 35^1$	$= 27 + 61 + 73 + 351$	$512 := 1^0 + 1^8 + 9^1 + 17^1 + 22^2$	$= 10 + 18 + 91 + 171 + 222$
$512 := 2^7 + 6^2 + 18^2 + 24^1$	$= 27 + 62 + 182 + 241$	$512 := 1^0 + 2^7 + 6^2 + 18^2 + 23^1$	$= 10 + 27 + 62 + 182 + 231$
$512 := 2^7 + 7^1 + 7^3 + 34^1$	$= 27 + 71 + 73 + 341$	$512 := 1^0 + 2^7 + 7^3 + 13^1 + 27^1$	$= 10 + 27 + 73 + 131 + 271$
$512 := 2^7 + 7^3 + 10^1 + 31^1$	$= 27 + 73 + 101 + 311$	$512 := 1^0 + 2^7 + 7^3 + 14^1 + 26^1$	$= 10 + 27 + 73 + 141 + 261$
$512 := 2^7 + 7^3 + 11^1 + 30^1$	$= 27 + 73 + 111 + 301$	$512 := 1^0 + 2^7 + 7^3 + 15^1 + 25^1$	$= 10 + 27 + 73 + 151 + 251$
$512 := 2^7 + 7^3 + 12^1 + 29^1$	$= 27 + 73 + 121 + 291$	$512 := 1^0 + 2^7 + 7^3 + 16^1 + 24^1$	$= 10 + 27 + 73 + 161 + 241$
$512 := 2^7 + 7^3 + 13^1 + 28^1$	$= 27 + 73 + 131 + 281$	$512 := 1^0 + 2^7 + 7^3 + 17^1 + 23^1$	$= 10 + 27 + 73 + 171 + 231$
$512 := 2^7 + 7^3 + 14^1 + 27^1$	$= 27 + 73 + 141 + 271$	$512 := 1^0 + 2^7 + 7^3 + 18^1 + 22^1$	$= 10 + 27 + 73 + 181 + 221$
$512 := 2^7 + 7^3 + 15^1 + 26^1$	$= 27 + 73 + 151 + 261$	$512 := 1^0 + 2^7 + 7^3 + 19^1 + 21^1$	$= 10 + 27 + 73 + 191 + 211$
$512 := 2^7 + 7^3 + 16^1 + 25^1$	$= 27 + 73 + 161 + 251$	$512 := 1^0 + 2^7 + 7^3 + 20^1 + 20^1$	$= 10 + 27 + 73 + 201 + 201$
$512 := 2^7 + 7^3 + 17^1 + 24^1$	$= 27 + 73 + 171 + 241$	$512 := 1^1 + 1^1 + 1^7 + 22^2 + 25^1$	$= 11 + 11 + 17 + 222 + 251$
$512 := 2^7 + 7^3 + 18^1 + 23^1$	$= 27 + 73 + 181 + 231$	$512 := 1^1 + 1^2 + 1^6 + 22^2 + 25^1$	$= 11 + 12 + 16 + 222 + 251$
$512 := 2^7 + 7^3 + 19^1 + 22^1$	$= 27 + 73 + 191 + 221$	$512 := 1^1 + 1^3 + 1^5 + 22^2 + 25^1$	$= 11 + 13 + 15 + 222 + 251$
$512 := 2^7 + 7^3 + 20^1 + 21^1$	$= 27 + 73 + 201 + 211$	$512 := 1^1 + 1^4 + 1^4 + 22^2 + 25^1$	$= 11 + 14 + 14 + 222 + 251$
$512 := 2^7 + 7^3 + 8^1 + 33^1$	$= 27 + 73 + 81 + 331$	$512 := 1^1 + 1^5 + 5^3 + 19^2 + 24^1$	$= 11 + 15 + 53 + 192 + 241$
$512 := 2^7 + 7^3 + 9^1 + 32^1$	$= 27 + 73 + 91 + 321$	$512 := 1^1 + 1^6 + 13^2 + 17^1 + 18^2$	$= 11 + 16 + 132 + 171 + 182$
$512 := 2^8 + 3^0 + 6^3 + 39^1$	$= 28 + 30 + 63 + 391$	$512 := 1^1 + 1^6 + 7^2 + 20^1 + 21^2$	$= 11 + 16 + 72 + 201 + 212$
$512 := 3^5 + 3^5 + 5^2 + 39^0$	$= 35 + 35 + 52 + 390$	$512 := 1^1 + 1^7 + 10^1 + 16^1 + 22^2$	$= 11 + 17 + 101 + 161 + 222$
$512 := 1^0 + 1^0 + 1^9 + 22^2 + 25^1$	$= 10 + 10 + 19 + 222 + 251$	$512 := 1^1 + 1^7 + 11^1 + 15^1 + 22^2$	$= 11 + 17 + 111 + 151 + 222$
$512 := 1^0 + 1^1 + 1^8 + 22^2 + 25^1$	$= 10 + 11 + 18 + 222 + 251$	$512 := 1^1 + 1^7 + 12^1 + 14^1 + 22^2$	$= 11 + 17 + 121 + 141 + 222$
$512 := 1^0 + 1^2 + 1^7 + 22^2 + 25^1$	$= 10 + 12 + 17 + 222 + 251$	$512 := 1^1 + 1^7 + 13^1 + 13^1 + 22^2$	$= 11 + 17 + 131 + 131 + 222$
$512 := 1^0 + 1^3 + 1^6 + 22^2 + 25^1$	$= 10 + 13 + 16 + 222 + 251$	$512 := 1^1 + 1^7 + 2^1 + 22^2 + 24^1$	$= 11 + 17 + 21 + 222 + 241$

$$\begin{aligned}
 512 &:= 1^1 + 1^7 + 3^1 + 22^2 + 23^1 = 11 + 17 + 31 + 222 + 231 & 512 &:= 1^3 + 1^5 + 10^1 + 16^1 + 22^2 = 13 + 15 + 101 + 161 + 222 \\
 512 &:= 1^1 + 1^7 + 4^1 + 22^1 + 22^2 = 11 + 17 + 41 + 221 + 222 & 512 &:= 1^3 + 1^5 + 11^1 + 15^1 + 22^2 = 13 + 15 + 111 + 151 + 222 \\
 512 &:= 1^1 + 1^7 + 5^1 + 21^1 + 22^2 = 11 + 17 + 51 + 211 + 222 & 512 &:= 1^3 + 1^5 + 12^1 + 14^1 + 22^2 = 13 + 15 + 121 + 141 + 222 \\
 512 &:= 1^1 + 1^7 + 5^2 + 21^0 + 22^2 = 11 + 17 + 52 + 210 + 222 & 512 &:= 1^3 + 1^5 + 13^1 + 13^1 + 22^2 = 13 + 15 + 131 + 131 + 222 \\
 512 &:= 1^1 + 1^7 + 6^1 + 20^1 + 22^2 = 11 + 17 + 61 + 201 + 222 & 512 &:= 1^3 + 1^5 + 2^1 + 22^2 + 24^1 = 13 + 15 + 21 + 222 + 241 \\
 512 &:= 1^1 + 1^7 + 7^1 + 19^1 + 22^2 = 11 + 17 + 71 + 191 + 222 & 512 &:= 1^3 + 1^5 + 3^1 + 22^2 + 23^1 = 13 + 15 + 31 + 222 + 231 \\
 512 &:= 1^1 + 1^7 + 8^1 + 18^1 + 22^2 = 11 + 17 + 81 + 181 + 222 & 512 &:= 1^3 + 1^5 + 4^1 + 22^1 + 22^2 = 13 + 15 + 41 + 221 + 222 \\
 512 &:= 1^1 + 1^7 + 9^1 + 17^1 + 22^2 = 11 + 17 + 91 + 171 + 222 & 512 &:= 1^3 + 1^5 + 5^1 + 21^1 + 22^2 = 13 + 15 + 51 + 211 + 222 \\
 512 &:= 1^1 + 2^6 + 5^2 + 20^2 + 22^1 = 11 + 26 + 52 + 202 + 221 & 512 &:= 1^3 + 1^5 + 5^2 + 21^0 + 22^2 = 13 + 15 + 52 + 210 + 222 \\
 512 &:= 1^1 + 3^4 + 3^4 + 18^2 + 25^1 = 11 + 34 + 34 + 182 + 251 & 512 &:= 1^3 + 1^5 + 6^1 + 20^1 + 22^2 = 13 + 15 + 61 + 201 + 222 \\
 512 &:= 1^1 + 3^5 + 3^5 + 19^0 + 24^1 = 11 + 35 + 35 + 190 + 241 & 512 &:= 1^3 + 1^5 + 7^1 + 19^1 + 22^2 = 13 + 15 + 71 + 191 + 222 \\
 512 &:= 1^2 + 1^2 + 1^5 + 22^2 + 25^1 = 12 + 12 + 15 + 222 + 251 & 512 &:= 1^3 + 1^5 + 8^1 + 18^1 + 22^2 = 13 + 15 + 81 + 181 + 222 \\
 512 &:= 1^2 + 1^3 + 1^4 + 22^2 + 25^1 = 12 + 13 + 14 + 222 + 251 & 512 &:= 1^3 + 1^5 + 9^1 + 17^1 + 22^2 = 13 + 15 + 91 + 171 + 222 \\
 512 &:= 1^2 + 1^4 + 5^3 + 19^2 + 24^1 = 12 + 14 + 53 + 192 + 241 & 512 &:= 1^3 + 2^6 + 5^1 + 21^0 + 21^2 = 13 + 26 + 51 + 210 + 212 \\
 512 &:= 1^2 + 1^5 + 13^2 + 17^1 + 18^2 = 12 + 15 + 132 + 171 + 182 & 512 &:= 1^3 + 3^4 + 7^2 + 19^2 + 20^1 = 13 + 34 + 72 + 192 + 201 \\
 512 &:= 1^2 + 1^5 + 7^2 + 20^1 + 21^2 = 12 + 15 + 72 + 201 + 212 & 512 &:= 1^3 + 4^3 + 4^3 + 19^2 + 22^1 = 13 + 43 + 43 + 192 + 221 \\
 512 &:= 1^2 + 1^6 + 10^1 + 16^1 + 22^2 = 12 + 16 + 101 + 161 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 12^1 + 27^1 = 13 + 44 + 63 + 121 + 271 \\
 512 &:= 1^2 + 1^6 + 11^1 + 15^1 + 22^2 = 12 + 16 + 111 + 151 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 13^1 + 26^1 = 13 + 44 + 63 + 131 + 261 \\
 512 &:= 1^2 + 1^6 + 12^1 + 14^1 + 22^2 = 12 + 16 + 121 + 141 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 14^1 + 25^1 = 13 + 44 + 63 + 141 + 251 \\
 512 &:= 1^2 + 1^6 + 13^1 + 13^1 + 22^2 = 12 + 16 + 131 + 131 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 15^1 + 24^1 = 13 + 44 + 63 + 151 + 241 \\
 512 &:= 1^2 + 1^6 + 2^1 + 22^2 + 24^1 = 12 + 16 + 21 + 222 + 241 & 512 &:= 1^3 + 4^4 + 6^3 + 16^1 + 23^1 = 13 + 44 + 63 + 161 + 231 \\
 512 &:= 1^2 + 1^6 + 3^1 + 22^2 + 23^1 = 12 + 16 + 31 + 222 + 231 & 512 &:= 1^3 + 4^4 + 6^3 + 17^1 + 22^1 = 13 + 44 + 63 + 171 + 221 \\
 512 &:= 1^2 + 1^6 + 4^1 + 22^1 + 22^2 = 12 + 16 + 41 + 221 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 18^1 + 21^1 = 13 + 44 + 63 + 181 + 211 \\
 512 &:= 1^2 + 1^6 + 5^1 + 21^1 + 22^2 = 12 + 16 + 51 + 211 + 222 & 512 &:= 1^3 + 4^4 + 6^3 + 19^1 + 20^1 = 13 + 44 + 63 + 191 + 201 \\
 512 &:= 1^2 + 1^6 + 5^2 + 21^0 + 22^2 = 12 + 16 + 52 + 210 + 222 & 512 &:= 1^3 + 5^3 + 6^3 + 12^2 + 26^1 = 13 + 53 + 63 + 122 + 261 \\
 512 &:= 1^2 + 1^6 + 6^1 + 20^1 + 22^2 = 12 + 16 + 61 + 201 + 222 & 512 &:= 1^4 + 1^4 + 10^1 + 16^1 + 22^2 = 14 + 14 + 101 + 161 + 222 \\
 512 &:= 1^2 + 1^6 + 7^1 + 19^1 + 22^2 = 12 + 16 + 71 + 191 + 222 & 512 &:= 1^4 + 1^4 + 11^1 + 15^1 + 22^2 = 14 + 14 + 111 + 151 + 222 \\
 512 &:= 1^2 + 1^6 + 8^1 + 18^1 + 22^2 = 12 + 16 + 81 + 181 + 222 & 512 &:= 1^4 + 1^4 + 12^1 + 14^1 + 22^2 = 14 + 14 + 121 + 141 + 222 \\
 512 &:= 1^2 + 1^6 + 9^1 + 17^1 + 22^2 = 12 + 16 + 91 + 171 + 222 & 512 &:= 1^4 + 1^4 + 13^1 + 13^1 + 22^2 = 14 + 14 + 131 + 131 + 222 \\
 512 &:= 1^2 + 2^5 + 10^2 + 18^1 + 19^2 = 12 + 25 + 102 + 181 + 192 & 512 &:= 1^4 + 1^4 + 2^1 + 22^2 + 24^1 = 14 + 14 + 21 + 222 + 241 \\
 512 &:= 1^2 + 2^5 + 4^2 + 21^2 + 22^1 = 12 + 25 + 42 + 212 + 221 & 512 &:= 1^4 + 1^4 + 3^1 + 22^2 + 23^1 = 14 + 14 + 31 + 222 + 231 \\
 512 &:= 1^2 + 2^7 + 7^0 + 19^2 + 21^1 = 12 + 27 + 70 + 192 + 211 & 512 &:= 1^4 + 1^4 + 4^1 + 22^1 + 22^2 = 14 + 14 + 41 + 221 + 222 \\
 512 &:= 1^2 + 3^5 + 10^2 + 12^2 + 24^1 = 12 + 35 + 102 + 122 + 241 & 512 &:= 1^4 + 1^4 + 5^1 + 21^1 + 22^2 = 14 + 14 + 51 + 211 + 222 \\
 512 &:= 1^2 + 3^5 + 4^2 + 15^2 + 27^1 = 12 + 35 + 42 + 152 + 271 & 512 &:= 1^4 + 1^4 + 5^2 + 21^0 + 22^2 = 14 + 14 + 52 + 210 + 222 \\
 512 &:= 1^3 + 1^3 + 1^3 + 22^2 + 25^1 = 13 + 13 + 13 + 222 + 251 & 512 &:= 1^4 + 1^4 + 6^1 + 20^1 + 22^2 = 14 + 14 + 61 + 201 + 222 \\
 512 &:= 1^3 + 1^3 + 5^3 + 19^2 + 24^1 = 13 + 13 + 53 + 192 + 241 & 512 &:= 1^4 + 1^4 + 7^1 + 19^1 + 22^2 = 14 + 14 + 71 + 191 + 222 \\
 512 &:= 1^3 + 1^4 + 13^2 + 17^1 + 18^2 = 13 + 14 + 132 + 171 + 182 & 512 &:= 1^4 + 1^4 + 8^1 + 18^1 + 22^2 = 14 + 14 + 81 + 181 + 222 \\
 512 &:= 1^3 + 1^4 + 7^2 + 20^1 + 21^2 = 13 + 14 + 72 + 201 + 212 & 512 &:= 1^4 + 1^4 + 9^1 + 17^1 + 22^2 = 14 + 14 + 91 + 171 + 222
 \end{aligned}$$

$$\begin{aligned}
 512 &:= 1^4 + 3^1 + 4^4 + 15^2 + 27^1 = 14 + 31 + 44 + 152 + 271 & 512 &:= 1^6 + 2^1 + 7^2 + 19^1 + 21^2 = 16 + 21 + 72 + 191 + 212 \\
 512 &:= 1^4 + 3^3 + 12^2 + 16^1 + 18^2 = 14 + 33 + 122 + 161 + 182 & 512 &:= 1^6 + 2^3 + 7^0 + 18^1 + 22^2 = 16 + 23 + 70 + 181 + 222 \\
 512 &:= 1^4 + 3^5 + 11^1 + 16^2 + 19^0 = 14 + 35 + 111 + 162 + 190 & 512 &:= 1^6 + 3^1 + 13^2 + 15^1 + 18^2 = 16 + 31 + 132 + 151 + 182 \\
 512 &:= 1^4 + 4^1 + 4^4 + 15^2 + 26^1 = 14 + 41 + 44 + 152 + 261 & 512 &:= 1^6 + 3^1 + 7^2 + 18^1 + 21^2 = 16 + 31 + 72 + 181 + 212 \\
 512 &:= 1^4 + 4^2 + 6^3 + 16^2 + 23^1 = 14 + 42 + 63 + 162 + 231 & 512 &:= 1^6 + 4^1 + 13^2 + 14^1 + 18^2 = 16 + 41 + 132 + 141 + 182 \\
 512 &:= 1^4 + 4^4 + 10^1 + 15^2 + 20^1 = 14 + 44 + 101 + 152 + 201 & 512 &:= 1^6 + 4^1 + 7^2 + 17^1 + 21^2 = 16 + 41 + 72 + 171 + 212 \\
 512 &:= 1^4 + 4^4 + 11^1 + 15^2 + 19^1 = 14 + 44 + 111 + 152 + 191 & 512 &:= 1^6 + 4^3 + 5^1 + 19^0 + 21^2 = 16 + 43 + 51 + 190 + 212 \\
 512 &:= 1^4 + 4^4 + 12^1 + 15^2 + 18^1 = 14 + 44 + 121 + 152 + 181 & 512 &:= 1^6 + 5^1 + 13^1 + 13^2 + 18^2 = 16 + 51 + 131 + 132 + 182 \\
 512 &:= 1^4 + 4^4 + 13^1 + 15^2 + 17^1 = 14 + 44 + 131 + 152 + 171 & 512 &:= 1^6 + 5^1 + 6^3 + 17^2 + 21^0 = 16 + 51 + 63 + 172 + 210 \\
 512 &:= 1^4 + 4^4 + 14^1 + 15^2 + 16^1 = 14 + 44 + 141 + 152 + 161 & 512 &:= 1^6 + 5^1 + 7^2 + 16^1 + 21^2 = 16 + 51 + 72 + 161 + 212 \\
 512 &:= 1^4 + 4^4 + 15^1 + 15^1 + 15^2 = 14 + 44 + 151 + 151 + 152 & 512 &:= 1^6 + 5^2 + 13^0 + 14^2 + 17^2 = 16 + 52 + 130 + 142 + 172 \\
 512 &:= 1^4 + 4^4 + 5^1 + 15^2 + 25^1 = 14 + 44 + 51 + 152 + 251 & 512 &:= 1^6 + 6^1 + 12^1 + 13^2 + 18^2 = 16 + 61 + 121 + 132 + 182 \\
 512 &:= 1^4 + 4^4 + 6^1 + 15^2 + 24^1 = 14 + 44 + 61 + 152 + 241 & 512 &:= 1^6 + 6^1 + 7^2 + 15^1 + 21^2 = 16 + 61 + 72 + 151 + 212 \\
 512 &:= 1^4 + 4^4 + 7^1 + 15^2 + 23^1 = 14 + 44 + 71 + 152 + 231 & 512 &:= 1^6 + 7^0 + 7^3 + 12^2 + 23^1 = 16 + 70 + 73 + 122 + 231 \\
 512 &:= 1^4 + 4^4 + 8^1 + 15^2 + 22^1 = 14 + 44 + 81 + 152 + 221 & 512 &:= 1^6 + 7^1 + 11^1 + 13^2 + 18^2 = 16 + 71 + 111 + 132 + 182 \\
 512 &:= 1^4 + 4^4 + 9^1 + 15^2 + 21^1 = 14 + 44 + 91 + 152 + 211 & 512 &:= 1^6 + 7^1 + 7^2 + 14^1 + 21^2 = 16 + 71 + 72 + 141 + 212 \\
 512 &:= 1^4 + 5^3 + 12^2 + 15^2 + 17^1 = 14 + 53 + 122 + 152 + 171 & 512 &:= 1^6 + 7^2 + 10^1 + 11^1 + 21^2 = 16 + 72 + 101 + 111 + 212 \\
 512 &:= 1^4 + 5^3 + 6^3 + 13^2 + 25^0 = 14 + 53 + 63 + 132 + 250 & 512 &:= 1^6 + 7^2 + 10^2 + 13^0 + 19^2 = 16 + 72 + 102 + 130 + 192 \\
 512 &:= 1^4 + 6^3 + 7^2 + 15^2 + 21^1 = 14 + 63 + 72 + 152 + 211 & 512 &:= 1^6 + 7^2 + 8^1 + 13^1 + 21^2 = 16 + 72 + 81 + 131 + 212 \\
 512 &:= 1^5 + 10^2 + 11^1 + 12^2 + 16^2 = 15 + 102 + 111 + 122 + 162 & 512 &:= 1^6 + 7^2 + 9^1 + 12^1 + 21^2 = 16 + 72 + 91 + 121 + 212 \\
 512 &:= 1^5 + 2^1 + 5^3 + 19^2 + 23^1 = 15 + 21 + 53 + 192 + 231 & 512 &:= 1^6 + 8^1 + 10^1 + 13^2 + 18^2 = 16 + 81 + 101 + 132 + 182 \\
 512 &:= 1^5 + 2^4 + 10^1 + 15^0 + 22^2 = 15 + 24 + 101 + 150 + 222 & 512 &:= 1^6 + 9^1 + 9^1 + 13^2 + 18^2 = 16 + 91 + 91 + 132 + 182 \\
 512 &:= 1^5 + 3^1 + 5^3 + 19^2 + 22^1 = 15 + 31 + 53 + 192 + 221 & 512 &:= 1^7 + 2^1 + 10^1 + 15^1 + 22^2 = 17 + 21 + 101 + 151 + 222 \\
 512 &:= 1^5 + 4^1 + 5^3 + 19^2 + 21^1 = 15 + 41 + 53 + 192 + 211 & 512 &:= 1^7 + 2^1 + 11^1 + 14^1 + 22^2 = 17 + 21 + 111 + 141 + 222 \\
 512 &:= 1^5 + 4^2 + 14^1 + 15^2 + 16^2 = 15 + 42 + 141 + 152 + 162 & 512 &:= 1^7 + 2^1 + 12^1 + 13^1 + 22^2 = 17 + 21 + 121 + 131 + 222 \\
 512 &:= 1^5 + 4^2 + 6^2 + 18^1 + 21^2 = 15 + 42 + 62 + 181 + 212 & 512 &:= 1^7 + 2^1 + 2^1 + 22^2 + 23^1 = 17 + 21 + 21 + 222 + 231 \\
 512 &:= 1^5 + 5^1 + 5^3 + 19^2 + 20^1 = 15 + 51 + 53 + 192 + 201 & 512 &:= 1^7 + 2^1 + 3^1 + 22^1 + 22^2 = 17 + 21 + 31 + 221 + 222 \\
 512 &:= 1^5 + 5^3 + 10^1 + 15^1 + 19^2 = 15 + 53 + 101 + 151 + 192 & 512 &:= 1^7 + 2^1 + 4^1 + 21^1 + 22^2 = 17 + 21 + 41 + 211 + 222 \\
 512 &:= 1^5 + 5^3 + 11^1 + 14^1 + 19^2 = 15 + 53 + 111 + 141 + 192 & 512 &:= 1^7 + 2^1 + 5^1 + 20^1 + 22^2 = 17 + 21 + 51 + 201 + 222 \\
 512 &:= 1^5 + 5^3 + 12^1 + 13^1 + 19^2 = 15 + 53 + 121 + 131 + 192 & 512 &:= 1^7 + 2^1 + 6^1 + 19^1 + 22^2 = 17 + 21 + 61 + 191 + 222 \\
 512 &:= 1^5 + 5^3 + 6^1 + 19^1 + 19^2 = 15 + 53 + 61 + 191 + 192 & 512 &:= 1^7 + 2^1 + 7^1 + 18^1 + 22^2 = 17 + 21 + 71 + 181 + 222 \\
 512 &:= 1^5 + 5^3 + 7^1 + 18^1 + 19^2 = 15 + 53 + 71 + 181 + 192 & 512 &:= 1^7 + 2^1 + 8^1 + 17^1 + 22^2 = 17 + 21 + 81 + 171 + 222 \\
 512 &:= 1^5 + 5^3 + 8^1 + 17^1 + 19^2 = 15 + 53 + 81 + 171 + 192 & 512 &:= 1^7 + 2^1 + 9^1 + 16^1 + 22^2 = 17 + 21 + 91 + 161 + 222 \\
 512 &:= 1^5 + 5^3 + 9^1 + 16^1 + 19^2 = 15 + 53 + 91 + 161 + 192 & 512 &:= 1^7 + 2^2 + 3^0 + 22^1 + 22^2 = 17 + 22 + 30 + 221 + 222 \\
 512 &:= 1^5 + 6^2 + 10^2 + 14^1 + 19^2 = 15 + 62 + 102 + 141 + 192 & 512 &:= 1^7 + 3^1 + 10^1 + 14^1 + 22^2 = 17 + 31 + 101 + 141 + 222 \\
 512 &:= 1^5 + 7^2 + 12^1 + 15^2 + 15^2 = 15 + 72 + 121 + 152 + 152 & 512 &:= 1^7 + 3^1 + 11^1 + 13^1 + 22^2 = 17 + 31 + 111 + 131 + 222 \\
 512 &:= 1^6 + 10^2 + 11^0 + 11^2 + 17^2 = 16 + 102 + 110 + 112 + 172 & 512 &:= 1^7 + 3^1 + 12^1 + 12^1 + 22^2 = 17 + 31 + 121 + 121 + 222 \\
 512 &:= 1^6 + 2^1 + 13^2 + 16^1 + 18^2 = 16 + 21 + 132 + 161 + 182 & 512 &:= 1^7 + 3^1 + 3^1 + 21^1 + 22^2 = 17 + 31 + 31 + 211 + 222
 \end{aligned}$$

$512 := 1^7 + 3^1 + 4^1 + 20^1 + 22^2 = 17 + 31 + 41 + 201 + 222$	$512 := 1^8 + 2^0 + 5^2 + 20^0 + 22^2 = 18 + 20 + 52 + 200 + 222$
$512 := 1^7 + 3^1 + 5^1 + 19^1 + 22^2 = 17 + 31 + 51 + 191 + 222$	$512 := 1^8 + 3^0 + 5^2 + 19^0 + 22^2 = 18 + 30 + 52 + 190 + 222$
$512 := 1^7 + 3^1 + 6^1 + 18^1 + 22^2 = 17 + 31 + 61 + 181 + 222$	$512 := 1^8 + 4^0 + 5^2 + 18^0 + 22^2 = 18 + 40 + 52 + 180 + 222$
$512 := 1^7 + 3^1 + 7^1 + 17^1 + 22^2 = 17 + 31 + 71 + 171 + 222$	$512 := 1^8 + 5^0 + 5^2 + 17^0 + 22^2 = 18 + 50 + 52 + 170 + 222$
$512 := 1^7 + 3^1 + 8^1 + 16^1 + 22^2 = 17 + 31 + 81 + 161 + 222$	$512 := 1^8 + 5^2 + 10^0 + 12^0 + 22^2 = 18 + 52 + 100 + 120 + 222$
$512 := 1^7 + 3^1 + 9^1 + 15^1 + 22^2 = 17 + 31 + 91 + 151 + 222$	$512 := 1^8 + 5^2 + 11^0 + 11^0 + 22^2 = 18 + 52 + 110 + 110 + 222$
$512 := 1^7 + 3^2 + 7^0 + 17^1 + 22^2 = 17 + 32 + 70 + 171 + 222$	$512 := 1^8 + 5^2 + 6^0 + 16^0 + 22^2 = 18 + 52 + 60 + 160 + 222$
$512 := 1^7 + 4^1 + 10^1 + 13^1 + 22^2 = 17 + 41 + 101 + 131 + 222$	$512 := 1^8 + 5^2 + 7^0 + 15^0 + 22^2 = 18 + 52 + 70 + 150 + 222$
$512 := 1^7 + 4^1 + 11^1 + 12^1 + 22^2 = 17 + 41 + 111 + 121 + 222$	$512 := 1^8 + 5^2 + 8^0 + 14^0 + 22^2 = 18 + 52 + 80 + 140 + 222$
$512 := 1^7 + 4^1 + 4^1 + 19^1 + 22^2 = 17 + 41 + 41 + 191 + 222$	$512 := 1^8 + 5^2 + 9^0 + 13^0 + 22^2 = 18 + 52 + 90 + 130 + 222$
$512 := 1^7 + 4^1 + 5^1 + 18^1 + 22^2 = 17 + 41 + 51 + 181 + 222$	$512 := 1^9 + 1^9 + 5^2 + 20^0 + 22^2 = 19 + 19 + 52 + 200 + 222$
$512 := 1^7 + 4^1 + 6^1 + 17^1 + 22^2 = 17 + 41 + 61 + 171 + 222$	$512 := 2^1 + 2^6 + 5^2 + 20^2 + 21^1 = 21 + 26 + 52 + 202 + 211$
$512 := 1^7 + 4^1 + 7^1 + 16^1 + 22^2 = 17 + 41 + 71 + 161 + 222$	$512 := 2^1 + 3^4 + 3^4 + 18^2 + 24^1 = 21 + 34 + 34 + 182 + 241$
$512 := 1^7 + 4^1 + 8^1 + 15^1 + 22^2 = 17 + 41 + 81 + 151 + 222$	$512 := 2^1 + 3^5 + 3^5 + 19^0 + 23^1 = 21 + 35 + 35 + 190 + 231$
$512 := 1^7 + 4^1 + 9^1 + 14^1 + 22^2 = 17 + 41 + 91 + 141 + 222$	$512 := 2^2 + 2^3 + 3^5 + 16^2 + 27^0 = 22 + 23 + 35 + 162 + 270$
$512 := 1^7 + 4^2 + 10^1 + 13^0 + 22^2 = 17 + 42 + 101 + 130 + 222$	$512 := 2^2 + 2^7 + 9^0 + 18^1 + 19^2 = 22 + 27 + 90 + 181 + 192$
$512 := 1^7 + 5^1 + 10^1 + 12^1 + 22^2 = 17 + 51 + 101 + 121 + 222$	$512 := 2^2 + 3^5 + 11^2 + 11^2 + 23^1 = 22 + 35 + 112 + 112 + 231$
$512 := 1^7 + 5^1 + 11^1 + 11^1 + 22^2 = 17 + 51 + 111 + 111 + 222$	$512 := 2^3 + 2^3 + 6^3 + 16^2 + 24^1 = 23 + 23 + 63 + 162 + 241$
$512 := 1^7 + 5^1 + 12^2 + 13^0 + 19^2 = 17 + 51 + 122 + 130 + 192$	$512 := 2^3 + 2^4 + 7^3 + 12^2 + 27^0 = 23 + 24 + 73 + 122 + 270$
$512 := 1^7 + 5^1 + 5^1 + 17^1 + 22^2 = 17 + 51 + 51 + 171 + 222$	$512 := 2^3 + 3^4 + 9^2 + 18^1 + 18^2 = 23 + 34 + 92 + 181 + 182$
$512 := 1^7 + 5^1 + 6^1 + 16^1 + 22^2 = 17 + 51 + 61 + 161 + 222$	$512 := 2^3 + 3^5 + 8^2 + 14^2 + 23^0 = 23 + 35 + 82 + 142 + 230$
$512 := 1^7 + 5^1 + 7^1 + 15^1 + 22^2 = 17 + 51 + 71 + 151 + 222$	$512 := 2^3 + 4^4 + 9^2 + 12^2 + 23^1 = 23 + 44 + 92 + 122 + 231$
$512 := 1^7 + 5^1 + 8^1 + 14^1 + 22^2 = 17 + 51 + 81 + 141 + 222$	$512 := 2^4 + 2^5 + 3^0 + 21^2 + 22^1 = 24 + 25 + 30 + 212 + 221$
$512 := 1^7 + 5^1 + 8^2 + 15^0 + 21^2 = 17 + 51 + 82 + 150 + 212$	$512 := 2^4 + 3^0 + 3^5 + 15^2 + 27^1 = 24 + 30 + 35 + 152 + 271$
$512 := 1^7 + 5^1 + 9^1 + 13^1 + 22^2 = 17 + 51 + 91 + 131 + 222$	$512 := 2^4 + 3^3 + 3^3 + 21^0 + 21^2 = 24 + 33 + 33 + 210 + 212$
$512 := 1^7 + 6^1 + 10^1 + 11^1 + 22^2 = 17 + 61 + 101 + 111 + 222$	$512 := 2^4 + 4^4 + 6^3 + 15^0 + 23^1 = 24 + 44 + 63 + 150 + 231$
$512 := 1^7 + 6^1 + 6^1 + 15^1 + 22^2 = 17 + 61 + 61 + 151 + 222$	$512 := 2^4 + 5^3 + 8^2 + 17^2 + 18^1 = 24 + 53 + 82 + 172 + 181$
$512 := 1^7 + 6^1 + 7^1 + 14^1 + 22^2 = 17 + 61 + 71 + 141 + 222$	$512 := 2^4 + 6^3 + 8^2 + 14^2 + 20^1 = 24 + 63 + 82 + 142 + 201$
$512 := 1^7 + 6^1 + 8^1 + 13^1 + 22^2 = 17 + 61 + 81 + 131 + 222$	$512 := 2^4 + 7^3 + 8^2 + 8^2 + 25^1 = 24 + 73 + 82 + 82 + 251$
$512 := 1^7 + 6^1 + 9^1 + 12^1 + 22^2 = 17 + 61 + 91 + 121 + 222$	$512 := 2^5 + 10^2 + 11^1 + 12^2 + 15^2 = 25 + 102 + 111 + 122 + 152$
$512 := 1^7 + 7^1 + 10^1 + 10^1 + 22^2 = 17 + 71 + 101 + 101 + 222$	$512 := 2^5 + 3^0 + 4^4 + 14^2 + 27^1 = 25 + 30 + 44 + 142 + 271$
$512 := 1^7 + 7^1 + 7^1 + 13^1 + 22^2 = 17 + 71 + 71 + 131 + 222$	$512 := 2^5 + 3^2 + 3^2 + 21^1 + 21^2 = 25 + 32 + 32 + 211 + 212$
$512 := 1^7 + 7^1 + 8^1 + 12^1 + 22^2 = 17 + 71 + 81 + 121 + 222$	$512 := 2^5 + 3^3 + 14^2 + 15^0 + 16^2 = 25 + 33 + 142 + 150 + 162$
$512 := 1^7 + 7^1 + 9^1 + 11^1 + 22^2 = 17 + 71 + 91 + 111 + 222$	$512 := 2^5 + 4^2 + 14^1 + 15^2 + 15^2 = 25 + 42 + 141 + 152 + 152$
$512 := 1^7 + 8^1 + 8^1 + 11^1 + 22^2 = 17 + 81 + 81 + 111 + 222$	$512 := 2^5 + 5^3 + 7^3 + 11^1 + 25^0 = 25 + 53 + 73 + 111 + 250$
$512 := 1^7 + 8^1 + 9^1 + 10^1 + 22^2 = 17 + 81 + 91 + 101 + 222$	$512 := 2^5 + 6^2 + 7^3 + 10^2 + 25^0 = 25 + 62 + 73 + 102 + 250$
$512 := 1^7 + 9^0 + 10^1 + 10^2 + 20^2 = 17 + 90 + 101 + 102 + 202$	$512 := 2^6 + 3^0 + 4^3 + 19^2 + 22^1 = 26 + 30 + 43 + 192 + 221$
$512 := 1^7 + 9^1 + 9^1 + 9^1 + 22^2 = 17 + 91 + 91 + 91 + 222$	$512 := 2^6 + 3^1 + 5^2 + 20^1 + 20^2 = 26 + 31 + 52 + 201 + 202$

$$\begin{aligned} 512 &:= 2^6 + 3^3 + 5^0 + 20^1 + 20^2 = 26 + 33 + 50 + 201 + 202 & 512 &:= 3^4 + 3^4 + 10^1 + 16^1 + 18^2 = 34 + 34 + 101 + 161 + 182 \\ 512 &:= 2^6 + 4^1 + 5^2 + 19^1 + 20^2 = 26 + 41 + 52 + 191 + 202 & 512 &:= 3^4 + 3^4 + 11^1 + 15^1 + 18^2 = 34 + 34 + 111 + 151 + 182 \\ 512 &:= 2^6 + 4^1 + 7^3 + 10^2 + 27^0 = 26 + 41 + 73 + 102 + 270 & 512 &:= 3^4 + 3^4 + 12^1 + 14^1 + 18^2 = 34 + 34 + 121 + 141 + 182 \\ 512 &:= 2^6 + 5^1 + 5^2 + 18^1 + 20^2 = 26 + 51 + 52 + 181 + 202 & 512 &:= 3^4 + 3^4 + 13^1 + 13^1 + 18^2 = 34 + 34 + 131 + 131 + 182 \\ 512 &:= 2^6 + 5^2 + 10^1 + 13^1 + 20^2 = 26 + 52 + 101 + 131 + 202 & 512 &:= 3^4 + 3^4 + 4^1 + 18^2 + 22^1 = 34 + 34 + 41 + 182 + 221 \\ 512 &:= 2^6 + 5^2 + 11^1 + 12^1 + 20^2 = 26 + 52 + 111 + 121 + 202 & 512 &:= 3^4 + 3^4 + 5^1 + 18^2 + 21^1 = 34 + 34 + 51 + 182 + 211 \\ 512 &:= 2^6 + 5^2 + 6^1 + 17^1 + 20^2 = 26 + 52 + 61 + 171 + 202 & 512 &:= 3^4 + 3^4 + 5^2 + 18^2 + 21^0 = 34 + 34 + 52 + 182 + 210 \\ 512 &:= 2^6 + 5^2 + 7^1 + 16^1 + 20^2 = 26 + 52 + 71 + 161 + 202 & 512 &:= 3^4 + 3^4 + 6^1 + 18^2 + 20^1 = 34 + 34 + 61 + 182 + 201 \\ 512 &:= 2^6 + 5^2 + 8^1 + 15^1 + 20^2 = 26 + 52 + 81 + 151 + 202 & 512 &:= 3^4 + 3^4 + 7^1 + 18^2 + 19^1 = 34 + 34 + 71 + 182 + 191 \\ 512 &:= 2^6 + 5^2 + 9^1 + 14^1 + 20^2 = 26 + 52 + 91 + 141 + 202 & 512 &:= 3^4 + 3^4 + 8^1 + 18^1 + 18^2 = 34 + 34 + 81 + 181 + 182 \\ 512 &:= 2^6 + 6^1 + 6^3 + 15^2 + 21^0 = 26 + 61 + 63 + 152 + 210 & 512 &:= 3^4 + 3^4 + 9^1 + 17^1 + 18^2 = 34 + 34 + 91 + 171 + 182 \\ 512 &:= 2^6 + 7^3 + 9^0 + 9^2 + 23^1 = 26 + 73 + 90 + 92 + 231 & 512 &:= 3^4 + 3^5 + 13^0 + 13^2 + 18^1 = 34 + 35 + 130 + 132 + 181 \\ 512 &:= 2^7 + 3^0 + 13^2 + 14^2 + 18^1 = 27 + 30 + 132 + 142 + 181 & 512 &:= 3^4 + 4^1 + 4^4 + 12^2 + 27^1 = 34 + 41 + 44 + 122 + 271 \\ 512 &:= 2^7 + 3^2 + 13^0 + 13^1 + 19^2 = 27 + 32 + 130 + 131 + 192 & 512 &:= 3^4 + 4^4 + 10^1 + 12^2 + 21^1 = 34 + 44 + 101 + 122 + 211 \\ 512 &:= 2^7 + 4^2 + 6^1 + 19^0 + 19^2 = 27 + 42 + 61 + 190 + 192 & 512 &:= 3^4 + 4^4 + 11^1 + 12^2 + 20^1 = 34 + 44 + 111 + 122 + 201 \\ 512 &:= 2^7 + 6^1 + 11^2 + 15^0 + 16^2 = 27 + 61 + 112 + 150 + 162 & 512 &:= 3^4 + 4^4 + 12^1 + 12^2 + 19^1 = 34 + 44 + 121 + 122 + 191 \\ 512 &:= 2^7 + 7^0 + 12^2 + 14^1 + 15^2 = 27 + 70 + 122 + 141 + 152 & 512 &:= 3^4 + 4^4 + 12^2 + 13^1 + 18^1 = 34 + 44 + 122 + 131 + 181 \\ 512 &:= 2^7 + 7^2 + 10^1 + 13^0 + 18^2 = 27 + 72 + 101 + 130 + 182 & 512 &:= 3^4 + 4^4 + 12^2 + 14^1 + 17^1 = 34 + 44 + 122 + 141 + 171 \\ 512 &:= 2^7 + 9^0 + 9^2 + 13^1 + 17^2 = 27 + 90 + 92 + 131 + 172 & 512 &:= 3^4 + 4^4 + 12^2 + 15^1 + 16^1 = 34 + 44 + 122 + 151 + 161 \\ 512 &:= 2^8 + 3^0 + 10^1 + 15^2 + 20^1 = 28 + 30 + 101 + 152 + 201 & 512 &:= 3^4 + 4^4 + 5^1 + 12^2 + 26^1 = 34 + 44 + 51 + 122 + 261 \\ 512 &:= 2^8 + 3^0 + 11^1 + 15^2 + 19^1 = 28 + 30 + 111 + 152 + 191 & 512 &:= 3^4 + 4^4 + 6^1 + 12^2 + 25^1 = 34 + 44 + 61 + 122 + 251 \\ 512 &:= 2^8 + 3^0 + 12^1 + 15^2 + 18^1 = 28 + 30 + 121 + 152 + 181 & 512 &:= 3^4 + 4^4 + 7^1 + 12^2 + 24^1 = 34 + 44 + 71 + 122 + 241 \\ 512 &:= 2^8 + 3^0 + 13^1 + 15^2 + 17^1 = 28 + 30 + 131 + 152 + 171 & 512 &:= 3^4 + 4^4 + 8^1 + 12^2 + 23^1 = 34 + 44 + 81 + 122 + 231 \\ 512 &:= 2^8 + 3^0 + 14^1 + 15^2 + 16^1 = 28 + 30 + 141 + 152 + 161 & 512 &:= 3^4 + 4^4 + 9^1 + 12^2 + 22^1 = 34 + 44 + 91 + 122 + 221 \\ 512 &:= 2^8 + 3^0 + 15^1 + 15^1 + 15^2 = 28 + 30 + 151 + 151 + 152 & 512 &:= 3^4 + 5^3 + 12^2 + 12^2 + 18^1 = 34 + 53 + 122 + 122 + 181 \\ 512 &:= 2^8 + 3^0 + 3^1 + 15^2 + 27^1 = 28 + 30 + 31 + 152 + 271 & 512 &:= 3^4 + 6^3 + 7^2 + 12^2 + 22^1 = 34 + 63 + 72 + 122 + 221 \\ 512 &:= 2^8 + 3^0 + 4^1 + 15^2 + 26^1 = 28 + 30 + 41 + 152 + 261 & 512 &:= 3^5 + 3^5 + 10^1 + 15^1 + 19^0 = 35 + 35 + 101 + 151 + 190 \\ 512 &:= 2^8 + 3^0 + 5^1 + 15^2 + 25^1 = 28 + 30 + 51 + 152 + 251 & 512 &:= 3^5 + 3^5 + 11^1 + 14^1 + 19^0 = 35 + 35 + 111 + 141 + 190 \\ 512 &:= 2^8 + 3^0 + 6^1 + 15^2 + 24^1 = 28 + 30 + 61 + 152 + 241 & 512 &:= 3^5 + 3^5 + 12^1 + 13^1 + 19^0 = 35 + 35 + 121 + 131 + 190 \\ 512 &:= 2^8 + 3^0 + 7^1 + 15^2 + 23^1 = 28 + 30 + 71 + 152 + 231 & 512 &:= 3^5 + 3^5 + 4^1 + 19^0 + 21^1 = 35 + 35 + 41 + 190 + 211 \\ 512 &:= 2^8 + 3^0 + 8^1 + 15^2 + 22^1 = 28 + 30 + 81 + 152 + 221 & 512 &:= 3^5 + 3^5 + 5^1 + 19^0 + 20^1 = 35 + 35 + 51 + 190 + 201 \\ 512 &:= 2^8 + 3^0 + 9^1 + 15^2 + 21^1 = 28 + 30 + 91 + 152 + 211 & 512 &:= 3^5 + 3^5 + 6^1 + 19^0 + 19^1 = 35 + 35 + 61 + 190 + 191 \\ 512 &:= 3^1 + 3^4 + 3^4 + 18^2 + 23^1 = 31 + 34 + 34 + 182 + 231 & 512 &:= 3^5 + 3^5 + 7^1 + 18^1 + 19^0 = 35 + 35 + 71 + 181 + 190 \\ 512 &:= 3^1 + 3^5 + 3^5 + 19^0 + 22^1 = 31 + 35 + 35 + 190 + 221 & 512 &:= 3^5 + 3^5 + 8^1 + 17^1 + 19^0 = 35 + 35 + 81 + 171 + 190 \\ 512 &:= 3^2 + 3^2 + 3^5 + 15^2 + 26^1 = 32 + 32 + 35 + 152 + 261 & 512 &:= 3^5 + 3^5 + 9^1 + 16^1 + 19^0 = 35 + 35 + 91 + 161 + 190 \\ 512 &:= 3^3 + 3^5 + 4^2 + 15^2 + 25^0 = 33 + 35 + 42 + 152 + 250 & 512 &:= 3^5 + 4^2 + 6^3 + 10^1 + 27^1 = 35 + 42 + 63 + 101 + 271 \\ 512 &:= 3^3 + 3^5 + 6^3 + 13^0 + 25^1 = 33 + 35 + 63 + 130 + 251 & 512 &:= 3^5 + 4^2 + 6^3 + 11^1 + 26^1 = 35 + 42 + 63 + 111 + 261 \\ 512 &:= 3^3 + 4^4 + 6^2 + 13^2 + 24^1 = 33 + 44 + 62 + 132 + 241 & 512 &:= 3^5 + 4^2 + 6^3 + 12^1 + 25^1 = 35 + 42 + 63 + 121 + 251 \end{aligned}$$

$$\begin{aligned}
 512 &:= 3^5 + 4^2 + 6^3 + 13^1 + 24^1 = 35 + 42 + 63 + 131 + 241 \\
 512 &:= 3^5 + 4^2 + 6^3 + 14^1 + 23^1 = 35 + 42 + 63 + 141 + 231 \\
 512 &:= 3^5 + 4^2 + 6^3 + 15^1 + 22^1 = 35 + 42 + 63 + 151 + 221 \\
 512 &:= 3^5 + 4^2 + 6^3 + 16^1 + 21^1 = 35 + 42 + 63 + 161 + 211 \\
 512 &:= 3^5 + 4^2 + 6^3 + 17^1 + 20^1 = 35 + 42 + 63 + 171 + 201 \\
 512 &:= 3^5 + 4^2 + 6^3 + 18^1 + 19^1 = 35 + 42 + 63 + 181 + 191 \\
 512 &:= 3^5 + 5^2 + 5^2 + 14^2 + 23^1 = 35 + 52 + 52 + 142 + 231
 \end{aligned}$$

$$\begin{aligned}
 512 &:= 3^5 + 5^3 + 5^3 + 18^1 + 19^0 = 35 + 53 + 53 + 181 + 190 \\
 512 &:= 3^5 + 7^2 + 10^2 + 10^2 + 20^1 = 35 + 72 + 102 + 102 + 201 \\
 512 &:= 3^5 + 8^2 + 8^2 + 11^2 + 20^1 = 35 + 82 + 82 + 112 + 201 \\
 512 &:= 4^3 + 4^3 + 6^3 + 12^2 + 24^1 = 43 + 43 + 63 + 122 + 241 \\
 512 &:= 4^3 + 5^3 + 6^3 + 9^2 + 26^1 = 43 + 53 + 63 + 92 + 261
 \end{aligned}$$

2.2.414 Number 513

$$\begin{aligned}
 513 &:= 1^0 + 22^2 + 28^1 = 10 + 222 + 281 \\
 513 &:= 1^0 + 1^0 + 22^2 + 27^1 = 10 + 10 + 222 + 271 \\
 513 &:= 1^8 + 3^3 + 22^2 + 24^0 = 18 + 33 + 222 + 240 \\
 513 &:= 1^0 + 1^0 + 1^0 + 22^2 + 26^1 = 10 + 10 + 10 + 222 + 261 \\
 513 &:= 1^2 + 3^5 + 3^5 + 18^0 + 25^1 = 12 + 35 + 35 + 180 + 251 \\
 513 &:= 1^3 + 2^7 + 6^0 + 19^2 + 22^1 = 13 + 27 + 60 + 192 + 221 \\
 513 &:= 1^4 + 2^6 + 6^1 + 20^0 + 21^2 = 14 + 26 + 61 + 200 + 212 \\
 513 &:= 1^5 + 3^5 + 12^1 + 16^2 + 18^0 = 15 + 35 + 121 + 162 + 180 \\
 513 &:= 1^6 + 2^4 + 11^1 + 14^0 + 22^2 = 16 + 24 + 111 + 140 + 222 \\
 513 &:= 1^6 + 5^2 + 5^3 + 19^2 + 20^0 = 16 + 52 + 53 + 192 + 200 \\
 513 &:= 1^7 + 2^3 + 6^0 + 19^1 + 22^2 = 17 + 23 + 60 + 191 + 222 \\
 513 &:= 1^7 + 4^3 + 6^1 + 18^0 + 21^2 = 17 + 43 + 61 + 180 + 212 \\
 513 &:= 1^7 + 6^0 + 7^3 + 12^2 + 24^1 = 17 + 60 + 73 + 122 + 241 \\
 513 &:= 1^7 + 6^1 + 6^3 + 17^2 + 20^0 = 17 + 61 + 63 + 172 + 200 \\
 513 &:= 1^8 + 2^0 + 2^2 + 22^2 + 23^1 = 18 + 20 + 22 + 222 + 231 \\
 513 &:= 1^8 + 2^1 + 5^2 + 20^0 + 22^2 = 18 + 21 + 52 + 200 + 222 \\
 513 &:= 1^8 + 3^2 + 6^0 + 18^1 + 22^2 = 18 + 32 + 60 + 181 + 222 \\
 513 &:= 1^8 + 4^2 + 11^1 + 12^0 + 22^2 = 18 + 42 + 111 + 120 + 222 \\
 513 &:= 1^8 + 6^1 + 12^0 + 12^2 + 19^2 = 18 + 61 + 120 + 122 + 192 \\
 513 &:= 1^8 + 6^1 + 8^2 + 14^0 + 21^2 = 18 + 61 + 82 + 140 + 212 \\
 513 &:= 1^8 + 8^0 + 10^2 + 11^1 + 20^2 = 18 + 80 + 102 + 111 + 202 \\
 513 &:= 1^9 + 1^9 + 2^2 + 22^2 + 23^1 = 19 + 19 + 22 + 222 + 231 \\
 513 &:= 2^0 + 2^8 + 6^3 + 13^1 + 27^1 = 20 + 28 + 63 + 131 + 271 \\
 513 &:= 2^0 + 2^8 + 6^3 + 14^1 + 26^1 = 20 + 28 + 63 + 141 + 261 \\
 513 &:= 2^0 + 2^8 + 6^3 + 15^1 + 25^1 = 20 + 28 + 63 + 151 + 251 \\
 513 &:= 2^0 + 2^8 + 6^3 + 16^1 + 24^1 = 20 + 28 + 63 + 161 + 241 \\
 513 &:= 2^0 + 2^8 + 6^3 + 17^1 + 23^1 = 20 + 28 + 63 + 171 + 231 \\
 513 &:= 2^0 + 2^8 + 6^3 + 18^1 + 22^1 = 20 + 28 + 63 + 181 + 221 \\
 513 &:= 2^0 + 2^8 + 6^3 + 19^1 + 21^1 = 20 + 28 + 63 + 191 + 211
 \end{aligned}$$

$$\begin{aligned}
 513 &:= 2^0 + 2^8 + 6^3 + 20^1 + 20^1 = 20 + 28 + 63 + 201 + 201 \\
 513 &:= 2^2 + 2^8 + 4^0 + 15^2 + 27^1 = 22 + 28 + 40 + 152 + 271 \\
 513 &:= 2^2 + 3^5 + 3^5 + 20^0 + 22^1 = 22 + 35 + 35 + 200 + 221 \\
 513 &:= 2^3 + 2^5 + 6^3 + 16^2 + 24^0 = 23 + 25 + 63 + 162 + 240 \\
 513 &:= 2^3 + 2^7 + 12^0 + 15^1 + 19^2 = 23 + 27 + 120 + 151 + 192 \\
 513 &:= 2^4 + 2^5 + 8^2 + 18^0 + 20^2 = 24 + 25 + 82 + 180 + 202 \\
 513 &:= 2^5 + 2^5 + 7^1 + 18^0 + 21^2 = 25 + 25 + 71 + 180 + 212 \\
 513 &:= 2^5 + 3^5 + 12^1 + 15^2 + 18^0 = 25 + 35 + 121 + 152 + 180 \\
 513 &:= 2^6 + 3^3 + 14^2 + 15^2 + 16^0 = 26 + 33 + 142 + 152 + 160 \\
 513 &:= 2^6 + 3^4 + 6^1 + 19^2 + 20^0 = 26 + 34 + 61 + 192 + 200 \\
 513 &:= 2^6 + 4^4 + 8^0 + 13^2 + 23^1 = 26 + 44 + 80 + 132 + 231 \\
 513 &:= 2^6 + 6^2 + 6^3 + 14^2 + 22^0 = 26 + 62 + 63 + 142 + 220 \\
 513 &:= 2^6 + 6^3 + 6^3 + 16^1 + 20^0 = 26 + 63 + 63 + 161 + 200 \\
 513 &:= 2^7 + 3^1 + 5^3 + 16^2 + 24^0 = 27 + 31 + 53 + 162 + 240 \\
 513 &:= 2^7 + 4^2 + 7^3 + 12^0 + 25^1 = 27 + 42 + 73 + 120 + 251 \\
 513 &:= 2^7 + 5^2 + 7^3 + 16^1 + 20^0 = 27 + 52 + 73 + 161 + 200 \\
 513 &:= 2^7 + 6^0 + 6^3 + 12^2 + 24^1 = 27 + 60 + 63 + 122 + 241 \\
 513 &:= 2^7 + 8^2 + 8^2 + 16^0 + 16^2 = 27 + 82 + 82 + 160 + 162 \\
 513 &:= 2^8 + 10^2 + 12^1 + 12^2 + 14^0 = 28 + 102 + 121 + 122 + 140 \\
 513 &:= 2^8 + 11^2 + 11^2 + 12^0 + 14^1 = 28 + 112 + 112 + 120 + 141 \\
 513 &:= 2^8 + 3^2 + 8^0 + 15^2 + 22^1 = 28 + 32 + 80 + 152 + 221 \\
 513 &:= 2^8 + 4^0 + 6^2 + 14^2 + 24^1 = 28 + 40 + 62 + 142 + 241 \\
 513 &:= 2^8 + 4^0 + 8^2 + 13^2 + 23^1 = 28 + 40 + 82 + 132 + 231 \\
 513 &:= 2^8 + 4^2 + 14^0 + 15^1 + 15^2 = 28 + 42 + 140 + 151 + 152 \\
 513 &:= 2^8 + 5^2 + 6^1 + 15^2 + 22^0 = 28 + 52 + 61 + 152 + 220 \\
 513 &:= 2^8 + 6^1 + 9^2 + 13^2 + 20^0 = 28 + 61 + 92 + 132 + 200 \\
 513 &:= 2^8 + 7^2 + 11^1 + 14^2 + 16^0 = 28 + 72 + 111 + 142 + 160 \\
 513 &:= 3^2 + 3^5 + 3^5 + 17^1 + 24^0 = 32 + 35 + 35 + 171 + 240 \\
 513 &:= 3^4 + 3^4 + 5^3 + 15^2 + 24^0 = 34 + 34 + 53 + 152 + 240
 \end{aligned}$$

2.2.415 Number 514

$$\begin{aligned}
 514 &:= 1^1 + 8^3 + 42^0 &= 11 + 83 + 420 \\
 514 &:= 1^5 + 2^9 + 47^0 &= 15 + 29 + 470 \\
 514 &:= 1^0 + 16^2 + 16^2 + 18^0 &= 10 + 162 + 162 + 180 \\
 514 &:= 1^2 + 2^8 + 4^4 + 43^0 &= 12 + 28 + 44 + 430 \\
 514 &:= 1^2 + 2^8 + 6^3 + 41^1 &= 12 + 28 + 63 + 411 \\
 514 &:= 1^3 + 2^8 + 15^2 + 32^1 &= 13 + 28 + 152 + 321 \\
 514 &:= 1^4 + 2^8 + 16^2 + 31^0 &= 14 + 28 + 162 + 310 \\
 514 &:= 1^6 + 4^4 + 4^4 + 41^0 &= 16 + 44 + 44 + 410 \\
 514 &:= 1^8 + 2^8 + 2^8 + 44^0 &= 18 + 28 + 28 + 440 \\
 514 &:= 1^8 + 4^4 + 16^2 + 29^0 &= 18 + 44 + 162 + 290 \\
 514 &:= 1^9 + 2^2 + 22^2 + 25^1 &= 19 + 22 + 222 + 251 \\
 514 &:= 1^9 + 7^3 + 13^2 + 29^0 &= 19 + 73 + 132 + 290 \\
 514 &:= 2^0 + 16^2 + 16^2 + 17^0 &= 20 + 162 + 162 + 170 \\
 514 &:= 2^8 + 3^5 + 14^1 + 31^0 &= 28 + 35 + 141 + 310 \\
 514 &:= 2^8 + 5^3 + 10^2 + 33^1 &= 28 + 53 + 102 + 331 \\
 514 &:= 3^0 + 16^0 + 16^2 + 16^2 &= 30 + 160 + 162 + 162 \\
 514 &:= 4^0 + 15^0 + 16^2 + 16^2 &= 40 + 150 + 162 + 162 \\
 514 &:= 5^0 + 14^0 + 16^2 + 16^2 &= 50 + 140 + 162 + 162 \\
 514 &:= 6^0 + 13^0 + 16^2 + 16^2 &= 60 + 130 + 162 + 162 \\
 514 &:= 7^0 + 12^0 + 16^2 + 16^2 &= 70 + 120 + 162 + 162 \\
 514 &:= 8^0 + 11^0 + 16^2 + 16^2 &= 80 + 110 + 162 + 162 \\
 514 &:= 9^0 + 10^0 + 16^2 + 16^2 &= 90 + 100 + 162 + 162 \\
 514 &:= 1^0 + 1^9 + 2^2 + 22^2 + 24^1 &= 10 + 19 + 22 + 222 + 241 \\
 514 &:= 1^0 + 1^9 + 3^3 + 22^2 + 23^0 &= 10 + 19 + 33 + 222 + 230 \\
 514 &:= 1^1 + 1^8 + 2^2 + 22^2 + 24^1 &= 11 + 18 + 22 + 222 + 241 \\
 514 &:= 1^1 + 1^8 + 3^3 + 22^2 + 23^0 &= 11 + 18 + 33 + 222 + 230 \\
 514 &:= 1^1 + 2^8 + 6^3 + 14^1 + 27^1 &= 11 + 28 + 63 + 141 + 271 \\
 514 &:= 1^1 + 2^8 + 6^3 + 15^1 + 26^1 &= 11 + 28 + 63 + 151 + 261 \\
 514 &:= 1^1 + 2^8 + 6^3 + 16^1 + 25^1 &= 11 + 28 + 63 + 161 + 251 \\
 514 &:= 1^1 + 2^8 + 6^3 + 17^1 + 24^1 &= 11 + 28 + 63 + 171 + 241 \\
 514 &:= 1^1 + 2^8 + 6^3 + 18^1 + 23^1 &= 11 + 28 + 63 + 181 + 231 \\
 514 &:= 1^1 + 2^8 + 6^3 + 19^1 + 22^1 &= 11 + 28 + 63 + 191 + 221 \\
 514 &:= 1^1 + 2^8 + 6^3 + 20^1 + 21^1 &= 11 + 28 + 63 + 201 + 211 \\
 514 &:= 1^2 + 1^7 + 2^2 + 22^2 + 24^1 &= 12 + 17 + 22 + 222 + 241 \\
 514 &:= 1^2 + 1^7 + 3^3 + 22^2 + 23^0 &= 12 + 17 + 33 + 222 + 230
 \end{aligned}$$

$$\begin{aligned}
 514 &:= 1^2 + 2^4 + 2^5 + 21^2 + 24^1 &= 12 + 24 + 25 + 212 + 241 \\
 514 &:= 1^2 + 2^6 + 4^3 + 19^2 + 24^1 &= 12 + 26 + 43 + 192 + 241 \\
 514 &:= 1^2 + 2^7 + 13^2 + 14^2 + 20^1 &= 12 + 27 + 132 + 142 + 201 \\
 514 &:= 1^2 + 2^8 + 10^1 + 15^2 + 22^1 &= 12 + 28 + 101 + 152 + 221 \\
 514 &:= 1^2 + 2^8 + 11^1 + 15^2 + 21^1 &= 12 + 28 + 111 + 152 + 211 \\
 514 &:= 1^2 + 2^8 + 12^1 + 15^2 + 20^1 &= 12 + 28 + 121 + 152 + 201 \\
 514 &:= 1^2 + 2^8 + 13^1 + 15^2 + 19^1 &= 12 + 28 + 131 + 152 + 191 \\
 514 &:= 1^2 + 2^8 + 14^1 + 15^2 + 18^1 &= 12 + 28 + 141 + 152 + 181 \\
 514 &:= 1^2 + 2^8 + 15^1 + 15^2 + 17^1 &= 12 + 28 + 151 + 152 + 171 \\
 514 &:= 1^2 + 2^8 + 15^2 + 16^1 + 16^1 &= 12 + 28 + 152 + 161 + 161 \\
 514 &:= 1^2 + 2^8 + 5^1 + 15^2 + 27^1 &= 12 + 28 + 51 + 152 + 271 \\
 514 &:= 1^2 + 2^8 + 6^1 + 15^2 + 26^1 &= 12 + 28 + 61 + 152 + 261 \\
 514 &:= 1^2 + 2^8 + 7^1 + 15^2 + 25^1 &= 12 + 28 + 71 + 152 + 251 \\
 514 &:= 1^2 + 2^8 + 8^1 + 15^2 + 24^1 &= 12 + 28 + 81 + 152 + 241 \\
 514 &:= 1^2 + 2^8 + 9^1 + 15^2 + 23^1 &= 12 + 28 + 91 + 152 + 231 \\
 514 &:= 1^3 + 1^6 + 2^2 + 22^2 + 24^1 &= 13 + 16 + 22 + 222 + 241 \\
 514 &:= 1^3 + 1^6 + 3^3 + 22^2 + 23^0 &= 13 + 16 + 33 + 222 + 230 \\
 514 &:= 1^3 + 3^5 + 3^5 + 17^0 + 26^1 &= 13 + 35 + 35 + 170 + 261 \\
 514 &:= 1^4 + 1^5 + 2^2 + 22^2 + 24^1 &= 14 + 15 + 22 + 222 + 241 \\
 514 &:= 1^4 + 1^5 + 3^3 + 22^2 + 23^0 &= 14 + 15 + 33 + 222 + 230 \\
 514 &:= 1^4 + 2^3 + 3^4 + 20^2 + 24^1 &= 14 + 23 + 34 + 202 + 241 \\
 514 &:= 1^4 + 2^4 + 6^3 + 16^2 + 25^1 &= 14 + 24 + 63 + 162 + 251 \\
 514 &:= 1^4 + 2^7 + 5^0 + 19^2 + 23^1 &= 14 + 27 + 50 + 192 + 231 \\
 514 &:= 1^4 + 3^5 + 7^2 + 14^2 + 25^1 &= 14 + 35 + 72 + 142 + 251 \\
 514 &:= 1^5 + 2^4 + 15^2 + 16^1 + 16^2 &= 15 + 24 + 152 + 161 + 162 \\
 514 &:= 1^5 + 2^4 + 6^2 + 20^1 + 21^2 &= 15 + 24 + 62 + 201 + 212 \\
 514 &:= 1^5 + 2^6 + 7^1 + 19^0 + 21^2 &= 15 + 26 + 71 + 190 + 212 \\
 514 &:= 1^5 + 3^2 + 3^4 + 20^2 + 23^1 &= 15 + 32 + 34 + 202 + 231 \\
 514 &:= 1^5 + 3^3 + 4^3 + 20^2 + 22^1 &= 15 + 33 + 43 + 202 + 221 \\
 514 &:= 1^5 + 3^5 + 10^2 + 13^2 + 23^0 &= 15 + 35 + 102 + 132 + 230 \\
 514 &:= 1^5 + 4^4 + 6^2 + 14^2 + 25^1 &= 15 + 44 + 62 + 142 + 251 \\
 514 &:= 1^5 + 4^4 + 8^2 + 13^2 + 24^1 &= 15 + 44 + 82 + 132 + 241 \\
 514 &:= 1^6 + 2^2 + 5^3 + 19^2 + 23^1 &= 16 + 22 + 53 + 192 + 231 \\
 514 &:= 1^6 + 3^3 + 5^2 + 20^1 + 21^2 &= 16 + 33 + 52 + 201 + 212 \\
 514 &:= 1^6 + 3^5 + 13^1 + 16^2 + 17^0 &= 16 + 35 + 131 + 162 + 170
 \end{aligned}$$

$$\begin{aligned} 514 &:= 1^6 + 4^3 + 12^2 + 16^1 + 17^2 = 16 + 43 + 122 + 161 + 172 \\ 514 &:= 1^6 + 5^3 + 9^2 + 17^2 + 18^1 = 16 + 53 + 92 + 172 + 181 \\ 514 &:= 1^6 + 6^3 + 9^2 + 14^2 + 20^1 = 16 + 63 + 92 + 142 + 201 \\ 514 &:= 1^6 + 7^3 + 8^2 + 9^2 + 25^1 = 16 + 73 + 82 + 92 + 251 \\ 514 &:= 1^7 + 2^2 + 13^2 + 16^1 + 18^2 = 17 + 22 + 132 + 161 + 182 \\ 514 &:= 1^7 + 2^2 + 7^2 + 19^1 + 21^2 = 17 + 22 + 72 + 191 + 212 \\ 514 &:= 1^7 + 2^4 + 12^1 + 13^0 + 22^2 = 17 + 24 + 121 + 130 + 222 \\ 514 &:= 1^7 + 3^3 + 14^2 + 15^0 + 17^2 = 17 + 33 + 142 + 150 + 172 \\ 514 &:= 1^7 + 4^2 + 11^2 + 15^1 + 19^2 = 17 + 42 + 112 + 151 + 192 \\ 514 &:= 1^7 + 4^2 + 9^2 + 16^1 + 20^2 = 17 + 42 + 92 + 161 + 202 \\ 514 &:= 1^7 + 5^2 + 7^3 + 12^2 + 25^0 = 17 + 52 + 73 + 122 + 250 \\ 514 &:= 1^7 + 6^3 + 10^2 + 14^2 + 19^0 = 17 + 63 + 102 + 142 + 190 \\ 514 &:= 1^7 + 7^2 + 12^1 + 14^2 + 16^2 = 17 + 72 + 121 + 142 + 162 \\ 514 &:= 1^7 + 7^2 + 7^2 + 15^1 + 20^2 = 17 + 72 + 72 + 151 + 202 \\ 514 &:= 1^7 + 9^2 + 11^1 + 14^2 + 15^2 = 17 + 92 + 111 + 142 + 152 \\ 514 &:= 1^8 + 2^1 + 2^2 + 22^2 + 23^1 = 18 + 21 + 22 + 222 + 231 \\ 514 &:= 1^8 + 2^2 + 10^1 + 15^1 + 22^2 = 18 + 22 + 101 + 151 + 222 \\ 514 &:= 1^8 + 2^2 + 11^1 + 14^1 + 22^2 = 18 + 22 + 111 + 141 + 222 \\ 514 &:= 1^8 + 2^2 + 12^1 + 13^1 + 22^2 = 18 + 22 + 121 + 131 + 222 \\ 514 &:= 1^8 + 2^2 + 3^1 + 22^1 + 22^2 = 18 + 22 + 31 + 221 + 222 \\ 514 &:= 1^8 + 2^2 + 4^1 + 21^1 + 22^2 = 18 + 22 + 41 + 211 + 222 \\ 514 &:= 1^8 + 2^2 + 5^1 + 20^1 + 22^2 = 18 + 22 + 51 + 201 + 222 \\ 514 &:= 1^8 + 2^2 + 6^1 + 19^1 + 22^2 = 18 + 22 + 61 + 191 + 222 \\ 514 &:= 1^8 + 2^2 + 7^1 + 18^1 + 22^2 = 18 + 22 + 71 + 181 + 222 \\ 514 &:= 1^8 + 2^2 + 8^1 + 17^1 + 22^2 = 18 + 22 + 81 + 171 + 222 \\ 514 &:= 1^8 + 2^2 + 9^1 + 16^1 + 22^2 = 18 + 22 + 91 + 161 + 222 \\ 514 &:= 1^8 + 2^3 + 5^0 + 20^1 + 22^2 = 18 + 23 + 50 + 201 + 222 \\ 514 &:= 1^8 + 4^3 + 7^1 + 17^0 + 21^2 = 18 + 43 + 71 + 170 + 212 \\ 514 &:= 1^8 + 5^0 + 7^3 + 12^2 + 25^1 = 18 + 50 + 73 + 122 + 251 \\ 514 &:= 1^8 + 6^3 + 7^1 + 17^2 + 19^0 = 18 + 63 + 71 + 172 + 190 \\ 514 &:= 1^9 + 2^0 + 3^3 + 22^0 + 22^2 = 19 + 20 + 33 + 220 + 222 \\ 514 &:= 1^9 + 3^0 + 3^3 + 21^0 + 22^2 = 19 + 30 + 33 + 210 + 222 \\ 514 &:= 1^9 + 3^1 + 5^2 + 19^0 + 22^2 = 19 + 31 + 52 + 190 + 222 \\ 514 &:= 1^9 + 3^2 + 5^0 + 19^1 + 22^2 = 19 + 32 + 50 + 191 + 222 \\ 514 &:= 1^9 + 3^3 + 10^0 + 14^0 + 22^2 = 19 + 33 + 100 + 140 + 222 \\ 514 &:= 1^9 + 3^3 + 11^0 + 13^0 + 22^2 = 19 + 33 + 110 + 130 + 222 \\ 514 &:= 1^9 + 3^3 + 12^0 + 12^0 + 22^2 = 19 + 33 + 120 + 120 + 222 \\ 514 &:= 1^9 + 3^3 + 4^0 + 20^0 + 22^2 = 19 + 33 + 40 + 200 + 222 \end{aligned}$$

$$\begin{aligned} 514 &:= 1^9 + 3^3 + 5^0 + 19^0 + 22^2 = 19 + 33 + 50 + 190 + 222 \\ 514 &:= 1^9 + 3^3 + 6^0 + 18^0 + 22^2 = 19 + 33 + 60 + 180 + 222 \\ 514 &:= 1^9 + 3^3 + 7^0 + 17^0 + 22^2 = 19 + 33 + 70 + 170 + 222 \\ 514 &:= 1^9 + 3^3 + 8^0 + 16^0 + 22^2 = 19 + 33 + 80 + 160 + 222 \\ 514 &:= 1^9 + 3^3 + 9^0 + 15^0 + 22^2 = 19 + 33 + 90 + 150 + 222 \\ 514 &:= 1^9 + 4^2 + 11^0 + 12^1 + 22^2 = 19 + 42 + 110 + 121 + 222 \\ 514 &:= 1^9 + 7^0 + 10^2 + 12^1 + 20^2 = 19 + 70 + 102 + 121 + 202 \\ 514 &:= 1^9 + 7^1 + 11^0 + 12^2 + 19^2 = 19 + 71 + 110 + 122 + 192 \\ 514 &:= 1^9 + 7^1 + 8^2 + 13^0 + 21^2 = 19 + 71 + 82 + 130 + 212 \\ 514 &:= 2^1 + 2^8 + 6^3 + 13^1 + 27^1 = 21 + 28 + 63 + 131 + 271 \\ 514 &:= 2^1 + 2^8 + 6^3 + 14^1 + 26^1 = 21 + 28 + 63 + 141 + 261 \\ 514 &:= 2^1 + 2^8 + 6^3 + 15^1 + 25^1 = 21 + 28 + 63 + 151 + 251 \\ 514 &:= 2^1 + 2^8 + 6^3 + 16^1 + 24^1 = 21 + 28 + 63 + 161 + 241 \\ 514 &:= 2^1 + 2^8 + 6^3 + 17^1 + 23^1 = 21 + 28 + 63 + 171 + 231 \\ 514 &:= 2^1 + 2^8 + 6^3 + 18^1 + 22^1 = 21 + 28 + 63 + 181 + 221 \\ 514 &:= 2^1 + 2^8 + 6^3 + 19^1 + 21^1 = 21 + 28 + 63 + 191 + 211 \\ 514 &:= 2^1 + 2^8 + 6^3 + 20^1 + 20^1 = 21 + 28 + 63 + 201 + 201 \\ 514 &:= 2^2 + 2^7 + 5^3 + 16^2 + 25^0 = 22 + 27 + 53 + 162 + 250 \\ 514 &:= 2^2 + 2^7 + 6^2 + 18^2 + 22^1 = 22 + 27 + 62 + 182 + 221 \\ 514 &:= 2^2 + 2^7 + 7^3 + 12^1 + 27^1 = 22 + 27 + 73 + 121 + 271 \\ 514 &:= 2^2 + 2^7 + 7^3 + 13^1 + 26^1 = 22 + 27 + 73 + 131 + 261 \\ 514 &:= 2^2 + 2^7 + 7^3 + 14^1 + 25^1 = 22 + 27 + 73 + 141 + 251 \\ 514 &:= 2^2 + 2^7 + 7^3 + 15^1 + 24^1 = 22 + 27 + 73 + 151 + 241 \\ 514 &:= 2^2 + 2^7 + 7^3 + 16^1 + 23^1 = 22 + 27 + 73 + 161 + 231 \\ 514 &:= 2^2 + 2^7 + 7^3 + 17^1 + 22^1 = 22 + 27 + 73 + 171 + 221 \\ 514 &:= 2^2 + 2^7 + 7^3 + 18^1 + 21^1 = 22 + 27 + 73 + 181 + 211 \\ 514 &:= 2^2 + 2^7 + 7^3 + 19^1 + 20^1 = 22 + 27 + 73 + 191 + 201 \\ 514 &:= 2^3 + 2^6 + 10^2 + 18^1 + 18^2 = 23 + 26 + 102 + 181 + 182 \\ 514 &:= 2^3 + 2^6 + 13^2 + 16^2 + 17^1 = 23 + 26 + 132 + 162 + 171 \\ 514 &:= 2^3 + 2^6 + 6^3 + 15^2 + 25^0 = 23 + 26 + 63 + 152 + 250 \\ 514 &:= 2^3 + 2^7 + 11^2 + 16^2 + 19^0 = 23 + 27 + 112 + 162 + 190 \\ 514 &:= 2^3 + 2^7 + 4^2 + 19^2 + 23^0 = 23 + 27 + 42 + 192 + 230 \\ 514 &:= 2^3 + 2^8 + 7^0 + 15^2 + 24^1 = 23 + 28 + 70 + 152 + 241 \\ 514 &:= 2^3 + 3^5 + 3^5 + 19^1 + 23^0 = 23 + 35 + 35 + 191 + 230 \\ 514 &:= 2^4 + 2^4 + 3^4 + 20^2 + 23^0 = 24 + 24 + 34 + 202 + 230 \\ 514 &:= 2^4 + 2^4 + 4^4 + 15^2 + 27^0 = 24 + 24 + 44 + 152 + 270 \\ 514 &:= 2^4 + 2^5 + 15^2 + 15^2 + 16^1 = 24 + 25 + 152 + 152 + 161 \\ 514 &:= 2^4 + 2^6 + 12^2 + 17^0 + 17^2 = 24 + 26 + 122 + 170 + 172 \end{aligned}$$

$$\begin{aligned} 514 &:= 2^4 + 2^7 + 8^1 + 19^0 + 19^2 = 24 + 27 + 81 + 190 + 192 \\ 514 &:= 2^4 + 3^5 + 6^3 + 12^1 + 27^1 = 24 + 35 + 63 + 121 + 271 \\ 514 &:= 2^4 + 3^5 + 6^3 + 13^1 + 26^1 = 24 + 35 + 63 + 131 + 261 \\ 514 &:= 2^4 + 3^5 + 6^3 + 14^1 + 25^1 = 24 + 35 + 63 + 141 + 251 \\ 514 &:= 2^4 + 3^5 + 6^3 + 15^1 + 24^1 = 24 + 35 + 63 + 151 + 241 \\ 514 &:= 2^4 + 3^5 + 6^3 + 16^1 + 23^1 = 24 + 35 + 63 + 161 + 231 \\ 514 &:= 2^4 + 3^5 + 6^3 + 17^1 + 22^1 = 24 + 35 + 63 + 171 + 221 \\ 514 &:= 2^4 + 3^5 + 6^3 + 18^1 + 21^1 = 24 + 35 + 63 + 181 + 211 \\ 514 &:= 2^4 + 3^5 + 6^3 + 19^1 + 20^1 = 24 + 35 + 63 + 191 + 201 \\ 514 &:= 2^5 + 2^5 + 7^2 + 19^0 + 20^2 = 25 + 25 + 72 + 190 + 202 \\ 514 &:= 2^5 + 2^6 + 9^0 + 17^1 + 20^2 = 25 + 26 + 90 + 171 + 202 \\ 514 &:= 2^5 + 3^5 + 6^3 + 17^0 + 22^1 = 25 + 35 + 63 + 170 + 221 \\ 514 &:= 2^5 + 4^4 + 9^2 + 11^2 + 24^1 = 25 + 44 + 92 + 112 + 241 \\ 514 &:= 2^6 + 3^3 + 9^2 + 18^1 + 18^2 = 26 + 33 + 92 + 181 + 182 \\ 514 &:= 2^6 + 3^4 + 7^3 + 13^0 + 25^1 = 26 + 34 + 73 + 130 + 251 \\ 514 &:= 2^6 + 3^5 + 10^1 + 14^2 + 21^0 = 26 + 35 + 101 + 142 + 210 \\ 514 &:= 2^6 + 4^3 + 12^2 + 15^2 + 17^1 = 26 + 43 + 122 + 152 + 171 \\ 514 &:= 2^6 + 4^3 + 6^3 + 13^2 + 25^0 = 26 + 43 + 63 + 132 + 250 \\ 514 &:= 2^6 + 4^4 + 7^2 + 12^2 + 25^0 = 26 + 44 + 72 + 122 + 250 \\ 514 &:= 2^6 + 5^3 + 7^2 + 16^2 + 20^1 = 26 + 53 + 72 + 162 + 201 \\ 514 &:= 2^6 + 5^3 + 9^2 + 15^2 + 19^1 = 26 + 53 + 92 + 152 + 191 \\ 514 &:= 2^7 + 3^3 + 7^3 + 15^1 + 23^0 = 27 + 33 + 73 + 151 + 230 \\ 514 &:= 2^7 + 3^4 + 13^0 + 15^1 + 17^2 = 27 + 34 + 130 + 151 + 172 \\ 514 &:= 2^7 + 4^2 + 5^2 + 18^2 + 21^1 = 27 + 42 + 52 + 182 + 211 \\ 514 &:= 2^7 + 4^4 + 8^1 + 11^2 + 25^0 = 27 + 44 + 81 + 112 + 250 \\ 514 &:= 2^7 + 5^2 + 6^3 + 12^2 + 25^0 = 27 + 52 + 63 + 122 + 250 \\ 514 &:= 2^7 + 5^3 + 8^2 + 14^2 + 21^0 = 27 + 53 + 82 + 142 + 210 \\ 514 &:= 2^7 + 7^2 + 8^2 + 16^2 + 17^1 = 27 + 72 + 82 + 162 + 171 \\ 514 &:= 2^7 + 8^2 + 9^2 + 15^2 + 16^1 = 27 + 82 + 92 + 152 + 161 \\ 514 &:= 2^7 + 9^2 + 11^2 + 13^2 + 15^1 = 27 + 92 + 112 + 132 + 151 \\ 514 &:= 2^8 + 3^1 + 6^3 + 12^1 + 27^1 = 28 + 31 + 63 + 121 + 271 \\ 514 &:= 2^8 + 3^1 + 6^3 + 13^1 + 26^1 = 28 + 31 + 63 + 131 + 261 \\ 514 &:= 2^8 + 3^1 + 6^3 + 14^1 + 25^1 = 28 + 31 + 63 + 141 + 251 \\ 514 &:= 2^8 + 3^1 + 6^3 + 15^1 + 24^1 = 28 + 31 + 63 + 151 + 241 \\ 514 &:= 2^8 + 3^1 + 6^3 + 16^1 + 23^1 = 28 + 31 + 63 + 161 + 231 \\ 514 &:= 2^8 + 3^1 + 6^3 + 17^1 + 22^1 = 28 + 31 + 63 + 171 + 221 \\ 514 &:= 2^8 + 3^1 + 6^3 + 18^1 + 21^1 = 28 + 31 + 63 + 181 + 211 \\ 514 &:= 2^8 + 3^1 + 6^3 + 19^1 + 20^1 = 28 + 31 + 63 + 191 + 201 \end{aligned}$$

$$\begin{aligned} 514 &:= 2^8 + 3^3 + 5^1 + 15^2 + 25^0 = 28 + 33 + 51 + 152 + 250 \\ 514 &:= 2^8 + 3^5 + 10^0 + 13^1 + 22^0 = 28 + 35 + 100 + 131 + 220 \\ 514 &:= 2^8 + 3^5 + 11^0 + 13^1 + 21^0 = 28 + 35 + 110 + 131 + 210 \\ 514 &:= 2^8 + 3^5 + 12^0 + 13^1 + 20^0 = 28 + 35 + 120 + 131 + 200 \\ 514 &:= 2^8 + 3^5 + 13^0 + 13^1 + 19^0 = 28 + 35 + 130 + 131 + 190 \\ 514 &:= 2^8 + 3^5 + 13^1 + 14^0 + 18^0 = 28 + 35 + 131 + 140 + 180 \\ 514 &:= 2^8 + 3^5 + 13^1 + 15^0 + 17^0 = 28 + 35 + 131 + 150 + 170 \\ 514 &:= 2^8 + 3^5 + 13^1 + 16^0 + 16^0 = 28 + 35 + 131 + 160 + 160 \\ 514 &:= 2^8 + 3^5 + 5^0 + 13^1 + 27^0 = 28 + 35 + 50 + 131 + 270 \\ 514 &:= 2^8 + 3^5 + 6^0 + 13^1 + 26^0 = 28 + 35 + 60 + 131 + 260 \\ 514 &:= 2^8 + 3^5 + 7^0 + 13^1 + 25^0 = 28 + 35 + 70 + 131 + 250 \\ 514 &:= 2^8 + 3^5 + 8^0 + 13^1 + 24^0 = 28 + 35 + 80 + 131 + 240 \\ 514 &:= 2^8 + 3^5 + 9^0 + 13^1 + 23^0 = 28 + 35 + 90 + 131 + 230 \\ 514 &:= 2^8 + 4^1 + 6^3 + 11^1 + 27^1 = 28 + 41 + 63 + 111 + 271 \\ 514 &:= 2^8 + 4^1 + 6^3 + 12^1 + 26^1 = 28 + 41 + 63 + 121 + 261 \\ 514 &:= 2^8 + 4^1 + 6^3 + 13^1 + 25^1 = 28 + 41 + 63 + 131 + 251 \\ 514 &:= 2^8 + 4^1 + 6^3 + 14^1 + 24^1 = 28 + 41 + 63 + 141 + 241 \\ 514 &:= 2^8 + 4^1 + 6^3 + 15^1 + 23^1 = 28 + 41 + 63 + 151 + 231 \\ 514 &:= 2^8 + 4^1 + 6^3 + 16^1 + 22^1 = 28 + 41 + 63 + 161 + 221 \\ 514 &:= 2^8 + 4^1 + 6^3 + 17^1 + 21^1 = 28 + 41 + 63 + 171 + 211 \\ 514 &:= 2^8 + 4^1 + 6^3 + 18^1 + 20^1 = 28 + 41 + 63 + 181 + 201 \\ 514 &:= 2^8 + 4^1 + 6^3 + 19^1 + 19^1 = 28 + 41 + 63 + 191 + 191 \\ 514 &:= 2^8 + 4^2 + 4^2 + 15^2 + 25^0 = 28 + 42 + 42 + 152 + 250 \\ 514 &:= 2^8 + 4^2 + 6^3 + 13^0 + 25^1 = 28 + 42 + 63 + 130 + 251 \\ 514 &:= 2^8 + 4^3 + 7^0 + 13^2 + 24^1 = 28 + 43 + 70 + 132 + 241 \\ 514 &:= 2^8 + 5^1 + 6^3 + 10^1 + 27^1 = 28 + 51 + 63 + 101 + 271 \\ 514 &:= 2^8 + 5^1 + 6^3 + 11^1 + 26^1 = 28 + 51 + 63 + 111 + 261 \\ 514 &:= 2^8 + 5^1 + 6^3 + 12^1 + 25^1 = 28 + 51 + 63 + 121 + 251 \\ 514 &:= 2^8 + 5^1 + 6^3 + 13^1 + 24^1 = 28 + 51 + 63 + 131 + 241 \\ 514 &:= 2^8 + 5^1 + 6^3 + 14^1 + 23^1 = 28 + 51 + 63 + 141 + 231 \\ 514 &:= 2^8 + 5^1 + 6^3 + 15^1 + 22^1 = 28 + 51 + 63 + 151 + 221 \\ 514 &:= 2^8 + 5^1 + 6^3 + 16^1 + 21^1 = 28 + 51 + 63 + 161 + 211 \\ 514 &:= 2^8 + 5^1 + 6^3 + 17^1 + 20^1 = 28 + 51 + 63 + 171 + 201 \\ 514 &:= 2^8 + 5^1 + 6^3 + 18^1 + 19^1 = 28 + 51 + 63 + 181 + 191 \\ 514 &:= 2^8 + 5^2 + 6^2 + 14^2 + 23^0 = 28 + 52 + 62 + 142 + 230 \\ 514 &:= 2^8 + 5^2 + 6^3 + 16^1 + 21^0 = 28 + 52 + 63 + 161 + 210 \\ 514 &:= 2^8 + 5^3 + 11^1 + 11^2 + 21^0 = 28 + 53 + 111 + 112 + 210 \\ 514 &:= 2^8 + 6^1 + 6^3 + 10^1 + 26^1 = 28 + 61 + 63 + 101 + 261 \end{aligned}$$

$$\begin{aligned}
 514 &:= 2^8 + 6^1 + 6^3 + 11^1 + 25^1 = 28 + 61 + 63 + 111 + 251 \\
 514 &:= 2^8 + 6^1 + 6^3 + 12^1 + 24^1 = 28 + 61 + 63 + 121 + 241 \\
 514 &:= 2^8 + 6^1 + 6^3 + 13^1 + 23^1 = 28 + 61 + 63 + 131 + 231 \\
 514 &:= 2^8 + 6^1 + 6^3 + 14^1 + 22^1 = 28 + 61 + 63 + 141 + 221 \\
 514 &:= 2^8 + 6^1 + 6^3 + 15^1 + 21^1 = 28 + 61 + 63 + 151 + 211 \\
 514 &:= 2^8 + 6^1 + 6^3 + 16^1 + 20^1 = 28 + 61 + 63 + 161 + 201 \\
 514 &:= 2^8 + 6^1 + 6^3 + 17^1 + 19^1 = 28 + 61 + 63 + 171 + 191 \\
 514 &:= 2^8 + 6^1 + 6^3 + 18^1 + 18^1 = 28 + 61 + 63 + 181 + 181 \\
 514 &:= 2^8 + 6^1 + 6^3 + 9^1 + 27^1 = 28 + 61 + 63 + 91 + 271 \\
 514 &:= 2^8 + 6^2 + 10^2 + 11^2 + 21^0 = 28 + 62 + 102 + 112 + 210 \\
 514 &:= 2^8 + 6^3 + 10^1 + 10^1 + 22^1 = 28 + 63 + 101 + 101 + 221 \\
 514 &:= 2^8 + 6^3 + 10^1 + 11^1 + 21^1 = 28 + 63 + 101 + 111 + 211 \\
 514 &:= 2^8 + 6^3 + 10^1 + 12^1 + 20^1 = 28 + 63 + 101 + 121 + 201 \\
 514 &:= 2^8 + 6^3 + 10^1 + 13^1 + 19^1 = 28 + 63 + 101 + 131 + 191 \\
 514 &:= 2^8 + 6^3 + 10^1 + 14^1 + 18^1 = 28 + 63 + 101 + 141 + 181 \\
 514 &:= 2^8 + 6^3 + 10^1 + 15^1 + 17^1 = 28 + 63 + 101 + 151 + 171 \\
 514 &:= 2^8 + 6^3 + 10^1 + 16^1 + 16^1 = 28 + 63 + 101 + 161 + 161 \\
 514 &:= 2^8 + 6^3 + 11^1 + 11^1 + 20^1 = 28 + 63 + 111 + 111 + 201 \\
 514 &:= 2^8 + 6^3 + 11^1 + 12^1 + 19^1 = 28 + 63 + 111 + 121 + 191 \\
 514 &:= 2^8 + 6^3 + 11^1 + 13^1 + 18^1 = 28 + 63 + 111 + 131 + 181 \\
 514 &:= 2^8 + 6^3 + 11^1 + 14^1 + 17^1 = 28 + 63 + 111 + 141 + 171 \\
 514 &:= 2^8 + 6^3 + 11^1 + 15^1 + 16^1 = 28 + 63 + 111 + 151 + 161 \\
 514 &:= 2^8 + 6^3 + 12^1 + 12^1 + 18^1 = 28 + 63 + 121 + 121 + 181 \\
 514 &:= 2^8 + 6^3 + 12^1 + 13^1 + 17^1 = 28 + 63 + 121 + 131 + 171 \\
 514 &:= 2^8 + 6^3 + 12^1 + 14^1 + 16^1 = 28 + 63 + 121 + 141 + 161 \\
 514 &:= 2^8 + 6^3 + 12^1 + 15^1 + 15^1 = 28 + 63 + 121 + 151 + 151 \\
 514 &:= 2^8 + 6^3 + 13^1 + 13^1 + 16^1 = 28 + 63 + 131 + 131 + 161 \\
 514 &:= 2^8 + 6^3 + 13^1 + 14^1 + 15^1 = 28 + 63 + 131 + 141 + 151 \\
 514 &:= 2^8 + 6^3 + 14^1 + 14^1 + 14^1 = 28 + 63 + 141 + 141 + 141 \\
 514 &:= 2^8 + 6^3 + 7^1 + 10^1 + 25^1 = 28 + 63 + 71 + 101 + 251
 \end{aligned}$$

$$\begin{aligned}
 514 &:= 2^8 + 6^3 + 7^1 + 11^1 + 24^1 = 28 + 63 + 71 + 111 + 241 \\
 514 &:= 2^8 + 6^3 + 7^1 + 12^1 + 23^1 = 28 + 63 + 71 + 121 + 231 \\
 514 &:= 2^8 + 6^3 + 7^1 + 13^1 + 22^1 = 28 + 63 + 71 + 131 + 221 \\
 514 &:= 2^8 + 6^3 + 7^1 + 14^1 + 21^1 = 28 + 63 + 71 + 141 + 211 \\
 514 &:= 2^8 + 6^3 + 7^1 + 15^1 + 20^1 = 28 + 63 + 71 + 151 + 201 \\
 514 &:= 2^8 + 6^3 + 7^1 + 16^1 + 19^1 = 28 + 63 + 71 + 161 + 191 \\
 514 &:= 2^8 + 6^3 + 7^1 + 17^1 + 18^1 = 28 + 63 + 71 + 171 + 181 \\
 514 &:= 2^8 + 6^3 + 7^1 + 8^1 + 27^1 = 28 + 63 + 71 + 81 + 271 \\
 514 &:= 2^8 + 6^3 + 7^1 + 9^1 + 26^1 = 28 + 63 + 71 + 91 + 261 \\
 514 &:= 2^8 + 6^3 + 8^1 + 10^1 + 24^1 = 28 + 63 + 81 + 101 + 241 \\
 514 &:= 2^8 + 6^3 + 8^1 + 11^1 + 23^1 = 28 + 63 + 81 + 111 + 231 \\
 514 &:= 2^8 + 6^3 + 8^1 + 12^1 + 22^1 = 28 + 63 + 81 + 121 + 221 \\
 514 &:= 2^8 + 6^3 + 8^1 + 13^1 + 21^1 = 28 + 63 + 81 + 131 + 211 \\
 514 &:= 2^8 + 6^3 + 8^1 + 14^1 + 20^1 = 28 + 63 + 81 + 141 + 201 \\
 514 &:= 2^8 + 6^3 + 8^1 + 15^1 + 19^1 = 28 + 63 + 81 + 151 + 191 \\
 514 &:= 2^8 + 6^3 + 8^1 + 16^1 + 18^1 = 28 + 63 + 81 + 161 + 181 \\
 514 &:= 2^8 + 6^3 + 8^1 + 17^1 + 17^1 = 28 + 63 + 81 + 171 + 171 \\
 514 &:= 2^8 + 6^3 + 8^1 + 8^1 + 26^1 = 28 + 63 + 81 + 81 + 261 \\
 514 &:= 2^8 + 6^3 + 8^1 + 9^1 + 25^1 = 28 + 63 + 81 + 91 + 251 \\
 514 &:= 2^8 + 6^3 + 9^1 + 10^1 + 23^1 = 28 + 63 + 91 + 101 + 231 \\
 514 &:= 2^8 + 6^3 + 9^1 + 11^1 + 22^1 = 28 + 63 + 91 + 111 + 221 \\
 514 &:= 2^8 + 6^3 + 9^1 + 12^1 + 21^1 = 28 + 63 + 91 + 121 + 211 \\
 514 &:= 2^8 + 6^3 + 9^1 + 13^1 + 20^1 = 28 + 63 + 91 + 131 + 201 \\
 514 &:= 2^8 + 6^3 + 9^1 + 14^1 + 19^1 = 28 + 63 + 91 + 141 + 191 \\
 514 &:= 2^8 + 6^3 + 9^1 + 15^1 + 18^1 = 28 + 63 + 91 + 151 + 181 \\
 514 &:= 2^8 + 6^3 + 9^1 + 16^1 + 17^1 = 28 + 63 + 91 + 161 + 171 \\
 514 &:= 2^8 + 6^3 + 9^1 + 9^1 + 24^1 = 28 + 63 + 91 + 91 + 241 \\
 514 &:= 2^8 + 7^2 + 8^2 + 12^2 + 21^0 = 28 + 72 + 82 + 122 + 210 \\
 514 &:= 3^4 + 3^5 + 8^2 + 10^2 + 26^1 = 34 + 35 + 82 + 102 + 261
 \end{aligned}$$

2.2.416 Number 515

$$\begin{aligned}
 515 &:= 2^2 + 22^2 + 27^1 = 22 + 222 + 271 \\
 515 &:= 1^0 + 1^2 + 8^3 + 41^0 = 10 + 12 + 83 + 410 \\
 515 &:= 1^0 + 1^6 + 2^9 + 46^0 = 10 + 16 + 29 + 460 \\
 515 &:= 1^0 + 2^2 + 22^2 + 26^1 = 10 + 22 + 222 + 261 \\
 515 &:= 1^1 + 1^1 + 8^3 + 41^0 = 11 + 11 + 83 + 410
 \end{aligned}$$

$$\begin{aligned}
 515 &:= 1^1 + 1^5 + 2^9 + 46^0 = 11 + 15 + 29 + 460 \\
 515 &:= 1^2 + 1^4 + 2^9 + 46^0 = 12 + 14 + 29 + 460 \\
 515 &:= 1^2 + 2^0 + 8^3 + 40^0 = 12 + 20 + 83 + 400 \\
 515 &:= 1^2 + 3^0 + 8^3 + 39^0 = 12 + 30 + 83 + 390 \\
 515 &:= 1^2 + 4^0 + 8^3 + 38^0 = 12 + 40 + 83 + 380
 \end{aligned}$$

$515 := 1^2 + 5^0 + 8^3 + 37^0$	$= 12 + 50 + 83 + 370$	$515 := 1^6 + 2^9 + 4^0 + 43^0$	$= 16 + 29 + 40 + 430$
$515 := 1^2 + 6^0 + 8^3 + 36^0$	$= 12 + 60 + 83 + 360$	$515 := 1^6 + 2^9 + 5^0 + 42^0$	$= 16 + 29 + 50 + 420$
$515 := 1^2 + 7^0 + 8^3 + 35^0$	$= 12 + 70 + 83 + 350$	$515 := 1^6 + 2^9 + 6^0 + 41^0$	$= 16 + 29 + 60 + 410$
$515 := 1^2 + 8^0 + 8^3 + 34^0$	$= 12 + 80 + 83 + 340$	$515 := 1^6 + 2^9 + 7^0 + 40^0$	$= 16 + 29 + 70 + 400$
$515 := 1^2 + 8^3 + 10^0 + 32^0$	$= 12 + 83 + 100 + 320$	$515 := 1^6 + 2^9 + 8^0 + 39^0$	$= 16 + 29 + 80 + 390$
$515 := 1^2 + 8^3 + 11^0 + 31^0$	$= 12 + 83 + 110 + 310$	$515 := 1^6 + 2^9 + 9^0 + 38^0$	$= 16 + 29 + 90 + 380$
$515 := 1^2 + 8^3 + 12^0 + 30^0$	$= 12 + 83 + 120 + 300$	$515 := 1^7 + 1^9 + 2^9 + 45^0$	$= 17 + 19 + 29 + 450$
$515 := 1^2 + 8^3 + 13^0 + 29^0$	$= 12 + 83 + 130 + 290$	$515 := 1^8 + 1^8 + 2^9 + 45^0$	$= 18 + 18 + 29 + 450$
$515 := 1^2 + 8^3 + 14^0 + 28^0$	$= 12 + 83 + 140 + 280$	$515 := 2^1 + 16^2 + 16^2 + 17^0$	$= 21 + 162 + 162 + 170$
$515 := 1^2 + 8^3 + 15^0 + 27^0$	$= 12 + 83 + 150 + 270$	$515 := 3^2 + 5^0 + 21^1 + 22^2$	$= 32 + 50 + 211 + 222$
$515 := 1^2 + 8^3 + 16^0 + 26^0$	$= 12 + 83 + 160 + 260$	$515 := 4^2 + 11^0 + 14^1 + 22^2$	$= 42 + 110 + 141 + 222$
$515 := 1^2 + 8^3 + 17^0 + 25^0$	$= 12 + 83 + 170 + 250$	$515 := 5^1 + 5^2 + 19^0 + 22^2$	$= 51 + 52 + 190 + 222$
$515 := 1^2 + 8^3 + 18^0 + 24^0$	$= 12 + 83 + 180 + 240$	$515 := 7^0 + 10^2 + 14^1 + 20^2$	$= 70 + 102 + 141 + 202$
$515 := 1^2 + 8^3 + 19^0 + 23^0$	$= 12 + 83 + 190 + 230$	$515 := 8^2 + 9^1 + 13^0 + 21^2$	$= 82 + 91 + 130 + 212$
$515 := 1^2 + 8^3 + 20^0 + 22^0$	$= 12 + 83 + 200 + 220$	$515 := 9^1 + 11^0 + 12^2 + 19^2$	$= 91 + 110 + 122 + 192$
$515 := 1^2 + 8^3 + 21^0 + 21^0$	$= 12 + 83 + 210 + 210$	$515 := 1^0 + 1^0 + 2^2 + 22^2 + 25^1$	$= 10 + 10 + 22 + 222 + 251$
$515 := 1^2 + 8^3 + 9^0 + 33^0$	$= 12 + 83 + 90 + 330$	$515 := 1^0 + 1^1 + 16^2 + 16^2 + 17^0$	$= 10 + 11 + 162 + 162 + 170$
$515 := 1^3 + 1^3 + 2^9 + 46^0$	$= 13 + 13 + 29 + 460$	$515 := 1^0 + 3^0 + 7^3 + 13^2 + 27^0$	$= 10 + 30 + 73 + 132 + 270$
$515 := 1^3 + 1^9 + 8^3 + 40^0$	$= 13 + 19 + 83 + 400$	$515 := 1^0 + 3^2 + 5^0 + 20^1 + 22^2$	$= 10 + 32 + 50 + 201 + 222$
$515 := 1^4 + 1^8 + 8^3 + 40^0$	$= 14 + 18 + 83 + 400$	$515 := 1^0 + 4^0 + 7^3 + 13^2 + 26^0$	$= 10 + 40 + 73 + 132 + 260$
$515 := 1^5 + 1^7 + 8^3 + 40^0$	$= 15 + 17 + 83 + 400$	$515 := 1^0 + 4^1 + 5^2 + 19^0 + 22^2$	$= 10 + 41 + 52 + 190 + 222$
$515 := 1^6 + 1^6 + 8^3 + 40^0$	$= 16 + 16 + 83 + 400$	$515 := 1^0 + 4^2 + 11^0 + 13^1 + 22^2$	$= 10 + 42 + 110 + 131 + 222$
$515 := 1^6 + 2^0 + 2^9 + 45^0$	$= 16 + 20 + 29 + 450$	$515 := 1^0 + 5^0 + 7^3 + 13^2 + 25^0$	$= 10 + 50 + 73 + 132 + 250$
$515 := 1^6 + 2^9 + 10^0 + 37^0$	$= 16 + 29 + 100 + 370$	$515 := 1^0 + 6^0 + 7^3 + 13^2 + 24^0$	$= 10 + 60 + 73 + 132 + 240$
$515 := 1^6 + 2^9 + 11^0 + 36^0$	$= 16 + 29 + 110 + 360$	$515 := 1^0 + 7^0 + 10^2 + 13^1 + 20^2$	$= 10 + 70 + 102 + 131 + 202$
$515 := 1^6 + 2^9 + 12^0 + 35^0$	$= 16 + 29 + 120 + 350$	$515 := 1^0 + 7^0 + 7^3 + 13^2 + 23^0$	$= 10 + 70 + 73 + 132 + 230$
$515 := 1^6 + 2^9 + 13^0 + 34^0$	$= 16 + 29 + 130 + 340$	$515 := 1^0 + 7^3 + 10^0 + 13^2 + 20^0$	$= 10 + 73 + 100 + 132 + 200$
$515 := 1^6 + 2^9 + 14^0 + 33^0$	$= 16 + 29 + 140 + 330$	$515 := 1^0 + 7^3 + 11^0 + 13^2 + 19^0$	$= 10 + 73 + 110 + 132 + 190$
$515 := 1^6 + 2^9 + 15^0 + 32^0$	$= 16 + 29 + 150 + 320$	$515 := 1^0 + 7^3 + 12^0 + 13^2 + 18^0$	$= 10 + 73 + 120 + 132 + 180$
$515 := 1^6 + 2^9 + 16^0 + 31^0$	$= 16 + 29 + 160 + 310$	$515 := 1^0 + 7^3 + 13^0 + 13^2 + 17^0$	$= 10 + 73 + 130 + 132 + 170$
$515 := 1^6 + 2^9 + 17^0 + 30^0$	$= 16 + 29 + 170 + 300$	$515 := 1^0 + 7^3 + 13^2 + 14^0 + 16^0$	$= 10 + 73 + 132 + 140 + 160$
$515 := 1^6 + 2^9 + 18^0 + 29^0$	$= 16 + 29 + 180 + 290$	$515 := 1^0 + 7^3 + 13^2 + 15^0 + 15^0$	$= 10 + 73 + 132 + 150 + 150$
$515 := 1^6 + 2^9 + 19^0 + 28^0$	$= 16 + 29 + 190 + 280$	$515 := 1^0 + 7^3 + 8^0 + 13^2 + 22^0$	$= 10 + 73 + 80 + 132 + 220$
$515 := 1^6 + 2^9 + 20^0 + 27^0$	$= 16 + 29 + 200 + 270$	$515 := 1^0 + 7^3 + 9^0 + 13^2 + 21^0$	$= 10 + 73 + 90 + 132 + 210$
$515 := 1^6 + 2^9 + 21^0 + 26^0$	$= 16 + 29 + 210 + 260$	$515 := 1^0 + 8^1 + 11^0 + 12^2 + 19^2$	$= 10 + 81 + 110 + 122 + 192$
$515 := 1^6 + 2^9 + 22^0 + 25^0$	$= 16 + 29 + 220 + 250$	$515 := 1^0 + 8^1 + 8^2 + 13^0 + 21^2$	$= 10 + 81 + 82 + 130 + 212$
$515 := 1^6 + 2^9 + 23^0 + 24^0$	$= 16 + 29 + 230 + 240$	$515 := 1^1 + 2^0 + 16^0 + 16^2 + 16^2$	$= 11 + 20 + 160 + 162 + 162$
$515 := 1^6 + 2^9 + 3^0 + 44^0$	$= 16 + 29 + 30 + 440$	$515 := 1^1 + 3^0 + 15^0 + 16^2 + 16^2$	$= 11 + 30 + 150 + 162 + 162$

$$\begin{aligned} 515 &:= 1^1 + 4^0 + 14^0 + 16^2 + 16^2 = 11 + 40 + 140 + 162 + 162 & 515 &:= 1^7 + 2^3 + 6^3 + 17^2 + 24^0 = 17 + 23 + 63 + 172 + 240 \\ 515 &:= 1^1 + 5^0 + 13^0 + 16^2 + 16^2 = 11 + 50 + 130 + 162 + 162 & 515 &:= 1^7 + 3^3 + 5^3 + 19^2 + 22^0 = 17 + 33 + 53 + 192 + 220 \\ 515 &:= 1^1 + 6^0 + 12^0 + 16^2 + 16^2 = 11 + 60 + 120 + 162 + 162 & 515 &:= 1^7 + 3^5 + 14^1 + 16^0 + 16^2 = 17 + 35 + 141 + 160 + 162 \\ 515 &:= 1^1 + 7^0 + 11^0 + 16^2 + 16^2 = 11 + 70 + 110 + 162 + 162 & 515 &:= 1^7 + 4^3 + 5^3 + 18^2 + 22^0 = 17 + 43 + 53 + 182 + 220 \\ 515 &:= 1^1 + 8^0 + 10^0 + 16^2 + 16^2 = 11 + 80 + 100 + 162 + 162 & 515 &:= 1^7 + 4^4 + 4^4 + 14^0 + 27^0 = 17 + 44 + 44 + 140 + 270 \\ 515 &:= 1^1 + 9^0 + 9^0 + 16^2 + 16^2 = 11 + 90 + 90 + 162 + 162 & 515 &:= 1^7 + 4^4 + 4^4 + 15^0 + 26^0 = 17 + 44 + 44 + 150 + 260 \\ 515 &:= 1^2 + 1^9 + 16^0 + 16^2 + 16^2 = 12 + 19 + 160 + 162 + 162 & 515 &:= 1^7 + 4^4 + 4^4 + 16^0 + 25^0 = 17 + 44 + 44 + 160 + 250 \\ 515 &:= 1^3 + 1^8 + 16^0 + 16^2 + 16^2 = 13 + 18 + 160 + 162 + 162 & 515 &:= 1^7 + 4^4 + 4^4 + 17^0 + 24^0 = 17 + 44 + 44 + 170 + 240 \\ 515 &:= 1^3 + 2^8 + 4^4 + 16^0 + 27^0 = 13 + 28 + 44 + 160 + 270 & 515 &:= 1^7 + 4^4 + 4^4 + 18^0 + 23^0 = 17 + 44 + 44 + 180 + 230 \\ 515 &:= 1^3 + 2^8 + 4^4 + 17^0 + 26^0 = 13 + 28 + 44 + 170 + 260 & 515 &:= 1^7 + 4^4 + 4^4 + 19^0 + 22^0 = 17 + 44 + 44 + 190 + 220 \\ 515 &:= 1^3 + 2^8 + 4^4 + 18^0 + 25^0 = 13 + 28 + 44 + 180 + 250 & 515 &:= 1^7 + 4^4 + 4^4 + 20^0 + 21^0 = 17 + 44 + 44 + 200 + 210 \\ 515 &:= 1^3 + 2^8 + 4^4 + 19^0 + 24^0 = 13 + 28 + 44 + 190 + 240 & 515 &:= 1^8 + 2^3 + 12^2 + 16^0 + 19^2 = 18 + 23 + 122 + 160 + 192 \\ 515 &:= 1^3 + 2^8 + 4^4 + 20^0 + 23^0 = 13 + 28 + 44 + 200 + 230 & 515 &:= 1^8 + 2^3 + 8^2 + 18^0 + 21^2 = 18 + 23 + 82 + 180 + 212 \\ 515 &:= 1^3 + 2^8 + 4^4 + 21^0 + 22^0 = 13 + 28 + 44 + 210 + 220 & 515 &:= 1^8 + 2^4 + 12^0 + 13^1 + 22^2 = 18 + 24 + 120 + 131 + 222 \\ 515 &:= 1^4 + 1^7 + 16^0 + 16^2 + 16^2 = 14 + 17 + 160 + 162 + 162 & 515 &:= 1^8 + 4^3 + 7^2 + 18^0 + 20^2 = 18 + 43 + 72 + 180 + 202 \\ 515 &:= 1^4 + 2^3 + 2^6 + 21^2 + 24^0 = 14 + 23 + 26 + 212 + 240 & 515 &:= 1^8 + 5^3 + 8^2 + 18^0 + 18^2 = 18 + 53 + 82 + 180 + 182 \\ 515 &:= 1^4 + 2^5 + 3^4 + 20^2 + 24^0 = 14 + 25 + 34 + 202 + 240 & 515 &:= 1^8 + 7^2 + 7^3 + 11^2 + 24^0 = 18 + 72 + 73 + 112 + 240 \\ 515 &:= 1^4 + 2^6 + 5^3 + 18^2 + 24^0 = 14 + 26 + 53 + 182 + 240 & 515 &:= 1^9 + 10^0 + 11^2 + 14^2 + 14^2 = 19 + 100 + 112 + 142 + 142 \\ 515 &:= 1^4 + 3^5 + 3^5 + 16^0 + 27^1 = 14 + 35 + 35 + 160 + 271 & 515 &:= 1^9 + 10^0 + 12^2 + 12^2 + 15^2 = 19 + 100 + 122 + 122 + 152 \\ 515 &:= 1^5 + 1^6 + 16^0 + 16^2 + 16^2 = 15 + 16 + 160 + 162 + 162 & 515 &:= 1^9 + 2^0 + 4^4 + 16^2 + 27^0 = 19 + 20 + 44 + 162 + 270 \\ 515 &:= 1^5 + 2^6 + 7^2 + 20^0 + 20^2 = 15 + 26 + 72 + 200 + 202 & 515 &:= 1^9 + 2^1 + 3^3 + 22^0 + 22^2 = 19 + 21 + 33 + 220 + 222 \\ 515 &:= 1^5 + 2^7 + 4^0 + 19^2 + 24^1 = 15 + 27 + 40 + 192 + 241 & 515 &:= 1^9 + 2^2 + 5^2 + 20^0 + 22^2 = 19 + 22 + 52 + 200 + 222 \\ 515 &:= 1^5 + 2^8 + 10^0 + 16^2 + 21^0 = 15 + 28 + 100 + 162 + 210 & 515 &:= 1^9 + 2^3 + 4^0 + 21^1 + 22^2 = 19 + 23 + 40 + 211 + 222 \\ 515 &:= 1^5 + 2^8 + 11^0 + 16^2 + 20^0 = 15 + 28 + 110 + 162 + 200 & 515 &:= 1^9 + 2^8 + 2^8 + 17^0 + 27^0 = 19 + 28 + 28 + 170 + 270 \\ 515 &:= 1^5 + 2^8 + 12^0 + 16^2 + 19^0 = 15 + 28 + 120 + 162 + 190 & 515 &:= 1^9 + 2^8 + 2^8 + 18^0 + 26^0 = 19 + 28 + 28 + 180 + 260 \\ 515 &:= 1^5 + 2^8 + 13^0 + 16^2 + 18^0 = 15 + 28 + 130 + 162 + 180 & 515 &:= 1^9 + 2^8 + 2^8 + 19^0 + 25^0 = 19 + 28 + 28 + 190 + 250 \\ 515 &:= 1^5 + 2^8 + 14^0 + 16^2 + 17^0 = 15 + 28 + 140 + 162 + 170 & 515 &:= 1^9 + 2^8 + 2^8 + 20^0 + 24^0 = 19 + 28 + 28 + 200 + 240 \\ 515 &:= 1^5 + 2^8 + 15^0 + 16^0 + 16^2 = 15 + 28 + 150 + 160 + 162 & 515 &:= 1^9 + 2^8 + 2^8 + 21^0 + 23^0 = 19 + 28 + 28 + 210 + 230 \\ 515 &:= 1^5 + 2^8 + 4^0 + 16^2 + 27^0 = 15 + 28 + 40 + 162 + 270 & 515 &:= 1^9 + 2^8 + 2^8 + 22^0 + 22^0 = 19 + 28 + 28 + 220 + 220 \\ 515 &:= 1^5 + 2^8 + 5^0 + 16^2 + 26^0 = 15 + 28 + 50 + 162 + 260 & 515 &:= 1^9 + 3^0 + 4^4 + 16^2 + 26^0 = 19 + 30 + 44 + 162 + 260 \\ 515 &:= 1^5 + 2^8 + 6^0 + 16^2 + 25^0 = 15 + 28 + 60 + 162 + 250 & 515 &:= 1^9 + 4^0 + 4^4 + 16^2 + 25^0 = 19 + 40 + 44 + 162 + 250 \\ 515 &:= 1^5 + 2^8 + 7^0 + 16^2 + 24^0 = 15 + 28 + 70 + 162 + 240 & 515 &:= 1^9 + 4^0 + 7^3 + 12^2 + 26^1 = 19 + 40 + 73 + 122 + 261 \\ 515 &:= 1^5 + 2^8 + 8^0 + 16^2 + 23^0 = 15 + 28 + 80 + 162 + 230 & 515 &:= 1^9 + 4^3 + 8^1 + 16^0 + 21^2 = 19 + 43 + 81 + 160 + 212 \\ 515 &:= 1^5 + 2^8 + 9^0 + 16^2 + 22^0 = 15 + 28 + 90 + 162 + 220 & 515 &:= 1^9 + 4^4 + 10^0 + 16^2 + 19^0 = 19 + 44 + 100 + 162 + 190 \\ 515 &:= 1^6 + 2^5 + 15^2 + 16^0 + 16^2 = 16 + 25 + 152 + 160 + 162 & 515 &:= 1^9 + 4^4 + 11^0 + 16^2 + 18^0 = 19 + 44 + 110 + 162 + 180 \\ 515 &:= 1^6 + 2^5 + 9^2 + 18^0 + 20^2 = 16 + 25 + 92 + 180 + 202 & 515 &:= 1^9 + 4^4 + 12^0 + 16^2 + 17^0 = 19 + 44 + 120 + 162 + 170 \\ 515 &:= 1^6 + 2^6 + 8^1 + 18^0 + 21^2 = 16 + 26 + 81 + 180 + 212 & 515 &:= 1^9 + 4^4 + 13^0 + 16^0 + 16^2 = 19 + 44 + 130 + 160 + 162 \\ 515 &:= 1^7 + 2^3 + 4^3 + 21^2 + 22^0 = 17 + 23 + 43 + 212 + 220 & 515 &:= 1^9 + 4^4 + 14^0 + 15^0 + 16^2 = 19 + 44 + 140 + 150 + 162 \end{aligned}$$

$$\begin{aligned}
 515 &:= 1^9 + 4^4 + 5^0 + 16^2 + 24^0 = 19 + 44 + 50 + 162 + 240 & 515 &:= 2^5 + 2^8 + 13^0 + 15^2 + 18^0 = 25 + 28 + 130 + 152 + 180 \\
 515 &:= 1^9 + 4^4 + 6^0 + 16^2 + 23^0 = 19 + 44 + 60 + 162 + 230 & 515 &:= 2^5 + 2^8 + 14^0 + 15^2 + 17^0 = 25 + 28 + 140 + 152 + 170 \\
 515 &:= 1^9 + 4^4 + 7^0 + 16^2 + 22^0 = 19 + 44 + 70 + 162 + 220 & 515 &:= 2^5 + 2^8 + 15^0 + 15^2 + 16^0 = 25 + 28 + 150 + 152 + 160 \\
 515 &:= 1^9 + 4^4 + 8^0 + 16^2 + 21^0 = 19 + 44 + 80 + 162 + 210 & 515 &:= 2^5 + 2^8 + 4^0 + 15^2 + 27^0 = 25 + 28 + 40 + 152 + 270 \\
 515 &:= 1^9 + 4^4 + 9^0 + 16^2 + 20^0 = 19 + 44 + 90 + 162 + 200 & 515 &:= 2^5 + 2^8 + 5^0 + 15^2 + 26^0 = 25 + 28 + 50 + 152 + 260 \\
 515 &:= 1^9 + 6^2 + 6^2 + 16^0 + 21^2 = 19 + 62 + 62 + 160 + 212 & 515 &:= 2^5 + 2^8 + 6^0 + 15^2 + 25^0 = 25 + 28 + 60 + 152 + 250 \\
 515 &:= 1^9 + 6^3 + 8^1 + 17^2 + 18^0 = 19 + 63 + 81 + 172 + 180 & 515 &:= 2^5 + 2^8 + 7^0 + 15^2 + 24^0 = 25 + 28 + 70 + 152 + 240 \\
 515 &:= 1^9 + 7^2 + 8^2 + 14^0 + 20^2 = 19 + 72 + 82 + 140 + 202 & 515 &:= 2^5 + 2^8 + 8^0 + 15^2 + 23^0 = 25 + 28 + 80 + 152 + 230 \\
 515 &:= 2^0 + 2^0 + 7^3 + 13^2 + 27^0 = 20 + 20 + 73 + 132 + 270 & 515 &:= 2^5 + 2^8 + 9^0 + 15^2 + 22^0 = 25 + 28 + 90 + 152 + 220 \\
 515 &:= 2^0 + 2^6 + 2^6 + 19^2 + 25^1 = 20 + 26 + 26 + 192 + 251 & 515 &:= 2^7 + 3^4 + 4^2 + 17^2 + 24^0 = 27 + 34 + 42 + 172 + 240 \\
 515 &:= 2^0 + 3^0 + 7^3 + 13^2 + 26^0 = 20 + 30 + 73 + 132 + 260 & 515 &:= 2^7 + 3^4 + 7^2 + 16^2 + 22^0 = 27 + 34 + 72 + 162 + 220 \\
 515 &:= 2^0 + 3^2 + 4^0 + 20^1 + 22^2 = 20 + 32 + 40 + 201 + 222 & 515 &:= 2^7 + 3^5 + 11^2 + 12^0 + 22^1 = 27 + 35 + 112 + 120 + 221 \\
 515 &:= 2^0 + 4^0 + 7^3 + 13^2 + 25^0 = 20 + 40 + 73 + 132 + 250 & 515 &:= 2^8 + 3^3 + 6^3 + 15^1 + 24^0 = 28 + 33 + 63 + 151 + 240 \\
 515 &:= 2^0 + 4^1 + 5^2 + 18^0 + 22^2 = 20 + 41 + 52 + 180 + 222 & 515 &:= 2^8 + 3^4 + 8^1 + 13^2 + 24^0 = 28 + 34 + 81 + 132 + 240 \\
 515 &:= 2^0 + 4^2 + 10^0 + 13^1 + 22^2 = 20 + 42 + 100 + 131 + 222 & 515 &:= 2^8 + 4^3 + 5^2 + 13^2 + 26^0 = 28 + 43 + 52 + 132 + 260 \\
 515 &:= 2^0 + 5^0 + 7^3 + 13^2 + 24^0 = 20 + 50 + 73 + 132 + 240 & 515 &:= 3^0 + 3^0 + 3^2 + 20^1 + 22^2 = 30 + 30 + 32 + 201 + 222 \\
 515 &:= 2^0 + 6^0 + 10^2 + 13^1 + 20^2 = 20 + 60 + 102 + 131 + 202 & 515 &:= 3^0 + 3^0 + 7^3 + 13^2 + 25^0 = 30 + 30 + 73 + 132 + 250 \\
 515 &:= 2^0 + 6^0 + 7^3 + 13^2 + 23^0 = 20 + 60 + 73 + 132 + 230 & 515 &:= 3^0 + 4^0 + 7^3 + 13^2 + 24^0 = 30 + 40 + 73 + 132 + 240 \\
 515 &:= 2^0 + 7^0 + 7^3 + 13^2 + 22^0 = 20 + 70 + 73 + 132 + 220 & 515 &:= 3^0 + 4^1 + 5^2 + 17^0 + 22^2 = 30 + 41 + 52 + 170 + 222 \\
 515 &:= 2^0 + 7^3 + 10^0 + 13^2 + 19^0 = 20 + 73 + 100 + 132 + 190 & 515 &:= 3^0 + 4^2 + 9^0 + 13^1 + 22^2 = 30 + 42 + 90 + 131 + 222 \\
 515 &:= 2^0 + 7^3 + 11^0 + 13^2 + 18^0 = 20 + 73 + 110 + 132 + 180 & 515 &:= 3^0 + 5^0 + 10^2 + 13^1 + 20^2 = 30 + 50 + 102 + 131 + 202 \\
 515 &:= 2^0 + 7^3 + 12^0 + 13^2 + 17^0 = 20 + 73 + 120 + 132 + 170 & 515 &:= 3^0 + 5^0 + 7^3 + 13^2 + 23^0 = 30 + 50 + 73 + 132 + 230 \\
 515 &:= 2^0 + 7^3 + 13^0 + 13^2 + 16^0 = 20 + 73 + 130 + 132 + 160 & 515 &:= 3^0 + 6^0 + 7^3 + 13^2 + 22^0 = 30 + 60 + 73 + 132 + 220 \\
 515 &:= 2^0 + 7^3 + 13^2 + 14^0 + 15^0 = 20 + 73 + 132 + 140 + 150 & 515 &:= 3^0 + 7^0 + 7^3 + 13^2 + 21^0 = 30 + 70 + 73 + 132 + 210 \\
 515 &:= 2^0 + 7^3 + 8^0 + 13^2 + 21^0 = 20 + 73 + 80 + 132 + 210 & 515 &:= 3^0 + 7^3 + 10^0 + 13^2 + 18^0 = 30 + 73 + 100 + 132 + 180 \\
 515 &:= 2^0 + 7^3 + 9^0 + 13^2 + 20^0 = 20 + 73 + 90 + 132 + 200 & 515 &:= 3^0 + 7^3 + 11^0 + 13^2 + 17^0 = 30 + 73 + 110 + 132 + 170 \\
 515 &:= 2^0 + 8^1 + 10^0 + 12^2 + 19^2 = 20 + 81 + 100 + 122 + 192 & 515 &:= 3^0 + 7^3 + 12^0 + 13^2 + 16^0 = 30 + 73 + 120 + 132 + 160 \\
 515 &:= 2^0 + 8^1 + 8^2 + 12^0 + 21^2 = 20 + 81 + 82 + 120 + 212 & 515 &:= 3^0 + 7^3 + 13^0 + 13^2 + 15^0 = 30 + 73 + 130 + 132 + 150 \\
 515 &:= 2^3 + 2^6 + 3^4 + 19^2 + 24^0 = 23 + 26 + 34 + 192 + 240 & 515 &:= 3^0 + 7^3 + 13^2 + 14^0 + 14^0 = 30 + 73 + 132 + 140 + 140 \\
 515 &:= 2^3 + 2^8 + 5^2 + 15^2 + 26^0 = 23 + 28 + 52 + 152 + 260 & 515 &:= 3^0 + 7^3 + 8^0 + 13^2 + 20^0 = 30 + 73 + 80 + 132 + 200 \\
 515 &:= 2^3 + 2^8 + 9^2 + 13^2 + 24^0 = 23 + 28 + 92 + 132 + 240 & 515 &:= 3^0 + 7^3 + 9^0 + 13^2 + 19^0 = 30 + 73 + 90 + 132 + 190 \\
 515 &:= 2^4 + 2^7 + 3^2 + 19^2 + 24^0 = 24 + 27 + 32 + 192 + 240 & 515 &:= 3^0 + 8^1 + 8^2 + 11^0 + 21^2 = 30 + 81 + 82 + 110 + 212 \\
 515 &:= 2^4 + 2^7 + 7^3 + 12^0 + 27^1 = 24 + 27 + 73 + 120 + 271 & 515 &:= 3^0 + 8^1 + 9^0 + 12^2 + 19^2 = 30 + 81 + 90 + 122 + 192 \\
 515 &:= 2^4 + 2^7 + 9^2 + 17^2 + 20^0 = 24 + 27 + 92 + 172 + 200 & 515 &:= 4^0 + 4^0 + 10^2 + 13^1 + 20^2 = 40 + 40 + 102 + 131 + 202 \\
 515 &:= 2^4 + 2^8 + 14^0 + 15^2 + 17^1 = 24 + 28 + 140 + 152 + 171 & 515 &:= 4^0 + 4^0 + 7^3 + 13^2 + 23^0 = 40 + 40 + 73 + 132 + 230 \\
 515 &:= 2^5 + 2^8 + 10^0 + 15^2 + 21^0 = 25 + 28 + 100 + 152 + 210 & 515 &:= 4^0 + 4^1 + 5^2 + 16^0 + 22^2 = 40 + 41 + 52 + 160 + 222 \\
 515 &:= 2^5 + 2^8 + 11^0 + 15^2 + 20^0 = 25 + 28 + 110 + 152 + 200 & 515 &:= 4^0 + 4^2 + 8^0 + 13^1 + 22^2 = 40 + 42 + 80 + 131 + 222 \\
 515 &:= 2^5 + 2^8 + 12^0 + 15^2 + 19^0 = 25 + 28 + 120 + 152 + 190 & 515 &:= 4^0 + 5^0 + 7^3 + 13^2 + 22^0 = 40 + 50 + 73 + 132 + 220
 \end{aligned}$$

$515 := 4^0 + 6^0 + 7^3 + 13^2 + 21^0 = 40 + 60 + 73 + 132 + 210$	$515 := 5^0 + 7^3 + 9^0 + 13^2 + 17^0 = 50 + 73 + 90 + 132 + 170$
$515 := 4^0 + 7^0 + 7^3 + 13^2 + 20^0 = 40 + 70 + 73 + 132 + 200$	$515 := 5^0 + 8^1 + 8^2 + 9^0 + 21^2 = 50 + 81 + 82 + 90 + 212$
$515 := 4^0 + 7^3 + 10^0 + 13^2 + 17^0 = 40 + 73 + 100 + 132 + 170$	$515 := 6^0 + 6^0 + 7^3 + 13^2 + 19^0 = 60 + 60 + 73 + 132 + 190$
$515 := 4^0 + 7^3 + 11^0 + 13^2 + 16^0 = 40 + 73 + 110 + 132 + 160$	$515 := 6^0 + 6^0 + 8^1 + 12^2 + 19^2 = 60 + 60 + 81 + 122 + 192$
$515 := 4^0 + 7^3 + 12^0 + 13^2 + 15^0 = 40 + 73 + 120 + 132 + 150$	$515 := 6^0 + 7^0 + 7^3 + 13^2 + 18^0 = 60 + 70 + 73 + 132 + 180$
$515 := 4^0 + 7^3 + 13^0 + 13^2 + 14^0 = 40 + 73 + 130 + 132 + 140$	$515 := 6^0 + 7^3 + 10^0 + 13^2 + 15^0 = 60 + 73 + 100 + 132 + 150$
$515 := 4^0 + 7^3 + 8^0 + 13^2 + 19^0 = 40 + 73 + 80 + 132 + 190$	$515 := 6^0 + 7^3 + 11^0 + 13^2 + 14^0 = 60 + 73 + 110 + 132 + 140$
$515 := 4^0 + 7^3 + 9^0 + 13^2 + 18^0 = 40 + 73 + 90 + 132 + 180$	$515 := 6^0 + 7^3 + 12^0 + 13^0 + 13^2 = 60 + 73 + 120 + 130 + 132$
$515 := 4^0 + 8^0 + 8^1 + 12^2 + 19^2 = 40 + 80 + 81 + 122 + 192$	$515 := 6^0 + 7^3 + 8^0 + 13^2 + 17^0 = 60 + 73 + 80 + 132 + 170$
$515 := 4^0 + 8^1 + 8^2 + 10^0 + 21^2 = 40 + 81 + 82 + 100 + 212$	$515 := 6^0 + 7^3 + 9^0 + 13^2 + 16^0 = 60 + 73 + 90 + 132 + 160$
$515 := 4^1 + 5^0 + 5^2 + 15^0 + 22^2 = 41 + 50 + 52 + 150 + 222$	$515 := 6^0 + 8^0 + 8^1 + 8^2 + 21^2 = 60 + 80 + 81 + 82 + 212$
$515 := 4^1 + 5^2 + 10^0 + 10^0 + 22^2 = 41 + 52 + 100 + 100 + 222$	$515 := 7^0 + 7^0 + 7^3 + 13^2 + 17^0 = 70 + 70 + 73 + 132 + 170$
$515 := 4^1 + 5^2 + 6^0 + 14^0 + 22^2 = 41 + 52 + 60 + 140 + 222$	$515 := 7^0 + 7^0 + 8^1 + 8^2 + 21^2 = 70 + 70 + 81 + 82 + 212$
$515 := 4^1 + 5^2 + 7^0 + 13^0 + 22^2 = 41 + 52 + 70 + 130 + 222$	$515 := 7^0 + 7^3 + 10^0 + 13^2 + 14^0 = 70 + 73 + 100 + 132 + 140$
$515 := 4^1 + 5^2 + 8^0 + 12^0 + 22^2 = 41 + 52 + 80 + 120 + 222$	$515 := 7^0 + 7^3 + 11^0 + 13^0 + 13^2 = 70 + 73 + 110 + 130 + 132$
$515 := 4^1 + 5^2 + 9^0 + 11^0 + 22^2 = 41 + 52 + 90 + 110 + 222$	$515 := 7^0 + 7^3 + 12^0 + 12^0 + 13^2 = 70 + 73 + 120 + 120 + 132$
$515 := 4^2 + 5^0 + 7^0 + 13^1 + 22^2 = 42 + 50 + 70 + 131 + 222$	$515 := 7^0 + 7^3 + 8^0 + 13^2 + 16^0 = 70 + 73 + 80 + 132 + 160$
$515 := 4^2 + 6^0 + 6^0 + 13^1 + 22^2 = 42 + 60 + 60 + 131 + 222$	$515 := 7^0 + 7^3 + 9^0 + 13^2 + 15^0 = 70 + 73 + 90 + 132 + 150$
$515 := 5^0 + 5^0 + 7^3 + 13^2 + 21^0 = 50 + 50 + 73 + 132 + 210$	$515 := 7^3 + 10^0 + 10^0 + 11^0 + 13^2 = 73 + 100 + 100 + 110 + 132$
$515 := 5^0 + 6^0 + 7^3 + 13^2 + 20^0 = 50 + 60 + 73 + 132 + 200$	$515 := 7^3 + 8^0 + 10^0 + 13^0 + 13^2 = 73 + 80 + 100 + 130 + 132$
$515 := 5^0 + 7^0 + 7^3 + 13^2 + 19^0 = 50 + 70 + 73 + 132 + 190$	$515 := 7^3 + 8^0 + 11^0 + 12^0 + 13^2 = 73 + 80 + 110 + 120 + 132$
$515 := 5^0 + 7^0 + 8^1 + 12^2 + 19^2 = 50 + 70 + 81 + 122 + 192$	$515 := 7^3 + 8^0 + 8^0 + 13^2 + 15^0 = 73 + 80 + 80 + 132 + 150$
$515 := 5^0 + 7^3 + 10^0 + 13^2 + 16^0 = 50 + 73 + 100 + 132 + 160$	$515 := 7^3 + 8^0 + 9^0 + 13^2 + 14^0 = 73 + 80 + 90 + 132 + 140$
$515 := 5^0 + 7^3 + 11^0 + 13^2 + 15^0 = 50 + 73 + 110 + 132 + 150$	$515 := 7^3 + 9^0 + 10^0 + 12^0 + 13^2 = 73 + 90 + 100 + 120 + 132$
$515 := 5^0 + 7^3 + 12^0 + 13^2 + 14^0 = 50 + 73 + 120 + 132 + 140$	$515 := 7^3 + 9^0 + 11^0 + 11^0 + 13^2 = 73 + 90 + 110 + 110 + 132$
$515 := 5^0 + 7^3 + 13^0 + 13^0 + 13^2 = 50 + 73 + 130 + 130 + 132$	$515 := 7^3 + 9^0 + 9^0 + 13^0 + 13^2 = 73 + 90 + 90 + 130 + 132$
$515 := 5^0 + 7^3 + 8^0 + 13^2 + 18^0 = 50 + 73 + 80 + 132 + 180$	

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$516 := 1^2 + 15^2 + 17^2 + 18^0 = 12 + 152 + 172 + 180$	$516 := 4^0 + 7^3 + 12^2 + 28^1 = 40 + 73 + 122 + 281$
$516 := 1^2 + 2^1 + 8^3 + 40^0 = 12 + 21 + 83 + 400$	$516 := 4^3 + 10^1 + 16^0 + 21^2 = 43 + 101 + 160 + 212$
$516 := 1^6 + 2^1 + 2^9 + 45^0 = 16 + 21 + 29 + 450$	$516 := 5^2 + 7^2 + 18^0 + 21^2 = 52 + 72 + 180 + 212$
$516 := 11^2 + 12^0 + 13^2 + 15^2 = 112 + 120 + 132 + 152$	$516 := 6^3 + 10^1 + 17^2 + 18^0 = 63 + 101 + 172 + 180$
$516 := 2^3 + 4^0 + 22^2 + 23^1 = 23 + 40 + 222 + 231$	$516 := 1^0 + 1^3 + 8^3 + 14^0 + 27^0 = 10 + 13 + 83 + 140 + 270$
$516 := 2^5 + 2^8 + 14^2 + 32^1 = 25 + 28 + 142 + 321$	$516 := 1^0 + 1^3 + 8^3 + 15^0 + 26^0 = 10 + 13 + 83 + 150 + 260$
$516 := 3^1 + 7^3 + 13^2 + 28^0 = 31 + 73 + 132 + 280$	$516 := 1^0 + 1^3 + 8^3 + 16^0 + 25^0 = 10 + 13 + 83 + 160 + 250$
$516 := 3^3 + 4^1 + 22^0 + 22^2 = 33 + 41 + 220 + 222$	$516 := 1^0 + 1^3 + 8^3 + 17^0 + 24^0 = 10 + 13 + 83 + 170 + 240$

$$\begin{aligned} 516 &:= 1^0 + 1^3 + 8^3 + 18^0 + 23^0 = 10 + 13 + 83 + 180 + 230 \\ 516 &:= 1^0 + 1^3 + 8^3 + 19^0 + 22^0 = 10 + 13 + 83 + 190 + 220 \\ 516 &:= 1^0 + 1^3 + 8^3 + 20^0 + 21^0 = 10 + 13 + 83 + 200 + 210 \\ 516 &:= 1^0 + 1^7 + 2^9 + 19^0 + 27^0 = 10 + 17 + 29 + 190 + 270 \\ 516 &:= 1^0 + 1^7 + 2^9 + 20^0 + 26^0 = 10 + 17 + 29 + 200 + 260 \\ 516 &:= 1^0 + 1^7 + 2^9 + 21^0 + 25^0 = 10 + 17 + 29 + 210 + 250 \\ 516 &:= 1^0 + 1^7 + 2^9 + 22^0 + 24^0 = 10 + 17 + 29 + 220 + 240 \\ 516 &:= 1^0 + 1^7 + 2^9 + 23^0 + 23^0 = 10 + 17 + 29 + 230 + 230 \\ 516 &:= 1^0 + 2^3 + 4^0 + 22^1 + 22^2 = 10 + 23 + 40 + 221 + 222 \\ 516 &:= 1^0 + 3^1 + 3^3 + 22^0 + 22^2 = 10 + 31 + 33 + 220 + 222 \\ 516 &:= 1^0 + 3^2 + 12^2 + 16^0 + 19^2 = 10 + 32 + 122 + 160 + 192 \\ 516 &:= 1^0 + 3^2 + 8^2 + 18^0 + 21^2 = 10 + 32 + 82 + 180 + 212 \\ 516 &:= 1^0 + 4^0 + 7^3 + 12^2 + 27^1 = 10 + 40 + 73 + 122 + 271 \\ 516 &:= 1^0 + 4^3 + 9^1 + 16^0 + 21^2 = 10 + 43 + 91 + 160 + 212 \\ 516 &:= 1^0 + 6^3 + 9^1 + 17^2 + 18^0 = 10 + 63 + 91 + 172 + 180 \\ 516 &:= 1^0 + 8^2 + 12^0 + 15^2 + 15^2 = 10 + 82 + 120 + 152 + 152 \\ 516 &:= 1^0 + 9^2 + 12^0 + 12^2 + 17^2 = 10 + 92 + 120 + 122 + 172 \\ 516 &:= 1^1 + 1^2 + 8^3 + 14^0 + 27^0 = 11 + 12 + 83 + 140 + 270 \\ 516 &:= 1^1 + 1^2 + 8^3 + 15^0 + 26^0 = 11 + 12 + 83 + 150 + 260 \\ 516 &:= 1^1 + 1^2 + 8^3 + 16^0 + 25^0 = 11 + 12 + 83 + 160 + 250 \\ 516 &:= 1^1 + 1^2 + 8^3 + 17^0 + 24^0 = 11 + 12 + 83 + 170 + 240 \\ 516 &:= 1^1 + 1^2 + 8^3 + 18^0 + 23^0 = 11 + 12 + 83 + 180 + 230 \\ 516 &:= 1^1 + 1^2 + 8^3 + 19^0 + 22^0 = 11 + 12 + 83 + 190 + 220 \\ 516 &:= 1^1 + 1^2 + 8^3 + 20^0 + 21^0 = 11 + 12 + 83 + 200 + 210 \\ 516 &:= 1^1 + 1^6 + 2^9 + 19^0 + 27^0 = 11 + 16 + 29 + 190 + 270 \\ 516 &:= 1^1 + 1^6 + 2^9 + 20^0 + 26^0 = 11 + 16 + 29 + 200 + 260 \\ 516 &:= 1^1 + 1^6 + 2^9 + 21^0 + 25^0 = 11 + 16 + 29 + 210 + 250 \\ 516 &:= 1^1 + 1^6 + 2^9 + 22^0 + 24^0 = 11 + 16 + 29 + 220 + 240 \\ 516 &:= 1^1 + 1^6 + 2^9 + 23^0 + 23^0 = 11 + 16 + 29 + 230 + 230 \\ 516 &:= 1^1 + 2^1 + 16^0 + 16^2 + 16^2 = 11 + 21 + 160 + 162 + 162 \\ 516 &:= 1^1 + 2^6 + 2^6 + 19^2 + 26^1 = 11 + 26 + 26 + 192 + 261 \\ 516 &:= 1^1 + 3^2 + 4^0 + 21^1 + 22^2 = 11 + 32 + 40 + 211 + 222 \\ 516 &:= 1^1 + 4^2 + 10^0 + 14^1 + 22^2 = 11 + 42 + 100 + 141 + 222 \\ 516 &:= 1^1 + 5^1 + 5^2 + 18^0 + 22^2 = 11 + 51 + 52 + 180 + 222 \\ 516 &:= 1^1 + 6^0 + 10^2 + 14^1 + 20^2 = 11 + 60 + 102 + 141 + 202 \\ 516 &:= 1^1 + 8^2 + 9^1 + 12^0 + 21^2 = 11 + 82 + 91 + 120 + 212 \\ 516 &:= 1^1 + 9^1 + 10^0 + 12^2 + 19^2 = 11 + 91 + 100 + 122 + 192 \\ 516 &:= 1^2 + 1^5 + 2^9 + 19^0 + 27^0 = 12 + 15 + 29 + 190 + 270 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^2 + 1^5 + 2^9 + 20^0 + 26^0 = 12 + 15 + 29 + 200 + 260 \\ 516 &:= 1^2 + 1^5 + 2^9 + 21^0 + 25^0 = 12 + 15 + 29 + 210 + 250 \\ 516 &:= 1^2 + 1^5 + 2^9 + 22^0 + 24^0 = 12 + 15 + 29 + 220 + 240 \\ 516 &:= 1^2 + 1^5 + 2^9 + 23^0 + 23^0 = 12 + 15 + 29 + 230 + 230 \\ 516 &:= 1^3 + 1^4 + 2^9 + 19^0 + 27^0 = 13 + 14 + 29 + 190 + 270 \\ 516 &:= 1^3 + 1^4 + 2^9 + 20^0 + 26^0 = 13 + 14 + 29 + 200 + 260 \\ 516 &:= 1^3 + 1^4 + 2^9 + 21^0 + 25^0 = 13 + 14 + 29 + 210 + 250 \\ 516 &:= 1^3 + 1^4 + 2^9 + 22^0 + 24^0 = 13 + 14 + 29 + 220 + 240 \\ 516 &:= 1^3 + 1^4 + 2^9 + 23^0 + 23^0 = 13 + 14 + 29 + 230 + 230 \\ 516 &:= 1^3 + 2^0 + 8^3 + 13^0 + 27^0 = 13 + 20 + 83 + 130 + 270 \\ 516 &:= 1^3 + 2^0 + 8^3 + 14^0 + 26^0 = 13 + 20 + 83 + 140 + 260 \\ 516 &:= 1^3 + 2^0 + 8^3 + 15^0 + 25^0 = 13 + 20 + 83 + 150 + 250 \\ 516 &:= 1^3 + 2^0 + 8^3 + 16^0 + 24^0 = 13 + 20 + 83 + 160 + 240 \\ 516 &:= 1^3 + 2^0 + 8^3 + 17^0 + 23^0 = 13 + 20 + 83 + 170 + 230 \\ 516 &:= 1^3 + 2^0 + 8^3 + 18^0 + 22^0 = 13 + 20 + 83 + 180 + 220 \\ 516 &:= 1^3 + 2^0 + 8^3 + 19^0 + 21^0 = 13 + 20 + 83 + 190 + 210 \\ 516 &:= 1^3 + 2^0 + 8^3 + 20^0 + 20^0 = 13 + 20 + 83 + 200 + 200 \\ 516 &:= 1^3 + 2^8 + 6^2 + 14^2 + 27^1 = 13 + 28 + 62 + 142 + 271 \\ 516 &:= 1^3 + 2^8 + 8^2 + 13^2 + 26^1 = 13 + 28 + 82 + 132 + 261 \\ 516 &:= 1^3 + 3^0 + 8^3 + 12^0 + 27^0 = 13 + 30 + 83 + 120 + 270 \\ 516 &:= 1^3 + 3^0 + 8^3 + 13^0 + 26^0 = 13 + 30 + 83 + 130 + 260 \\ 516 &:= 1^3 + 3^0 + 8^3 + 14^0 + 25^0 = 13 + 30 + 83 + 140 + 250 \\ 516 &:= 1^3 + 3^0 + 8^3 + 15^0 + 24^0 = 13 + 30 + 83 + 150 + 240 \\ 516 &:= 1^3 + 3^0 + 8^3 + 16^0 + 23^0 = 13 + 30 + 83 + 160 + 230 \\ 516 &:= 1^3 + 3^0 + 8^3 + 17^0 + 22^0 = 13 + 30 + 83 + 170 + 220 \\ 516 &:= 1^3 + 3^0 + 8^3 + 18^0 + 21^0 = 13 + 30 + 83 + 180 + 210 \\ 516 &:= 1^3 + 3^0 + 8^3 + 19^0 + 20^0 = 13 + 30 + 83 + 190 + 200 \\ 516 &:= 1^3 + 4^0 + 8^3 + 11^0 + 27^0 = 13 + 40 + 83 + 110 + 270 \\ 516 &:= 1^3 + 4^0 + 8^3 + 12^0 + 26^0 = 13 + 40 + 83 + 120 + 260 \\ 516 &:= 1^3 + 4^0 + 8^3 + 13^0 + 25^0 = 13 + 40 + 83 + 130 + 250 \\ 516 &:= 1^3 + 4^0 + 8^3 + 14^0 + 24^0 = 13 + 40 + 83 + 140 + 240 \\ 516 &:= 1^3 + 4^0 + 8^3 + 15^0 + 23^0 = 13 + 40 + 83 + 150 + 230 \\ 516 &:= 1^3 + 4^0 + 8^3 + 16^0 + 22^0 = 13 + 40 + 83 + 160 + 220 \\ 516 &:= 1^3 + 4^0 + 8^3 + 17^0 + 21^0 = 13 + 40 + 83 + 170 + 210 \\ 516 &:= 1^3 + 4^0 + 8^3 + 18^0 + 20^0 = 13 + 40 + 83 + 180 + 200 \\ 516 &:= 1^3 + 4^0 + 8^3 + 19^0 + 19^0 = 13 + 40 + 83 + 190 + 190 \\ 516 &:= 1^3 + 5^0 + 8^3 + 10^0 + 27^0 = 13 + 50 + 83 + 100 + 270 \\ 516 &:= 1^3 + 5^0 + 8^3 + 11^0 + 26^0 = 13 + 50 + 83 + 110 + 260 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^3 + 5^0 + 8^3 + 12^0 + 25^0 = 13 + 50 + 83 + 120 + 250 \\ 516 &:= 1^3 + 5^0 + 8^3 + 13^0 + 24^0 = 13 + 50 + 83 + 130 + 240 \\ 516 &:= 1^3 + 5^0 + 8^3 + 14^0 + 23^0 = 13 + 50 + 83 + 140 + 230 \\ 516 &:= 1^3 + 5^0 + 8^3 + 15^0 + 22^0 = 13 + 50 + 83 + 150 + 220 \\ 516 &:= 1^3 + 5^0 + 8^3 + 16^0 + 21^0 = 13 + 50 + 83 + 160 + 210 \\ 516 &:= 1^3 + 5^0 + 8^3 + 17^0 + 20^0 = 13 + 50 + 83 + 170 + 200 \\ 516 &:= 1^3 + 5^0 + 8^3 + 18^0 + 19^0 = 13 + 50 + 83 + 180 + 190 \\ 516 &:= 1^3 + 6^0 + 8^3 + 10^0 + 26^0 = 13 + 60 + 83 + 100 + 260 \\ 516 &:= 1^3 + 6^0 + 8^3 + 11^0 + 25^0 = 13 + 60 + 83 + 110 + 250 \\ 516 &:= 1^3 + 6^0 + 8^3 + 12^0 + 24^0 = 13 + 60 + 83 + 120 + 240 \\ 516 &:= 1^3 + 6^0 + 8^3 + 13^0 + 23^0 = 13 + 60 + 83 + 130 + 230 \\ 516 &:= 1^3 + 6^0 + 8^3 + 14^0 + 22^0 = 13 + 60 + 83 + 140 + 220 \\ 516 &:= 1^3 + 6^0 + 8^3 + 15^0 + 21^0 = 13 + 60 + 83 + 150 + 210 \\ 516 &:= 1^3 + 6^0 + 8^3 + 16^0 + 20^0 = 13 + 60 + 83 + 160 + 200 \\ 516 &:= 1^3 + 6^0 + 8^3 + 17^0 + 19^0 = 13 + 60 + 83 + 170 + 190 \\ 516 &:= 1^3 + 6^0 + 8^3 + 18^0 + 18^0 = 13 + 60 + 83 + 180 + 180 \\ 516 &:= 1^3 + 6^0 + 8^3 + 9^0 + 27^0 = 13 + 60 + 83 + 90 + 270 \\ 516 &:= 1^3 + 7^0 + 8^0 + 8^3 + 27^0 = 13 + 70 + 80 + 83 + 270 \\ 516 &:= 1^3 + 7^0 + 8^3 + 10^0 + 25^0 = 13 + 70 + 83 + 100 + 250 \\ 516 &:= 1^3 + 7^0 + 8^3 + 11^0 + 24^0 = 13 + 70 + 83 + 110 + 240 \\ 516 &:= 1^3 + 7^0 + 8^3 + 12^0 + 23^0 = 13 + 70 + 83 + 120 + 230 \\ 516 &:= 1^3 + 7^0 + 8^3 + 13^0 + 22^0 = 13 + 70 + 83 + 130 + 220 \\ 516 &:= 1^3 + 7^0 + 8^3 + 14^0 + 21^0 = 13 + 70 + 83 + 140 + 210 \\ 516 &:= 1^3 + 7^0 + 8^3 + 15^0 + 20^0 = 13 + 70 + 83 + 150 + 200 \\ 516 &:= 1^3 + 7^0 + 8^3 + 16^0 + 19^0 = 13 + 70 + 83 + 160 + 190 \\ 516 &:= 1^3 + 7^0 + 8^3 + 17^0 + 18^0 = 13 + 70 + 83 + 170 + 180 \\ 516 &:= 1^3 + 7^0 + 8^3 + 9^0 + 26^0 = 13 + 70 + 83 + 90 + 260 \\ 516 &:= 1^3 + 8^0 + 8^0 + 8^3 + 26^0 = 13 + 80 + 80 + 83 + 260 \\ 516 &:= 1^3 + 8^0 + 8^3 + 10^0 + 24^0 = 13 + 80 + 83 + 100 + 240 \\ 516 &:= 1^3 + 8^0 + 8^3 + 11^0 + 23^0 = 13 + 80 + 83 + 110 + 230 \\ 516 &:= 1^3 + 8^0 + 8^3 + 12^0 + 22^0 = 13 + 80 + 83 + 120 + 220 \\ 516 &:= 1^3 + 8^0 + 8^3 + 13^0 + 21^0 = 13 + 80 + 83 + 130 + 210 \\ 516 &:= 1^3 + 8^0 + 8^3 + 14^0 + 20^0 = 13 + 80 + 83 + 140 + 200 \\ 516 &:= 1^3 + 8^0 + 8^3 + 15^0 + 19^0 = 13 + 80 + 83 + 150 + 190 \\ 516 &:= 1^3 + 8^0 + 8^3 + 16^0 + 18^0 = 13 + 80 + 83 + 160 + 180 \\ 516 &:= 1^3 + 8^0 + 8^3 + 17^0 + 17^0 = 13 + 80 + 83 + 170 + 170 \\ 516 &:= 1^3 + 8^0 + 8^3 + 9^0 + 25^0 = 13 + 80 + 83 + 90 + 250 \\ 516 &:= 1^3 + 8^3 + 10^0 + 10^0 + 22^0 = 13 + 83 + 100 + 100 + 220 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^3 + 8^3 + 10^0 + 11^0 + 21^0 = 13 + 83 + 100 + 110 + 210 \\ 516 &:= 1^3 + 8^3 + 10^0 + 12^0 + 20^0 = 13 + 83 + 100 + 120 + 200 \\ 516 &:= 1^3 + 8^3 + 10^0 + 13^0 + 19^0 = 13 + 83 + 100 + 130 + 190 \\ 516 &:= 1^3 + 8^3 + 10^0 + 14^0 + 18^0 = 13 + 83 + 100 + 140 + 180 \\ 516 &:= 1^3 + 8^3 + 10^0 + 15^0 + 17^0 = 13 + 83 + 100 + 150 + 170 \\ 516 &:= 1^3 + 8^3 + 10^0 + 16^0 + 16^0 = 13 + 83 + 100 + 160 + 160 \\ 516 &:= 1^3 + 8^3 + 11^0 + 11^0 + 20^0 = 13 + 83 + 110 + 110 + 200 \\ 516 &:= 1^3 + 8^3 + 11^0 + 12^0 + 19^0 = 13 + 83 + 110 + 120 + 190 \\ 516 &:= 1^3 + 8^3 + 11^0 + 13^0 + 18^0 = 13 + 83 + 110 + 130 + 180 \\ 516 &:= 1^3 + 8^3 + 11^0 + 14^0 + 17^0 = 13 + 83 + 110 + 140 + 170 \\ 516 &:= 1^3 + 8^3 + 11^0 + 15^0 + 16^0 = 13 + 83 + 110 + 150 + 160 \\ 516 &:= 1^3 + 8^3 + 12^0 + 12^0 + 18^0 = 13 + 83 + 120 + 120 + 180 \\ 516 &:= 1^3 + 8^3 + 12^0 + 13^0 + 17^0 = 13 + 83 + 120 + 130 + 170 \\ 516 &:= 1^3 + 8^3 + 12^0 + 14^0 + 16^0 = 13 + 83 + 120 + 140 + 160 \\ 516 &:= 1^3 + 8^3 + 12^0 + 15^0 + 15^0 = 13 + 83 + 120 + 150 + 150 \\ 516 &:= 1^3 + 8^3 + 13^0 + 13^0 + 16^0 = 13 + 83 + 130 + 130 + 160 \\ 516 &:= 1^3 + 8^3 + 13^0 + 14^0 + 15^0 = 13 + 83 + 130 + 140 + 150 \\ 516 &:= 1^3 + 8^3 + 14^0 + 14^0 + 14^0 = 13 + 83 + 140 + 140 + 140 \\ 516 &:= 1^3 + 8^3 + 9^0 + 10^0 + 23^0 = 13 + 83 + 90 + 100 + 230 \\ 516 &:= 1^3 + 8^3 + 9^0 + 11^0 + 22^0 = 13 + 83 + 90 + 110 + 220 \\ 516 &:= 1^3 + 8^3 + 9^0 + 12^0 + 21^0 = 13 + 83 + 90 + 120 + 210 \\ 516 &:= 1^3 + 8^3 + 9^0 + 13^0 + 20^0 = 13 + 83 + 90 + 130 + 200 \\ 516 &:= 1^3 + 8^3 + 9^0 + 14^0 + 19^0 = 13 + 83 + 90 + 140 + 190 \\ 516 &:= 1^3 + 8^3 + 9^0 + 15^0 + 18^0 = 13 + 83 + 90 + 150 + 180 \\ 516 &:= 1^3 + 8^3 + 9^0 + 16^0 + 17^0 = 13 + 83 + 90 + 160 + 170 \\ 516 &:= 1^3 + 8^3 + 9^0 + 9^0 + 24^0 = 13 + 83 + 90 + 90 + 240 \\ 516 &:= 1^4 + 1^9 + 8^3 + 13^0 + 27^0 = 14 + 19 + 83 + 130 + 270 \\ 516 &:= 1^4 + 1^9 + 8^3 + 14^0 + 26^0 = 14 + 19 + 83 + 140 + 260 \\ 516 &:= 1^4 + 1^9 + 8^3 + 15^0 + 25^0 = 14 + 19 + 83 + 150 + 250 \\ 516 &:= 1^4 + 1^9 + 8^3 + 16^0 + 24^0 = 14 + 19 + 83 + 160 + 240 \\ 516 &:= 1^4 + 1^9 + 8^3 + 17^0 + 23^0 = 14 + 19 + 83 + 170 + 230 \\ 516 &:= 1^4 + 1^9 + 8^3 + 18^0 + 22^0 = 14 + 19 + 83 + 180 + 220 \\ 516 &:= 1^4 + 1^9 + 8^3 + 19^0 + 21^0 = 14 + 19 + 83 + 190 + 210 \\ 516 &:= 1^4 + 1^9 + 8^3 + 20^0 + 20^0 = 14 + 19 + 83 + 200 + 200 \\ 516 &:= 1^4 + 2^6 + 3^3 + 20^2 + 24^1 = 14 + 26 + 33 + 202 + 241 \\ 516 &:= 1^5 + 1^8 + 8^3 + 13^0 + 27^0 = 15 + 18 + 83 + 130 + 270 \\ 516 &:= 1^5 + 1^8 + 8^3 + 14^0 + 26^0 = 15 + 18 + 83 + 140 + 260 \\ 516 &:= 1^5 + 1^8 + 8^3 + 15^0 + 25^0 = 15 + 18 + 83 + 150 + 250 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^5 + 1^8 + 8^3 + 16^0 + 24^0 = 15 + 18 + 83 + 160 + 240 \\ 516 &:= 1^5 + 1^8 + 8^3 + 17^0 + 23^0 = 15 + 18 + 83 + 170 + 230 \\ 516 &:= 1^5 + 1^8 + 8^3 + 18^0 + 22^0 = 15 + 18 + 83 + 180 + 220 \\ 516 &:= 1^5 + 1^8 + 8^3 + 19^0 + 21^0 = 15 + 18 + 83 + 190 + 210 \\ 516 &:= 1^5 + 1^8 + 8^3 + 20^0 + 20^0 = 15 + 18 + 83 + 200 + 200 \\ 516 &:= 1^5 + 2^6 + 12^2 + 17^2 + 18^1 = 15 + 26 + 122 + 172 + 181 \\ 516 &:= 1^5 + 2^7 + 5^2 + 19^2 + 23^0 = 15 + 27 + 52 + 192 + 230 \\ 516 &:= 1^6 + 1^7 + 8^3 + 13^0 + 27^0 = 16 + 17 + 83 + 130 + 270 \\ 516 &:= 1^6 + 1^7 + 8^3 + 14^0 + 26^0 = 16 + 17 + 83 + 140 + 260 \\ 516 &:= 1^6 + 1^7 + 8^3 + 15^0 + 25^0 = 16 + 17 + 83 + 150 + 250 \\ 516 &:= 1^6 + 1^7 + 8^3 + 16^0 + 24^0 = 16 + 17 + 83 + 160 + 240 \\ 516 &:= 1^6 + 1^7 + 8^3 + 17^0 + 23^0 = 16 + 17 + 83 + 170 + 230 \\ 516 &:= 1^6 + 1^7 + 8^3 + 18^0 + 22^0 = 16 + 17 + 83 + 180 + 220 \\ 516 &:= 1^6 + 1^7 + 8^3 + 19^0 + 21^0 = 16 + 17 + 83 + 190 + 210 \\ 516 &:= 1^6 + 1^7 + 8^3 + 20^0 + 20^0 = 16 + 17 + 83 + 200 + 200 \\ 516 &:= 1^6 + 2^5 + 8^2 + 19^1 + 20^2 = 16 + 25 + 82 + 191 + 202 \\ 516 &:= 1^6 + 2^6 + 15^2 + 15^2 + 17^0 = 16 + 26 + 152 + 152 + 170 \\ 516 &:= 1^6 + 2^6 + 3^2 + 21^2 + 23^0 = 16 + 26 + 32 + 212 + 230 \\ 516 &:= 1^6 + 2^7 + 3^0 + 19^2 + 25^1 = 16 + 27 + 30 + 192 + 251 \\ 516 &:= 1^6 + 3^5 + 4^4 + 15^1 + 27^0 = 16 + 35 + 44 + 151 + 270 \\ 516 &:= 1^7 + 2^0 + 2^9 + 18^0 + 27^0 = 17 + 20 + 29 + 180 + 270 \\ 516 &:= 1^7 + 2^0 + 2^9 + 19^0 + 26^0 = 17 + 20 + 29 + 190 + 260 \\ 516 &:= 1^7 + 2^0 + 2^9 + 20^0 + 25^0 = 17 + 20 + 29 + 200 + 250 \\ 516 &:= 1^7 + 2^0 + 2^9 + 21^0 + 24^0 = 17 + 20 + 29 + 210 + 240 \\ 516 &:= 1^7 + 2^0 + 2^9 + 22^0 + 23^0 = 17 + 20 + 29 + 220 + 230 \\ 516 &:= 1^7 + 2^4 + 11^2 + 17^1 + 19^2 = 17 + 24 + 112 + 171 + 192 \\ 516 &:= 1^7 + 2^4 + 9^2 + 18^1 + 20^2 = 17 + 24 + 92 + 181 + 202 \\ 516 &:= 1^7 + 2^5 + 11^2 + 17^0 + 19^2 = 17 + 25 + 112 + 170 + 192 \\ 516 &:= 1^7 + 2^6 + 9^1 + 17^0 + 21^2 = 17 + 26 + 91 + 170 + 212 \\ 516 &:= 1^7 + 2^9 + 10^0 + 10^0 + 27^0 = 17 + 29 + 100 + 100 + 270 \\ 516 &:= 1^7 + 2^9 + 10^0 + 11^0 + 26^0 = 17 + 29 + 100 + 110 + 260 \\ 516 &:= 1^7 + 2^9 + 10^0 + 12^0 + 25^0 = 17 + 29 + 100 + 120 + 250 \\ 516 &:= 1^7 + 2^9 + 10^0 + 13^0 + 24^0 = 17 + 29 + 100 + 130 + 240 \\ 516 &:= 1^7 + 2^9 + 10^0 + 14^0 + 23^0 = 17 + 29 + 100 + 140 + 230 \\ 516 &:= 1^7 + 2^9 + 10^0 + 15^0 + 22^0 = 17 + 29 + 100 + 150 + 220 \\ 516 &:= 1^7 + 2^9 + 10^0 + 16^0 + 21^0 = 17 + 29 + 100 + 160 + 210 \\ 516 &:= 1^7 + 2^9 + 10^0 + 17^0 + 20^0 = 17 + 29 + 100 + 170 + 200 \\ 516 &:= 1^7 + 2^9 + 10^0 + 18^0 + 19^0 = 17 + 29 + 100 + 180 + 190 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^7 + 2^9 + 11^0 + 11^0 + 25^0 = 17 + 29 + 110 + 110 + 250 \\ 516 &:= 1^7 + 2^9 + 11^0 + 12^0 + 24^0 = 17 + 29 + 110 + 120 + 240 \\ 516 &:= 1^7 + 2^9 + 11^0 + 13^0 + 23^0 = 17 + 29 + 110 + 130 + 230 \\ 516 &:= 1^7 + 2^9 + 11^0 + 14^0 + 22^0 = 17 + 29 + 110 + 140 + 220 \\ 516 &:= 1^7 + 2^9 + 11^0 + 15^0 + 21^0 = 17 + 29 + 110 + 150 + 210 \\ 516 &:= 1^7 + 2^9 + 11^0 + 16^0 + 20^0 = 17 + 29 + 110 + 160 + 200 \\ 516 &:= 1^7 + 2^9 + 11^0 + 17^0 + 19^0 = 17 + 29 + 110 + 170 + 190 \\ 516 &:= 1^7 + 2^9 + 11^0 + 18^0 + 18^0 = 17 + 29 + 110 + 180 + 180 \\ 516 &:= 1^7 + 2^9 + 12^0 + 12^0 + 23^0 = 17 + 29 + 120 + 120 + 230 \\ 516 &:= 1^7 + 2^9 + 12^0 + 13^0 + 22^0 = 17 + 29 + 120 + 130 + 220 \\ 516 &:= 1^7 + 2^9 + 12^0 + 14^0 + 21^0 = 17 + 29 + 120 + 140 + 210 \\ 516 &:= 1^7 + 2^9 + 12^0 + 15^0 + 20^0 = 17 + 29 + 120 + 150 + 200 \\ 516 &:= 1^7 + 2^9 + 12^0 + 16^0 + 19^0 = 17 + 29 + 120 + 160 + 190 \\ 516 &:= 1^7 + 2^9 + 12^0 + 17^0 + 18^0 = 17 + 29 + 120 + 170 + 180 \\ 516 &:= 1^7 + 2^9 + 13^0 + 13^0 + 21^0 = 17 + 29 + 130 + 130 + 210 \\ 516 &:= 1^7 + 2^9 + 13^0 + 14^0 + 20^0 = 17 + 29 + 130 + 140 + 200 \\ 516 &:= 1^7 + 2^9 + 13^0 + 15^0 + 19^0 = 17 + 29 + 130 + 150 + 190 \\ 516 &:= 1^7 + 2^9 + 13^0 + 16^0 + 18^0 = 17 + 29 + 130 + 160 + 180 \\ 516 &:= 1^7 + 2^9 + 13^0 + 17^0 + 17^0 = 17 + 29 + 130 + 170 + 170 \\ 516 &:= 1^7 + 2^9 + 14^0 + 14^0 + 19^0 = 17 + 29 + 140 + 140 + 190 \\ 516 &:= 1^7 + 2^9 + 14^0 + 15^0 + 18^0 = 17 + 29 + 140 + 150 + 180 \\ 516 &:= 1^7 + 2^9 + 14^0 + 16^0 + 17^0 = 17 + 29 + 140 + 160 + 170 \\ 516 &:= 1^7 + 2^9 + 15^0 + 15^0 + 17^0 = 17 + 29 + 150 + 150 + 170 \\ 516 &:= 1^7 + 2^9 + 15^0 + 16^0 + 16^0 = 17 + 29 + 150 + 160 + 160 \\ 516 &:= 1^7 + 2^9 + 3^0 + 17^0 + 27^0 = 17 + 29 + 30 + 170 + 270 \\ 516 &:= 1^7 + 2^9 + 3^0 + 18^0 + 26^0 = 17 + 29 + 30 + 180 + 260 \\ 516 &:= 1^7 + 2^9 + 3^0 + 19^0 + 25^0 = 17 + 29 + 30 + 190 + 250 \\ 516 &:= 1^7 + 2^9 + 3^0 + 20^0 + 24^0 = 17 + 29 + 30 + 200 + 240 \\ 516 &:= 1^7 + 2^9 + 3^0 + 21^0 + 23^0 = 17 + 29 + 30 + 210 + 230 \\ 516 &:= 1^7 + 2^9 + 3^0 + 22^0 + 22^0 = 17 + 29 + 30 + 220 + 220 \\ 516 &:= 1^7 + 2^9 + 4^0 + 16^0 + 27^0 = 17 + 29 + 40 + 160 + 270 \\ 516 &:= 1^7 + 2^9 + 4^0 + 17^0 + 26^0 = 17 + 29 + 40 + 170 + 260 \\ 516 &:= 1^7 + 2^9 + 4^0 + 18^0 + 25^0 = 17 + 29 + 40 + 180 + 250 \\ 516 &:= 1^7 + 2^9 + 4^0 + 19^0 + 24^0 = 17 + 29 + 40 + 190 + 240 \\ 516 &:= 1^7 + 2^9 + 4^0 + 20^0 + 23^0 = 17 + 29 + 40 + 200 + 230 \\ 516 &:= 1^7 + 2^9 + 4^0 + 21^0 + 22^0 = 17 + 29 + 40 + 210 + 220 \\ 516 &:= 1^7 + 2^9 + 5^0 + 15^0 + 27^0 = 17 + 29 + 50 + 150 + 270 \\ 516 &:= 1^7 + 2^9 + 5^0 + 16^0 + 26^0 = 17 + 29 + 50 + 160 + 260 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^7 + 2^9 + 5^0 + 17^0 + 25^0 = 17 + 29 + 50 + 170 + 250 \\ 516 &:= 1^7 + 2^9 + 5^0 + 18^0 + 24^0 = 17 + 29 + 50 + 180 + 240 \\ 516 &:= 1^7 + 2^9 + 5^0 + 19^0 + 23^0 = 17 + 29 + 50 + 190 + 230 \\ 516 &:= 1^7 + 2^9 + 5^0 + 20^0 + 22^0 = 17 + 29 + 50 + 200 + 220 \\ 516 &:= 1^7 + 2^9 + 5^0 + 21^0 + 21^0 = 17 + 29 + 50 + 210 + 210 \\ 516 &:= 1^7 + 2^9 + 6^0 + 14^0 + 27^0 = 17 + 29 + 60 + 140 + 270 \\ 516 &:= 1^7 + 2^9 + 6^0 + 15^0 + 26^0 = 17 + 29 + 60 + 150 + 260 \\ 516 &:= 1^7 + 2^9 + 6^0 + 16^0 + 25^0 = 17 + 29 + 60 + 160 + 250 \\ 516 &:= 1^7 + 2^9 + 6^0 + 17^0 + 24^0 = 17 + 29 + 60 + 170 + 240 \\ 516 &:= 1^7 + 2^9 + 6^0 + 18^0 + 23^0 = 17 + 29 + 60 + 180 + 230 \\ 516 &:= 1^7 + 2^9 + 6^0 + 19^0 + 22^0 = 17 + 29 + 60 + 190 + 220 \\ 516 &:= 1^7 + 2^9 + 6^0 + 20^0 + 21^0 = 17 + 29 + 60 + 200 + 210 \\ 516 &:= 1^7 + 2^9 + 7^0 + 13^0 + 27^0 = 17 + 29 + 70 + 130 + 270 \\ 516 &:= 1^7 + 2^9 + 7^0 + 14^0 + 26^0 = 17 + 29 + 70 + 140 + 260 \\ 516 &:= 1^7 + 2^9 + 7^0 + 15^0 + 25^0 = 17 + 29 + 70 + 150 + 250 \\ 516 &:= 1^7 + 2^9 + 7^0 + 16^0 + 24^0 = 17 + 29 + 70 + 160 + 240 \\ 516 &:= 1^7 + 2^9 + 7^0 + 17^0 + 23^0 = 17 + 29 + 70 + 170 + 230 \\ 516 &:= 1^7 + 2^9 + 7^0 + 18^0 + 22^0 = 17 + 29 + 70 + 180 + 220 \\ 516 &:= 1^7 + 2^9 + 7^0 + 19^0 + 21^0 = 17 + 29 + 70 + 190 + 210 \\ 516 &:= 1^7 + 2^9 + 7^0 + 20^0 + 20^0 = 17 + 29 + 70 + 200 + 200 \\ 516 &:= 1^7 + 2^9 + 8^0 + 12^0 + 27^0 = 17 + 29 + 80 + 120 + 270 \\ 516 &:= 1^7 + 2^9 + 8^0 + 13^0 + 26^0 = 17 + 29 + 80 + 130 + 260 \\ 516 &:= 1^7 + 2^9 + 8^0 + 14^0 + 25^0 = 17 + 29 + 80 + 140 + 250 \\ 516 &:= 1^7 + 2^9 + 8^0 + 15^0 + 24^0 = 17 + 29 + 80 + 150 + 240 \\ 516 &:= 1^7 + 2^9 + 8^0 + 16^0 + 23^0 = 17 + 29 + 80 + 160 + 230 \\ 516 &:= 1^7 + 2^9 + 8^0 + 17^0 + 22^0 = 17 + 29 + 80 + 170 + 220 \\ 516 &:= 1^7 + 2^9 + 8^0 + 18^0 + 21^0 = 17 + 29 + 80 + 180 + 210 \\ 516 &:= 1^7 + 2^9 + 8^0 + 19^0 + 20^0 = 17 + 29 + 80 + 190 + 200 \\ 516 &:= 1^7 + 2^9 + 9^0 + 11^0 + 27^0 = 17 + 29 + 90 + 110 + 270 \\ 516 &:= 1^7 + 2^9 + 9^0 + 12^0 + 26^0 = 17 + 29 + 90 + 120 + 260 \\ 516 &:= 1^7 + 2^9 + 9^0 + 13^0 + 25^0 = 17 + 29 + 90 + 130 + 250 \\ 516 &:= 1^7 + 2^9 + 9^0 + 14^0 + 24^0 = 17 + 29 + 90 + 140 + 240 \\ 516 &:= 1^7 + 2^9 + 9^0 + 15^0 + 23^0 = 17 + 29 + 90 + 150 + 230 \\ 516 &:= 1^7 + 2^9 + 9^0 + 16^0 + 22^0 = 17 + 29 + 90 + 160 + 220 \\ 516 &:= 1^7 + 2^9 + 9^0 + 17^0 + 21^0 = 17 + 29 + 90 + 170 + 210 \\ 516 &:= 1^7 + 2^9 + 9^0 + 18^0 + 20^0 = 17 + 29 + 90 + 180 + 200 \\ 516 &:= 1^7 + 2^9 + 9^0 + 19^0 + 19^0 = 17 + 29 + 90 + 190 + 190 \\ 516 &:= 1^8 + 1^9 + 2^9 + 18^0 + 27^0 = 18 + 19 + 29 + 180 + 270 \end{aligned}$$

$$\begin{aligned} 516 &:= 1^8 + 1^9 + 2^9 + 19^0 + 26^0 = 18 + 19 + 29 + 190 + 260 \\ 516 &:= 1^8 + 1^9 + 2^9 + 20^0 + 25^0 = 18 + 19 + 29 + 200 + 250 \\ 516 &:= 1^8 + 1^9 + 2^9 + 21^0 + 24^0 = 18 + 19 + 29 + 210 + 240 \\ 516 &:= 1^8 + 1^9 + 2^9 + 22^0 + 23^0 = 18 + 19 + 29 + 220 + 230 \\ 516 &:= 1^8 + 3^3 + 7^3 + 12^2 + 27^0 = 18 + 33 + 73 + 122 + 270 \\ 516 &:= 1^8 + 3^4 + 12^2 + 17^0 + 17^2 = 18 + 34 + 122 + 170 + 172 \\ 516 &:= 1^8 + 3^5 + 15^0 + 15^1 + 16^2 = 18 + 35 + 150 + 151 + 162 \\ 516 &:= 1^8 + 5^2 + 7^3 + 11^2 + 26^1 = 18 + 52 + 73 + 112 + 261 \\ 516 &:= 1^9 + 2^1 + 4^4 + 16^2 + 27^0 = 19 + 21 + 44 + 162 + 270 \\ 516 &:= 1^9 + 2^2 + 2^2 + 22^2 + 23^1 = 19 + 22 + 22 + 222 + 231 \\ 516 &:= 1^9 + 2^4 + 11^0 + 14^1 + 22^2 = 19 + 24 + 110 + 141 + 222 \\ 516 &:= 1^9 + 3^2 + 4^3 + 21^0 + 21^2 = 19 + 32 + 43 + 210 + 212 \\ 516 &:= 1^9 + 3^2 + 6^3 + 17^2 + 23^0 = 19 + 32 + 63 + 172 + 230 \\ 516 &:= 1^9 + 4^2 + 14^1 + 14^2 + 17^2 = 19 + 42 + 141 + 142 + 172 \\ 516 &:= 1^9 + 4^3 + 15^0 + 15^2 + 15^2 = 19 + 43 + 150 + 152 + 152 \\ 516 &:= 1^9 + 5^3 + 10^2 + 17^0 + 17^2 = 19 + 53 + 102 + 170 + 172 \\ 516 &:= 1^9 + 6^2 + 8^2 + 15^1 + 20^2 = 19 + 62 + 82 + 151 + 202 \\ 516 &:= 2^0 + 2^1 + 7^3 + 13^2 + 27^0 = 20 + 21 + 73 + 132 + 270 \\ 516 &:= 2^0 + 2^3 + 3^0 + 22^1 + 22^2 = 20 + 23 + 30 + 221 + 222 \\ 516 &:= 2^0 + 3^0 + 7^3 + 12^2 + 27^1 = 20 + 30 + 73 + 122 + 271 \\ 516 &:= 2^0 + 3^1 + 3^3 + 21^0 + 22^2 = 20 + 31 + 33 + 210 + 222 \\ 516 &:= 2^0 + 3^2 + 12^2 + 15^0 + 19^2 = 20 + 32 + 122 + 150 + 192 \\ 516 &:= 2^0 + 3^2 + 8^2 + 17^0 + 21^2 = 20 + 32 + 82 + 170 + 212 \\ 516 &:= 2^0 + 4^3 + 9^1 + 15^0 + 21^2 = 20 + 43 + 91 + 150 + 212 \\ 516 &:= 2^0 + 6^3 + 9^1 + 17^0 + 17^2 = 20 + 63 + 91 + 170 + 172 \\ 516 &:= 2^0 + 8^2 + 11^0 + 15^2 + 15^2 = 20 + 82 + 110 + 152 + 152 \\ 516 &:= 2^0 + 9^2 + 11^0 + 12^2 + 17^2 = 20 + 92 + 110 + 122 + 172 \\ 516 &:= 2^1 + 2^6 + 2^6 + 19^2 + 25^1 = 21 + 26 + 26 + 192 + 251 \\ 516 &:= 2^1 + 3^0 + 7^3 + 13^2 + 26^0 = 21 + 30 + 73 + 132 + 260 \\ 516 &:= 2^1 + 3^2 + 4^0 + 20^1 + 22^2 = 21 + 32 + 40 + 201 + 222 \\ 516 &:= 2^1 + 4^0 + 7^3 + 13^2 + 25^0 = 21 + 40 + 73 + 132 + 250 \\ 516 &:= 2^1 + 4^1 + 5^2 + 18^0 + 22^2 = 21 + 41 + 52 + 180 + 222 \\ 516 &:= 2^1 + 4^2 + 10^0 + 13^1 + 22^2 = 21 + 42 + 100 + 131 + 222 \\ 516 &:= 2^1 + 5^0 + 7^3 + 13^2 + 24^0 = 21 + 50 + 73 + 132 + 240 \\ 516 &:= 2^1 + 6^0 + 10^2 + 13^1 + 20^2 = 21 + 60 + 102 + 131 + 202 \\ 516 &:= 2^1 + 6^0 + 7^3 + 13^2 + 23^0 = 21 + 60 + 73 + 132 + 230 \\ 516 &:= 2^1 + 7^0 + 7^3 + 13^2 + 22^0 = 21 + 70 + 73 + 132 + 220 \\ 516 &:= 2^1 + 7^3 + 10^0 + 13^2 + 19^0 = 21 + 73 + 100 + 132 + 190 \end{aligned}$$

$$\begin{aligned} 516 &:= 2^1 + 7^3 + 11^0 + 13^2 + 18^0 = 21 + 73 + 110 + 132 + 180 \\ 516 &:= 2^1 + 7^3 + 12^0 + 13^2 + 17^0 = 21 + 73 + 120 + 132 + 170 \\ 516 &:= 2^1 + 7^3 + 13^0 + 13^2 + 16^0 = 21 + 73 + 130 + 132 + 160 \\ 516 &:= 2^1 + 7^3 + 13^2 + 14^0 + 15^0 = 21 + 73 + 132 + 140 + 150 \\ 516 &:= 2^1 + 7^3 + 8^0 + 13^2 + 21^0 = 21 + 73 + 80 + 132 + 210 \\ 516 &:= 2^1 + 7^3 + 9^0 + 13^2 + 20^0 = 21 + 73 + 90 + 132 + 200 \\ 516 &:= 2^1 + 8^1 + 10^0 + 12^2 + 19^2 = 21 + 81 + 100 + 122 + 192 \\ 516 &:= 2^1 + 8^1 + 8^2 + 12^0 + 21^2 = 21 + 81 + 82 + 120 + 212 \\ 516 &:= 2^4 + 2^7 + 5^2 + 18^2 + 23^1 = 24 + 27 + 52 + 182 + 231 \\ 516 &:= 2^4 + 2^8 + 6^3 + 13^0 + 27^1 = 24 + 28 + 63 + 130 + 271 \\ 516 &:= 2^5 + 2^7 + 7^3 + 12^1 + 27^0 = 25 + 27 + 73 + 121 + 270 \\ 516 &:= 2^6 + 2^6 + 10^1 + 17^1 + 19^2 = 26 + 26 + 101 + 171 + 192 \\ 516 &:= 2^6 + 2^6 + 11^1 + 16^1 + 19^2 = 26 + 26 + 111 + 161 + 192 \\ 516 &:= 2^6 + 2^6 + 12^1 + 15^1 + 19^2 = 26 + 26 + 121 + 151 + 192 \\ 516 &:= 2^6 + 2^6 + 13^1 + 14^1 + 19^2 = 26 + 26 + 131 + 141 + 192 \\ 516 &:= 2^6 + 2^6 + 3^1 + 19^2 + 24^1 = 26 + 26 + 31 + 192 + 241 \\ 516 &:= 2^6 + 2^6 + 4^1 + 19^2 + 23^1 = 26 + 26 + 41 + 192 + 231 \\ 516 &:= 2^6 + 2^6 + 5^1 + 19^2 + 22^1 = 26 + 26 + 51 + 192 + 221 \\ 516 &:= 2^6 + 2^6 + 6^1 + 19^2 + 21^1 = 26 + 26 + 61 + 192 + 211 \\ 516 &:= 2^6 + 2^6 + 7^1 + 19^2 + 20^1 = 26 + 26 + 71 + 192 + 201 \\ 516 &:= 2^6 + 2^6 + 8^1 + 19^1 + 19^2 = 26 + 26 + 81 + 191 + 192 \\ 516 &:= 2^6 + 2^6 + 9^1 + 18^1 + 19^2 = 26 + 26 + 91 + 181 + 192 \\ 516 &:= 2^6 + 3^4 + 3^4 + 17^2 + 25^0 = 26 + 34 + 34 + 172 + 250 \\ 516 &:= 2^7 + 3^5 + 5^3 + 19^1 + 21^0 = 27 + 35 + 53 + 191 + 210 \\ 516 &:= 2^8 + 3^3 + 8^2 + 12^2 + 25^1 = 28 + 33 + 82 + 122 + 251 \\ 516 &:= 2^8 + 4^3 + 5^2 + 12^2 + 27^1 = 28 + 43 + 52 + 122 + 271 \\ 516 &:= 2^8 + 4^3 + 7^2 + 11^2 + 26^1 = 28 + 43 + 72 + 112 + 261 \\ 516 &:= 3^0 + 3^1 + 3^3 + 20^0 + 22^2 = 30 + 31 + 33 + 200 + 222 \\ 516 &:= 3^0 + 3^2 + 12^2 + 14^0 + 19^2 = 30 + 32 + 122 + 140 + 192 \\ 516 &:= 3^0 + 3^2 + 8^2 + 16^0 + 21^2 = 30 + 32 + 82 + 160 + 212 \\ 516 &:= 3^0 + 4^3 + 9^1 + 14^0 + 21^2 = 30 + 43 + 91 + 140 + 212 \\ 516 &:= 3^0 + 6^3 + 9^1 + 16^0 + 17^2 = 30 + 63 + 91 + 160 + 172 \\ 516 &:= 3^0 + 8^2 + 10^0 + 15^2 + 15^2 = 30 + 82 + 100 + 152 + 152 \\ 516 &:= 3^0 + 9^2 + 10^0 + 12^2 + 17^2 = 30 + 92 + 100 + 122 + 172 \\ 516 &:= 3^1 + 3^1 + 5^2 + 18^0 + 22^2 = 31 + 31 + 52 + 180 + 222 \\ 516 &:= 3^1 + 3^2 + 4^0 + 19^1 + 22^2 = 31 + 32 + 40 + 191 + 222 \\ 516 &:= 3^1 + 3^3 + 10^0 + 13^0 + 22^2 = 31 + 33 + 100 + 130 + 222 \\ 516 &:= 3^1 + 3^3 + 11^0 + 12^0 + 22^2 = 31 + 33 + 110 + 120 + 222 \end{aligned}$$

$$\begin{aligned} 516 &:= 3^1 + 3^3 + 4^0 + 19^0 + 22^2 = 31 + 33 + 40 + 190 + 222 \\ 516 &:= 3^1 + 3^3 + 5^0 + 18^0 + 22^2 = 31 + 33 + 50 + 180 + 222 \\ 516 &:= 3^1 + 3^3 + 6^0 + 17^0 + 22^2 = 31 + 33 + 60 + 170 + 222 \\ 516 &:= 3^1 + 3^3 + 7^0 + 16^0 + 22^2 = 31 + 33 + 70 + 160 + 222 \\ 516 &:= 3^1 + 3^3 + 8^0 + 15^0 + 22^2 = 31 + 33 + 80 + 150 + 222 \\ 516 &:= 3^1 + 3^3 + 9^0 + 14^0 + 22^2 = 31 + 33 + 90 + 140 + 222 \\ 516 &:= 3^1 + 4^2 + 10^0 + 12^1 + 22^2 = 31 + 42 + 100 + 121 + 222 \\ 516 &:= 3^1 + 6^0 + 10^2 + 12^1 + 20^2 = 31 + 60 + 102 + 121 + 202 \\ 516 &:= 3^1 + 7^1 + 10^0 + 12^2 + 19^2 = 31 + 71 + 100 + 122 + 192 \\ 516 &:= 3^1 + 7^1 + 8^2 + 12^0 + 21^2 = 31 + 71 + 82 + 120 + 212 \\ 516 &:= 3^2 + 4^0 + 10^1 + 12^1 + 22^2 = 32 + 40 + 101 + 121 + 222 \\ 516 &:= 3^2 + 4^0 + 11^1 + 11^1 + 22^2 = 32 + 40 + 111 + 111 + 222 \\ 516 &:= 3^2 + 4^0 + 12^2 + 13^0 + 19^2 = 32 + 40 + 122 + 130 + 192 \\ 516 &:= 3^2 + 4^0 + 4^1 + 18^1 + 22^2 = 32 + 40 + 41 + 181 + 222 \\ 516 &:= 3^2 + 4^0 + 5^1 + 17^1 + 22^2 = 32 + 40 + 51 + 171 + 222 \\ 516 &:= 3^2 + 4^0 + 6^1 + 16^1 + 22^2 = 32 + 40 + 61 + 161 + 222 \\ 516 &:= 3^2 + 4^0 + 7^1 + 15^1 + 22^2 = 32 + 40 + 71 + 151 + 222 \\ 516 &:= 3^2 + 4^0 + 8^1 + 14^1 + 22^2 = 32 + 40 + 81 + 141 + 222 \\ 516 &:= 3^2 + 4^0 + 8^2 + 15^0 + 21^2 = 32 + 40 + 82 + 150 + 212 \\ 516 &:= 3^2 + 4^0 + 9^1 + 13^1 + 22^2 = 32 + 40 + 91 + 131 + 222 \\ 516 &:= 3^2 + 5^0 + 12^0 + 12^2 + 19^2 = 32 + 50 + 120 + 122 + 192 \\ 516 &:= 3^2 + 5^0 + 8^2 + 14^0 + 21^2 = 32 + 50 + 82 + 140 + 212 \\ 516 &:= 3^2 + 6^0 + 11^0 + 12^2 + 19^2 = 32 + 60 + 110 + 122 + 192 \\ 516 &:= 3^2 + 6^0 + 8^2 + 13^0 + 21^2 = 32 + 60 + 82 + 130 + 212 \\ 516 &:= 3^2 + 7^0 + 10^0 + 12^2 + 19^2 = 32 + 70 + 100 + 122 + 192 \\ 516 &:= 3^2 + 7^0 + 8^2 + 12^0 + 21^2 = 32 + 70 + 82 + 120 + 212 \\ 516 &:= 3^2 + 8^0 + 8^2 + 11^0 + 21^2 = 32 + 80 + 82 + 110 + 212 \\ 516 &:= 3^2 + 8^0 + 9^0 + 12^2 + 19^2 = 32 + 80 + 90 + 122 + 192 \\ 516 &:= 3^2 + 8^2 + 9^0 + 10^0 + 21^2 = 32 + 82 + 90 + 100 + 212 \\ 516 &:= 4^0 + 4^3 + 9^1 + 13^0 + 21^2 = 40 + 43 + 91 + 130 + 212 \\ 516 &:= 4^0 + 6^3 + 9^1 + 15^0 + 17^2 = 40 + 63 + 91 + 150 + 172 \\ 516 &:= 4^0 + 8^2 + 9^0 + 15^2 + 15^2 = 40 + 82 + 90 + 152 + 152 \\ 516 &:= 4^0 + 9^0 + 9^2 + 12^2 + 17^2 = 40 + 90 + 92 + 122 + 172 \\ 516 &:= 4^1 + 4^2 + 10^0 + 11^1 + 22^2 = 41 + 42 + 100 + 111 + 222 \\ 516 &:= 4^1 + 6^0 + 10^2 + 11^1 + 20^2 = 41 + 60 + 102 + 111 + 202 \\ 516 &:= 4^1 + 6^1 + 10^0 + 12^2 + 19^2 = 41 + 61 + 100 + 122 + 192 \\ 516 &:= 4^1 + 6^1 + 8^2 + 12^0 + 21^2 = 41 + 61 + 82 + 120 + 212 \\ 516 &:= 4^2 + 5^1 + 10^0 + 10^1 + 22^2 = 42 + 51 + 100 + 101 + 222 \end{aligned}$$

$$\begin{aligned}
 516 &:= 4^2 + 6^1 + 9^1 + 10^0 + 22^2 = 42 + 61 + 91 + 100 + 222 \\
 516 &:= 4^2 + 7^1 + 8^1 + 10^0 + 22^2 = 42 + 71 + 81 + 100 + 222 \\
 516 &:= 4^3 + 5^0 + 9^1 + 12^0 + 21^2 = 43 + 50 + 91 + 120 + 212 \\
 516 &:= 4^3 + 6^0 + 9^1 + 11^0 + 21^2 = 43 + 60 + 91 + 110 + 212 \\
 516 &:= 4^3 + 7^0 + 9^1 + 10^0 + 21^2 = 43 + 70 + 91 + 100 + 212 \\
 516 &:= 4^3 + 8^0 + 9^0 + 9^1 + 21^2 = 43 + 80 + 90 + 91 + 212 \\
 516 &:= 5^0 + 6^3 + 9^1 + 14^0 + 17^2 = 50 + 63 + 91 + 140 + 172 \\
 516 &:= 5^0 + 8^0 + 8^2 + 15^2 + 15^2 = 50 + 80 + 82 + 152 + 152 \\
 516 &:= 5^0 + 8^0 + 9^2 + 12^2 + 17^2 = 50 + 80 + 92 + 122 + 172 \\
 516 &:= 5^1 + 5^1 + 10^0 + 12^2 + 19^2 = 51 + 51 + 100 + 122 + 192 \\
 516 &:= 5^1 + 5^1 + 8^2 + 12^0 + 21^2 = 51 + 51 + 82 + 120 + 212
 \end{aligned}$$

$$\begin{aligned}
 516 &:= 5^1 + 6^0 + 10^1 + 10^2 + 20^2 = 51 + 60 + 101 + 102 + 202 \\
 516 &:= 6^0 + 6^1 + 9^1 + 10^2 + 20^2 = 60 + 61 + 91 + 102 + 202 \\
 516 &:= 6^0 + 6^3 + 9^1 + 13^0 + 17^2 = 60 + 63 + 91 + 130 + 172 \\
 516 &:= 6^0 + 7^0 + 8^2 + 15^2 + 15^2 = 60 + 70 + 82 + 152 + 152 \\
 516 &:= 6^0 + 7^0 + 9^2 + 12^2 + 17^2 = 60 + 70 + 92 + 122 + 172 \\
 516 &:= 6^0 + 7^1 + 8^1 + 10^2 + 20^2 = 60 + 71 + 81 + 102 + 202 \\
 516 &:= 6^3 + 7^0 + 9^1 + 12^0 + 17^2 = 63 + 70 + 91 + 120 + 172 \\
 516 &:= 6^3 + 8^0 + 9^1 + 11^0 + 17^2 = 63 + 80 + 91 + 110 + 172 \\
 516 &:= 6^3 + 9^0 + 9^1 + 10^0 + 17^2 = 63 + 90 + 91 + 100 + 172
 \end{aligned}$$

2.2.418 Number 517

$$\begin{aligned}
 517 &:= 2^5 + 22^2 + 27^0 = 25 + 222 + 270 \\
 517 &:= 1^3 + 3^1 + 8^3 + 39^0 = 13 + 31 + 83 + 390 \\
 517 &:= 1^7 + 2^9 + 3^1 + 44^0 = 17 + 29 + 31 + 440 \\
 517 &:= 2^2 + 2^2 + 22^2 + 25^1 = 22 + 22 + 222 + 251 \\
 517 &:= 2^2 + 7^3 + 13^2 + 29^0 = 22 + 73 + 132 + 290 \\
 517 &:= 2^4 + 11^0 + 16^1 + 22^2 = 24 + 110 + 161 + 222 \\
 517 &:= 2^8 + 2^8 + 4^1 + 42^0 = 28 + 28 + 41 + 420 \\
 517 &:= 4^1 + 4^4 + 16^2 + 27^0 = 41 + 44 + 162 + 270 \\
 517 &:= 4^2 + 14^2 + 16^1 + 17^2 = 42 + 142 + 161 + 172 \\
 517 &:= 4^3 + 14^2 + 16^2 + 17^0 = 43 + 142 + 162 + 170 \\
 517 &:= 6^2 + 8^2 + 17^1 + 20^2 = 62 + 82 + 171 + 202 \\
 517 &:= 1^0 + 1^3 + 15^2 + 17^0 + 17^2 = 10 + 13 + 152 + 170 + 172 \\
 517 &:= 1^0 + 2^2 + 2^2 + 22^2 + 24^1 = 10 + 22 + 22 + 222 + 241 \\
 517 &:= 1^0 + 2^2 + 3^3 + 22^2 + 23^0 = 10 + 22 + 33 + 222 + 230 \\
 517 &:= 1^0 + 2^4 + 11^0 + 15^1 + 22^2 = 10 + 24 + 110 + 151 + 222 \\
 517 &:= 1^0 + 3^1 + 4^4 + 16^2 + 27^0 = 10 + 31 + 44 + 162 + 270 \\
 517 &:= 1^0 + 4^2 + 14^2 + 15^1 + 17^2 = 10 + 42 + 142 + 151 + 172 \\
 517 &:= 1^0 + 6^2 + 8^2 + 16^1 + 20^2 = 10 + 62 + 82 + 161 + 202 \\
 517 &:= 1^1 + 1^2 + 15^2 + 17^0 + 17^2 = 11 + 12 + 152 + 170 + 172 \\
 517 &:= 1^1 + 11^0 + 11^2 + 13^2 + 15^2 = 11 + 110 + 112 + 132 + 152 \\
 517 &:= 1^1 + 2^3 + 3^0 + 22^2 + 23^1 = 11 + 23 + 30 + 222 + 231 \\
 517 &:= 1^1 + 3^1 + 7^3 + 13^2 + 27^0 = 11 + 31 + 73 + 132 + 270 \\
 517 &:= 1^1 + 3^3 + 4^1 + 21^0 + 22^2 = 11 + 33 + 41 + 210 + 222 \\
 517 &:= 1^1 + 4^3 + 10^1 + 15^0 + 21^2 = 11 + 43 + 101 + 150 + 212 \\
 517 &:= 1^1 + 5^2 + 7^2 + 17^0 + 21^2 = 11 + 52 + 72 + 170 + 212
 \end{aligned}$$

$$\begin{aligned}
 517 &:= 1^1 + 6^3 + 10^1 + 17^0 + 17^2 = 11 + 63 + 101 + 170 + 172 \\
 517 &:= 1^2 + 3^0 + 3^2 + 22^1 + 22^2 = 12 + 30 + 32 + 221 + 222 \\
 517 &:= 1^2 + 3^1 + 15^0 + 16^2 + 16^2 = 12 + 31 + 150 + 162 + 162 \\
 517 &:= 1^2 + 4^2 + 9^0 + 15^1 + 22^2 = 12 + 42 + 90 + 151 + 222 \\
 517 &:= 1^2 + 5^0 + 10^2 + 15^1 + 20^2 = 12 + 50 + 102 + 151 + 202 \\
 517 &:= 1^2 + 5^2 + 6^1 + 17^0 + 22^2 = 12 + 52 + 61 + 170 + 222 \\
 517 &:= 1^2 + 8^2 + 10^1 + 11^0 + 21^2 = 12 + 82 + 101 + 110 + 212 \\
 517 &:= 1^2 + 9^0 + 10^1 + 12^2 + 19^2 = 12 + 90 + 101 + 122 + 192 \\
 517 &:= 1^3 + 2^0 + 15^2 + 16^0 + 17^2 = 13 + 20 + 152 + 160 + 172 \\
 517 &:= 1^3 + 2^1 + 8^3 + 13^0 + 27^0 = 13 + 21 + 83 + 130 + 270 \\
 517 &:= 1^3 + 2^1 + 8^3 + 14^0 + 26^0 = 13 + 21 + 83 + 140 + 260 \\
 517 &:= 1^3 + 2^1 + 8^3 + 15^0 + 25^0 = 13 + 21 + 83 + 150 + 250 \\
 517 &:= 1^3 + 2^1 + 8^3 + 16^0 + 24^0 = 13 + 21 + 83 + 160 + 240 \\
 517 &:= 1^3 + 2^1 + 8^3 + 17^0 + 23^0 = 13 + 21 + 83 + 170 + 230 \\
 517 &:= 1^3 + 2^1 + 8^3 + 18^0 + 22^0 = 13 + 21 + 83 + 180 + 220 \\
 517 &:= 1^3 + 2^1 + 8^3 + 19^0 + 21^0 = 13 + 21 + 83 + 190 + 210 \\
 517 &:= 1^3 + 2^1 + 8^3 + 20^0 + 20^0 = 13 + 21 + 83 + 200 + 200 \\
 517 &:= 1^3 + 3^0 + 15^0 + 15^2 + 17^2 = 13 + 30 + 150 + 152 + 172 \\
 517 &:= 1^3 + 4^0 + 14^0 + 15^2 + 17^2 = 13 + 40 + 140 + 152 + 172 \\
 517 &:= 1^3 + 5^0 + 13^0 + 15^2 + 17^2 = 13 + 50 + 130 + 152 + 172 \\
 517 &:= 1^3 + 6^0 + 12^0 + 15^2 + 17^2 = 13 + 60 + 120 + 152 + 172 \\
 517 &:= 1^3 + 7^0 + 11^0 + 15^2 + 17^2 = 13 + 70 + 110 + 152 + 172 \\
 517 &:= 1^3 + 8^0 + 10^0 + 15^2 + 17^2 = 13 + 80 + 100 + 152 + 172 \\
 517 &:= 1^3 + 9^0 + 9^0 + 15^2 + 17^2 = 13 + 90 + 90 + 152 + 172 \\
 517 &:= 1^4 + 1^9 + 15^2 + 16^0 + 17^2 = 14 + 19 + 152 + 160 + 172
 \end{aligned}$$

$$\begin{aligned} 517 &:= 1^5 + 1^8 + 15^2 + 16^0 + 17^2 = 15 + 18 + 152 + 160 + 172 \\ 517 &:= 1^6 + 1^7 + 15^2 + 16^0 + 17^2 = 16 + 17 + 152 + 160 + 172 \\ 517 &:= 1^7 + 2^0 + 2^7 + 19^2 + 26^1 = 17 + 20 + 27 + 192 + 261 \\ 517 &:= 1^7 + 2^1 + 2^9 + 18^0 + 27^0 = 17 + 21 + 29 + 180 + 270 \\ 517 &:= 1^7 + 2^1 + 2^9 + 19^0 + 26^0 = 17 + 21 + 29 + 190 + 260 \\ 517 &:= 1^7 + 2^1 + 2^9 + 20^0 + 25^0 = 17 + 21 + 29 + 200 + 250 \\ 517 &:= 1^7 + 2^1 + 2^9 + 21^0 + 24^0 = 17 + 21 + 29 + 210 + 240 \\ 517 &:= 1^7 + 2^1 + 2^9 + 22^0 + 23^0 = 17 + 21 + 29 + 220 + 230 \\ 517 &:= 1^7 + 3^5 + 4^4 + 16^1 + 26^0 = 17 + 35 + 44 + 161 + 260 \\ 517 &:= 1^8 + 1^9 + 2^7 + 19^2 + 26^1 = 18 + 19 + 27 + 192 + 261 \\ 517 &:= 1^8 + 2^6 + 10^1 + 16^0 + 21^2 = 18 + 26 + 101 + 160 + 212 \\ 517 &:= 1^8 + 3^5 + 4^2 + 16^2 + 26^0 = 18 + 35 + 42 + 162 + 260 \\ 517 &:= 1^9 + 3^5 + 14^0 + 16^1 + 16^2 = 19 + 35 + 140 + 161 + 162 \\ 517 &:= 2^0 + 2^2 + 3^3 + 22^0 + 22^2 = 20 + 22 + 33 + 220 + 222 \\ 517 &:= 2^0 + 2^4 + 10^0 + 15^1 + 22^2 = 20 + 24 + 100 + 151 + 222 \\ 517 &:= 2^0 + 3^1 + 4^4 + 16^2 + 26^0 = 20 + 31 + 44 + 162 + 260 \\ 517 &:= 2^1 + 2^1 + 7^3 + 13^2 + 27^0 = 21 + 21 + 73 + 132 + 270 \\ 517 &:= 2^1 + 2^3 + 3^0 + 22^1 + 22^2 = 21 + 23 + 30 + 221 + 222 \\ 517 &:= 2^1 + 3^0 + 7^3 + 12^2 + 27^1 = 21 + 30 + 73 + 122 + 271 \\ 517 &:= 2^1 + 3^1 + 3^3 + 21^0 + 22^2 = 21 + 31 + 33 + 210 + 222 \\ 517 &:= 2^1 + 3^2 + 12^2 + 15^0 + 19^2 = 21 + 32 + 122 + 150 + 192 \\ 517 &:= 2^1 + 3^2 + 8^2 + 17^0 + 21^2 = 21 + 32 + 82 + 170 + 212 \\ 517 &:= 2^1 + 4^3 + 9^1 + 15^0 + 21^2 = 21 + 43 + 91 + 150 + 212 \\ 517 &:= 2^1 + 6^3 + 9^1 + 17^0 + 17^2 = 21 + 63 + 91 + 170 + 172 \\ 517 &:= 2^1 + 8^2 + 11^0 + 15^2 + 15^2 = 21 + 82 + 110 + 152 + 152 \\ 517 &:= 2^1 + 9^2 + 11^0 + 12^2 + 17^2 = 21 + 92 + 110 + 122 + 172 \\ 517 &:= 2^2 + 3^0 + 3^3 + 21^0 + 22^2 = 22 + 30 + 33 + 210 + 222 \\ 517 &:= 2^2 + 3^1 + 5^2 + 19^0 + 22^2 = 22 + 31 + 52 + 190 + 222 \\ 517 &:= 2^2 + 3^2 + 5^0 + 19^1 + 22^2 = 22 + 32 + 50 + 191 + 222 \\ 517 &:= 2^2 + 3^3 + 10^0 + 14^0 + 22^2 = 22 + 33 + 100 + 140 + 222 \\ 517 &:= 2^2 + 3^3 + 11^0 + 13^0 + 22^2 = 22 + 33 + 110 + 130 + 222 \\ 517 &:= 2^2 + 3^3 + 12^0 + 12^0 + 22^2 = 22 + 33 + 120 + 120 + 222 \\ 517 &:= 2^2 + 3^3 + 4^0 + 20^0 + 22^2 = 22 + 33 + 40 + 200 + 222 \\ 517 &:= 2^2 + 3^3 + 5^0 + 19^0 + 22^2 = 22 + 33 + 50 + 190 + 222 \\ 517 &:= 2^2 + 3^3 + 6^0 + 18^0 + 22^2 = 22 + 33 + 60 + 180 + 222 \\ 517 &:= 2^2 + 3^3 + 7^0 + 17^0 + 22^2 = 22 + 33 + 70 + 170 + 222 \\ 517 &:= 2^2 + 3^3 + 8^0 + 16^0 + 22^2 = 22 + 33 + 80 + 160 + 222 \\ 517 &:= 2^2 + 3^3 + 9^0 + 15^0 + 22^2 = 22 + 33 + 90 + 150 + 222 \end{aligned}$$

$$\begin{aligned} 517 &:= 2^2 + 4^2 + 11^0 + 12^1 + 22^2 = 22 + 42 + 110 + 121 + 222 \\ 517 &:= 2^2 + 7^0 + 10^2 + 12^1 + 20^2 = 22 + 70 + 102 + 121 + 202 \\ 517 &:= 2^2 + 7^1 + 11^0 + 12^2 + 19^2 = 22 + 71 + 110 + 122 + 192 \\ 517 &:= 2^2 + 7^1 + 8^2 + 13^0 + 21^2 = 22 + 71 + 82 + 130 + 212 \\ 517 &:= 2^3 + 3^0 + 10^1 + 14^1 + 22^2 = 23 + 30 + 101 + 141 + 222 \\ 517 &:= 2^3 + 3^0 + 11^1 + 13^1 + 22^2 = 23 + 30 + 111 + 131 + 222 \\ 517 &:= 2^3 + 3^0 + 12^1 + 12^1 + 22^2 = 23 + 30 + 121 + 121 + 222 \\ 517 &:= 2^3 + 3^0 + 3^1 + 21^1 + 22^2 = 23 + 30 + 31 + 211 + 222 \\ 517 &:= 2^3 + 3^0 + 4^1 + 20^1 + 22^2 = 23 + 30 + 41 + 201 + 222 \\ 517 &:= 2^3 + 3^0 + 5^1 + 19^1 + 22^2 = 23 + 30 + 51 + 191 + 222 \\ 517 &:= 2^3 + 3^0 + 6^1 + 18^1 + 22^2 = 23 + 30 + 61 + 181 + 222 \\ 517 &:= 2^3 + 3^0 + 7^1 + 17^1 + 22^2 = 23 + 30 + 71 + 171 + 222 \\ 517 &:= 2^3 + 3^0 + 8^1 + 16^1 + 22^2 = 23 + 30 + 81 + 161 + 222 \\ 517 &:= 2^3 + 3^0 + 9^1 + 15^1 + 22^2 = 23 + 30 + 91 + 151 + 222 \\ 517 &:= 2^4 + 2^8 + 3^5 + 16^0 + 27^0 = 24 + 28 + 35 + 160 + 270 \\ 517 &:= 2^4 + 2^8 + 3^5 + 17^0 + 26^0 = 24 + 28 + 35 + 170 + 260 \\ 517 &:= 2^4 + 2^8 + 3^5 + 18^0 + 25^0 = 24 + 28 + 35 + 180 + 250 \\ 517 &:= 2^4 + 2^8 + 3^5 + 19^0 + 24^0 = 24 + 28 + 35 + 190 + 240 \\ 517 &:= 2^4 + 2^8 + 3^5 + 20^0 + 23^0 = 24 + 28 + 35 + 200 + 230 \\ 517 &:= 2^4 + 2^8 + 3^5 + 21^0 + 22^0 = 24 + 28 + 35 + 210 + 220 \\ 517 &:= 2^4 + 3^0 + 9^0 + 15^1 + 22^2 = 24 + 30 + 90 + 151 + 222 \\ 517 &:= 2^4 + 4^0 + 8^0 + 15^1 + 22^2 = 24 + 40 + 80 + 151 + 222 \\ 517 &:= 2^4 + 5^0 + 7^0 + 15^1 + 22^2 = 24 + 50 + 70 + 151 + 222 \\ 517 &:= 2^4 + 6^0 + 6^0 + 15^1 + 22^2 = 24 + 60 + 60 + 151 + 222 \\ 517 &:= 2^6 + 2^6 + 3^3 + 19^2 + 24^0 = 26 + 26 + 33 + 192 + 240 \\ 517 &:= 2^6 + 2^6 + 4^3 + 18^2 + 24^0 = 26 + 26 + 43 + 182 + 240 \\ 517 &:= 2^6 + 2^8 + 6^0 + 13^2 + 27^1 = 26 + 28 + 60 + 132 + 271 \\ 517 &:= 2^7 + 2^7 + 4^1 + 16^2 + 26^0 = 27 + 27 + 41 + 162 + 260 \\ 517 &:= 2^8 + 2^8 + 3^1 + 16^0 + 27^0 = 28 + 28 + 31 + 160 + 270 \\ 517 &:= 2^8 + 2^8 + 3^1 + 17^0 + 26^0 = 28 + 28 + 31 + 170 + 260 \\ 517 &:= 2^8 + 2^8 + 3^1 + 18^0 + 25^0 = 28 + 28 + 31 + 180 + 250 \\ 517 &:= 2^8 + 2^8 + 3^1 + 19^0 + 24^0 = 28 + 28 + 31 + 190 + 240 \\ 517 &:= 2^8 + 2^8 + 3^1 + 20^0 + 23^0 = 28 + 28 + 31 + 200 + 230 \\ 517 &:= 2^8 + 2^8 + 3^1 + 21^0 + 22^0 = 28 + 28 + 31 + 210 + 220 \\ 517 &:= 3^0 + 3^1 + 4^4 + 16^2 + 25^0 = 30 + 31 + 44 + 162 + 250 \\ 517 &:= 3^0 + 3^1 + 7^3 + 12^2 + 26^1 = 30 + 31 + 73 + 122 + 261 \\ 517 &:= 3^0 + 3^2 + 13^2 + 14^1 + 18^2 = 30 + 32 + 132 + 141 + 182 \\ 517 &:= 3^0 + 3^2 + 7^2 + 17^1 + 21^2 = 30 + 32 + 72 + 171 + 212 \end{aligned}$$

$$\begin{aligned}
 517 &:= 3^0 + 4^1 + 7^3 + 12^2 + 25^1 = 30 + 41 + 73 + 122 + 251 \\
 517 &:= 3^0 + 5^1 + 7^3 + 12^2 + 24^1 = 30 + 51 + 73 + 122 + 241 \\
 517 &:= 3^0 + 6^1 + 7^3 + 12^2 + 23^1 = 30 + 61 + 73 + 122 + 231 \\
 517 &:= 3^0 + 6^2 + 12^1 + 12^2 + 18^2 = 30 + 62 + 121 + 122 + 182 \\
 517 &:= 3^0 + 7^1 + 7^3 + 12^2 + 22^1 = 30 + 71 + 73 + 122 + 221 \\
 517 &:= 3^0 + 7^3 + 10^1 + 12^2 + 19^1 = 30 + 73 + 101 + 122 + 191 \\
 517 &:= 3^0 + 7^3 + 11^1 + 12^2 + 18^1 = 30 + 73 + 111 + 122 + 181 \\
 517 &:= 3^0 + 7^3 + 12^1 + 12^2 + 17^1 = 30 + 73 + 121 + 122 + 171 \\
 517 &:= 3^0 + 7^3 + 12^2 + 13^1 + 16^1 = 30 + 73 + 122 + 131 + 161 \\
 517 &:= 3^0 + 7^3 + 12^2 + 14^1 + 15^1 = 30 + 73 + 122 + 141 + 151 \\
 517 &:= 3^0 + 7^3 + 8^1 + 12^2 + 21^1 = 30 + 73 + 81 + 122 + 211 \\
 517 &:= 3^0 + 7^3 + 9^1 + 12^2 + 20^1 = 30 + 73 + 91 + 122 + 201 \\
 517 &:= 3^0 + 9^1 + 13^2 + 13^2 + 13^2 = 30 + 91 + 132 + 132 + 132 \\
 517 &:= 3^0 + 9^2 + 10^1 + 13^2 + 16^2 = 30 + 92 + 101 + 132 + 162 \\
 517 &:= 3^0 + 9^2 + 10^2 + 11^1 + 18^2 = 30 + 92 + 102 + 111 + 182 \\
 517 &:= 3^1 + 4^0 + 4^4 + 16^2 + 24^0 = 31 + 40 + 44 + 162 + 240 \\
 517 &:= 3^1 + 4^3 + 8^1 + 15^0 + 21^2 = 31 + 43 + 81 + 150 + 212 \\
 517 &:= 3^1 + 4^4 + 10^0 + 16^2 + 18^0 = 31 + 44 + 100 + 162 + 180 \\
 517 &:= 3^1 + 4^4 + 11^0 + 16^2 + 17^0 = 31 + 44 + 110 + 162 + 170 \\
 517 &:= 3^1 + 4^4 + 12^0 + 16^0 + 16^2 = 31 + 44 + 120 + 160 + 162 \\
 517 &:= 3^1 + 4^4 + 13^0 + 15^0 + 16^2 = 31 + 44 + 130 + 150 + 162 \\
 517 &:= 3^1 + 4^4 + 14^0 + 14^0 + 16^2 = 31 + 44 + 140 + 140 + 162 \\
 517 &:= 3^1 + 4^4 + 5^0 + 16^2 + 23^0 = 31 + 44 + 50 + 162 + 230 \\
 517 &:= 3^1 + 4^4 + 6^0 + 16^2 + 22^0 = 31 + 44 + 60 + 162 + 220 \\
 517 &:= 3^1 + 4^4 + 7^0 + 16^2 + 21^0 = 31 + 44 + 70 + 162 + 210 \\
 517 &:= 3^1 + 4^4 + 8^0 + 16^2 + 20^0 = 31 + 44 + 80 + 162 + 200 \\
 517 &:= 3^1 + 4^4 + 9^0 + 16^2 + 19^0 = 31 + 44 + 90 + 162 + 190
 \end{aligned}$$

$$\begin{aligned}
 517 &:= 3^1 + 6^2 + 6^2 + 15^0 + 21^2 = 31 + 62 + 62 + 150 + 212 \\
 517 &:= 3^1 + 6^3 + 8^1 + 17^0 + 17^2 = 31 + 63 + 81 + 170 + 172 \\
 517 &:= 3^1 + 7^2 + 8^2 + 13^0 + 20^2 = 31 + 72 + 82 + 130 + 202 \\
 517 &:= 3^1 + 9^0 + 11^2 + 14^2 + 14^2 = 31 + 90 + 112 + 142 + 142 \\
 517 &:= 3^1 + 9^0 + 12^2 + 12^2 + 15^2 = 31 + 90 + 122 + 122 + 152 \\
 517 &:= 3^2 + 3^2 + 9^0 + 14^1 + 22^2 = 32 + 32 + 90 + 141 + 222 \\
 517 &:= 3^2 + 4^2 + 7^1 + 15^0 + 22^2 = 32 + 42 + 71 + 150 + 222 \\
 517 &:= 3^2 + 7^1 + 10^2 + 11^0 + 20^2 = 32 + 71 + 102 + 110 + 202 \\
 517 &:= 4^1 + 4^3 + 7^1 + 15^0 + 21^2 = 41 + 43 + 71 + 150 + 212 \\
 517 &:= 4^1 + 6^3 + 7^1 + 17^0 + 17^2 = 41 + 63 + 71 + 170 + 172 \\
 517 &:= 4^2 + 7^1 + 9^0 + 13^2 + 18^2 = 42 + 71 + 90 + 132 + 182 \\
 517 &:= 4^2 + 7^2 + 9^0 + 10^1 + 21^2 = 42 + 72 + 90 + 101 + 212 \\
 517 &:= 4^3 + 5^1 + 6^1 + 15^0 + 21^2 = 43 + 51 + 61 + 150 + 212 \\
 517 &:= 5^0 + 5^2 + 10^1 + 15^2 + 16^2 = 50 + 52 + 101 + 152 + 162 \\
 517 &:= 5^0 + 5^2 + 6^2 + 14^1 + 21^2 = 50 + 52 + 62 + 141 + 212 \\
 517 &:= 5^0 + 7^1 + 12^2 + 13^2 + 14^2 = 50 + 71 + 122 + 132 + 142 \\
 517 &:= 5^0 + 7^2 + 9^1 + 13^2 + 17^2 = 50 + 72 + 91 + 132 + 172 \\
 517 &:= 5^0 + 8^2 + 9^2 + 10^1 + 19^2 = 50 + 82 + 92 + 101 + 192 \\
 517 &:= 5^1 + 6^1 + 6^3 + 17^0 + 17^2 = 51 + 61 + 63 + 170 + 172 \\
 517 &:= 5^2 + 6^1 + 9^0 + 14^2 + 17^2 = 52 + 61 + 90 + 142 + 172 \\
 517 &:= 5^2 + 7^0 + 9^1 + 11^2 + 19^2 = 52 + 70 + 91 + 112 + 192 \\
 517 &:= 5^2 + 7^0 + 9^2 + 10^1 + 20^2 = 52 + 70 + 92 + 101 + 202 \\
 517 &:= 6^1 + 7^0 + 10^2 + 11^2 + 17^2 = 61 + 70 + 102 + 112 + 172 \\
 517 &:= 6^1 + 7^2 + 9^0 + 10^2 + 19^2 = 61 + 72 + 90 + 102 + 192 \\
 517 &:= 7^0 + 7^1 + 8^2 + 11^2 + 18^2 = 70 + 71 + 82 + 112 + 182
 \end{aligned}$$

2.2.419 Number 518

$$\begin{aligned}
 518 &:= 1^1 + 2^5 + 22^2 + 26^0 = 11 + 25 + 222 + 260 \\
 518 &:= 1^3 + 2^2 + 8^3 + 40^0 = 13 + 22 + 83 + 400 \\
 518 &:= 1^4 + 4^1 + 8^3 + 38^0 = 14 + 41 + 83 + 380 \\
 518 &:= 1^7 + 2^2 + 2^9 + 45^0 = 17 + 22 + 29 + 450 \\
 518 &:= 1^8 + 2^7 + 19^2 + 28^1 = 18 + 27 + 192 + 281 \\
 518 &:= 1^8 + 2^9 + 4^1 + 43^0 = 18 + 29 + 41 + 430 \\
 518 &:= 3^4 + 6^2 + 20^2 + 22^0 = 34 + 62 + 202 + 220 \\
 518 &:= 3^5 + 14^0 + 16^2 + 18^1 = 35 + 140 + 162 + 181 \\
 518 &:= 4^4 + 6^2 + 15^2 + 26^0 = 44 + 62 + 152 + 260
 \end{aligned}$$

$$\begin{aligned}
 518 &:= 5^3 + 7^2 + 7^3 + 32^0 = 53 + 72 + 73 + 320 \\
 518 &:= 1^0 + 1^8 + 2^7 + 19^2 + 27^1 = 10 + 18 + 27 + 192 + 271 \\
 518 &:= 1^0 + 2^4 + 10^2 + 18^0 + 20^2 = 10 + 24 + 102 + 180 + 202 \\
 518 &:= 1^0 + 2^4 + 4^2 + 22^0 + 22^2 = 10 + 24 + 42 + 220 + 222 \\
 518 &:= 1^0 + 3^5 + 14^0 + 16^2 + 17^1 = 10 + 35 + 140 + 162 + 171 \\
 518 &:= 1^0 + 4^4 + 8^2 + 14^2 + 24^0 = 10 + 44 + 82 + 142 + 240 \\
 518 &:= 1^1 + 1^7 + 2^7 + 19^2 + 27^1 = 11 + 17 + 27 + 192 + 271 \\
 518 &:= 1^1 + 2^4 + 10^0 + 16^1 + 22^2 = 11 + 24 + 100 + 161 + 222 \\
 518 &:= 1^1 + 4^1 + 4^4 + 16^2 + 26^0 = 11 + 41 + 44 + 162 + 260
 \end{aligned}$$

$$\begin{aligned} 518 &:= 1^1 + 4^3 + 14^2 + 16^0 + 16^2 = 11 + 43 + 142 + 160 + 162 \\ 518 &:= 1^2 + 1^6 + 2^7 + 19^2 + 27^1 = 12 + 16 + 27 + 192 + 271 \\ 518 &:= 1^2 + 2^0 + 2^3 + 22^2 + 24^1 = 12 + 20 + 23 + 222 + 241 \\ 518 &:= 1^2 + 2^2 + 16^0 + 16^2 + 16^2 = 12 + 22 + 160 + 162 + 162 \\ 518 &:= 1^2 + 3^3 + 5^1 + 20^0 + 22^2 = 12 + 33 + 51 + 200 + 222 \\ 518 &:= 1^2 + 4^1 + 7^3 + 13^2 + 26^0 = 12 + 41 + 73 + 132 + 260 \\ 518 &:= 1^2 + 4^2 + 10^2 + 16^0 + 20^2 = 12 + 42 + 102 + 160 + 202 \\ 518 &:= 1^2 + 4^2 + 4^2 + 20^0 + 22^2 = 12 + 42 + 42 + 200 + 222 \\ 518 &:= 1^2 + 4^3 + 11^1 + 14^0 + 21^2 = 12 + 43 + 111 + 140 + 212 \\ 518 &:= 1^2 + 6^3 + 11^1 + 16^0 + 17^2 = 12 + 63 + 111 + 160 + 172 \\ 518 &:= 1^2 + 8^2 + 12^0 + 14^2 + 16^2 = 12 + 82 + 120 + 142 + 162 \\ 518 &:= 1^3 + 1^5 + 2^7 + 19^2 + 27^1 = 13 + 15 + 27 + 192 + 271 \\ 518 &:= 1^3 + 1^9 + 2^3 + 22^2 + 24^1 = 13 + 19 + 23 + 222 + 241 \\ 518 &:= 1^3 + 2^0 + 3^2 + 22^2 + 23^1 = 13 + 20 + 32 + 222 + 231 \\ 518 &:= 1^3 + 2^1 + 15^2 + 16^0 + 17^2 = 13 + 21 + 152 + 160 + 172 \\ 518 &:= 1^3 + 2^6 + 2^7 + 18^2 + 27^0 = 13 + 26 + 27 + 182 + 270 \\ 518 &:= 1^3 + 4^0 + 10^2 + 16^1 + 20^2 = 13 + 40 + 102 + 161 + 202 \\ 518 &:= 1^3 + 4^1 + 14^0 + 16^2 + 16^2 = 13 + 41 + 140 + 162 + 162 \\ 518 &:= 1^3 + 4^2 + 8^0 + 16^1 + 22^2 = 13 + 42 + 80 + 161 + 222 \\ 518 &:= 1^3 + 5^2 + 7^1 + 16^0 + 22^2 = 13 + 52 + 71 + 160 + 222 \\ 518 &:= 1^3 + 8^0 + 11^1 + 12^2 + 19^2 = 13 + 80 + 111 + 122 + 192 \\ 518 &:= 1^3 + 8^2 + 10^0 + 11^1 + 21^2 = 13 + 82 + 100 + 111 + 212 \\ 518 &:= 1^4 + 1^4 + 2^7 + 19^2 + 27^1 = 14 + 14 + 27 + 192 + 271 \\ 518 &:= 1^4 + 1^8 + 2^3 + 22^2 + 24^1 = 14 + 18 + 23 + 222 + 241 \\ 518 &:= 1^4 + 1^9 + 3^2 + 22^2 + 23^1 = 14 + 19 + 32 + 222 + 231 \\ 518 &:= 1^4 + 2^8 + 3^5 + 17^1 + 27^0 = 14 + 28 + 35 + 171 + 270 \\ 518 &:= 1^4 + 3^1 + 8^3 + 12^0 + 27^0 = 14 + 31 + 83 + 120 + 270 \\ 518 &:= 1^4 + 3^1 + 8^3 + 13^0 + 26^0 = 14 + 31 + 83 + 130 + 260 \\ 518 &:= 1^4 + 3^1 + 8^3 + 14^0 + 25^0 = 14 + 31 + 83 + 140 + 250 \\ 518 &:= 1^4 + 3^1 + 8^3 + 15^0 + 24^0 = 14 + 31 + 83 + 150 + 240 \\ 518 &:= 1^4 + 3^1 + 8^3 + 16^0 + 23^0 = 14 + 31 + 83 + 160 + 230 \\ 518 &:= 1^4 + 3^1 + 8^3 + 17^0 + 22^0 = 14 + 31 + 83 + 170 + 220 \\ 518 &:= 1^4 + 3^1 + 8^3 + 18^0 + 21^0 = 14 + 31 + 83 + 180 + 210 \\ 518 &:= 1^4 + 3^1 + 8^3 + 19^0 + 20^0 = 14 + 31 + 83 + 190 + 200 \\ 518 &:= 1^5 + 1^7 + 2^3 + 22^2 + 24^1 = 15 + 17 + 23 + 222 + 241 \\ 518 &:= 1^5 + 1^8 + 3^2 + 22^2 + 23^1 = 15 + 18 + 32 + 222 + 231 \\ 518 &:= 1^6 + 1^6 + 2^3 + 22^2 + 24^1 = 16 + 16 + 23 + 222 + 241 \\ 518 &:= 1^6 + 1^7 + 3^2 + 22^2 + 23^1 = 16 + 17 + 32 + 222 + 231 \end{aligned}$$

$$\begin{aligned} 518 &:= 1^6 + 2^7 + 12^2 + 15^2 + 20^1 = 16 + 27 + 122 + 152 + 201 \\ 518 &:= 1^6 + 2^7 + 3^3 + 19^2 + 25^0 = 16 + 27 + 33 + 192 + 250 \\ 518 &:= 1^6 + 2^7 + 4^3 + 18^2 + 25^0 = 16 + 27 + 43 + 182 + 250 \\ 518 &:= 1^6 + 2^8 + 8^2 + 14^2 + 25^0 = 16 + 28 + 82 + 142 + 250 \\ 518 &:= 1^7 + 2^1 + 2^7 + 19^2 + 26^1 = 17 + 21 + 27 + 192 + 261 \\ 518 &:= 1^7 + 2^7 + 10^1 + 18^1 + 19^2 = 17 + 27 + 101 + 181 + 192 \\ 518 &:= 1^7 + 2^7 + 11^1 + 17^1 + 19^2 = 17 + 27 + 111 + 171 + 192 \\ 518 &:= 1^7 + 2^7 + 12^1 + 16^1 + 19^2 = 17 + 27 + 121 + 161 + 192 \\ 518 &:= 1^7 + 2^7 + 13^1 + 15^1 + 19^2 = 17 + 27 + 131 + 151 + 192 \\ 518 &:= 1^7 + 2^7 + 14^1 + 14^1 + 19^2 = 17 + 27 + 141 + 141 + 192 \\ 518 &:= 1^7 + 2^7 + 3^1 + 19^2 + 25^1 = 17 + 27 + 31 + 192 + 251 \\ 518 &:= 1^7 + 2^7 + 4^1 + 19^2 + 24^1 = 17 + 27 + 41 + 192 + 241 \\ 518 &:= 1^7 + 2^7 + 5^1 + 19^2 + 23^1 = 17 + 27 + 51 + 192 + 231 \\ 518 &:= 1^7 + 2^7 + 6^1 + 19^2 + 22^1 = 17 + 27 + 61 + 192 + 221 \\ 518 &:= 1^7 + 2^7 + 7^1 + 19^2 + 21^1 = 17 + 27 + 71 + 192 + 211 \\ 518 &:= 1^7 + 2^7 + 8^1 + 19^2 + 20^1 = 17 + 27 + 81 + 192 + 201 \\ 518 &:= 1^7 + 2^7 + 8^2 + 18^2 + 21^0 = 17 + 27 + 82 + 182 + 210 \\ 518 &:= 1^7 + 2^7 + 9^1 + 19^1 + 19^2 = 17 + 27 + 91 + 191 + 192 \\ 518 &:= 1^7 + 2^8 + 4^1 + 16^2 + 27^0 = 17 + 28 + 41 + 162 + 270 \\ 518 &:= 1^8 + 2^4 + 2^4 + 22^2 + 23^0 = 18 + 24 + 24 + 222 + 230 \\ 518 &:= 1^8 + 2^5 + 12^2 + 17^1 + 18^2 = 18 + 25 + 122 + 171 + 182 \\ 518 &:= 1^8 + 2^6 + 14^2 + 16^2 + 17^0 = 18 + 26 + 142 + 162 + 170 \\ 518 &:= 1^8 + 2^9 + 3^1 + 17^0 + 27^0 = 18 + 29 + 31 + 170 + 270 \\ 518 &:= 1^8 + 2^9 + 3^1 + 18^0 + 26^0 = 18 + 29 + 31 + 180 + 260 \\ 518 &:= 1^8 + 2^9 + 3^1 + 19^0 + 25^0 = 18 + 29 + 31 + 190 + 250 \\ 518 &:= 1^8 + 2^9 + 3^1 + 20^0 + 24^0 = 18 + 29 + 31 + 200 + 240 \\ 518 &:= 1^8 + 2^9 + 3^1 + 21^0 + 23^0 = 18 + 29 + 31 + 210 + 230 \\ 518 &:= 1^8 + 2^9 + 3^1 + 22^0 + 22^0 = 18 + 29 + 31 + 220 + 220 \\ 518 &:= 1^8 + 3^5 + 4^4 + 17^1 + 25^0 = 18 + 35 + 44 + 171 + 250 \\ 518 &:= 1^8 + 3^5 + 9^2 + 13^2 + 24^1 = 18 + 35 + 92 + 132 + 241 \\ 518 &:= 1^9 + 2^3 + 5^3 + 19^2 + 23^1 = 19 + 23 + 53 + 192 + 231 \\ 518 &:= 1^9 + 2^4 + 14^2 + 16^1 + 17^2 = 19 + 24 + 142 + 161 + 172 \\ 518 &:= 1^9 + 2^6 + 11^1 + 15^0 + 21^2 = 19 + 26 + 111 + 150 + 212 \\ 518 &:= 1^9 + 3^2 + 4^4 + 15^2 + 27^1 = 19 + 32 + 44 + 152 + 271 \\ 518 &:= 1^9 + 3^3 + 3^3 + 21^2 + 22^1 = 19 + 33 + 33 + 212 + 221 \\ 518 &:= 1^9 + 4^3 + 4^4 + 14^2 + 27^0 = 19 + 43 + 44 + 142 + 270 \\ 518 &:= 2^0 + 2^2 + 4^4 + 16^2 + 27^0 = 20 + 22 + 44 + 162 + 270 \\ 518 &:= 2^0 + 2^3 + 13^2 + 16^1 + 18^2 = 20 + 23 + 132 + 161 + 182 \end{aligned}$$

$$\begin{aligned} 518 &:= 2^0 + 2^3 + 7^2 + 19^1 + 21^2 = 20 + 23 + 72 + 191 + 212 & 518 &:= 2^3 + 2^5 + 2^7 + 18^2 + 26^1 = 23 + 25 + 27 + 182 + 261 \\ 518 &:= 2^0 + 2^4 + 10^2 + 17^0 + 20^2 = 20 + 24 + 102 + 170 + 202 & 518 &:= 2^3 + 3^2 + 8^0 + 16^1 + 22^2 = 23 + 32 + 80 + 161 + 222 \\ 518 &:= 2^0 + 2^4 + 4^2 + 21^0 + 22^2 = 20 + 24 + 42 + 210 + 222 & 518 &:= 2^3 + 4^1 + 12^2 + 14^0 + 19^2 = 23 + 41 + 122 + 140 + 192 \\ 518 &:= 2^0 + 3^2 + 5^3 + 19^2 + 22^1 = 20 + 32 + 53 + 192 + 221 & 518 &:= 2^3 + 4^1 + 8^2 + 16^0 + 21^2 = 23 + 41 + 82 + 160 + 212 \\ 518 &:= 2^0 + 3^5 + 13^0 + 16^2 + 17^1 = 20 + 35 + 130 + 162 + 171 & 518 &:= 2^3 + 4^2 + 9^1 + 14^0 + 22^2 = 23 + 42 + 91 + 140 + 222 \\ 518 &:= 2^0 + 4^4 + 8^2 + 14^2 + 23^0 = 20 + 44 + 82 + 142 + 230 & 518 &:= 2^3 + 9^1 + 10^0 + 10^2 + 20^2 = 23 + 91 + 100 + 102 + 202 \\ 518 &:= 2^0 + 5^3 + 7^2 + 18^2 + 19^1 = 20 + 53 + 72 + 182 + 191 & 518 &:= 2^4 + 3^0 + 10^2 + 16^0 + 20^2 = 24 + 30 + 102 + 160 + 202 \\ 518 &:= 2^0 + 7^2 + 7^3 + 10^2 + 25^1 = 20 + 72 + 73 + 102 + 251 & 518 &:= 2^4 + 3^0 + 4^2 + 20^0 + 22^2 = 24 + 30 + 42 + 200 + 222 \\ 518 &:= 2^1 + 2^2 + 3^3 + 22^0 + 22^2 = 21 + 22 + 33 + 220 + 222 & 518 &:= 2^4 + 3^1 + 10^0 + 14^1 + 22^2 = 24 + 31 + 100 + 141 + 222 \\ 518 &:= 2^1 + 2^4 + 10^0 + 15^1 + 22^2 = 21 + 24 + 100 + 151 + 222 & 518 &:= 2^4 + 4^0 + 10^2 + 15^0 + 20^2 = 24 + 40 + 102 + 150 + 202 \\ 518 &:= 2^1 + 3^1 + 4^4 + 16^2 + 26^0 = 21 + 31 + 44 + 162 + 260 & 518 &:= 2^4 + 4^0 + 4^2 + 19^0 + 22^2 = 24 + 40 + 42 + 190 + 222 \\ 518 &:= 2^2 + 10^0 + 11^2 + 14^2 + 14^2 = 22 + 100 + 112 + 142 + 142 & 518 &:= 2^4 + 4^1 + 10^0 + 13^1 + 22^2 = 24 + 41 + 100 + 131 + 222 \\ 518 &:= 2^2 + 10^0 + 12^2 + 12^2 + 15^2 = 22 + 100 + 122 + 122 + 152 & 518 &:= 2^4 + 4^2 + 10^0 + 13^0 + 22^2 = 24 + 42 + 100 + 130 + 222 \\ 518 &:= 2^2 + 2^2 + 5^2 + 20^0 + 22^2 = 22 + 22 + 52 + 200 + 222 & 518 &:= 2^4 + 4^2 + 11^0 + 12^0 + 22^2 = 24 + 42 + 110 + 120 + 222 \\ 518 &:= 2^2 + 2^3 + 4^0 + 21^1 + 22^2 = 22 + 23 + 40 + 211 + 222 & 518 &:= 2^4 + 4^2 + 5^0 + 18^0 + 22^2 = 24 + 42 + 50 + 180 + 222 \\ 518 &:= 2^2 + 2^8 + 2^8 + 17^0 + 27^0 = 22 + 28 + 28 + 170 + 270 & 518 &:= 2^4 + 4^2 + 6^0 + 17^0 + 22^2 = 24 + 42 + 60 + 170 + 222 \\ 518 &:= 2^2 + 2^8 + 2^8 + 18^0 + 26^0 = 22 + 28 + 28 + 180 + 260 & 518 &:= 2^4 + 4^2 + 7^0 + 16^0 + 22^2 = 24 + 42 + 70 + 160 + 222 \\ 518 &:= 2^2 + 2^8 + 2^8 + 19^0 + 25^0 = 22 + 28 + 28 + 190 + 250 & 518 &:= 2^4 + 4^2 + 8^0 + 15^0 + 22^2 = 24 + 42 + 80 + 150 + 222 \\ 518 &:= 2^2 + 2^8 + 2^8 + 20^0 + 24^0 = 22 + 28 + 28 + 200 + 240 & 518 &:= 2^4 + 4^2 + 9^0 + 14^0 + 22^2 = 24 + 42 + 90 + 140 + 222 \\ 518 &:= 2^2 + 2^8 + 2^8 + 21^0 + 23^0 = 22 + 28 + 28 + 210 + 230 & 518 &:= 2^4 + 5^0 + 10^2 + 14^0 + 20^2 = 24 + 50 + 102 + 140 + 202 \\ 518 &:= 2^2 + 2^8 + 2^8 + 22^0 + 22^0 = 22 + 28 + 28 + 220 + 220 & 518 &:= 2^4 + 5^1 + 10^0 + 12^1 + 22^2 = 24 + 51 + 100 + 121 + 222 \\ 518 &:= 2^2 + 3^0 + 4^4 + 16^2 + 26^0 = 22 + 30 + 44 + 162 + 260 & 518 &:= 2^4 + 6^0 + 10^2 + 13^0 + 20^2 = 24 + 60 + 102 + 130 + 202 \\ 518 &:= 2^2 + 4^0 + 4^4 + 16^2 + 25^0 = 22 + 40 + 44 + 162 + 250 & 518 &:= 2^4 + 6^1 + 10^0 + 11^1 + 22^2 = 24 + 61 + 100 + 111 + 222 \\ 518 &:= 2^2 + 4^0 + 7^3 + 12^2 + 26^1 = 22 + 40 + 73 + 122 + 261 & 518 &:= 2^4 + 7^0 + 10^2 + 12^0 + 20^2 = 24 + 70 + 102 + 120 + 202 \\ 518 &:= 2^2 + 4^3 + 8^1 + 16^0 + 21^2 = 22 + 43 + 81 + 160 + 212 & 518 &:= 2^4 + 7^1 + 10^0 + 10^1 + 22^2 = 24 + 71 + 100 + 101 + 222 \\ 518 &:= 2^2 + 4^4 + 10^0 + 16^2 + 19^0 = 22 + 44 + 100 + 162 + 190 & 518 &:= 2^4 + 8^0 + 10^2 + 11^0 + 20^2 = 24 + 80 + 102 + 110 + 202 \\ 518 &:= 2^2 + 4^4 + 11^0 + 16^2 + 18^0 = 22 + 44 + 110 + 162 + 180 & 518 &:= 2^4 + 8^1 + 9^1 + 10^0 + 22^2 = 24 + 81 + 91 + 100 + 222 \\ 518 &:= 2^2 + 4^4 + 12^0 + 16^2 + 17^0 = 22 + 44 + 120 + 162 + 170 & 518 &:= 2^4 + 9^0 + 10^0 + 10^2 + 20^2 = 24 + 90 + 100 + 102 + 202 \\ 518 &:= 2^2 + 4^4 + 13^0 + 16^0 + 16^2 = 22 + 44 + 130 + 160 + 162 & 518 &:= 2^7 + 2^7 + 6^2 + 15^2 + 25^0 = 27 + 27 + 62 + 152 + 250 \\ 518 &:= 2^2 + 4^4 + 14^0 + 15^0 + 16^2 = 22 + 44 + 140 + 150 + 162 & 518 &:= 2^7 + 2^8 + 11^2 + 12^1 + 23^0 = 27 + 28 + 112 + 121 + 230 \\ 518 &:= 2^2 + 4^4 + 5^0 + 16^2 + 24^0 = 22 + 44 + 50 + 162 + 240 & 518 &:= 3^0 + 3^5 + 12^0 + 16^2 + 17^1 = 30 + 35 + 120 + 162 + 171 \\ 518 &:= 2^2 + 4^4 + 6^0 + 16^2 + 23^0 = 22 + 44 + 60 + 162 + 230 & 518 &:= 3^0 + 4^4 + 8^2 + 14^2 + 22^0 = 30 + 44 + 82 + 142 + 220 \\ 518 &:= 2^2 + 4^4 + 7^0 + 16^2 + 22^0 = 22 + 44 + 70 + 162 + 220 & 518 &:= 3^1 + 3^2 + 4^3 + 20^0 + 21^2 = 31 + 32 + 43 + 200 + 212 \\ 518 &:= 2^2 + 4^4 + 8^0 + 16^2 + 21^0 = 22 + 44 + 80 + 162 + 210 & 518 &:= 3^1 + 3^2 + 6^3 + 17^2 + 22^0 = 31 + 32 + 63 + 172 + 220 \\ 518 &:= 2^2 + 4^4 + 9^0 + 16^2 + 20^0 = 22 + 44 + 90 + 162 + 200 & 518 &:= 3^1 + 4^3 + 14^0 + 15^2 + 15^2 = 31 + 43 + 140 + 152 + 152 \\ 518 &:= 2^2 + 6^2 + 6^2 + 16^0 + 21^2 = 22 + 62 + 62 + 160 + 212 & 518 &:= 3^1 + 5^3 + 10^2 + 16^0 + 17^2 = 31 + 53 + 102 + 160 + 172 \\ 518 &:= 2^2 + 6^3 + 8^1 + 17^2 + 18^0 = 22 + 63 + 81 + 172 + 180 & 518 &:= 3^2 + 7^3 + 8^0 + 12^2 + 21^1 = 32 + 73 + 80 + 122 + 211 \\ 518 &:= 2^2 + 7^2 + 8^2 + 14^0 + 20^2 = 22 + 72 + 82 + 140 + 202 & 518 &:= 3^3 + 5^1 + 12^0 + 14^2 + 17^2 = 33 + 51 + 120 + 142 + 172 \end{aligned}$$

$518 := 3^3 + 6^2 + 8^0 + 13^1 + 21^2 = 33 + 62 + 80 + 131 + 212$	$518 := 4^4 + 7^0 + 8^2 + 14^2 + 18^0 = 44 + 70 + 82 + 142 + 180$
$518 := 3^3 + 8^0 + 9^1 + 15^2 + 16^2 = 33 + 80 + 91 + 152 + 162$	$518 := 4^4 + 8^0 + 8^2 + 14^2 + 17^0 = 44 + 80 + 82 + 142 + 170$
$518 := 3^3 + 8^1 + 10^0 + 11^2 + 19^2 = 33 + 81 + 100 + 112 + 192$	$518 := 4^4 + 8^2 + 10^0 + 14^2 + 15^0 = 44 + 82 + 100 + 142 + 150$
$518 := 3^3 + 9^1 + 9^2 + 10^0 + 20^2 = 33 + 91 + 92 + 100 + 202$	$518 := 4^4 + 8^2 + 11^0 + 14^0 + 14^2 = 44 + 82 + 110 + 140 + 142$
$518 := 3^5 + 4^0 + 11^0 + 16^2 + 17^1 = 35 + 40 + 110 + 162 + 171$	$518 := 4^4 + 8^2 + 12^0 + 13^0 + 14^2 = 44 + 82 + 120 + 130 + 142$
$518 := 3^5 + 5^0 + 10^0 + 16^2 + 17^1 = 35 + 50 + 100 + 162 + 171$	$518 := 4^4 + 8^2 + 9^0 + 14^2 + 16^0 = 44 + 82 + 90 + 142 + 160$
$518 := 3^5 + 6^0 + 9^0 + 16^2 + 17^1 = 35 + 60 + 90 + 162 + 171$	$518 := 5^1 + 5^2 + 7^3 + 12^2 + 22^0 = 51 + 52 + 73 + 122 + 220$
$518 := 3^5 + 7^0 + 8^0 + 16^2 + 17^1 = 35 + 70 + 80 + 162 + 171$	$518 := 5^1 + 6^3 + 10^2 + 14^2 + 16^0 = 51 + 63 + 102 + 142 + 160$
$518 := 4^0 + 4^3 + 6^2 + 17^1 + 20^2 = 40 + 43 + 62 + 171 + 202$	$518 := 5^2 + 5^3 + 6^1 + 16^0 + 19^2 = 52 + 53 + 61 + 160 + 192$
$518 := 4^0 + 4^4 + 8^2 + 14^2 + 21^0 = 40 + 44 + 82 + 142 + 210$	$518 := 5^2 + 8^0 + 10^2 + 14^2 + 14^2 = 52 + 80 + 102 + 142 + 142$
$518 := 4^0 + 5^2 + 6^3 + 16^2 + 20^1 = 40 + 52 + 63 + 162 + 201$	$518 := 6^0 + 10^2 + 10^2 + 11^2 + 14^2 = 60 + 102 + 102 + 112 + 142$
$518 := 4^0 + 5^3 + 11^2 + 15^1 + 16^2 = 40 + 53 + 112 + 151 + 162$	$518 := 6^2 + 6^2 + 10^0 + 11^2 + 18^2 = 62 + 62 + 100 + 112 + 182$
$518 := 4^1 + 4^3 + 7^2 + 16^0 + 20^2 = 41 + 43 + 72 + 160 + 202$	$518 := 6^2 + 6^3 + 9^1 + 14^0 + 16^2 = 62 + 63 + 91 + 140 + 162$
$518 := 4^1 + 5^3 + 8^2 + 16^0 + 18^2 = 41 + 53 + 82 + 160 + 182$	$518 := 6^2 + 7^3 + 10^0 + 11^2 + 17^1 = 62 + 73 + 100 + 112 + 171$
$518 := 4^1 + 7^2 + 7^3 + 11^2 + 22^0 = 41 + 72 + 73 + 112 + 220$	$518 := 6^2 + 8^0 + 9^2 + 12^2 + 16^2 = 62 + 80 + 92 + 122 + 162$
$518 := 4^2 + 4^2 + 12^0 + 14^2 + 17^2 = 42 + 42 + 120 + 142 + 172$	$518 := 6^3 + 10^0 + 11^1 + 11^2 + 13^2 = 63 + 100 + 111 + 112 + 132$
$518 := 4^2 + 5^3 + 8^0 + 15^1 + 19^2 = 42 + 53 + 80 + 151 + 192$	$518 := 6^3 + 8^0 + 12^2 + 12^2 + 13^1 = 63 + 80 + 122 + 122 + 131$
$518 := 4^2 + 7^2 + 10^0 + 14^2 + 16^2 = 42 + 72 + 100 + 142 + 162$	$518 := 6^3 + 8^2 + 10^0 + 12^1 + 15^2 = 63 + 82 + 100 + 121 + 152$
$518 := 4^2 + 7^3 + 12^2 + 14^0 + 14^1 = 42 + 73 + 122 + 140 + 141$	$518 := 7^3 + 8^2 + 10^1 + 10^2 + 16^0 = 73 + 82 + 101 + 102 + 160$
$518 := 4^3 + 8^0 + 9^2 + 11^1 + 19^2 = 43 + 80 + 92 + 111 + 192$	$518 := 7^3 + 9^2 + 9^2 + 12^1 + 14^0 = 73 + 92 + 92 + 121 + 140$
$518 := 4^3 + 8^1 + 10^0 + 11^2 + 18^2 = 43 + 81 + 100 + 112 + 182$	$518 := 8^0 + 8^2 + 8^2 + 10^2 + 17^2 = 80 + 82 + 82 + 102 + 172$
$518 := 4^4 + 5^0 + 8^2 + 14^2 + 20^0 = 44 + 50 + 82 + 142 + 200$	
$518 := 4^4 + 6^0 + 8^2 + 14^2 + 19^0 = 44 + 60 + 82 + 142 + 190$	

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$519 := 1^3 + 2^3 + 22^2 + 26^1 = 13 + 23 + 222 + 261$	$519 := 1^0 + 1^2 + 2^5 + 22^2 + 25^0 = 10 + 12 + 25 + 222 + 250$
$519 := 1^3 + 7^3 + 12^2 + 31^1 = 13 + 73 + 122 + 311$	$519 := 1^0 + 1^3 + 2^3 + 22^2 + 25^1 = 10 + 13 + 23 + 222 + 251$
$519 := 1^4 + 3^2 + 22^2 + 25^1 = 14 + 32 + 222 + 251$	$519 := 1^0 + 1^4 + 3^2 + 22^2 + 24^1 = 10 + 14 + 32 + 222 + 241$
$519 := 1^5 + 5^1 + 8^3 + 37^0 = 15 + 51 + 83 + 370$	$519 := 1^0 + 2^3 + 5^3 + 19^2 + 24^1 = 10 + 23 + 53 + 192 + 241$
$519 := 1^9 + 2^9 + 5^1 + 42^0 = 19 + 29 + 51 + 420$	$519 := 1^0 + 2^4 + 14^2 + 17^1 + 17^2 = 10 + 24 + 142 + 171 + 172$
$519 := 2^3 + 5^3 + 19^2 + 25^1 = 23 + 53 + 192 + 251$	$519 := 1^0 + 2^5 + 14^2 + 17^0 + 17^2 = 10 + 25 + 142 + 170 + 172$
$519 := 2^4 + 14^2 + 17^2 + 18^1 = 24 + 142 + 172 + 181$	$519 := 1^0 + 2^6 + 12^1 + 15^0 + 21^2 = 10 + 26 + 121 + 150 + 212$
$519 := 2^6 + 13^1 + 15^0 + 21^2 = 26 + 131 + 150 + 212$	$519 := 1^0 + 3^3 + 3^3 + 21^2 + 23^1 = 10 + 33 + 33 + 212 + 231$
$519 := 3^2 + 4^4 + 15^2 + 29^1 = 32 + 44 + 152 + 291$	$519 := 1^0 + 3^5 + 7^2 + 15^2 + 25^0 = 10 + 35 + 72 + 152 + 250$
$519 := 3^3 + 3^3 + 21^2 + 24^1 = 33 + 33 + 212 + 241$	$519 := 1^1 + 1^1 + 2^5 + 22^2 + 25^0 = 11 + 11 + 25 + 222 + 250$
$519 := 4^2 + 5^3 + 7^3 + 35^1 = 42 + 53 + 73 + 351$	$519 := 1^1 + 1^2 + 2^3 + 22^2 + 25^1 = 11 + 12 + 23 + 222 + 251$
$519 := 4^3 + 7^3 + 9^2 + 31^1 = 43 + 73 + 92 + 311$	$519 := 1^1 + 1^3 + 3^2 + 22^2 + 24^1 = 11 + 13 + 32 + 222 + 241$
$519 := 4^4 + 4^4 + 6^1 + 37^0 = 44 + 44 + 61 + 370$	$519 := 1^1 + 2^3 + 13^2 + 17^1 + 18^2 = 11 + 23 + 132 + 171 + 182$

$$\begin{aligned} 519 &:= 1^1 + 2^3 + 7^2 + 20^1 + 21^2 = 11 + 23 + 72 + 201 + 212 & 519 &:= 1^2 + 4^1 + 7^3 + 12^2 + 27^1 = 12 + 41 + 73 + 122 + 271 \\ 519 &:= 1^1 + 3^2 + 5^3 + 19^2 + 23^1 = 11 + 32 + 53 + 192 + 231 & 519 &:= 1^2 + 4^4 + 5^1 + 16^2 + 25^0 = 12 + 44 + 51 + 162 + 250 \\ 519 &:= 1^1 + 3^4 + 6^2 + 20^2 + 21^0 = 11 + 34 + 62 + 202 + 210 & 519 &:= 1^2 + 5^1 + 7^3 + 12^2 + 26^1 = 12 + 51 + 73 + 122 + 261 \\ 519 &:= 1^1 + 3^5 + 13^0 + 16^2 + 18^1 = 11 + 35 + 130 + 162 + 181 & 519 &:= 1^2 + 5^3 + 14^2 + 14^2 + 17^0 = 12 + 53 + 142 + 142 + 170 \\ 519 &:= 1^1 + 4^4 + 6^2 + 15^2 + 25^0 = 11 + 44 + 62 + 152 + 250 & 519 &:= 1^2 + 6^1 + 7^3 + 12^2 + 25^1 = 12 + 61 + 73 + 122 + 251 \\ 519 &:= 1^1 + 5^3 + 7^2 + 18^2 + 20^1 = 11 + 53 + 72 + 182 + 201 & 519 &:= 1^2 + 6^2 + 12^2 + 14^1 + 18^2 = 12 + 62 + 122 + 141 + 182 \\ 519 &:= 1^1 + 7^2 + 7^3 + 10^2 + 26^1 = 11 + 72 + 73 + 102 + 261 & 519 &:= 1^2 + 7^1 + 7^3 + 12^2 + 24^1 = 12 + 71 + 73 + 122 + 241 \\ 519 &:= 1^2 + 1^2 + 3^2 + 22^2 + 24^1 = 12 + 12 + 32 + 222 + 241 & 519 &:= 1^2 + 7^3 + 10^1 + 12^2 + 21^1 = 12 + 73 + 101 + 122 + 211 \\ 519 &:= 1^2 + 11^1 + 13^2 + 13^2 + 13^2 = 12 + 111 + 132 + 132 + 132 & 519 &:= 1^2 + 7^3 + 11^1 + 12^2 + 20^1 = 12 + 73 + 111 + 122 + 201 \\ 519 &:= 1^2 + 2^0 + 2^5 + 22^2 + 24^0 = 12 + 20 + 25 + 222 + 240 & 519 &:= 1^2 + 7^3 + 12^1 + 12^2 + 19^1 = 12 + 73 + 121 + 122 + 191 \\ 519 &:= 1^2 + 2^1 + 2^3 + 22^2 + 24^1 = 12 + 21 + 23 + 222 + 241 & 519 &:= 1^2 + 7^3 + 12^2 + 13^1 + 18^1 = 12 + 73 + 122 + 131 + 181 \\ 519 &:= 1^2 + 2^3 + 10^1 + 16^1 + 22^2 = 12 + 23 + 101 + 161 + 222 & 519 &:= 1^2 + 7^3 + 12^2 + 14^1 + 17^1 = 12 + 73 + 122 + 141 + 171 \\ 519 &:= 1^2 + 2^3 + 11^1 + 15^1 + 22^2 = 12 + 23 + 111 + 151 + 222 & 519 &:= 1^2 + 7^3 + 12^2 + 15^1 + 16^1 = 12 + 73 + 122 + 151 + 161 \\ 519 &:= 1^2 + 2^3 + 12^1 + 14^1 + 22^2 = 12 + 23 + 121 + 141 + 222 & 519 &:= 1^2 + 7^3 + 8^1 + 12^2 + 23^1 = 12 + 73 + 81 + 122 + 231 \\ 519 &:= 1^2 + 2^3 + 13^1 + 13^1 + 22^2 = 12 + 23 + 131 + 131 + 222 & 519 &:= 1^2 + 7^3 + 9^1 + 12^2 + 22^1 = 12 + 73 + 91 + 122 + 221 \\ 519 &:= 1^2 + 2^3 + 3^1 + 22^2 + 23^1 = 12 + 23 + 31 + 222 + 231 & 519 &:= 1^2 + 9^2 + 10^2 + 13^1 + 18^2 = 12 + 92 + 102 + 131 + 182 \\ 519 &:= 1^2 + 2^3 + 4^1 + 22^1 + 22^2 = 12 + 23 + 41 + 221 + 222 & 519 &:= 1^2 + 9^2 + 12^1 + 13^2 + 16^2 = 12 + 92 + 121 + 132 + 162 \\ 519 &:= 1^2 + 2^3 + 5^1 + 21^1 + 22^2 = 12 + 23 + 51 + 211 + 222 & 519 &:= 1^3 + 1^9 + 2^5 + 22^2 + 24^0 = 13 + 19 + 25 + 222 + 240 \\ 519 &:= 1^2 + 2^3 + 5^2 + 21^0 + 22^2 = 12 + 23 + 52 + 210 + 222 & 519 &:= 1^3 + 2^1 + 3^2 + 22^2 + 23^1 = 13 + 21 + 32 + 222 + 231 \\ 519 &:= 1^2 + 2^3 + 6^1 + 20^1 + 22^2 = 12 + 23 + 61 + 201 + 222 & 519 &:= 1^3 + 3^1 + 3^2 + 22^1 + 22^2 = 13 + 31 + 32 + 221 + 222 \\ 519 &:= 1^2 + 2^3 + 7^1 + 19^1 + 22^2 = 12 + 23 + 71 + 191 + 222 & 519 &:= 1^3 + 3^2 + 10^1 + 15^1 + 22^2 = 13 + 32 + 101 + 151 + 222 \\ 519 &:= 1^2 + 2^3 + 8^1 + 18^1 + 22^2 = 12 + 23 + 81 + 181 + 222 & 519 &:= 1^3 + 3^2 + 11^1 + 14^1 + 22^2 = 13 + 32 + 111 + 141 + 222 \\ 519 &:= 1^2 + 2^3 + 9^1 + 17^1 + 22^2 = 12 + 23 + 91 + 171 + 222 & 519 &:= 1^3 + 3^2 + 12^1 + 13^1 + 22^2 = 13 + 32 + 121 + 131 + 222 \\ 519 &:= 1^2 + 2^4 + 9^0 + 17^1 + 22^2 = 12 + 24 + 90 + 171 + 222 & 519 &:= 1^3 + 3^2 + 4^1 + 21^1 + 22^2 = 13 + 32 + 41 + 211 + 222 \\ 519 &:= 1^2 + 2^5 + 10^0 + 16^0 + 22^2 = 12 + 25 + 100 + 160 + 222 & 519 &:= 1^3 + 3^2 + 5^1 + 20^1 + 22^2 = 13 + 32 + 51 + 201 + 222 \\ 519 &:= 1^2 + 2^5 + 11^0 + 15^0 + 22^2 = 12 + 25 + 110 + 150 + 222 & 519 &:= 1^3 + 3^2 + 6^1 + 19^1 + 22^2 = 13 + 32 + 61 + 191 + 222 \\ 519 &:= 1^2 + 2^5 + 12^0 + 14^0 + 22^2 = 12 + 25 + 120 + 140 + 222 & 519 &:= 1^3 + 3^2 + 7^1 + 18^1 + 22^2 = 13 + 32 + 71 + 181 + 222 \\ 519 &:= 1^2 + 2^5 + 13^0 + 13^0 + 22^2 = 12 + 25 + 130 + 130 + 222 & 519 &:= 1^3 + 3^2 + 8^1 + 17^1 + 22^2 = 13 + 32 + 81 + 171 + 222 \\ 519 &:= 1^2 + 2^5 + 3^0 + 22^2 + 23^0 = 12 + 25 + 30 + 222 + 230 & 519 &:= 1^3 + 3^2 + 9^1 + 16^1 + 22^2 = 13 + 32 + 91 + 161 + 222 \\ 519 &:= 1^2 + 2^5 + 4^0 + 22^0 + 22^2 = 12 + 25 + 40 + 220 + 222 & 519 &:= 1^3 + 3^3 + 6^1 + 19^0 + 22^2 = 13 + 33 + 61 + 190 + 222 \\ 519 &:= 1^2 + 2^5 + 5^0 + 21^0 + 22^2 = 12 + 25 + 50 + 210 + 222 & 519 &:= 1^3 + 4^3 + 12^1 + 13^0 + 21^2 = 13 + 43 + 121 + 130 + 212 \\ 519 &:= 1^2 + 2^5 + 6^0 + 20^0 + 22^2 = 12 + 25 + 60 + 200 + 222 & 519 &:= 1^3 + 5^1 + 7^3 + 13^2 + 25^0 = 13 + 51 + 73 + 132 + 250 \\ 519 &:= 1^2 + 2^5 + 7^0 + 19^0 + 22^2 = 12 + 25 + 70 + 190 + 222 & 519 &:= 1^3 + 6^2 + 13^0 + 15^2 + 16^2 = 13 + 62 + 130 + 152 + 162 \\ 519 &:= 1^2 + 2^5 + 8^0 + 18^0 + 22^2 = 12 + 25 + 80 + 180 + 222 & 519 &:= 1^3 + 6^2 + 9^2 + 15^0 + 20^2 = 13 + 62 + 92 + 150 + 202 \\ 519 &:= 1^2 + 2^5 + 9^0 + 17^0 + 22^2 = 12 + 25 + 90 + 170 + 222 & 519 &:= 1^3 + 6^3 + 12^1 + 15^0 + 17^2 = 13 + 63 + 121 + 150 + 172 \\ 519 &:= 1^2 + 3^2 + 13^2 + 16^1 + 18^2 = 12 + 32 + 132 + 161 + 182 & 519 &:= 1^3 + 7^2 + 12^2 + 13^0 + 18^2 = 13 + 72 + 122 + 130 + 182 \\ 519 &:= 1^2 + 3^2 + 7^2 + 19^1 + 21^2 = 12 + 32 + 72 + 191 + 212 & 519 &:= 1^4 + 1^8 + 2^5 + 22^2 + 24^0 = 14 + 18 + 25 + 222 + 240 \\ 519 &:= 1^2 + 3^3 + 7^2 + 19^0 + 21^2 = 12 + 33 + 72 + 190 + 212 & 519 &:= 1^4 + 2^2 + 8^3 + 13^0 + 27^0 = 14 + 22 + 83 + 130 + 270 \end{aligned}$$

$519 := 1^4 + 2^2 + 8^3 + 14^0 + 26^0 = 14 + 22 + 83 + 140 + 260$	$519 := 1^9 + 2^9 + 4^1 + 20^0 + 23^0 = 19 + 29 + 41 + 200 + 230$
$519 := 1^4 + 2^2 + 8^3 + 15^0 + 25^0 = 14 + 22 + 83 + 150 + 250$	$519 := 1^9 + 2^9 + 4^1 + 21^0 + 22^0 = 19 + 29 + 41 + 210 + 220$
$519 := 1^4 + 2^2 + 8^3 + 16^0 + 24^0 = 14 + 22 + 83 + 160 + 240$	$519 := 1^9 + 3^5 + 4^4 + 18^1 + 24^0 = 19 + 35 + 44 + 181 + 240$
$519 := 1^4 + 2^2 + 8^3 + 17^0 + 23^0 = 14 + 22 + 83 + 170 + 230$	$519 := 2^0 + 2^5 + 14^2 + 16^0 + 17^2 = 20 + 25 + 142 + 160 + 172$
$519 := 1^4 + 2^2 + 8^3 + 18^0 + 22^0 = 14 + 22 + 83 + 180 + 220$	$519 := 2^0 + 2^6 + 12^1 + 14^0 + 21^2 = 20 + 26 + 121 + 140 + 212$
$519 := 1^4 + 2^2 + 8^3 + 19^0 + 21^0 = 14 + 22 + 83 + 190 + 210$	$519 := 2^0 + 3^5 + 7^2 + 15^2 + 24^0 = 20 + 35 + 72 + 152 + 240$
$519 := 1^4 + 2^2 + 8^3 + 20^0 + 20^0 = 14 + 22 + 83 + 200 + 200$	$519 := 2^1 + 2^2 + 4^4 + 16^2 + 27^0 = 21 + 22 + 44 + 162 + 270$
$519 := 1^4 + 3^0 + 10^2 + 17^1 + 20^2 = 14 + 30 + 102 + 171 + 202$	$519 := 2^1 + 2^3 + 13^2 + 16^1 + 18^2 = 21 + 23 + 132 + 161 + 182$
$519 := 1^4 + 3^1 + 15^0 + 15^2 + 17^2 = 14 + 31 + 150 + 152 + 172$	$519 := 2^1 + 2^3 + 7^2 + 19^1 + 21^2 = 21 + 23 + 72 + 191 + 212$
$519 := 1^4 + 4^2 + 7^0 + 17^1 + 22^2 = 14 + 42 + 70 + 171 + 222$	$519 := 2^1 + 2^4 + 10^2 + 17^0 + 20^2 = 21 + 24 + 102 + 170 + 202$
$519 := 1^4 + 5^1 + 13^0 + 16^2 + 16^2 = 14 + 51 + 130 + 162 + 162$	$519 := 2^1 + 2^4 + 4^2 + 21^0 + 22^2 = 21 + 24 + 42 + 210 + 222$
$519 := 1^4 + 5^2 + 8^1 + 15^0 + 22^2 = 14 + 52 + 81 + 150 + 222$	$519 := 2^1 + 3^2 + 5^3 + 19^2 + 22^1 = 21 + 32 + 53 + 192 + 221$
$519 := 1^4 + 7^0 + 12^1 + 12^2 + 19^2 = 14 + 70 + 121 + 122 + 192$	$519 := 2^1 + 3^5 + 13^0 + 16^2 + 17^1 = 21 + 35 + 130 + 162 + 171$
$519 := 1^4 + 8^2 + 9^0 + 12^1 + 21^2 = 14 + 82 + 90 + 121 + 212$	$519 := 2^1 + 4^4 + 8^2 + 14^2 + 23^0 = 21 + 44 + 82 + 142 + 230$
$519 := 1^5 + 1^7 + 2^5 + 22^2 + 24^0 = 15 + 17 + 25 + 222 + 240$	$519 := 2^1 + 5^3 + 7^2 + 18^2 + 19^1 = 21 + 53 + 72 + 182 + 191$
$519 := 1^5 + 2^8 + 3^5 + 18^1 + 26^0 = 15 + 28 + 35 + 181 + 260$	$519 := 2^1 + 7^2 + 7^3 + 10^2 + 25^1 = 21 + 72 + 73 + 102 + 251$
$519 := 1^5 + 4^1 + 8^3 + 11^0 + 27^0 = 15 + 41 + 83 + 110 + 270$	$519 := 2^2 + 2^2 + 2^2 + 22^2 + 23^1 = 22 + 22 + 22 + 222 + 231$
$519 := 1^5 + 4^1 + 8^3 + 12^0 + 26^0 = 15 + 41 + 83 + 120 + 260$	$519 := 2^2 + 2^4 + 11^0 + 14^1 + 22^2 = 22 + 24 + 110 + 141 + 222$
$519 := 1^5 + 4^1 + 8^3 + 13^0 + 25^0 = 15 + 41 + 83 + 130 + 250$	$519 := 2^2 + 3^2 + 4^3 + 21^0 + 21^2 = 22 + 32 + 43 + 210 + 212$
$519 := 1^5 + 4^1 + 8^3 + 14^0 + 24^0 = 15 + 41 + 83 + 140 + 240$	$519 := 2^2 + 3^2 + 6^3 + 17^2 + 23^0 = 22 + 32 + 63 + 172 + 230$
$519 := 1^5 + 4^1 + 8^3 + 15^0 + 23^0 = 15 + 41 + 83 + 150 + 230$	$519 := 2^2 + 4^2 + 14^1 + 14^2 + 17^2 = 22 + 42 + 141 + 142 + 172$
$519 := 1^5 + 4^1 + 8^3 + 16^0 + 22^0 = 15 + 41 + 83 + 160 + 220$	$519 := 2^2 + 4^3 + 15^0 + 15^2 + 15^2 = 22 + 43 + 150 + 152 + 152$
$519 := 1^5 + 4^1 + 8^3 + 17^0 + 21^0 = 15 + 41 + 83 + 170 + 210$	$519 := 2^2 + 5^3 + 10^2 + 17^0 + 17^2 = 22 + 53 + 102 + 170 + 172$
$519 := 1^5 + 4^1 + 8^3 + 18^0 + 20^0 = 15 + 41 + 83 + 180 + 200$	$519 := 2^2 + 6^2 + 8^2 + 15^1 + 20^2 = 22 + 62 + 82 + 151 + 202$
$519 := 1^5 + 4^1 + 8^3 + 19^0 + 19^0 = 15 + 41 + 83 + 190 + 190$	$519 := 2^3 + 10^2 + 11^0 + 11^2 + 17^2 = 23 + 102 + 110 + 112 + 172$
$519 := 1^6 + 1^6 + 2^5 + 22^2 + 24^0 = 16 + 16 + 25 + 222 + 240$	$519 := 2^3 + 2^3 + 7^0 + 18^1 + 22^2 = 23 + 23 + 70 + 181 + 222$
$519 := 1^7 + 2^8 + 6^2 + 15^2 + 26^0 = 17 + 28 + 62 + 152 + 260$	$519 := 2^3 + 3^1 + 13^2 + 15^1 + 18^2 = 23 + 31 + 132 + 151 + 182$
$519 := 1^8 + 2^2 + 2^9 + 18^0 + 27^0 = 18 + 22 + 29 + 180 + 270$	$519 := 2^3 + 3^1 + 7^2 + 18^1 + 21^2 = 23 + 31 + 72 + 181 + 212$
$519 := 1^8 + 2^2 + 2^9 + 19^0 + 26^0 = 18 + 22 + 29 + 190 + 260$	$519 := 2^3 + 4^1 + 13^2 + 14^1 + 18^2 = 23 + 41 + 132 + 141 + 182$
$519 := 1^8 + 2^2 + 2^9 + 20^0 + 25^0 = 18 + 22 + 29 + 200 + 250$	$519 := 2^3 + 4^1 + 7^2 + 17^1 + 21^2 = 23 + 41 + 72 + 171 + 212$
$519 := 1^8 + 2^2 + 2^9 + 21^0 + 24^0 = 18 + 22 + 29 + 210 + 240$	$519 := 2^3 + 4^3 + 5^1 + 19^0 + 21^2 = 23 + 43 + 51 + 190 + 212$
$519 := 1^8 + 2^2 + 2^9 + 22^0 + 23^0 = 18 + 22 + 29 + 220 + 230$	$519 := 2^3 + 5^1 + 13^1 + 13^2 + 18^2 = 23 + 51 + 131 + 132 + 182$
$519 := 1^8 + 2^7 + 10^2 + 17^2 + 20^0 = 18 + 27 + 102 + 172 + 200$	$519 := 2^3 + 5^1 + 6^3 + 17^2 + 21^0 = 23 + 51 + 63 + 172 + 210$
$519 := 1^8 + 2^8 + 5^1 + 16^2 + 26^0 = 18 + 28 + 51 + 162 + 260$	$519 := 2^3 + 5^1 + 7^2 + 16^1 + 21^2 = 23 + 51 + 72 + 161 + 212$
$519 := 1^9 + 2^9 + 4^1 + 16^0 + 27^0 = 19 + 29 + 41 + 160 + 270$	$519 := 2^3 + 5^2 + 13^0 + 14^2 + 17^2 = 23 + 52 + 130 + 142 + 172$
$519 := 1^9 + 2^9 + 4^1 + 17^0 + 26^0 = 19 + 29 + 41 + 170 + 260$	$519 := 2^3 + 6^1 + 12^1 + 13^2 + 18^2 = 23 + 61 + 121 + 132 + 182$
$519 := 1^9 + 2^9 + 4^1 + 18^0 + 25^0 = 19 + 29 + 41 + 180 + 250$	$519 := 2^3 + 6^1 + 7^2 + 15^1 + 21^2 = 23 + 61 + 72 + 151 + 212$
$519 := 1^9 + 2^9 + 4^1 + 19^0 + 24^0 = 19 + 29 + 41 + 190 + 240$	$519 := 2^3 + 7^0 + 7^3 + 12^2 + 23^1 = 23 + 70 + 73 + 122 + 231$

$$\begin{aligned} 519 &:= 2^3 + 7^1 + 11^1 + 13^2 + 18^2 = 23 + 71 + 111 + 132 + 182 & 519 &:= 3^2 + 5^1 + 5^3 + 19^1 + 19^2 = 32 + 51 + 53 + 191 + 192 \\ 519 &:= 2^3 + 7^1 + 7^2 + 14^1 + 21^2 = 23 + 71 + 72 + 141 + 212 & 519 &:= 3^2 + 5^3 + 10^1 + 14^1 + 19^2 = 32 + 53 + 101 + 141 + 192 \\ 519 &:= 2^3 + 7^2 + 10^1 + 11^1 + 21^2 = 23 + 72 + 101 + 111 + 212 & 519 &:= 3^2 + 5^3 + 11^1 + 13^1 + 19^2 = 32 + 53 + 111 + 131 + 192 \\ 519 &:= 2^3 + 7^2 + 10^2 + 13^0 + 19^2 = 23 + 72 + 102 + 130 + 192 & 519 &:= 3^2 + 5^3 + 12^1 + 12^1 + 19^2 = 32 + 53 + 121 + 121 + 192 \\ 519 &:= 2^3 + 7^2 + 8^1 + 13^1 + 21^2 = 23 + 72 + 81 + 131 + 212 & 519 &:= 3^2 + 5^3 + 6^1 + 18^1 + 19^2 = 32 + 53 + 61 + 181 + 192 \\ 519 &:= 2^3 + 7^2 + 9^1 + 12^1 + 21^2 = 23 + 72 + 91 + 121 + 212 & 519 &:= 3^2 + 5^3 + 7^1 + 17^1 + 19^2 = 32 + 53 + 71 + 171 + 192 \\ 519 &:= 2^3 + 8^1 + 10^1 + 13^2 + 18^2 = 23 + 81 + 101 + 132 + 182 & 519 &:= 3^2 + 5^3 + 8^1 + 16^1 + 19^2 = 32 + 53 + 81 + 161 + 192 \\ 519 &:= 2^3 + 9^1 + 9^1 + 13^2 + 18^2 = 23 + 91 + 91 + 132 + 182 & 519 &:= 3^2 + 5^3 + 9^1 + 15^1 + 19^2 = 32 + 53 + 91 + 151 + 192 \\ 519 &:= 2^4 + 3^2 + 9^1 + 15^0 + 22^2 = 24 + 32 + 91 + 150 + 222 & 519 &:= 3^2 + 6^2 + 10^2 + 13^1 + 19^2 = 32 + 62 + 102 + 131 + 192 \\ 519 &:= 2^4 + 7^2 + 9^0 + 12^1 + 21^2 = 24 + 72 + 90 + 121 + 212 & 519 &:= 3^2 + 7^2 + 11^1 + 15^2 + 15^2 = 32 + 72 + 111 + 152 + 152 \\ 519 &:= 2^4 + 9^0 + 9^1 + 13^2 + 18^2 = 24 + 90 + 91 + 132 + 182 & 519 &:= 3^3 + 4^1 + 7^3 + 12^2 + 25^0 = 33 + 41 + 73 + 122 + 250 \\ 519 &:= 2^5 + 3^0 + 14^2 + 15^0 + 17^2 = 25 + 30 + 142 + 150 + 172 & 519 &:= 3^3 + 5^1 + 5^3 + 19^0 + 19^2 = 33 + 51 + 53 + 190 + 192 \\ 519 &:= 2^5 + 4^0 + 14^0 + 14^2 + 17^2 = 25 + 40 + 140 + 142 + 172 & 519 &:= 3^3 + 5^2 + 5^2 + 17^0 + 21^2 = 33 + 52 + 52 + 170 + 212 \\ 519 &:= 2^5 + 5^0 + 13^0 + 14^2 + 17^2 = 25 + 50 + 130 + 142 + 172 & 519 &:= 3^3 + 6^3 + 7^0 + 16^2 + 19^1 = 33 + 63 + 70 + 162 + 191 \\ 519 &:= 2^5 + 6^0 + 12^0 + 14^2 + 17^2 = 25 + 60 + 120 + 142 + 172 & 519 &:= 3^3 + 7^2 + 9^2 + 13^0 + 19^2 = 33 + 72 + 92 + 130 + 192 \\ 519 &:= 2^5 + 7^0 + 11^0 + 14^2 + 17^2 = 25 + 70 + 110 + 142 + 172 & 519 &:= 3^3 + 9^2 + 11^0 + 11^2 + 17^2 = 33 + 92 + 110 + 112 + 172 \\ 519 &:= 2^5 + 8^0 + 10^0 + 14^2 + 17^2 = 25 + 80 + 100 + 142 + 172 & 519 &:= 3^4 + 4^1 + 12^2 + 15^0 + 17^2 = 34 + 41 + 122 + 150 + 172 \\ 519 &:= 2^5 + 9^0 + 9^0 + 14^2 + 17^2 = 25 + 90 + 90 + 142 + 172 & 519 &:= 3^4 + 5^2 + 11^0 + 12^1 + 20^2 = 34 + 52 + 110 + 121 + 202 \\ 519 &:= 2^6 + 3^0 + 12^1 + 13^0 + 21^2 = 26 + 30 + 121 + 130 + 212 & 519 &:= 3^4 + 7^0 + 10^2 + 13^1 + 18^2 = 34 + 70 + 102 + 131 + 182 \\ 519 &:= 2^6 + 4^0 + 12^0 + 12^1 + 21^2 = 26 + 40 + 120 + 121 + 212 & 519 &:= 3^4 + 7^0 + 12^1 + 13^2 + 16^2 = 34 + 70 + 121 + 132 + 162 \\ 519 &:= 2^6 + 5^0 + 11^0 + 12^1 + 21^2 = 26 + 50 + 110 + 121 + 212 & 519 &:= 3^4 + 8^2 + 9^0 + 12^1 + 19^2 = 34 + 82 + 90 + 121 + 192 \\ 519 &:= 2^6 + 6^0 + 10^0 + 12^1 + 21^2 = 26 + 60 + 100 + 121 + 212 & 519 &:= 3^5 + 4^0 + 7^2 + 15^2 + 22^0 = 35 + 40 + 72 + 152 + 220 \\ 519 &:= 2^6 + 7^0 + 9^0 + 12^1 + 21^2 = 26 + 70 + 90 + 121 + 212 & 519 &:= 3^5 + 4^1 + 13^0 + 15^1 + 16^2 = 35 + 41 + 130 + 151 + 162 \\ 519 &:= 2^6 + 8^0 + 8^0 + 12^1 + 21^2 = 26 + 80 + 80 + 121 + 212 & 519 &:= 3^5 + 5^0 + 7^2 + 15^2 + 21^0 = 35 + 50 + 72 + 152 + 210 \\ 519 &:= 3^0 + 3^3 + 7^3 + 11^2 + 27^1 = 30 + 33 + 73 + 112 + 271 & 519 &:= 3^5 + 5^1 + 13^0 + 14^1 + 16^2 = 35 + 51 + 130 + 141 + 162 \\ 519 &:= 3^0 + 3^4 + 14^2 + 15^2 + 16^1 = 30 + 34 + 142 + 152 + 161 & 519 &:= 3^5 + 6^0 + 7^2 + 15^2 + 20^0 = 35 + 60 + 72 + 152 + 200 \\ 519 &:= 3^0 + 3^4 + 4^2 + 20^2 + 21^1 = 30 + 34 + 42 + 202 + 211 & 519 &:= 3^5 + 6^1 + 13^0 + 13^1 + 16^2 = 35 + 61 + 130 + 131 + 162 \\ 519 &:= 3^0 + 3^5 + 7^2 + 15^2 + 23^0 = 30 + 35 + 72 + 152 + 230 & 519 &:= 3^5 + 7^0 + 7^2 + 15^2 + 19^0 = 35 + 70 + 72 + 152 + 190 \\ 519 &:= 3^1 + 3^2 + 5^3 + 19^2 + 21^1 = 31 + 32 + 53 + 192 + 211 & 519 &:= 3^5 + 7^1 + 12^1 + 13^0 + 16^2 = 35 + 71 + 121 + 130 + 162 \\ 519 &:= 3^1 + 3^5 + 13^0 + 16^1 + 16^2 = 31 + 35 + 130 + 161 + 162 & 519 &:= 3^5 + 7^2 + 10^0 + 15^2 + 16^0 = 35 + 72 + 100 + 152 + 160 \\ 519 &:= 3^1 + 5^3 + 7^2 + 18^1 + 18^2 = 31 + 53 + 72 + 181 + 182 & 519 &:= 3^5 + 7^2 + 11^0 + 15^0 + 15^2 = 35 + 72 + 110 + 150 + 152 \\ 519 &:= 3^1 + 7^2 + 7^3 + 10^2 + 24^1 = 31 + 72 + 73 + 102 + 241 & 519 &:= 3^5 + 7^2 + 12^0 + 14^0 + 15^2 = 35 + 72 + 120 + 140 + 152 \\ 519 &:= 3^2 + 10^1 + 10^2 + 12^2 + 16^2 = 32 + 101 + 102 + 122 + 162 & 519 &:= 3^5 + 7^2 + 13^0 + 13^0 + 15^2 = 35 + 72 + 130 + 130 + 152 \\ 519 &:= 3^2 + 3^3 + 11^2 + 15^0 + 19^2 = 32 + 33 + 112 + 150 + 192 & 519 &:= 3^5 + 7^2 + 8^0 + 15^2 + 18^0 = 35 + 72 + 80 + 152 + 180 \\ 519 &:= 3^2 + 4^1 + 5^3 + 19^2 + 20^1 = 32 + 41 + 53 + 192 + 201 & 519 &:= 3^5 + 7^2 + 9^0 + 15^2 + 17^0 = 35 + 72 + 90 + 152 + 170 \\ 519 &:= 3^2 + 4^2 + 13^1 + 15^2 + 16^2 = 32 + 42 + 131 + 152 + 162 & 519 &:= 3^5 + 8^1 + 11^1 + 13^0 + 16^2 = 35 + 81 + 111 + 130 + 162 \\ 519 &:= 3^2 + 4^2 + 6^2 + 17^1 + 21^2 = 32 + 42 + 62 + 171 + 212 & 519 &:= 3^5 + 9^1 + 10^1 + 13^0 + 16^2 = 35 + 91 + 101 + 130 + 162 \\ 519 &:= 3^2 + 4^3 + 11^2 + 15^0 + 18^2 = 32 + 43 + 112 + 150 + 182 & 519 &:= 4^1 + 5^3 + 7^2 + 17^1 + 18^2 = 41 + 53 + 72 + 171 + 182 \end{aligned}$$

$519 := 4^1 + 7^2 + 7^3 + 10^2 + 23^1 = 41 + 72 + 73 + 102 + 231$	$519 := 5^2 + 6^3 + 9^2 + 14^2 + 17^0 = 52 + 63 + 92 + 142 + 170$
$519 := 4^2 + 4^2 + 5^3 + 19^0 + 19^2 = 42 + 42 + 53 + 190 + 192$	$519 := 5^2 + 8^1 + 11^2 + 13^2 + 14^2 = 52 + 81 + 112 + 132 + 142$
$519 := 4^2 + 4^4 + 7^0 + 15^2 + 21^1 = 42 + 44 + 70 + 152 + 211$	$519 := 5^2 + 8^2 + 9^1 + 14^2 + 15^2 = 52 + 82 + 91 + 142 + 152$
$519 := 4^2 + 5^2 + 8^2 + 14^1 + 20^2 = 42 + 52 + 82 + 141 + 202$	$519 := 5^3 + 5^3 + 12^1 + 13^0 + 16^2 = 53 + 53 + 121 + 130 + 162$
$519 := 4^2 + 5^3 + 11^2 + 15^0 + 16^2 = 42 + 53 + 112 + 150 + 162$	$519 := 5^3 + 6^1 + 7^2 + 15^1 + 18^2 = 53 + 61 + 72 + 151 + 182$
$519 := 4^2 + 7^2 + 9^2 + 12^1 + 19^2 = 42 + 72 + 92 + 121 + 192$	$519 := 5^3 + 6^2 + 7^3 + 14^1 + 19^0 = 53 + 62 + 73 + 141 + 190$
$519 := 4^2 + 9^1 + 10^2 + 13^2 + 15^2 = 42 + 91 + 102 + 132 + 152$	$519 := 5^3 + 6^3 + 8^1 + 13^2 + 19^0 = 53 + 63 + 81 + 132 + 190$
$519 := 4^3 + 5^1 + 5^3 + 18^2 + 19^0 = 43 + 51 + 53 + 182 + 190$	$519 := 5^3 + 7^1 + 7^2 + 14^1 + 18^2 = 53 + 71 + 72 + 141 + 182$
$519 := 4^3 + 6^3 + 13^0 + 13^1 + 15^2 = 43 + 63 + 130 + 131 + 152$	$519 := 5^3 + 7^2 + 10^1 + 11^1 + 18^2 = 53 + 72 + 101 + 111 + 182$
$519 := 4^3 + 7^2 + 9^2 + 13^0 + 18^2 = 43 + 72 + 92 + 130 + 182$	$519 := 5^3 + 7^2 + 8^1 + 13^1 + 18^2 = 53 + 72 + 81 + 131 + 182$
$519 := 4^3 + 7^3 + 10^2 + 11^1 + 19^0 = 43 + 73 + 102 + 111 + 190$	$519 := 5^3 + 7^2 + 9^1 + 12^1 + 18^2 = 53 + 72 + 91 + 121 + 182$
$519 := 4^4 + 4^4 + 5^1 + 11^0 + 27^0 = 44 + 44 + 51 + 110 + 270$	$519 := 6^1 + 10^2 + 10^2 + 12^2 + 13^2 = 61 + 102 + 102 + 122 + 132$
$519 := 4^4 + 4^4 + 5^1 + 12^0 + 26^0 = 44 + 44 + 51 + 120 + 260$	$519 := 6^1 + 7^2 + 7^3 + 10^2 + 21^1 = 61 + 72 + 73 + 102 + 211$
$519 := 4^4 + 4^4 + 5^1 + 13^0 + 25^0 = 44 + 44 + 51 + 130 + 250$	$519 := 6^1 + 9^2 + 12^2 + 12^2 + 12^2 = 61 + 92 + 122 + 122 + 122$
$519 := 4^4 + 4^4 + 5^1 + 14^0 + 24^0 = 44 + 44 + 51 + 140 + 240$	$519 := 6^2 + 7^2 + 10^1 + 10^2 + 18^2 = 62 + 72 + 101 + 102 + 182$
$519 := 4^4 + 4^4 + 5^1 + 15^0 + 23^0 = 44 + 44 + 51 + 150 + 230$	$519 := 6^2 + 7^2 + 9^1 + 13^2 + 16^2 = 62 + 72 + 91 + 132 + 162$
$519 := 4^4 + 4^4 + 5^1 + 16^0 + 22^0 = 44 + 44 + 51 + 160 + 220$	$519 := 6^2 + 8^1 + 9^2 + 13^2 + 15^2 = 62 + 81 + 92 + 132 + 152$
$519 := 4^4 + 4^4 + 5^1 + 17^0 + 21^0 = 44 + 44 + 51 + 170 + 210$	$519 := 6^2 + 8^2 + 9^1 + 11^2 + 17^2 = 62 + 82 + 91 + 112 + 172$
$519 := 4^4 + 4^4 + 5^1 + 18^0 + 20^0 = 44 + 44 + 51 + 180 + 200$	$519 := 6^3 + 6^3 + 8^2 + 9^0 + 22^1 = 63 + 63 + 82 + 90 + 221$
$519 := 4^4 + 4^4 + 5^1 + 19^0 + 19^0 = 44 + 44 + 51 + 190 + 190$	$519 := 6^3 + 9^2 + 10^2 + 11^2 + 15^0 = 63 + 92 + 102 + 112 + 150$
$519 := 4^4 + 5^0 + 11^2 + 11^2 + 20^1 = 44 + 50 + 112 + 112 + 201$	$519 := 7^1 + 7^2 + 7^3 + 10^2 + 20^1 = 71 + 72 + 73 + 102 + 201$
$519 := 4^4 + 5^2 + 12^1 + 15^0 + 15^2 = 44 + 52 + 121 + 150 + 152$	$519 := 7^2 + 7^2 + 7^2 + 11^1 + 19^2 = 72 + 72 + 72 + 111 + 192$
$519 := 4^4 + 7^0 + 10^2 + 12^2 + 18^1 = 44 + 70 + 102 + 122 + 181$	$519 := 7^2 + 7^3 + 10^1 + 10^2 + 17^1 = 72 + 73 + 101 + 102 + 171$
$519 := 4^4 + 7^2 + 9^0 + 14^2 + 17^1 = 44 + 72 + 90 + 142 + 171$	$519 := 7^2 + 7^3 + 10^2 + 11^1 + 16^1 = 72 + 73 + 102 + 111 + 161$
$519 := 4^4 + 9^2 + 12^1 + 13^0 + 13^2 = 44 + 92 + 121 + 130 + 132$	$519 := 7^2 + 7^3 + 10^2 + 12^1 + 15^1 = 72 + 73 + 102 + 121 + 151$
$519 := 5^1 + 5^3 + 7^2 + 16^1 + 18^2 = 51 + 53 + 72 + 161 + 182$	$519 := 7^2 + 7^3 + 10^2 + 13^1 + 14^1 = 72 + 73 + 102 + 131 + 141$
$519 := 5^1 + 6^3 + 6^3 + 9^2 + 25^0 = 51 + 63 + 63 + 92 + 250$	$519 := 7^2 + 7^3 + 8^1 + 10^2 + 19^1 = 72 + 73 + 81 + 102 + 191$
$519 := 5^1 + 7^2 + 7^3 + 10^2 + 22^1 = 51 + 72 + 73 + 102 + 221$	$519 := 7^2 + 7^3 + 9^1 + 10^2 + 18^1 = 72 + 73 + 91 + 102 + 181$
$519 := 5^2 + 5^2 + 11^1 + 13^2 + 17^2 = 52 + 52 + 111 + 132 + 172$	
$519 := 5^2 + 5^3 + 7^3 + 9^0 + 25^1 = 52 + 53 + 73 + 90 + 251$	

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$520 := 2^9 + 7^1 + 42^0 = 29 + 71 + 420$	$520 := 2^9 + 4^0 + 6^1 + 39^0 = 29 + 40 + 61 + 390$
$520 := 1^0 + 2^9 + 6^1 + 42^0 = 10 + 29 + 61 + 420$	$520 := 2^9 + 5^0 + 6^1 + 38^0 = 29 + 50 + 61 + 380$
$520 := 1^6 + 6^1 + 8^3 + 36^0 = 16 + 61 + 83 + 360$	$520 := 2^9 + 6^0 + 6^1 + 37^0 = 29 + 60 + 61 + 370$
$520 := 2^0 + 2^9 + 6^1 + 41^0 = 20 + 29 + 61 + 410$	$520 := 2^9 + 6^1 + 10^0 + 33^0 = 29 + 61 + 100 + 330$
$520 := 2^5 + 7^3 + 12^2 + 30^0 = 25 + 73 + 122 + 300$	$520 := 2^9 + 6^1 + 11^0 + 32^0 = 29 + 61 + 110 + 320$
$520 := 2^9 + 3^0 + 6^1 + 40^0 = 29 + 30 + 61 + 400$	$520 := 2^9 + 6^1 + 12^0 + 31^0 = 29 + 61 + 120 + 310$

$520 := 2^9 + 6^1 + 13^0 + 30^0$	$= 29 + 61 + 130 + 300$	$520 := 1^5 + 6^0 + 12^2 + 13^1 + 19^2$	$= 15 + 60 + 122 + 131 + 192$
$520 := 2^9 + 6^1 + 14^0 + 29^0$	$= 29 + 61 + 140 + 290$	$520 := 1^5 + 6^1 + 12^0 + 16^2 + 16^2$	$= 15 + 61 + 120 + 162 + 162$
$520 := 2^9 + 6^1 + 15^0 + 28^0$	$= 29 + 61 + 150 + 280$	$520 := 1^5 + 8^0 + 8^2 + 13^1 + 21^2$	$= 15 + 80 + 82 + 131 + 212$
$520 := 2^9 + 6^1 + 16^0 + 27^0$	$= 29 + 61 + 160 + 270$	$520 := 1^6 + 1^9 + 10^2 + 18^1 + 20^2$	$= 16 + 19 + 102 + 181 + 202$
$520 := 2^9 + 6^1 + 17^0 + 26^0$	$= 29 + 61 + 170 + 260$	$520 := 1^6 + 2^8 + 3^5 + 19^1 + 25^0$	$= 16 + 28 + 35 + 191 + 250$
$520 := 2^9 + 6^1 + 18^0 + 25^0$	$= 29 + 61 + 180 + 250$	$520 := 1^6 + 5^1 + 8^3 + 10^0 + 27^0$	$= 16 + 51 + 83 + 100 + 270$
$520 := 2^9 + 6^1 + 19^0 + 24^0$	$= 29 + 61 + 190 + 240$	$520 := 1^6 + 5^1 + 8^3 + 11^0 + 26^0$	$= 16 + 51 + 83 + 110 + 260$
$520 := 2^9 + 6^1 + 20^0 + 23^0$	$= 29 + 61 + 200 + 230$	$520 := 1^6 + 5^1 + 8^3 + 12^0 + 25^0$	$= 16 + 51 + 83 + 120 + 250$
$520 := 2^9 + 6^1 + 21^0 + 22^0$	$= 29 + 61 + 210 + 220$	$520 := 1^6 + 5^1 + 8^3 + 13^0 + 24^0$	$= 16 + 51 + 83 + 130 + 240$
$520 := 2^9 + 6^1 + 7^0 + 36^0$	$= 29 + 61 + 70 + 360$	$520 := 1^6 + 5^1 + 8^3 + 14^0 + 23^0$	$= 16 + 51 + 83 + 140 + 230$
$520 := 2^9 + 6^1 + 8^0 + 35^0$	$= 29 + 61 + 80 + 350$	$520 := 1^6 + 5^1 + 8^3 + 15^0 + 22^0$	$= 16 + 51 + 83 + 150 + 220$
$520 := 2^9 + 6^1 + 9^0 + 34^0$	$= 29 + 61 + 90 + 340$	$520 := 1^6 + 5^1 + 8^3 + 16^0 + 21^0$	$= 16 + 51 + 83 + 160 + 210$
$520 := 3^5 + 4^4 + 20^1 + 24^0$	$= 35 + 44 + 201 + 240$	$520 := 1^6 + 5^1 + 8^3 + 17^0 + 20^0$	$= 16 + 51 + 83 + 170 + 200$
$520 := 1^0 + 2^5 + 5^3 + 19^2 + 24^0$	$= 10 + 25 + 53 + 192 + 240$	$520 := 1^6 + 5^1 + 8^3 + 18^0 + 19^0$	$= 16 + 51 + 83 + 180 + 190$
$520 := 1^0 + 2^9 + 5^1 + 16^0 + 27^0$	$= 10 + 29 + 51 + 160 + 270$	$520 := 1^7 + 1^8 + 10^2 + 18^1 + 20^2$	$= 17 + 18 + 102 + 181 + 202$
$520 := 1^0 + 2^9 + 5^1 + 17^0 + 26^0$	$= 10 + 29 + 51 + 170 + 260$	$520 := 1^8 + 2^2 + 2^7 + 19^2 + 26^1$	$= 18 + 22 + 27 + 192 + 261$
$520 := 1^0 + 2^9 + 5^1 + 18^0 + 25^0$	$= 10 + 29 + 51 + 180 + 250$	$520 := 1^8 + 2^7 + 9^2 + 17^2 + 21^1$	$= 18 + 27 + 92 + 172 + 211$
$520 := 1^0 + 2^9 + 5^1 + 19^0 + 24^0$	$= 10 + 29 + 51 + 190 + 240$	$520 := 1^9 + 2^5 + 4^3 + 20^2 + 23^1$	$= 19 + 25 + 43 + 202 + 231$
$520 := 1^0 + 2^9 + 5^1 + 20^0 + 23^0$	$= 10 + 29 + 51 + 200 + 230$	$520 := 1^9 + 2^8 + 6^1 + 16^2 + 25^0$	$= 19 + 28 + 61 + 162 + 250$
$520 := 1^0 + 2^9 + 5^1 + 21^0 + 22^0$	$= 10 + 29 + 51 + 210 + 220$	$520 := 2^0 + 2^5 + 5^2 + 21^1 + 21^2$	$= 20 + 25 + 52 + 211 + 212$
$520 := 1^0 + 3^5 + 4^4 + 19^1 + 24^0$	$= 10 + 35 + 44 + 191 + 240$	$520 := 2^0 + 2^5 + 5^3 + 19^2 + 23^0$	$= 20 + 25 + 53 + 192 + 230$
$520 := 1^1 + 2^6 + 13^1 + 14^0 + 21^2$	$= 11 + 26 + 131 + 140 + 212$	$520 := 2^0 + 2^9 + 5^1 + 15^0 + 27^0$	$= 20 + 29 + 51 + 150 + 270$
$520 := 1^2 + 2^1 + 2^5 + 22^2 + 24^0$	$= 12 + 21 + 25 + 222 + 240$	$520 := 2^0 + 2^9 + 5^1 + 16^0 + 26^0$	$= 20 + 29 + 51 + 160 + 260$
$520 := 1^2 + 3^5 + 12^0 + 16^2 + 19^1$	$= 12 + 35 + 120 + 162 + 191$	$520 := 2^0 + 2^9 + 5^1 + 17^0 + 25^0$	$= 20 + 29 + 51 + 170 + 250$
$520 := 1^3 + 2^4 + 8^0 + 18^1 + 22^2$	$= 13 + 24 + 80 + 181 + 222$	$520 := 2^0 + 2^9 + 5^1 + 18^0 + 24^0$	$= 20 + 29 + 51 + 180 + 240$
$520 := 1^3 + 4^4 + 6^1 + 16^2 + 24^0$	$= 13 + 44 + 61 + 162 + 240$	$520 := 2^0 + 2^9 + 5^1 + 19^0 + 23^0$	$= 20 + 29 + 51 + 190 + 230$
$520 := 1^4 + 2^2 + 15^2 + 16^0 + 17^2$	$= 14 + 22 + 152 + 160 + 172$	$520 := 2^0 + 2^9 + 5^1 + 20^0 + 22^0$	$= 20 + 29 + 51 + 200 + 220$
$520 := 1^4 + 3^2 + 5^2 + 20^0 + 22^2$	$= 14 + 32 + 52 + 200 + 222$	$520 := 2^0 + 2^9 + 5^1 + 21^0 + 21^0$	$= 20 + 29 + 51 + 210 + 210$
$520 := 1^4 + 3^3 + 7^1 + 18^0 + 22^2$	$= 14 + 33 + 71 + 180 + 222$	$520 := 2^0 + 3^4 + 5^3 + 17^2 + 24^1$	$= 20 + 34 + 53 + 172 + 241$
$520 := 1^4 + 4^3 + 12^0 + 13^1 + 21^2$	$= 14 + 43 + 120 + 131 + 212$	$520 := 2^0 + 3^4 + 6^3 + 14^2 + 26^1$	$= 20 + 34 + 63 + 142 + 261$
$520 := 1^4 + 5^2 + 13^2 + 14^0 + 18^2$	$= 14 + 52 + 132 + 140 + 182$	$520 := 2^0 + 3^5 + 4^4 + 19^1 + 23^0$	$= 20 + 35 + 44 + 191 + 230$
$520 := 1^4 + 6^1 + 7^3 + 13^2 + 24^0$	$= 14 + 61 + 73 + 132 + 240$	$520 := 2^0 + 3^5 + 5^2 + 15^2 + 26^1$	$= 20 + 35 + 52 + 152 + 261$
$520 := 1^4 + 6^2 + 11^2 + 14^0 + 19^2$	$= 14 + 62 + 112 + 140 + 192$	$520 := 2^1 + 2^5 + 14^2 + 16^0 + 17^2$	$= 21 + 25 + 142 + 160 + 172$
$520 := 1^4 + 6^3 + 13^1 + 14^0 + 17^2$	$= 14 + 63 + 131 + 140 + 172$	$520 := 2^1 + 2^6 + 12^1 + 14^0 + 21^2$	$= 21 + 26 + 121 + 140 + 212$
$520 := 1^5 + 2^0 + 10^2 + 18^1 + 20^2$	$= 15 + 20 + 102 + 181 + 202$	$520 := 2^1 + 3^5 + 7^2 + 15^2 + 24^0$	$= 21 + 35 + 72 + 152 + 240$
$520 := 1^5 + 4^1 + 14^0 + 15^2 + 17^2$	$= 15 + 41 + 140 + 152 + 172$	$520 := 2^2 + 3^5 + 14^0 + 16^1 + 16^2$	$= 22 + 35 + 140 + 161 + 162$
$520 := 1^5 + 4^2 + 6^0 + 18^1 + 22^2$	$= 15 + 42 + 60 + 181 + 222$	$520 := 2^3 + 2^4 + 11^1 + 14^0 + 22^2$	$= 23 + 24 + 111 + 140 + 222$
$520 := 1^5 + 5^2 + 9^1 + 14^0 + 22^2$	$= 15 + 52 + 91 + 140 + 222$	$520 := 2^3 + 5^2 + 5^3 + 19^2 + 20^0$	$= 23 + 52 + 53 + 192 + 200$

$$\begin{aligned} 520 &:= 2^4 + 5^3 + 8^0 + 17^1 + 19^2 = 24 + 53 + 80 + 171 + 192 & 520 &:= 2^9 + 5^0 + 5^1 + 13^0 + 26^0 = 29 + 50 + 51 + 130 + 260 \\ 520 &:= 2^4 + 7^3 + 12^2 + 14^0 + 16^1 = 24 + 73 + 122 + 140 + 161 & 520 &:= 2^9 + 5^0 + 5^1 + 14^0 + 25^0 = 29 + 50 + 51 + 140 + 250 \\ 520 &:= 2^5 + 3^0 + 5^3 + 19^2 + 22^0 = 25 + 30 + 53 + 192 + 220 & 520 &:= 2^9 + 5^0 + 5^1 + 15^0 + 24^0 = 29 + 50 + 51 + 150 + 240 \\ 520 &:= 2^5 + 4^0 + 5^3 + 19^2 + 21^0 = 25 + 40 + 53 + 192 + 210 & 520 &:= 2^9 + 5^0 + 5^1 + 16^0 + 23^0 = 29 + 50 + 51 + 160 + 230 \\ 520 &:= 2^5 + 5^0 + 5^3 + 19^2 + 20^0 = 25 + 50 + 53 + 192 + 200 & 520 &:= 2^9 + 5^0 + 5^1 + 17^0 + 22^0 = 29 + 50 + 51 + 170 + 220 \\ 520 &:= 2^5 + 5^1 + 11^2 + 14^0 + 19^2 = 25 + 51 + 112 + 140 + 192 & 520 &:= 2^9 + 5^0 + 5^1 + 18^0 + 21^0 = 29 + 50 + 51 + 180 + 210 \\ 520 &:= 2^5 + 5^3 + 10^0 + 15^0 + 19^2 = 25 + 53 + 100 + 150 + 192 & 520 &:= 2^9 + 5^0 + 5^1 + 19^0 + 20^0 = 29 + 50 + 51 + 190 + 200 \\ 520 &:= 2^5 + 5^3 + 11^0 + 14^0 + 19^2 = 25 + 53 + 110 + 140 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 10^0 + 24^0 = 29 + 51 + 100 + 100 + 240 \\ 520 &:= 2^5 + 5^3 + 12^0 + 13^0 + 19^2 = 25 + 53 + 120 + 130 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 11^0 + 23^0 = 29 + 51 + 100 + 110 + 230 \\ 520 &:= 2^5 + 5^3 + 6^0 + 19^0 + 19^2 = 25 + 53 + 60 + 190 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 12^0 + 22^0 = 29 + 51 + 100 + 120 + 220 \\ 520 &:= 2^5 + 5^3 + 7^0 + 18^0 + 19^2 = 25 + 53 + 70 + 180 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 13^0 + 21^0 = 29 + 51 + 100 + 130 + 210 \\ 520 &:= 2^5 + 5^3 + 8^0 + 17^0 + 19^2 = 25 + 53 + 80 + 170 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 14^0 + 20^0 = 29 + 51 + 100 + 140 + 200 \\ 520 &:= 2^5 + 5^3 + 9^0 + 16^0 + 19^2 = 25 + 53 + 90 + 160 + 192 & 520 &:= 2^9 + 5^1 + 10^0 + 15^0 + 19^0 = 29 + 51 + 100 + 150 + 190 \\ 520 &:= 2^5 + 6^1 + 12^0 + 15^2 + 16^2 = 25 + 61 + 120 + 152 + 162 & 520 &:= 2^9 + 5^1 + 10^0 + 16^0 + 18^0 = 29 + 51 + 100 + 160 + 180 \\ 520 &:= 2^5 + 6^1 + 9^2 + 14^0 + 20^2 = 25 + 61 + 92 + 140 + 202 & 520 &:= 2^9 + 5^1 + 10^0 + 17^0 + 17^0 = 29 + 51 + 100 + 170 + 170 \\ 520 &:= 2^5 + 6^2 + 10^1 + 12^0 + 21^2 = 25 + 62 + 101 + 120 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 11^0 + 22^0 = 29 + 51 + 110 + 110 + 220 \\ 520 &:= 2^6 + 3^1 + 11^1 + 14^0 + 21^2 = 26 + 31 + 111 + 140 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 12^0 + 21^0 = 29 + 51 + 110 + 120 + 210 \\ 520 &:= 2^6 + 4^1 + 10^1 + 14^0 + 21^2 = 26 + 41 + 101 + 140 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 13^0 + 20^0 = 29 + 51 + 110 + 130 + 200 \\ 520 &:= 2^6 + 5^1 + 9^1 + 14^0 + 21^2 = 26 + 51 + 91 + 140 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 14^0 + 19^0 = 29 + 51 + 110 + 140 + 190 \\ 520 &:= 2^6 + 6^1 + 8^1 + 14^0 + 21^2 = 26 + 61 + 81 + 140 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 15^0 + 18^0 = 29 + 51 + 110 + 150 + 180 \\ 520 &:= 2^6 + 7^1 + 7^1 + 14^0 + 21^2 = 26 + 71 + 71 + 140 + 212 & 520 &:= 2^9 + 5^1 + 11^0 + 16^0 + 17^0 = 29 + 51 + 110 + 160 + 170 \\ 520 &:= 2^7 + 2^7 + 3^5 + 20^1 + 23^0 = 27 + 27 + 35 + 201 + 230 & 520 &:= 2^9 + 5^1 + 12^0 + 12^0 + 20^0 = 29 + 51 + 120 + 120 + 200 \\ 520 &:= 2^9 + 3^0 + 5^1 + 14^0 + 27^0 = 29 + 30 + 51 + 140 + 270 & 520 &:= 2^9 + 5^1 + 12^0 + 13^0 + 19^0 = 29 + 51 + 120 + 130 + 190 \\ 520 &:= 2^9 + 3^0 + 5^1 + 15^0 + 26^0 = 29 + 30 + 51 + 150 + 260 & 520 &:= 2^9 + 5^1 + 12^0 + 14^0 + 18^0 = 29 + 51 + 120 + 140 + 180 \\ 520 &:= 2^9 + 3^0 + 5^1 + 16^0 + 25^0 = 29 + 30 + 51 + 160 + 250 & 520 &:= 2^9 + 5^1 + 12^0 + 15^0 + 17^0 = 29 + 51 + 120 + 150 + 170 \\ 520 &:= 2^9 + 3^0 + 5^1 + 17^0 + 24^0 = 29 + 30 + 51 + 170 + 240 & 520 &:= 2^9 + 5^1 + 12^0 + 16^0 + 16^0 = 29 + 51 + 120 + 160 + 160 \\ 520 &:= 2^9 + 3^0 + 5^1 + 18^0 + 23^0 = 29 + 30 + 51 + 180 + 230 & 520 &:= 2^9 + 5^1 + 13^0 + 13^0 + 18^0 = 29 + 51 + 130 + 130 + 180 \\ 520 &:= 2^9 + 3^0 + 5^1 + 19^0 + 22^0 = 29 + 30 + 51 + 190 + 220 & 520 &:= 2^9 + 5^1 + 13^0 + 14^0 + 17^0 = 29 + 51 + 130 + 140 + 170 \\ 520 &:= 2^9 + 3^0 + 5^1 + 20^0 + 21^0 = 29 + 30 + 51 + 200 + 210 & 520 &:= 2^9 + 5^1 + 13^0 + 15^0 + 16^0 = 29 + 51 + 130 + 150 + 160 \\ 520 &:= 2^9 + 4^0 + 5^1 + 13^0 + 27^0 = 29 + 40 + 51 + 130 + 270 & 520 &:= 2^9 + 5^1 + 14^0 + 14^0 + 16^0 = 29 + 51 + 140 + 140 + 160 \\ 520 &:= 2^9 + 4^0 + 5^1 + 14^0 + 26^0 = 29 + 40 + 51 + 140 + 260 & 520 &:= 2^9 + 5^1 + 14^0 + 15^0 + 15^0 = 29 + 51 + 140 + 150 + 150 \\ 520 &:= 2^9 + 4^0 + 5^1 + 15^0 + 25^0 = 29 + 40 + 51 + 150 + 250 & 520 &:= 2^9 + 5^1 + 6^0 + 11^0 + 27^0 = 29 + 51 + 60 + 110 + 270 \\ 520 &:= 2^9 + 4^0 + 5^1 + 16^0 + 24^0 = 29 + 40 + 51 + 160 + 240 & 520 &:= 2^9 + 5^1 + 6^0 + 12^0 + 26^0 = 29 + 51 + 60 + 120 + 260 \\ 520 &:= 2^9 + 4^0 + 5^1 + 17^0 + 23^0 = 29 + 40 + 51 + 170 + 230 & 520 &:= 2^9 + 5^1 + 6^0 + 13^0 + 25^0 = 29 + 51 + 60 + 130 + 250 \\ 520 &:= 2^9 + 4^0 + 5^1 + 18^0 + 22^0 = 29 + 40 + 51 + 180 + 220 & 520 &:= 2^9 + 5^1 + 6^0 + 14^0 + 24^0 = 29 + 51 + 60 + 140 + 240 \\ 520 &:= 2^9 + 4^0 + 5^1 + 19^0 + 21^0 = 29 + 40 + 51 + 190 + 210 & 520 &:= 2^9 + 5^1 + 6^0 + 15^0 + 23^0 = 29 + 51 + 60 + 150 + 230 \\ 520 &:= 2^9 + 4^0 + 5^1 + 20^0 + 20^0 = 29 + 40 + 51 + 200 + 200 & 520 &:= 2^9 + 5^1 + 6^0 + 16^0 + 22^0 = 29 + 51 + 60 + 160 + 220 \\ 520 &:= 2^9 + 5^0 + 5^1 + 12^0 + 27^0 = 29 + 50 + 51 + 120 + 270 & 520 &:= 2^9 + 5^1 + 6^0 + 17^0 + 21^0 = 29 + 51 + 60 + 170 + 210 \end{aligned}$$

$520 := 2^9 + 5^1 + 6^0 + 18^0 + 20^0 = 29 + 51 + 60 + 180 + 200$	$520 := 3^2 + 3^5 + 11^1 + 16^2 + 18^0 = 32 + 35 + 111 + 162 + 180$
$520 := 2^9 + 5^1 + 6^0 + 19^0 + 19^0 = 29 + 51 + 60 + 190 + 190$	$520 := 3^2 + 5^3 + 6^3 + 13^2 + 24^0 = 32 + 53 + 63 + 132 + 240$
$520 := 2^9 + 5^1 + 7^0 + 10^0 + 27^0 = 29 + 51 + 70 + 100 + 270$	$520 := 3^3 + 3^4 + 11^1 + 14^0 + 20^2 = 33 + 34 + 111 + 140 + 202$
$520 := 2^9 + 5^1 + 7^0 + 11^0 + 26^0 = 29 + 51 + 70 + 110 + 260$	$520 := 3^3 + 4^4 + 11^1 + 15^2 + 18^0 = 33 + 44 + 111 + 152 + 180$
$520 := 2^9 + 5^1 + 7^0 + 12^0 + 25^0 = 29 + 51 + 70 + 120 + 250$	$520 := 3^3 + 5^3 + 7^3 + 12^0 + 24^1 = 33 + 53 + 73 + 120 + 241$
$520 := 2^9 + 5^1 + 7^0 + 13^0 + 24^0 = 29 + 51 + 70 + 130 + 240$	$520 := 3^3 + 7^2 + 7^3 + 10^2 + 24^0 = 33 + 72 + 73 + 102 + 240$
$520 := 2^9 + 5^1 + 7^0 + 14^0 + 23^0 = 29 + 51 + 70 + 140 + 230$	$520 := 3^4 + 10^2 + 12^0 + 13^2 + 13^2 = 34 + 102 + 120 + 132 + 132$
$520 := 2^9 + 5^1 + 7^0 + 15^0 + 22^0 = 29 + 51 + 70 + 150 + 220$	$520 := 3^4 + 11^2 + 11^2 + 12^0 + 14^2 = 34 + 112 + 112 + 120 + 142$
$520 := 2^9 + 5^1 + 7^0 + 16^0 + 21^0 = 29 + 51 + 70 + 160 + 210$	$520 := 3^4 + 4^3 + 12^0 + 13^1 + 19^2 = 34 + 43 + 120 + 131 + 192$
$520 := 2^9 + 5^1 + 7^0 + 17^0 + 20^0 = 29 + 51 + 70 + 170 + 200$	$520 := 3^4 + 7^2 + 10^2 + 14^0 + 17^2 = 34 + 72 + 102 + 140 + 172$
$520 := 2^9 + 5^1 + 7^0 + 18^0 + 19^0 = 29 + 51 + 70 + 180 + 190$	$520 := 3^4 + 7^3 + 9^2 + 14^1 + 18^0 = 34 + 73 + 92 + 141 + 180$
$520 := 2^9 + 5^1 + 8^0 + 10^0 + 26^0 = 29 + 51 + 80 + 100 + 260$	$520 := 3^5 + 11^1 + 11^2 + 12^2 + 14^0 = 35 + 111 + 112 + 122 + 140$
$520 := 2^9 + 5^1 + 8^0 + 11^0 + 25^0 = 29 + 51 + 80 + 110 + 250$	$520 := 3^5 + 4^0 + 4^4 + 19^1 + 21^0 = 35 + 40 + 44 + 191 + 210$
$520 := 2^9 + 5^1 + 8^0 + 12^0 + 24^0 = 29 + 51 + 80 + 120 + 240$	$520 := 3^5 + 4^1 + 4^2 + 16^2 + 24^0 = 35 + 41 + 42 + 162 + 240$
$520 := 2^9 + 5^1 + 8^0 + 13^0 + 23^0 = 29 + 51 + 80 + 130 + 230$	$520 := 3^5 + 4^4 + 10^0 + 15^0 + 19^1 = 35 + 44 + 100 + 150 + 191$
$520 := 2^9 + 5^1 + 8^0 + 14^0 + 22^0 = 29 + 51 + 80 + 140 + 220$	$520 := 3^5 + 4^4 + 11^0 + 14^0 + 19^1 = 35 + 44 + 110 + 140 + 191$
$520 := 2^9 + 5^1 + 8^0 + 15^0 + 21^0 = 29 + 51 + 80 + 150 + 210$	$520 := 3^5 + 4^4 + 12^0 + 13^0 + 19^1 = 35 + 44 + 120 + 130 + 191$
$520 := 2^9 + 5^1 + 8^0 + 16^0 + 20^0 = 29 + 51 + 80 + 160 + 200$	$520 := 3^5 + 4^4 + 5^0 + 19^1 + 20^0 = 35 + 44 + 50 + 191 + 200$
$520 := 2^9 + 5^1 + 8^0 + 17^0 + 19^0 = 29 + 51 + 80 + 170 + 190$	$520 := 3^5 + 4^4 + 6^0 + 19^0 + 19^1 = 35 + 44 + 60 + 190 + 191$
$520 := 2^9 + 5^1 + 8^0 + 18^0 + 18^0 = 29 + 51 + 80 + 180 + 180$	$520 := 3^5 + 4^4 + 7^0 + 18^0 + 19^1 = 35 + 44 + 70 + 180 + 191$
$520 := 2^9 + 5^1 + 8^0 + 9^0 + 27^0 = 29 + 51 + 80 + 90 + 270$	$520 := 3^5 + 4^4 + 8^0 + 17^0 + 19^1 = 35 + 44 + 80 + 170 + 191$
$520 := 2^9 + 5^1 + 9^0 + 10^0 + 25^0 = 29 + 51 + 90 + 100 + 250$	$520 := 3^5 + 4^4 + 9^0 + 16^0 + 19^1 = 35 + 44 + 90 + 160 + 191$
$520 := 2^9 + 5^1 + 9^0 + 11^0 + 24^0 = 29 + 51 + 90 + 110 + 240$	$520 := 3^5 + 6^2 + 12^0 + 15^1 + 15^2 = 35 + 62 + 120 + 151 + 152$
$520 := 2^9 + 5^1 + 9^0 + 12^0 + 23^0 = 29 + 51 + 90 + 120 + 230$	$520 := 3^5 + 7^1 + 10^2 + 13^2 + 18^0 = 35 + 71 + 102 + 132 + 180$
$520 := 2^9 + 5^1 + 9^0 + 13^0 + 22^0 = 29 + 51 + 90 + 130 + 220$	$520 := 3^5 + 8^2 + 10^0 + 14^2 + 16^1 = 35 + 82 + 100 + 142 + 161$
$520 := 2^9 + 5^1 + 9^0 + 14^0 + 21^0 = 29 + 51 + 90 + 140 + 210$	$520 := 4^3 + 6^3 + 6^3 + 12^0 + 23^1 = 43 + 63 + 63 + 120 + 231$
$520 := 2^9 + 5^1 + 9^0 + 15^0 + 20^0 = 29 + 51 + 90 + 150 + 200$	$520 := 4^4 + 5^2 + 6^3 + 14^0 + 22^1 = 44 + 52 + 63 + 140 + 221$
$520 := 2^9 + 5^1 + 9^0 + 16^0 + 19^0 = 29 + 51 + 90 + 160 + 190$	$520 := 4^4 + 5^3 + 11^2 + 14^0 + 17^1 = 44 + 53 + 112 + 140 + 171$
$520 := 2^9 + 5^1 + 9^0 + 17^0 + 18^0 = 29 + 51 + 90 + 170 + 180$	$520 := 4^4 + 6^2 + 6^3 + 11^1 + 24^0 = 44 + 62 + 63 + 111 + 240$
$520 := 2^9 + 5^1 + 9^0 + 9^0 + 26^0 = 29 + 51 + 90 + 90 + 260$	$520 := 5^3 + 5^3 + 10^2 + 13^2 + 18^0 = 53 + 53 + 102 + 132 + 180$
$520 := 3^0 + 3^5 + 4^4 + 19^1 + 22^0 = 30 + 35 + 44 + 191 + 220$	
$520 := 3^1 + 4^3 + 4^4 + 14^2 + 26^0 = 31 + 43 + 44 + 142 + 260$	

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$521 := 1^1 + 2^9 + 7^1 + 41^0 = 11 + 29 + 71 + 410$	$521 := 2^3 + 4^4 + 4^4 + 41^0 = 23 + 44 + 44 + 410$
$521 := 1^6 + 10^2 + 20^1 + 20^2 = 16 + 102 + 201 + 202$	$521 := 2^4 + 5^3 + 7^3 + 37^1 = 24 + 53 + 73 + 371$
$521 := 1^7 + 7^1 + 8^3 + 35^0 = 17 + 71 + 83 + 350$	$521 := 2^5 + 4^3 + 20^2 + 25^1 = 25 + 43 + 202 + 251$
$521 := 2^1 + 2^9 + 6^1 + 41^0 = 21 + 29 + 61 + 410$	$521 := 2^7 + 14^2 + 14^2 + 21^0 = 27 + 142 + 142 + 210$

$$\begin{aligned}
 521 &:= 2^8 + 8^1 + 16^2 + 25^0 &= 28 + 81 + 162 + 250 & 521 &:= 1^4 + 4^4 + 7^1 + 16^2 + 23^0 &= 14 + 44 + 71 + 162 + 230 \\
 521 &:= 2^9 + 3^1 + 5^1 + 41^0 &= 29 + 31 + 51 + 410 & 521 &:= 1^4 + 5^2 + 14^1 + 15^2 + 16^2 &= 14 + 52 + 141 + 152 + 162 \\
 521 &:= 2^9 + 4^1 + 4^1 + 41^0 &= 29 + 41 + 41 + 410 & 521 &:= 1^4 + 5^2 + 6^2 + 18^1 + 21^2 &= 14 + 52 + 62 + 181 + 212 \\
 521 &:= 3^4 + 3^5 + 14^2 + 31^0 &= 34 + 35 + 142 + 310 & 521 &:= 1^4 + 5^3 + 13^2 + 15^2 + 17^0 &= 14 + 53 + 132 + 152 + 170 \\
 521 &:= 3^5 + 3^5 + 11^0 + 34^1 &= 35 + 35 + 110 + 341 & 521 &:= 1^4 + 7^2 + 13^1 + 13^2 + 17^2 &= 14 + 72 + 131 + 132 + 172 \\
 521 &:= 3^5 + 5^2 + 6^3 + 37^1 &= 35 + 52 + 63 + 371 & 521 &:= 1^4 + 8^2 + 9^2 + 14^1 + 19^2 &= 14 + 82 + 92 + 141 + 192 \\
 521 &:= 3^5 + 5^3 + 11^2 + 32^1 &= 35 + 53 + 112 + 321 & 521 &:= 1^5 + 10^1 + 10^1 + 10^2 + 20^2 &= 15 + 101 + 101 + 102 + 202 \\
 521 &:= 1^0 + 1^6 + 10^2 + 19^1 + 20^2 &= 10 + 16 + 102 + 191 + 202 & 521 &:= 1^5 + 2^1 + 10^2 + 18^1 + 20^2 &= 15 + 21 + 102 + 181 + 202 \\
 521 &:= 1^0 + 2^5 + 4^3 + 20^2 + 24^1 &= 10 + 25 + 43 + 202 + 241 & 521 &:= 1^5 + 3^1 + 10^2 + 17^1 + 20^2 &= 15 + 31 + 102 + 171 + 202 \\
 521 &:= 1^0 + 2^8 + 7^1 + 16^2 + 25^0 &= 10 + 28 + 71 + 162 + 250 & 521 &:= 1^5 + 3^3 + 8^1 + 17^0 + 22^2 &= 15 + 33 + 81 + 170 + 222 \\
 521 &:= 1^1 + 1^5 + 10^2 + 19^1 + 20^2 &= 11 + 15 + 102 + 191 + 202 & 521 &:= 1^5 + 4^1 + 10^2 + 16^1 + 20^2 &= 15 + 41 + 102 + 161 + 202 \\
 521 &:= 1^1 + 2^5 + 5^2 + 21^2 + 22^1 &= 11 + 25 + 52 + 212 + 221 & 521 &:= 1^5 + 4^3 + 11^0 + 14^1 + 21^2 &= 15 + 43 + 110 + 141 + 212 \\
 521 &:= 1^1 + 2^9 + 6^1 + 15^0 + 27^0 &= 11 + 29 + 61 + 150 + 270 & 521 &:= 1^5 + 5^1 + 10^2 + 15^1 + 20^2 &= 15 + 51 + 102 + 151 + 202 \\
 521 &:= 1^1 + 2^9 + 6^1 + 16^0 + 26^0 &= 11 + 29 + 61 + 160 + 260 & 521 &:= 1^5 + 6^1 + 10^2 + 14^1 + 20^2 &= 15 + 61 + 102 + 141 + 202 \\
 521 &:= 1^1 + 2^9 + 6^1 + 17^0 + 25^0 &= 11 + 29 + 61 + 170 + 250 & 521 &:= 1^5 + 6^3 + 13^0 + 14^1 + 17^2 &= 15 + 63 + 130 + 141 + 172 \\
 521 &:= 1^1 + 2^9 + 6^1 + 18^0 + 24^0 &= 11 + 29 + 61 + 180 + 240 & 521 &:= 1^5 + 7^1 + 10^2 + 13^1 + 20^2 &= 15 + 71 + 102 + 131 + 202 \\
 521 &:= 1^1 + 2^9 + 6^1 + 19^0 + 23^0 &= 11 + 29 + 61 + 190 + 230 & 521 &:= 1^5 + 7^1 + 7^3 + 13^2 + 23^0 &= 15 + 71 + 73 + 132 + 230 \\
 521 &:= 1^1 + 2^9 + 6^1 + 20^0 + 22^0 &= 11 + 29 + 61 + 200 + 220 & 521 &:= 1^5 + 8^1 + 10^2 + 12^1 + 20^2 &= 15 + 81 + 102 + 121 + 202 \\
 521 &:= 1^1 + 2^9 + 6^1 + 21^0 + 21^0 &= 11 + 29 + 61 + 210 + 210 & 521 &:= 1^5 + 9^1 + 10^2 + 11^1 + 20^2 &= 15 + 91 + 102 + 111 + 202 \\
 521 &:= 1^1 + 3^4 + 5^3 + 17^2 + 25^1 &= 11 + 34 + 53 + 172 + 251 & 521 &:= 1^6 + 4^2 + 5^0 + 19^1 + 22^2 &= 16 + 42 + 50 + 191 + 222 \\
 521 &:= 1^1 + 3^4 + 6^3 + 14^2 + 27^1 &= 11 + 34 + 63 + 142 + 271 & 521 &:= 1^6 + 5^0 + 12^2 + 14^1 + 19^2 &= 16 + 50 + 122 + 141 + 192 \\
 521 &:= 1^1 + 3^5 + 4^4 + 20^1 + 23^0 &= 11 + 35 + 44 + 201 + 230 & 521 &:= 1^6 + 5^1 + 13^0 + 15^2 + 17^2 &= 16 + 51 + 130 + 152 + 172 \\
 521 &:= 1^1 + 3^5 + 5^2 + 15^2 + 27^1 &= 11 + 35 + 52 + 152 + 271 & 521 &:= 1^6 + 5^2 + 10^1 + 13^0 + 22^2 &= 16 + 52 + 101 + 130 + 222 \\
 521 &:= 1^2 + 1^4 + 10^2 + 19^1 + 20^2 &= 12 + 14 + 102 + 191 + 202 & 521 &:= 1^6 + 7^0 + 8^2 + 14^1 + 21^2 &= 16 + 70 + 82 + 141 + 212 \\
 521 &:= 1^2 + 2^6 + 13^0 + 14^1 + 21^2 &= 12 + 26 + 130 + 141 + 212 & 521 &:= 1^6 + 7^1 + 11^0 + 16^2 + 16^2 &= 16 + 71 + 110 + 162 + 162 \\
 521 &:= 1^2 + 3^4 + 14^2 + 15^2 + 18^1 &= 12 + 34 + 142 + 152 + 181 & 521 &:= 1^7 + 2^8 + 3^5 + 20^1 + 24^0 &= 17 + 28 + 35 + 201 + 240 \\
 521 &:= 1^2 + 3^4 + 4^2 + 20^2 + 23^1 &= 12 + 34 + 42 + 202 + 231 & 521 &:= 1^7 + 6^1 + 8^3 + 10^0 + 26^0 &= 17 + 61 + 83 + 100 + 260 \\
 521 &:= 1^3 + 1^3 + 10^2 + 19^1 + 20^2 &= 13 + 13 + 102 + 191 + 202 & 521 &:= 1^7 + 6^1 + 8^3 + 11^0 + 25^0 &= 17 + 61 + 83 + 110 + 250 \\
 521 &:= 1^3 + 2^2 + 2^3 + 22^2 + 24^1 &= 13 + 22 + 23 + 222 + 241 & 521 &:= 1^7 + 6^1 + 8^3 + 12^0 + 24^0 &= 17 + 61 + 83 + 120 + 240 \\
 521 &:= 1^3 + 2^3 + 3^3 + 22^2 + 23^0 &= 13 + 23 + 33 + 222 + 230 & 521 &:= 1^7 + 6^1 + 8^3 + 13^0 + 23^0 &= 17 + 61 + 83 + 130 + 230 \\
 521 &:= 1^3 + 2^5 + 3^1 + 22^2 + 23^0 &= 13 + 25 + 31 + 222 + 230 & 521 &:= 1^7 + 6^1 + 8^3 + 14^0 + 22^0 &= 17 + 61 + 83 + 140 + 220 \\
 521 &:= 1^3 + 3^5 + 11^0 + 16^2 + 20^1 &= 13 + 35 + 110 + 162 + 201 & 521 &:= 1^7 + 6^1 + 8^3 + 15^0 + 21^0 &= 17 + 61 + 83 + 150 + 210 \\
 521 &:= 1^3 + 4^3 + 6^2 + 20^1 + 20^2 &= 13 + 43 + 62 + 201 + 202 & 521 &:= 1^7 + 6^1 + 8^3 + 16^0 + 20^0 &= 17 + 61 + 83 + 160 + 200 \\
 521 &:= 1^3 + 5^2 + 6^3 + 16^2 + 23^1 &= 13 + 52 + 63 + 162 + 231 & 521 &:= 1^7 + 6^1 + 8^3 + 17^0 + 19^0 &= 17 + 61 + 83 + 170 + 190 \\
 521 &:= 1^3 + 5^3 + 11^2 + 16^2 + 18^1 &= 13 + 53 + 112 + 162 + 181 & 521 &:= 1^7 + 6^1 + 8^3 + 18^0 + 18^0 &= 17 + 61 + 83 + 180 + 180 \\
 521 &:= 1^4 + 11^1 + 12^2 + 13^2 + 14^2 &= 14 + 111 + 122 + 132 + 142 & 521 &:= 1^7 + 6^1 + 8^3 + 9^0 + 27^0 &= 17 + 61 + 83 + 90 + 270 \\
 521 &:= 1^4 + 2^2 + 3^2 + 22^2 + 23^1 &= 14 + 22 + 32 + 222 + 231 & 521 &:= 2^0 + 2^8 + 7^1 + 16^2 + 24^0 &= 20 + 28 + 71 + 162 + 240 \\
 521 &:= 1^4 + 2^4 + 7^0 + 19^1 + 22^2 &= 14 + 24 + 70 + 191 + 222 & 521 &:= 2^1 + 2^5 + 5^2 + 21^1 + 21^2 &= 21 + 25 + 52 + 211 + 212
 \end{aligned}$$

$$\begin{aligned}
 521 &:= 2^1 + 2^5 + 5^3 + 19^2 + 23^0 = 21 + 25 + 53 + 192 + 230 & 521 &:= 2^5 + 5^2 + 10^1 + 13^1 + 21^2 = 25 + 52 + 101 + 131 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 15^0 + 27^0 = 21 + 29 + 51 + 150 + 270 & 521 &:= 2^5 + 5^2 + 11^1 + 12^1 + 21^2 = 25 + 52 + 111 + 121 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 16^0 + 26^0 = 21 + 29 + 51 + 160 + 260 & 521 &:= 2^5 + 5^2 + 6^1 + 17^1 + 21^2 = 25 + 52 + 61 + 171 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 17^0 + 25^0 = 21 + 29 + 51 + 170 + 250 & 521 &:= 2^5 + 5^2 + 7^1 + 16^1 + 21^2 = 25 + 52 + 71 + 161 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 18^0 + 24^0 = 21 + 29 + 51 + 180 + 240 & 521 &:= 2^5 + 5^2 + 8^1 + 15^1 + 21^2 = 25 + 52 + 81 + 151 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 19^0 + 23^0 = 21 + 29 + 51 + 190 + 230 & 521 &:= 2^5 + 5^2 + 9^1 + 14^1 + 21^2 = 25 + 52 + 91 + 141 + 212 \\
 521 &:= 2^1 + 2^9 + 5^1 + 20^0 + 22^0 = 21 + 29 + 51 + 200 + 220 & 521 &:= 2^5 + 6^2 + 13^0 + 14^2 + 16^2 = 25 + 62 + 130 + 142 + 162 \\
 521 &:= 2^1 + 2^9 + 5^1 + 21^0 + 21^0 = 21 + 29 + 51 + 210 + 210 & 521 &:= 2^5 + 6^3 + 11^0 + 16^1 + 16^2 = 25 + 63 + 110 + 161 + 162 \\
 521 &:= 2^1 + 3^4 + 5^3 + 17^2 + 24^1 = 21 + 34 + 53 + 172 + 241 & 521 &:= 2^5 + 7^0 + 7^3 + 11^2 + 24^1 = 25 + 70 + 73 + 112 + 241 \\
 521 &:= 2^1 + 3^4 + 6^3 + 14^2 + 26^1 = 21 + 34 + 63 + 142 + 261 & 521 &:= 2^5 + 8^2 + 10^2 + 13^0 + 18^2 = 25 + 82 + 102 + 130 + 182 \\
 521 &:= 2^1 + 3^5 + 4^4 + 19^1 + 23^0 = 21 + 35 + 44 + 191 + 230 & 521 &:= 2^6 + 3^0 + 6^2 + 20^1 + 20^2 = 26 + 30 + 62 + 201 + 202 \\
 521 &:= 2^1 + 3^5 + 5^2 + 15^2 + 26^1 = 21 + 35 + 52 + 152 + 261 & 521 &:= 2^6 + 3^2 + 6^1 + 19^0 + 21^2 = 26 + 32 + 61 + 190 + 212 \\
 521 &:= 2^2 + 2^3 + 5^3 + 19^2 + 23^1 = 22 + 23 + 53 + 192 + 231 & 521 &:= 2^6 + 4^1 + 14^2 + 15^0 + 16^2 = 26 + 41 + 142 + 150 + 162 \\
 521 &:= 2^2 + 2^4 + 14^2 + 16^1 + 17^2 = 22 + 24 + 142 + 161 + 172 & 521 &:= 2^6 + 6^1 + 13^0 + 15^2 + 15^2 = 26 + 61 + 130 + 152 + 152 \\
 521 &:= 2^2 + 2^6 + 11^1 + 15^0 + 21^2 = 22 + 26 + 111 + 150 + 212 & 521 &:= 2^6 + 7^0 + 9^2 + 14^1 + 19^2 = 26 + 70 + 92 + 141 + 192 \\
 521 &:= 2^2 + 3^2 + 4^4 + 15^2 + 27^1 = 22 + 32 + 44 + 152 + 271 & 521 &:= 2^6 + 7^1 + 7^2 + 15^0 + 20^2 = 26 + 71 + 72 + 150 + 202 \\
 521 &:= 2^2 + 3^3 + 3^3 + 21^2 + 22^1 = 22 + 33 + 33 + 212 + 221 & 521 &:= 2^6 + 9^0 + 11^1 + 11^2 + 18^2 = 26 + 90 + 111 + 112 + 182 \\
 521 &:= 2^2 + 4^3 + 4^4 + 14^2 + 27^0 = 22 + 43 + 44 + 142 + 270 & 521 &:= 2^8 + 3^0 + 7^1 + 16^2 + 23^0 = 28 + 30 + 71 + 162 + 230 \\
 521 &:= 2^3 + 3^3 + 5^2 + 20^1 + 21^2 = 23 + 33 + 52 + 201 + 212 & 521 &:= 2^8 + 4^0 + 7^1 + 16^2 + 22^0 = 28 + 40 + 71 + 162 + 220 \\
 521 &:= 2^3 + 3^5 + 13^1 + 16^2 + 17^0 = 23 + 35 + 131 + 162 + 170 & 521 &:= 2^8 + 5^0 + 7^1 + 16^2 + 21^0 = 28 + 50 + 71 + 162 + 210 \\
 521 &:= 2^3 + 4^3 + 12^2 + 16^1 + 17^2 = 23 + 43 + 122 + 161 + 172 & 521 &:= 2^8 + 6^0 + 7^1 + 16^2 + 20^0 = 28 + 60 + 71 + 162 + 200 \\
 521 &:= 2^3 + 5^3 + 9^2 + 17^2 + 18^1 = 23 + 53 + 92 + 172 + 181 & 521 &:= 2^8 + 7^0 + 7^1 + 16^2 + 19^0 = 28 + 70 + 71 + 162 + 190 \\
 521 &:= 2^3 + 6^3 + 9^2 + 14^2 + 20^1 = 23 + 63 + 92 + 142 + 201 & 521 &:= 2^8 + 7^1 + 10^0 + 16^0 + 16^2 = 28 + 71 + 100 + 160 + 162 \\
 521 &:= 2^3 + 7^3 + 8^2 + 9^2 + 25^1 = 23 + 73 + 82 + 92 + 251 & 521 &:= 2^8 + 7^1 + 11^0 + 15^0 + 16^2 = 28 + 71 + 110 + 150 + 162 \\
 521 &:= 2^4 + 10^2 + 11^1 + 13^2 + 15^2 = 24 + 102 + 111 + 132 + 152 & 521 &:= 2^8 + 7^1 + 12^0 + 14^0 + 16^2 = 28 + 71 + 120 + 140 + 162 \\
 521 &:= 2^4 + 2^4 + 4^1 + 21^0 + 22^2 = 24 + 24 + 41 + 210 + 222 & 521 &:= 2^8 + 7^1 + 13^0 + 13^0 + 16^2 = 28 + 71 + 130 + 130 + 162 \\
 521 &:= 2^4 + 3^0 + 3^4 + 20^2 + 23^1 = 24 + 30 + 34 + 202 + 231 & 521 &:= 2^8 + 7^1 + 8^0 + 16^2 + 18^0 = 28 + 71 + 80 + 162 + 180 \\
 521 &:= 2^4 + 3^2 + 15^1 + 15^2 + 16^2 = 24 + 32 + 151 + 152 + 162 & 521 &:= 2^8 + 7^1 + 9^0 + 16^2 + 17^0 = 28 + 71 + 90 + 162 + 170 \\
 521 &:= 2^4 + 3^2 + 6^2 + 19^1 + 21^2 = 24 + 32 + 62 + 191 + 212 & 521 &:= 2^9 + 3^1 + 4^1 + 15^0 + 27^0 = 29 + 31 + 41 + 150 + 270 \\
 521 &:= 2^4 + 3^3 + 6^2 + 19^0 + 21^2 = 24 + 33 + 62 + 190 + 212 & 521 &:= 2^9 + 3^1 + 4^1 + 16^0 + 26^0 = 29 + 31 + 41 + 160 + 260 \\
 521 &:= 2^4 + 4^4 + 7^0 + 15^2 + 23^1 = 24 + 44 + 70 + 152 + 231 & 521 &:= 2^9 + 3^1 + 4^1 + 17^0 + 25^0 = 29 + 31 + 41 + 170 + 250 \\
 521 &:= 2^4 + 5^2 + 8^2 + 16^1 + 20^2 = 24 + 52 + 82 + 161 + 202 & 521 &:= 2^9 + 3^1 + 4^1 + 18^0 + 24^0 = 29 + 31 + 41 + 180 + 240 \\
 521 &:= 2^4 + 6^3 + 12^2 + 12^2 + 19^0 = 24 + 63 + 122 + 122 + 190 & 521 &:= 2^9 + 3^1 + 4^1 + 19^0 + 23^0 = 29 + 31 + 41 + 190 + 230 \\
 521 &:= 2^4 + 7^2 + 9^2 + 14^1 + 19^2 = 24 + 72 + 92 + 141 + 192 & 521 &:= 2^9 + 3^1 + 4^1 + 20^0 + 22^0 = 29 + 31 + 41 + 200 + 220 \\
 521 &:= 2^5 + 3^1 + 5^2 + 20^1 + 21^2 = 25 + 31 + 52 + 201 + 212 & 521 &:= 2^9 + 3^1 + 4^1 + 21^0 + 21^0 = 29 + 31 + 41 + 210 + 210 \\
 521 &:= 2^5 + 3^3 + 5^0 + 20^1 + 21^2 = 25 + 33 + 50 + 201 + 212 & 521 &:= 3^1 + 3^4 + 5^3 + 17^2 + 23^1 = 31 + 34 + 53 + 172 + 231 \\
 521 &:= 2^5 + 4^1 + 5^2 + 19^1 + 21^2 = 25 + 41 + 52 + 191 + 212 & 521 &:= 3^1 + 3^4 + 6^3 + 14^2 + 25^1 = 31 + 34 + 63 + 142 + 251 \\
 521 &:= 2^5 + 5^1 + 5^2 + 18^1 + 21^2 = 25 + 51 + 52 + 181 + 212 & 521 &:= 3^1 + 3^5 + 4^4 + 18^1 + 23^0 = 31 + 35 + 44 + 181 + 230
 \end{aligned}$$

$$\begin{aligned} 521 &:= 3^1 + 3^5 + 5^2 + 15^2 + 25^1 = 31 + 35 + 52 + 152 + 251 & 521 &:= 3^4 + 6^3 + 9^1 + 14^2 + 19^1 = 34 + 63 + 91 + 142 + 191 \\ 521 &:= 3^2 + 3^2 + 3^4 + 20^2 + 22^1 = 32 + 32 + 34 + 202 + 221 & 521 &:= 3^4 + 7^1 + 7^3 + 8^2 + 26^1 = 34 + 71 + 73 + 82 + 261 \\ 521 &:= 3^2 + 3^3 + 4^3 + 20^2 + 21^1 = 32 + 33 + 43 + 202 + 211 & 521 &:= 3^4 + 7^2 + 11^2 + 14^1 + 16^2 = 34 + 72 + 112 + 141 + 162 \\ 521 &:= 3^2 + 4^4 + 6^2 + 14^2 + 24^1 = 32 + 44 + 62 + 142 + 241 & 521 &:= 3^4 + 7^3 + 8^1 + 8^2 + 25^1 = 34 + 73 + 81 + 82 + 251 \\ 521 &:= 3^2 + 4^4 + 8^2 + 13^2 + 23^1 = 32 + 44 + 82 + 132 + 231 & 521 &:= 3^4 + 7^3 + 8^2 + 10^1 + 23^1 = 34 + 73 + 82 + 101 + 231 \\ 521 &:= 3^3 + 3^3 + 14^2 + 15^1 + 16^2 = 33 + 33 + 142 + 151 + 162 & 521 &:= 3^4 + 7^3 + 8^2 + 11^1 + 22^1 = 34 + 73 + 82 + 111 + 221 \\ 521 &:= 3^3 + 3^3 + 7^2 + 18^1 + 20^2 = 33 + 33 + 72 + 181 + 202 & 521 &:= 3^4 + 7^3 + 8^2 + 12^1 + 21^1 = 34 + 73 + 82 + 121 + 211 \\ 521 &:= 3^3 + 3^5 + 5^0 + 15^2 + 25^1 = 33 + 35 + 50 + 152 + 251 & 521 &:= 3^4 + 7^3 + 8^2 + 13^1 + 20^1 = 34 + 73 + 82 + 131 + 201 \\ 521 &:= 3^3 + 4^4 + 6^3 + 17^0 + 21^1 = 33 + 44 + 63 + 170 + 211 & 521 &:= 3^4 + 7^3 + 8^2 + 14^1 + 19^1 = 34 + 73 + 82 + 141 + 191 \\ 521 &:= 3^3 + 5^2 + 5^3 + 18^2 + 20^1 = 33 + 52 + 53 + 182 + 201 & 521 &:= 3^4 + 7^3 + 8^2 + 15^1 + 18^1 = 34 + 73 + 82 + 151 + 181 \\ 521 &:= 3^3 + 5^2 + 7^3 + 10^2 + 26^1 = 33 + 52 + 73 + 102 + 261 & 521 &:= 3^4 + 7^3 + 8^2 + 16^1 + 17^1 = 34 + 73 + 82 + 161 + 171 \\ 521 &:= 3^4 + 4^1 + 5^3 + 17^2 + 22^1 = 34 + 41 + 53 + 172 + 221 & 521 &:= 3^4 + 7^3 + 8^2 + 9^1 + 24^1 = 34 + 73 + 82 + 91 + 241 \\ 521 &:= 3^4 + 4^1 + 6^3 + 14^2 + 24^1 = 34 + 41 + 63 + 142 + 241 & 521 &:= 3^4 + 9^2 + 11^2 + 13^1 + 15^2 = 34 + 92 + 112 + 131 + 152 \\ 521 &:= 3^4 + 4^4 + 13^2 + 14^1 + 17^0 = 34 + 44 + 132 + 141 + 170 & 521 &:= 3^5 + 4^1 + 4^4 + 17^1 + 23^0 = 35 + 41 + 44 + 171 + 230 \\ 521 &:= 3^4 + 5^1 + 5^3 + 17^2 + 21^1 = 34 + 51 + 53 + 172 + 211 & 521 &:= 3^5 + 4^1 + 5^2 + 15^2 + 24^1 = 35 + 41 + 52 + 152 + 241 \\ 521 &:= 3^4 + 5^1 + 6^3 + 14^2 + 23^1 = 34 + 51 + 63 + 142 + 231 & 521 &:= 3^5 + 4^2 + 6^2 + 15^2 + 23^0 = 35 + 42 + 62 + 152 + 230 \\ 521 &:= 3^4 + 5^2 + 12^2 + 15^1 + 16^2 = 34 + 52 + 122 + 151 + 162 & 521 &:= 3^5 + 4^3 + 13^0 + 14^2 + 17^1 = 35 + 43 + 130 + 142 + 171 \\ 521 &:= 3^4 + 5^2 + 5^3 + 17^2 + 21^0 = 34 + 52 + 53 + 172 + 210 & 521 &:= 3^5 + 4^4 + 10^1 + 11^1 + 23^0 = 35 + 44 + 101 + 111 + 230 \\ 521 &:= 3^4 + 5^2 + 6^2 + 18^1 + 19^2 = 34 + 52 + 62 + 181 + 192 & 521 &:= 3^5 + 4^4 + 5^1 + 16^1 + 23^0 = 35 + 44 + 51 + 161 + 230 \\ 521 &:= 3^4 + 5^3 + 10^1 + 16^1 + 17^2 = 34 + 53 + 101 + 161 + 172 & 521 &:= 3^5 + 4^4 + 6^1 + 15^1 + 23^0 = 35 + 44 + 61 + 151 + 230 \\ 521 &:= 3^4 + 5^3 + 11^1 + 15^1 + 17^2 = 34 + 53 + 111 + 151 + 172 & 521 &:= 3^5 + 4^4 + 7^1 + 14^1 + 23^0 = 35 + 44 + 71 + 141 + 230 \\ 521 &:= 3^4 + 5^3 + 12^1 + 14^1 + 17^2 = 34 + 53 + 121 + 141 + 172 & 521 &:= 3^5 + 4^4 + 8^1 + 13^1 + 23^0 = 35 + 44 + 81 + 131 + 230 \\ 521 &:= 3^4 + 5^3 + 13^1 + 13^1 + 17^2 = 34 + 53 + 131 + 131 + 172 & 521 &:= 3^5 + 4^4 + 9^1 + 12^1 + 23^0 = 35 + 44 + 91 + 121 + 230 \\ 521 &:= 3^4 + 5^3 + 6^1 + 17^2 + 20^1 = 34 + 53 + 61 + 172 + 201 & 521 &:= 3^5 + 5^1 + 5^2 + 15^2 + 23^1 = 35 + 51 + 52 + 152 + 231 \\ 521 &:= 3^4 + 5^3 + 7^1 + 17^2 + 19^1 = 34 + 53 + 71 + 172 + 191 & 521 &:= 3^5 + 5^2 + 10^1 + 15^2 + 18^1 = 35 + 52 + 101 + 152 + 181 \\ 521 &:= 3^4 + 5^3 + 8^1 + 17^2 + 18^1 = 34 + 53 + 81 + 172 + 181 & 521 &:= 3^5 + 5^2 + 11^1 + 15^2 + 17^1 = 35 + 52 + 111 + 152 + 171 \\ 521 &:= 3^4 + 5^3 + 9^1 + 17^1 + 17^2 = 34 + 53 + 91 + 171 + 172 & 521 &:= 3^5 + 5^2 + 12^1 + 15^2 + 16^1 = 35 + 52 + 121 + 152 + 161 \\ 521 &:= 3^4 + 6^1 + 6^3 + 14^2 + 22^1 = 34 + 61 + 63 + 142 + 221 & 521 &:= 3^5 + 5^2 + 13^1 + 15^1 + 15^2 = 35 + 52 + 131 + 151 + 152 \\ 521 &:= 3^4 + 6^1 + 7^3 + 8^2 + 27^1 = 34 + 61 + 73 + 82 + 271 & 521 &:= 3^5 + 5^2 + 14^1 + 14^1 + 15^2 = 35 + 52 + 141 + 141 + 152 \\ 521 &:= 3^4 + 6^2 + 10^2 + 15^1 + 17^2 = 34 + 62 + 102 + 151 + 172 & 521 &:= 3^5 + 5^2 + 6^1 + 15^2 + 22^1 = 35 + 52 + 61 + 152 + 221 \\ 521 &:= 3^4 + 6^2 + 8^2 + 16^1 + 18^2 = 34 + 62 + 82 + 161 + 182 & 521 &:= 3^5 + 5^2 + 7^1 + 15^2 + 21^1 = 35 + 52 + 71 + 152 + 211 \\ 521 &:= 3^4 + 6^3 + 10^1 + 14^2 + 18^1 = 34 + 63 + 101 + 142 + 181 & 521 &:= 3^5 + 5^2 + 8^1 + 15^2 + 20^1 = 35 + 52 + 81 + 152 + 201 \\ 521 &:= 3^4 + 6^3 + 11^1 + 14^2 + 17^1 = 34 + 63 + 111 + 142 + 171 & 521 &:= 3^5 + 5^2 + 9^1 + 15^2 + 19^1 = 35 + 52 + 91 + 152 + 191 \\ 521 &:= 3^4 + 6^3 + 12^1 + 14^2 + 16^1 = 34 + 63 + 121 + 142 + 161 & 521 &:= 3^5 + 5^3 + 8^1 + 12^2 + 23^0 = 35 + 53 + 81 + 122 + 230 \\ 521 &:= 3^4 + 6^3 + 13^1 + 14^2 + 15^1 = 34 + 63 + 131 + 142 + 151 & 521 &:= 3^5 + 6^2 + 6^3 + 11^0 + 25^1 = 35 + 62 + 63 + 110 + 251 \\ 521 &:= 3^4 + 6^3 + 14^1 + 14^1 + 14^2 = 34 + 63 + 141 + 141 + 142 & 521 &:= 3^5 + 6^3 + 7^2 + 12^1 + 23^0 = 35 + 63 + 72 + 121 + 230 \\ 521 &:= 3^4 + 6^3 + 7^1 + 14^2 + 21^1 = 34 + 63 + 71 + 142 + 211 & 521 &:= 4^3 + 4^3 + 11^2 + 16^1 + 16^2 = 43 + 43 + 112 + 161 + 162 \\ 521 &:= 3^4 + 6^3 + 8^1 + 14^2 + 20^1 = 34 + 63 + 81 + 142 + 201 & 521 &:= 4^3 + 4^4 + 10^2 + 10^2 + 23^0 = 43 + 44 + 102 + 102 + 230 \end{aligned}$$

$$\begin{aligned}
 521 &:= 4^3 + 6^3 + 10^2 + 11^2 + 20^1 = 43 + 63 + 102 + 112 + 201 \\
 521 &:= 4^4 + 5^2 + 7^2 + 13^2 + 22^1 = 44 + 52 + 72 + 132 + 221 \\
 521 &:= 4^4 + 5^3 + 5^3 + 14^1 + 23^0 = 44 + 53 + 53 + 141 + 230 \\
 521 &:= 4^4 + 6^2 + 8^2 + 12^2 + 21^1 = 44 + 62 + 82 + 122 + 211
 \end{aligned}$$

$$\begin{aligned}
 521 &:= 4^4 + 8^2 + 9^2 + 10^2 + 20^1 = 44 + 82 + 92 + 102 + 201 \\
 521 &:= 5^2 + 5^3 + 5^3 + 15^2 + 21^1 = 52 + 53 + 53 + 152 + 211 \\
 521 &:= 5^3 + 6^2 + 6^3 + 11^2 + 23^1 = 53 + 62 + 63 + 112 + 231
 \end{aligned}$$

2.2.423 Number 522

$$\begin{aligned}
 522 &:= 1^0 + 2^3 + 2^9 + 46^0 = 10 + 23 + 29 + 460 \\
 522 &:= 1^2 + 2^9 + 8^1 + 40^0 = 12 + 29 + 81 + 400 \\
 522 &:= 1^6 + 2^3 + 8^3 + 40^0 = 16 + 23 + 83 + 400 \\
 522 &:= 1^8 + 14^2 + 18^0 + 18^2 = 18 + 142 + 180 + 182 \\
 522 &:= 1^8 + 6^2 + 22^0 + 22^2 = 18 + 62 + 220 + 222 \\
 522 &:= 1^8 + 8^1 + 8^3 + 34^0 = 18 + 81 + 83 + 340 \\
 522 &:= 2^0 + 2^3 + 2^9 + 45^0 = 20 + 23 + 29 + 450 \\
 522 &:= 2^2 + 2^9 + 5^1 + 42^0 = 22 + 29 + 51 + 420 \\
 522 &:= 2^3 + 2^9 + 10^0 + 37^0 = 23 + 29 + 100 + 370 \\
 522 &:= 2^3 + 2^9 + 11^0 + 36^0 = 23 + 29 + 110 + 360 \\
 522 &:= 2^3 + 2^9 + 12^0 + 35^0 = 23 + 29 + 120 + 350 \\
 522 &:= 2^3 + 2^9 + 13^0 + 34^0 = 23 + 29 + 130 + 340 \\
 522 &:= 2^3 + 2^9 + 14^0 + 33^0 = 23 + 29 + 140 + 330 \\
 522 &:= 2^3 + 2^9 + 15^0 + 32^0 = 23 + 29 + 150 + 320 \\
 522 &:= 2^3 + 2^9 + 16^0 + 31^0 = 23 + 29 + 160 + 310 \\
 522 &:= 2^3 + 2^9 + 17^0 + 30^0 = 23 + 29 + 170 + 300 \\
 522 &:= 2^3 + 2^9 + 18^0 + 29^0 = 23 + 29 + 180 + 290 \\
 522 &:= 2^3 + 2^9 + 19^0 + 28^0 = 23 + 29 + 190 + 280 \\
 522 &:= 2^3 + 2^9 + 20^0 + 27^0 = 23 + 29 + 200 + 270 \\
 522 &:= 2^3 + 2^9 + 21^0 + 26^0 = 23 + 29 + 210 + 260 \\
 522 &:= 2^3 + 2^9 + 22^0 + 25^0 = 23 + 29 + 220 + 250 \\
 522 &:= 2^3 + 2^9 + 23^0 + 24^0 = 23 + 29 + 230 + 240 \\
 522 &:= 2^3 + 2^9 + 3^0 + 44^0 = 23 + 29 + 30 + 440 \\
 522 &:= 2^3 + 2^9 + 4^0 + 43^0 = 23 + 29 + 40 + 430 \\
 522 &:= 2^3 + 2^9 + 5^0 + 42^0 = 23 + 29 + 50 + 420 \\
 522 &:= 2^3 + 2^9 + 6^0 + 41^0 = 23 + 29 + 60 + 410 \\
 522 &:= 2^3 + 2^9 + 7^0 + 40^0 = 23 + 29 + 70 + 400 \\
 522 &:= 2^3 + 2^9 + 8^0 + 39^0 = 23 + 29 + 80 + 390 \\
 522 &:= 2^3 + 2^9 + 9^0 + 38^0 = 23 + 29 + 90 + 380 \\
 522 &:= 2^4 + 2^6 + 21^2 + 26^0 = 24 + 26 + 212 + 260 \\
 522 &:= 2^8 + 11^2 + 12^2 + 26^0 = 28 + 112 + 122 + 260
 \end{aligned}$$

$$\begin{aligned}
 522 &:= 2^8 + 3^2 + 16^2 + 30^0 = 28 + 32 + 162 + 300 \\
 522 &:= 1^1 + 2^7 + 14^2 + 14^2 + 20^0 = 11 + 27 + 142 + 142 + 200 \\
 522 &:= 1^1 + 2^8 + 8^1 + 16^2 + 24^0 = 11 + 28 + 81 + 162 + 240 \\
 522 &:= 1^2 + 2^9 + 7^1 + 14^0 + 27^0 = 12 + 29 + 71 + 140 + 270 \\
 522 &:= 1^2 + 2^9 + 7^1 + 15^0 + 26^0 = 12 + 29 + 71 + 150 + 260 \\
 522 &:= 1^2 + 2^9 + 7^1 + 16^0 + 25^0 = 12 + 29 + 71 + 160 + 250 \\
 522 &:= 1^2 + 2^9 + 7^1 + 17^0 + 24^0 = 12 + 29 + 71 + 170 + 240 \\
 522 &:= 1^2 + 2^9 + 7^1 + 18^0 + 23^0 = 12 + 29 + 71 + 180 + 230 \\
 522 &:= 1^2 + 2^9 + 7^1 + 19^0 + 22^0 = 12 + 29 + 71 + 190 + 220 \\
 522 &:= 1^2 + 2^9 + 7^1 + 20^0 + 21^0 = 12 + 29 + 71 + 200 + 210 \\
 522 &:= 1^2 + 3^5 + 4^4 + 21^1 + 22^0 = 12 + 35 + 44 + 211 + 220 \\
 522 &:= 1^3 + 2^2 + 2^5 + 22^2 + 24^0 = 13 + 22 + 25 + 222 + 240 \\
 522 &:= 1^3 + 2^6 + 12^0 + 15^1 + 21^2 = 13 + 26 + 120 + 151 + 212 \\
 522 &:= 1^3 + 3^5 + 9^2 + 14^2 + 24^0 = 13 + 35 + 92 + 142 + 240 \\
 522 &:= 1^4 + 2^5 + 4^1 + 22^0 + 22^2 = 14 + 25 + 41 + 220 + 222 \\
 522 &:= 1^4 + 3^5 + 10^0 + 16^2 + 21^1 = 14 + 35 + 100 + 162 + 211 \\
 522 &:= 1^5 + 2^3 + 16^0 + 16^2 + 16^2 = 15 + 23 + 160 + 162 + 162 \\
 522 &:= 1^5 + 2^4 + 6^0 + 20^1 + 22^2 = 15 + 24 + 60 + 201 + 222 \\
 522 &:= 1^5 + 3^2 + 3^3 + 22^0 + 22^2 = 15 + 32 + 33 + 220 + 222 \\
 522 &:= 1^5 + 3^3 + 13^2 + 16^0 + 18^2 = 15 + 33 + 132 + 160 + 182 \\
 522 &:= 1^5 + 4^4 + 8^1 + 16^2 + 22^0 = 15 + 44 + 81 + 162 + 220 \\
 522 &:= 1^6 + 3^3 + 9^1 + 16^0 + 22^2 = 16 + 33 + 91 + 160 + 222 \\
 522 &:= 1^6 + 4^3 + 10^0 + 15^1 + 21^2 = 16 + 43 + 100 + 151 + 212 \\
 522 &:= 1^6 + 6^3 + 12^0 + 15^1 + 17^2 = 16 + 63 + 120 + 151 + 172 \\
 522 &:= 1^6 + 7^3 + 8^1 + 13^2 + 22^0 = 16 + 73 + 81 + 132 + 220 \\
 522 &:= 1^7 + 4^0 + 12^2 + 15^1 + 19^2 = 17 + 40 + 122 + 151 + 192 \\
 522 &:= 1^7 + 4^0 + 4^2 + 20^1 + 22^2 = 17 + 40 + 42 + 201 + 222 \\
 522 &:= 1^7 + 5^2 + 11^1 + 12^0 + 22^2 = 17 + 52 + 111 + 120 + 222 \\
 522 &:= 1^7 + 6^0 + 8^2 + 15^1 + 21^2 = 17 + 60 + 82 + 151 + 212 \\
 522 &:= 1^7 + 6^1 + 12^0 + 15^2 + 17^2 = 17 + 61 + 120 + 152 + 172 \\
 522 &:= 1^7 + 8^1 + 10^0 + 16^2 + 16^2 = 17 + 81 + 100 + 162 + 162
 \end{aligned}$$

$$\begin{aligned}
 522 &:= 1^8 + 2^5 + 2^6 + 20^2 + 25^1 = 18 + 25 + 26 + 202 + 251 & 522 &:= 2^6 + 6^2 + 14^0 + 14^2 + 15^2 = 26 + 62 + 140 + 142 + 152 \\
 522 &:= 1^8 + 2^8 + 3^5 + 21^1 + 23^0 = 18 + 28 + 35 + 211 + 230 & 522 &:= 2^6 + 6^3 + 12^0 + 15^2 + 16^1 = 26 + 63 + 120 + 152 + 161 \\
 522 &:= 1^8 + 7^1 + 8^0 + 8^3 + 27^0 = 18 + 71 + 80 + 83 + 270 & 522 &:= 2^6 + 7^3 + 10^2 + 14^1 + 18^0 = 26 + 73 + 102 + 141 + 180 \\
 522 &:= 1^8 + 7^1 + 8^3 + 10^0 + 25^0 = 18 + 71 + 83 + 100 + 250 & 522 &:= 2^7 + 3^2 + 4^0 + 19^2 + 23^1 = 27 + 32 + 40 + 192 + 231 \\
 522 &:= 1^8 + 7^1 + 8^3 + 11^0 + 24^0 = 18 + 71 + 83 + 110 + 240 & 522 &:= 2^7 + 4^0 + 7^2 + 18^2 + 20^1 = 27 + 40 + 72 + 182 + 201 \\
 522 &:= 1^8 + 7^1 + 8^3 + 12^0 + 23^0 = 18 + 71 + 83 + 120 + 230 & 522 &:= 2^7 + 4^1 + 10^2 + 17^2 + 18^0 = 27 + 41 + 102 + 172 + 180 \\
 522 &:= 1^8 + 7^1 + 8^3 + 13^0 + 22^0 = 18 + 71 + 83 + 130 + 220 & 522 &:= 2^7 + 4^2 + 10^0 + 16^1 + 19^2 = 27 + 42 + 100 + 161 + 192 \\
 522 &:= 1^8 + 7^1 + 8^3 + 14^0 + 21^0 = 18 + 71 + 83 + 140 + 210 & 522 &:= 2^7 + 5^1 + 8^2 + 18^0 + 18^2 = 27 + 51 + 82 + 180 + 182 \\
 522 &:= 1^8 + 7^1 + 8^3 + 15^0 + 20^0 = 18 + 71 + 83 + 150 + 200 & 522 &:= 2^7 + 5^2 + 7^1 + 18^0 + 19^2 = 27 + 52 + 71 + 180 + 192 \\
 522 &:= 1^8 + 7^1 + 8^3 + 16^0 + 19^0 = 18 + 71 + 83 + 160 + 190 & 522 &:= 2^7 + 6^0 + 11^2 + 16^1 + 16^2 = 27 + 60 + 112 + 161 + 162 \\
 522 &:= 1^8 + 7^1 + 8^3 + 17^0 + 18^0 = 18 + 71 + 83 + 170 + 180 & 522 &:= 2^7 + 7^2 + 7^3 + 10^0 + 25^0 = 27 + 72 + 73 + 100 + 250 \\
 522 &:= 1^8 + 7^1 + 8^3 + 9^0 + 26^0 = 18 + 71 + 83 + 90 + 260 & 522 &:= 2^7 + 7^2 + 7^3 + 11^0 + 24^0 = 27 + 72 + 73 + 110 + 240 \\
 522 &:= 2^1 + 2^8 + 7^1 + 16^2 + 24^0 = 21 + 28 + 71 + 162 + 240 & 522 &:= 2^7 + 7^2 + 7^3 + 12^0 + 23^0 = 27 + 72 + 73 + 120 + 230 \\
 522 &:= 2^2 + 2^9 + 4^1 + 16^0 + 27^0 = 22 + 29 + 41 + 160 + 270 & 522 &:= 2^7 + 7^2 + 7^3 + 13^0 + 22^0 = 27 + 72 + 73 + 130 + 220 \\
 522 &:= 2^2 + 2^9 + 4^1 + 17^0 + 26^0 = 22 + 29 + 41 + 170 + 260 & 522 &:= 2^7 + 7^2 + 7^3 + 14^0 + 21^0 = 27 + 72 + 73 + 140 + 210 \\
 522 &:= 2^2 + 2^9 + 4^1 + 18^0 + 25^0 = 22 + 29 + 41 + 180 + 250 & 522 &:= 2^7 + 7^2 + 7^3 + 15^0 + 20^0 = 27 + 72 + 73 + 150 + 200 \\
 522 &:= 2^2 + 2^9 + 4^1 + 19^0 + 24^0 = 22 + 29 + 41 + 190 + 240 & 522 &:= 2^7 + 7^2 + 7^3 + 16^0 + 19^0 = 27 + 72 + 73 + 160 + 190 \\
 522 &:= 2^2 + 2^9 + 4^1 + 20^0 + 23^0 = 22 + 29 + 41 + 200 + 230 & 522 &:= 2^7 + 7^2 + 7^3 + 17^0 + 18^0 = 27 + 72 + 73 + 170 + 180 \\
 522 &:= 2^2 + 2^9 + 4^1 + 21^0 + 22^0 = 22 + 29 + 41 + 210 + 220 & 522 &:= 2^7 + 7^2 + 7^3 + 8^0 + 27^0 = 27 + 72 + 73 + 80 + 270 \\
 522 &:= 2^2 + 3^5 + 4^4 + 18^1 + 24^0 = 22 + 35 + 44 + 181 + 240 & 522 &:= 2^7 + 7^2 + 7^3 + 9^0 + 26^0 = 27 + 72 + 73 + 90 + 260 \\
 522 &:= 2^3 + 2^5 + 15^2 + 16^0 + 16^2 = 23 + 25 + 152 + 160 + 162 & 522 &:= 2^8 + 3^1 + 6^1 + 16^2 + 24^0 = 28 + 31 + 61 + 162 + 240 \\
 522 &:= 2^3 + 2^5 + 9^2 + 18^0 + 20^2 = 23 + 25 + 92 + 180 + 202 & 522 &:= 2^8 + 4^1 + 5^1 + 16^2 + 24^0 = 28 + 41 + 51 + 162 + 240 \\
 522 &:= 2^3 + 2^6 + 8^1 + 18^0 + 21^2 = 23 + 26 + 81 + 180 + 212 & 522 &:= 3^4 + 3^4 + 7^3 + 16^1 + 22^0 = 34 + 34 + 73 + 161 + 220 \\
 522 &:= 2^4 + 3^4 + 10^2 + 18^0 + 18^2 = 24 + 34 + 102 + 180 + 182 & 522 &:= 3^5 + 3^5 + 10^0 + 10^1 + 25^1 = 35 + 35 + 100 + 101 + 251 \\
 522 &:= 2^4 + 3^5 + 6^1 + 16^2 + 24^0 = 24 + 35 + 61 + 162 + 240 & 522 &:= 3^5 + 3^5 + 10^0 + 11^1 + 24^1 = 35 + 35 + 100 + 111 + 241 \\
 522 &:= 2^4 + 4^3 + 6^3 + 15^2 + 24^0 = 24 + 43 + 63 + 152 + 240 & 522 &:= 3^5 + 3^5 + 10^0 + 12^1 + 23^1 = 35 + 35 + 100 + 121 + 231 \\
 522 &:= 2^5 + 3^4 + 8^1 + 18^0 + 20^2 = 25 + 34 + 81 + 180 + 202 & 522 &:= 3^5 + 3^5 + 10^0 + 13^1 + 22^1 = 35 + 35 + 100 + 131 + 221 \\
 522 &:= 2^5 + 4^3 + 13^2 + 16^0 + 16^2 = 25 + 43 + 132 + 160 + 162 & 522 &:= 3^5 + 3^5 + 10^0 + 14^1 + 21^1 = 35 + 35 + 100 + 141 + 211 \\
 522 &:= 2^5 + 4^3 + 5^2 + 20^0 + 20^2 = 25 + 43 + 52 + 200 + 202 & 522 &:= 3^5 + 3^5 + 10^0 + 15^1 + 20^1 = 35 + 35 + 100 + 151 + 201 \\
 522 &:= 2^5 + 4^3 + 8^2 + 18^0 + 19^2 = 25 + 43 + 82 + 180 + 192 & 522 &:= 3^5 + 3^5 + 10^0 + 16^1 + 19^1 = 35 + 35 + 100 + 161 + 191 \\
 522 &:= 2^5 + 4^4 + 8^1 + 15^2 + 22^0 = 25 + 44 + 81 + 152 + 220 & 522 &:= 3^5 + 3^5 + 10^0 + 17^1 + 18^1 = 35 + 35 + 100 + 171 + 181 \\
 522 &:= 2^5 + 5^2 + 7^3 + 11^2 + 26^0 = 25 + 52 + 73 + 112 + 260 & 522 &:= 3^5 + 3^5 + 8^1 + 10^0 + 27^1 = 35 + 35 + 81 + 100 + 271 \\
 522 &:= 2^5 + 5^3 + 7^3 + 16^0 + 21^1 = 25 + 53 + 73 + 160 + 211 & 522 &:= 3^5 + 3^5 + 9^1 + 10^0 + 26^1 = 35 + 35 + 91 + 100 + 261 \\
 522 &:= 2^6 + 12^0 + 12^2 + 12^2 + 13^2 = 26 + 120 + 122 + 122 + 132 \\
 522 &:= 2^6 + 5^3 + 8^1 + 18^0 + 18^2 = 26 + 53 + 81 + 180 + 182
 \end{aligned}$$

2.2.424 Number 523

$523 := 1^2 + 2^9 + 3^2 + 45^0$	$= 12 + 29 + 32 + 450$	$523 := 1^4 + 2^4 + 6^3 + 17^2 + 25^0$	$= 14 + 24 + 63 + 172 + 250$
$523 := 1^3 + 2^9 + 9^1 + 39^0$	$= 13 + 29 + 91 + 390$	$523 := 1^4 + 2^6 + 11^0 + 16^1 + 21^2$	$= 14 + 26 + 110 + 161 + 212$
$523 := 1^8 + 3^2 + 8^3 + 39^0$	$= 18 + 32 + 83 + 390$	$523 := 1^4 + 4^4 + 11^2 + 11^2 + 24^1$	$= 14 + 44 + 112 + 112 + 241$
$523 := 1^9 + 11^2 + 19^0 + 20^2$	$= 19 + 112 + 190 + 202$	$523 := 1^5 + 2^4 + 12^2 + 17^0 + 19^2$	$= 15 + 24 + 122 + 170 + 192$
$523 := 1^9 + 8^3 + 9^1 + 33^0$	$= 19 + 83 + 91 + 330$	$523 := 1^5 + 2^4 + 8^2 + 19^0 + 21^2$	$= 15 + 24 + 82 + 190 + 212$
$523 := 2^1 + 2^3 + 2^9 + 45^0$	$= 21 + 23 + 29 + 450$	$523 := 1^5 + 2^5 + 5^1 + 21^0 + 22^2$	$= 15 + 25 + 51 + 210 + 222$
$523 := 2^8 + 4^4 + 10^1 + 35^0$	$= 28 + 44 + 101 + 350$	$523 := 1^5 + 3^2 + 4^4 + 16^2 + 27^0$	$= 15 + 32 + 44 + 162 + 270$
$523 := 1^0 + 1^9 + 14^2 + 17^0 + 18^2$	$= 10 + 19 + 142 + 170 + 182$	$523 := 1^5 + 3^5 + 9^0 + 16^2 + 22^1$	$= 15 + 35 + 90 + 162 + 221$
$523 := 1^0 + 1^9 + 6^2 + 21^0 + 22^2$	$= 10 + 19 + 62 + 210 + 222$	$523 := 1^5 + 4^4 + 11^2 + 12^2 + 23^0$	$= 15 + 44 + 112 + 122 + 230$
$523 := 1^1 + 1^8 + 14^2 + 17^0 + 18^2$	$= 11 + 18 + 142 + 170 + 182$	$523 := 1^6 + 10^2 + 11^2 + 12^1 + 17^2$	$= 16 + 102 + 112 + 121 + 172$
$523 := 1^1 + 1^8 + 6^2 + 21^0 + 22^2$	$= 11 + 18 + 62 + 210 + 222$	$523 := 1^6 + 2^2 + 10^2 + 18^1 + 20^2$	$= 16 + 22 + 102 + 181 + 202$
$523 := 1^1 + 2^3 + 2^9 + 19^0 + 27^0$	$= 11 + 23 + 29 + 190 + 270$	$523 := 1^6 + 2^4 + 5^0 + 21^1 + 22^2$	$= 16 + 24 + 50 + 211 + 222$
$523 := 1^1 + 2^3 + 2^9 + 20^0 + 26^0$	$= 11 + 23 + 29 + 200 + 260$	$523 := 1^6 + 3^2 + 7^3 + 13^2 + 27^0$	$= 16 + 32 + 73 + 132 + 270$
$523 := 1^1 + 2^3 + 2^9 + 21^0 + 25^0$	$= 11 + 23 + 29 + 210 + 250$	$523 := 1^6 + 4^2 + 4^3 + 21^0 + 21^2$	$= 16 + 42 + 43 + 210 + 212$
$523 := 1^1 + 2^3 + 2^9 + 22^0 + 24^0$	$= 11 + 23 + 29 + 220 + 240$	$523 := 1^6 + 4^2 + 6^3 + 17^2 + 23^0$	$= 16 + 42 + 63 + 172 + 230$
$523 := 1^1 + 2^3 + 2^9 + 23^0 + 23^0$	$= 11 + 23 + 29 + 230 + 230$	$523 := 1^6 + 4^4 + 9^1 + 16^2 + 21^0$	$= 16 + 44 + 91 + 162 + 210$
$523 := 1^1 + 2^4 + 2^6 + 21^2 + 25^0$	$= 11 + 24 + 26 + 212 + 250$	$523 := 1^6 + 5^2 + 11^2 + 15^1 + 19^2$	$= 16 + 52 + 112 + 151 + 192$
$523 := 1^1 + 2^8 + 11^2 + 12^2 + 25^0$	$= 11 + 28 + 112 + 122 + 250$	$523 := 1^6 + 5^2 + 9^2 + 16^1 + 20^2$	$= 16 + 52 + 92 + 161 + 202$
$523 := 1^2 + 1^7 + 14^2 + 17^0 + 18^2$	$= 12 + 17 + 142 + 170 + 182$	$523 := 1^6 + 6^3 + 7^2 + 16^2 + 21^0$	$= 16 + 63 + 72 + 162 + 210$
$523 := 1^2 + 1^7 + 6^2 + 21^0 + 22^2$	$= 12 + 17 + 62 + 210 + 222$	$523 := 1^6 + 8^2 + 11^2 + 13^1 + 18^2$	$= 16 + 82 + 112 + 131 + 182$
$523 := 1^2 + 2^4 + 3^4 + 20^2 + 25^1$	$= 12 + 24 + 34 + 202 + 251$	$523 := 1^7 + 10^2 + 11^0 + 14^2 + 15^2$	$= 17 + 102 + 110 + 142 + 152$
$523 := 1^2 + 2^6 + 6^2 + 20^2 + 22^1$	$= 12 + 26 + 62 + 202 + 221$	$523 := 1^7 + 11^0 + 11^2 + 12^2 + 16^2$	$= 17 + 110 + 112 + 122 + 162$
$523 := 1^2 + 2^8 + 9^1 + 16^2 + 23^0$	$= 12 + 28 + 91 + 162 + 230$	$523 := 1^7 + 2^3 + 8^3 + 13^0 + 27^0$	$= 17 + 23 + 83 + 130 + 270$
$523 := 1^3 + 1^6 + 14^2 + 17^0 + 18^2$	$= 13 + 16 + 142 + 170 + 182$	$523 := 1^7 + 2^3 + 8^3 + 14^0 + 26^0$	$= 17 + 23 + 83 + 140 + 260$
$523 := 1^3 + 1^6 + 6^2 + 21^0 + 22^2$	$= 13 + 16 + 62 + 210 + 222$	$523 := 1^7 + 2^3 + 8^3 + 15^0 + 25^0$	$= 17 + 23 + 83 + 150 + 250$
$523 := 1^3 + 2^6 + 4^2 + 21^2 + 23^0$	$= 13 + 26 + 42 + 212 + 230$	$523 := 1^7 + 2^3 + 8^3 + 16^0 + 24^0$	$= 17 + 23 + 83 + 160 + 240$
$523 := 1^3 + 2^9 + 8^1 + 13^0 + 27^0$	$= 13 + 29 + 81 + 130 + 270$	$523 := 1^7 + 2^3 + 8^3 + 17^0 + 23^0$	$= 17 + 23 + 83 + 170 + 230$
$523 := 1^3 + 2^9 + 8^1 + 14^0 + 26^0$	$= 13 + 29 + 81 + 140 + 260$	$523 := 1^7 + 2^3 + 8^3 + 18^0 + 22^0$	$= 17 + 23 + 83 + 180 + 220$
$523 := 1^3 + 2^9 + 8^1 + 15^0 + 25^0$	$= 13 + 29 + 81 + 150 + 250$	$523 := 1^7 + 2^3 + 8^3 + 19^0 + 21^0$	$= 17 + 23 + 83 + 190 + 210$
$523 := 1^3 + 2^9 + 8^1 + 16^0 + 24^0$	$= 13 + 29 + 81 + 160 + 240$	$523 := 1^7 + 2^3 + 8^3 + 20^0 + 20^0$	$= 17 + 23 + 83 + 200 + 200$
$523 := 1^3 + 2^9 + 8^1 + 17^0 + 23^0$	$= 13 + 29 + 81 + 170 + 230$	$523 := 1^7 + 3^2 + 15^0 + 16^2 + 16^2$	$= 17 + 32 + 150 + 162 + 162$
$523 := 1^3 + 2^9 + 8^1 + 18^0 + 22^0$	$= 13 + 29 + 81 + 180 + 220$	$523 := 1^7 + 3^3 + 10^1 + 15^0 + 22^2$	$= 17 + 33 + 101 + 150 + 222$
$523 := 1^3 + 2^9 + 8^1 + 19^0 + 21^0$	$= 13 + 29 + 81 + 190 + 210$	$523 := 1^7 + 4^2 + 12^2 + 15^0 + 19^2$	$= 17 + 42 + 122 + 150 + 192$
$523 := 1^3 + 2^9 + 8^1 + 20^0 + 20^0$	$= 13 + 29 + 81 + 200 + 200$	$523 := 1^7 + 4^2 + 8^2 + 17^0 + 21^2$	$= 17 + 42 + 82 + 170 + 212$
$523 := 1^3 + 3^5 + 4^4 + 21^0 + 22^1$	$= 13 + 35 + 44 + 210 + 221$	$523 := 1^7 + 4^3 + 9^0 + 16^1 + 21^2$	$= 17 + 43 + 90 + 161 + 212$
$523 := 1^4 + 1^5 + 14^2 + 17^0 + 18^2$	$= 14 + 15 + 142 + 170 + 182$	$523 := 1^7 + 6^2 + 13^0 + 14^2 + 17^2$	$= 17 + 62 + 130 + 142 + 172$
$523 := 1^4 + 1^5 + 6^2 + 21^0 + 22^2$	$= 14 + 15 + 62 + 210 + 222$	$523 := 1^7 + 6^3 + 11^0 + 16^1 + 17^2$	$= 17 + 63 + 110 + 161 + 172$
$523 := 1^4 + 2^4 + 4^3 + 21^2 + 23^0$	$= 14 + 24 + 43 + 212 + 230$	$523 := 1^7 + 7^3 + 9^1 + 13^2 + 21^0$	$= 17 + 73 + 91 + 132 + 210$

$$\begin{aligned} 523 &:= 1^8 + 3^0 + 12^2 + 16^1 + 19^2 = 18 + 30 + 122 + 161 + 192 & 523 &:= 2^2 + 2^8 + 6^1 + 16^2 + 25^0 = 22 + 28 + 61 + 162 + 250 \\ 523 &:= 1^8 + 3^0 + 4^2 + 21^1 + 22^2 = 18 + 30 + 42 + 211 + 222 & 523 &:= 2^3 + 2^5 + 8^2 + 19^1 + 20^2 = 23 + 25 + 82 + 191 + 202 \\ 523 &:= 1^8 + 5^0 + 8^2 + 16^1 + 21^2 = 18 + 50 + 82 + 161 + 212 & 523 &:= 2^3 + 2^6 + 15^2 + 15^2 + 17^0 = 23 + 26 + 152 + 152 + 170 \\ 523 &:= 1^8 + 5^2 + 11^0 + 12^1 + 22^2 = 18 + 52 + 110 + 121 + 222 & 523 &:= 2^3 + 2^6 + 3^2 + 21^2 + 23^0 = 23 + 26 + 32 + 212 + 230 \\ 523 &:= 1^8 + 7^1 + 11^0 + 15^2 + 17^2 = 18 + 71 + 110 + 152 + 172 & 523 &:= 2^3 + 2^7 + 3^0 + 19^2 + 25^1 = 23 + 27 + 30 + 192 + 251 \\ 523 &:= 1^8 + 9^0 + 9^1 + 16^2 + 16^2 = 18 + 90 + 91 + 162 + 162 & 523 &:= 2^3 + 3^5 + 4^4 + 15^1 + 27^0 = 23 + 35 + 44 + 151 + 270 \\ 523 &:= 1^9 + 2^0 + 14^2 + 16^0 + 18^2 = 19 + 20 + 142 + 160 + 182 & 523 &:= 2^4 + 3^4 + 4^3 + 19^2 + 23^0 = 24 + 34 + 43 + 192 + 230 \\ 523 &:= 1^9 + 2^0 + 6^2 + 20^0 + 22^2 = 19 + 20 + 62 + 200 + 222 & 523 &:= 2^5 + 2^5 + 9^0 + 17^1 + 21^2 = 25 + 25 + 90 + 171 + 212 \\ 523 &:= 1^9 + 2^5 + 2^7 + 19^2 + 26^0 = 19 + 25 + 27 + 192 + 260 & 523 &:= 2^5 + 3^2 + 3^4 + 20^2 + 23^0 = 25 + 32 + 34 + 202 + 230 \\ 523 &:= 1^9 + 2^8 + 3^5 + 22^0 + 22^1 = 19 + 28 + 35 + 220 + 221 & 523 &:= 2^5 + 3^2 + 4^4 + 15^2 + 27^0 = 25 + 32 + 44 + 152 + 270 \\ 523 &:= 1^9 + 3^0 + 14^2 + 15^0 + 18^2 = 19 + 30 + 142 + 150 + 182 & 523 &:= 2^5 + 3^5 + 9^0 + 15^2 + 22^1 = 25 + 35 + 90 + 152 + 221 \\ 523 &:= 1^9 + 3^0 + 6^2 + 19^0 + 22^2 = 19 + 30 + 62 + 190 + 222 & 523 &:= 2^5 + 4^3 + 11^2 + 17^1 + 17^2 = 25 + 43 + 112 + 171 + 172 \\ 523 &:= 1^9 + 4^0 + 14^0 + 14^2 + 18^2 = 19 + 40 + 140 + 142 + 182 & 523 &:= 2^5 + 4^4 + 6^3 + 18^1 + 21^0 = 25 + 44 + 63 + 181 + 210 \\ 523 &:= 1^9 + 4^0 + 6^2 + 18^0 + 22^2 = 19 + 40 + 62 + 180 + 222 & 523 &:= 2^6 + 10^2 + 11^2 + 13^1 + 15^2 = 26 + 102 + 112 + 131 + 152 \\ 523 &:= 1^9 + 5^0 + 13^0 + 14^2 + 18^2 = 19 + 50 + 130 + 142 + 182 & 523 &:= 2^6 + 3^2 + 12^2 + 17^1 + 17^2 = 26 + 32 + 122 + 171 + 172 \\ 523 &:= 1^9 + 5^0 + 6^2 + 17^0 + 22^2 = 19 + 50 + 62 + 170 + 222 & 523 &:= 2^6 + 3^2 + 5^3 + 18^2 + 23^0 = 26 + 32 + 53 + 182 + 230 \\ 523 &:= 1^9 + 6^0 + 12^0 + 14^2 + 18^2 = 19 + 60 + 120 + 142 + 182 & 523 &:= 2^6 + 3^4 + 11^0 + 16^1 + 19^2 = 26 + 34 + 110 + 161 + 192 \\ 523 &:= 1^9 + 6^0 + 6^2 + 16^0 + 22^2 = 19 + 60 + 62 + 160 + 222 & 523 &:= 2^6 + 4^2 + 8^2 + 18^1 + 19^2 = 26 + 42 + 82 + 181 + 192 \\ 523 &:= 1^9 + 6^2 + 10^0 + 12^0 + 22^2 = 19 + 62 + 100 + 120 + 222 & 523 &:= 2^6 + 4^3 + 13^2 + 15^2 + 17^0 = 26 + 43 + 132 + 152 + 170 \\ 523 &:= 1^9 + 6^2 + 11^0 + 11^0 + 22^2 = 19 + 62 + 110 + 110 + 222 & 523 &:= 2^6 + 4^4 + 6^1 + 14^2 + 25^0 = 26 + 44 + 61 + 142 + 250 \\ 523 &:= 1^9 + 6^2 + 7^0 + 15^0 + 22^2 = 19 + 62 + 70 + 150 + 222 & 523 &:= 2^6 + 6^3 + 11^2 + 11^2 + 21^0 = 26 + 63 + 112 + 112 + 210 \\ 523 &:= 1^9 + 6^2 + 8^0 + 14^0 + 22^2 = 19 + 62 + 80 + 140 + 222 & 523 &:= 2^6 + 6^3 + 6^3 + 11^0 + 26^1 = 26 + 63 + 63 + 110 + 261 \\ 523 &:= 1^9 + 6^2 + 9^0 + 13^0 + 22^2 = 19 + 62 + 90 + 130 + 222 & 523 &:= 2^6 + 9^2 + 13^1 + 13^2 + 14^2 = 26 + 92 + 131 + 132 + 142 \\ 523 &:= 1^9 + 7^0 + 11^0 + 14^2 + 18^2 = 19 + 70 + 110 + 142 + 182 & 523 &:= 2^7 + 3^3 + 6^1 + 19^2 + 21^0 = 27 + 33 + 61 + 192 + 210 \\ 523 &:= 1^9 + 7^0 + 8^1 + 8^3 + 27^0 = 19 + 70 + 81 + 83 + 270 & 523 &:= 2^7 + 4^3 + 6^1 + 18^2 + 21^0 = 27 + 43 + 61 + 182 + 210 \\ 523 &:= 1^9 + 8^0 + 10^0 + 14^2 + 18^2 = 19 + 80 + 100 + 142 + 182 & 523 &:= 2^7 + 5^2 + 12^2 + 15^2 + 17^0 = 27 + 52 + 122 + 152 + 170 \\ 523 &:= 1^9 + 8^0 + 8^1 + 8^3 + 26^0 = 19 + 80 + 81 + 83 + 260 & 523 &:= 2^7 + 5^2 + 7^3 + 11^0 + 26^1 = 27 + 52 + 73 + 110 + 261 \\ 523 &:= 1^9 + 8^1 + 8^3 + 10^0 + 24^0 = 19 + 81 + 83 + 100 + 240 & 523 &:= 2^7 + 5^3 + 13^1 + 15^0 + 16^2 = 27 + 53 + 131 + 150 + 162 \\ 523 &:= 1^9 + 8^1 + 8^3 + 11^0 + 23^0 = 19 + 81 + 83 + 110 + 230 & 523 &:= 2^7 + 6^2 + 7^3 + 15^1 + 21^0 = 27 + 62 + 73 + 151 + 210 \\ 523 &:= 1^9 + 8^1 + 8^3 + 12^0 + 22^0 = 19 + 81 + 83 + 120 + 220 & 523 &:= 2^7 + 6^3 + 9^1 + 13^2 + 21^0 = 27 + 63 + 91 + 132 + 210 \\ 523 &:= 1^9 + 8^1 + 8^3 + 13^0 + 21^0 = 19 + 81 + 83 + 130 + 210 & 523 &:= 2^7 + 9^2 + 12^2 + 13^2 + 15^0 = 27 + 92 + 122 + 132 + 150 \\ 523 &:= 1^9 + 8^1 + 8^3 + 14^0 + 20^0 = 19 + 81 + 83 + 140 + 200 & 523 &:= 2^8 + 3^0 + 11^2 + 11^2 + 24^1 = 28 + 30 + 112 + 112 + 241 \\ 523 &:= 1^9 + 8^1 + 8^3 + 15^0 + 19^0 = 19 + 81 + 83 + 150 + 190 & 523 &:= 2^8 + 4^2 + 5^0 + 15^2 + 25^1 = 28 + 42 + 50 + 152 + 251 \\ 523 &:= 1^9 + 8^1 + 8^3 + 16^0 + 18^0 = 19 + 81 + 83 + 160 + 180 & 523 &:= 2^8 + 4^4 + 9^0 + 9^1 + 27^0 = 28 + 44 + 90 + 91 + 270 \\ 523 &:= 1^9 + 8^1 + 8^3 + 17^0 + 17^0 = 19 + 81 + 83 + 170 + 170 & 523 &:= 2^8 + 4^4 + 9^1 + 10^0 + 26^0 = 28 + 44 + 91 + 100 + 260 \\ 523 &:= 1^9 + 8^1 + 8^3 + 9^0 + 25^0 = 19 + 81 + 83 + 90 + 250 & 523 &:= 2^8 + 4^4 + 9^1 + 11^0 + 25^0 = 28 + 44 + 91 + 110 + 250 \\ 523 &:= 1^9 + 9^0 + 9^0 + 14^2 + 18^2 = 19 + 90 + 90 + 142 + 182 & 523 &:= 2^8 + 4^4 + 9^1 + 12^0 + 24^0 = 28 + 44 + 91 + 120 + 240 \\ 523 &:= 2^2 + 2^5 + 4^3 + 20^2 + 23^1 = 22 + 25 + 43 + 202 + 231 & 523 &:= 2^8 + 4^4 + 9^1 + 13^0 + 23^0 = 28 + 44 + 91 + 130 + 230 \end{aligned}$$

$$\begin{aligned}
 523 &:= 2^8 + 4^4 + 9^1 + 14^0 + 22^0 = 28 + 44 + 91 + 140 + 220 \\
 523 &:= 2^8 + 4^4 + 9^1 + 15^0 + 21^0 = 28 + 44 + 91 + 150 + 210 \\
 523 &:= 2^8 + 4^4 + 9^1 + 16^0 + 20^0 = 28 + 44 + 91 + 160 + 200 \\
 523 &:= 2^8 + 4^4 + 9^1 + 17^0 + 19^0 = 28 + 44 + 91 + 170 + 190 \\
 523 &:= 2^8 + 4^4 + 9^1 + 18^0 + 18^0 = 28 + 44 + 91 + 180 + 180 \\
 523 &:= 2^8 + 5^0 + 10^2 + 12^2 + 22^1 = 28 + 50 + 102 + 122 + 221 \\
 523 &:= 2^8 + 5^1 + 6^2 + 15^2 + 23^0 = 28 + 51 + 62 + 152 + 230 \\
 523 &:= 2^8 + 5^2 + 13^0 + 15^2 + 16^1 = 28 + 52 + 130 + 152 + 161 \\
 523 &:= 2^8 + 6^1 + 8^2 + 14^2 + 21^0 = 28 + 61 + 82 + 142 + 210 \\
 523 &:= 2^8 + 6^3 + 7^2 + 10^0 + 26^0 = 28 + 63 + 72 + 100 + 260 \\
 523 &:= 2^8 + 6^3 + 7^2 + 11^0 + 25^0 = 28 + 63 + 72 + 110 + 250 \\
 523 &:= 2^8 + 6^3 + 7^2 + 12^0 + 24^0 = 28 + 63 + 72 + 120 + 240 \\
 523 &:= 2^8 + 6^3 + 7^2 + 13^0 + 23^0 = 28 + 63 + 72 + 130 + 230 \\
 523 &:= 2^8 + 6^3 + 7^2 + 14^0 + 22^0 = 28 + 63 + 72 + 140 + 220
 \end{aligned}$$

$$\begin{aligned}
 523 &:= 2^8 + 6^3 + 7^2 + 15^0 + 21^0 = 28 + 63 + 72 + 150 + 210 \\
 523 &:= 2^8 + 6^3 + 7^2 + 16^0 + 20^0 = 28 + 63 + 72 + 160 + 200 \\
 523 &:= 2^8 + 6^3 + 7^2 + 17^0 + 19^0 = 28 + 63 + 72 + 170 + 190 \\
 523 &:= 2^8 + 6^3 + 7^2 + 18^0 + 18^0 = 28 + 63 + 72 + 180 + 180 \\
 523 &:= 2^8 + 6^3 + 7^2 + 9^0 + 27^0 = 28 + 63 + 72 + 90 + 270 \\
 523 &:= 2^8 + 7^0 + 7^2 + 14^2 + 21^1 = 28 + 70 + 72 + 142 + 211 \\
 523 &:= 2^8 + 9^2 + 11^0 + 13^2 + 16^1 = 28 + 92 + 110 + 132 + 161 \\
 523 &:= 3^2 + 3^5 + 3^5 + 15^0 + 27^1 = 32 + 35 + 35 + 150 + 271 \\
 523 &:= 3^3 + 3^3 + 3^5 + 15^2 + 27^0 = 33 + 33 + 35 + 152 + 270 \\
 523 &:= 3^4 + 3^4 + 6^3 + 12^2 + 27^0 = 34 + 34 + 63 + 122 + 270 \\
 523 &:= 3^5 + 3^5 + 4^2 + 20^1 + 21^0 = 35 + 35 + 42 + 201 + 210 \\
 523 &:= 3^5 + 5^3 + 8^2 + 8^2 + 27^1 = 35 + 53 + 82 + 82 + 271
 \end{aligned}$$

2.2.425 Number 524

$$\begin{aligned}
 524 &:= 8^3 + 11^1 + 33^0 = 83 + 111 + 330 \\
 524 &:= 1^0 + 8^3 + 10^1 + 33^0 = 10 + 83 + 101 + 330 \\
 524 &:= 1^0 + 9^2 + 21^0 + 21^2 = 10 + 92 + 210 + 212 \\
 524 &:= 1^4 + 2^9 + 10^1 + 38^0 = 14 + 29 + 101 + 380 \\
 524 &:= 1^8 + 3^4 + 21^2 + 26^0 = 18 + 34 + 212 + 260 \\
 524 &:= 2^0 + 8^3 + 10^1 + 32^0 = 20 + 83 + 101 + 320 \\
 524 &:= 2^0 + 9^2 + 20^0 + 21^2 = 20 + 92 + 200 + 212 \\
 524 &:= 2^6 + 3^5 + 6^3 + 40^0 = 26 + 35 + 63 + 400 \\
 524 &:= 2^8 + 3^5 + 22^0 + 24^1 = 28 + 35 + 220 + 241 \\
 524 &:= 3^0 + 8^3 + 10^1 + 31^0 = 30 + 83 + 101 + 310 \\
 524 &:= 3^0 + 9^2 + 19^0 + 21^2 = 30 + 92 + 190 + 212 \\
 524 &:= 4^0 + 8^3 + 10^1 + 30^0 = 40 + 83 + 101 + 300 \\
 524 &:= 4^0 + 9^2 + 18^0 + 21^2 = 40 + 92 + 180 + 212 \\
 524 &:= 5^0 + 8^3 + 10^1 + 29^0 = 50 + 83 + 101 + 290 \\
 524 &:= 5^0 + 9^2 + 17^0 + 21^2 = 50 + 92 + 170 + 212 \\
 524 &:= 6^0 + 8^3 + 10^1 + 28^0 = 60 + 83 + 101 + 280 \\
 524 &:= 6^0 + 9^2 + 16^0 + 21^2 = 60 + 92 + 160 + 212 \\
 524 &:= 7^0 + 8^3 + 10^1 + 27^0 = 70 + 83 + 101 + 270 \\
 524 &:= 7^0 + 9^2 + 15^0 + 21^2 = 70 + 92 + 150 + 212 \\
 524 &:= 8^0 + 8^3 + 10^1 + 26^0 = 80 + 83 + 101 + 260 \\
 524 &:= 8^0 + 9^2 + 14^0 + 21^2 = 80 + 92 + 140 + 212 \\
 524 &:= 8^3 + 10^0 + 10^1 + 24^0 = 83 + 100 + 101 + 240
 \end{aligned}$$

$$\begin{aligned}
 524 &:= 8^3 + 10^1 + 11^0 + 23^0 = 83 + 101 + 110 + 230 \\
 524 &:= 8^3 + 10^1 + 12^0 + 22^0 = 83 + 101 + 120 + 220 \\
 524 &:= 8^3 + 10^1 + 13^0 + 21^0 = 83 + 101 + 130 + 210 \\
 524 &:= 8^3 + 10^1 + 14^0 + 20^0 = 83 + 101 + 140 + 200 \\
 524 &:= 8^3 + 10^1 + 15^0 + 19^0 = 83 + 101 + 150 + 190 \\
 524 &:= 8^3 + 10^1 + 16^0 + 18^0 = 83 + 101 + 160 + 180 \\
 524 &:= 8^3 + 10^1 + 17^0 + 17^0 = 83 + 101 + 170 + 170 \\
 524 &:= 8^3 + 9^0 + 10^1 + 25^0 = 83 + 90 + 101 + 250 \\
 524 &:= 9^0 + 9^2 + 13^0 + 21^2 = 90 + 92 + 130 + 212 \\
 524 &:= 9^2 + 10^0 + 12^0 + 21^2 = 92 + 100 + 120 + 212 \\
 524 &:= 9^2 + 11^0 + 11^0 + 21^2 = 92 + 110 + 110 + 212 \\
 524 &:= 1^0 + 1^0 + 11^2 + 19^0 + 20^2 = 10 + 10 + 112 + 190 + 202 \\
 524 &:= 1^0 + 10^0 + 10^0 + 11^2 + 20^2 = 10 + 100 + 100 + 112 + 202 \\
 524 &:= 1^0 + 2^0 + 11^2 + 18^0 + 20^2 = 10 + 20 + 112 + 180 + 202 \\
 524 &:= 1^0 + 2^8 + 3^5 + 22^0 + 23^1 = 10 + 28 + 35 + 220 + 231 \\
 524 &:= 1^0 + 3^0 + 11^2 + 17^0 + 20^2 = 10 + 30 + 112 + 170 + 202 \\
 524 &:= 1^0 + 4^0 + 11^2 + 16^0 + 20^2 = 10 + 40 + 112 + 160 + 202 \\
 524 &:= 1^0 + 5^0 + 11^2 + 15^0 + 20^2 = 10 + 50 + 112 + 150 + 202 \\
 524 &:= 1^0 + 6^0 + 11^2 + 14^0 + 20^2 = 10 + 60 + 112 + 140 + 202 \\
 524 &:= 1^0 + 7^0 + 11^2 + 13^0 + 20^2 = 10 + 70 + 112 + 130 + 202 \\
 524 &:= 1^0 + 7^0 + 8^3 + 9^1 + 27^0 = 10 + 70 + 83 + 91 + 270 \\
 524 &:= 1^0 + 8^0 + 11^2 + 12^0 + 20^2 = 10 + 80 + 112 + 120 + 202
 \end{aligned}$$

$$\begin{aligned}
 524 &:= 1^0 + 8^0 + 8^3 + 9^1 + 26^0 = 10 + 80 + 83 + 91 + 260 & 524 &:= 1^7 + 2^3 + 15^2 + 16^0 + 17^2 = 17 + 23 + 152 + 160 + 172 \\
 524 &:= 1^0 + 8^3 + 9^0 + 9^1 + 25^0 = 10 + 83 + 90 + 91 + 250 & 524 &:= 1^7 + 2^4 + 4^0 + 22^1 + 22^2 = 17 + 24 + 40 + 221 + 222 \\
 524 &:= 1^0 + 8^3 + 9^1 + 10^0 + 24^0 = 10 + 83 + 91 + 100 + 240 & 524 &:= 1^7 + 4^3 + 13^2 + 16^0 + 17^2 = 17 + 43 + 132 + 160 + 172 \\
 524 &:= 1^0 + 8^3 + 9^1 + 11^0 + 23^0 = 10 + 83 + 91 + 110 + 230 & 524 &:= 1^7 + 4^4 + 10^1 + 16^2 + 20^0 = 17 + 44 + 101 + 162 + 200 \\
 524 &:= 1^0 + 8^3 + 9^1 + 12^0 + 22^0 = 10 + 83 + 91 + 120 + 220 & 524 &:= 1^7 + 5^3 + 6^2 + 19^2 + 20^0 = 17 + 53 + 62 + 192 + 200 \\
 524 &:= 1^0 + 8^3 + 9^1 + 13^0 + 21^0 = 10 + 83 + 91 + 130 + 210 & 524 &:= 1^7 + 6^3 + 9^2 + 15^2 + 20^0 = 17 + 63 + 92 + 152 + 200 \\
 524 &:= 1^0 + 8^3 + 9^1 + 14^0 + 20^0 = 10 + 83 + 91 + 140 + 200 & 524 &:= 1^8 + 3^3 + 11^1 + 14^0 + 22^2 = 18 + 33 + 111 + 140 + 222 \\
 524 &:= 1^0 + 8^3 + 9^1 + 15^0 + 19^0 = 10 + 83 + 91 + 150 + 190 & 524 &:= 1^8 + 4^3 + 8^0 + 17^1 + 21^2 = 18 + 43 + 80 + 171 + 212 \\
 524 &:= 1^0 + 8^3 + 9^1 + 16^0 + 18^0 = 10 + 83 + 91 + 160 + 180 & 524 &:= 1^8 + 6^3 + 10^0 + 17^1 + 17^2 = 18 + 63 + 100 + 171 + 172 \\
 524 &:= 1^0 + 8^3 + 9^1 + 17^0 + 17^0 = 10 + 83 + 91 + 170 + 170 & 524 &:= 1^8 + 7^3 + 10^1 + 13^2 + 20^0 = 18 + 73 + 101 + 132 + 200 \\
 524 &:= 1^0 + 9^0 + 11^0 + 11^2 + 20^2 = 10 + 90 + 110 + 112 + 202 & 524 &:= 1^8 + 8^2 + 12^0 + 13^2 + 17^2 = 18 + 82 + 120 + 132 + 172 \\
 524 &:= 1^1 + 1^9 + 11^2 + 18^0 + 20^2 = 11 + 19 + 112 + 180 + 202 & 524 &:= 1^9 + 2^0 + 12^2 + 17^1 + 19^2 = 19 + 20 + 122 + 171 + 192 \\
 524 &:= 1^2 + 1^8 + 11^2 + 18^0 + 20^2 = 12 + 18 + 112 + 180 + 202 & 524 &:= 1^9 + 2^0 + 4^2 + 22^1 + 22^2 = 19 + 20 + 42 + 221 + 222 \\
 524 &:= 1^3 + 1^7 + 11^2 + 18^0 + 20^2 = 13 + 17 + 112 + 180 + 202 & 524 &:= 1^9 + 2^1 + 14^2 + 16^0 + 18^2 = 19 + 21 + 142 + 160 + 182 \\
 524 &:= 1^3 + 2^7 + 13^2 + 15^2 + 20^0 = 13 + 27 + 132 + 152 + 200 & 524 &:= 1^9 + 2^1 + 6^2 + 20^0 + 22^2 = 19 + 21 + 62 + 200 + 222 \\
 524 &:= 1^3 + 2^8 + 10^1 + 16^2 + 22^0 = 13 + 28 + 101 + 162 + 220 & 524 &:= 1^9 + 3^2 + 8^3 + 12^0 + 27^0 = 19 + 32 + 83 + 120 + 270 \\
 524 &:= 1^3 + 2^9 + 3^2 + 18^0 + 27^0 = 13 + 29 + 32 + 180 + 270 & 524 &:= 1^9 + 3^2 + 8^3 + 13^0 + 26^0 = 19 + 32 + 83 + 130 + 260 \\
 524 &:= 1^3 + 2^9 + 3^2 + 19^0 + 26^0 = 13 + 29 + 32 + 190 + 260 & 524 &:= 1^9 + 3^2 + 8^3 + 14^0 + 25^0 = 19 + 32 + 83 + 140 + 250 \\
 524 &:= 1^3 + 2^9 + 3^2 + 20^0 + 25^0 = 13 + 29 + 32 + 200 + 250 & 524 &:= 1^9 + 3^2 + 8^3 + 15^0 + 24^0 = 19 + 32 + 83 + 150 + 240 \\
 524 &:= 1^3 + 2^9 + 3^2 + 21^0 + 24^0 = 13 + 29 + 32 + 210 + 240 & 524 &:= 1^9 + 3^2 + 8^3 + 16^0 + 23^0 = 19 + 32 + 83 + 160 + 230 \\
 524 &:= 1^3 + 2^9 + 3^2 + 22^0 + 23^0 = 13 + 29 + 32 + 220 + 230 & 524 &:= 1^9 + 3^2 + 8^3 + 17^0 + 22^0 = 19 + 32 + 83 + 170 + 220 \\
 524 &:= 1^4 + 1^6 + 11^2 + 18^0 + 20^2 = 14 + 16 + 112 + 180 + 202 & 524 &:= 1^9 + 3^2 + 8^3 + 18^0 + 21^0 = 19 + 32 + 83 + 180 + 210 \\
 524 &:= 1^4 + 2^6 + 13^2 + 17^2 + 18^0 = 14 + 26 + 132 + 172 + 180 & 524 &:= 1^9 + 3^2 + 8^3 + 19^0 + 20^0 = 19 + 32 + 83 + 190 + 200 \\
 524 &:= 1^4 + 2^9 + 9^1 + 12^0 + 27^0 = 14 + 29 + 91 + 120 + 270 & 524 &:= 1^9 + 4^0 + 8^2 + 17^1 + 21^2 = 19 + 40 + 82 + 171 + 212 \\
 524 &:= 1^4 + 2^9 + 9^1 + 13^0 + 26^0 = 14 + 29 + 91 + 130 + 260 & 524 &:= 1^9 + 5^2 + 10^0 + 13^1 + 22^2 = 19 + 52 + 100 + 131 + 222 \\
 524 &:= 1^4 + 2^9 + 9^1 + 14^0 + 25^0 = 14 + 29 + 91 + 140 + 250 & 524 &:= 1^9 + 8^0 + 10^1 + 16^2 + 16^2 = 19 + 80 + 101 + 162 + 162 \\
 524 &:= 1^4 + 2^9 + 9^1 + 15^0 + 24^0 = 14 + 29 + 91 + 150 + 240 & 524 &:= 1^9 + 8^1 + 10^0 + 15^2 + 17^2 = 19 + 81 + 100 + 152 + 172 \\
 524 &:= 1^4 + 2^9 + 9^1 + 16^0 + 23^0 = 14 + 29 + 91 + 160 + 230 & 524 &:= 2^0 + 2^0 + 11^2 + 17^0 + 20^2 = 20 + 20 + 112 + 170 + 202 \\
 524 &:= 1^4 + 2^9 + 9^1 + 17^0 + 22^0 = 14 + 29 + 91 + 170 + 220 & 524 &:= 2^0 + 2^8 + 3^5 + 21^0 + 23^1 = 20 + 28 + 35 + 210 + 231 \\
 524 &:= 1^4 + 2^9 + 9^1 + 18^0 + 21^0 = 14 + 29 + 91 + 180 + 210 & 524 &:= 2^0 + 3^0 + 11^2 + 16^0 + 20^2 = 20 + 30 + 112 + 160 + 202 \\
 524 &:= 1^4 + 2^9 + 9^1 + 19^0 + 20^0 = 14 + 29 + 91 + 190 + 200 & 524 &:= 2^0 + 4^0 + 11^2 + 15^0 + 20^2 = 20 + 40 + 112 + 150 + 202 \\
 524 &:= 1^4 + 3^5 + 4^4 + 20^0 + 23^1 = 14 + 35 + 44 + 200 + 231 & 524 &:= 2^0 + 5^0 + 11^2 + 14^0 + 20^2 = 20 + 50 + 112 + 140 + 202 \\
 524 &:= 1^5 + 1^5 + 11^2 + 18^0 + 20^2 = 15 + 15 + 112 + 180 + 202 & 524 &:= 2^0 + 6^0 + 11^2 + 13^0 + 20^2 = 20 + 60 + 112 + 130 + 202 \\
 524 &:= 1^5 + 2^5 + 7^2 + 20^0 + 21^2 = 15 + 25 + 72 + 200 + 212 & 524 &:= 2^0 + 6^0 + 8^3 + 9^1 + 27^0 = 20 + 60 + 83 + 91 + 270 \\
 524 &:= 1^5 + 2^6 + 10^0 + 17^1 + 21^2 = 15 + 26 + 100 + 171 + 212 & 524 &:= 2^0 + 7^0 + 11^2 + 12^0 + 20^2 = 20 + 70 + 112 + 120 + 202 \\
 524 &:= 1^5 + 3^4 + 6^3 + 15^2 + 26^0 = 15 + 34 + 63 + 152 + 260 & 524 &:= 2^0 + 7^0 + 8^3 + 9^1 + 26^0 = 20 + 70 + 83 + 91 + 260 \\
 524 &:= 1^6 + 2^5 + 6^1 + 20^0 + 22^2 = 16 + 25 + 61 + 200 + 222 & 524 &:= 2^0 + 8^0 + 11^0 + 11^2 + 20^2 = 20 + 80 + 110 + 112 + 202 \\
 524 &:= 1^6 + 3^5 + 8^0 + 16^2 + 23^1 = 16 + 35 + 80 + 162 + 231 & 524 &:= 2^0 + 8^0 + 8^3 + 9^1 + 25^0 = 20 + 80 + 83 + 91 + 250
 \end{aligned}$$

$$\begin{aligned}
 524 &:= 2^0 + 8^3 + 9^0 + 9^1 + 24^0 = 20 + 83 + 90 + 91 + 240 & 524 &:= 3^0 + 8^0 + 10^0 + 11^2 + 20^2 = 30 + 80 + 100 + 112 + 202 \\
 524 &:= 2^0 + 8^3 + 9^1 + 10^0 + 23^0 = 20 + 83 + 91 + 100 + 230 & 524 &:= 3^0 + 8^0 + 8^3 + 9^1 + 24^0 = 30 + 80 + 83 + 91 + 240 \\
 524 &:= 2^0 + 8^3 + 9^1 + 11^0 + 22^0 = 20 + 83 + 91 + 110 + 220 & 524 &:= 3^0 + 8^3 + 9^0 + 9^1 + 23^0 = 30 + 83 + 90 + 91 + 230 \\
 524 &:= 2^0 + 8^3 + 9^1 + 12^0 + 21^0 = 20 + 83 + 91 + 120 + 210 & 524 &:= 3^0 + 8^3 + 9^1 + 10^0 + 22^0 = 30 + 83 + 91 + 100 + 220 \\
 524 &:= 2^0 + 8^3 + 9^1 + 13^0 + 20^0 = 20 + 83 + 91 + 130 + 200 & 524 &:= 3^0 + 8^3 + 9^1 + 11^0 + 21^0 = 30 + 83 + 91 + 110 + 210 \\
 524 &:= 2^0 + 8^3 + 9^1 + 14^0 + 19^0 = 20 + 83 + 91 + 140 + 190 & 524 &:= 3^0 + 8^3 + 9^1 + 12^0 + 20^0 = 30 + 83 + 91 + 120 + 200 \\
 524 &:= 2^0 + 8^3 + 9^1 + 15^0 + 18^0 = 20 + 83 + 91 + 150 + 180 & 524 &:= 3^0 + 8^3 + 9^1 + 13^0 + 19^0 = 30 + 83 + 91 + 130 + 190 \\
 524 &:= 2^0 + 8^3 + 9^1 + 16^0 + 17^0 = 20 + 83 + 91 + 160 + 170 & 524 &:= 3^0 + 8^3 + 9^1 + 14^0 + 18^0 = 30 + 83 + 91 + 140 + 180 \\
 524 &:= 2^0 + 9^0 + 10^0 + 11^2 + 20^2 = 20 + 90 + 100 + 112 + 202 & 524 &:= 3^0 + 8^3 + 9^1 + 15^0 + 17^0 = 30 + 83 + 91 + 150 + 170 \\
 524 &:= 2^4 + 2^7 + 10^0 + 18^1 + 19^2 = 24 + 27 + 100 + 181 + 192 & 524 &:= 3^0 + 8^3 + 9^1 + 16^0 + 16^0 = 30 + 83 + 91 + 160 + 160 \\
 524 &:= 2^6 + 3^5 + 12^0 + 14^2 + 20^1 = 26 + 35 + 120 + 142 + 201 & 524 &:= 3^0 + 9^0 + 9^0 + 11^2 + 20^2 = 30 + 90 + 90 + 112 + 202 \\
 524 &:= 2^7 + 3^3 + 7^3 + 14^0 + 25^1 = 27 + 33 + 73 + 140 + 251 & 524 &:= 4^0 + 4^0 + 11^2 + 13^0 + 20^2 = 40 + 40 + 112 + 130 + 202 \\
 524 &:= 2^7 + 3^4 + 4^0 + 17^2 + 25^1 = 27 + 34 + 40 + 172 + 251 & 524 &:= 4^0 + 4^0 + 8^3 + 9^1 + 27^0 = 40 + 40 + 83 + 91 + 270 \\
 524 &:= 2^7 + 4^4 + 11^2 + 16^0 + 18^1 = 27 + 44 + 112 + 160 + 181 & 524 &:= 4^0 + 5^0 + 11^2 + 12^0 + 20^2 = 40 + 50 + 112 + 120 + 202 \\
 524 &:= 2^8 + 3^0 + 3^5 + 20^0 + 23^1 = 28 + 30 + 35 + 200 + 231 & 524 &:= 4^0 + 5^0 + 8^3 + 9^1 + 26^0 = 40 + 50 + 83 + 91 + 260 \\
 524 &:= 2^8 + 3^3 + 15^1 + 15^2 + 16^0 = 28 + 33 + 151 + 152 + 160 & 524 &:= 4^0 + 6^0 + 11^0 + 11^2 + 20^2 = 40 + 60 + 110 + 112 + 202 \\
 524 &:= 2^8 + 3^5 + 10^0 + 13^0 + 23^1 = 28 + 35 + 100 + 130 + 231 & 524 &:= 4^0 + 6^0 + 8^3 + 9^1 + 25^0 = 40 + 60 + 83 + 91 + 250 \\
 524 &:= 2^8 + 3^5 + 11^0 + 12^0 + 23^1 = 28 + 35 + 110 + 120 + 231 & 524 &:= 4^0 + 7^0 + 10^0 + 11^2 + 20^2 = 40 + 70 + 100 + 112 + 202 \\
 524 &:= 2^8 + 3^5 + 4^0 + 19^0 + 23^1 = 28 + 35 + 40 + 190 + 231 & 524 &:= 4^0 + 7^0 + 8^3 + 9^1 + 24^0 = 40 + 70 + 83 + 91 + 240 \\
 524 &:= 2^8 + 3^5 + 5^0 + 18^0 + 23^1 = 28 + 35 + 50 + 180 + 231 & 524 &:= 4^0 + 8^0 + 8^3 + 9^1 + 23^0 = 40 + 80 + 83 + 91 + 230 \\
 524 &:= 2^8 + 3^5 + 6^0 + 17^0 + 23^1 = 28 + 35 + 60 + 170 + 231 & 524 &:= 4^0 + 8^0 + 9^0 + 11^2 + 20^2 = 40 + 80 + 90 + 112 + 202 \\
 524 &:= 2^8 + 3^5 + 7^0 + 16^0 + 23^1 = 28 + 35 + 70 + 160 + 231 & 524 &:= 4^0 + 8^3 + 9^0 + 9^1 + 22^0 = 40 + 83 + 90 + 91 + 220 \\
 524 &:= 2^8 + 3^5 + 8^0 + 15^0 + 23^1 = 28 + 35 + 80 + 150 + 231 & 524 &:= 4^0 + 8^3 + 9^1 + 10^0 + 21^0 = 40 + 83 + 91 + 100 + 210 \\
 524 &:= 2^8 + 3^5 + 9^0 + 14^0 + 23^1 = 28 + 35 + 90 + 140 + 231 & 524 &:= 4^0 + 8^3 + 9^1 + 11^0 + 20^0 = 40 + 83 + 91 + 110 + 200 \\
 524 &:= 2^8 + 4^3 + 7^1 + 14^2 + 24^0 = 28 + 43 + 71 + 142 + 240 & 524 &:= 4^0 + 8^3 + 9^1 + 12^0 + 19^0 = 40 + 83 + 91 + 120 + 190 \\
 524 &:= 2^8 + 5^2 + 11^2 + 11^2 + 22^0 = 28 + 52 + 112 + 112 + 220 & 524 &:= 4^0 + 8^3 + 9^1 + 13^0 + 18^0 = 40 + 83 + 91 + 130 + 180 \\
 524 &:= 2^8 + 5^2 + 6^3 + 12^0 + 26^1 = 28 + 52 + 63 + 120 + 261 & 524 &:= 4^0 + 8^3 + 9^1 + 14^0 + 17^0 = 40 + 83 + 91 + 140 + 170 \\
 524 &:= 2^8 + 5^3 + 11^2 + 12^0 + 21^1 = 28 + 53 + 112 + 120 + 211 & 524 &:= 4^0 + 8^3 + 9^1 + 15^0 + 16^0 = 40 + 83 + 91 + 150 + 160 \\
 524 &:= 2^8 + 6^2 + 6^3 + 15^1 + 22^0 = 28 + 62 + 63 + 151 + 220 & 524 &:= 5^0 + 5^0 + 11^0 + 11^2 + 20^2 = 50 + 50 + 110 + 112 + 202 \\
 524 &:= 2^8 + 7^2 + 7^2 + 13^2 + 22^0 = 28 + 72 + 72 + 132 + 220 & 524 &:= 5^0 + 5^0 + 8^3 + 9^1 + 25^0 = 50 + 50 + 83 + 91 + 250 \\
 524 &:= 3^0 + 3^0 + 11^2 + 15^0 + 20^2 = 30 + 30 + 112 + 150 + 202 & 524 &:= 5^0 + 6^0 + 10^0 + 11^2 + 20^2 = 50 + 60 + 100 + 112 + 202 \\
 524 &:= 3^0 + 4^0 + 11^2 + 14^0 + 20^2 = 30 + 40 + 112 + 140 + 202 & 524 &:= 5^0 + 6^0 + 8^3 + 9^1 + 24^0 = 50 + 60 + 83 + 91 + 240 \\
 524 &:= 3^0 + 5^0 + 11^2 + 13^0 + 20^2 = 30 + 50 + 112 + 130 + 202 & 524 &:= 5^0 + 7^0 + 8^3 + 9^1 + 23^0 = 50 + 70 + 83 + 91 + 230 \\
 524 &:= 3^0 + 5^0 + 8^3 + 9^1 + 27^0 = 30 + 50 + 83 + 91 + 270 & 524 &:= 5^0 + 7^0 + 9^0 + 11^2 + 20^2 = 50 + 70 + 90 + 112 + 202 \\
 524 &:= 3^0 + 6^0 + 11^2 + 12^0 + 20^2 = 30 + 60 + 112 + 120 + 202 & 524 &:= 5^0 + 8^0 + 8^0 + 11^2 + 20^2 = 50 + 80 + 80 + 112 + 202 \\
 524 &:= 3^0 + 6^0 + 8^3 + 9^1 + 26^0 = 30 + 60 + 83 + 91 + 260 & 524 &:= 5^0 + 8^0 + 8^3 + 9^1 + 22^0 = 50 + 80 + 83 + 91 + 220 \\
 524 &:= 3^0 + 7^0 + 11^0 + 11^2 + 20^2 = 30 + 70 + 110 + 112 + 202 & 524 &:= 5^0 + 8^3 + 9^0 + 9^1 + 21^0 = 50 + 83 + 90 + 91 + 210 \\
 524 &:= 3^0 + 7^0 + 8^3 + 9^1 + 25^0 = 30 + 70 + 83 + 91 + 250 & 524 &:= 5^0 + 8^3 + 9^1 + 10^0 + 20^0 = 50 + 83 + 91 + 100 + 200
 \end{aligned}$$

$524 := 5^0 + 8^3 + 9^1 + 11^0 + 19^0$	$= 50 + 83 + 91 + 110 + 190$	$524 := 7^0 + 8^3 + 9^1 + 11^0 + 17^0$	$= 70 + 83 + 91 + 110 + 170$
$524 := 5^0 + 8^3 + 9^1 + 12^0 + 18^0$	$= 50 + 83 + 91 + 120 + 180$	$524 := 7^0 + 8^3 + 9^1 + 12^0 + 16^0$	$= 70 + 83 + 91 + 120 + 160$
$524 := 5^0 + 8^3 + 9^1 + 13^0 + 17^0$	$= 50 + 83 + 91 + 130 + 170$	$524 := 7^0 + 8^3 + 9^1 + 13^0 + 15^0$	$= 70 + 83 + 91 + 130 + 150$
$524 := 5^0 + 8^3 + 9^1 + 14^0 + 16^0$	$= 50 + 83 + 91 + 140 + 160$	$524 := 7^0 + 8^3 + 9^1 + 14^0 + 14^0$	$= 70 + 83 + 91 + 140 + 140$
$524 := 5^0 + 8^3 + 9^1 + 15^0 + 15^0$	$= 50 + 83 + 91 + 150 + 150$	$524 := 8^0 + 8^0 + 8^3 + 9^1 + 19^0$	$= 80 + 80 + 83 + 91 + 190$
$524 := 6^0 + 6^0 + 8^3 + 9^1 + 23^0$	$= 60 + 60 + 83 + 91 + 230$	$524 := 8^0 + 8^3 + 9^0 + 9^1 + 18^0$	$= 80 + 83 + 90 + 91 + 180$
$524 := 6^0 + 6^0 + 9^0 + 11^2 + 20^2$	$= 60 + 60 + 90 + 112 + 202$	$524 := 8^0 + 8^3 + 9^1 + 10^0 + 17^0$	$= 80 + 83 + 91 + 100 + 170$
$524 := 6^0 + 7^0 + 8^0 + 11^2 + 20^2$	$= 60 + 70 + 80 + 112 + 202$	$524 := 8^0 + 8^3 + 9^1 + 11^0 + 16^0$	$= 80 + 83 + 91 + 110 + 160$
$524 := 6^0 + 7^0 + 8^3 + 9^1 + 22^0$	$= 60 + 70 + 83 + 91 + 220$	$524 := 8^0 + 8^3 + 9^1 + 12^0 + 15^0$	$= 80 + 83 + 91 + 120 + 150$
$524 := 6^0 + 8^0 + 8^3 + 9^1 + 21^0$	$= 60 + 80 + 83 + 91 + 210$	$524 := 8^0 + 8^3 + 9^1 + 13^0 + 14^0$	$= 80 + 83 + 91 + 130 + 140$
$524 := 6^0 + 8^3 + 9^0 + 9^1 + 20^0$	$= 60 + 83 + 90 + 91 + 200$	$524 := 8^3 + 9^0 + 9^0 + 9^1 + 17^0$	$= 83 + 90 + 90 + 91 + 170$
$524 := 6^0 + 8^3 + 9^1 + 10^0 + 19^0$	$= 60 + 83 + 91 + 100 + 190$	$524 := 8^3 + 9^0 + 9^1 + 10^0 + 16^0$	$= 83 + 90 + 91 + 100 + 160$
$524 := 6^0 + 8^3 + 9^1 + 11^0 + 18^0$	$= 60 + 83 + 91 + 110 + 180$	$524 := 8^3 + 9^0 + 9^1 + 11^0 + 15^0$	$= 83 + 90 + 91 + 110 + 150$
$524 := 6^0 + 8^3 + 9^1 + 12^0 + 17^0$	$= 60 + 83 + 91 + 120 + 170$	$524 := 8^3 + 9^0 + 9^1 + 12^0 + 14^0$	$= 83 + 90 + 91 + 120 + 140$
$524 := 6^0 + 8^3 + 9^1 + 13^0 + 16^0$	$= 60 + 83 + 91 + 130 + 160$	$524 := 8^3 + 9^0 + 9^1 + 13^0 + 13^0$	$= 83 + 90 + 91 + 130 + 130$
$524 := 6^0 + 8^3 + 9^1 + 14^0 + 15^0$	$= 60 + 83 + 91 + 140 + 150$	$524 := 8^3 + 9^1 + 10^0 + 10^0 + 15^0$	$= 83 + 91 + 100 + 100 + 150$
$524 := 7^0 + 7^0 + 7^0 + 11^2 + 20^2$	$= 70 + 70 + 70 + 112 + 202$	$524 := 8^3 + 9^1 + 10^0 + 11^0 + 14^0$	$= 83 + 91 + 100 + 110 + 140$
$524 := 7^0 + 7^0 + 8^3 + 9^1 + 21^0$	$= 70 + 70 + 83 + 91 + 210$	$524 := 8^3 + 9^1 + 10^0 + 12^0 + 13^0$	$= 83 + 91 + 100 + 120 + 130$
$524 := 7^0 + 8^0 + 8^3 + 9^1 + 20^0$	$= 70 + 80 + 83 + 91 + 200$	$524 := 8^3 + 9^1 + 11^0 + 11^0 + 13^0$	$= 83 + 91 + 110 + 110 + 130$
$524 := 7^0 + 8^3 + 9^0 + 9^1 + 19^0$	$= 70 + 83 + 90 + 91 + 190$	$524 := 8^3 + 9^1 + 11^0 + 12^0 + 12^0$	$= 83 + 91 + 110 + 120 + 120$
$524 := 7^0 + 8^3 + 9^1 + 10^0 + 18^0$	$= 70 + 83 + 91 + 100 + 180$		

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$525 := 1^1 + 8^3 + 11^1 + 32^0$	$= 11 + 83 + 111 + 320$	$525 := 5^1 + 7^1 + 8^3 + 32^0$	$= 51 + 71 + 83 + 320$
$525 := 1^5 + 2^9 + 11^1 + 37^0$	$= 15 + 29 + 111 + 370$	$525 := 5^2 + 10^0 + 15^1 + 22^2$	$= 52 + 100 + 151 + 222$
$525 := 10^0 + 10^1 + 15^2 + 17^2$	$= 100 + 101 + 152 + 172$	$525 := 6^1 + 6^1 + 8^3 + 32^0$	$= 61 + 61 + 83 + 320$
$525 := 2^0 + 12^2 + 19^1 + 19^2$	$= 20 + 122 + 191 + 192$	$525 := 8^0 + 12^1 + 16^2 + 16^2$	$= 80 + 121 + 162 + 162$
$525 := 2^0 + 4^2 + 22^2 + 24^1$	$= 20 + 42 + 222 + 241$	$525 := 1^0 + 1^1 + 9^2 + 20^0 + 21^2$	$= 10 + 11 + 92 + 200 + 212$
$525 := 2^1 + 8^3 + 10^1 + 32^0$	$= 21 + 83 + 101 + 320$	$525 := 1^0 + 1^9 + 3^4 + 21^2 + 25^0$	$= 10 + 19 + 34 + 212 + 250$
$525 := 2^1 + 9^2 + 20^0 + 21^2$	$= 21 + 92 + 200 + 212$	$525 := 1^0 + 2^0 + 12^2 + 18^1 + 19^2$	$= 10 + 20 + 122 + 181 + 192$
$525 := 2^8 + 3^5 + 5^2 + 41^0$	$= 28 + 35 + 52 + 410$	$525 := 1^0 + 2^0 + 4^2 + 22^2 + 23^1$	$= 10 + 20 + 42 + 222 + 231$
$525 := 3^1 + 11^2 + 18^0 + 20^2$	$= 31 + 112 + 180 + 202$	$525 := 1^0 + 2^1 + 11^2 + 18^0 + 20^2$	$= 10 + 21 + 112 + 180 + 202$
$525 := 3^1 + 8^3 + 9^1 + 32^0$	$= 31 + 83 + 91 + 320$	$525 := 1^0 + 3^1 + 14^2 + 16^0 + 18^2$	$= 10 + 31 + 142 + 160 + 182$
$525 := 4^0 + 8^2 + 19^1 + 21^2$	$= 40 + 82 + 191 + 212$	$525 := 1^0 + 3^1 + 6^2 + 20^0 + 22^2$	$= 10 + 31 + 62 + 200 + 222$
$525 := 4^1 + 14^2 + 16^0 + 18^2$	$= 41 + 142 + 160 + 182$	$525 := 1^0 + 4^0 + 8^2 + 18^1 + 21^2$	$= 10 + 40 + 82 + 181 + 212$
$525 := 4^1 + 6^2 + 20^0 + 22^2$	$= 41 + 62 + 200 + 222$	$525 := 1^0 + 5^2 + 10^0 + 14^1 + 22^2$	$= 10 + 52 + 100 + 141 + 222$
$525 := 4^1 + 8^1 + 8^3 + 32^0$	$= 41 + 81 + 83 + 320$	$525 := 1^0 + 8^0 + 11^1 + 16^2 + 16^2$	$= 10 + 80 + 111 + 162 + 162$

$$\begin{aligned}
 525 &:= 1^0 + 9^1 + 10^0 + 15^2 + 17^2 = 10 + 91 + 100 + 152 + 172 \\
 525 &:= 1^1 + 1^8 + 3^4 + 21^2 + 25^0 = 11 + 18 + 34 + 212 + 250 \\
 525 &:= 1^1 + 1^9 + 12^2 + 18^1 + 19^2 = 11 + 19 + 122 + 181 + 192 \\
 525 &:= 1^1 + 1^9 + 4^2 + 22^2 + 23^1 = 11 + 19 + 42 + 222 + 231 \\
 525 &:= 1^1 + 2^0 + 9^2 + 19^0 + 21^2 = 11 + 20 + 92 + 190 + 212 \\
 525 &:= 1^1 + 2^8 + 3^5 + 21^0 + 24^1 = 11 + 28 + 35 + 210 + 241 \\
 525 &:= 1^1 + 3^0 + 9^2 + 18^0 + 21^2 = 11 + 30 + 92 + 180 + 212 \\
 525 &:= 1^1 + 4^0 + 9^2 + 17^0 + 21^2 = 11 + 40 + 92 + 170 + 212 \\
 525 &:= 1^1 + 5^0 + 9^2 + 16^0 + 21^2 = 11 + 50 + 92 + 160 + 212 \\
 525 &:= 1^1 + 6^0 + 8^3 + 10^1 + 27^0 = 11 + 60 + 83 + 101 + 270 \\
 525 &:= 1^1 + 6^0 + 9^2 + 15^0 + 21^2 = 11 + 60 + 92 + 150 + 212 \\
 525 &:= 1^1 + 7^0 + 8^3 + 10^1 + 26^0 = 11 + 70 + 83 + 101 + 260 \\
 525 &:= 1^1 + 7^0 + 9^2 + 14^0 + 21^2 = 11 + 70 + 92 + 140 + 212 \\
 525 &:= 1^1 + 8^0 + 8^3 + 10^1 + 25^0 = 11 + 80 + 83 + 101 + 250 \\
 525 &:= 1^1 + 8^0 + 9^2 + 13^0 + 21^2 = 11 + 80 + 92 + 130 + 212 \\
 525 &:= 1^1 + 8^3 + 10^0 + 10^1 + 23^0 = 11 + 83 + 100 + 101 + 230 \\
 525 &:= 1^1 + 8^3 + 10^1 + 11^0 + 22^0 = 11 + 83 + 101 + 110 + 220 \\
 525 &:= 1^1 + 8^3 + 10^1 + 12^0 + 21^0 = 11 + 83 + 101 + 120 + 210 \\
 525 &:= 1^1 + 8^3 + 10^1 + 13^0 + 20^0 = 11 + 83 + 101 + 130 + 200 \\
 525 &:= 1^1 + 8^3 + 10^1 + 14^0 + 19^0 = 11 + 83 + 101 + 140 + 190 \\
 525 &:= 1^1 + 8^3 + 10^1 + 15^0 + 18^0 = 11 + 83 + 101 + 150 + 180 \\
 525 &:= 1^1 + 8^3 + 10^1 + 16^0 + 17^0 = 11 + 83 + 101 + 160 + 170 \\
 525 &:= 1^1 + 8^3 + 9^0 + 10^1 + 24^0 = 11 + 83 + 90 + 101 + 240 \\
 525 &:= 1^1 + 9^0 + 9^2 + 12^0 + 21^2 = 11 + 90 + 92 + 120 + 212 \\
 525 &:= 1^1 + 9^2 + 10^0 + 11^0 + 21^2 = 11 + 92 + 100 + 110 + 212 \\
 525 &:= 1^2 + 1^7 + 3^4 + 21^2 + 25^0 = 12 + 17 + 34 + 212 + 250 \\
 525 &:= 1^2 + 1^8 + 12^2 + 18^1 + 19^2 = 12 + 18 + 122 + 181 + 192 \\
 525 &:= 1^2 + 1^8 + 4^2 + 22^2 + 23^1 = 12 + 18 + 42 + 222 + 231 \\
 525 &:= 1^2 + 1^9 + 9^2 + 19^0 + 21^2 = 12 + 19 + 92 + 190 + 212 \\
 525 &:= 1^2 + 2^3 + 2^7 + 19^2 + 27^1 = 12 + 23 + 27 + 192 + 271 \\
 525 &:= 1^2 + 2^8 + 11^2 + 11^2 + 26^1 = 12 + 28 + 112 + 112 + 261 \\
 525 &:= 1^3 + 1^6 + 3^4 + 21^2 + 25^0 = 13 + 16 + 34 + 212 + 250 \\
 525 &:= 1^3 + 1^7 + 12^2 + 18^1 + 19^2 = 13 + 17 + 122 + 181 + 192 \\
 525 &:= 1^3 + 1^7 + 4^2 + 22^2 + 23^1 = 13 + 17 + 42 + 222 + 231 \\
 525 &:= 1^3 + 1^8 + 9^2 + 19^0 + 21^2 = 13 + 18 + 92 + 190 + 212 \\
 525 &:= 1^3 + 2^7 + 3^2 + 19^2 + 26^1 = 13 + 27 + 32 + 192 + 261 \\
 525 &:= 1^3 + 2^7 + 7^2 + 18^2 + 23^1 = 13 + 27 + 72 + 182 + 231 \\
 525 &:= 1^4 + 1^5 + 3^4 + 21^2 + 25^0 = 14 + 15 + 34 + 212 + 250
 \end{aligned}$$

$$\begin{aligned}
 525 &:= 1^4 + 1^6 + 12^2 + 18^1 + 19^2 = 14 + 16 + 122 + 181 + 192 \\
 525 &:= 1^4 + 1^6 + 4^2 + 22^2 + 23^1 = 14 + 16 + 42 + 222 + 231 \\
 525 &:= 1^4 + 1^7 + 9^2 + 19^0 + 21^2 = 14 + 17 + 92 + 190 + 212 \\
 525 &:= 1^4 + 2^5 + 3^3 + 21^2 + 24^1 = 14 + 25 + 33 + 212 + 241 \\
 525 &:= 1^4 + 2^8 + 11^1 + 16^2 + 21^0 = 14 + 28 + 111 + 162 + 210 \\
 525 &:= 1^5 + 1^5 + 12^2 + 18^1 + 19^2 = 15 + 15 + 122 + 181 + 192 \\
 525 &:= 1^5 + 1^5 + 4^2 + 22^2 + 23^1 = 15 + 15 + 42 + 222 + 231 \\
 525 &:= 1^5 + 1^6 + 9^2 + 19^0 + 21^2 = 15 + 16 + 92 + 190 + 212 \\
 525 &:= 1^5 + 2^9 + 10^1 + 11^0 + 27^0 = 15 + 29 + 101 + 110 + 270 \\
 525 &:= 1^5 + 2^9 + 10^1 + 12^0 + 26^0 = 15 + 29 + 101 + 120 + 260 \\
 525 &:= 1^5 + 2^9 + 10^1 + 13^0 + 25^0 = 15 + 29 + 101 + 130 + 250 \\
 525 &:= 1^5 + 2^9 + 10^1 + 14^0 + 24^0 = 15 + 29 + 101 + 140 + 240 \\
 525 &:= 1^5 + 2^9 + 10^1 + 15^0 + 23^0 = 15 + 29 + 101 + 150 + 230 \\
 525 &:= 1^5 + 2^9 + 10^1 + 16^0 + 22^0 = 15 + 29 + 101 + 160 + 220 \\
 525 &:= 1^5 + 2^9 + 10^1 + 17^0 + 21^0 = 15 + 29 + 101 + 170 + 210 \\
 525 &:= 1^5 + 2^9 + 10^1 + 18^0 + 20^0 = 15 + 29 + 101 + 180 + 200 \\
 525 &:= 1^5 + 2^9 + 10^1 + 19^0 + 19^0 = 15 + 29 + 101 + 190 + 190 \\
 525 &:= 1^5 + 3^4 + 3^4 + 19^2 + 25^0 = 15 + 34 + 34 + 192 + 250 \\
 525 &:= 1^5 + 3^5 + 4^4 + 19^0 + 24^1 = 15 + 35 + 44 + 190 + 241 \\
 525 &:= 1^6 + 2^3 + 2^3 + 22^2 + 24^1 = 16 + 23 + 23 + 222 + 241 \\
 525 &:= 1^6 + 2^6 + 9^0 + 18^1 + 21^2 = 16 + 26 + 90 + 181 + 212 \\
 525 &:= 1^6 + 3^3 + 6^3 + 16^2 + 25^1 = 16 + 33 + 63 + 162 + 251 \\
 525 &:= 1^6 + 3^4 + 10^2 + 18^2 + 19^1 = 16 + 34 + 102 + 182 + 191 \\
 525 &:= 1^6 + 3^4 + 13^2 + 16^2 + 18^1 = 16 + 34 + 132 + 162 + 181 \\
 525 &:= 1^6 + 4^2 + 4^4 + 15^2 + 27^1 = 16 + 42 + 44 + 152 + 271 \\
 525 &:= 1^6 + 4^4 + 10^2 + 12^2 + 24^1 = 16 + 44 + 102 + 122 + 241 \\
 525 &:= 1^7 + 2^3 + 3^2 + 22^2 + 23^1 = 17 + 23 + 32 + 222 + 231 \\
 525 &:= 1^7 + 2^5 + 7^1 + 19^0 + 22^2 = 17 + 25 + 71 + 190 + 222 \\
 525 &:= 1^7 + 3^3 + 15^2 + 16^1 + 16^2 = 17 + 33 + 152 + 161 + 162 \\
 525 &:= 1^7 + 3^3 + 6^2 + 20^1 + 21^2 = 17 + 33 + 62 + 201 + 212 \\
 525 &:= 1^7 + 3^4 + 9^2 + 19^0 + 19^2 = 17 + 34 + 92 + 190 + 192 \\
 525 &:= 1^7 + 3^5 + 7^0 + 16^2 + 24^1 = 17 + 35 + 70 + 162 + 241 \\
 525 &:= 1^7 + 4^2 + 5^3 + 19^2 + 22^1 = 17 + 42 + 53 + 192 + 221 \\
 525 &:= 1^7 + 4^3 + 9^2 + 18^1 + 19^2 = 17 + 43 + 92 + 181 + 192 \\
 525 &:= 1^7 + 6^3 + 12^2 + 12^2 + 20^1 = 17 + 63 + 122 + 122 + 201 \\
 525 &:= 1^8 + 11^1 + 11^2 + 14^2 + 14^2 = 18 + 111 + 112 + 142 + 142 \\
 525 &:= 1^8 + 11^1 + 12^2 + 12^2 + 15^2 = 18 + 111 + 122 + 122 + 152 \\
 525 &:= 1^8 + 2^4 + 3^0 + 22^2 + 23^1 = 18 + 24 + 30 + 222 + 231
 \end{aligned}$$

$$\begin{aligned}
 525 &:= 1^8 + 3^2 + 3^2 + 22^1 + 22^2 = 18 + 32 + 32 + 221 + 222 & 525 &:= 1^9 + 6^3 + 9^0 + 17^2 + 18^1 = 19 + 63 + 90 + 172 + 181 \\
 525 &:= 1^8 + 4^2 + 13^2 + 15^1 + 18^2 = 18 + 42 + 132 + 151 + 182 & 525 &:= 1^9 + 7^1 + 12^1 + 12^2 + 19^2 = 19 + 71 + 121 + 122 + 192 \\
 525 &:= 1^8 + 4^2 + 7^2 + 18^1 + 21^2 = 18 + 42 + 72 + 181 + 212 & 525 &:= 1^9 + 7^3 + 11^1 + 13^2 + 19^0 = 19 + 73 + 111 + 132 + 190 \\
 525 &:= 1^8 + 4^4 + 11^1 + 16^2 + 19^0 = 18 + 44 + 111 + 162 + 190 & 525 &:= 1^9 + 8^1 + 11^1 + 12^2 + 19^2 = 19 + 81 + 111 + 122 + 192 \\
 525 &:= 1^8 + 5^2 + 14^1 + 14^2 + 17^2 = 18 + 52 + 141 + 142 + 172 & 525 &:= 1^9 + 9^1 + 10^1 + 12^2 + 19^2 = 19 + 91 + 101 + 122 + 192 \\
 525 &:= 1^8 + 6^2 + 7^3 + 12^2 + 25^0 = 18 + 62 + 73 + 122 + 250 & 525 &:= 1^9 + 9^2 + 9^2 + 13^0 + 19^2 = 19 + 92 + 92 + 130 + 192 \\
 525 &:= 1^8 + 7^2 + 10^2 + 14^1 + 19^2 = 18 + 72 + 102 + 141 + 192 & 525 &:= 2^0 + 2^1 + 11^2 + 17^0 + 20^2 = 20 + 21 + 112 + 170 + 202 \\
 525 &:= 1^9 + 2^0 + 3^4 + 21^2 + 24^0 = 19 + 20 + 34 + 212 + 240 & 525 &:= 2^0 + 3^0 + 8^2 + 18^1 + 21^2 = 20 + 30 + 82 + 181 + 212 \\
 525 &:= 1^9 + 2^1 + 12^2 + 17^1 + 19^2 = 19 + 21 + 122 + 171 + 192 & 525 &:= 2^0 + 3^1 + 14^2 + 15^0 + 18^2 = 20 + 31 + 142 + 150 + 182 \\
 525 &:= 1^9 + 2^1 + 4^2 + 22^1 + 22^2 = 19 + 21 + 42 + 221 + 222 & 525 &:= 2^0 + 3^1 + 6^2 + 19^0 + 22^2 = 20 + 31 + 62 + 190 + 222 \\
 525 &:= 1^9 + 3^0 + 3^4 + 21^2 + 23^0 = 19 + 30 + 34 + 212 + 230 & 525 &:= 2^0 + 5^2 + 9^0 + 14^1 + 22^2 = 20 + 52 + 90 + 141 + 222 \\
 525 &:= 1^9 + 3^1 + 12^2 + 16^1 + 19^2 = 19 + 31 + 122 + 161 + 192 & 525 &:= 2^0 + 7^0 + 11^1 + 16^2 + 16^2 = 20 + 70 + 111 + 162 + 162 \\
 525 &:= 1^9 + 3^1 + 4^2 + 21^1 + 22^2 = 19 + 31 + 42 + 211 + 222 & 525 &:= 2^0 + 9^0 + 9^1 + 15^2 + 17^2 = 20 + 90 + 91 + 152 + 172 \\
 525 &:= 1^9 + 3^2 + 15^0 + 15^2 + 17^2 = 19 + 32 + 150 + 152 + 172 & 525 &:= 2^1 + 2^8 + 3^5 + 21^0 + 23^1 = 21 + 28 + 35 + 210 + 231 \\
 525 &:= 1^9 + 3^3 + 12^1 + 13^0 + 22^2 = 19 + 33 + 121 + 130 + 222 & 525 &:= 2^1 + 3^0 + 11^2 + 16^0 + 20^2 = 21 + 30 + 112 + 160 + 202 \\
 525 &:= 1^9 + 3^4 + 10^0 + 16^0 + 21^2 = 19 + 34 + 100 + 160 + 212 & 525 &:= 2^1 + 4^0 + 11^2 + 15^0 + 20^2 = 21 + 40 + 112 + 150 + 202 \\
 525 &:= 1^9 + 3^4 + 11^0 + 15^0 + 21^2 = 19 + 34 + 110 + 150 + 212 & 525 &:= 2^1 + 5^0 + 11^2 + 14^0 + 20^2 = 21 + 50 + 112 + 140 + 202 \\
 525 &:= 1^9 + 3^4 + 12^0 + 14^0 + 21^2 = 19 + 34 + 120 + 140 + 212 & 525 &:= 2^1 + 6^0 + 11^2 + 13^0 + 20^2 = 21 + 60 + 112 + 130 + 202 \\
 525 &:= 1^9 + 3^4 + 13^0 + 13^0 + 21^2 = 19 + 34 + 130 + 130 + 212 & 525 &:= 2^1 + 6^0 + 8^3 + 9^1 + 27^0 = 21 + 60 + 83 + 91 + 270 \\
 525 &:= 1^9 + 3^4 + 4^0 + 21^2 + 22^0 = 19 + 34 + 40 + 212 + 220 & 525 &:= 2^1 + 7^0 + 11^2 + 12^0 + 20^2 = 21 + 70 + 112 + 120 + 202 \\
 525 &:= 1^9 + 3^4 + 5^0 + 21^0 + 21^2 = 19 + 34 + 50 + 210 + 212 & 525 &:= 2^1 + 7^0 + 8^3 + 9^1 + 26^0 = 21 + 70 + 83 + 91 + 260 \\
 525 &:= 1^9 + 3^4 + 6^0 + 20^0 + 21^2 = 19 + 34 + 60 + 200 + 212 & 525 &:= 2^1 + 8^0 + 11^0 + 11^2 + 20^2 = 21 + 80 + 110 + 112 + 202 \\
 525 &:= 1^9 + 3^4 + 7^0 + 19^0 + 21^2 = 19 + 34 + 70 + 190 + 212 & 525 &:= 2^1 + 8^0 + 8^3 + 9^1 + 25^0 = 21 + 80 + 83 + 91 + 250 \\
 525 &:= 1^9 + 3^4 + 8^0 + 18^0 + 21^2 = 19 + 34 + 80 + 180 + 212 & 525 &:= 2^1 + 8^3 + 9^0 + 9^1 + 24^0 = 21 + 83 + 90 + 91 + 240 \\
 525 &:= 1^9 + 3^4 + 9^0 + 17^0 + 21^2 = 19 + 34 + 90 + 170 + 212 & 525 &:= 2^1 + 8^3 + 9^1 + 10^0 + 23^0 = 21 + 83 + 91 + 100 + 230 \\
 525 &:= 1^9 + 4^1 + 12^2 + 15^1 + 19^2 = 19 + 41 + 122 + 151 + 192 & 525 &:= 2^1 + 8^3 + 9^1 + 11^0 + 22^0 = 21 + 83 + 91 + 110 + 220 \\
 525 &:= 1^9 + 4^1 + 4^2 + 20^1 + 22^2 = 19 + 41 + 42 + 201 + 222 & 525 &:= 2^1 + 8^3 + 9^1 + 12^0 + 21^0 = 21 + 83 + 91 + 120 + 210 \\
 525 &:= 1^9 + 4^2 + 10^1 + 14^1 + 22^2 = 19 + 42 + 101 + 141 + 222 & 525 &:= 2^1 + 8^3 + 9^1 + 13^0 + 20^0 = 21 + 83 + 91 + 130 + 200 \\
 525 &:= 1^9 + 4^2 + 11^1 + 13^1 + 22^2 = 19 + 42 + 111 + 131 + 222 & 525 &:= 2^1 + 8^3 + 9^1 + 14^0 + 19^0 = 21 + 83 + 91 + 140 + 190 \\
 525 &:= 1^9 + 4^2 + 12^1 + 12^1 + 22^2 = 19 + 42 + 121 + 121 + 222 & 525 &:= 2^1 + 8^3 + 9^1 + 15^0 + 18^0 = 21 + 83 + 91 + 150 + 180 \\
 525 &:= 1^9 + 4^2 + 5^1 + 19^1 + 22^2 = 19 + 42 + 51 + 191 + 222 & 525 &:= 2^1 + 8^3 + 9^1 + 16^0 + 17^0 = 21 + 83 + 91 + 160 + 170 \\
 525 &:= 1^9 + 4^2 + 6^1 + 18^1 + 22^2 = 19 + 42 + 61 + 181 + 222 & 525 &:= 2^1 + 9^0 + 10^0 + 11^2 + 20^2 = 21 + 90 + 100 + 112 + 202 \\
 525 &:= 1^9 + 4^2 + 7^1 + 17^1 + 22^2 = 19 + 42 + 71 + 171 + 222 & 525 &:= 2^3 + 2^7 + 12^2 + 15^2 + 20^1 = 23 + 27 + 122 + 152 + 201 \\
 525 &:= 1^9 + 4^2 + 8^1 + 16^1 + 22^2 = 19 + 42 + 81 + 161 + 222 & 525 &:= 2^3 + 2^7 + 3^3 + 19^2 + 25^0 = 23 + 27 + 33 + 192 + 250 \\
 525 &:= 1^9 + 4^2 + 9^1 + 15^1 + 22^2 = 19 + 42 + 91 + 151 + 222 & 525 &:= 2^3 + 2^7 + 4^3 + 18^2 + 25^0 = 23 + 27 + 43 + 182 + 250 \\
 525 &:= 1^9 + 4^3 + 7^0 + 18^1 + 21^2 = 19 + 43 + 70 + 181 + 212 & 525 &:= 2^3 + 2^8 + 8^2 + 14^2 + 25^0 = 23 + 28 + 82 + 142 + 250 \\
 525 &:= 1^9 + 5^1 + 12^2 + 14^1 + 19^2 = 19 + 51 + 122 + 141 + 192 & 525 &:= 2^4 + 2^6 + 8^2 + 19^2 + 20^1 = 24 + 26 + 82 + 192 + 201 \\
 525 &:= 1^9 + 6^1 + 12^2 + 13^1 + 19^2 = 19 + 61 + 122 + 131 + 192 & 525 &:= 2^4 + 2^8 + 5^0 + 15^2 + 27^1 = 24 + 28 + 50 + 152 + 271
 \end{aligned}$$

$$\begin{aligned}
 525 &:= 2^4 + 3^5 + 3^5 + 21^0 + 22^1 = 24 + 35 + 35 + 210 + 221 & 525 &:= 3^1 + 6^2 + 10^0 + 11^0 + 22^2 = 31 + 62 + 100 + 110 + 222 \\
 525 &:= 2^5 + 2^5 + 9^2 + 19^1 + 19^2 = 25 + 25 + 92 + 191 + 192 & 525 &:= 3^1 + 6^2 + 7^0 + 14^0 + 22^2 = 31 + 62 + 70 + 140 + 222 \\
 525 &:= 2^5 + 2^7 + 3^1 + 19^2 + 25^0 = 25 + 27 + 31 + 192 + 250 & 525 &:= 3^1 + 6^2 + 8^0 + 13^0 + 22^2 = 31 + 62 + 80 + 130 + 222 \\
 525 &:= 2^5 + 3^3 + 3^4 + 19^2 + 24^1 = 25 + 33 + 34 + 192 + 241 & 525 &:= 3^1 + 6^2 + 9^0 + 12^0 + 22^2 = 31 + 62 + 90 + 120 + 222 \\
 525 &:= 2^5 + 3^4 + 4^3 + 18^2 + 24^1 = 25 + 34 + 43 + 182 + 241 & 525 &:= 3^1 + 7^0 + 10^0 + 14^2 + 18^2 = 31 + 70 + 100 + 142 + 182 \\
 525 &:= 2^5 + 3^4 + 6^3 + 13^2 + 27^1 = 25 + 34 + 63 + 132 + 271 & 525 &:= 3^1 + 7^0 + 8^1 + 8^3 + 26^0 = 31 + 70 + 81 + 83 + 260 \\
 525 &:= 2^5 + 3^5 + 9^2 + 12^2 + 25^1 = 25 + 35 + 92 + 122 + 251 & 525 &:= 3^1 + 8^0 + 8^1 + 8^3 + 25^0 = 31 + 80 + 81 + 83 + 250 \\
 525 &:= 2^7 + 3^5 + 9^1 + 12^2 + 25^0 = 27 + 35 + 91 + 122 + 250 & 525 &:= 3^1 + 8^0 + 9^0 + 14^2 + 18^2 = 31 + 80 + 90 + 142 + 182 \\
 525 &:= 2^7 + 4^3 + 12^2 + 13^2 + 20^1 = 27 + 43 + 122 + 132 + 201 & 525 &:= 3^1 + 8^1 + 8^3 + 10^0 + 23^0 = 31 + 81 + 83 + 100 + 230 \\
 525 &:= 2^7 + 4^4 + 5^3 + 15^1 + 25^0 = 27 + 44 + 53 + 151 + 250 & 525 &:= 3^1 + 8^1 + 8^3 + 11^0 + 22^0 = 31 + 81 + 83 + 110 + 220 \\
 525 &:= 2^7 + 5^3 + 9^2 + 13^2 + 22^1 = 27 + 53 + 92 + 132 + 221 & 525 &:= 3^1 + 8^1 + 8^3 + 12^0 + 21^0 = 31 + 81 + 83 + 120 + 210 \\
 525 &:= 2^8 + 3^1 + 3^5 + 21^0 + 22^1 = 28 + 31 + 35 + 210 + 221 & 525 &:= 3^1 + 8^1 + 8^3 + 13^0 + 20^0 = 31 + 81 + 83 + 130 + 200 \\
 525 &:= 2^8 + 3^3 + 4^2 + 15^2 + 27^0 = 28 + 33 + 42 + 152 + 270 & 525 &:= 3^1 + 8^1 + 8^3 + 14^0 + 19^0 = 31 + 81 + 83 + 140 + 190 \\
 525 &:= 2^8 + 3^3 + 6^3 + 15^0 + 25^1 = 28 + 33 + 63 + 150 + 251 & 525 &:= 3^1 + 8^1 + 8^3 + 15^0 + 18^0 = 31 + 81 + 83 + 150 + 180 \\
 525 &:= 2^8 + 3^4 + 13^2 + 15^0 + 18^1 = 28 + 34 + 132 + 150 + 181 & 525 &:= 3^1 + 8^1 + 8^3 + 16^0 + 17^0 = 31 + 81 + 83 + 160 + 170 \\
 525 &:= 2^8 + 3^5 + 10^1 + 15^1 + 21^0 = 28 + 35 + 101 + 151 + 210 & 525 &:= 3^1 + 8^1 + 8^3 + 9^0 + 24^0 = 31 + 81 + 83 + 90 + 240 \\
 525 &:= 2^8 + 3^5 + 11^1 + 14^1 + 21^0 = 28 + 35 + 111 + 141 + 210 & 525 &:= 3^4 + 3^4 + 3^4 + 16^2 + 26^1 = 34 + 34 + 34 + 162 + 261 \\
 525 &:= 2^8 + 3^5 + 12^1 + 13^1 + 21^0 = 28 + 35 + 121 + 131 + 210 & 525 &:= 4^0 + 5^0 + 11^1 + 16^2 + 16^2 = 40 + 50 + 111 + 162 + 162 \\
 525 &:= 2^8 + 3^5 + 4^1 + 21^0 + 21^1 = 28 + 35 + 41 + 210 + 211 & 525 &:= 4^0 + 5^2 + 7^0 + 14^1 + 22^2 = 40 + 52 + 70 + 141 + 222 \\
 525 &:= 2^8 + 3^5 + 5^1 + 20^1 + 21^0 = 28 + 35 + 51 + 201 + 210 & 525 &:= 4^0 + 7^0 + 9^1 + 15^2 + 17^2 = 40 + 70 + 91 + 152 + 172 \\
 525 &:= 2^8 + 3^5 + 6^1 + 19^1 + 21^0 = 28 + 35 + 61 + 191 + 210 & 525 &:= 4^1 + 6^0 + 7^1 + 8^3 + 27^0 = 41 + 60 + 71 + 83 + 270 \\
 525 &:= 2^8 + 3^5 + 7^1 + 18^1 + 21^0 = 28 + 35 + 71 + 181 + 210 & 525 &:= 4^1 + 7^0 + 7^1 + 8^3 + 26^0 = 41 + 70 + 71 + 83 + 260 \\
 525 &:= 2^8 + 3^5 + 8^1 + 17^1 + 21^0 = 28 + 35 + 81 + 171 + 210 & 525 &:= 4^1 + 7^1 + 8^0 + 8^3 + 25^0 = 41 + 71 + 80 + 83 + 250 \\
 525 &:= 2^8 + 3^5 + 9^1 + 16^1 + 21^0 = 28 + 35 + 91 + 161 + 210 & 525 &:= 4^1 + 7^1 + 8^3 + 10^0 + 23^0 = 41 + 71 + 83 + 100 + 230 \\
 525 &:= 2^8 + 5^2 + 10^2 + 11^2 + 23^1 = 28 + 52 + 102 + 112 + 231 & 525 &:= 4^1 + 7^1 + 8^3 + 11^0 + 22^0 = 41 + 71 + 83 + 110 + 220 \\
 525 &:= 2^8 + 5^3 + 5^3 + 18^1 + 21^0 = 28 + 53 + 53 + 181 + 210 & 525 &:= 4^1 + 7^1 + 8^3 + 12^0 + 21^0 = 41 + 71 + 83 + 120 + 210 \\
 525 &:= 3^0 + 3^1 + 14^0 + 14^2 + 18^2 = 30 + 31 + 140 + 142 + 182 & 525 &:= 4^1 + 7^1 + 8^3 + 13^0 + 20^0 = 41 + 71 + 83 + 130 + 200 \\
 525 &:= 3^0 + 3^1 + 6^2 + 18^0 + 22^2 = 30 + 31 + 62 + 180 + 222 & 525 &:= 4^1 + 7^1 + 8^3 + 14^0 + 19^0 = 41 + 71 + 83 + 140 + 190 \\
 525 &:= 3^0 + 5^2 + 8^0 + 14^1 + 22^2 = 30 + 52 + 80 + 141 + 222 & 525 &:= 4^1 + 7^1 + 8^3 + 15^0 + 18^0 = 41 + 71 + 83 + 150 + 180 \\
 525 &:= 3^0 + 6^0 + 11^1 + 16^2 + 16^2 = 30 + 60 + 111 + 162 + 162 & 525 &:= 4^1 + 7^1 + 8^3 + 16^0 + 17^0 = 41 + 71 + 83 + 160 + 170 \\
 525 &:= 3^0 + 8^0 + 9^1 + 15^2 + 17^2 = 30 + 80 + 91 + 152 + 172 & 525 &:= 4^1 + 7^1 + 8^3 + 9^0 + 24^0 = 41 + 71 + 83 + 90 + 240 \\
 525 &:= 3^1 + 4^0 + 13^0 + 14^2 + 18^2 = 31 + 40 + 130 + 142 + 182 & 525 &:= 5^0 + 5^2 + 6^0 + 14^1 + 22^2 = 50 + 52 + 60 + 141 + 222 \\
 525 &:= 3^1 + 4^0 + 6^2 + 17^0 + 22^2 = 31 + 40 + 62 + 170 + 222 & 525 &:= 5^0 + 6^0 + 9^1 + 15^2 + 17^2 = 50 + 60 + 91 + 152 + 172 \\
 525 &:= 3^1 + 5^0 + 12^0 + 14^2 + 18^2 = 31 + 50 + 120 + 142 + 182 & 525 &:= 5^1 + 6^0 + 6^1 + 8^3 + 27^0 = 51 + 60 + 61 + 83 + 270 \\
 525 &:= 3^1 + 5^0 + 6^2 + 16^0 + 22^2 = 31 + 50 + 62 + 160 + 222 & 525 &:= 5^1 + 6^1 + 7^0 + 8^3 + 26^0 = 51 + 61 + 70 + 83 + 260 \\
 525 &:= 3^1 + 6^0 + 11^0 + 14^2 + 18^2 = 31 + 60 + 110 + 142 + 182 & 525 &:= 5^1 + 6^1 + 8^0 + 8^3 + 25^0 = 51 + 61 + 80 + 83 + 250 \\
 525 &:= 3^1 + 6^0 + 6^2 + 15^0 + 22^2 = 31 + 60 + 62 + 150 + 222 & 525 &:= 5^1 + 6^1 + 8^3 + 10^0 + 23^0 = 51 + 61 + 83 + 100 + 230 \\
 525 &:= 3^1 + 6^0 + 8^1 + 8^3 + 27^0 = 31 + 60 + 81 + 83 + 270 & 525 &:= 5^1 + 6^1 + 8^3 + 11^0 + 22^0 = 51 + 61 + 83 + 110 + 220
 \end{aligned}$$

$$\begin{aligned}
 525 &:= 5^1 + 6^1 + 8^3 + 12^0 + 21^0 = 51 + 61 + 83 + 120 + 210 \\
 525 &:= 5^1 + 6^1 + 8^3 + 13^0 + 20^0 = 51 + 61 + 83 + 130 + 200 \\
 525 &:= 5^1 + 6^1 + 8^3 + 14^0 + 19^0 = 51 + 61 + 83 + 140 + 190 \\
 525 &:= 5^1 + 6^1 + 8^3 + 15^0 + 18^0 = 51 + 61 + 83 + 150 + 180
 \end{aligned}$$

$$\begin{aligned}
 525 &:= 5^1 + 6^1 + 8^3 + 16^0 + 17^0 = 51 + 61 + 83 + 160 + 170 \\
 525 &:= 5^1 + 6^1 + 8^3 + 9^0 + 24^0 = 51 + 61 + 83 + 90 + 240
 \end{aligned}$$

2.2.427 Number 526

$$\begin{aligned}
 526 &:= 1^1 + 12^2 + 19^2 + 20^1 = 11 + 122 + 192 + 201 \\
 526 &:= 1^1 + 4^2 + 22^2 + 25^1 = 11 + 42 + 222 + 251 \\
 526 &:= 1^2 + 8^3 + 12^1 + 31^0 = 12 + 83 + 121 + 310 \\
 526 &:= 1^6 + 2^9 + 12^1 + 36^0 = 16 + 29 + 121 + 360 \\
 526 &:= 10^1 + 11^1 + 12^2 + 19^2 = 101 + 111 + 122 + 192 \\
 526 &:= 10^2 + 13^0 + 13^2 + 16^2 = 102 + 130 + 132 + 162 \\
 526 &:= 2^1 + 12^2 + 19^1 + 19^2 = 21 + 122 + 191 + 192 \\
 526 &:= 2^1 + 4^2 + 22^2 + 24^1 = 21 + 42 + 222 + 241 \\
 526 &:= 2^2 + 11^2 + 19^0 + 20^2 = 22 + 112 + 190 + 202 \\
 526 &:= 2^2 + 8^3 + 9^1 + 33^0 = 22 + 83 + 91 + 330 \\
 526 &:= 3^1 + 12^2 + 18^1 + 19^2 = 31 + 122 + 181 + 192 \\
 526 &:= 3^1 + 4^2 + 22^2 + 23^1 = 31 + 42 + 222 + 231 \\
 526 &:= 3^2 + 4^1 + 8^3 + 37^0 = 32 + 41 + 83 + 370 \\
 526 &:= 3^3 + 13^0 + 14^1 + 22^2 = 33 + 130 + 141 + 222 \\
 526 &:= 4^1 + 12^2 + 17^1 + 19^2 = 41 + 122 + 171 + 192 \\
 526 &:= 4^1 + 4^2 + 22^1 + 22^2 = 41 + 42 + 221 + 222 \\
 526 &:= 4^2 + 10^1 + 16^1 + 22^2 = 42 + 101 + 161 + 222 \\
 526 &:= 4^2 + 11^1 + 15^1 + 22^2 = 42 + 111 + 151 + 222 \\
 526 &:= 4^2 + 12^1 + 14^1 + 22^2 = 42 + 121 + 141 + 222 \\
 526 &:= 4^2 + 13^1 + 13^1 + 22^2 = 42 + 131 + 131 + 222 \\
 526 &:= 4^2 + 5^1 + 21^1 + 22^2 = 42 + 51 + 211 + 222 \\
 526 &:= 4^2 + 5^2 + 21^0 + 22^2 = 42 + 52 + 210 + 222 \\
 526 &:= 4^2 + 6^1 + 20^1 + 22^2 = 42 + 61 + 201 + 222 \\
 526 &:= 4^2 + 7^1 + 19^1 + 22^2 = 42 + 71 + 191 + 222 \\
 526 &:= 4^2 + 8^1 + 18^1 + 22^2 = 42 + 81 + 181 + 222 \\
 526 &:= 4^2 + 9^1 + 17^1 + 22^2 = 42 + 91 + 171 + 222 \\
 526 &:= 4^3 + 7^0 + 20^1 + 21^2 = 43 + 70 + 201 + 212 \\
 526 &:= 5^1 + 12^2 + 16^1 + 19^2 = 51 + 122 + 161 + 192 \\
 526 &:= 5^2 + 10^2 + 17^0 + 20^2 = 52 + 102 + 170 + 202 \\
 526 &:= 6^1 + 12^2 + 15^1 + 19^2 = 61 + 122 + 151 + 192 \\
 526 &:= 6^3 + 9^0 + 17^2 + 20^1 = 63 + 90 + 172 + 201 \\
 526 &:= 7^1 + 12^2 + 14^1 + 19^2 = 71 + 122 + 141 + 192
 \end{aligned}$$

$$\begin{aligned}
 526 &:= 7^3 + 13^1 + 13^2 + 19^0 = 73 + 131 + 132 + 190 \\
 526 &:= 8^1 + 12^2 + 13^1 + 19^2 = 81 + 122 + 131 + 192 \\
 526 &:= 8^2 + 10^2 + 15^0 + 19^2 = 82 + 102 + 150 + 192 \\
 526 &:= 9^1 + 12^1 + 12^2 + 19^2 = 91 + 121 + 122 + 192 \\
 526 &:= 1^0 + 1^1 + 12^2 + 19^1 + 19^2 = 10 + 11 + 122 + 191 + 192 \\
 526 &:= 1^0 + 1^1 + 4^2 + 22^2 + 24^1 = 10 + 11 + 42 + 222 + 241 \\
 526 &:= 1^0 + 10^1 + 10^1 + 12^2 + 19^2 = 10 + 101 + 101 + 122 + 192 \\
 526 &:= 1^0 + 10^2 + 10^2 + 13^0 + 18^2 = 10 + 102 + 102 + 130 + 182 \\
 526 &:= 1^0 + 2^1 + 12^2 + 18^1 + 19^2 = 10 + 21 + 122 + 181 + 192 \\
 526 &:= 1^0 + 2^1 + 4^2 + 22^2 + 23^1 = 10 + 21 + 42 + 222 + 231 \\
 526 &:= 1^0 + 2^2 + 14^2 + 17^0 + 18^2 = 10 + 22 + 142 + 170 + 182 \\
 526 &:= 1^0 + 2^2 + 6^2 + 21^0 + 22^2 = 10 + 22 + 62 + 210 + 222 \\
 526 &:= 1^0 + 3^1 + 12^2 + 17^1 + 19^2 = 10 + 31 + 122 + 171 + 192 \\
 526 &:= 1^0 + 3^1 + 4^2 + 22^1 + 22^2 = 10 + 31 + 42 + 221 + 222 \\
 526 &:= 1^0 + 3^3 + 13^0 + 13^1 + 22^2 = 10 + 33 + 130 + 131 + 222 \\
 526 &:= 1^0 + 4^1 + 12^2 + 16^1 + 19^2 = 10 + 41 + 122 + 161 + 192 \\
 526 &:= 1^0 + 4^1 + 4^2 + 21^1 + 22^2 = 10 + 41 + 42 + 211 + 222 \\
 526 &:= 1^0 + 4^2 + 10^1 + 15^1 + 22^2 = 10 + 42 + 101 + 151 + 222 \\
 526 &:= 1^0 + 4^2 + 11^1 + 14^1 + 22^2 = 10 + 42 + 111 + 141 + 222 \\
 526 &:= 1^0 + 4^2 + 12^1 + 13^1 + 22^2 = 10 + 42 + 121 + 131 + 222 \\
 526 &:= 1^0 + 4^2 + 5^1 + 20^1 + 22^2 = 10 + 42 + 51 + 201 + 222 \\
 526 &:= 1^0 + 4^2 + 6^1 + 19^1 + 22^2 = 10 + 42 + 61 + 191 + 222 \\
 526 &:= 1^0 + 4^2 + 7^1 + 18^1 + 22^2 = 10 + 42 + 71 + 181 + 222 \\
 526 &:= 1^0 + 4^2 + 8^1 + 17^1 + 22^2 = 10 + 42 + 81 + 171 + 222 \\
 526 &:= 1^0 + 4^2 + 9^1 + 16^1 + 22^2 = 10 + 42 + 91 + 161 + 222 \\
 526 &:= 1^0 + 4^3 + 7^0 + 19^1 + 21^2 = 10 + 43 + 70 + 191 + 212 \\
 526 &:= 1^0 + 5^1 + 12^2 + 15^1 + 19^2 = 10 + 51 + 122 + 151 + 192 \\
 526 &:= 1^0 + 6^1 + 12^2 + 14^1 + 19^2 = 10 + 61 + 122 + 141 + 192 \\
 526 &:= 1^0 + 6^3 + 9^0 + 17^2 + 19^1 = 10 + 63 + 90 + 172 + 191 \\
 526 &:= 1^0 + 7^1 + 12^2 + 13^1 + 19^2 = 10 + 71 + 122 + 131 + 192 \\
 526 &:= 1^0 + 7^3 + 12^1 + 13^2 + 19^0 = 10 + 73 + 121 + 132 + 190 \\
 526 &:= 1^0 + 8^1 + 12^1 + 12^2 + 19^2 = 10 + 81 + 121 + 122 + 192
 \end{aligned}$$

$$\begin{aligned} 526 &:= 1^0 + 9^1 + 11^1 + 12^2 + 19^2 = 10 + 91 + 111 + 122 + 192 \\ 526 &:= 1^1 + 2^1 + 9^2 + 19^0 + 21^2 = 11 + 21 + 92 + 190 + 212 \\ 526 &:= 1^1 + 3^0 + 8^2 + 19^1 + 21^2 = 11 + 30 + 82 + 191 + 212 \\ 526 &:= 1^1 + 3^1 + 11^2 + 17^0 + 20^2 = 11 + 31 + 112 + 170 + 202 \\ 526 &:= 1^1 + 4^1 + 14^2 + 15^0 + 18^2 = 11 + 41 + 142 + 150 + 182 \\ 526 &:= 1^1 + 4^1 + 6^2 + 19^0 + 22^2 = 11 + 41 + 62 + 190 + 222 \\ 526 &:= 1^1 + 5^2 + 9^0 + 15^1 + 22^2 = 11 + 52 + 90 + 151 + 222 \\ 526 &:= 1^1 + 7^0 + 12^1 + 16^2 + 16^2 = 11 + 70 + 121 + 162 + 162 \\ 526 &:= 1^1 + 9^0 + 10^1 + 15^2 + 17^2 = 11 + 90 + 101 + 152 + 172 \\ 526 &:= 1^2 + 2^8 + 3^5 + 20^0 + 25^1 = 12 + 28 + 35 + 200 + 251 \\ 526 &:= 1^2 + 5^0 + 8^3 + 11^1 + 27^0 = 12 + 50 + 83 + 111 + 270 \\ 526 &:= 1^2 + 6^0 + 8^3 + 11^1 + 26^0 = 12 + 60 + 83 + 111 + 260 \\ 526 &:= 1^2 + 7^0 + 8^3 + 11^1 + 25^0 = 12 + 70 + 83 + 111 + 250 \\ 526 &:= 1^2 + 8^0 + 8^3 + 11^1 + 24^0 = 12 + 80 + 83 + 111 + 240 \\ 526 &:= 1^2 + 8^3 + 10^0 + 11^1 + 22^0 = 12 + 83 + 100 + 111 + 220 \\ 526 &:= 1^2 + 8^3 + 11^0 + 11^1 + 21^0 = 12 + 83 + 110 + 111 + 210 \\ 526 &:= 1^2 + 8^3 + 11^1 + 12^0 + 20^0 = 12 + 83 + 111 + 120 + 200 \\ 526 &:= 1^2 + 8^3 + 11^1 + 13^0 + 19^0 = 12 + 83 + 111 + 130 + 190 \\ 526 &:= 1^2 + 8^3 + 11^1 + 14^0 + 18^0 = 12 + 83 + 111 + 140 + 180 \\ 526 &:= 1^2 + 8^3 + 11^1 + 15^0 + 17^0 = 12 + 83 + 111 + 150 + 170 \\ 526 &:= 1^2 + 8^3 + 11^1 + 16^0 + 16^0 = 12 + 83 + 111 + 160 + 160 \\ 526 &:= 1^2 + 8^3 + 9^0 + 11^1 + 23^0 = 12 + 83 + 90 + 111 + 230 \\ 526 &:= 1^5 + 2^8 + 12^1 + 16^2 + 20^0 = 15 + 28 + 121 + 162 + 200 \\ 526 &:= 1^6 + 2^3 + 2^5 + 22^2 + 24^0 = 16 + 23 + 25 + 222 + 240 \\ 526 &:= 1^6 + 2^9 + 10^0 + 11^1 + 27^0 = 16 + 29 + 100 + 111 + 270 \\ 526 &:= 1^6 + 2^9 + 11^0 + 11^1 + 26^0 = 16 + 29 + 110 + 111 + 260 \\ 526 &:= 1^6 + 2^9 + 11^1 + 12^0 + 25^0 = 16 + 29 + 111 + 120 + 250 \\ 526 &:= 1^6 + 2^9 + 11^1 + 13^0 + 24^0 = 16 + 29 + 111 + 130 + 240 \\ 526 &:= 1^6 + 2^9 + 11^1 + 14^0 + 23^0 = 16 + 29 + 111 + 140 + 230 \\ 526 &:= 1^6 + 2^9 + 11^1 + 15^0 + 22^0 = 16 + 29 + 111 + 150 + 220 \\ 526 &:= 1^6 + 2^9 + 11^1 + 16^0 + 21^0 = 16 + 29 + 111 + 160 + 210 \\ 526 &:= 1^6 + 2^9 + 11^1 + 17^0 + 20^0 = 16 + 29 + 111 + 170 + 200 \\ 526 &:= 1^6 + 2^9 + 11^1 + 18^0 + 19^0 = 16 + 29 + 111 + 180 + 190 \\ 526 &:= 1^6 + 3^5 + 4^4 + 18^0 + 25^1 = 16 + 35 + 44 + 180 + 251 \\ 526 &:= 1^7 + 2^6 + 8^0 + 19^1 + 21^2 = 17 + 26 + 80 + 191 + 212 \\ 526 &:= 1^7 + 3^5 + 5^2 + 16^2 + 26^0 = 17 + 35 + 52 + 162 + 260 \\ 526 &:= 1^8 + 2^5 + 8^1 + 18^0 + 22^2 = 18 + 25 + 81 + 180 + 222 \\ 526 &:= 1^8 + 3^5 + 6^0 + 16^2 + 25^1 = 18 + 35 + 60 + 162 + 251 \end{aligned}$$

$$\begin{aligned} 526 &:= 1^9 + 2^0 + 2^4 + 22^2 + 24^1 = 19 + 20 + 24 + 222 + 241 \\ 526 &:= 1^9 + 2^1 + 3^4 + 21^2 + 24^0 = 19 + 21 + 34 + 212 + 240 \\ 526 &:= 1^9 + 4^4 + 12^1 + 16^2 + 18^0 = 19 + 44 + 121 + 162 + 180 \\ 526 &:= 1^9 + 7^3 + 9^2 + 10^2 + 24^0 = 19 + 73 + 92 + 102 + 240 \\ 526 &:= 2^0 + 10^2 + 10^2 + 12^0 + 18^2 = 20 + 102 + 102 + 120 + 182 \\ 526 &:= 2^0 + 2^2 + 14^2 + 16^0 + 18^2 = 20 + 22 + 142 + 160 + 182 \\ 526 &:= 2^0 + 2^2 + 6^2 + 20^0 + 22^2 = 20 + 22 + 62 + 200 + 222 \\ 526 &:= 2^0 + 3^3 + 12^0 + 13^1 + 22^2 = 20 + 33 + 120 + 131 + 222 \\ 526 &:= 2^0 + 4^3 + 6^0 + 19^1 + 21^2 = 20 + 43 + 60 + 191 + 212 \\ 526 &:= 2^0 + 6^3 + 8^0 + 17^2 + 19^1 = 20 + 63 + 80 + 172 + 191 \\ 526 &:= 2^0 + 7^3 + 12^1 + 13^2 + 18^0 = 20 + 73 + 121 + 132 + 180 \\ 526 &:= 2^1 + 2^1 + 11^2 + 17^0 + 20^2 = 21 + 21 + 112 + 170 + 202 \\ 526 &:= 2^1 + 3^0 + 8^2 + 18^1 + 21^2 = 21 + 30 + 82 + 181 + 212 \\ 526 &:= 2^1 + 3^1 + 14^2 + 15^0 + 18^2 = 21 + 31 + 142 + 150 + 182 \\ 526 &:= 2^1 + 3^1 + 6^2 + 19^0 + 22^2 = 21 + 31 + 62 + 190 + 222 \\ 526 &:= 2^1 + 5^2 + 9^0 + 14^1 + 22^2 = 21 + 52 + 90 + 141 + 222 \\ 526 &:= 2^1 + 7^0 + 11^1 + 16^2 + 16^2 = 21 + 70 + 111 + 162 + 162 \\ 526 &:= 2^1 + 9^0 + 9^1 + 15^2 + 17^2 = 21 + 90 + 91 + 152 + 172 \\ 526 &:= 2^2 + 2^5 + 2^7 + 19^2 + 26^0 = 22 + 25 + 27 + 192 + 260 \\ 526 &:= 2^2 + 2^8 + 3^5 + 22^0 + 22^1 = 22 + 28 + 35 + 220 + 221 \\ 526 &:= 2^2 + 3^0 + 14^2 + 15^0 + 18^2 = 22 + 30 + 142 + 150 + 182 \\ 526 &:= 2^2 + 3^0 + 6^2 + 19^0 + 22^2 = 22 + 30 + 62 + 190 + 222 \\ 526 &:= 2^2 + 4^0 + 14^0 + 14^2 + 18^2 = 22 + 40 + 140 + 142 + 182 \\ 526 &:= 2^2 + 4^0 + 6^2 + 18^0 + 22^2 = 22 + 40 + 62 + 180 + 222 \\ 526 &:= 2^2 + 5^0 + 13^0 + 14^2 + 18^2 = 22 + 50 + 130 + 142 + 182 \\ 526 &:= 2^2 + 5^0 + 6^2 + 17^0 + 22^2 = 22 + 50 + 62 + 170 + 222 \\ 526 &:= 2^2 + 6^0 + 12^0 + 14^2 + 18^2 = 22 + 60 + 120 + 142 + 182 \\ 526 &:= 2^2 + 6^0 + 6^2 + 16^0 + 22^2 = 22 + 60 + 62 + 160 + 222 \\ 526 &:= 2^2 + 6^2 + 10^0 + 12^0 + 22^2 = 22 + 62 + 100 + 120 + 222 \\ 526 &:= 2^2 + 6^2 + 11^0 + 11^0 + 22^2 = 22 + 62 + 110 + 110 + 222 \\ 526 &:= 2^2 + 6^2 + 7^0 + 15^0 + 22^2 = 22 + 62 + 70 + 150 + 222 \\ 526 &:= 2^2 + 6^2 + 8^0 + 14^0 + 22^2 = 22 + 62 + 80 + 140 + 222 \\ 526 &:= 2^2 + 6^2 + 9^0 + 13^0 + 22^2 = 22 + 62 + 90 + 130 + 222 \\ 526 &:= 2^2 + 7^0 + 11^0 + 14^2 + 18^2 = 22 + 70 + 110 + 142 + 182 \\ 526 &:= 2^2 + 7^0 + 8^1 + 8^3 + 27^0 = 22 + 70 + 81 + 83 + 270 \\ 526 &:= 2^2 + 8^0 + 10^0 + 14^2 + 18^2 = 22 + 80 + 100 + 142 + 182 \\ 526 &:= 2^2 + 8^0 + 8^1 + 8^3 + 26^0 = 22 + 80 + 81 + 83 + 260 \\ 526 &:= 2^2 + 8^1 + 8^3 + 10^0 + 24^0 = 22 + 81 + 83 + 100 + 240 \end{aligned}$$

$$\begin{aligned}
 526 &:= 2^2 + 8^1 + 8^3 + 11^0 + 23^0 = 22 + 81 + 83 + 110 + 230 & 526 &:= 3^1 + 3^2 + 8^3 + 17^0 + 21^0 = 31 + 32 + 83 + 170 + 210 \\
 526 &:= 2^2 + 8^1 + 8^3 + 12^0 + 22^0 = 22 + 81 + 83 + 120 + 220 & 526 &:= 3^1 + 3^2 + 8^3 + 18^0 + 20^0 = 31 + 32 + 83 + 180 + 200 \\
 526 &:= 2^2 + 8^1 + 8^3 + 13^0 + 21^0 = 22 + 81 + 83 + 130 + 210 & 526 &:= 3^1 + 3^2 + 8^3 + 19^0 + 19^0 = 31 + 32 + 83 + 190 + 190 \\
 526 &:= 2^2 + 8^1 + 8^3 + 14^0 + 20^0 = 22 + 81 + 83 + 140 + 200 & 526 &:= 3^1 + 5^2 + 9^0 + 13^1 + 22^2 = 31 + 52 + 90 + 131 + 222 \\
 526 &:= 2^2 + 8^1 + 8^3 + 15^0 + 19^0 = 22 + 81 + 83 + 150 + 190 & 526 &:= 3^1 + 7^0 + 10^1 + 16^2 + 16^2 = 31 + 70 + 101 + 162 + 162 \\
 526 &:= 2^2 + 8^1 + 8^3 + 16^0 + 18^0 = 22 + 81 + 83 + 160 + 180 & 526 &:= 3^1 + 8^1 + 9^0 + 15^2 + 17^2 = 31 + 81 + 90 + 152 + 172 \\
 526 &:= 2^2 + 8^1 + 8^3 + 17^0 + 17^0 = 22 + 81 + 83 + 170 + 170 & 526 &:= 3^3 + 4^0 + 10^0 + 13^1 + 22^2 = 33 + 40 + 100 + 131 + 222 \\
 526 &:= 2^2 + 8^1 + 8^3 + 9^0 + 25^0 = 22 + 81 + 83 + 90 + 250 & 526 &:= 3^3 + 5^0 + 9^0 + 13^1 + 22^2 = 33 + 50 + 90 + 131 + 222 \\
 526 &:= 2^2 + 9^0 + 9^0 + 14^2 + 18^2 = 22 + 90 + 90 + 142 + 182 & 526 &:= 3^3 + 6^0 + 8^0 + 13^1 + 22^2 = 33 + 60 + 80 + 131 + 222 \\
 526 &:= 2^4 + 2^7 + 5^3 + 16^2 + 26^0 = 24 + 27 + 53 + 162 + 260 & 526 &:= 3^3 + 7^0 + 7^0 + 13^1 + 22^2 = 33 + 70 + 70 + 131 + 222 \\
 526 &:= 2^5 + 2^7 + 13^2 + 14^2 + 20^0 = 25 + 27 + 132 + 142 + 200 & 526 &:= 4^0 + 10^0 + 10^2 + 10^2 + 18^2 = 40 + 100 + 102 + 102 + 182 \\
 526 &:= 2^5 + 2^7 + 7^3 + 18^0 + 22^1 = 25 + 27 + 73 + 180 + 221 & 526 &:= 4^0 + 4^0 + 4^3 + 19^1 + 21^2 = 40 + 40 + 43 + 191 + 212 \\
 526 &:= 2^5 + 2^8 + 12^1 + 15^2 + 20^0 = 25 + 28 + 121 + 152 + 200 & 526 &:= 4^0 + 6^0 + 6^3 + 17^2 + 19^1 = 40 + 60 + 63 + 172 + 191 \\
 526 &:= 2^6 + 2^6 + 6^2 + 19^2 + 22^0 = 26 + 26 + 62 + 192 + 220 & 526 &:= 4^0 + 7^3 + 12^1 + 13^2 + 16^0 = 40 + 73 + 121 + 132 + 160 \\
 526 &:= 2^6 + 2^7 + 9^1 + 18^2 + 20^0 = 26 + 27 + 91 + 182 + 200 & 526 &:= 4^1 + 5^2 + 9^0 + 12^1 + 22^2 = 41 + 52 + 90 + 121 + 222 \\
 526 &:= 2^7 + 3^3 + 3^4 + 17^2 + 26^0 = 27 + 33 + 34 + 172 + 260 & 526 &:= 4^1 + 7^0 + 9^1 + 16^2 + 16^2 = 41 + 70 + 91 + 162 + 162 \\
 526 &:= 2^8 + 3^2 + 3^5 + 17^1 + 26^0 = 28 + 32 + 35 + 171 + 260 & 526 &:= 4^1 + 7^1 + 9^0 + 15^2 + 17^2 = 41 + 71 + 90 + 152 + 172 \\
 526 &:= 3^0 + 10^2 + 10^2 + 11^0 + 18^2 = 30 + 102 + 102 + 110 + 182 & 526 &:= 5^0 + 5^0 + 6^3 + 17^2 + 19^1 = 50 + 50 + 63 + 172 + 191 \\
 526 &:= 3^0 + 3^1 + 8^2 + 17^1 + 21^2 = 30 + 31 + 82 + 171 + 212 & 526 &:= 5^0 + 7^3 + 12^1 + 13^2 + 15^0 = 50 + 73 + 121 + 132 + 150 \\
 526 &:= 3^0 + 3^3 + 11^0 + 13^1 + 22^2 = 30 + 33 + 110 + 131 + 222 & 526 &:= 5^0 + 9^0 + 10^2 + 10^2 + 18^2 = 50 + 90 + 102 + 102 + 182 \\
 526 &:= 3^0 + 4^1 + 8^2 + 16^1 + 21^2 = 30 + 41 + 82 + 161 + 212 & 526 &:= 5^1 + 5^2 + 9^0 + 11^1 + 22^2 = 51 + 52 + 90 + 111 + 222 \\
 526 &:= 3^0 + 4^3 + 5^0 + 19^1 + 21^2 = 30 + 43 + 50 + 191 + 212 & 526 &:= 5^1 + 6^1 + 9^0 + 15^2 + 17^2 = 51 + 61 + 90 + 152 + 172 \\
 526 &:= 3^0 + 5^1 + 8^2 + 15^1 + 21^2 = 30 + 51 + 82 + 151 + 212 & 526 &:= 5^1 + 7^0 + 8^1 + 16^2 + 16^2 = 51 + 70 + 81 + 162 + 162 \\
 526 &:= 3^0 + 6^1 + 8^2 + 14^1 + 21^2 = 30 + 61 + 82 + 141 + 212 & 526 &:= 5^2 + 6^1 + 9^0 + 10^1 + 22^2 = 52 + 61 + 90 + 101 + 222 \\
 526 &:= 3^0 + 6^3 + 7^0 + 17^2 + 19^1 = 30 + 63 + 70 + 172 + 191 & 526 &:= 5^2 + 7^1 + 9^0 + 9^1 + 22^2 = 52 + 71 + 90 + 91 + 222 \\
 526 &:= 3^0 + 7^1 + 8^2 + 13^1 + 21^2 = 30 + 71 + 82 + 131 + 212 & 526 &:= 5^2 + 8^1 + 8^1 + 9^0 + 22^2 = 52 + 81 + 81 + 90 + 222 \\
 526 &:= 3^0 + 7^3 + 12^1 + 13^2 + 17^0 = 30 + 73 + 121 + 132 + 170 & 526 &:= 6^0 + 7^3 + 12^1 + 13^2 + 14^0 = 60 + 73 + 121 + 132 + 140 \\
 526 &:= 3^0 + 8^1 + 8^2 + 12^1 + 21^2 = 30 + 81 + 82 + 121 + 212 & 526 &:= 6^0 + 8^0 + 10^2 + 10^2 + 18^2 = 60 + 80 + 102 + 102 + 182 \\
 526 &:= 3^0 + 8^2 + 10^1 + 10^1 + 21^2 = 30 + 82 + 101 + 101 + 212 & 526 &:= 6^1 + 7^0 + 7^1 + 16^2 + 16^2 = 61 + 70 + 71 + 162 + 162 \\
 526 &:= 3^0 + 8^2 + 9^1 + 11^1 + 21^2 = 30 + 82 + 91 + 111 + 212 & 526 &:= 7^0 + 7^0 + 10^2 + 10^2 + 18^2 = 70 + 70 + 102 + 102 + 182 \\
 526 &:= 3^1 + 3^2 + 8^3 + 11^0 + 27^0 = 31 + 32 + 83 + 110 + 270 & 526 &:= 7^0 + 7^3 + 12^1 + 13^0 + 13^2 = 70 + 73 + 121 + 130 + 132 \\
 526 &:= 3^1 + 3^2 + 8^3 + 12^0 + 26^0 = 31 + 32 + 83 + 120 + 260 & 526 &:= 7^3 + 10^0 + 10^0 + 12^1 + 13^2 = 73 + 100 + 100 + 121 + 132 \\
 526 &:= 3^1 + 3^2 + 8^3 + 13^0 + 25^0 = 31 + 32 + 83 + 130 + 250 & 526 &:= 7^3 + 8^0 + 12^0 + 12^1 + 13^2 = 73 + 80 + 120 + 121 + 132 \\
 526 &:= 3^1 + 3^2 + 8^3 + 14^0 + 24^0 = 31 + 32 + 83 + 140 + 240 & 526 &:= 7^3 + 9^0 + 11^0 + 12^1 + 13^2 = 73 + 90 + 110 + 121 + 132 \\
 526 &:= 3^1 + 3^2 + 8^3 + 15^0 + 23^0 = 31 + 32 + 83 + 150 + 230 & & \\
 526 &:= 3^1 + 3^2 + 8^3 + 16^0 + 22^0 = 31 + 32 + 83 + 160 + 220 & &
 \end{aligned}$$

$527 := 1^2 + 5^3 + 20^2 + 26^0$	$= 12 + 53 + 202 + 260$	$527 := 1^3 + 7^0 + 8^3 + 12^1 + 24^0$	$= 13 + 70 + 83 + 121 + 240$
$527 := 1^3 + 8^3 + 13^1 + 30^0$	$= 13 + 83 + 131 + 300$	$527 := 1^3 + 8^0 + 8^3 + 12^1 + 23^0$	$= 13 + 80 + 83 + 121 + 230$
$527 := 1^7 + 2^9 + 13^1 + 35^0$	$= 17 + 29 + 131 + 350$	$527 := 1^3 + 8^3 + 10^0 + 12^1 + 21^0$	$= 13 + 83 + 100 + 121 + 210$
$527 := 2^0 + 2^4 + 22^2 + 26^1$	$= 20 + 24 + 222 + 261$	$527 := 1^3 + 8^3 + 11^0 + 12^1 + 20^0$	$= 13 + 83 + 110 + 121 + 200$
$527 := 2^3 + 6^1 + 8^3 + 36^0$	$= 23 + 61 + 83 + 360$	$527 := 1^3 + 8^3 + 12^0 + 12^1 + 19^0$	$= 13 + 83 + 120 + 121 + 190$
$527 := 2^8 + 2^8 + 14^1 + 33^0$	$= 28 + 28 + 141 + 330$	$527 := 1^3 + 8^3 + 12^1 + 13^0 + 18^0$	$= 13 + 83 + 121 + 130 + 180$
$527 := 3^4 + 4^1 + 21^2 + 24^0$	$= 34 + 41 + 212 + 240$	$527 := 1^3 + 8^3 + 12^1 + 14^0 + 17^0$	$= 13 + 83 + 121 + 140 + 170$
$527 := 4^4 + 14^1 + 16^2 + 18^0$	$= 44 + 141 + 162 + 180$	$527 := 1^3 + 8^3 + 12^1 + 15^0 + 16^0$	$= 13 + 83 + 121 + 150 + 160$
$527 := 1^0 + 2^0 + 2^4 + 22^2 + 25^1$	$= 10 + 20 + 24 + 222 + 251$	$527 := 1^3 + 8^3 + 9^0 + 12^1 + 22^0$	$= 13 + 83 + 90 + 121 + 220$
$527 := 1^0 + 3^1 + 3^4 + 21^2 + 24^0$	$= 10 + 31 + 34 + 212 + 240$	$527 := 1^4 + 1^6 + 2^4 + 22^2 + 25^1$	$= 14 + 16 + 24 + 222 + 251$
$527 := 1^0 + 4^3 + 10^2 + 18^0 + 19^2$	$= 10 + 43 + 102 + 180 + 192$	$527 := 1^4 + 1^8 + 8^2 + 20^1 + 21^2$	$= 14 + 18 + 82 + 201 + 212$
$527 := 1^0 + 4^4 + 13^1 + 16^2 + 18^0$	$= 10 + 44 + 131 + 162 + 180$	$527 := 1^4 + 2^8 + 10^2 + 12^2 + 26^1$	$= 14 + 28 + 102 + 122 + 261$
$527 := 1^0 + 5^3 + 12^2 + 16^2 + 18^0$	$= 10 + 53 + 122 + 162 + 180$	$527 := 1^5 + 1^5 + 2^4 + 22^2 + 25^1$	$= 15 + 15 + 24 + 222 + 251$
$527 := 1^1 + 1^9 + 2^4 + 22^2 + 25^1$	$= 11 + 19 + 24 + 222 + 251$	$527 := 1^5 + 1^7 + 8^2 + 20^1 + 21^2$	$= 15 + 17 + 82 + 201 + 212$
$527 := 1^1 + 10^2 + 12^0 + 13^2 + 16^2$	$= 11 + 102 + 120 + 132 + 162$	$527 := 1^5 + 2^7 + 11^2 + 16^2 + 21^1$	$= 15 + 27 + 112 + 162 + 211$
$527 := 1^1 + 2^2 + 11^2 + 18^0 + 20^2$	$= 11 + 22 + 112 + 180 + 202$	$527 := 1^5 + 2^8 + 10^2 + 13^2 + 25^0$	$= 15 + 28 + 102 + 132 + 250$
$527 := 1^1 + 3^3 + 12^0 + 14^1 + 22^2$	$= 11 + 33 + 120 + 141 + 222$	$527 := 1^6 + 1^6 + 8^2 + 20^1 + 21^2$	$= 16 + 16 + 82 + 201 + 212$
$527 := 1^1 + 4^2 + 5^2 + 20^0 + 22^2$	$= 11 + 42 + 52 + 200 + 222$	$527 := 1^6 + 2^6 + 9^2 + 19^2 + 20^1$	$= 16 + 26 + 92 + 192 + 201$
$527 := 1^1 + 4^3 + 6^0 + 20^1 + 21^2$	$= 11 + 43 + 60 + 201 + 212$	$527 := 1^6 + 2^7 + 6^2 + 19^2 + 23^0$	$= 16 + 27 + 62 + 192 + 230$
$527 := 1^1 + 5^2 + 10^2 + 16^0 + 20^2$	$= 11 + 52 + 102 + 160 + 202$	$527 := 1^6 + 2^8 + 13^1 + 16^2 + 19^0$	$= 16 + 28 + 131 + 162 + 190$
$527 := 1^1 + 6^3 + 8^0 + 17^2 + 20^1$	$= 11 + 63 + 80 + 172 + 201$	$527 := 1^7 + 2^4 + 5^3 + 19^2 + 24^1$	$= 17 + 24 + 53 + 192 + 241$
$527 := 1^1 + 7^3 + 13^1 + 13^2 + 18^0$	$= 11 + 73 + 131 + 132 + 180$	$527 := 1^7 + 2^6 + 10^2 + 19^0 + 19^2$	$= 17 + 26 + 102 + 190 + 192$
$527 := 1^1 + 8^2 + 10^2 + 14^0 + 19^2$	$= 11 + 82 + 102 + 140 + 192$	$527 := 1^7 + 2^9 + 10^0 + 12^1 + 26^0$	$= 17 + 29 + 100 + 121 + 260$
$527 := 1^2 + 1^8 + 2^4 + 22^2 + 25^1$	$= 12 + 18 + 24 + 222 + 251$	$527 := 1^7 + 2^9 + 11^0 + 12^1 + 25^0$	$= 17 + 29 + 110 + 121 + 250$
$527 := 1^2 + 2^0 + 8^2 + 20^1 + 21^2$	$= 12 + 20 + 82 + 201 + 212$	$527 := 1^7 + 2^9 + 12^0 + 12^1 + 24^0$	$= 17 + 29 + 120 + 121 + 240$
$527 := 1^2 + 3^1 + 9^2 + 18^0 + 21^2$	$= 12 + 31 + 92 + 180 + 212$	$527 := 1^7 + 2^9 + 12^1 + 13^0 + 23^0$	$= 17 + 29 + 121 + 130 + 230$
$527 := 1^2 + 4^1 + 11^2 + 16^0 + 20^2$	$= 12 + 41 + 112 + 160 + 202$	$527 := 1^7 + 2^9 + 12^1 + 14^0 + 22^0$	$= 17 + 29 + 121 + 140 + 220$
$527 := 1^2 + 5^1 + 14^0 + 14^2 + 18^2$	$= 12 + 51 + 140 + 142 + 182$	$527 := 1^7 + 2^9 + 12^1 + 15^0 + 21^0$	$= 17 + 29 + 121 + 150 + 210$
$527 := 1^2 + 5^1 + 6^2 + 18^0 + 22^2$	$= 12 + 51 + 62 + 180 + 222$	$527 := 1^7 + 2^9 + 12^1 + 16^0 + 20^0$	$= 17 + 29 + 121 + 160 + 200$
$527 := 1^2 + 5^2 + 8^0 + 16^1 + 22^2$	$= 12 + 52 + 80 + 161 + 222$	$527 := 1^7 + 2^9 + 12^1 + 17^0 + 19^0$	$= 17 + 29 + 121 + 170 + 190$
$527 := 1^2 + 6^0 + 13^1 + 16^2 + 16^2$	$= 12 + 60 + 131 + 162 + 162$	$527 := 1^7 + 2^9 + 12^1 + 18^0 + 18^0$	$= 17 + 29 + 121 + 180 + 180$
$527 := 1^2 + 8^0 + 11^1 + 15^2 + 17^2$	$= 12 + 80 + 111 + 152 + 172$	$527 := 1^7 + 2^9 + 9^0 + 12^1 + 27^0$	$= 17 + 29 + 90 + 121 + 270$
$527 := 1^3 + 1^7 + 2^4 + 22^2 + 25^1$	$= 13 + 17 + 24 + 222 + 251$	$527 := 1^7 + 3^5 + 4^4 + 17^0 + 26^1$	$= 17 + 35 + 44 + 170 + 261$
$527 := 1^3 + 1^9 + 8^2 + 20^1 + 21^2$	$= 13 + 19 + 82 + 201 + 212$	$527 := 1^8 + 2^4 + 13^2 + 17^1 + 18^2$	$= 18 + 24 + 132 + 171 + 182$
$527 := 1^3 + 2^8 + 3^5 + 19^0 + 26^1$	$= 13 + 28 + 35 + 190 + 261$	$527 := 1^8 + 2^4 + 7^2 + 20^1 + 21^2$	$= 18 + 24 + 72 + 201 + 212$
$527 := 1^3 + 4^0 + 8^3 + 12^1 + 27^0$	$= 13 + 40 + 83 + 121 + 270$	$527 := 1^8 + 2^5 + 13^2 + 17^0 + 18^2$	$= 18 + 25 + 132 + 170 + 182$
$527 := 1^3 + 5^0 + 8^3 + 12^1 + 26^0$	$= 13 + 50 + 83 + 121 + 260$	$527 := 1^8 + 2^5 + 3^2 + 22^2 + 23^0$	$= 18 + 25 + 32 + 222 + 230$
$527 := 1^3 + 6^0 + 8^3 + 12^1 + 25^0$	$= 13 + 60 + 83 + 121 + 250$	$527 := 1^8 + 2^6 + 7^0 + 20^1 + 21^2$	$= 18 + 26 + 70 + 201 + 212$

$$\begin{aligned} 527 &:= 1^8 + 3^4 + 8^2 + 19^2 + 20^1 = 18 + 34 + 82 + 192 + 201 & 527 &:= 2^1 + 3^3 + 12^0 + 13^1 + 22^2 = 21 + 33 + 120 + 131 + 222 \\ 527 &:= 1^8 + 4^4 + 7^2 + 14^2 + 25^1 = 18 + 44 + 72 + 142 + 251 & 527 &:= 2^1 + 4^3 + 6^0 + 19^1 + 21^2 = 21 + 43 + 60 + 191 + 212 \\ 527 &:= 1^9 + 2^1 + 2^4 + 22^2 + 24^1 = 19 + 21 + 24 + 222 + 241 & 527 &:= 2^1 + 6^3 + 8^0 + 17^2 + 19^1 = 21 + 63 + 80 + 172 + 191 \\ 527 &:= 1^9 + 2^3 + 10^2 + 18^1 + 20^2 = 19 + 23 + 102 + 181 + 202 & 527 &:= 2^1 + 7^3 + 12^1 + 13^2 + 18^0 = 21 + 73 + 121 + 132 + 180 \\ 527 &:= 1^9 + 2^4 + 10^1 + 16^1 + 22^2 = 19 + 24 + 101 + 161 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 12^0 + 27^0 = 22 + 32 + 83 + 120 + 270 \\ 527 &:= 1^9 + 2^4 + 11^1 + 15^1 + 22^2 = 19 + 24 + 111 + 151 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 13^0 + 26^0 = 22 + 32 + 83 + 130 + 260 \\ 527 &:= 1^9 + 2^4 + 12^1 + 14^1 + 22^2 = 19 + 24 + 121 + 141 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 14^0 + 25^0 = 22 + 32 + 83 + 140 + 250 \\ 527 &:= 1^9 + 2^4 + 13^1 + 13^1 + 22^2 = 19 + 24 + 131 + 131 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 15^0 + 24^0 = 22 + 32 + 83 + 150 + 240 \\ 527 &:= 1^9 + 2^4 + 3^1 + 22^2 + 23^1 = 19 + 24 + 31 + 222 + 231 & 527 &:= 2^2 + 3^2 + 8^3 + 16^0 + 23^0 = 22 + 32 + 83 + 160 + 230 \\ 527 &:= 1^9 + 2^4 + 4^1 + 22^1 + 22^2 = 19 + 24 + 41 + 221 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 17^0 + 22^0 = 22 + 32 + 83 + 170 + 220 \\ 527 &:= 1^9 + 2^4 + 5^1 + 21^1 + 22^2 = 19 + 24 + 51 + 211 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 18^0 + 21^0 = 22 + 32 + 83 + 180 + 210 \\ 527 &:= 1^9 + 2^4 + 5^2 + 21^0 + 22^2 = 19 + 24 + 52 + 210 + 222 & 527 &:= 2^2 + 3^2 + 8^3 + 19^0 + 20^0 = 22 + 32 + 83 + 190 + 200 \\ 527 &:= 1^9 + 2^4 + 6^1 + 20^1 + 22^2 = 19 + 24 + 61 + 201 + 222 & 527 &:= 2^2 + 4^0 + 8^2 + 17^1 + 21^2 = 22 + 40 + 82 + 171 + 212 \\ 527 &:= 1^9 + 2^4 + 7^1 + 19^1 + 22^2 = 19 + 24 + 71 + 191 + 222 & 527 &:= 2^2 + 5^2 + 10^0 + 13^1 + 22^2 = 22 + 52 + 100 + 131 + 222 \\ 527 &:= 1^9 + 2^4 + 8^1 + 18^1 + 22^2 = 19 + 24 + 81 + 181 + 222 & 527 &:= 2^2 + 8^0 + 10^1 + 16^2 + 16^2 = 22 + 80 + 101 + 162 + 162 \\ 527 &:= 1^9 + 2^4 + 9^1 + 17^1 + 22^2 = 19 + 24 + 91 + 171 + 222 & 527 &:= 2^2 + 8^1 + 10^0 + 15^2 + 17^2 = 22 + 81 + 100 + 152 + 172 \\ 527 &:= 1^9 + 2^5 + 9^1 + 17^0 + 22^2 = 19 + 25 + 91 + 170 + 222 & 527 &:= 2^3 + 2^8 + 3^5 + 19^1 + 25^0 = 23 + 28 + 35 + 191 + 250 \\ 527 &:= 1^9 + 3^3 + 11^2 + 17^1 + 19^2 = 19 + 33 + 112 + 171 + 192 & 527 &:= 2^3 + 5^1 + 8^3 + 10^0 + 27^0 = 23 + 51 + 83 + 100 + 270 \\ 527 &:= 1^9 + 3^3 + 9^2 + 18^1 + 20^2 = 19 + 33 + 92 + 181 + 202 & 527 &:= 2^3 + 5^1 + 8^3 + 11^0 + 26^0 = 23 + 51 + 83 + 110 + 260 \\ 527 &:= 1^9 + 3^5 + 5^0 + 16^2 + 26^1 = 19 + 35 + 50 + 162 + 261 & 527 &:= 2^3 + 5^1 + 8^3 + 12^0 + 25^0 = 23 + 51 + 83 + 120 + 250 \\ 527 &:= 1^9 + 4^3 + 11^2 + 17^1 + 18^2 = 19 + 43 + 112 + 171 + 182 & 527 &:= 2^3 + 5^1 + 8^3 + 13^0 + 24^0 = 23 + 51 + 83 + 130 + 240 \\ 527 &:= 1^9 + 4^4 + 10^2 + 13^2 + 23^0 = 19 + 44 + 102 + 132 + 230 & 527 &:= 2^3 + 5^1 + 8^3 + 14^0 + 23^0 = 23 + 51 + 83 + 140 + 230 \\ 527 &:= 1^9 + 6^2 + 7^3 + 11^2 + 26^1 = 19 + 62 + 73 + 112 + 261 & 527 &:= 2^3 + 5^1 + 8^3 + 15^0 + 22^0 = 23 + 51 + 83 + 150 + 220 \\ 527 &:= 1^9 + 6^3 + 11^2 + 13^2 + 20^1 = 19 + 63 + 112 + 132 + 201 & 527 &:= 2^3 + 5^1 + 8^3 + 16^0 + 21^0 = 23 + 51 + 83 + 160 + 210 \\ 527 &:= 1^9 + 6^3 + 8^2 + 15^2 + 21^1 = 19 + 63 + 82 + 152 + 211 & 527 &:= 2^3 + 5^1 + 8^3 + 17^0 + 20^0 = 23 + 51 + 83 + 170 + 200 \\ 527 &:= 2^0 + 11^1 + 11^2 + 13^2 + 15^2 = 20 + 111 + 112 + 132 + 152 & 527 &:= 2^3 + 5^1 + 8^3 + 18^0 + 19^0 = 23 + 51 + 83 + 180 + 190 \\ 527 &:= 2^0 + 2^2 + 12^2 + 17^1 + 19^2 = 20 + 22 + 122 + 171 + 192 & 527 &:= 2^5 + 2^7 + 11^2 + 15^2 + 21^1 = 25 + 27 + 112 + 152 + 211 \\ 527 &:= 2^0 + 2^2 + 4^2 + 22^1 + 22^2 = 20 + 22 + 42 + 221 + 222 & 527 &:= 2^5 + 2^8 + 6^3 + 19^0 + 22^1 = 25 + 28 + 63 + 190 + 221 \\ 527 &:= 2^0 + 3^1 + 3^4 + 21^2 + 23^0 = 20 + 31 + 34 + 212 + 230 & 527 &:= 2^6 + 2^8 + 10^1 + 14^2 + 23^0 = 26 + 28 + 101 + 142 + 230 \\ 527 &:= 2^0 + 3^2 + 10^2 + 17^1 + 20^2 = 20 + 32 + 102 + 171 + 202 & 527 &:= 2^7 + 2^7 + 14^1 + 16^2 + 17^0 = 27 + 27 + 141 + 162 + 170 \\ 527 &:= 2^0 + 4^3 + 10^2 + 17^0 + 19^2 = 20 + 43 + 102 + 170 + 192 & 527 &:= 2^8 + 2^8 + 10^0 + 13^1 + 24^0 = 28 + 28 + 100 + 131 + 240 \\ 527 &:= 2^0 + 4^4 + 13^1 + 16^2 + 17^0 = 20 + 44 + 131 + 162 + 170 & 527 &:= 2^8 + 2^8 + 11^0 + 13^1 + 23^0 = 28 + 28 + 110 + 131 + 230 \\ 527 &:= 2^0 + 5^3 + 12^2 + 16^2 + 17^0 = 20 + 53 + 122 + 162 + 170 & 527 &:= 2^8 + 2^8 + 12^0 + 13^1 + 22^0 = 28 + 28 + 120 + 131 + 220 \\ 527 &:= 2^0 + 8^2 + 12^1 + 15^2 + 15^2 = 20 + 82 + 121 + 152 + 152 & 527 &:= 2^8 + 2^8 + 13^0 + 13^1 + 21^0 = 28 + 28 + 130 + 131 + 210 \\ 527 &:= 2^0 + 9^2 + 12^1 + 12^2 + 17^2 = 20 + 92 + 121 + 122 + 172 & 527 &:= 2^8 + 2^8 + 13^1 + 14^0 + 20^0 = 28 + 28 + 131 + 140 + 200 \\ 527 &:= 2^1 + 10^2 + 10^2 + 12^0 + 18^2 = 21 + 102 + 102 + 120 + 182 & 527 &:= 2^8 + 2^8 + 13^1 + 15^0 + 19^0 = 28 + 28 + 131 + 150 + 190 \\ 527 &:= 2^1 + 2^2 + 14^2 + 16^0 + 18^2 = 21 + 22 + 142 + 160 + 182 & 527 &:= 2^8 + 2^8 + 13^1 + 16^0 + 18^0 = 28 + 28 + 131 + 160 + 180 \\ 527 &:= 2^1 + 2^2 + 6^2 + 20^0 + 22^2 = 21 + 22 + 62 + 200 + 222 & 527 &:= 2^8 + 2^8 + 13^1 + 17^0 + 17^0 = 28 + 28 + 131 + 170 + 170 \end{aligned}$$

$$\begin{aligned} 527 &:= 2^8 + 2^8 + 7^0 + 13^1 + 27^0 = 28 + 28 + 70 + 131 + 270 & 527 &:= 4^1 + 7^3 + 10^1 + 13^2 + 18^0 = 41 + 73 + 101 + 132 + 180 \\ 527 &:= 2^8 + 2^8 + 8^0 + 13^1 + 26^0 = 28 + 28 + 80 + 131 + 260 & 527 &:= 4^1 + 8^2 + 10^0 + 13^2 + 17^2 = 41 + 82 + 100 + 132 + 172 \\ 527 &:= 2^8 + 2^8 + 9^0 + 13^1 + 25^0 = 28 + 28 + 90 + 131 + 250 & 527 &:= 4^2 + 4^2 + 10^1 + 12^0 + 22^2 = 42 + 42 + 101 + 120 + 222 \\ 527 &:= 3^0 + 3^1 + 3^4 + 21^2 + 22^0 = 30 + 31 + 34 + 212 + 220 & 527 &:= 4^2 + 5^1 + 12^0 + 12^2 + 19^2 = 42 + 51 + 120 + 122 + 192 \\ 527 &:= 3^0 + 4^3 + 10^2 + 16^0 + 19^2 = 30 + 43 + 102 + 160 + 192 & 527 &:= 4^2 + 5^1 + 8^2 + 14^0 + 21^2 = 42 + 51 + 82 + 140 + 212 \\ 527 &:= 3^0 + 4^4 + 13^1 + 16^0 + 16^2 = 30 + 44 + 131 + 160 + 162 & 527 &:= 4^2 + 8^0 + 10^1 + 10^2 + 20^2 = 42 + 80 + 101 + 102 + 202 \\ 527 &:= 3^0 + 5^3 + 12^2 + 16^0 + 16^2 = 30 + 53 + 122 + 160 + 162 & 527 &:= 4^3 + 5^0 + 10^2 + 14^0 + 19^2 = 43 + 50 + 102 + 140 + 192 \\ 527 &:= 3^1 + 3^2 + 14^0 + 15^2 + 17^2 = 31 + 32 + 140 + 152 + 172 & 527 &:= 4^3 + 5^1 + 6^0 + 16^1 + 21^2 = 43 + 51 + 60 + 161 + 212 \\ 527 &:= 3^1 + 3^3 + 12^0 + 12^1 + 22^2 = 31 + 33 + 120 + 121 + 222 & 527 &:= 4^3 + 6^0 + 10^1 + 11^1 + 21^2 = 43 + 60 + 101 + 111 + 212 \\ 527 &:= 3^1 + 3^4 + 10^0 + 15^0 + 21^2 = 31 + 34 + 100 + 150 + 212 & 527 &:= 4^3 + 6^0 + 10^2 + 13^0 + 19^2 = 43 + 60 + 102 + 130 + 192 \\ 527 &:= 3^1 + 3^4 + 11^0 + 14^0 + 21^2 = 31 + 34 + 110 + 140 + 212 & 527 &:= 4^3 + 6^0 + 6^1 + 15^1 + 21^2 = 43 + 60 + 61 + 151 + 212 \\ 527 &:= 3^1 + 3^4 + 12^0 + 13^0 + 21^2 = 31 + 34 + 120 + 130 + 212 & 527 &:= 4^3 + 6^0 + 7^1 + 14^1 + 21^2 = 43 + 60 + 71 + 141 + 212 \\ 527 &:= 3^1 + 3^4 + 4^0 + 21^0 + 21^2 = 31 + 34 + 40 + 210 + 212 & 527 &:= 4^3 + 6^0 + 8^1 + 13^1 + 21^2 = 43 + 60 + 81 + 131 + 212 \\ 527 &:= 3^1 + 3^4 + 5^0 + 20^0 + 21^2 = 31 + 34 + 50 + 200 + 212 & 527 &:= 4^3 + 6^0 + 9^1 + 12^1 + 21^2 = 43 + 60 + 91 + 121 + 212 \\ 527 &:= 3^1 + 3^4 + 6^0 + 19^0 + 21^2 = 31 + 34 + 60 + 190 + 212 & 527 &:= 4^3 + 7^0 + 10^2 + 12^0 + 19^2 = 43 + 70 + 102 + 120 + 192 \\ 527 &:= 3^1 + 3^4 + 7^0 + 18^0 + 21^2 = 31 + 34 + 70 + 180 + 212 & 527 &:= 4^3 + 8^0 + 10^2 + 11^0 + 19^2 = 43 + 80 + 102 + 110 + 192 \\ 527 &:= 3^1 + 3^4 + 8^0 + 17^0 + 21^2 = 31 + 34 + 80 + 170 + 212 & 527 &:= 4^3 + 9^0 + 10^0 + 10^2 + 19^2 = 43 + 90 + 100 + 102 + 192 \\ 527 &:= 3^1 + 3^4 + 9^0 + 16^0 + 21^2 = 31 + 34 + 90 + 160 + 212 & 527 &:= 4^4 + 5^0 + 13^1 + 14^0 + 16^2 = 44 + 50 + 131 + 140 + 162 \\ 527 &:= 3^1 + 4^3 + 6^0 + 18^1 + 21^2 = 31 + 43 + 60 + 181 + 212 & 527 &:= 4^4 + 6^0 + 13^0 + 13^1 + 16^2 = 44 + 60 + 130 + 131 + 162 \\ 527 &:= 3^1 + 6^3 + 8^0 + 17^2 + 18^1 = 31 + 63 + 80 + 172 + 181 & 527 &:= 4^4 + 7^0 + 12^0 + 13^1 + 16^2 = 44 + 70 + 120 + 131 + 162 \\ 527 &:= 3^1 + 7^3 + 11^1 + 13^2 + 18^0 = 31 + 73 + 111 + 132 + 180 & 527 &:= 4^4 + 8^0 + 11^0 + 13^1 + 16^2 = 44 + 80 + 110 + 131 + 162 \\ 527 &:= 3^1 + 9^2 + 9^2 + 12^0 + 19^2 = 31 + 92 + 92 + 120 + 192 & 527 &:= 4^4 + 9^0 + 10^0 + 13^1 + 16^2 = 44 + 90 + 100 + 131 + 162 \\ 527 &:= 3^2 + 4^2 + 6^0 + 17^1 + 22^2 = 32 + 42 + 60 + 171 + 222 & 527 &:= 5^0 + 5^3 + 12^2 + 14^0 + 16^2 = 50 + 53 + 122 + 140 + 162 \\ 527 &:= 3^2 + 5^1 + 12^0 + 16^2 + 16^2 = 32 + 51 + 120 + 162 + 162 & 527 &:= 5^1 + 6^2 + 10^0 + 14^2 + 17^2 = 51 + 62 + 100 + 142 + 172 \\ 527 &:= 3^2 + 5^2 + 8^1 + 14^0 + 22^2 = 32 + 52 + 81 + 140 + 222 & 527 &:= 5^1 + 6^3 + 8^0 + 16^1 + 17^2 = 51 + 63 + 80 + 161 + 172 \\ 527 &:= 3^2 + 6^0 + 12^1 + 12^2 + 19^2 = 32 + 60 + 121 + 122 + 192 & 527 &:= 5^1 + 7^3 + 9^1 + 13^2 + 18^0 = 51 + 73 + 91 + 132 + 180 \\ 527 &:= 3^2 + 8^0 + 8^2 + 12^1 + 21^2 = 32 + 80 + 82 + 121 + 212 & 527 &:= 5^1 + 8^0 + 10^2 + 14^2 + 15^2 = 51 + 80 + 102 + 142 + 152 \\ 527 &:= 3^3 + 4^1 + 11^1 + 12^0 + 22^2 = 33 + 41 + 111 + 120 + 222 & 527 &:= 5^1 + 8^0 + 11^2 + 12^2 + 16^2 = 51 + 80 + 112 + 122 + 162 \\ 527 &:= 3^3 + 5^1 + 10^1 + 12^0 + 22^2 = 33 + 51 + 101 + 120 + 222 & 527 &:= 5^2 + 7^2 + 8^0 + 11^1 + 21^2 = 52 + 72 + 80 + 111 + 212 \\ 527 &:= 3^3 + 6^1 + 9^1 + 12^0 + 22^2 = 33 + 61 + 91 + 120 + 222 & 527 &:= 5^2 + 8^0 + 8^1 + 13^2 + 18^2 = 52 + 80 + 81 + 132 + 182 \\ 527 &:= 3^3 + 7^1 + 8^1 + 12^0 + 22^2 = 33 + 71 + 81 + 120 + 222 & 527 &:= 5^3 + 6^0 + 12^2 + 13^0 + 16^2 = 53 + 60 + 122 + 130 + 162 \\ 527 &:= 4^0 + 4^3 + 10^2 + 15^0 + 19^2 = 40 + 43 + 102 + 150 + 192 & 527 &:= 5^3 + 7^0 + 12^0 + 12^2 + 16^2 = 53 + 70 + 120 + 122 + 162 \\ 527 &:= 4^0 + 4^4 + 13^1 + 15^0 + 16^2 = 40 + 44 + 131 + 150 + 162 & 527 &:= 5^3 + 8^0 + 11^0 + 12^2 + 16^2 = 53 + 80 + 110 + 122 + 162 \\ 527 &:= 4^0 + 5^3 + 12^2 + 15^0 + 16^2 = 40 + 53 + 122 + 150 + 162 & 527 &:= 5^3 + 9^0 + 10^0 + 12^2 + 16^2 = 53 + 90 + 100 + 122 + 162 \\ 527 &:= 4^0 + 7^2 + 8^2 + 13^1 + 20^2 = 40 + 72 + 82 + 131 + 202 & 527 &:= 6^0 + 6^2 + 6^2 + 13^1 + 21^2 = 60 + 62 + 62 + 131 + 212 \\ 527 &:= 4^0 + 8^2 + 10^1 + 14^2 + 16^2 = 40 + 82 + 101 + 142 + 162 & 527 &:= 6^0 + 6^2 + 9^1 + 15^2 + 16^2 = 60 + 62 + 91 + 152 + 162 \\ 527 &:= 4^1 + 4^3 + 6^0 + 17^1 + 21^2 = 41 + 43 + 60 + 171 + 212 & 527 &:= 6^0 + 7^2 + 9^1 + 12^2 + 18^2 = 60 + 72 + 91 + 122 + 182 \\ 527 &:= 4^1 + 6^3 + 8^0 + 17^1 + 17^2 = 41 + 63 + 80 + 171 + 172 & 527 &:= 6^1 + 6^3 + 8^0 + 15^1 + 17^2 = 61 + 63 + 80 + 151 + 172 \end{aligned}$$

$$\begin{aligned}
 527 &:= 6^1 + 7^3 + 8^1 + 13^2 + 18^0 = 61 + 73 + 81 + 132 + 180 \\
 527 &:= 6^2 + 8^0 + 8^1 + 11^2 + 19^2 = 62 + 80 + 81 + 112 + 192 \\
 527 &:= 6^2 + 8^0 + 9^1 + 9^2 + 20^2 = 62 + 80 + 91 + 92 + 202 \\
 527 &:= 6^3 + 7^1 + 8^0 + 14^1 + 17^2 = 63 + 71 + 80 + 141 + 172 \\
 527 &:= 6^3 + 8^0 + 10^1 + 11^1 + 17^2 = 63 + 80 + 101 + 111 + 172
 \end{aligned}$$

$$\begin{aligned}
 527 &:= 6^3 + 8^0 + 8^1 + 13^1 + 17^2 = 63 + 80 + 81 + 131 + 172 \\
 527 &:= 6^3 + 8^0 + 9^1 + 12^1 + 17^2 = 63 + 80 + 91 + 121 + 172 \\
 527 &:= 7^1 + 7^1 + 7^3 + 13^2 + 18^0 = 71 + 71 + 73 + 132 + 180
 \end{aligned}$$

2.2.429 Number 528

$$\begin{aligned}
 528 &:= 1^1 + 2^4 + 22^2 + 27^1 = 11 + 24 + 222 + 271 \\
 528 &:= 1^3 + 8^2 + 21^2 + 22^1 = 13 + 82 + 212 + 221 \\
 528 &:= 1^4 + 8^3 + 14^1 + 29^0 = 14 + 83 + 141 + 290 \\
 528 &:= 1^8 + 2^9 + 14^1 + 34^0 = 18 + 29 + 141 + 340 \\
 528 &:= 2^1 + 2^4 + 22^2 + 26^1 = 21 + 24 + 222 + 261 \\
 528 &:= 2^3 + 10^2 + 20^1 + 20^2 = 23 + 102 + 201 + 202 \\
 528 &:= 2^4 + 10^1 + 18^1 + 22^2 = 24 + 101 + 181 + 222 \\
 528 &:= 2^4 + 11^1 + 17^1 + 22^2 = 24 + 111 + 171 + 222 \\
 528 &:= 2^4 + 12^1 + 16^1 + 22^2 = 24 + 121 + 161 + 222 \\
 528 &:= 2^4 + 13^1 + 15^1 + 22^2 = 24 + 131 + 151 + 222 \\
 528 &:= 2^4 + 14^1 + 14^1 + 22^2 = 24 + 141 + 141 + 222 \\
 528 &:= 2^4 + 3^1 + 22^2 + 25^1 = 24 + 31 + 222 + 251 \\
 528 &:= 2^4 + 4^1 + 22^2 + 24^1 = 24 + 41 + 222 + 241 \\
 528 &:= 2^4 + 5^1 + 22^2 + 23^1 = 24 + 51 + 222 + 231 \\
 528 &:= 2^4 + 6^1 + 22^1 + 22^2 = 24 + 61 + 221 + 222 \\
 528 &:= 2^4 + 7^1 + 21^1 + 22^2 = 24 + 71 + 211 + 222 \\
 528 &:= 2^4 + 8^1 + 20^1 + 22^2 = 24 + 81 + 201 + 222 \\
 528 &:= 2^4 + 9^1 + 19^1 + 22^2 = 24 + 91 + 191 + 222 \\
 528 &:= 2^5 + 11^1 + 17^0 + 22^2 = 25 + 111 + 170 + 222 \\
 528 &:= 3^3 + 11^2 + 19^1 + 19^2 = 33 + 112 + 191 + 192 \\
 528 &:= 3^3 + 9^2 + 20^1 + 20^2 = 33 + 92 + 201 + 202 \\
 528 &:= 3^5 + 5^0 + 16^2 + 28^1 = 35 + 50 + 162 + 281 \\
 528 &:= 4^3 + 11^2 + 18^2 + 19^1 = 43 + 112 + 182 + 191 \\
 528 &:= 6^2 + 7^3 + 11^2 + 28^1 = 62 + 73 + 112 + 281 \\
 528 &:= 6^3 + 11^2 + 13^2 + 22^1 = 63 + 112 + 132 + 221 \\
 528 &:= 6^3 + 8^2 + 15^2 + 23^1 = 63 + 82 + 152 + 231 \\
 528 &:= 1^0 + 1^1 + 2^4 + 22^2 + 26^1 = 10 + 11 + 24 + 222 + 261 \\
 528 &:= 1^0 + 1^3 + 5^3 + 20^2 + 25^0 = 10 + 13 + 53 + 202 + 250 \\
 528 &:= 1^0 + 1^3 + 8^2 + 21^1 + 21^2 = 10 + 13 + 82 + 211 + 212 \\
 528 &:= 1^0 + 2^1 + 2^4 + 22^2 + 25^1 = 10 + 21 + 24 + 222 + 251 \\
 528 &:= 1^0 + 2^2 + 3^4 + 21^2 + 25^0 = 10 + 22 + 34 + 212 + 250
 \end{aligned}$$

$$\begin{aligned}
 528 &:= 1^0 + 2^3 + 10^2 + 19^1 + 20^2 = 10 + 23 + 102 + 191 + 202 \\
 528 &:= 1^0 + 2^4 + 10^1 + 17^1 + 22^2 = 10 + 24 + 101 + 171 + 222 \\
 528 &:= 1^0 + 2^4 + 11^1 + 16^1 + 22^2 = 10 + 24 + 111 + 161 + 222 \\
 528 &:= 1^0 + 2^4 + 12^1 + 15^1 + 22^2 = 10 + 24 + 121 + 151 + 222 \\
 528 &:= 1^0 + 2^4 + 13^1 + 14^1 + 22^2 = 10 + 24 + 131 + 141 + 222 \\
 528 &:= 1^0 + 2^4 + 3^1 + 22^2 + 24^1 = 10 + 24 + 31 + 222 + 241 \\
 528 &:= 1^0 + 2^4 + 4^1 + 22^2 + 23^1 = 10 + 24 + 41 + 222 + 231 \\
 528 &:= 1^0 + 2^4 + 5^1 + 22^1 + 22^2 = 10 + 24 + 51 + 221 + 222 \\
 528 &:= 1^0 + 2^4 + 6^1 + 21^1 + 22^2 = 10 + 24 + 61 + 211 + 222 \\
 528 &:= 1^0 + 2^4 + 7^1 + 20^1 + 22^2 = 10 + 24 + 71 + 201 + 222 \\
 528 &:= 1^0 + 2^4 + 8^1 + 19^1 + 22^2 = 10 + 24 + 81 + 191 + 222 \\
 528 &:= 1^0 + 2^4 + 9^1 + 18^1 + 22^2 = 10 + 24 + 91 + 181 + 222 \\
 528 &:= 1^0 + 2^5 + 10^1 + 17^0 + 22^2 = 10 + 25 + 101 + 170 + 222 \\
 528 &:= 1^0 + 3^3 + 11^2 + 18^1 + 19^2 = 10 + 33 + 112 + 181 + 192 \\
 528 &:= 1^0 + 3^3 + 9^2 + 19^1 + 20^2 = 10 + 33 + 92 + 191 + 202 \\
 528 &:= 1^0 + 3^4 + 11^2 + 18^2 + 19^0 = 10 + 34 + 112 + 182 + 190 \\
 528 &:= 1^0 + 3^5 + 5^0 + 16^2 + 27^1 = 10 + 35 + 50 + 162 + 271 \\
 528 &:= 1^0 + 4^3 + 11^2 + 18^1 + 18^2 = 10 + 43 + 112 + 181 + 182 \\
 528 &:= 1^0 + 6^2 + 7^3 + 11^2 + 27^1 = 10 + 62 + 73 + 112 + 271 \\
 528 &:= 1^0 + 6^3 + 11^2 + 13^2 + 21^1 = 10 + 63 + 112 + 132 + 211 \\
 528 &:= 1^0 + 6^3 + 8^2 + 15^2 + 22^1 = 10 + 63 + 82 + 152 + 221 \\
 528 &:= 1^1 + 1^2 + 5^3 + 20^2 + 25^0 = 11 + 12 + 53 + 202 + 250 \\
 528 &:= 1^1 + 1^2 + 8^2 + 21^1 + 21^2 = 11 + 12 + 82 + 211 + 212 \\
 528 &:= 1^1 + 11^2 + 12^1 + 13^2 + 15^2 = 11 + 112 + 121 + 132 + 152 \\
 528 &:= 1^1 + 2^2 + 12^2 + 18^1 + 19^2 = 11 + 22 + 122 + 181 + 192 \\
 528 &:= 1^1 + 2^2 + 4^2 + 22^2 + 23^1 = 11 + 22 + 42 + 222 + 231 \\
 528 &:= 1^1 + 3^2 + 10^2 + 18^1 + 20^2 = 11 + 32 + 102 + 181 + 202 \\
 528 &:= 1^1 + 3^4 + 4^1 + 21^2 + 23^0 = 11 + 34 + 41 + 212 + 230 \\
 528 &:= 1^1 + 4^4 + 14^1 + 16^2 + 17^0 = 11 + 44 + 141 + 162 + 170 \\
 528 &:= 1^1 + 8^2 + 13^1 + 15^2 + 15^2 = 11 + 82 + 131 + 152 + 152 \\
 528 &:= 1^1 + 9^2 + 12^2 + 13^1 + 17^2 = 11 + 92 + 122 + 131 + 172
 \end{aligned}$$

$$\begin{array}{ll}
 528 := 1^2 + 2^1 + 8^2 + 20^1 + 21^2 = 12 + 21 + 82 + 201 + 212 & 528 := 1^4 + 3^0 + 8^3 + 13^1 + 27^0 = 14 + 30 + 83 + 131 + 270 \\
 528 := 1^2 + 2^2 + 9^2 + 19^0 + 21^2 = 12 + 22 + 92 + 190 + 212 & 528 := 1^4 + 4^0 + 8^3 + 13^1 + 26^0 = 14 + 40 + 83 + 131 + 260 \\
 528 := 1^2 + 3^1 + 8^2 + 19^1 + 21^2 = 12 + 31 + 82 + 191 + 212 & 528 := 1^4 + 5^0 + 8^3 + 13^1 + 25^0 = 14 + 50 + 83 + 131 + 250 \\
 528 := 1^2 + 3^3 + 11^0 + 15^1 + 22^2 = 12 + 33 + 110 + 151 + 222 & 528 := 1^4 + 6^0 + 8^3 + 13^1 + 24^0 = 14 + 60 + 83 + 131 + 240 \\
 528 := 1^2 + 4^1 + 8^2 + 18^1 + 21^2 = 12 + 41 + 82 + 181 + 212 & 528 := 1^4 + 7^0 + 8^3 + 13^1 + 23^0 = 14 + 70 + 83 + 131 + 230 \\
 528 := 1^2 + 4^3 + 5^0 + 21^1 + 21^2 = 12 + 43 + 50 + 211 + 212 & 528 := 1^4 + 8^0 + 8^3 + 13^1 + 22^0 = 14 + 80 + 83 + 131 + 220 \\
 528 := 1^2 + 5^1 + 8^2 + 17^1 + 21^2 = 12 + 51 + 82 + 171 + 212 & 528 := 1^4 + 8^3 + 10^0 + 13^1 + 20^0 = 14 + 83 + 100 + 131 + 200 \\
 528 := 1^2 + 6^1 + 8^2 + 16^1 + 21^2 = 12 + 61 + 82 + 161 + 212 & 528 := 1^4 + 8^3 + 11^0 + 13^1 + 19^0 = 14 + 83 + 110 + 131 + 190 \\
 528 := 1^2 + 6^2 + 7^2 + 17^0 + 21^2 = 12 + 62 + 72 + 170 + 212 & 528 := 1^4 + 8^3 + 12^0 + 13^1 + 18^0 = 14 + 83 + 120 + 131 + 180 \\
 528 := 1^2 + 6^3 + 7^0 + 17^2 + 21^1 = 12 + 63 + 70 + 172 + 211 & 528 := 1^4 + 8^3 + 13^0 + 13^1 + 17^0 = 14 + 83 + 130 + 131 + 170 \\
 528 := 1^2 + 7^1 + 8^2 + 15^1 + 21^2 = 12 + 71 + 82 + 151 + 212 & 528 := 1^4 + 8^3 + 13^1 + 14^0 + 16^0 = 14 + 83 + 131 + 140 + 160 \\
 528 := 1^2 + 7^3 + 13^2 + 14^1 + 17^0 = 12 + 73 + 132 + 141 + 170 & 528 := 1^4 + 8^3 + 13^1 + 15^0 + 15^0 = 14 + 83 + 131 + 150 + 150 \\
 528 := 1^2 + 8^1 + 8^2 + 14^1 + 21^2 = 12 + 81 + 82 + 141 + 212 & 528 := 1^4 + 8^3 + 9^0 + 13^1 + 21^0 = 14 + 83 + 90 + 131 + 210 \\
 528 := 1^2 + 8^2 + 10^1 + 12^1 + 21^2 = 12 + 82 + 101 + 121 + 212 & 528 := 1^5 + 1^8 + 5^3 + 20^2 + 24^0 = 15 + 18 + 53 + 202 + 240 \\
 528 := 1^2 + 8^2 + 11^1 + 11^1 + 21^2 = 12 + 82 + 111 + 111 + 212 & 528 := 1^6 + 1^7 + 5^3 + 20^2 + 24^0 = 16 + 17 + 53 + 202 + 240 \\
 528 := 1^2 + 8^2 + 9^1 + 13^1 + 21^2 = 12 + 82 + 91 + 131 + 212 & 528 := 1^7 + 2^8 + 14^1 + 16^2 + 18^0 = 17 + 28 + 141 + 162 + 180 \\
 528 := 1^2 + 9^2 + 11^2 + 13^0 + 18^2 = 12 + 92 + 112 + 130 + 182 & 528 := 1^8 + 2^9 + 10^0 + 13^1 + 25^0 = 18 + 29 + 100 + 131 + 250 \\
 528 := 1^3 + 2^0 + 5^3 + 20^2 + 24^0 = 13 + 20 + 53 + 202 + 240 & 528 := 1^8 + 2^9 + 11^0 + 13^1 + 24^0 = 18 + 29 + 110 + 131 + 240 \\
 528 := 1^3 + 3^0 + 5^3 + 20^2 + 23^0 = 13 + 30 + 53 + 202 + 230 & 528 := 1^8 + 2^9 + 12^0 + 13^1 + 23^0 = 18 + 29 + 120 + 131 + 230 \\
 528 := 1^3 + 4^0 + 5^3 + 20^2 + 22^0 = 13 + 40 + 53 + 202 + 220 & 528 := 1^8 + 2^9 + 13^0 + 13^1 + 22^0 = 18 + 29 + 130 + 131 + 220 \\
 528 := 1^3 + 4^1 + 9^2 + 17^0 + 21^2 = 13 + 41 + 92 + 170 + 212 & 528 := 1^8 + 2^9 + 13^1 + 14^0 + 21^0 = 18 + 29 + 131 + 140 + 210 \\
 528 := 1^3 + 5^0 + 14^1 + 16^2 + 16^2 = 13 + 50 + 141 + 162 + 162 & 528 := 1^8 + 2^9 + 13^1 + 15^0 + 20^0 = 18 + 29 + 131 + 150 + 200 \\
 528 := 1^3 + 5^0 + 5^3 + 20^2 + 21^0 = 13 + 50 + 53 + 202 + 210 & 528 := 1^8 + 2^9 + 13^1 + 16^0 + 19^0 = 18 + 29 + 131 + 160 + 190 \\
 528 := 1^3 + 5^1 + 11^2 + 15^0 + 20^2 = 13 + 51 + 112 + 150 + 202 & 528 := 1^8 + 2^9 + 13^1 + 17^0 + 18^0 = 18 + 29 + 131 + 170 + 180 \\
 528 := 1^3 + 5^2 + 7^0 + 17^1 + 22^2 = 13 + 52 + 70 + 171 + 222 & 528 := 1^8 + 2^9 + 8^0 + 13^1 + 27^0 = 18 + 29 + 80 + 131 + 270 \\
 528 := 1^3 + 5^3 + 10^0 + 16^0 + 20^2 = 13 + 53 + 100 + 160 + 202 & 528 := 1^8 + 2^9 + 9^0 + 13^1 + 26^0 = 18 + 29 + 90 + 131 + 260 \\
 528 := 1^3 + 5^3 + 11^0 + 15^0 + 20^2 = 13 + 53 + 110 + 150 + 202 & 528 := 1^8 + 3^5 + 4^4 + 16^0 + 27^1 = 18 + 35 + 44 + 160 + 271 \\
 528 := 1^3 + 5^3 + 12^0 + 14^0 + 20^2 = 13 + 53 + 120 + 140 + 202 & 528 := 1^9 + 2^6 + 6^0 + 21^1 + 21^2 = 19 + 26 + 60 + 211 + 212 \\
 528 := 1^3 + 5^3 + 13^0 + 13^0 + 20^2 = 13 + 53 + 130 + 130 + 202 & 528 := 2^0 + 2^2 + 3^4 + 21^2 + 24^0 = 20 + 22 + 34 + 212 + 240 \\
 528 := 1^3 + 5^3 + 6^0 + 20^0 + 20^2 = 13 + 53 + 60 + 200 + 202 & 528 := 2^0 + 2^5 + 10^1 + 16^0 + 22^2 = 20 + 25 + 101 + 160 + 222 \\
 528 := 1^3 + 5^3 + 7^0 + 19^0 + 20^2 = 13 + 53 + 70 + 190 + 202 & 528 := 2^0 + 3^4 + 11^2 + 18^0 + 18^2 = 20 + 34 + 112 + 180 + 182 \\
 528 := 1^3 + 5^3 + 8^0 + 18^0 + 20^2 = 13 + 53 + 80 + 180 + 202 & 528 := 2^0 + 3^5 + 4^0 + 16^2 + 27^1 = 20 + 35 + 40 + 162 + 271 \\
 528 := 1^3 + 5^3 + 9^0 + 17^0 + 20^2 = 13 + 53 + 90 + 170 + 202 & 528 := 2^1 + 11^1 + 11^2 + 13^2 + 15^2 = 21 + 111 + 112 + 132 + 152 \\
 528 := 1^3 + 6^1 + 13^0 + 14^2 + 18^2 = 13 + 61 + 130 + 142 + 182 & 528 := 2^1 + 2^2 + 12^2 + 17^1 + 19^2 = 21 + 22 + 122 + 171 + 192 \\
 528 := 1^3 + 6^1 + 6^2 + 17^0 + 22^2 = 13 + 61 + 62 + 170 + 222 & 528 := 2^1 + 2^2 + 4^2 + 22^1 + 22^2 = 21 + 22 + 42 + 221 + 222 \\
 528 := 1^3 + 7^0 + 12^1 + 15^2 + 17^2 = 13 + 70 + 121 + 152 + 172 & 528 := 2^1 + 3^1 + 3^4 + 21^2 + 23^0 = 21 + 31 + 34 + 212 + 230 \\
 528 := 1^4 + 1^9 + 5^3 + 20^2 + 24^0 = 14 + 19 + 53 + 202 + 240 & 528 := 2^1 + 3^2 + 10^2 + 17^1 + 20^2 = 21 + 32 + 102 + 171 + 202 \\
 528 := 1^4 + 2^8 + 3^5 + 18^0 + 27^1 = 14 + 28 + 35 + 180 + 271 & 528 := 2^1 + 4^3 + 10^2 + 17^0 + 19^2 = 21 + 43 + 102 + 170 + 192
 \end{array}$$

$$\begin{aligned} 528 &:= 2^1 + 4^4 + 13^1 + 16^2 + 17^0 = 21 + 44 + 131 + 162 + 170 & 528 &:= 2^3 + 4^2 + 5^0 + 19^1 + 22^2 = 23 + 42 + 50 + 191 + 222 \\ 528 &:= 2^1 + 5^3 + 12^2 + 16^2 + 17^0 = 21 + 53 + 122 + 162 + 170 & 528 &:= 2^3 + 5^0 + 12^2 + 14^1 + 19^2 = 23 + 50 + 122 + 141 + 192 \\ 528 &:= 2^1 + 8^2 + 12^1 + 15^2 + 15^2 = 21 + 82 + 121 + 152 + 152 & 528 &:= 2^3 + 5^1 + 13^0 + 15^2 + 17^2 = 23 + 51 + 130 + 152 + 172 \\ 528 &:= 2^1 + 9^2 + 12^1 + 12^2 + 17^2 = 21 + 92 + 121 + 122 + 172 & 528 &:= 2^3 + 5^2 + 10^1 + 13^0 + 22^2 = 23 + 52 + 101 + 130 + 222 \\ 528 &:= 2^2 + 3^0 + 3^4 + 21^2 + 23^0 = 22 + 30 + 34 + 212 + 230 & 528 &:= 2^3 + 7^0 + 8^2 + 14^1 + 21^2 = 23 + 70 + 82 + 141 + 212 \\ 528 &:= 2^2 + 3^1 + 12^2 + 16^1 + 19^2 = 22 + 31 + 122 + 161 + 192 & 528 &:= 2^3 + 7^1 + 11^0 + 16^2 + 16^2 = 23 + 71 + 110 + 162 + 162 \\ 528 &:= 2^2 + 3^1 + 4^2 + 21^1 + 22^2 = 22 + 31 + 42 + 211 + 222 & 528 &:= 2^5 + 3^0 + 10^1 + 15^0 + 22^2 = 25 + 30 + 101 + 150 + 222 \\ 528 &:= 2^2 + 3^2 + 15^0 + 15^2 + 17^2 = 22 + 32 + 150 + 152 + 172 & 528 &:= 2^5 + 4^0 + 10^1 + 14^0 + 22^2 = 25 + 40 + 101 + 140 + 222 \\ 528 &:= 2^2 + 3^3 + 12^1 + 13^0 + 22^2 = 22 + 33 + 121 + 130 + 222 & 528 &:= 2^5 + 5^0 + 10^1 + 13^0 + 22^2 = 25 + 50 + 101 + 130 + 222 \\ 528 &:= 2^2 + 3^4 + 10^0 + 16^0 + 21^2 = 22 + 34 + 100 + 160 + 212 & 528 &:= 2^5 + 6^0 + 10^1 + 12^0 + 22^2 = 25 + 60 + 101 + 120 + 222 \\ 528 &:= 2^2 + 3^4 + 11^0 + 15^0 + 21^2 = 22 + 34 + 110 + 150 + 212 & 528 &:= 2^5 + 7^0 + 10^1 + 11^0 + 22^2 = 25 + 70 + 101 + 110 + 222 \\ 528 &:= 2^2 + 3^4 + 12^0 + 14^0 + 21^2 = 22 + 34 + 120 + 140 + 212 & 528 &:= 2^5 + 8^0 + 10^0 + 10^1 + 22^2 = 25 + 80 + 100 + 101 + 222 \\ 528 &:= 2^2 + 3^4 + 13^0 + 13^0 + 21^2 = 22 + 34 + 130 + 130 + 212 & 528 &:= 2^5 + 9^0 + 9^0 + 10^1 + 22^2 = 25 + 90 + 90 + 101 + 222 \\ 528 &:= 2^2 + 3^4 + 4^0 + 21^2 + 22^0 = 22 + 34 + 40 + 212 + 220 & 528 &:= 2^7 + 2^8 + 11^2 + 14^0 + 22^1 = 27 + 28 + 112 + 140 + 221 \\ 528 &:= 2^2 + 3^4 + 5^0 + 21^0 + 21^2 = 22 + 34 + 50 + 210 + 212 & 528 &:= 3^0 + 3^0 + 3^5 + 16^2 + 27^1 = 30 + 30 + 35 + 162 + 271 \\ 528 &:= 2^2 + 3^4 + 6^0 + 20^0 + 21^2 = 22 + 34 + 60 + 200 + 212 & 528 &:= 3^0 + 3^3 + 14^2 + 15^1 + 17^2 = 30 + 33 + 142 + 151 + 172 \\ 528 &:= 2^2 + 3^4 + 7^0 + 19^0 + 21^2 = 22 + 34 + 70 + 190 + 212 & 528 &:= 3^0 + 3^4 + 11^2 + 17^0 + 18^2 = 30 + 34 + 112 + 170 + 182 \\ 528 &:= 2^2 + 3^4 + 8^0 + 18^0 + 21^2 = 22 + 34 + 80 + 180 + 212 & 528 &:= 3^1 + 10^1 + 11^2 + 13^2 + 15^2 = 31 + 101 + 112 + 132 + 152 \\ 528 &:= 2^2 + 3^4 + 9^0 + 17^0 + 21^2 = 22 + 34 + 90 + 170 + 212 & 528 &:= 3^1 + 3^2 + 10^2 + 16^1 + 20^2 = 31 + 32 + 102 + 161 + 202 \\ 528 &:= 2^2 + 4^1 + 12^2 + 15^1 + 19^2 = 22 + 41 + 122 + 151 + 192 & 528 &:= 3^1 + 4^4 + 12^1 + 16^2 + 17^0 = 31 + 44 + 121 + 162 + 170 \\ 528 &:= 2^2 + 4^1 + 4^2 + 20^1 + 22^2 = 22 + 41 + 42 + 201 + 222 & 528 &:= 3^1 + 7^3 + 9^2 + 10^2 + 23^0 = 31 + 73 + 92 + 102 + 230 \\ 528 &:= 2^2 + 4^2 + 10^1 + 14^1 + 22^2 = 22 + 42 + 101 + 141 + 222 & 528 &:= 3^1 + 8^2 + 11^1 + 15^2 + 15^2 = 31 + 82 + 111 + 152 + 152 \\ 528 &:= 2^2 + 4^2 + 11^1 + 13^1 + 22^2 = 22 + 42 + 111 + 131 + 222 & 528 &:= 3^1 + 9^2 + 11^1 + 12^2 + 17^2 = 31 + 92 + 111 + 122 + 172 \\ 528 &:= 2^2 + 4^2 + 12^1 + 12^1 + 22^2 = 22 + 42 + 121 + 121 + 222 & 528 &:= 3^2 + 3^2 + 5^2 + 19^0 + 22^2 = 32 + 32 + 52 + 190 + 222 \\ 528 &:= 2^2 + 4^2 + 5^1 + 19^1 + 22^2 = 22 + 42 + 51 + 191 + 222 & 528 &:= 3^2 + 3^3 + 7^1 + 17^0 + 22^2 = 32 + 33 + 71 + 170 + 222 \\ 528 &:= 2^2 + 4^2 + 6^1 + 18^1 + 22^2 = 22 + 42 + 61 + 181 + 222 & 528 &:= 3^2 + 4^1 + 10^2 + 15^1 + 20^2 = 32 + 41 + 102 + 151 + 202 \\ 528 &:= 2^2 + 4^2 + 7^1 + 17^1 + 22^2 = 22 + 42 + 71 + 171 + 222 & 528 &:= 3^2 + 4^3 + 11^0 + 13^1 + 21^2 = 32 + 43 + 110 + 131 + 212 \\ 528 &:= 2^2 + 4^2 + 8^1 + 16^1 + 22^2 = 22 + 42 + 81 + 161 + 222 & 528 &:= 3^2 + 5^1 + 10^2 + 14^1 + 20^2 = 32 + 51 + 102 + 141 + 202 \\ 528 &:= 2^2 + 4^2 + 9^1 + 15^1 + 22^2 = 22 + 42 + 91 + 151 + 222 & 528 &:= 3^2 + 5^2 + 13^0 + 13^2 + 18^2 = 32 + 52 + 130 + 132 + 182 \\ 528 &:= 2^2 + 4^3 + 7^0 + 18^1 + 21^2 = 22 + 43 + 70 + 181 + 212 & 528 &:= 3^2 + 6^1 + 10^2 + 13^1 + 20^2 = 32 + 61 + 102 + 131 + 202 \\ 528 &:= 2^2 + 5^1 + 12^2 + 14^1 + 19^2 = 22 + 51 + 122 + 141 + 192 & 528 &:= 3^2 + 6^1 + 7^3 + 13^2 + 23^0 = 32 + 61 + 73 + 132 + 230 \\ 528 &:= 2^2 + 6^1 + 12^2 + 13^1 + 19^2 = 22 + 61 + 122 + 131 + 192 & 528 &:= 3^2 + 6^2 + 11^2 + 13^0 + 19^2 = 32 + 62 + 112 + 130 + 192 \\ 528 &:= 2^2 + 6^3 + 9^0 + 17^2 + 18^1 = 22 + 63 + 90 + 172 + 181 & 528 &:= 3^2 + 6^3 + 13^0 + 13^1 + 17^2 = 32 + 63 + 130 + 131 + 172 \\ 528 &:= 2^2 + 7^1 + 12^1 + 12^2 + 19^2 = 22 + 71 + 121 + 122 + 192 & 528 &:= 3^2 + 7^1 + 10^2 + 12^1 + 20^2 = 32 + 71 + 102 + 121 + 202 \\ 528 &:= 2^2 + 7^3 + 11^1 + 13^2 + 19^0 = 22 + 73 + 111 + 132 + 190 & 528 &:= 3^2 + 8^1 + 10^2 + 11^1 + 20^2 = 32 + 81 + 102 + 111 + 202 \\ 528 &:= 2^2 + 8^1 + 11^1 + 12^2 + 19^2 = 22 + 81 + 111 + 122 + 192 & 528 &:= 3^2 + 9^1 + 10^1 + 10^2 + 20^2 = 32 + 91 + 101 + 102 + 202 \\ 528 &:= 2^2 + 9^1 + 10^1 + 12^2 + 19^2 = 22 + 91 + 101 + 122 + 192 & 528 &:= 3^3 + 7^1 + 11^0 + 13^2 + 18^2 = 33 + 71 + 110 + 132 + 182 \\ 528 &:= 2^2 + 9^2 + 9^2 + 13^0 + 19^2 = 22 + 92 + 92 + 130 + 192 & 528 &:= 3^3 + 7^2 + 10^1 + 11^0 + 21^2 = 33 + 72 + 101 + 110 + 212 \end{aligned}$$

$$\begin{aligned}
 528 &:= 3^4 + 10^0 + 10^0 + 11^2 + 18^2 = 34 + 100 + 100 + 112 + 182 \\
 528 &:= 3^4 + 4^0 + 11^2 + 16^0 + 18^2 = 34 + 40 + 112 + 160 + 182 \\
 528 &:= 3^4 + 5^0 + 11^2 + 15^0 + 18^2 = 34 + 50 + 112 + 150 + 182 \\
 528 &:= 3^4 + 6^0 + 11^2 + 14^0 + 18^2 = 34 + 60 + 112 + 140 + 182 \\
 528 &:= 3^4 + 7^0 + 11^2 + 13^0 + 18^2 = 34 + 70 + 112 + 130 + 182 \\
 528 &:= 3^4 + 8^0 + 11^2 + 12^0 + 18^2 = 34 + 80 + 112 + 120 + 182 \\
 528 &:= 3^4 + 9^0 + 11^0 + 11^2 + 18^2 = 34 + 90 + 110 + 112 + 182 \\
 528 &:= 4^1 + 4^4 + 11^1 + 16^2 + 17^0 = 41 + 44 + 111 + 162 + 170 \\
 528 &:= 4^1 + 6^2 + 7^3 + 12^2 + 23^0 = 41 + 62 + 73 + 122 + 230 \\
 528 &:= 4^1 + 8^2 + 10^1 + 15^2 + 15^2 = 41 + 82 + 101 + 152 + 152 \\
 528 &:= 4^1 + 9^1 + 11^2 + 13^2 + 15^2 = 41 + 91 + 112 + 132 + 152 \\
 528 &:= 4^1 + 9^2 + 10^1 + 12^2 + 17^2 = 41 + 92 + 101 + 122 + 172 \\
 528 &:= 4^2 + 4^3 + 6^1 + 17^0 + 21^2 = 42 + 43 + 61 + 170 + 212 \\
 528 &:= 4^2 + 5^0 + 7^3 + 12^2 + 24^1 = 42 + 50 + 73 + 122 + 241 \\
 528 &:= 4^2 + 6^1 + 6^3 + 17^2 + 19^0 = 42 + 61 + 63 + 172 + 190 \\
 528 &:= 4^3 + 5^0 + 13^1 + 15^2 + 15^2 = 43 + 50 + 131 + 152 + 152 \\
 528 &:= 4^3 + 5^1 + 13^0 + 13^2 + 17^2 = 43 + 51 + 130 + 132 + 172 \\
 528 &:= 4^3 + 7^0 + 11^1 + 14^2 + 16^2 = 43 + 70 + 111 + 142 + 162 \\
 528 &:= 4^3 + 7^0 + 7^2 + 14^1 + 20^2 = 43 + 70 + 72 + 141 + 202 \\
 528 &:= 4^4 + 5^1 + 10^1 + 16^2 + 17^0 = 44 + 51 + 101 + 162 + 170 \\
 528 &:= 4^4 + 6^1 + 9^1 + 16^2 + 17^0 = 44 + 61 + 91 + 162 + 170 \\
 528 &:= 4^4 + 7^1 + 8^1 + 16^2 + 17^0 = 44 + 71 + 81 + 162 + 170 \\
 528 &:= 5^0 + 6^2 + 6^3 + 16^2 + 19^1 = 50 + 62 + 63 + 162 + 191 \\
 528 &:= 5^0 + 7^3 + 9^2 + 9^2 + 22^1 = 50 + 73 + 92 + 92 + 221 \\
 528 &:= 5^1 + 5^3 + 6^2 + 17^0 + 19^2 = 51 + 53 + 62 + 170 + 192 \\
 528 &:= 5^1 + 6^3 + 9^2 + 15^2 + 17^0 = 51 + 63 + 92 + 152 + 170
 \end{aligned}$$

$$\begin{aligned}
 528 &:= 5^1 + 8^1 + 11^2 + 13^2 + 15^2 = 51 + 81 + 112 + 132 + 152 \\
 528 &:= 5^1 + 8^2 + 9^1 + 15^2 + 15^2 = 51 + 82 + 91 + 152 + 152 \\
 528 &:= 5^1 + 9^1 + 9^2 + 12^2 + 17^2 = 51 + 91 + 92 + 122 + 172 \\
 528 &:= 5^2 + 5^2 + 6^2 + 15^0 + 21^2 = 52 + 52 + 62 + 150 + 212 \\
 528 &:= 5^2 + 5^3 + 7^0 + 16^1 + 19^2 = 52 + 53 + 70 + 161 + 192 \\
 528 &:= 5^2 + 7^3 + 12^2 + 13^0 + 15^1 = 52 + 73 + 122 + 130 + 151 \\
 528 &:= 5^2 + 9^0 + 9^2 + 14^2 + 15^2 = 52 + 90 + 92 + 142 + 152 \\
 528 &:= 5^3 + 7^0 + 10^2 + 13^1 + 17^2 = 53 + 70 + 102 + 131 + 172 \\
 528 &:= 5^3 + 7^0 + 8^2 + 14^1 + 18^2 = 53 + 70 + 82 + 141 + 182 \\
 528 &:= 5^3 + 8^1 + 11^0 + 13^2 + 15^2 = 53 + 81 + 110 + 132 + 152 \\
 528 &:= 5^3 + 9^0 + 10^1 + 14^2 + 14^2 = 53 + 90 + 101 + 142 + 142 \\
 528 &:= 6^1 + 6^3 + 7^2 + 16^2 + 17^0 = 61 + 63 + 72 + 162 + 170 \\
 528 &:= 6^1 + 7^1 + 11^2 + 13^2 + 15^2 = 61 + 71 + 112 + 132 + 152 \\
 528 &:= 6^1 + 8^1 + 8^2 + 15^2 + 15^2 = 61 + 81 + 82 + 152 + 152 \\
 528 &:= 6^1 + 8^1 + 9^2 + 12^2 + 17^2 = 61 + 81 + 92 + 122 + 172 \\
 528 &:= 6^2 + 7^2 + 9^2 + 11^0 + 19^2 = 62 + 72 + 92 + 110 + 192 \\
 528 &:= 6^2 + 9^0 + 9^2 + 11^2 + 17^2 = 62 + 90 + 92 + 112 + 172 \\
 528 &:= 6^3 + 7^0 + 10^2 + 14^2 + 15^1 = 63 + 70 + 102 + 142 + 151 \\
 528 &:= 7^0 + 7^3 + 8^2 + 10^2 + 20^1 = 70 + 73 + 82 + 102 + 201 \\
 528 &:= 7^0 + 9^2 + 10^2 + 11^2 + 15^2 = 70 + 92 + 102 + 112 + 152 \\
 528 &:= 7^0 + 9^2 + 9^2 + 13^2 + 14^2 = 70 + 92 + 92 + 132 + 142 \\
 528 &:= 7^1 + 7^1 + 8^2 + 15^2 + 15^2 = 71 + 71 + 82 + 152 + 152 \\
 528 &:= 7^1 + 7^1 + 9^2 + 12^2 + 17^2 = 71 + 71 + 92 + 122 + 172 \\
 528 &:= 7^2 + 7^3 + 11^2 + 13^0 + 14^1 = 72 + 73 + 112 + 130 + 141
 \end{aligned}$$

2.2.430 Number 529

$$\begin{aligned}
 529 &:= 2^7 + 20^2 + 30^0 = 27 + 202 + 300 \\
 529 &:= 1^5 + 8^3 + 15^1 + 28^0 = 15 + 83 + 151 + 280 \\
 529 &:= 1^9 + 2^9 + 15^1 + 33^0 = 19 + 29 + 151 + 330 \\
 529 &:= 2^3 + 2^3 + 8^3 + 40^0 = 23 + 23 + 83 + 400 \\
 529 &:= 2^4 + 7^3 + 13^2 + 30^0 = 24 + 73 + 132 + 300 \\
 529 &:= 2^6 + 6^0 + 21^2 + 23^1 = 26 + 60 + 212 + 231 \\
 529 &:= 4^4 + 4^4 + 16^1 + 28^0 = 44 + 44 + 161 + 280 \\
 529 &:= 1^0 + 2^4 + 3^3 + 22^2 + 24^0 = 10 + 24 + 33 + 222 + 240 \\
 529 &:= 1^0 + 2^6 + 6^0 + 21^2 + 22^1 = 10 + 26 + 60 + 212 + 221 \\
 529 &:= 1^1 + 2^5 + 11^1 + 16^0 + 22^2 = 11 + 25 + 111 + 160 + 222
 \end{aligned}$$

$$\begin{aligned}
 529 &:= 1^2 + 3^3 + 10^2 + 18^0 + 20^2 = 12 + 33 + 102 + 180 + 202 \\
 529 &:= 1^2 + 3^3 + 4^2 + 22^0 + 22^2 = 12 + 33 + 42 + 220 + 222 \\
 529 &:= 1^2 + 3^4 + 5^1 + 21^2 + 22^0 = 12 + 34 + 51 + 212 + 220 \\
 529 &:= 1^2 + 4^4 + 15^1 + 16^0 + 16^2 = 12 + 44 + 151 + 160 + 162 \\
 529 &:= 1^3 + 2^1 + 5^3 + 20^2 + 24^0 = 13 + 21 + 53 + 202 + 240 \\
 529 &:= 1^3 + 3^3 + 10^0 + 16^1 + 22^2 = 13 + 33 + 100 + 161 + 222 \\
 529 &:= 1^3 + 4^0 + 4^3 + 21^2 + 22^1 = 13 + 40 + 43 + 212 + 221 \\
 529 &:= 1^3 + 6^0 + 6^3 + 17^2 + 22^1 = 13 + 60 + 63 + 172 + 221 \\
 529 &:= 1^3 + 7^3 + 13^2 + 15^1 + 16^0 = 13 + 73 + 132 + 151 + 160 \\
 529 &:= 1^4 + 4^0 + 15^1 + 16^2 + 16^2 = 14 + 40 + 151 + 162 + 162
 \end{aligned}$$

$$\begin{aligned} 529 &:= 1^4 + 5^1 + 9^2 + 16^0 + 21^2 = 14 + 51 + 92 + 160 + 212 \\ 529 &:= 1^4 + 5^2 + 6^0 + 18^1 + 22^2 = 14 + 52 + 60 + 181 + 222 \\ 529 &:= 1^4 + 6^0 + 13^1 + 15^2 + 17^2 = 14 + 60 + 131 + 152 + 172 \\ 529 &:= 1^4 + 6^1 + 11^2 + 14^0 + 20^2 = 14 + 61 + 112 + 140 + 202 \\ 529 &:= 1^4 + 6^2 + 7^1 + 16^0 + 22^2 = 14 + 62 + 71 + 160 + 222 \\ 529 &:= 1^4 + 7^1 + 12^0 + 14^2 + 18^2 = 14 + 71 + 120 + 142 + 182 \\ 529 &:= 1^5 + 2^0 + 8^3 + 14^1 + 27^0 = 15 + 20 + 83 + 141 + 270 \\ 529 &:= 1^5 + 3^0 + 8^3 + 14^1 + 26^0 = 15 + 30 + 83 + 141 + 260 \\ 529 &:= 1^5 + 4^0 + 8^3 + 14^1 + 25^0 = 15 + 40 + 83 + 141 + 250 \\ 529 &:= 1^5 + 5^0 + 8^3 + 14^1 + 24^0 = 15 + 50 + 83 + 141 + 240 \\ 529 &:= 1^5 + 6^0 + 8^3 + 14^1 + 23^0 = 15 + 60 + 83 + 141 + 230 \\ 529 &:= 1^5 + 7^0 + 8^3 + 14^1 + 22^0 = 15 + 70 + 83 + 141 + 220 \\ 529 &:= 1^5 + 8^0 + 8^3 + 14^1 + 21^0 = 15 + 80 + 83 + 141 + 210 \\ 529 &:= 1^5 + 8^3 + 10^0 + 14^1 + 19^0 = 15 + 83 + 100 + 141 + 190 \\ 529 &:= 1^5 + 8^3 + 11^0 + 14^1 + 18^0 = 15 + 83 + 110 + 141 + 180 \\ 529 &:= 1^5 + 8^3 + 12^0 + 14^1 + 17^0 = 15 + 83 + 120 + 141 + 170 \\ 529 &:= 1^5 + 8^3 + 13^0 + 14^1 + 16^0 = 15 + 83 + 130 + 141 + 160 \\ 529 &:= 1^5 + 8^3 + 14^0 + 14^1 + 15^0 = 15 + 83 + 140 + 141 + 150 \\ 529 &:= 1^5 + 8^3 + 9^0 + 14^1 + 20^0 = 15 + 83 + 90 + 141 + 200 \\ 529 &:= 1^6 + 1^9 + 8^3 + 14^1 + 27^0 = 16 + 19 + 83 + 141 + 270 \\ 529 &:= 1^6 + 2^8 + 7^2 + 14^2 + 27^1 = 16 + 28 + 72 + 142 + 271 \\ 529 &:= 1^7 + 1^8 + 8^3 + 14^1 + 27^0 = 17 + 18 + 83 + 141 + 270 \\ 529 &:= 1^8 + 2^6 + 11^2 + 18^2 + 19^1 = 18 + 26 + 112 + 182 + 191 \\ 529 &:= 1^8 + 2^8 + 15^1 + 16^2 + 17^0 = 18 + 28 + 151 + 162 + 170 \\ 529 &:= 1^9 + 2^9 + 10^0 + 14^1 + 24^0 = 19 + 29 + 100 + 141 + 240 \\ 529 &:= 1^9 + 2^9 + 11^0 + 14^1 + 23^0 = 19 + 29 + 110 + 141 + 230 \\ 529 &:= 1^9 + 2^9 + 12^0 + 14^1 + 22^0 = 19 + 29 + 120 + 141 + 220 \\ 529 &:= 1^9 + 2^9 + 13^0 + 14^1 + 21^0 = 19 + 29 + 130 + 141 + 210 \\ 529 &:= 1^9 + 2^9 + 14^0 + 14^1 + 20^0 = 19 + 29 + 140 + 141 + 200 \\ 529 &:= 1^9 + 2^9 + 14^1 + 15^0 + 19^0 = 19 + 29 + 141 + 150 + 190 \\ 529 &:= 1^9 + 2^9 + 14^1 + 16^0 + 18^0 = 19 + 29 + 141 + 160 + 180 \\ 529 &:= 1^9 + 2^9 + 14^1 + 17^0 + 17^0 = 19 + 29 + 141 + 170 + 170 \\ 529 &:= 1^9 + 2^9 + 7^0 + 14^1 + 27^0 = 19 + 29 + 70 + 141 + 270 \\ 529 &:= 1^9 + 2^9 + 8^0 + 14^1 + 26^0 = 19 + 29 + 80 + 141 + 260 \\ 529 &:= 1^9 + 2^9 + 9^0 + 14^1 + 25^0 = 19 + 29 + 90 + 141 + 250 \\ 529 &:= 1^9 + 3^5 + 8^2 + 14^2 + 25^1 = 19 + 35 + 82 + 142 + 251 \\ 529 &:= 2^0 + 2^2 + 2^4 + 22^2 + 24^1 = 20 + 22 + 24 + 222 + 241 \\ 529 &:= 2^0 + 2^4 + 3^3 + 22^2 + 23^0 = 20 + 24 + 33 + 222 + 230 \end{aligned}$$

$$\begin{aligned} 529 &:= 2^0 + 2^6 + 5^0 + 21^2 + 22^1 = 20 + 26 + 50 + 212 + 221 \\ 529 &:= 2^0 + 3^4 + 5^2 + 20^2 + 22^1 = 20 + 34 + 52 + 202 + 221 \\ 529 &:= 2^0 + 4^4 + 4^4 + 15^1 + 27^0 = 20 + 44 + 44 + 151 + 270 \\ 529 &:= 2^1 + 2^2 + 3^4 + 21^2 + 24^0 = 21 + 22 + 34 + 212 + 240 \\ 529 &:= 2^1 + 2^5 + 10^1 + 16^0 + 22^2 = 21 + 25 + 101 + 160 + 222 \\ 529 &:= 2^1 + 3^4 + 11^2 + 18^0 + 18^2 = 21 + 34 + 112 + 180 + 182 \\ 529 &:= 2^1 + 3^5 + 4^0 + 16^2 + 27^1 = 21 + 35 + 40 + 162 + 271 \\ 529 &:= 2^2 + 4^4 + 12^1 + 16^2 + 18^0 = 22 + 44 + 121 + 162 + 180 \\ 529 &:= 2^2 + 7^3 + 9^2 + 10^2 + 24^0 = 22 + 73 + 92 + 102 + 240 \\ 529 &:= 2^3 + 3^3 + 9^1 + 16^0 + 22^2 = 23 + 33 + 91 + 160 + 222 \\ 529 &:= 2^3 + 4^3 + 10^0 + 15^1 + 21^2 = 23 + 43 + 100 + 151 + 212 \\ 529 &:= 2^3 + 6^3 + 12^0 + 15^1 + 17^2 = 23 + 63 + 120 + 151 + 172 \\ 529 &:= 2^3 + 7^3 + 8^1 + 13^2 + 22^0 = 23 + 73 + 81 + 132 + 220 \\ 529 &:= 2^4 + 3^0 + 3^3 + 22^0 + 22^2 = 24 + 30 + 33 + 220 + 222 \\ 529 &:= 2^4 + 3^1 + 5^2 + 20^0 + 22^2 = 24 + 31 + 52 + 200 + 222 \\ 529 &:= 2^4 + 3^2 + 6^0 + 19^1 + 22^2 = 24 + 32 + 60 + 191 + 222 \\ 529 &:= 2^4 + 3^3 + 10^0 + 15^0 + 22^2 = 24 + 33 + 100 + 150 + 222 \\ 529 &:= 2^4 + 3^3 + 11^0 + 14^0 + 22^2 = 24 + 33 + 110 + 140 + 222 \\ 529 &:= 2^4 + 3^3 + 12^0 + 13^0 + 22^2 = 24 + 33 + 120 + 130 + 222 \\ 529 &:= 2^4 + 3^3 + 4^0 + 21^0 + 22^2 = 24 + 33 + 40 + 210 + 222 \\ 529 &:= 2^4 + 3^3 + 5^0 + 20^0 + 22^2 = 24 + 33 + 50 + 200 + 222 \\ 529 &:= 2^4 + 3^3 + 6^0 + 19^0 + 22^2 = 24 + 33 + 60 + 190 + 222 \\ 529 &:= 2^4 + 3^3 + 7^0 + 18^0 + 22^2 = 24 + 33 + 70 + 180 + 222 \\ 529 &:= 2^4 + 3^3 + 8^0 + 17^0 + 22^2 = 24 + 33 + 80 + 170 + 222 \\ 529 &:= 2^4 + 3^3 + 9^0 + 16^0 + 22^2 = 24 + 33 + 90 + 160 + 222 \\ 529 &:= 2^4 + 4^2 + 12^0 + 12^1 + 22^2 = 24 + 42 + 120 + 121 + 222 \\ 529 &:= 2^4 + 7^1 + 12^0 + 12^2 + 19^2 = 24 + 71 + 120 + 122 + 192 \\ 529 &:= 2^4 + 7^1 + 8^2 + 14^0 + 21^2 = 24 + 71 + 82 + 140 + 212 \\ 529 &:= 2^4 + 8^0 + 10^2 + 12^1 + 20^2 = 24 + 80 + 102 + 121 + 202 \\ 529 &:= 2^5 + 3^1 + 9^1 + 16^0 + 22^2 = 25 + 31 + 91 + 160 + 222 \\ 529 &:= 2^5 + 4^1 + 8^1 + 16^0 + 22^2 = 25 + 41 + 81 + 160 + 222 \\ 529 &:= 2^5 + 5^1 + 7^1 + 16^0 + 22^2 = 25 + 51 + 71 + 160 + 222 \\ 529 &:= 2^5 + 6^1 + 6^1 + 16^0 + 22^2 = 25 + 61 + 61 + 160 + 222 \\ 529 &:= 2^6 + 3^0 + 4^0 + 21^2 + 22^1 = 26 + 30 + 40 + 212 + 221 \\ 529 &:= 2^7 + 2^7 + 4^4 + 16^1 + 27^0 = 27 + 27 + 44 + 161 + 270 \\ 529 &:= 2^7 + 2^8 + 5^3 + 19^1 + 23^0 = 27 + 28 + 53 + 191 + 230 \\ 529 &:= 3^0 + 4^4 + 4^4 + 15^1 + 26^0 = 30 + 44 + 44 + 151 + 260 \\ 529 &:= 3^1 + 3^5 + 4^0 + 16^2 + 26^1 = 31 + 35 + 40 + 162 + 261 \end{aligned}$$

$$\begin{aligned}
 529 &:= 3^1 + 4^4 + 10^2 + 13^2 + 22^0 = 31 + 44 + 102 + 132 + 220 \\
 529 &:= 3^2 + 4^4 + 7^1 + 16^2 + 22^0 = 32 + 44 + 71 + 162 + 220 \\
 529 &:= 3^2 + 5^3 + 13^2 + 15^2 + 16^0 = 32 + 53 + 132 + 152 + 160 \\
 529 &:= 3^3 + 4^2 + 14^0 + 14^2 + 17^2 = 33 + 42 + 140 + 142 + 172 \\
 529 &:= 3^3 + 5^3 + 10^0 + 15^1 + 19^2 = 33 + 53 + 100 + 151 + 192 \\
 529 &:= 3^3 + 7^2 + 12^0 + 14^2 + 16^2 = 33 + 72 + 120 + 142 + 162 \\
 529 &:= 3^3 + 7^3 + 12^2 + 14^1 + 16^0 = 33 + 73 + 122 + 141 + 160 \\
 529 &:= 3^4 + 5^1 + 9^2 + 16^0 + 19^2 = 34 + 51 + 92 + 160 + 192 \\
 529 &:= 3^4 + 6^0 + 12^2 + 14^1 + 17^2 = 34 + 60 + 122 + 141 + 172 \\
 529 &:= 3^4 + 6^2 + 11^1 + 12^0 + 20^2 = 34 + 62 + 111 + 120 + 202 \\
 529 &:= 3^5 + 4^0 + 10^1 + 16^2 + 19^1 = 35 + 40 + 101 + 162 + 191 \\
 529 &:= 3^5 + 4^0 + 11^1 + 16^2 + 18^1 = 35 + 40 + 111 + 162 + 181 \\
 529 &:= 3^5 + 4^0 + 12^1 + 16^2 + 17^1 = 35 + 40 + 121 + 162 + 171 \\
 529 &:= 3^5 + 4^0 + 13^1 + 16^1 + 16^2 = 35 + 40 + 131 + 161 + 162 \\
 529 &:= 3^5 + 4^0 + 14^1 + 15^1 + 16^2 = 35 + 40 + 141 + 151 + 162 \\
 529 &:= 3^5 + 4^0 + 4^1 + 16^2 + 25^1 = 35 + 40 + 41 + 162 + 251 \\
 529 &:= 3^5 + 4^0 + 5^1 + 16^2 + 24^1 = 35 + 40 + 51 + 162 + 241 \\
 529 &:= 3^5 + 4^0 + 6^1 + 16^2 + 23^1 = 35 + 40 + 61 + 162 + 231 \\
 529 &:= 3^5 + 4^0 + 7^1 + 16^2 + 22^1 = 35 + 40 + 71 + 162 + 221 \\
 529 &:= 3^5 + 4^0 + 8^1 + 16^2 + 21^1 = 35 + 40 + 81 + 162 + 211 \\
 529 &:= 3^5 + 4^0 + 9^1 + 16^2 + 20^1 = 35 + 40 + 91 + 162 + 201 \\
 529 &:= 4^0 + 4^3 + 6^3 + 15^2 + 23^1 = 40 + 43 + 63 + 152 + 231 \\
 529 &:= 4^0 + 4^4 + 4^4 + 15^1 + 25^0 = 40 + 44 + 44 + 151 + 250 \\
 529 &:= 4^0 + 4^4 + 9^2 + 13^2 + 22^1 = 40 + 44 + 92 + 132 + 221 \\
 529 &:= 4^0 + 5^3 + 5^3 + 16^2 + 22^1 = 40 + 53 + 53 + 162 + 221
 \end{aligned}$$

$$\begin{aligned}
 529 &:= 4^2 + 5^2 + 7^3 + 12^2 + 24^0 = 42 + 52 + 73 + 122 + 240 \\
 529 &:= 4^2 + 6^3 + 10^2 + 14^2 + 18^0 = 42 + 63 + 102 + 142 + 180 \\
 529 &:= 4^3 + 5^3 + 10^0 + 15^1 + 18^2 = 43 + 53 + 100 + 151 + 182 \\
 529 &:= 4^3 + 7^3 + 10^0 + 10^2 + 21^1 = 43 + 73 + 100 + 102 + 211 \\
 529 &:= 4^3 + 8^2 + 12^0 + 12^2 + 16^2 = 43 + 82 + 120 + 122 + 162 \\
 529 &:= 4^4 + 4^4 + 10^0 + 15^1 + 19^0 = 44 + 44 + 100 + 151 + 190 \\
 529 &:= 4^4 + 4^4 + 11^0 + 15^1 + 18^0 = 44 + 44 + 110 + 151 + 180 \\
 529 &:= 4^4 + 4^4 + 12^0 + 15^1 + 17^0 = 44 + 44 + 120 + 151 + 170 \\
 529 &:= 4^4 + 4^4 + 13^0 + 15^1 + 16^0 = 44 + 44 + 130 + 151 + 160 \\
 529 &:= 4^4 + 4^4 + 14^0 + 15^0 + 15^1 = 44 + 44 + 140 + 150 + 151 \\
 529 &:= 4^4 + 4^4 + 5^0 + 15^1 + 24^0 = 44 + 44 + 50 + 151 + 240 \\
 529 &:= 4^4 + 4^4 + 6^0 + 15^1 + 23^0 = 44 + 44 + 60 + 151 + 230 \\
 529 &:= 4^4 + 4^4 + 7^0 + 15^1 + 22^0 = 44 + 44 + 70 + 151 + 220 \\
 529 &:= 4^4 + 4^4 + 8^0 + 15^1 + 21^0 = 44 + 44 + 80 + 151 + 210 \\
 529 &:= 4^4 + 4^4 + 9^0 + 15^1 + 20^0 = 44 + 44 + 90 + 151 + 200 \\
 529 &:= 4^4 + 5^2 + 6^0 + 15^2 + 22^1 = 44 + 52 + 60 + 152 + 221 \\
 529 &:= 4^4 + 6^2 + 11^1 + 15^2 + 16^0 = 44 + 62 + 111 + 152 + 160 \\
 529 &:= 4^4 + 7^1 + 11^2 + 12^2 + 18^0 = 44 + 71 + 112 + 122 + 180 \\
 529 &:= 4^4 + 8^2 + 12^1 + 14^0 + 14^2 = 44 + 82 + 121 + 140 + 142 \\
 529 &:= 5^3 + 6^2 + 7^3 + 10^0 + 24^1 = 53 + 62 + 73 + 100 + 241 \\
 529 &:= 5^3 + 6^3 + 10^0 + 13^2 + 18^1 = 53 + 63 + 100 + 132 + 181 \\
 529 &:= 5^3 + 7^2 + 7^3 + 11^1 + 22^0 = 53 + 72 + 73 + 111 + 220 \\
 529 &:= 6^2 + 7^2 + 7^3 + 10^2 + 22^0 = 62 + 72 + 73 + 102 + 220 \\
 529 &:= 6^3 + 6^3 + 9^2 + 15^1 + 16^0 = 63 + 63 + 92 + 151 + 160
 \end{aligned}$$

2.2.431 Number 530

$$\begin{aligned}
 530 &:= 2^9 + 17^1 + 33^0 = 29 + 171 + 330 \\
 530 &:= 1^0 + 2^9 + 16^1 + 33^0 = 10 + 29 + 161 + 330 \\
 530 &:= 1^1 + 2^7 + 20^2 + 29^0 = 11 + 27 + 202 + 290 \\
 530 &:= 1^3 + 2^4 + 8^3 + 41^0 = 13 + 24 + 83 + 410 \\
 530 &:= 1^5 + 4^2 + 8^3 + 39^0 = 15 + 42 + 83 + 390 \\
 530 &:= 1^6 + 8^3 + 16^1 + 27^0 = 16 + 83 + 161 + 270 \\
 530 &:= 1^7 + 2^4 + 2^9 + 46^0 = 17 + 24 + 29 + 460 \\
 530 &:= 1^9 + 2^9 + 4^2 + 44^0 = 19 + 29 + 42 + 440 \\
 530 &:= 2^0 + 2^9 + 16^1 + 32^0 = 20 + 29 + 161 + 320 \\
 530 &:= 2^9 + 10^0 + 16^1 + 24^0 = 29 + 100 + 161 + 240
 \end{aligned}$$

$$\begin{aligned}
 530 &:= 2^9 + 11^0 + 16^1 + 23^0 = 29 + 110 + 161 + 230 \\
 530 &:= 2^9 + 12^0 + 16^1 + 22^0 = 29 + 120 + 161 + 220 \\
 530 &:= 2^9 + 13^0 + 16^1 + 21^0 = 29 + 130 + 161 + 210 \\
 530 &:= 2^9 + 14^0 + 16^1 + 20^0 = 29 + 140 + 161 + 200 \\
 530 &:= 2^9 + 15^0 + 16^1 + 19^0 = 29 + 150 + 161 + 190 \\
 530 &:= 2^9 + 16^0 + 16^1 + 18^0 = 29 + 160 + 161 + 180 \\
 530 &:= 2^9 + 16^1 + 17^0 + 17^0 = 29 + 161 + 170 + 170 \\
 530 &:= 2^9 + 3^0 + 16^1 + 31^0 = 29 + 30 + 161 + 310 \\
 530 &:= 2^9 + 4^0 + 16^1 + 30^0 = 29 + 40 + 161 + 300 \\
 530 &:= 2^9 + 5^0 + 16^1 + 29^0 = 29 + 50 + 161 + 290
 \end{aligned}$$

$530 := 2^9 + 6^0 + 16^1 + 28^0$	$= 29 + 60 + 161 + 280$	$530 := 1^3 + 4^4 + 15^0 + 16^1 + 16^2$	$= 13 + 44 + 150 + 161 + 162$
$530 := 2^9 + 7^0 + 16^1 + 27^0$	$= 29 + 70 + 161 + 270$	$530 := 1^3 + 7^2 + 8^2 + 16^1 + 20^2$	$= 13 + 72 + 82 + 161 + 202$
$530 := 2^9 + 8^0 + 16^1 + 26^0$	$= 29 + 80 + 161 + 260$	$530 := 1^3 + 7^3 + 8^2 + 11^2 + 25^0$	$= 13 + 73 + 82 + 112 + 250$
$530 := 2^9 + 9^0 + 16^1 + 25^0$	$= 29 + 90 + 161 + 250$	$530 := 1^3 + 8^2 + 13^1 + 14^2 + 16^2$	$= 13 + 82 + 131 + 142 + 162$
$530 := 3^5 + 4^4 + 15^0 + 30^1$	$= 35 + 44 + 150 + 301$	$530 := 1^4 + 3^0 + 4^3 + 21^2 + 23^1$	$= 14 + 30 + 43 + 212 + 231$
$530 := 3^5 + 8^2 + 14^2 + 27^1$	$= 35 + 82 + 142 + 271$	$530 := 1^4 + 3^1 + 5^3 + 20^2 + 23^0$	$= 14 + 31 + 53 + 202 + 230$
$530 := 1^0 + 1^6 + 8^3 + 15^1 + 27^0$	$= 10 + 16 + 83 + 151 + 270$	$530 := 1^4 + 3^3 + 9^0 + 17^1 + 22^2$	$= 14 + 33 + 90 + 171 + 222$
$530 := 1^0 + 2^6 + 8^2 + 20^2 + 21^0$	$= 10 + 26 + 82 + 202 + 210$	$530 := 1^4 + 4^2 + 15^0 + 16^2 + 16^2$	$= 14 + 42 + 150 + 162 + 162$
$530 := 1^0 + 2^9 + 10^0 + 15^1 + 24^0$	$= 10 + 29 + 100 + 151 + 240$	$530 := 1^4 + 5^0 + 6^3 + 17^2 + 23^1$	$= 14 + 50 + 63 + 172 + 231$
$530 := 1^0 + 2^9 + 11^0 + 15^1 + 23^0$	$= 10 + 29 + 110 + 151 + 230$	$530 := 1^4 + 7^3 + 13^2 + 15^0 + 16^1$	$= 14 + 73 + 132 + 150 + 161$
$530 := 1^0 + 2^9 + 12^0 + 15^1 + 22^0$	$= 10 + 29 + 120 + 151 + 220$	$530 := 1^4 + 8^2 + 8^2 + 15^0 + 20^2$	$= 14 + 82 + 82 + 150 + 202$
$530 := 1^0 + 2^9 + 13^0 + 15^1 + 21^0$	$= 10 + 29 + 130 + 151 + 210$	$530 := 1^5 + 2^1 + 8^3 + 14^1 + 27^0$	$= 15 + 21 + 83 + 141 + 270$
$530 := 1^0 + 2^9 + 14^0 + 15^1 + 20^0$	$= 10 + 29 + 140 + 151 + 200$	$530 := 1^5 + 3^0 + 16^1 + 16^2 + 16^2$	$= 15 + 30 + 161 + 162 + 162$
$530 := 1^0 + 2^9 + 15^0 + 15^1 + 19^0$	$= 10 + 29 + 150 + 151 + 190$	$530 := 1^5 + 3^1 + 8^3 + 13^1 + 27^0$	$= 15 + 31 + 83 + 131 + 270$
$530 := 1^0 + 2^9 + 15^1 + 16^0 + 18^0$	$= 10 + 29 + 151 + 160 + 180$	$530 := 1^5 + 4^1 + 8^3 + 12^1 + 27^0$	$= 15 + 41 + 83 + 121 + 270$
$530 := 1^0 + 2^9 + 15^1 + 17^0 + 17^0$	$= 10 + 29 + 151 + 170 + 170$	$530 := 1^5 + 5^0 + 14^1 + 15^2 + 17^2$	$= 15 + 50 + 141 + 152 + 172$
$530 := 1^0 + 2^9 + 7^0 + 15^1 + 27^0$	$= 10 + 29 + 70 + 151 + 270$	$530 := 1^5 + 5^0 + 5^2 + 19^1 + 22^2$	$= 15 + 50 + 52 + 191 + 222$
$530 := 1^0 + 2^9 + 8^0 + 15^1 + 26^0$	$= 10 + 29 + 80 + 151 + 260$	$530 := 1^5 + 5^1 + 8^3 + 11^1 + 27^0$	$= 15 + 51 + 83 + 111 + 270$
$530 := 1^0 + 2^9 + 9^0 + 15^1 + 25^0$	$= 10 + 29 + 90 + 151 + 250$	$530 := 1^5 + 6^1 + 8^3 + 10^1 + 27^0$	$= 15 + 61 + 83 + 101 + 270$
$530 := 1^0 + 3^5 + 8^2 + 14^2 + 26^1$	$= 10 + 35 + 82 + 142 + 261$	$530 := 1^5 + 6^1 + 9^2 + 15^0 + 21^2$	$= 15 + 61 + 92 + 150 + 212$
$530 := 1^1 + 1^5 + 8^3 + 15^1 + 27^0$	$= 11 + 15 + 83 + 151 + 270$	$530 := 1^5 + 6^2 + 8^1 + 15^0 + 22^2$	$= 15 + 62 + 81 + 150 + 222$
$530 := 1^1 + 2^2 + 2^4 + 22^2 + 25^1$	$= 11 + 22 + 24 + 222 + 251$	$530 := 1^5 + 7^1 + 11^2 + 13^0 + 20^2$	$= 15 + 71 + 112 + 130 + 202$
$530 := 1^1 + 2^6 + 5^0 + 21^2 + 23^1$	$= 11 + 26 + 50 + 212 + 231$	$530 := 1^5 + 7^1 + 8^3 + 9^1 + 27^0$	$= 15 + 71 + 83 + 91 + 270$
$530 := 1^1 + 3^4 + 5^2 + 20^2 + 23^1$	$= 11 + 34 + 52 + 202 + 231$	$530 := 1^5 + 8^1 + 11^0 + 14^2 + 18^2$	$= 15 + 81 + 110 + 142 + 182$
$530 := 1^1 + 4^4 + 4^4 + 16^1 + 27^0$	$= 11 + 44 + 44 + 161 + 270$	$530 := 1^5 + 8^1 + 8^1 + 8^3 + 27^0$	$= 15 + 81 + 81 + 83 + 270$
$530 := 1^2 + 1^4 + 8^3 + 15^1 + 27^0$	$= 12 + 14 + 83 + 151 + 270$	$530 := 1^6 + 2^0 + 8^3 + 15^1 + 26^0$	$= 16 + 20 + 83 + 151 + 260$
$530 := 1^2 + 2^4 + 16^2 + 16^2 + 17^0$	$= 12 + 24 + 162 + 162 + 170$	$530 := 1^6 + 2^6 + 2^6 + 20^2 + 26^0$	$= 16 + 26 + 26 + 202 + 260$
$530 := 1^2 + 2^5 + 12^1 + 15^0 + 22^2$	$= 12 + 25 + 121 + 150 + 222$	$530 := 1^6 + 3^0 + 8^3 + 15^1 + 25^0$	$= 16 + 30 + 83 + 151 + 250$
$530 := 1^2 + 3^3 + 14^2 + 17^1 + 17^2$	$= 12 + 33 + 142 + 171 + 172$	$530 := 1^6 + 4^0 + 8^3 + 15^1 + 24^0$	$= 16 + 40 + 83 + 151 + 240$
$530 := 1^2 + 4^2 + 4^4 + 16^2 + 27^0$	$= 12 + 42 + 44 + 162 + 270$	$530 := 1^6 + 5^0 + 8^3 + 15^1 + 23^0$	$= 16 + 50 + 83 + 151 + 230$
$530 := 1^2 + 4^3 + 4^3 + 20^2 + 23^0$	$= 12 + 43 + 43 + 202 + 230$	$530 := 1^6 + 6^0 + 8^3 + 15^1 + 22^0$	$= 16 + 60 + 83 + 151 + 220$
$530 := 1^3 + 1^3 + 8^3 + 15^1 + 27^0$	$= 13 + 13 + 83 + 151 + 270$	$530 := 1^6 + 7^0 + 8^3 + 15^1 + 21^0$	$= 16 + 70 + 83 + 151 + 210$
$530 := 1^3 + 2^2 + 8^2 + 20^1 + 21^2$	$= 13 + 22 + 82 + 201 + 212$	$530 := 1^6 + 8^0 + 8^3 + 15^1 + 20^0$	$= 16 + 80 + 83 + 151 + 200$
$530 := 1^3 + 2^3 + 14^2 + 17^0 + 18^2$	$= 13 + 23 + 142 + 170 + 182$	$530 := 1^6 + 8^3 + 10^0 + 15^1 + 18^0$	$= 16 + 83 + 100 + 151 + 180$
$530 := 1^3 + 2^3 + 6^2 + 21^0 + 22^2$	$= 13 + 23 + 62 + 210 + 222$	$530 := 1^6 + 8^3 + 11^0 + 15^1 + 17^0$	$= 16 + 83 + 110 + 151 + 170$
$530 := 1^3 + 3^4 + 6^1 + 21^0 + 21^2$	$= 13 + 34 + 61 + 210 + 212$	$530 := 1^6 + 8^3 + 12^0 + 15^1 + 16^0$	$= 16 + 83 + 120 + 151 + 160$
$530 := 1^3 + 4^2 + 7^3 + 13^2 + 27^0$	$= 13 + 42 + 73 + 132 + 270$	$530 := 1^6 + 8^3 + 13^0 + 15^0 + 15^1$	$= 16 + 83 + 130 + 150 + 151$
$530 := 1^3 + 4^3 + 8^2 + 19^0 + 20^2$	$= 13 + 43 + 82 + 190 + 202$	$530 := 1^6 + 8^3 + 14^0 + 14^0 + 15^1$	$= 16 + 83 + 140 + 140 + 151$

$$\begin{aligned} 530 &:= 1^6 + 8^3 + 9^0 + 15^1 + 19^0 = 16 + 83 + 90 + 151 + 190 & 530 &:= 2^2 + 3^3 + 9^2 + 18^1 + 20^2 = 22 + 33 + 92 + 181 + 202 \\ 530 &:= 1^7 + 1^9 + 8^3 + 15^1 + 26^0 = 17 + 19 + 83 + 151 + 260 & 530 &:= 2^2 + 3^5 + 5^0 + 16^2 + 26^1 = 22 + 35 + 50 + 162 + 261 \\ 530 &:= 1^8 + 1^8 + 8^3 + 15^1 + 26^0 = 18 + 18 + 83 + 151 + 260 & 530 &:= 2^2 + 4^3 + 11^2 + 17^1 + 18^2 = 22 + 43 + 112 + 171 + 182 \\ 530 &:= 1^9 + 2^6 + 4^3 + 20^2 + 24^0 = 19 + 26 + 43 + 202 + 240 & 530 &:= 2^2 + 4^4 + 10^2 + 13^2 + 23^0 = 22 + 44 + 102 + 132 + 230 \\ 530 &:= 1^9 + 2^7 + 12^2 + 16^2 + 20^0 = 19 + 27 + 122 + 162 + 200 & 530 &:= 2^2 + 6^2 + 7^3 + 11^2 + 26^1 = 22 + 62 + 73 + 112 + 261 \\ 530 &:= 1^9 + 2^8 + 16^0 + 16^1 + 16^2 = 19 + 28 + 160 + 161 + 162 & 530 &:= 2^2 + 6^3 + 11^2 + 13^2 + 20^1 = 22 + 63 + 112 + 132 + 201 \\ 530 &:= 2^0 + 2^6 + 8^2 + 20^0 + 20^2 = 20 + 26 + 82 + 200 + 202 & 530 &:= 2^2 + 6^3 + 8^2 + 15^2 + 21^1 = 22 + 63 + 82 + 152 + 211 \\ 530 &:= 2^0 + 2^9 + 10^0 + 15^1 + 23^0 = 20 + 29 + 100 + 151 + 230 & 530 &:= 2^3 + 10^2 + 11^2 + 12^1 + 17^2 = 23 + 102 + 112 + 121 + 172 \\ 530 &:= 2^0 + 2^9 + 11^0 + 15^1 + 22^0 = 20 + 29 + 110 + 151 + 220 & 530 &:= 2^3 + 2^4 + 5^0 + 21^1 + 22^2 = 23 + 24 + 50 + 211 + 222 \\ 530 &:= 2^0 + 2^9 + 12^0 + 15^1 + 21^0 = 20 + 29 + 120 + 151 + 210 & 530 &:= 2^3 + 3^2 + 7^3 + 13^2 + 27^0 = 23 + 32 + 73 + 132 + 270 \\ 530 &:= 2^0 + 2^9 + 13^0 + 15^1 + 20^0 = 20 + 29 + 130 + 151 + 200 & 530 &:= 2^3 + 4^2 + 4^3 + 21^0 + 21^2 = 23 + 42 + 43 + 210 + 212 \\ 530 &:= 2^0 + 2^9 + 14^0 + 15^1 + 19^0 = 20 + 29 + 140 + 151 + 190 & 530 &:= 2^3 + 4^2 + 6^3 + 17^2 + 23^0 = 23 + 42 + 63 + 172 + 230 \\ 530 &:= 2^0 + 2^9 + 15^0 + 15^1 + 18^0 = 20 + 29 + 150 + 151 + 180 & 530 &:= 2^3 + 4^4 + 9^1 + 16^2 + 21^0 = 23 + 44 + 91 + 162 + 210 \\ 530 &:= 2^0 + 2^9 + 15^1 + 16^0 + 17^0 = 20 + 29 + 151 + 160 + 170 & 530 &:= 2^3 + 5^2 + 11^2 + 15^1 + 19^2 = 23 + 52 + 112 + 151 + 192 \\ 530 &:= 2^0 + 2^9 + 6^0 + 15^1 + 27^0 = 20 + 29 + 60 + 151 + 270 & 530 &:= 2^3 + 5^2 + 9^2 + 16^1 + 20^2 = 23 + 52 + 92 + 161 + 202 \\ 530 &:= 2^0 + 2^9 + 7^0 + 15^1 + 26^0 = 20 + 29 + 70 + 151 + 260 & 530 &:= 2^3 + 6^3 + 7^2 + 16^2 + 21^0 = 23 + 63 + 72 + 162 + 210 \\ 530 &:= 2^0 + 2^9 + 8^0 + 15^1 + 25^0 = 20 + 29 + 80 + 151 + 250 & 530 &:= 2^3 + 8^2 + 11^2 + 13^1 + 18^2 = 23 + 82 + 112 + 131 + 182 \\ 530 &:= 2^0 + 2^9 + 9^0 + 15^1 + 24^0 = 20 + 29 + 90 + 151 + 240 & 530 &:= 2^4 + 11^0 + 11^2 + 14^2 + 14^2 = 24 + 110 + 112 + 142 + 142 \\ 530 &:= 2^1 + 2^2 + 2^4 + 22^2 + 24^1 = 21 + 22 + 24 + 222 + 241 & 530 &:= 2^4 + 11^0 + 12^2 + 12^2 + 15^2 = 24 + 110 + 122 + 122 + 152 \\ 530 &:= 2^1 + 2^4 + 3^3 + 22^2 + 23^0 = 21 + 24 + 33 + 222 + 230 & 530 &:= 2^4 + 2^8 + 2^8 + 18^0 + 27^0 = 24 + 28 + 28 + 180 + 270 \\ 530 &:= 2^1 + 2^6 + 5^0 + 21^2 + 22^1 = 21 + 26 + 50 + 212 + 221 & 530 &:= 2^4 + 2^8 + 2^8 + 19^0 + 26^0 = 24 + 28 + 28 + 190 + 260 \\ 530 &:= 2^1 + 3^4 + 5^2 + 20^2 + 22^1 = 21 + 34 + 52 + 202 + 221 & 530 &:= 2^4 + 2^8 + 2^8 + 20^0 + 25^0 = 24 + 28 + 28 + 200 + 250 \\ 530 &:= 2^1 + 4^4 + 4^4 + 15^1 + 27^0 = 21 + 44 + 44 + 151 + 270 & 530 &:= 2^4 + 2^8 + 2^8 + 21^0 + 24^0 = 24 + 28 + 28 + 210 + 240 \\ 530 &:= 2^2 + 2^3 + 10^2 + 18^1 + 20^2 = 22 + 23 + 102 + 181 + 202 & 530 &:= 2^4 + 2^8 + 2^8 + 22^0 + 23^0 = 24 + 28 + 28 + 220 + 230 \\ 530 &:= 2^2 + 2^4 + 10^1 + 16^1 + 22^2 = 22 + 24 + 101 + 161 + 222 & 530 &:= 2^4 + 3^0 + 4^4 + 16^2 + 27^0 = 24 + 30 + 44 + 162 + 270 \\ 530 &:= 2^2 + 2^4 + 11^1 + 15^1 + 22^2 = 22 + 24 + 111 + 151 + 222 & 530 &:= 2^4 + 4^0 + 4^4 + 16^2 + 26^0 = 24 + 40 + 44 + 162 + 260 \\ 530 &:= 2^2 + 2^4 + 12^1 + 14^1 + 22^2 = 22 + 24 + 121 + 141 + 222 & 530 &:= 2^4 + 4^3 + 8^1 + 17^0 + 21^2 = 24 + 43 + 81 + 170 + 212 \\ 530 &:= 2^2 + 2^4 + 13^1 + 13^1 + 22^2 = 22 + 24 + 131 + 131 + 222 & 530 &:= 2^4 + 4^4 + 10^0 + 16^2 + 20^0 = 24 + 44 + 100 + 162 + 200 \\ 530 &:= 2^2 + 2^4 + 3^1 + 22^2 + 23^1 = 22 + 24 + 31 + 222 + 231 & 530 &:= 2^4 + 4^4 + 11^0 + 16^2 + 19^0 = 24 + 44 + 110 + 162 + 190 \\ 530 &:= 2^2 + 2^4 + 4^1 + 22^1 + 22^2 = 22 + 24 + 41 + 221 + 222 & 530 &:= 2^4 + 4^4 + 12^0 + 16^2 + 18^0 = 24 + 44 + 120 + 162 + 180 \\ 530 &:= 2^2 + 2^4 + 5^1 + 21^1 + 22^2 = 22 + 24 + 51 + 211 + 222 & 530 &:= 2^4 + 4^4 + 13^0 + 16^2 + 17^0 = 24 + 44 + 130 + 162 + 170 \\ 530 &:= 2^2 + 2^4 + 5^2 + 21^0 + 22^2 = 22 + 24 + 52 + 210 + 222 & 530 &:= 2^4 + 4^4 + 14^0 + 16^0 + 16^2 = 24 + 44 + 140 + 160 + 162 \\ 530 &:= 2^2 + 2^4 + 6^1 + 20^1 + 22^2 = 22 + 24 + 61 + 201 + 222 & 530 &:= 2^4 + 4^4 + 15^0 + 15^0 + 16^2 = 24 + 44 + 150 + 150 + 162 \\ 530 &:= 2^2 + 2^4 + 7^1 + 19^1 + 22^2 = 22 + 24 + 71 + 191 + 222 & 530 &:= 2^4 + 4^4 + 5^0 + 16^2 + 25^0 = 24 + 44 + 50 + 162 + 250 \\ 530 &:= 2^2 + 2^4 + 8^1 + 18^1 + 22^2 = 22 + 24 + 81 + 181 + 222 & 530 &:= 2^4 + 4^4 + 6^0 + 16^2 + 24^0 = 24 + 44 + 60 + 162 + 240 \\ 530 &:= 2^2 + 2^4 + 9^1 + 17^1 + 22^2 = 22 + 24 + 91 + 171 + 222 & 530 &:= 2^4 + 4^4 + 7^0 + 16^2 + 23^0 = 24 + 44 + 70 + 162 + 230 \\ 530 &:= 2^2 + 2^5 + 9^1 + 17^0 + 22^2 = 22 + 25 + 91 + 170 + 222 & 530 &:= 2^4 + 4^4 + 8^0 + 16^2 + 22^0 = 24 + 44 + 80 + 162 + 220 \\ 530 &:= 2^2 + 3^3 + 11^2 + 17^1 + 19^2 = 22 + 33 + 112 + 171 + 192 & 530 &:= 2^4 + 4^4 + 9^0 + 16^2 + 21^0 = 24 + 44 + 90 + 162 + 210 \end{aligned}$$

$$\begin{aligned} 530 &:= 2^4 + 5^0 + 7^3 + 12^2 + 26^1 = 24 + 50 + 73 + 122 + 261 & 530 &:= 2^9 + 3^0 + 12^0 + 15^1 + 20^0 = 29 + 30 + 120 + 151 + 200 \\ 530 &:= 2^4 + 6^2 + 6^2 + 17^0 + 21^2 = 24 + 62 + 62 + 170 + 212 & 530 &:= 2^9 + 3^0 + 13^0 + 15^1 + 19^0 = 29 + 30 + 130 + 151 + 190 \\ 530 &:= 2^4 + 6^3 + 8^1 + 17^2 + 19^0 = 24 + 63 + 81 + 172 + 190 & 530 &:= 2^9 + 3^0 + 14^0 + 15^1 + 18^0 = 29 + 30 + 140 + 151 + 180 \\ 530 &:= 2^4 + 7^2 + 8^2 + 15^0 + 20^2 = 24 + 72 + 82 + 150 + 202 & 530 &:= 2^9 + 3^0 + 15^0 + 15^1 + 17^0 = 29 + 30 + 150 + 151 + 170 \\ 530 &:= 2^5 + 3^0 + 15^2 + 16^1 + 16^2 = 25 + 30 + 152 + 161 + 162 & 530 &:= 2^9 + 3^0 + 15^1 + 16^0 + 16^0 = 29 + 30 + 151 + 160 + 160 \\ 530 &:= 2^5 + 3^0 + 6^2 + 20^1 + 21^2 = 25 + 30 + 62 + 201 + 212 & 530 &:= 2^9 + 3^0 + 5^0 + 15^1 + 27^0 = 29 + 30 + 50 + 151 + 270 \\ 530 &:= 2^5 + 3^2 + 4^1 + 21^0 + 22^2 = 25 + 32 + 41 + 210 + 222 & 530 &:= 2^9 + 3^0 + 6^0 + 15^1 + 26^0 = 29 + 30 + 60 + 151 + 260 \\ 530 &:= 2^5 + 4^1 + 13^2 + 15^0 + 18^2 = 25 + 41 + 132 + 150 + 182 & 530 &:= 2^9 + 3^0 + 7^0 + 15^1 + 25^0 = 29 + 30 + 70 + 151 + 250 \\ 530 &:= 2^5 + 5^0 + 11^2 + 15^1 + 19^2 = 25 + 50 + 112 + 151 + 192 & 530 &:= 2^9 + 3^0 + 8^0 + 15^1 + 24^0 = 29 + 30 + 80 + 151 + 240 \\ 530 &:= 2^5 + 5^0 + 9^2 + 16^1 + 20^2 = 25 + 50 + 92 + 161 + 202 & 530 &:= 2^9 + 3^0 + 9^0 + 15^1 + 23^0 = 29 + 30 + 90 + 151 + 230 \\ 530 &:= 2^5 + 7^0 + 12^1 + 14^2 + 17^2 = 25 + 70 + 121 + 142 + 172 & 530 &:= 2^9 + 4^0 + 10^0 + 15^1 + 21^0 = 29 + 40 + 100 + 151 + 210 \\ 530 &:= 2^5 + 7^1 + 7^2 + 15^0 + 21^2 = 25 + 71 + 72 + 150 + 212 & 530 &:= 2^9 + 4^0 + 11^0 + 15^1 + 20^0 = 29 + 40 + 110 + 151 + 200 \\ 530 &:= 2^6 + 3^0 + 8^2 + 19^0 + 20^2 = 26 + 30 + 82 + 190 + 202 & 530 &:= 2^9 + 4^0 + 12^0 + 15^1 + 19^0 = 29 + 40 + 120 + 151 + 190 \\ 530 &:= 2^6 + 3^1 + 5^0 + 21^1 + 21^2 = 26 + 31 + 50 + 211 + 212 & 530 &:= 2^9 + 4^0 + 13^0 + 15^1 + 18^0 = 29 + 40 + 130 + 151 + 180 \\ 530 &:= 2^6 + 4^0 + 8^2 + 18^0 + 20^2 = 26 + 40 + 82 + 180 + 202 & 530 &:= 2^9 + 4^0 + 14^0 + 15^1 + 17^0 = 29 + 40 + 140 + 151 + 170 \\ 530 &:= 2^6 + 4^1 + 5^0 + 20^1 + 21^2 = 26 + 41 + 50 + 201 + 212 & 530 &:= 2^9 + 4^0 + 15^0 + 15^1 + 16^0 = 29 + 40 + 150 + 151 + 160 \\ 530 &:= 2^6 + 5^0 + 10^1 + 14^1 + 21^2 = 26 + 50 + 101 + 141 + 212 & 530 &:= 2^9 + 4^0 + 4^0 + 15^1 + 27^0 = 29 + 40 + 40 + 151 + 270 \\ 530 &:= 2^6 + 5^0 + 11^1 + 13^1 + 21^2 = 26 + 50 + 111 + 131 + 212 & 530 &:= 2^9 + 4^0 + 5^0 + 15^1 + 26^0 = 29 + 40 + 50 + 151 + 260 \\ 530 &:= 2^6 + 5^0 + 12^1 + 12^1 + 21^2 = 26 + 50 + 121 + 121 + 212 & 530 &:= 2^9 + 4^0 + 6^0 + 15^1 + 25^0 = 29 + 40 + 60 + 151 + 250 \\ 530 &:= 2^6 + 5^0 + 5^1 + 19^1 + 21^2 = 26 + 50 + 51 + 191 + 212 & 530 &:= 2^9 + 4^0 + 7^0 + 15^1 + 24^0 = 29 + 40 + 70 + 151 + 240 \\ 530 &:= 2^6 + 5^0 + 6^1 + 18^1 + 21^2 = 26 + 50 + 61 + 181 + 212 & 530 &:= 2^9 + 4^0 + 8^0 + 15^1 + 23^0 = 29 + 40 + 80 + 151 + 230 \\ 530 &:= 2^6 + 5^0 + 7^1 + 17^1 + 21^2 = 26 + 50 + 71 + 171 + 212 & 530 &:= 2^9 + 4^0 + 9^0 + 15^1 + 22^0 = 29 + 40 + 90 + 151 + 220 \\ 530 &:= 2^6 + 5^0 + 8^1 + 16^1 + 21^2 = 26 + 50 + 81 + 161 + 212 & 530 &:= 2^9 + 5^0 + 10^0 + 15^1 + 20^0 = 29 + 50 + 100 + 151 + 200 \\ 530 &:= 2^6 + 5^0 + 8^2 + 17^0 + 20^2 = 26 + 50 + 82 + 170 + 202 & 530 &:= 2^9 + 5^0 + 11^0 + 15^1 + 19^0 = 29 + 50 + 110 + 151 + 190 \\ 530 &:= 2^6 + 5^0 + 9^1 + 15^1 + 21^2 = 26 + 50 + 91 + 151 + 212 & 530 &:= 2^9 + 5^0 + 12^0 + 15^1 + 18^0 = 29 + 50 + 120 + 151 + 180 \\ 530 &:= 2^6 + 6^0 + 8^2 + 16^0 + 20^2 = 26 + 60 + 82 + 160 + 202 & 530 &:= 2^9 + 5^0 + 13^0 + 15^1 + 17^0 = 29 + 50 + 130 + 151 + 170 \\ 530 &:= 2^6 + 7^0 + 8^2 + 15^0 + 20^2 = 26 + 70 + 82 + 150 + 202 & 530 &:= 2^9 + 5^0 + 14^0 + 15^1 + 16^0 = 29 + 50 + 140 + 151 + 160 \\ 530 &:= 2^6 + 8^0 + 8^2 + 14^0 + 20^2 = 26 + 80 + 82 + 140 + 202 & 530 &:= 2^9 + 5^0 + 15^0 + 15^0 + 15^1 = 29 + 50 + 150 + 150 + 151 \\ 530 &:= 2^6 + 8^2 + 10^0 + 12^0 + 20^2 = 26 + 82 + 100 + 120 + 202 & 530 &:= 2^9 + 5^0 + 5^0 + 15^1 + 25^0 = 29 + 50 + 50 + 151 + 250 \\ 530 &:= 2^6 + 8^2 + 11^0 + 11^0 + 20^2 = 26 + 82 + 110 + 110 + 202 & 530 &:= 2^9 + 5^0 + 6^0 + 15^1 + 24^0 = 29 + 50 + 60 + 151 + 240 \\ 530 &:= 2^6 + 8^2 + 9^0 + 13^0 + 20^2 = 26 + 82 + 90 + 130 + 202 & 530 &:= 2^9 + 5^0 + 7^0 + 15^1 + 23^0 = 29 + 50 + 70 + 151 + 230 \\ 530 &:= 2^9 + 10^0 + 10^0 + 15^0 + 15^1 = 29 + 100 + 100 + 150 + 151 & 530 &:= 2^9 + 5^0 + 8^0 + 15^1 + 22^0 = 29 + 50 + 80 + 151 + 220 \\ 530 &:= 2^9 + 10^0 + 11^0 + 14^0 + 15^1 = 29 + 100 + 110 + 140 + 151 & 530 &:= 2^9 + 5^0 + 9^0 + 15^1 + 21^0 = 29 + 50 + 90 + 151 + 210 \\ 530 &:= 2^9 + 10^0 + 12^0 + 13^0 + 15^1 = 29 + 100 + 120 + 130 + 151 & 530 &:= 2^9 + 6^0 + 10^0 + 15^1 + 19^0 = 29 + 60 + 100 + 151 + 190 \\ 530 &:= 2^9 + 11^0 + 11^0 + 13^0 + 15^1 = 29 + 110 + 110 + 130 + 151 & 530 &:= 2^9 + 6^0 + 11^0 + 15^1 + 18^0 = 29 + 60 + 110 + 151 + 180 \\ 530 &:= 2^9 + 11^0 + 12^0 + 12^0 + 15^1 = 29 + 110 + 120 + 120 + 151 & 530 &:= 2^9 + 6^0 + 12^0 + 15^1 + 17^0 = 29 + 60 + 120 + 151 + 170 \\ 530 &:= 2^9 + 3^0 + 10^0 + 15^1 + 22^0 = 29 + 30 + 100 + 151 + 220 & 530 &:= 2^9 + 6^0 + 13^0 + 15^1 + 16^0 = 29 + 60 + 130 + 151 + 160 \\ 530 &:= 2^9 + 3^0 + 11^0 + 15^1 + 21^0 = 29 + 30 + 110 + 151 + 210 & 530 &:= 2^9 + 6^0 + 14^0 + 15^0 + 15^1 = 29 + 60 + 140 + 150 + 151 \end{aligned}$$

$$\begin{aligned}
 530 &:= 2^9 + 6^0 + 6^0 + 15^1 + 23^0 = 29 + 60 + 60 + 151 + 230 & 530 &:= 3^4 + 5^2 + 10^1 + 14^1 + 20^2 = 34 + 52 + 101 + 141 + 202 \\
 530 &:= 2^9 + 6^0 + 7^0 + 15^1 + 22^0 = 29 + 60 + 70 + 151 + 220 & 530 &:= 3^4 + 5^2 + 11^1 + 13^1 + 20^2 = 34 + 52 + 111 + 131 + 202 \\
 530 &:= 2^9 + 6^0 + 8^0 + 15^1 + 21^0 = 29 + 60 + 80 + 151 + 210 & 530 &:= 3^4 + 5^2 + 12^1 + 12^1 + 20^2 = 34 + 52 + 121 + 121 + 202 \\
 530 &:= 2^9 + 6^0 + 9^0 + 15^1 + 20^0 = 29 + 60 + 90 + 151 + 200 & 530 &:= 3^4 + 5^2 + 6^1 + 18^1 + 20^2 = 34 + 52 + 61 + 181 + 202 \\
 530 &:= 2^9 + 7^0 + 10^0 + 15^1 + 18^0 = 29 + 70 + 100 + 151 + 180 & 530 &:= 3^4 + 5^2 + 7^1 + 17^1 + 20^2 = 34 + 52 + 71 + 171 + 202 \\
 530 &:= 2^9 + 7^0 + 11^0 + 15^1 + 17^0 = 29 + 70 + 110 + 151 + 170 & 530 &:= 3^4 + 5^2 + 8^1 + 16^1 + 20^2 = 34 + 52 + 81 + 161 + 202 \\
 530 &:= 2^9 + 7^0 + 12^0 + 15^1 + 16^0 = 29 + 70 + 120 + 151 + 160 & 530 &:= 3^4 + 5^2 + 9^1 + 15^1 + 20^2 = 34 + 52 + 91 + 151 + 202 \\
 530 &:= 2^9 + 7^0 + 13^0 + 15^0 + 15^1 = 29 + 70 + 130 + 150 + 151 & 530 &:= 3^4 + 6^3 + 7^1 + 15^2 + 21^0 = 34 + 63 + 71 + 152 + 210 \\
 530 &:= 2^9 + 7^0 + 14^0 + 14^0 + 15^1 = 29 + 70 + 140 + 140 + 151 & 530 &:= 3^4 + 7^3 + 9^0 + 9^2 + 24^1 = 34 + 73 + 90 + 92 + 241 \\
 530 &:= 2^9 + 7^0 + 7^0 + 15^1 + 21^0 = 29 + 70 + 70 + 151 + 210 & 530 &:= 3^5 + 4^2 + 14^1 + 15^0 + 16^2 = 35 + 42 + 141 + 150 + 162 \\
 530 &:= 2^9 + 7^0 + 8^0 + 15^1 + 20^0 = 29 + 70 + 80 + 151 + 200 & 530 &:= 3^5 + 5^0 + 11^2 + 12^2 + 21^1 = 35 + 50 + 112 + 122 + 211 \\
 530 &:= 2^9 + 7^0 + 9^0 + 15^1 + 19^0 = 29 + 70 + 90 + 151 + 190 & 530 &:= 3^5 + 5^1 + 5^2 + 16^2 + 23^0 = 35 + 51 + 52 + 162 + 230 \\
 530 &:= 2^9 + 8^0 + 10^0 + 15^1 + 17^0 = 29 + 80 + 100 + 151 + 170 & 530 &:= 3^5 + 7^2 + 12^1 + 15^0 + 15^2 = 35 + 72 + 121 + 150 + 152 \\
 530 &:= 2^9 + 8^0 + 11^0 + 15^1 + 16^0 = 29 + 80 + 110 + 151 + 160 & 530 &:= 3^5 + 9^0 + 10^2 + 13^2 + 17^1 = 35 + 90 + 102 + 132 + 171 \\
 530 &:= 2^9 + 8^0 + 12^0 + 15^0 + 15^1 = 29 + 80 + 120 + 150 + 151 & 530 &:= 3^5 + 9^1 + 9^2 + 14^2 + 17^0 = 35 + 91 + 92 + 142 + 170 \\
 530 &:= 2^9 + 8^0 + 13^0 + 14^0 + 15^1 = 29 + 80 + 130 + 140 + 151 & 530 &:= 4^1 + 4^4 + 4^4 + 13^1 + 27^0 = 41 + 44 + 44 + 131 + 270 \\
 530 &:= 2^9 + 8^0 + 8^0 + 15^1 + 19^0 = 29 + 80 + 80 + 151 + 190 & 530 &:= 4^1 + 4^4 + 5^3 + 12^2 + 27^0 = 41 + 44 + 53 + 122 + 270 \\
 530 &:= 2^9 + 8^0 + 9^0 + 15^1 + 18^0 = 29 + 80 + 90 + 151 + 180 & 530 &:= 4^2 + 4^3 + 5^3 + 18^2 + 21^0 = 42 + 43 + 53 + 182 + 210 \\
 530 &:= 2^9 + 9^0 + 10^0 + 15^1 + 16^0 = 29 + 90 + 100 + 151 + 160 & 530 &:= 4^2 + 4^4 + 4^4 + 13^0 + 27^0 = 42 + 44 + 44 + 130 + 270 \\
 530 &:= 2^9 + 9^0 + 11^0 + 15^0 + 15^1 = 29 + 90 + 110 + 150 + 151 & 530 &:= 4^2 + 4^4 + 4^4 + 14^0 + 26^0 = 42 + 44 + 44 + 140 + 260 \\
 530 &:= 2^9 + 9^0 + 12^0 + 14^0 + 15^1 = 29 + 90 + 120 + 140 + 151 & 530 &:= 4^2 + 4^4 + 4^4 + 15^0 + 25^0 = 42 + 44 + 44 + 150 + 250 \\
 530 &:= 2^9 + 9^0 + 13^0 + 13^0 + 15^1 = 29 + 90 + 130 + 130 + 151 & 530 &:= 4^2 + 4^4 + 4^4 + 16^0 + 24^0 = 42 + 44 + 44 + 160 + 240 \\
 530 &:= 2^9 + 9^0 + 9^0 + 15^1 + 17^0 = 29 + 90 + 90 + 151 + 170 & 530 &:= 4^2 + 4^4 + 4^4 + 17^0 + 23^0 = 42 + 44 + 44 + 170 + 230 \\
 530 &:= 3^0 + 3^4 + 4^3 + 19^2 + 23^1 = 30 + 34 + 43 + 192 + 231 & 530 &:= 4^2 + 4^4 + 4^4 + 18^0 + 22^0 = 42 + 44 + 44 + 180 + 220 \\
 530 &:= 3^0 + 3^5 + 6^2 + 15^2 + 25^1 = 30 + 35 + 62 + 152 + 251 & 530 &:= 4^2 + 4^4 + 4^4 + 19^0 + 21^0 = 42 + 44 + 44 + 190 + 210 \\
 530 &:= 3^1 + 3^4 + 5^2 + 20^2 + 21^1 = 31 + 34 + 52 + 202 + 211 & 530 &:= 4^2 + 4^4 + 4^4 + 20^0 + 20^0 = 42 + 44 + 44 + 200 + 200 \\
 530 &:= 3^1 + 4^4 + 4^4 + 14^1 + 27^0 = 31 + 44 + 44 + 141 + 270 & 530 &:= 4^2 + 5^2 + 7^3 + 11^2 + 25^1 = 42 + 52 + 73 + 112 + 251 \\
 530 &:= 3^2 + 3^5 + 9^0 + 16^2 + 21^1 = 32 + 35 + 90 + 162 + 211 & 530 &:= 4^2 + 6^3 + 6^3 + 9^2 + 27^0 = 42 + 63 + 63 + 92 + 270 \\
 530 &:= 3^3 + 10^2 + 11^1 + 14^2 + 14^2 = 33 + 102 + 111 + 142 + 142 & 530 &:= 4^3 + 4^4 + 13^1 + 14^2 + 17^0 = 43 + 44 + 131 + 142 + 170 \\
 530 &:= 3^3 + 3^4 + 5^0 + 20^2 + 21^1 = 33 + 34 + 50 + 202 + 211 & 530 &:= 4^3 + 5^2 + 8^2 + 16^1 + 19^2 = 43 + 52 + 82 + 161 + 192 \\
 530 &:= 3^3 + 4^2 + 5^3 + 19^2 + 21^0 = 33 + 42 + 53 + 192 + 210 & 530 &:= 4^3 + 5^3 + 12^2 + 14^2 + 17^0 = 43 + 53 + 122 + 142 + 170 \\
 530 &:= 3^3 + 4^4 + 9^0 + 15^2 + 21^1 = 33 + 44 + 90 + 152 + 211 & 530 &:= 4^3 + 8^2 + 10^2 + 13^1 + 17^2 = 43 + 82 + 102 + 131 + 172 \\
 530 &:= 3^3 + 5^3 + 11^2 + 16^2 + 17^0 = 33 + 53 + 112 + 162 + 170 & 530 &:= 4^3 + 8^2 + 8^2 + 14^1 + 18^2 = 43 + 82 + 82 + 141 + 182 \\
 530 &:= 3^3 + 8^2 + 8^2 + 14^1 + 19^2 = 33 + 82 + 82 + 141 + 192 & 530 &:= 4^4 + 4^4 + 5^1 + 12^1 + 27^0 = 44 + 44 + 51 + 121 + 270 \\
 530 &:= 3^3 + 9^2 + 11^2 + 12^1 + 17^2 = 33 + 92 + 112 + 121 + 172 & 530 &:= 4^4 + 4^4 + 6^1 + 11^1 + 27^0 = 44 + 44 + 61 + 111 + 270 \\
 530 &:= 3^4 + 4^1 + 5^2 + 20^1 + 20^2 = 34 + 41 + 52 + 201 + 202 & 530 &:= 4^4 + 4^4 + 7^1 + 10^1 + 27^0 = 44 + 44 + 71 + 101 + 270 \\
 530 &:= 3^4 + 5^1 + 5^2 + 19^1 + 20^2 = 34 + 51 + 52 + 191 + 202 & 530 &:= 4^4 + 4^4 + 8^1 + 9^1 + 27^0 = 44 + 44 + 81 + 91 + 270 \\
 530 &:= 3^4 + 5^1 + 7^3 + 10^2 + 27^0 = 34 + 51 + 73 + 102 + 270 & 530 &:= 4^4 + 5^0 + 5^3 + 11^2 + 27^1 = 44 + 50 + 53 + 112 + 271
 \end{aligned}$$

$$\begin{aligned} 530 &:= 4^4 + 6^2 + 6^3 + 15^0 + 21^1 = 44 + 62 + 63 + 150 + 211 \\ 530 &:= 4^4 + 6^3 + 7^2 + 8^1 + 27^0 = 44 + 63 + 72 + 81 + 270 \\ 530 &:= 5^2 + 5^3 + 13^2 + 14^2 + 15^1 = 52 + 53 + 132 + 142 + 151 \\ 530 &:= 5^3 + 6^2 + 8^2 + 16^1 + 17^2 = 53 + 62 + 82 + 161 + 172 \end{aligned}$$

$$\begin{aligned} 530 &:= 6^2 + 6^3 + 8^2 + 14^2 + 18^1 = 62 + 63 + 82 + 142 + 181 \\ 530 &:= 6^2 + 7^3 + 8^2 + 8^2 + 23^1 = 62 + 73 + 82 + 82 + 231 \\ 530 &:= 6^3 + 8^2 + 8^2 + 13^2 + 17^1 = 63 + 82 + 82 + 132 + 171 \end{aligned}$$

2.2.432 Number 531

$$\begin{aligned} 531 &:= 1^9 + 23^2 + 28^0 = 19 + 232 + 280 \\ 531 &:= 1^1 + 2^9 + 17^1 + 32^0 = 11 + 29 + 171 + 320 \\ 531 &:= 1^7 + 8^3 + 17^1 + 26^0 = 17 + 83 + 171 + 260 \\ 531 &:= 2^0 + 3^5 + 3^5 + 44^1 = 20 + 35 + 35 + 441 \\ 531 &:= 2^1 + 2^9 + 16^1 + 32^0 = 21 + 29 + 161 + 320 \\ 531 &:= 2^8 + 16^0 + 16^2 + 18^1 = 28 + 160 + 162 + 181 \\ 531 &:= 2^9 + 3^1 + 15^1 + 32^0 = 29 + 31 + 151 + 320 \\ 531 &:= 2^9 + 4^1 + 14^1 + 32^0 = 29 + 41 + 141 + 320 \\ 531 &:= 2^9 + 5^1 + 13^1 + 32^0 = 29 + 51 + 131 + 320 \\ 531 &:= 2^9 + 6^1 + 12^1 + 32^0 = 29 + 61 + 121 + 320 \\ 531 &:= 2^9 + 7^1 + 11^1 + 32^0 = 29 + 71 + 111 + 320 \\ 531 &:= 2^9 + 8^1 + 10^1 + 32^0 = 29 + 81 + 101 + 320 \\ 531 &:= 2^9 + 9^1 + 9^1 + 32^0 = 29 + 91 + 91 + 320 \\ 531 &:= 1^0 + 1^7 + 8^3 + 16^1 + 26^0 = 10 + 17 + 83 + 161 + 260 \\ 531 &:= 1^0 + 2^8 + 16^0 + 16^2 + 17^1 = 10 + 28 + 160 + 162 + 171 \\ 531 &:= 1^0 + 2^9 + 4^2 + 18^0 + 27^0 = 10 + 29 + 42 + 180 + 270 \\ 531 &:= 1^0 + 2^9 + 4^2 + 19^0 + 26^0 = 10 + 29 + 42 + 190 + 260 \\ 531 &:= 1^0 + 2^9 + 4^2 + 20^0 + 25^0 = 10 + 29 + 42 + 200 + 250 \\ 531 &:= 1^0 + 2^9 + 4^2 + 21^0 + 24^0 = 10 + 29 + 42 + 210 + 240 \\ 531 &:= 1^0 + 2^9 + 4^2 + 22^0 + 23^0 = 10 + 29 + 42 + 220 + 230 \\ 531 &:= 1^1 + 1^6 + 8^3 + 16^1 + 26^0 = 11 + 16 + 83 + 161 + 260 \\ 531 &:= 1^1 + 2^9 + 10^0 + 16^1 + 23^0 = 11 + 29 + 100 + 161 + 230 \\ 531 &:= 1^1 + 2^9 + 11^0 + 16^1 + 22^0 = 11 + 29 + 110 + 161 + 220 \\ 531 &:= 1^1 + 2^9 + 12^0 + 16^1 + 21^0 = 11 + 29 + 120 + 161 + 210 \\ 531 &:= 1^1 + 2^9 + 13^0 + 16^1 + 20^0 = 11 + 29 + 130 + 161 + 200 \\ 531 &:= 1^1 + 2^9 + 14^0 + 16^1 + 19^0 = 11 + 29 + 140 + 161 + 190 \\ 531 &:= 1^1 + 2^9 + 15^0 + 16^1 + 18^0 = 11 + 29 + 150 + 161 + 180 \\ 531 &:= 1^1 + 2^9 + 16^0 + 16^1 + 17^0 = 11 + 29 + 160 + 161 + 170 \\ 531 &:= 1^1 + 2^9 + 6^0 + 16^1 + 27^0 = 11 + 29 + 60 + 161 + 270 \\ 531 &:= 1^1 + 2^9 + 7^0 + 16^1 + 26^0 = 11 + 29 + 70 + 161 + 260 \\ 531 &:= 1^1 + 2^9 + 8^0 + 16^1 + 25^0 = 11 + 29 + 80 + 161 + 250 \end{aligned}$$

$$\begin{aligned} 531 &:= 1^1 + 2^9 + 9^0 + 16^1 + 24^0 = 11 + 29 + 90 + 161 + 240 \\ 531 &:= 1^2 + 1^5 + 8^3 + 16^1 + 26^0 = 12 + 15 + 83 + 161 + 260 \\ 531 &:= 1^2 + 2^0 + 2^7 + 20^2 + 27^0 = 12 + 20 + 27 + 202 + 270 \\ 531 &:= 1^2 + 2^6 + 4^0 + 21^2 + 24^1 = 12 + 26 + 40 + 212 + 241 \\ 531 &:= 1^2 + 2^7 + 10^0 + 19^0 + 20^2 = 12 + 27 + 100 + 190 + 202 \\ 531 &:= 1^2 + 2^7 + 11^0 + 18^0 + 20^2 = 12 + 27 + 110 + 180 + 202 \\ 531 &:= 1^2 + 2^7 + 12^0 + 17^0 + 20^2 = 12 + 27 + 120 + 170 + 202 \\ 531 &:= 1^2 + 2^7 + 13^0 + 16^0 + 20^2 = 12 + 27 + 130 + 160 + 202 \\ 531 &:= 1^2 + 2^7 + 14^0 + 15^0 + 20^2 = 12 + 27 + 140 + 150 + 202 \\ 531 &:= 1^2 + 2^7 + 3^0 + 20^2 + 26^0 = 12 + 27 + 30 + 202 + 260 \\ 531 &:= 1^2 + 2^7 + 4^0 + 20^2 + 25^0 = 12 + 27 + 40 + 202 + 250 \\ 531 &:= 1^2 + 2^7 + 5^0 + 20^2 + 24^0 = 12 + 27 + 50 + 202 + 240 \\ 531 &:= 1^2 + 2^7 + 6^0 + 20^2 + 23^0 = 12 + 27 + 60 + 202 + 230 \\ 531 &:= 1^2 + 2^7 + 7^0 + 20^2 + 22^0 = 12 + 27 + 70 + 202 + 220 \\ 531 &:= 1^2 + 2^7 + 8^0 + 20^2 + 21^0 = 12 + 27 + 80 + 202 + 210 \\ 531 &:= 1^2 + 2^7 + 9^0 + 20^0 + 20^2 = 12 + 27 + 90 + 200 + 202 \\ 531 &:= 1^2 + 4^4 + 4^4 + 17^1 + 26^0 = 12 + 44 + 44 + 171 + 260 \\ 531 &:= 1^3 + 1^4 + 8^3 + 16^1 + 26^0 = 13 + 14 + 83 + 161 + 260 \\ 531 &:= 1^3 + 1^9 + 2^7 + 20^2 + 27^0 = 13 + 19 + 27 + 202 + 270 \\ 531 &:= 1^3 + 2^5 + 13^1 + 14^0 + 22^2 = 13 + 25 + 131 + 140 + 222 \\ 531 &:= 1^4 + 1^8 + 2^7 + 20^2 + 27^0 = 14 + 18 + 27 + 202 + 270 \\ 531 &:= 1^4 + 2^2 + 5^3 + 20^2 + 24^0 = 14 + 22 + 53 + 202 + 240 \\ 531 &:= 1^4 + 2^3 + 11^2 + 18^0 + 20^2 = 14 + 23 + 112 + 180 + 202 \\ 531 &:= 1^4 + 2^4 + 8^3 + 14^0 + 27^0 = 14 + 24 + 83 + 140 + 270 \\ 531 &:= 1^4 + 2^4 + 8^3 + 15^0 + 26^0 = 14 + 24 + 83 + 150 + 260 \\ 531 &:= 1^4 + 2^4 + 8^3 + 16^0 + 25^0 = 14 + 24 + 83 + 160 + 250 \\ 531 &:= 1^4 + 2^4 + 8^3 + 17^0 + 24^0 = 14 + 24 + 83 + 170 + 240 \\ 531 &:= 1^4 + 2^4 + 8^3 + 18^0 + 23^0 = 14 + 24 + 83 + 180 + 230 \\ 531 &:= 1^4 + 2^4 + 8^3 + 19^0 + 22^0 = 14 + 24 + 83 + 190 + 220 \\ 531 &:= 1^4 + 2^4 + 8^3 + 20^0 + 21^0 = 14 + 24 + 83 + 200 + 210 \\ 531 &:= 1^4 + 3^4 + 7^1 + 20^0 + 21^2 = 14 + 34 + 71 + 200 + 212 \end{aligned}$$

$$\begin{aligned} 531 &:= 1^4 + 4^4 + 14^0 + 16^2 + 17^1 = 14 + 44 + 140 + 162 + 171 & 531 &:= 1^7 + 3^0 + 8^3 + 16^1 + 24^0 = 17 + 30 + 83 + 161 + 240 \\ 531 &:= 1^4 + 6^3 + 12^2 + 13^2 + 20^0 = 14 + 63 + 122 + 132 + 200 & 531 &:= 1^7 + 4^0 + 8^3 + 16^1 + 23^0 = 17 + 40 + 83 + 161 + 230 \\ 531 &:= 1^5 + 1^7 + 2^7 + 20^2 + 27^0 = 15 + 17 + 27 + 202 + 270 & 531 &:= 1^7 + 5^0 + 8^3 + 16^1 + 22^0 = 17 + 50 + 83 + 161 + 220 \\ 531 &:= 1^5 + 2^0 + 4^3 + 21^2 + 24^1 = 15 + 20 + 43 + 212 + 241 & 531 &:= 1^7 + 6^0 + 8^3 + 16^1 + 21^0 = 17 + 60 + 83 + 161 + 210 \\ 531 &:= 1^5 + 3^2 + 14^2 + 16^0 + 18^2 = 15 + 32 + 142 + 160 + 182 & 531 &:= 1^7 + 7^0 + 8^3 + 16^1 + 20^0 = 17 + 70 + 83 + 161 + 200 \\ 531 &:= 1^5 + 3^2 + 6^2 + 20^0 + 22^2 = 15 + 32 + 62 + 200 + 222 & 531 &:= 1^7 + 8^0 + 8^3 + 16^1 + 19^0 = 17 + 80 + 83 + 161 + 190 \\ 531 &:= 1^5 + 3^3 + 8^0 + 18^1 + 22^2 = 15 + 33 + 80 + 181 + 222 & 531 &:= 1^7 + 8^3 + 10^0 + 16^1 + 17^0 = 17 + 83 + 100 + 161 + 170 \\ 531 &:= 1^5 + 4^0 + 6^3 + 17^2 + 24^1 = 15 + 40 + 63 + 172 + 241 & 531 &:= 1^7 + 8^3 + 11^0 + 16^0 + 16^1 = 17 + 83 + 110 + 160 + 161 \\ 531 &:= 1^5 + 4^1 + 5^3 + 20^2 + 22^0 = 15 + 41 + 53 + 202 + 220 & 531 &:= 1^7 + 8^3 + 12^0 + 15^0 + 16^1 = 17 + 83 + 120 + 150 + 161 \\ 531 &:= 1^5 + 6^2 + 13^2 + 14^0 + 18^2 = 15 + 62 + 132 + 140 + 182 & 531 &:= 1^7 + 8^3 + 13^0 + 14^0 + 16^1 = 17 + 83 + 130 + 140 + 161 \\ 531 &:= 1^5 + 7^3 + 13^2 + 14^0 + 17^1 = 15 + 73 + 132 + 140 + 171 & 531 &:= 1^7 + 8^3 + 9^0 + 16^1 + 18^0 = 17 + 83 + 90 + 161 + 180 \\ 531 &:= 1^6 + 1^6 + 2^7 + 20^2 + 27^0 = 16 + 16 + 27 + 202 + 270 & 531 &:= 1^8 + 1^8 + 16^2 + 16^2 + 17^1 = 18 + 18 + 162 + 162 + 171 \\ 531 &:= 1^6 + 1^9 + 4^3 + 21^2 + 24^1 = 16 + 19 + 43 + 212 + 241 & 531 &:= 1^8 + 1^9 + 8^3 + 16^1 + 25^0 = 18 + 19 + 83 + 161 + 250 \\ 531 &:= 1^6 + 2^0 + 16^2 + 16^2 + 17^1 = 16 + 20 + 162 + 162 + 171 & 531 &:= 1^8 + 2^4 + 2^9 + 19^0 + 27^0 = 18 + 24 + 29 + 190 + 270 \\ 531 &:= 1^6 + 2^1 + 8^3 + 15^1 + 26^0 = 16 + 21 + 83 + 151 + 260 & 531 &:= 1^8 + 2^4 + 2^9 + 20^0 + 26^0 = 18 + 24 + 29 + 200 + 260 \\ 531 &:= 1^6 + 3^1 + 8^3 + 14^1 + 26^0 = 16 + 31 + 83 + 141 + 260 & 531 &:= 1^8 + 2^4 + 2^9 + 21^0 + 25^0 = 18 + 24 + 29 + 210 + 250 \\ 531 &:= 1^6 + 4^0 + 15^1 + 15^2 + 17^2 = 16 + 40 + 151 + 152 + 172 & 531 &:= 1^8 + 2^4 + 2^9 + 22^0 + 24^0 = 18 + 24 + 29 + 220 + 240 \\ 531 &:= 1^6 + 4^0 + 5^2 + 20^1 + 22^2 = 16 + 40 + 52 + 201 + 222 & 531 &:= 1^8 + 2^4 + 2^9 + 23^0 + 23^0 = 18 + 24 + 29 + 230 + 230 \\ 531 &:= 1^6 + 4^1 + 8^3 + 13^1 + 26^0 = 16 + 41 + 83 + 131 + 260 & 531 &:= 1^8 + 2^5 + 2^5 + 21^2 + 25^1 = 18 + 25 + 25 + 212 + 251 \\ 531 &:= 1^6 + 4^2 + 8^3 + 12^0 + 27^0 = 16 + 42 + 83 + 120 + 270 & 531 &:= 1^8 + 2^8 + 4^4 + 17^1 + 27^0 = 18 + 28 + 44 + 171 + 270 \\ 531 &:= 1^6 + 4^2 + 8^3 + 13^0 + 26^0 = 16 + 42 + 83 + 130 + 260 & 531 &:= 1^9 + 2^7 + 4^2 + 19^2 + 25^1 = 19 + 27 + 42 + 192 + 251 \\ 531 &:= 1^6 + 4^2 + 8^3 + 14^0 + 25^0 = 16 + 42 + 83 + 140 + 250 & 531 &:= 1^9 + 3^5 + 3^5 + 17^1 + 27^1 = 19 + 35 + 35 + 171 + 271 \\ 531 &:= 1^6 + 4^2 + 8^3 + 15^0 + 24^0 = 16 + 42 + 83 + 150 + 240 & 531 &:= 1^9 + 3^5 + 3^5 + 18^1 + 26^1 = 19 + 35 + 35 + 181 + 261 \\ 531 &:= 1^6 + 4^2 + 8^3 + 16^0 + 23^0 = 16 + 42 + 83 + 160 + 230 & 531 &:= 1^9 + 3^5 + 3^5 + 19^1 + 25^1 = 19 + 35 + 35 + 191 + 251 \\ 531 &:= 1^6 + 4^2 + 8^3 + 17^0 + 22^0 = 16 + 42 + 83 + 170 + 220 & 531 &:= 1^9 + 3^5 + 3^5 + 20^1 + 24^1 = 19 + 35 + 35 + 201 + 241 \\ 531 &:= 1^6 + 4^2 + 8^3 + 18^0 + 21^0 = 16 + 42 + 83 + 180 + 210 & 531 &:= 1^9 + 3^5 + 3^5 + 21^1 + 23^1 = 19 + 35 + 35 + 211 + 231 \\ 531 &:= 1^6 + 4^2 + 8^3 + 19^0 + 20^0 = 16 + 42 + 83 + 190 + 200 & 531 &:= 1^9 + 3^5 + 3^5 + 22^1 + 22^1 = 19 + 35 + 35 + 221 + 221 \\ 531 &:= 1^6 + 5^1 + 8^3 + 12^1 + 26^0 = 16 + 51 + 83 + 121 + 260 & 531 &:= 2^0 + 2^5 + 6^3 + 16^2 + 26^1 = 20 + 25 + 63 + 162 + 261 \\ 531 &:= 1^6 + 6^1 + 8^3 + 11^1 + 26^0 = 16 + 61 + 83 + 111 + 260 & 531 &:= 2^0 + 2^8 + 15^0 + 16^2 + 17^1 = 20 + 28 + 150 + 162 + 171 \\ 531 &:= 1^6 + 6^2 + 9^1 + 14^0 + 22^2 = 16 + 62 + 91 + 140 + 222 & 531 &:= 2^0 + 2^9 + 4^2 + 17^0 + 27^0 = 20 + 29 + 42 + 170 + 270 \\ 531 &:= 1^6 + 7^1 + 8^3 + 10^1 + 26^0 = 16 + 71 + 83 + 101 + 260 & 531 &:= 2^0 + 2^9 + 4^2 + 18^0 + 26^0 = 20 + 29 + 42 + 180 + 260 \\ 531 &:= 1^6 + 7^1 + 9^2 + 14^0 + 21^2 = 16 + 71 + 92 + 140 + 212 & 531 &:= 2^0 + 2^9 + 4^2 + 19^0 + 25^0 = 20 + 29 + 42 + 190 + 250 \\ 531 &:= 1^6 + 8^1 + 11^2 + 12^0 + 20^2 = 16 + 81 + 112 + 120 + 202 & 531 &:= 2^0 + 2^9 + 4^2 + 20^0 + 24^0 = 20 + 29 + 42 + 200 + 240 \\ 531 &:= 1^6 + 8^1 + 8^3 + 9^1 + 26^0 = 16 + 81 + 83 + 91 + 260 & 531 &:= 2^0 + 2^9 + 4^2 + 21^0 + 23^0 = 20 + 29 + 42 + 210 + 230 \\ 531 &:= 1^6 + 9^1 + 10^0 + 14^2 + 18^2 = 16 + 91 + 100 + 142 + 182 & 531 &:= 2^0 + 2^9 + 4^2 + 22^0 + 22^0 = 20 + 29 + 42 + 220 + 220 \\ 531 &:= 1^7 + 1^8 + 4^3 + 21^2 + 24^1 = 17 + 18 + 43 + 212 + 241 & 531 &:= 2^1 + 2^6 + 8^2 + 20^0 + 20^2 = 21 + 26 + 82 + 200 + 202 \\ 531 &:= 1^7 + 1^9 + 16^2 + 16^2 + 17^1 = 17 + 19 + 162 + 162 + 171 & 531 &:= 2^1 + 2^9 + 10^0 + 15^1 + 23^0 = 21 + 29 + 100 + 151 + 230 \\ 531 &:= 1^7 + 2^0 + 8^3 + 16^1 + 25^0 = 17 + 20 + 83 + 161 + 250 & 531 &:= 2^1 + 2^9 + 11^0 + 15^1 + 22^0 = 21 + 29 + 110 + 151 + 220 \end{aligned}$$

$$\begin{aligned} 531 &:= 2^1 + 2^9 + 12^0 + 15^1 + 21^0 = 21 + 29 + 120 + 151 + 210 & 531 &:= 2^9 + 3^0 + 4^2 + 19^0 + 24^0 = 29 + 30 + 42 + 190 + 240 \\ 531 &:= 2^1 + 2^9 + 13^0 + 15^1 + 20^0 = 21 + 29 + 130 + 151 + 200 & 531 &:= 2^9 + 3^0 + 4^2 + 20^0 + 23^0 = 29 + 30 + 42 + 200 + 230 \\ 531 &:= 2^1 + 2^9 + 14^0 + 15^1 + 19^0 = 21 + 29 + 140 + 151 + 190 & 531 &:= 2^9 + 3^0 + 4^2 + 21^0 + 22^0 = 29 + 30 + 42 + 210 + 220 \\ 531 &:= 2^1 + 2^9 + 15^0 + 15^1 + 18^0 = 21 + 29 + 150 + 151 + 180 & 531 &:= 2^9 + 3^1 + 10^0 + 14^1 + 23^0 = 29 + 31 + 100 + 141 + 230 \\ 531 &:= 2^1 + 2^9 + 15^1 + 16^0 + 17^0 = 21 + 29 + 151 + 160 + 170 & 531 &:= 2^9 + 3^1 + 11^0 + 14^1 + 22^0 = 29 + 31 + 110 + 141 + 220 \\ 531 &:= 2^1 + 2^9 + 6^0 + 15^1 + 27^0 = 21 + 29 + 60 + 151 + 270 & 531 &:= 2^9 + 3^1 + 12^0 + 14^1 + 21^0 = 29 + 31 + 120 + 141 + 210 \\ 531 &:= 2^1 + 2^9 + 7^0 + 15^1 + 26^0 = 21 + 29 + 70 + 151 + 260 & 531 &:= 2^9 + 3^1 + 13^0 + 14^1 + 20^0 = 29 + 31 + 130 + 141 + 200 \\ 531 &:= 2^1 + 2^9 + 8^0 + 15^1 + 25^0 = 21 + 29 + 80 + 151 + 250 & 531 &:= 2^9 + 3^1 + 14^0 + 14^1 + 19^0 = 29 + 31 + 140 + 141 + 190 \\ 531 &:= 2^1 + 2^9 + 9^0 + 15^1 + 24^0 = 21 + 29 + 90 + 151 + 240 & 531 &:= 2^9 + 3^1 + 14^1 + 15^0 + 18^0 = 29 + 31 + 141 + 150 + 180 \\ 531 &:= 2^2 + 2^6 + 6^0 + 21^1 + 21^2 = 22 + 26 + 60 + 211 + 212 & 531 &:= 2^9 + 3^1 + 14^1 + 16^0 + 17^0 = 29 + 31 + 141 + 160 + 170 \\ 531 &:= 2^3 + 2^5 + 6^1 + 20^0 + 22^2 = 23 + 25 + 61 + 200 + 222 & 531 &:= 2^9 + 3^1 + 6^0 + 14^1 + 27^0 = 29 + 31 + 60 + 141 + 270 \\ 531 &:= 2^3 + 3^5 + 8^0 + 16^2 + 23^1 = 23 + 35 + 80 + 162 + 231 & 531 &:= 2^9 + 3^1 + 7^0 + 14^1 + 26^0 = 29 + 31 + 70 + 141 + 260 \\ 531 &:= 2^4 + 2^4 + 12^0 + 14^1 + 22^2 = 24 + 24 + 120 + 141 + 222 & 531 &:= 2^9 + 3^1 + 8^0 + 14^1 + 25^0 = 29 + 31 + 80 + 141 + 250 \\ 531 &:= 2^4 + 3^2 + 4^3 + 21^2 + 22^0 = 24 + 32 + 43 + 212 + 220 & 531 &:= 2^9 + 3^1 + 9^0 + 14^1 + 24^0 = 29 + 31 + 90 + 141 + 240 \\ 531 &:= 2^4 + 3^2 + 6^3 + 17^2 + 24^0 = 24 + 32 + 63 + 172 + 240 & 531 &:= 2^9 + 4^0 + 4^2 + 15^0 + 27^0 = 29 + 40 + 42 + 150 + 270 \\ 531 &:= 2^4 + 4^3 + 15^2 + 15^2 + 16^0 = 24 + 43 + 152 + 152 + 160 & 531 &:= 2^9 + 4^0 + 4^2 + 16^0 + 26^0 = 29 + 40 + 42 + 160 + 260 \\ 531 &:= 2^4 + 5^3 + 10^2 + 17^2 + 18^0 = 24 + 53 + 102 + 172 + 180 & 531 &:= 2^9 + 4^0 + 4^2 + 17^0 + 25^0 = 29 + 40 + 42 + 170 + 250 \\ 531 &:= 2^5 + 11^2 + 11^2 + 12^0 + 16^2 = 25 + 112 + 112 + 120 + 162 & 531 &:= 2^9 + 4^0 + 4^2 + 18^0 + 24^0 = 29 + 40 + 42 + 180 + 240 \\ 531 &:= 2^5 + 4^2 + 11^2 + 16^0 + 19^2 = 25 + 42 + 112 + 160 + 192 & 531 &:= 2^9 + 4^0 + 4^2 + 19^0 + 23^0 = 29 + 40 + 42 + 190 + 230 \\ 531 &:= 2^5 + 5^3 + 12^1 + 14^0 + 19^2 = 25 + 53 + 121 + 140 + 192 & 531 &:= 2^9 + 4^0 + 4^2 + 20^0 + 22^0 = 29 + 40 + 42 + 200 + 220 \\ 531 &:= 2^5 + 7^2 + 7^2 + 16^0 + 20^2 = 25 + 72 + 72 + 160 + 202 & 531 &:= 2^9 + 4^0 + 4^2 + 21^0 + 21^0 = 29 + 40 + 42 + 210 + 210 \\ 531 &:= 2^5 + 7^3 + 11^1 + 12^2 + 20^0 = 25 + 73 + 111 + 122 + 200 & 531 &:= 2^9 + 4^1 + 10^0 + 13^1 + 23^0 = 29 + 41 + 100 + 131 + 230 \\ 531 &:= 2^6 + 3^2 + 10^0 + 16^1 + 21^2 = 26 + 32 + 100 + 161 + 212 & 531 &:= 2^9 + 4^1 + 11^0 + 13^1 + 22^0 = 29 + 41 + 110 + 131 + 220 \\ 531 &:= 2^6 + 4^0 + 15^2 + 15^2 + 16^1 = 26 + 40 + 152 + 152 + 161 & 531 &:= 2^9 + 4^1 + 12^0 + 13^1 + 21^0 = 29 + 41 + 120 + 131 + 210 \\ 531 &:= 2^6 + 4^2 + 9^1 + 16^0 + 21^2 = 26 + 42 + 91 + 160 + 212 & 531 &:= 2^9 + 4^1 + 13^0 + 13^1 + 20^0 = 29 + 41 + 130 + 131 + 200 \\ 531 &:= 2^6 + 5^1 + 10^2 + 16^0 + 19^2 = 26 + 51 + 102 + 160 + 192 & 531 &:= 2^9 + 4^1 + 13^1 + 14^0 + 19^0 = 29 + 41 + 131 + 140 + 190 \\ 531 &:= 2^6 + 6^0 + 14^1 + 14^2 + 16^2 = 26 + 60 + 141 + 142 + 162 & 531 &:= 2^9 + 4^1 + 13^1 + 15^0 + 18^0 = 29 + 41 + 131 + 150 + 180 \\ 531 &:= 2^6 + 6^0 + 7^2 + 17^1 + 20^2 = 26 + 60 + 72 + 171 + 202 & 531 &:= 2^9 + 4^1 + 13^1 + 16^0 + 17^0 = 29 + 41 + 131 + 160 + 170 \\ 531 &:= 2^6 + 8^1 + 12^0 + 13^2 + 17^2 = 26 + 81 + 120 + 132 + 172 & 531 &:= 2^9 + 4^1 + 6^0 + 13^1 + 27^0 = 29 + 41 + 60 + 131 + 270 \\ 531 &:= 2^8 + 3^0 + 14^0 + 16^2 + 17^1 = 28 + 30 + 140 + 162 + 171 & 531 &:= 2^9 + 4^1 + 7^0 + 13^1 + 26^0 = 29 + 41 + 70 + 131 + 260 \\ 531 &:= 2^8 + 4^0 + 13^0 + 16^2 + 17^1 = 28 + 40 + 130 + 162 + 171 & 531 &:= 2^9 + 4^1 + 8^0 + 13^1 + 25^0 = 29 + 41 + 80 + 131 + 250 \\ 531 &:= 2^8 + 5^0 + 12^0 + 16^2 + 17^1 = 28 + 50 + 120 + 162 + 171 & 531 &:= 2^9 + 4^1 + 9^0 + 13^1 + 24^0 = 29 + 41 + 90 + 131 + 240 \\ 531 &:= 2^8 + 6^0 + 11^0 + 16^2 + 17^1 = 28 + 60 + 110 + 162 + 171 & 531 &:= 2^9 + 4^2 + 10^0 + 10^0 + 26^0 = 29 + 42 + 100 + 100 + 260 \\ 531 &:= 2^8 + 7^0 + 10^0 + 16^2 + 17^1 = 28 + 70 + 100 + 162 + 171 & 531 &:= 2^9 + 4^2 + 10^0 + 11^0 + 25^0 = 29 + 42 + 100 + 110 + 250 \\ 531 &:= 2^8 + 8^0 + 9^0 + 16^2 + 17^1 = 28 + 80 + 90 + 162 + 171 & 531 &:= 2^9 + 4^2 + 10^0 + 12^0 + 24^0 = 29 + 42 + 100 + 120 + 240 \\ 531 &:= 2^9 + 3^0 + 4^2 + 16^0 + 27^0 = 29 + 30 + 42 + 160 + 270 & 531 &:= 2^9 + 4^2 + 10^0 + 13^0 + 23^0 = 29 + 42 + 100 + 130 + 230 \\ 531 &:= 2^9 + 3^0 + 4^2 + 17^0 + 26^0 = 29 + 30 + 42 + 170 + 260 & 531 &:= 2^9 + 4^2 + 10^0 + 14^0 + 22^0 = 29 + 42 + 100 + 140 + 220 \\ 531 &:= 2^9 + 3^0 + 4^2 + 18^0 + 25^0 = 29 + 30 + 42 + 180 + 250 & 531 &:= 2^9 + 4^2 + 10^0 + 15^0 + 21^0 = 29 + 42 + 100 + 150 + 210 \end{aligned}$$

$$\begin{aligned} 531 &:= 2^9 + 4^2 + 10^0 + 16^0 + 20^0 = 29 + 42 + 100 + 160 + 200 & 531 &:= 2^9 + 4^2 + 6^0 + 20^0 + 20^0 = 29 + 42 + 60 + 200 + 200 \\ 531 &:= 2^9 + 4^2 + 10^0 + 17^0 + 19^0 = 29 + 42 + 100 + 170 + 190 & 531 &:= 2^9 + 4^2 + 7^0 + 12^0 + 27^0 = 29 + 42 + 70 + 120 + 270 \\ 531 &:= 2^9 + 4^2 + 10^0 + 18^0 + 18^0 = 29 + 42 + 100 + 180 + 180 & 531 &:= 2^9 + 4^2 + 7^0 + 13^0 + 26^0 = 29 + 42 + 70 + 130 + 260 \\ 531 &:= 2^9 + 4^2 + 11^0 + 11^0 + 24^0 = 29 + 42 + 110 + 110 + 240 & 531 &:= 2^9 + 4^2 + 7^0 + 14^0 + 25^0 = 29 + 42 + 70 + 140 + 250 \\ 531 &:= 2^9 + 4^2 + 11^0 + 12^0 + 23^0 = 29 + 42 + 110 + 120 + 230 & 531 &:= 2^9 + 4^2 + 7^0 + 15^0 + 24^0 = 29 + 42 + 70 + 150 + 240 \\ 531 &:= 2^9 + 4^2 + 11^0 + 13^0 + 22^0 = 29 + 42 + 110 + 130 + 220 & 531 &:= 2^9 + 4^2 + 7^0 + 16^0 + 23^0 = 29 + 42 + 70 + 160 + 230 \\ 531 &:= 2^9 + 4^2 + 11^0 + 14^0 + 21^0 = 29 + 42 + 110 + 140 + 210 & 531 &:= 2^9 + 4^2 + 7^0 + 17^0 + 22^0 = 29 + 42 + 70 + 170 + 220 \\ 531 &:= 2^9 + 4^2 + 11^0 + 15^0 + 20^0 = 29 + 42 + 110 + 150 + 200 & 531 &:= 2^9 + 4^2 + 7^0 + 18^0 + 21^0 = 29 + 42 + 70 + 180 + 210 \\ 531 &:= 2^9 + 4^2 + 11^0 + 16^0 + 19^0 = 29 + 42 + 110 + 160 + 190 & 531 &:= 2^9 + 4^2 + 7^0 + 19^0 + 20^0 = 29 + 42 + 70 + 190 + 200 \\ 531 &:= 2^9 + 4^2 + 11^0 + 17^0 + 18^0 = 29 + 42 + 110 + 170 + 180 & 531 &:= 2^9 + 4^2 + 8^0 + 11^0 + 27^0 = 29 + 42 + 80 + 110 + 270 \\ 531 &:= 2^9 + 4^2 + 12^0 + 12^0 + 22^0 = 29 + 42 + 120 + 120 + 220 & 531 &:= 2^9 + 4^2 + 8^0 + 12^0 + 26^0 = 29 + 42 + 80 + 120 + 260 \\ 531 &:= 2^9 + 4^2 + 12^0 + 13^0 + 21^0 = 29 + 42 + 120 + 130 + 210 & 531 &:= 2^9 + 4^2 + 8^0 + 13^0 + 25^0 = 29 + 42 + 80 + 130 + 250 \\ 531 &:= 2^9 + 4^2 + 12^0 + 14^0 + 20^0 = 29 + 42 + 120 + 140 + 200 & 531 &:= 2^9 + 4^2 + 8^0 + 14^0 + 24^0 = 29 + 42 + 80 + 140 + 240 \\ 531 &:= 2^9 + 4^2 + 12^0 + 15^0 + 19^0 = 29 + 42 + 120 + 150 + 190 & 531 &:= 2^9 + 4^2 + 8^0 + 15^0 + 23^0 = 29 + 42 + 80 + 150 + 230 \\ 531 &:= 2^9 + 4^2 + 12^0 + 16^0 + 18^0 = 29 + 42 + 120 + 160 + 180 & 531 &:= 2^9 + 4^2 + 8^0 + 16^0 + 22^0 = 29 + 42 + 80 + 160 + 220 \\ 531 &:= 2^9 + 4^2 + 12^0 + 17^0 + 17^0 = 29 + 42 + 120 + 170 + 170 & 531 &:= 2^9 + 4^2 + 8^0 + 17^0 + 21^0 = 29 + 42 + 80 + 170 + 210 \\ 531 &:= 2^9 + 4^2 + 13^0 + 13^0 + 20^0 = 29 + 42 + 130 + 130 + 200 & 531 &:= 2^9 + 4^2 + 8^0 + 18^0 + 20^0 = 29 + 42 + 80 + 180 + 200 \\ 531 &:= 2^9 + 4^2 + 13^0 + 14^0 + 19^0 = 29 + 42 + 130 + 140 + 190 & 531 &:= 2^9 + 4^2 + 8^0 + 19^0 + 19^0 = 29 + 42 + 80 + 190 + 190 \\ 531 &:= 2^9 + 4^2 + 13^0 + 15^0 + 18^0 = 29 + 42 + 130 + 150 + 180 & 531 &:= 2^9 + 4^2 + 9^0 + 10^0 + 27^0 = 29 + 42 + 90 + 100 + 270 \\ 531 &:= 2^9 + 4^2 + 13^0 + 16^0 + 17^0 = 29 + 42 + 130 + 160 + 170 & 531 &:= 2^9 + 4^2 + 9^0 + 11^0 + 26^0 = 29 + 42 + 90 + 110 + 260 \\ 531 &:= 2^9 + 4^2 + 14^0 + 14^0 + 18^0 = 29 + 42 + 140 + 140 + 180 & 531 &:= 2^9 + 4^2 + 9^0 + 12^0 + 25^0 = 29 + 42 + 90 + 120 + 250 \\ 531 &:= 2^9 + 4^2 + 14^0 + 15^0 + 17^0 = 29 + 42 + 140 + 150 + 170 & 531 &:= 2^9 + 4^2 + 9^0 + 13^0 + 24^0 = 29 + 42 + 90 + 130 + 240 \\ 531 &:= 2^9 + 4^2 + 14^0 + 16^0 + 16^0 = 29 + 42 + 140 + 160 + 160 & 531 &:= 2^9 + 4^2 + 9^0 + 14^0 + 23^0 = 29 + 42 + 90 + 140 + 230 \\ 531 &:= 2^9 + 4^2 + 15^0 + 15^0 + 16^0 = 29 + 42 + 150 + 150 + 160 & 531 &:= 2^9 + 4^2 + 9^0 + 15^0 + 22^0 = 29 + 42 + 90 + 150 + 220 \\ 531 &:= 2^9 + 4^2 + 5^0 + 14^0 + 27^0 = 29 + 42 + 50 + 140 + 270 & 531 &:= 2^9 + 4^2 + 9^0 + 16^0 + 21^0 = 29 + 42 + 90 + 160 + 210 \\ 531 &:= 2^9 + 4^2 + 5^0 + 15^0 + 26^0 = 29 + 42 + 50 + 150 + 260 & 531 &:= 2^9 + 4^2 + 9^0 + 17^0 + 20^0 = 29 + 42 + 90 + 170 + 200 \\ 531 &:= 2^9 + 4^2 + 5^0 + 16^0 + 25^0 = 29 + 42 + 50 + 160 + 250 & 531 &:= 2^9 + 4^2 + 9^0 + 18^0 + 19^0 = 29 + 42 + 90 + 180 + 190 \\ 531 &:= 2^9 + 4^2 + 5^0 + 17^0 + 24^0 = 29 + 42 + 50 + 170 + 240 & 531 &:= 2^9 + 5^1 + 10^0 + 12^1 + 23^0 = 29 + 51 + 100 + 121 + 230 \\ 531 &:= 2^9 + 4^2 + 5^0 + 18^0 + 23^0 = 29 + 42 + 50 + 180 + 230 & 531 &:= 2^9 + 5^1 + 11^0 + 12^1 + 22^0 = 29 + 51 + 110 + 121 + 220 \\ 531 &:= 2^9 + 4^2 + 5^0 + 19^0 + 22^0 = 29 + 42 + 50 + 190 + 220 & 531 &:= 2^9 + 5^1 + 12^0 + 12^1 + 21^0 = 29 + 51 + 120 + 121 + 210 \\ 531 &:= 2^9 + 4^2 + 5^0 + 20^0 + 21^0 = 29 + 42 + 50 + 200 + 210 & 531 &:= 2^9 + 5^1 + 12^1 + 13^0 + 20^0 = 29 + 51 + 121 + 130 + 200 \\ 531 &:= 2^9 + 4^2 + 6^0 + 13^0 + 27^0 = 29 + 42 + 60 + 130 + 270 & 531 &:= 2^9 + 5^1 + 12^1 + 14^0 + 19^0 = 29 + 51 + 121 + 140 + 190 \\ 531 &:= 2^9 + 4^2 + 6^0 + 14^0 + 26^0 = 29 + 42 + 60 + 140 + 260 & 531 &:= 2^9 + 5^1 + 12^1 + 15^0 + 18^0 = 29 + 51 + 121 + 150 + 180 \\ 531 &:= 2^9 + 4^2 + 6^0 + 15^0 + 25^0 = 29 + 42 + 60 + 150 + 250 & 531 &:= 2^9 + 5^1 + 12^1 + 16^0 + 17^0 = 29 + 51 + 121 + 160 + 170 \\ 531 &:= 2^9 + 4^2 + 6^0 + 16^0 + 24^0 = 29 + 42 + 60 + 160 + 240 & 531 &:= 2^9 + 5^1 + 6^0 + 12^1 + 27^0 = 29 + 51 + 60 + 121 + 270 \\ 531 &:= 2^9 + 4^2 + 6^0 + 17^0 + 23^0 = 29 + 42 + 60 + 170 + 230 & 531 &:= 2^9 + 5^1 + 7^0 + 12^1 + 26^0 = 29 + 51 + 70 + 121 + 260 \\ 531 &:= 2^9 + 4^2 + 6^0 + 18^0 + 22^0 = 29 + 42 + 60 + 180 + 220 & 531 &:= 2^9 + 5^1 + 8^0 + 12^1 + 25^0 = 29 + 51 + 80 + 121 + 250 \\ 531 &:= 2^9 + 4^2 + 6^0 + 19^0 + 21^0 = 29 + 42 + 60 + 190 + 210 & 531 &:= 2^9 + 5^1 + 9^0 + 12^1 + 24^0 = 29 + 51 + 90 + 121 + 240 \end{aligned}$$

$531 := 2^9 + 6^0 + 6^1 + 11^1 + 27^0 = 29 + 60 + 61 + 111 + 270$	$531 := 2^9 + 8^1 + 9^1 + 12^0 + 21^0 = 29 + 81 + 91 + 120 + 210$
$531 := 2^9 + 6^0 + 7^1 + 10^1 + 27^0 = 29 + 60 + 71 + 101 + 270$	$531 := 2^9 + 8^1 + 9^1 + 13^0 + 20^0 = 29 + 81 + 91 + 130 + 200$
$531 := 2^9 + 6^0 + 8^1 + 9^1 + 27^0 = 29 + 60 + 81 + 91 + 270$	$531 := 2^9 + 8^1 + 9^1 + 14^0 + 19^0 = 29 + 81 + 91 + 140 + 190$
$531 := 2^9 + 6^1 + 10^0 + 11^1 + 23^0 = 29 + 61 + 100 + 111 + 230$	$531 := 2^9 + 8^1 + 9^1 + 15^0 + 18^0 = 29 + 81 + 91 + 150 + 180$
$531 := 2^9 + 6^1 + 11^0 + 11^1 + 22^0 = 29 + 61 + 110 + 111 + 220$	$531 := 2^9 + 8^1 + 9^1 + 16^0 + 17^0 = 29 + 81 + 91 + 160 + 170$
$531 := 2^9 + 6^1 + 11^1 + 12^0 + 21^0 = 29 + 61 + 111 + 120 + 210$	$531 := 3^3 + 3^5 + 4^1 + 16^2 + 26^0 = 33 + 35 + 41 + 162 + 260$
$531 := 2^9 + 6^1 + 11^1 + 13^0 + 20^0 = 29 + 61 + 111 + 130 + 200$	$531 := 3^4 + 3^4 + 7^1 + 19^2 + 20^0 = 34 + 34 + 71 + 192 + 200$
$531 := 2^9 + 6^1 + 11^1 + 14^0 + 19^0 = 29 + 61 + 111 + 140 + 190$	$531 := 3^4 + 4^4 + 8^0 + 13^2 + 24^1 = 34 + 44 + 80 + 132 + 241$
$531 := 2^9 + 6^1 + 11^1 + 15^0 + 18^0 = 29 + 61 + 111 + 150 + 180$	$531 := 3^4 + 6^3 + 6^3 + 17^1 + 20^0 = 34 + 63 + 63 + 171 + 200$
$531 := 2^9 + 6^1 + 11^1 + 16^0 + 17^0 = 29 + 61 + 111 + 160 + 170$	$531 := 3^4 + 6^3 + 8^2 + 13^2 + 22^0 = 34 + 63 + 82 + 132 + 220$
$531 := 2^9 + 6^1 + 7^0 + 11^1 + 26^0 = 29 + 61 + 70 + 111 + 260$	$531 := 3^5 + 4^0 + 4^3 + 14^2 + 27^1 = 35 + 40 + 43 + 142 + 271$
$531 := 2^9 + 6^1 + 8^0 + 11^1 + 25^0 = 29 + 61 + 80 + 111 + 250$	$531 := 3^5 + 4^1 + 4^4 + 14^0 + 27^1 = 35 + 41 + 44 + 140 + 271$
$531 := 2^9 + 6^1 + 9^0 + 11^1 + 24^0 = 29 + 61 + 90 + 111 + 240$	$531 := 3^5 + 4^4 + 10^1 + 14^0 + 21^1 = 35 + 44 + 101 + 140 + 211$
$531 := 2^9 + 7^0 + 7^1 + 10^1 + 26^0 = 29 + 70 + 71 + 101 + 260$	$531 := 3^5 + 4^4 + 11^1 + 14^0 + 20^1 = 35 + 44 + 111 + 140 + 201$
$531 := 2^9 + 7^0 + 8^1 + 9^1 + 26^0 = 29 + 70 + 81 + 91 + 260$	$531 := 3^5 + 4^4 + 12^1 + 14^0 + 19^1 = 35 + 44 + 121 + 140 + 191$
$531 := 2^9 + 7^1 + 10^0 + 10^1 + 23^0 = 29 + 71 + 100 + 101 + 230$	$531 := 3^5 + 4^4 + 13^1 + 14^0 + 18^1 = 35 + 44 + 131 + 140 + 181$
$531 := 2^9 + 7^1 + 10^1 + 11^0 + 22^0 = 29 + 71 + 101 + 110 + 220$	$531 := 3^5 + 4^4 + 14^0 + 14^1 + 17^1 = 35 + 44 + 140 + 141 + 171$
$531 := 2^9 + 7^1 + 10^1 + 12^0 + 21^0 = 29 + 71 + 101 + 120 + 210$	$531 := 3^5 + 4^4 + 14^0 + 15^1 + 16^1 = 35 + 44 + 140 + 151 + 161$
$531 := 2^9 + 7^1 + 10^1 + 13^0 + 20^0 = 29 + 71 + 101 + 130 + 200$	$531 := 3^5 + 4^4 + 5^1 + 14^0 + 26^1 = 35 + 44 + 51 + 140 + 261$
$531 := 2^9 + 7^1 + 10^1 + 14^0 + 19^0 = 29 + 71 + 101 + 140 + 190$	$531 := 3^5 + 4^4 + 6^1 + 14^0 + 25^1 = 35 + 44 + 61 + 140 + 251$
$531 := 2^9 + 7^1 + 10^1 + 15^0 + 18^0 = 29 + 71 + 101 + 150 + 180$	$531 := 3^5 + 4^4 + 7^1 + 14^0 + 24^1 = 35 + 44 + 71 + 140 + 241$
$531 := 2^9 + 7^1 + 10^1 + 16^0 + 17^0 = 29 + 71 + 101 + 160 + 170$	$531 := 3^5 + 4^4 + 8^1 + 14^0 + 23^1 = 35 + 44 + 81 + 140 + 231$
$531 := 2^9 + 7^1 + 8^0 + 10^1 + 25^0 = 29 + 71 + 80 + 101 + 250$	$531 := 3^5 + 4^4 + 9^1 + 14^0 + 22^1 = 35 + 44 + 91 + 140 + 221$
$531 := 2^9 + 7^1 + 9^0 + 10^1 + 24^0 = 29 + 71 + 90 + 101 + 240$	$531 := 3^5 + 5^3 + 12^2 + 14^0 + 18^1 = 35 + 53 + 122 + 140 + 181$
$531 := 2^9 + 8^0 + 8^1 + 9^1 + 25^0 = 29 + 80 + 81 + 91 + 250$	$531 := 3^5 + 6^3 + 7^2 + 14^0 + 22^1 = 35 + 63 + 72 + 140 + 221$
$531 := 2^9 + 8^1 + 9^0 + 9^1 + 24^0 = 29 + 81 + 90 + 91 + 240$	$531 := 4^4 + 5^3 + 5^3 + 14^0 + 24^1 = 44 + 53 + 53 + 140 + 241$
$531 := 2^9 + 8^1 + 9^1 + 10^0 + 23^0 = 29 + 81 + 91 + 100 + 230$	$531 := 4^4 + 5^3 + 7^2 + 10^2 + 26^0 = 44 + 53 + 72 + 102 + 260$
$531 := 2^9 + 8^1 + 9^1 + 11^0 + 22^0 = 29 + 81 + 91 + 110 + 220$	

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$532 := 1^0 + 1^0 + 23^2 + 28^0 = 10 + 10 + 232 + 280$	$532 := 1^0 + 3^0 + 23^2 + 26^0 = 10 + 30 + 232 + 260$
$532 := 1^0 + 10^0 + 19^0 + 23^2 = 10 + 100 + 190 + 232$	$532 := 1^0 + 4^0 + 23^2 + 25^0 = 10 + 40 + 232 + 250$
$532 := 1^0 + 11^0 + 18^0 + 23^2 = 10 + 110 + 180 + 232$	$532 := 1^0 + 5^0 + 23^2 + 24^0 = 10 + 50 + 232 + 240$
$532 := 1^0 + 12^0 + 17^0 + 23^2 = 10 + 120 + 170 + 232$	$532 := 1^0 + 6^0 + 23^0 + 23^2 = 10 + 60 + 230 + 232$
$532 := 1^0 + 13^0 + 16^0 + 23^2 = 10 + 130 + 160 + 232$	$532 := 1^0 + 7^0 + 22^0 + 23^2 = 10 + 70 + 220 + 232$
$532 := 1^0 + 14^0 + 15^0 + 23^2 = 10 + 140 + 150 + 232$	$532 := 1^0 + 8^0 + 21^0 + 23^2 = 10 + 80 + 210 + 232$
$532 := 1^0 + 2^0 + 23^2 + 27^0 = 10 + 20 + 232 + 270$	$532 := 1^0 + 9^0 + 20^0 + 23^2 = 10 + 90 + 200 + 232$

$532 := 1^1 + 1^9 + 23^2 + 27^0$	$= 11 + 19 + 232 + 270$	$532 := 3^0 + 5^0 + 22^0 + 23^2$	$= 30 + 50 + 220 + 232$
$532 := 1^1 + 3^5 + 3^5 + 45^1$	$= 11 + 35 + 35 + 451$	$532 := 3^0 + 6^0 + 21^0 + 23^2$	$= 30 + 60 + 210 + 232$
$532 := 1^2 + 1^8 + 23^2 + 27^0$	$= 12 + 18 + 232 + 270$	$532 := 3^0 + 7^0 + 20^0 + 23^2$	$= 30 + 70 + 200 + 232$
$532 := 1^2 + 2^9 + 18^1 + 31^0$	$= 12 + 29 + 181 + 310$	$532 := 3^0 + 8^0 + 19^0 + 23^2$	$= 30 + 80 + 190 + 232$
$532 := 1^3 + 1^7 + 23^2 + 27^0$	$= 13 + 17 + 232 + 270$	$532 := 3^0 + 9^0 + 18^0 + 23^2$	$= 30 + 90 + 180 + 232$
$532 := 1^4 + 1^6 + 23^2 + 27^0$	$= 14 + 16 + 232 + 270$	$532 := 3^1 + 3^5 + 3^5 + 43^1$	$= 31 + 35 + 35 + 431$
$532 := 1^4 + 3^5 + 16^2 + 32^1$	$= 14 + 35 + 162 + 321$	$532 := 3^5 + 3^5 + 10^1 + 36^1$	$= 35 + 35 + 101 + 361$
$532 := 1^5 + 1^5 + 23^2 + 27^0$	$= 15 + 15 + 232 + 270$	$532 := 3^5 + 3^5 + 11^1 + 35^1$	$= 35 + 35 + 111 + 351$
$532 := 1^6 + 4^3 + 21^2 + 26^1$	$= 16 + 43 + 212 + 261$	$532 := 3^5 + 3^5 + 12^1 + 34^1$	$= 35 + 35 + 121 + 341$
$532 := 1^7 + 16^2 + 16^2 + 19^1$	$= 17 + 162 + 162 + 191$	$532 := 3^5 + 3^5 + 13^1 + 33^1$	$= 35 + 35 + 131 + 331$
$532 := 1^8 + 13^2 + 19^0 + 19^2$	$= 18 + 132 + 190 + 192$	$532 := 3^5 + 3^5 + 14^1 + 32^1$	$= 35 + 35 + 141 + 321$
$532 := 1^8 + 8^3 + 18^1 + 25^0$	$= 18 + 83 + 181 + 250$	$532 := 3^5 + 3^5 + 15^1 + 31^1$	$= 35 + 35 + 151 + 311$
$532 := 10^0 + 10^0 + 10^0 + 23^2$	$= 100 + 100 + 100 + 232$	$532 := 3^5 + 3^5 + 16^1 + 30^1$	$= 35 + 35 + 161 + 301$
$532 := 2^0 + 10^0 + 18^0 + 23^2$	$= 20 + 100 + 180 + 232$	$532 := 3^5 + 3^5 + 17^1 + 29^1$	$= 35 + 35 + 171 + 291$
$532 := 2^0 + 11^0 + 17^0 + 23^2$	$= 20 + 110 + 170 + 232$	$532 := 3^5 + 3^5 + 18^1 + 28^1$	$= 35 + 35 + 181 + 281$
$532 := 2^0 + 12^0 + 16^0 + 23^2$	$= 20 + 120 + 160 + 232$	$532 := 3^5 + 3^5 + 19^1 + 27^1$	$= 35 + 35 + 191 + 271$
$532 := 2^0 + 13^0 + 15^0 + 23^2$	$= 20 + 130 + 150 + 232$	$532 := 3^5 + 3^5 + 20^1 + 26^1$	$= 35 + 35 + 201 + 261$
$532 := 2^0 + 14^0 + 14^0 + 23^2$	$= 20 + 140 + 140 + 232$	$532 := 3^5 + 3^5 + 21^1 + 25^1$	$= 35 + 35 + 211 + 251$
$532 := 2^0 + 2^0 + 23^2 + 26^0$	$= 20 + 20 + 232 + 260$	$532 := 3^5 + 3^5 + 22^1 + 24^1$	$= 35 + 35 + 221 + 241$
$532 := 2^0 + 3^0 + 23^2 + 25^0$	$= 20 + 30 + 232 + 250$	$532 := 3^5 + 3^5 + 23^1 + 23^1$	$= 35 + 35 + 231 + 231$
$532 := 2^0 + 4^0 + 23^2 + 24^0$	$= 20 + 40 + 232 + 240$	$532 := 3^5 + 3^5 + 4^1 + 42^1$	$= 35 + 35 + 41 + 421$
$532 := 2^0 + 5^0 + 23^0 + 23^2$	$= 20 + 50 + 230 + 232$	$532 := 3^5 + 3^5 + 5^1 + 41^1$	$= 35 + 35 + 51 + 411$
$532 := 2^0 + 6^0 + 22^0 + 23^2$	$= 20 + 60 + 220 + 232$	$532 := 3^5 + 3^5 + 6^1 + 40^1$	$= 35 + 35 + 61 + 401$
$532 := 2^0 + 7^0 + 21^0 + 23^2$	$= 20 + 70 + 210 + 232$	$532 := 3^5 + 3^5 + 7^1 + 39^1$	$= 35 + 35 + 71 + 391$
$532 := 2^0 + 8^0 + 20^0 + 23^2$	$= 20 + 80 + 200 + 232$	$532 := 3^5 + 3^5 + 8^1 + 38^1$	$= 35 + 35 + 81 + 381$
$532 := 2^0 + 9^0 + 19^0 + 23^2$	$= 20 + 90 + 190 + 232$	$532 := 3^5 + 3^5 + 9^1 + 37^1$	$= 35 + 35 + 91 + 371$
$532 := 2^1 + 3^5 + 3^5 + 44^1$	$= 21 + 35 + 35 + 441$	$532 := 3^5 + 5^3 + 5^3 + 39^1$	$= 35 + 53 + 53 + 391$
$532 := 2^2 + 2^9 + 15^1 + 33^0$	$= 22 + 29 + 151 + 330$	$532 := 4^0 + 10^0 + 16^0 + 23^2$	$= 40 + 100 + 160 + 232$
$532 := 2^5 + 3^5 + 16^2 + 31^0$	$= 25 + 35 + 162 + 310$	$532 := 4^0 + 11^0 + 15^0 + 23^2$	$= 40 + 110 + 150 + 232$
$532 := 2^7 + 4^2 + 19^2 + 27^1$	$= 27 + 42 + 192 + 271$	$532 := 4^0 + 12^0 + 14^0 + 23^2$	$= 40 + 120 + 140 + 232$
$532 := 2^9 + 3^1 + 4^2 + 43^0$	$= 29 + 31 + 42 + 430$	$532 := 4^0 + 13^0 + 13^0 + 23^2$	$= 40 + 130 + 130 + 232$
$532 := 2^9 + 3^2 + 10^1 + 37^0$	$= 29 + 32 + 101 + 370$	$532 := 4^0 + 4^0 + 22^0 + 23^2$	$= 40 + 40 + 220 + 232$
$532 := 3^0 + 10^0 + 17^0 + 23^2$	$= 30 + 100 + 170 + 232$	$532 := 4^0 + 5^0 + 21^0 + 23^2$	$= 40 + 50 + 210 + 232$
$532 := 3^0 + 11^0 + 16^0 + 23^2$	$= 30 + 110 + 160 + 232$	$532 := 4^0 + 6^0 + 20^0 + 23^2$	$= 40 + 60 + 200 + 232$
$532 := 3^0 + 12^0 + 15^0 + 23^2$	$= 30 + 120 + 150 + 232$	$532 := 4^0 + 7^0 + 19^0 + 23^2$	$= 40 + 70 + 190 + 232$
$532 := 3^0 + 13^0 + 14^0 + 23^2$	$= 30 + 130 + 140 + 232$	$532 := 4^0 + 8^0 + 18^0 + 23^2$	$= 40 + 80 + 180 + 232$
$532 := 3^0 + 3^0 + 23^2 + 24^0$	$= 30 + 30 + 232 + 240$	$532 := 4^0 + 9^0 + 17^0 + 23^2$	$= 40 + 90 + 170 + 232$
$532 := 3^0 + 4^0 + 23^0 + 23^2$	$= 30 + 40 + 230 + 232$	$532 := 5^0 + 10^0 + 15^0 + 23^2$	$= 50 + 100 + 150 + 232$

$532 := 5^0 + 11^0 + 14^0 + 23^2$	$= 50 + 110 + 140 + 232$	$532 := 1^1 + 2^5 + 6^3 + 16^2 + 27^1$	$= 11 + 25 + 63 + 162 + 271$
$532 := 5^0 + 12^0 + 13^0 + 23^2$	$= 50 + 120 + 130 + 232$	$532 := 1^1 + 2^8 + 15^0 + 16^2 + 18^1$	$= 11 + 28 + 150 + 162 + 181$
$532 := 5^0 + 5^0 + 20^0 + 23^2$	$= 50 + 50 + 200 + 232$	$532 := 1^2 + 1^4 + 4^3 + 21^2 + 25^1$	$= 12 + 14 + 43 + 212 + 251$
$532 := 5^0 + 6^0 + 19^0 + 23^2$	$= 50 + 60 + 190 + 232$	$532 := 1^2 + 1^5 + 16^2 + 16^2 + 18^1$	$= 12 + 15 + 162 + 162 + 181$
$532 := 5^0 + 7^0 + 18^0 + 23^2$	$= 50 + 70 + 180 + 232$	$532 := 1^2 + 1^6 + 8^3 + 17^1 + 25^0$	$= 12 + 16 + 83 + 171 + 250$
$532 := 5^0 + 8^0 + 17^0 + 23^2$	$= 50 + 80 + 170 + 232$	$532 := 1^2 + 2^1 + 2^7 + 20^2 + 27^0$	$= 12 + 21 + 27 + 202 + 270$
$532 := 5^0 + 9^0 + 16^0 + 23^2$	$= 50 + 90 + 160 + 232$	$532 := 1^2 + 2^5 + 15^2 + 16^2 + 18^1$	$= 12 + 25 + 152 + 162 + 181$
$532 := 6^0 + 10^0 + 14^0 + 23^2$	$= 60 + 100 + 140 + 232$	$532 := 1^2 + 2^5 + 6^2 + 21^2 + 22^1$	$= 12 + 25 + 62 + 212 + 221$
$532 := 6^0 + 11^0 + 13^0 + 23^2$	$= 60 + 110 + 130 + 232$	$532 := 1^2 + 2^6 + 5^2 + 21^2 + 23^0$	$= 12 + 26 + 52 + 212 + 230$
$532 := 6^0 + 12^0 + 12^0 + 23^2$	$= 60 + 120 + 120 + 232$	$532 := 1^2 + 2^9 + 10^0 + 17^1 + 22^0$	$= 12 + 29 + 100 + 171 + 220$
$532 := 6^0 + 6^0 + 18^0 + 23^2$	$= 60 + 60 + 180 + 232$	$532 := 1^2 + 2^9 + 11^0 + 17^1 + 21^0$	$= 12 + 29 + 110 + 171 + 210$
$532 := 6^0 + 7^0 + 17^0 + 23^2$	$= 60 + 70 + 170 + 232$	$532 := 1^2 + 2^9 + 12^0 + 17^1 + 20^0$	$= 12 + 29 + 120 + 171 + 200$
$532 := 6^0 + 8^0 + 16^0 + 23^2$	$= 60 + 80 + 160 + 232$	$532 := 1^2 + 2^9 + 13^0 + 17^1 + 19^0$	$= 12 + 29 + 130 + 171 + 190$
$532 := 6^0 + 9^0 + 15^0 + 23^2$	$= 60 + 90 + 150 + 232$	$532 := 1^2 + 2^9 + 14^0 + 17^1 + 18^0$	$= 12 + 29 + 140 + 171 + 180$
$532 := 7^0 + 10^0 + 13^0 + 23^2$	$= 70 + 100 + 130 + 232$	$532 := 1^2 + 2^9 + 15^0 + 17^0 + 17^1$	$= 12 + 29 + 150 + 170 + 171$
$532 := 7^0 + 11^0 + 12^0 + 23^2$	$= 70 + 110 + 120 + 232$	$532 := 1^2 + 2^9 + 16^0 + 16^0 + 17^1$	$= 12 + 29 + 160 + 160 + 171$
$532 := 7^0 + 7^0 + 16^0 + 23^2$	$= 70 + 70 + 160 + 232$	$532 := 1^2 + 2^9 + 5^0 + 17^1 + 27^0$	$= 12 + 29 + 50 + 171 + 270$
$532 := 7^0 + 8^0 + 15^0 + 23^2$	$= 70 + 80 + 150 + 232$	$532 := 1^2 + 2^9 + 6^0 + 17^1 + 26^0$	$= 12 + 29 + 60 + 171 + 260$
$532 := 7^0 + 9^0 + 14^0 + 23^2$	$= 70 + 90 + 140 + 232$	$532 := 1^2 + 2^9 + 7^0 + 17^1 + 25^0$	$= 12 + 29 + 70 + 171 + 250$
$532 := 8^0 + 10^0 + 12^0 + 23^2$	$= 80 + 100 + 120 + 232$	$532 := 1^2 + 2^9 + 8^0 + 17^1 + 24^0$	$= 12 + 29 + 80 + 171 + 240$
$532 := 8^0 + 11^0 + 11^0 + 23^2$	$= 80 + 110 + 110 + 232$	$532 := 1^2 + 2^9 + 9^0 + 17^1 + 23^0$	$= 12 + 29 + 90 + 171 + 230$
$532 := 8^0 + 8^0 + 14^0 + 23^2$	$= 80 + 80 + 140 + 232$	$532 := 1^2 + 3^4 + 4^3 + 19^2 + 25^1$	$= 12 + 34 + 43 + 192 + 251$
$532 := 8^0 + 9^0 + 13^0 + 23^2$	$= 80 + 90 + 130 + 232$	$532 := 1^2 + 3^5 + 6^2 + 15^2 + 27^1$	$= 12 + 35 + 62 + 152 + 271$
$532 := 9^0 + 10^0 + 11^0 + 23^2$	$= 90 + 100 + 110 + 232$	$532 := 1^3 + 1^3 + 4^3 + 21^2 + 25^1$	$= 13 + 13 + 43 + 212 + 251$
$532 := 9^0 + 9^0 + 12^0 + 23^2$	$= 90 + 90 + 120 + 232$	$532 := 1^3 + 1^4 + 16^2 + 16^2 + 18^1$	$= 13 + 14 + 162 + 162 + 181$
$532 := 1^0 + 1^6 + 4^3 + 21^2 + 25^1$	$= 10 + 16 + 43 + 212 + 251$	$532 := 1^3 + 1^5 + 8^3 + 17^1 + 25^0$	$= 13 + 15 + 83 + 171 + 250$
$532 := 1^0 + 1^7 + 16^2 + 16^2 + 18^1$	$= 10 + 17 + 162 + 162 + 181$	$532 := 1^3 + 2^3 + 3^4 + 21^2 + 25^0$	$= 13 + 23 + 34 + 212 + 250$
$532 := 1^0 + 1^8 + 8^3 + 17^1 + 25^0$	$= 10 + 18 + 83 + 171 + 250$	$532 := 1^3 + 2^6 + 3^0 + 21^2 + 25^1$	$= 13 + 26 + 30 + 212 + 251$
$532 := 1^0 + 2^7 + 4^2 + 19^2 + 26^1$	$= 10 + 27 + 42 + 192 + 261$	$532 := 1^3 + 3^4 + 5^3 + 18^2 + 25^0$	$= 13 + 34 + 53 + 182 + 250$
$532 := 1^0 + 2^8 + 7^2 + 15^2 + 27^0$	$= 10 + 28 + 72 + 152 + 270$	$532 := 1^3 + 3^5 + 10^1 + 16^2 + 22^1$	$= 13 + 35 + 101 + 162 + 221$
$532 := 1^0 + 3^5 + 3^5 + 18^1 + 27^1$	$= 10 + 35 + 35 + 181 + 271$	$532 := 1^3 + 3^5 + 11^1 + 16^2 + 21^1$	$= 13 + 35 + 111 + 162 + 211$
$532 := 1^0 + 3^5 + 3^5 + 19^1 + 26^1$	$= 10 + 35 + 35 + 191 + 261$	$532 := 1^3 + 3^5 + 12^1 + 16^2 + 20^1$	$= 13 + 35 + 121 + 162 + 201$
$532 := 1^0 + 3^5 + 3^5 + 20^1 + 25^1$	$= 10 + 35 + 35 + 201 + 251$	$532 := 1^3 + 3^5 + 13^1 + 16^2 + 19^1$	$= 13 + 35 + 131 + 162 + 191$
$532 := 1^0 + 3^5 + 3^5 + 21^1 + 24^1$	$= 10 + 35 + 35 + 211 + 241$	$532 := 1^3 + 3^5 + 14^1 + 16^2 + 18^1$	$= 13 + 35 + 141 + 162 + 181$
$532 := 1^0 + 3^5 + 3^5 + 22^1 + 23^1$	$= 10 + 35 + 35 + 221 + 231$	$532 := 1^3 + 3^5 + 15^1 + 16^2 + 17^1$	$= 13 + 35 + 151 + 162 + 171$
$532 := 1^1 + 1^5 + 4^3 + 21^2 + 25^1$	$= 11 + 15 + 43 + 212 + 251$	$532 := 1^3 + 3^5 + 16^1 + 16^1 + 16^2$	$= 13 + 35 + 161 + 161 + 162$
$532 := 1^1 + 1^6 + 16^2 + 16^2 + 18^1$	$= 11 + 16 + 162 + 162 + 181$	$532 := 1^3 + 3^5 + 5^1 + 16^2 + 27^1$	$= 13 + 35 + 51 + 162 + 271$
$532 := 1^1 + 1^7 + 8^3 + 17^1 + 25^0$	$= 11 + 17 + 83 + 171 + 250$	$532 := 1^3 + 3^5 + 6^1 + 16^2 + 26^1$	$= 13 + 35 + 61 + 162 + 261$

$$\begin{aligned} 532 &:= 1^3 + 3^5 + 7^1 + 16^2 + 25^1 = 13 + 35 + 71 + 162 + 251 & 532 &:= 1^5 + 6^2 + 6^2 + 18^1 + 21^2 = 15 + 62 + 62 + 181 + 212 \\ 532 &:= 1^3 + 3^5 + 8^1 + 16^2 + 24^1 = 13 + 35 + 81 + 162 + 241 & 532 &:= 1^5 + 7^2 + 12^2 + 14^1 + 18^2 = 15 + 72 + 122 + 141 + 182 \\ 532 &:= 1^3 + 3^5 + 9^1 + 16^2 + 23^1 = 13 + 35 + 91 + 162 + 231 & 532 &:= 1^6 + 2^1 + 16^2 + 16^2 + 17^1 = 16 + 21 + 162 + 162 + 171 \\ 532 &:= 1^3 + 4^3 + 6^3 + 15^2 + 26^1 = 13 + 43 + 63 + 152 + 261 & 532 &:= 1^6 + 2^2 + 8^3 + 14^1 + 27^0 = 16 + 22 + 83 + 141 + 270 \\ 532 &:= 1^3 + 4^4 + 4^4 + 18^1 + 25^0 = 13 + 44 + 44 + 181 + 250 & 532 &:= 1^6 + 3^0 + 6^3 + 17^2 + 25^1 = 16 + 30 + 63 + 172 + 251 \\ 532 &:= 1^3 + 4^4 + 9^2 + 13^2 + 25^1 = 13 + 44 + 92 + 132 + 251 & 532 &:= 1^6 + 3^1 + 16^1 + 16^2 + 16^2 = 16 + 31 + 161 + 162 + 162 \\ 532 &:= 1^3 + 5^3 + 5^3 + 16^2 + 25^1 = 13 + 53 + 53 + 162 + 251 & 532 &:= 1^6 + 3^2 + 11^2 + 17^0 + 20^2 = 16 + 32 + 112 + 170 + 202 \\ 532 &:= 1^4 + 1^4 + 8^3 + 17^1 + 25^0 = 14 + 14 + 83 + 171 + 250 & 532 &:= 1^6 + 3^3 + 7^0 + 19^1 + 22^2 = 16 + 33 + 70 + 191 + 222 \\ 532 &:= 1^4 + 2^3 + 12^2 + 18^1 + 19^2 = 14 + 23 + 122 + 181 + 192 & 532 &:= 1^6 + 4^1 + 15^1 + 16^2 + 16^2 = 16 + 41 + 151 + 162 + 162 \\ 532 &:= 1^4 + 2^3 + 4^2 + 22^2 + 23^1 = 14 + 23 + 42 + 222 + 231 & 532 &:= 1^6 + 4^2 + 15^0 + 15^2 + 17^2 = 16 + 42 + 150 + 152 + 172 \\ 532 &:= 1^4 + 2^4 + 15^2 + 17^0 + 17^2 = 14 + 24 + 152 + 170 + 172 & 532 &:= 1^6 + 5^1 + 14^1 + 16^2 + 16^2 = 16 + 51 + 141 + 162 + 162 \\ 532 &:= 1^4 + 2^5 + 13^0 + 14^1 + 22^2 = 14 + 25 + 130 + 141 + 222 & 532 &:= 1^6 + 5^1 + 5^3 + 20^2 + 21^0 = 16 + 51 + 53 + 202 + 210 \\ 532 &:= 1^4 + 3^4 + 7^2 + 20^2 + 21^0 = 14 + 34 + 72 + 202 + 210 & 532 &:= 1^6 + 5^2 + 12^2 + 15^0 + 19^2 = 16 + 52 + 122 + 150 + 192 \\ 532 &:= 1^4 + 4^3 + 15^2 + 15^2 + 17^1 = 14 + 43 + 152 + 152 + 171 & 532 &:= 1^6 + 5^2 + 8^2 + 17^0 + 21^2 = 16 + 52 + 82 + 170 + 212 \\ 532 &:= 1^4 + 4^4 + 7^2 + 15^2 + 25^0 = 14 + 44 + 72 + 152 + 250 & 532 &:= 1^6 + 6^1 + 13^1 + 16^2 + 16^2 = 16 + 61 + 131 + 162 + 162 \\ 532 &:= 1^4 + 6^2 + 6^3 + 16^2 + 23^1 = 14 + 62 + 63 + 162 + 231 & 532 &:= 1^6 + 7^1 + 12^1 + 16^2 + 16^2 = 16 + 71 + 121 + 162 + 162 \\ 532 &:= 1^4 + 7^3 + 9^2 + 9^2 + 26^1 = 14 + 73 + 92 + 92 + 261 & 532 &:= 1^6 + 7^2 + 13^0 + 15^2 + 16^2 = 16 + 72 + 130 + 152 + 162 \\ 532 &:= 1^5 + 2^1 + 4^3 + 21^2 + 24^1 = 15 + 21 + 43 + 212 + 241 & 532 &:= 1^6 + 7^2 + 9^2 + 15^0 + 20^2 = 16 + 72 + 92 + 150 + 202 \\ 532 &:= 1^5 + 2^3 + 9^2 + 19^0 + 21^2 = 15 + 23 + 92 + 190 + 212 & 532 &:= 1^6 + 7^3 + 13^0 + 13^2 + 18^1 = 16 + 73 + 130 + 132 + 181 \\ 532 &:= 1^5 + 3^1 + 4^3 + 21^2 + 23^1 = 15 + 31 + 43 + 212 + 231 & 532 &:= 1^6 + 8^1 + 11^1 + 16^2 + 16^2 = 16 + 81 + 111 + 162 + 162 \\ 532 &:= 1^5 + 3^2 + 12^2 + 17^1 + 19^2 = 15 + 32 + 122 + 171 + 192 & 532 &:= 1^6 + 9^1 + 10^1 + 16^2 + 16^2 = 16 + 91 + 101 + 162 + 162 \\ 532 &:= 1^5 + 3^2 + 4^2 + 22^1 + 22^2 = 15 + 32 + 42 + 221 + 222 & 532 &:= 1^7 + 2^1 + 8^3 + 16^1 + 25^0 = 17 + 21 + 83 + 161 + 250 \\ 532 &:= 1^5 + 3^4 + 8^1 + 19^0 + 21^2 = 15 + 34 + 81 + 190 + 212 & 532 &:= 1^7 + 3^0 + 15^2 + 16^1 + 17^2 = 17 + 30 + 152 + 161 + 172 \\ 532 &:= 1^5 + 4^1 + 4^3 + 21^2 + 22^1 = 15 + 41 + 43 + 212 + 221 & 532 &:= 1^7 + 3^0 + 5^2 + 21^1 + 22^2 = 17 + 30 + 52 + 211 + 222 \\ 532 &:= 1^5 + 4^3 + 10^1 + 16^1 + 21^2 = 15 + 43 + 101 + 161 + 212 & 532 &:= 1^7 + 3^1 + 8^3 + 15^1 + 25^0 = 17 + 31 + 83 + 151 + 250 \\ 532 &:= 1^5 + 4^3 + 11^1 + 15^1 + 21^2 = 15 + 43 + 111 + 151 + 212 & 532 &:= 1^7 + 4^1 + 8^3 + 14^1 + 25^0 = 17 + 41 + 83 + 141 + 250 \\ 532 &:= 1^5 + 4^3 + 12^1 + 14^1 + 21^2 = 15 + 43 + 121 + 141 + 212 & 532 &:= 1^7 + 5^1 + 8^3 + 13^1 + 25^0 = 17 + 51 + 83 + 131 + 250 \\ 532 &:= 1^5 + 4^3 + 13^1 + 13^1 + 21^2 = 15 + 43 + 131 + 131 + 212 & 532 &:= 1^7 + 6^1 + 8^3 + 12^1 + 25^0 = 17 + 61 + 83 + 121 + 250 \\ 532 &:= 1^5 + 4^3 + 5^1 + 21^1 + 21^2 = 15 + 43 + 51 + 211 + 212 & 532 &:= 1^7 + 6^2 + 10^1 + 13^0 + 22^2 = 17 + 62 + 101 + 130 + 222 \\ 532 &:= 1^5 + 4^3 + 5^2 + 21^0 + 21^2 = 15 + 43 + 52 + 210 + 212 & 532 &:= 1^7 + 7^1 + 8^3 + 11^1 + 25^0 = 17 + 71 + 83 + 111 + 250 \\ 532 &:= 1^5 + 4^3 + 6^1 + 20^1 + 21^2 = 15 + 43 + 61 + 201 + 212 & 532 &:= 1^7 + 8^1 + 8^3 + 10^1 + 25^0 = 17 + 81 + 83 + 101 + 250 \\ 532 &:= 1^5 + 4^3 + 7^1 + 19^1 + 21^2 = 15 + 43 + 71 + 191 + 212 & 532 &:= 1^7 + 8^1 + 9^2 + 13^0 + 21^2 = 17 + 81 + 92 + 130 + 212 \\ 532 &:= 1^5 + 4^3 + 8^1 + 18^1 + 21^2 = 15 + 43 + 81 + 181 + 212 & 532 &:= 1^7 + 8^3 + 9^1 + 9^1 + 25^0 = 17 + 83 + 91 + 91 + 250 \\ 532 &:= 1^5 + 4^3 + 9^1 + 17^1 + 21^2 = 15 + 43 + 91 + 171 + 212 & 532 &:= 1^7 + 9^0 + 10^1 + 14^2 + 18^2 = 17 + 90 + 101 + 142 + 182 \\ 532 &:= 1^5 + 4^4 + 13^0 + 16^2 + 18^1 = 15 + 44 + 130 + 162 + 181 & 532 &:= 1^7 + 9^1 + 11^0 + 11^2 + 20^2 = 17 + 91 + 110 + 112 + 202 \\ 532 &:= 1^5 + 5^2 + 6^3 + 17^2 + 23^0 = 15 + 52 + 63 + 172 + 230 & 532 &:= 1^8 + 2^0 + 8^3 + 17^1 + 24^0 = 18 + 20 + 83 + 171 + 240 \\ 532 &:= 1^5 + 5^3 + 9^2 + 18^2 + 19^0 = 15 + 53 + 92 + 182 + 190 & 532 &:= 1^8 + 3^0 + 8^3 + 17^1 + 23^0 = 18 + 30 + 83 + 171 + 230 \\ 532 &:= 1^5 + 6^2 + 14^1 + 15^2 + 16^2 = 15 + 62 + 141 + 152 + 162 & 532 &:= 1^8 + 4^0 + 8^3 + 17^1 + 22^0 = 18 + 40 + 83 + 171 + 220 \end{aligned}$$

$$\begin{aligned} 532 &:= 1^8 + 5^0 + 8^3 + 17^1 + 21^0 = 18 + 50 + 83 + 171 + 210 & 532 &:= 2^3 + 4^4 + 10^2 + 12^2 + 24^1 = 23 + 44 + 102 + 122 + 241 \\ 532 &:= 1^8 + 6^0 + 8^3 + 17^1 + 20^0 = 18 + 60 + 83 + 171 + 200 & 532 &:= 2^4 + 3^5 + 15^0 + 16^1 + 16^2 = 24 + 35 + 150 + 161 + 162 \\ 532 &:= 1^8 + 7^0 + 8^3 + 17^1 + 19^0 = 18 + 70 + 83 + 171 + 190 & 532 &:= 2^4 + 5^2 + 7^3 + 11^2 + 27^1 = 24 + 52 + 73 + 112 + 271 \\ 532 &:= 1^8 + 8^0 + 8^3 + 17^1 + 18^0 = 18 + 80 + 83 + 171 + 180 & 532 &:= 2^5 + 3^1 + 6^3 + 16^2 + 25^1 = 25 + 31 + 63 + 162 + 251 \\ 532 &:= 1^8 + 8^3 + 10^0 + 16^0 + 17^1 = 18 + 83 + 100 + 160 + 171 & 532 &:= 2^5 + 3^4 + 9^0 + 18^1 + 20^2 = 25 + 34 + 90 + 181 + 202 \\ 532 &:= 1^8 + 8^3 + 11^0 + 15^0 + 17^1 = 18 + 83 + 110 + 150 + 171 & 532 &:= 2^5 + 4^1 + 6^3 + 16^2 + 24^1 = 25 + 41 + 63 + 162 + 241 \\ 532 &:= 1^8 + 8^3 + 12^0 + 14^0 + 17^1 = 18 + 83 + 120 + 140 + 171 & 532 &:= 2^5 + 4^2 + 12^2 + 16^1 + 18^2 = 25 + 42 + 122 + 161 + 182 \\ 532 &:= 1^8 + 8^3 + 13^0 + 13^0 + 17^1 = 18 + 83 + 130 + 130 + 171 & 532 &:= 2^5 + 4^4 + 13^0 + 15^2 + 18^1 = 25 + 44 + 130 + 152 + 181 \\ 532 &:= 1^8 + 8^3 + 9^0 + 17^0 + 17^1 = 18 + 83 + 90 + 170 + 171 & 532 &:= 2^5 + 5^1 + 6^3 + 16^2 + 23^1 = 25 + 51 + 63 + 162 + 231 \\ 532 &:= 1^9 + 1^9 + 8^3 + 17^1 + 24^0 = 19 + 19 + 83 + 171 + 240 & 532 &:= 2^5 + 6^1 + 6^3 + 16^2 + 22^1 = 25 + 61 + 63 + 162 + 221 \\ 532 &:= 1^9 + 2^8 + 4^4 + 18^1 + 26^0 = 19 + 28 + 44 + 181 + 260 & 532 &:= 2^5 + 6^2 + 14^1 + 15^2 + 15^2 = 25 + 62 + 141 + 152 + 152 \\ 532 &:= 2^0 + 2^8 + 7^2 + 15^2 + 26^0 = 20 + 28 + 72 + 152 + 260 & 532 &:= 2^5 + 6^3 + 10^1 + 16^2 + 18^1 = 25 + 63 + 101 + 162 + 181 \\ 532 &:= 2^1 + 2^5 + 6^3 + 16^2 + 26^1 = 21 + 25 + 63 + 162 + 261 & 532 &:= 2^5 + 6^3 + 11^1 + 16^2 + 17^1 = 25 + 63 + 111 + 162 + 171 \\ 532 &:= 2^1 + 2^8 + 15^0 + 16^2 + 17^1 = 21 + 28 + 150 + 162 + 171 & 532 &:= 2^5 + 6^3 + 12^1 + 16^1 + 16^2 = 25 + 63 + 121 + 161 + 162 \\ 532 &:= 2^1 + 2^9 + 4^2 + 17^0 + 27^0 = 21 + 29 + 42 + 170 + 270 & 532 &:= 2^5 + 6^3 + 13^1 + 15^1 + 16^2 = 25 + 63 + 131 + 151 + 162 \\ 532 &:= 2^1 + 2^9 + 4^2 + 18^0 + 26^0 = 21 + 29 + 42 + 180 + 260 & 532 &:= 2^5 + 6^3 + 14^1 + 14^1 + 16^2 = 25 + 63 + 141 + 141 + 162 \\ 532 &:= 2^1 + 2^9 + 4^2 + 19^0 + 25^0 = 21 + 29 + 42 + 190 + 250 & 532 &:= 2^5 + 6^3 + 7^1 + 16^2 + 21^1 = 25 + 63 + 71 + 162 + 211 \\ 532 &:= 2^1 + 2^9 + 4^2 + 20^0 + 24^0 = 21 + 29 + 42 + 200 + 240 & 532 &:= 2^5 + 6^3 + 8^1 + 16^2 + 20^1 = 25 + 63 + 81 + 162 + 201 \\ 532 &:= 2^1 + 2^9 + 4^2 + 21^0 + 23^0 = 21 + 29 + 42 + 210 + 230 & 532 &:= 2^5 + 6^3 + 9^1 + 16^2 + 19^1 = 25 + 63 + 91 + 162 + 191 \\ 532 &:= 2^1 + 2^9 + 4^2 + 22^0 + 22^0 = 21 + 29 + 42 + 220 + 220 & 532 &:= 2^5 + 9^2 + 9^2 + 14^1 + 18^2 = 25 + 92 + 92 + 141 + 182 \\ 532 &:= 2^2 + 2^9 + 10^0 + 14^1 + 24^0 = 22 + 29 + 100 + 141 + 240 & 532 &:= 2^6 + 11^2 + 11^2 + 13^0 + 15^2 = 26 + 112 + 112 + 130 + 152 \\ 532 &:= 2^2 + 2^9 + 11^0 + 14^1 + 23^0 = 22 + 29 + 110 + 141 + 230 & 532 &:= 2^6 + 3^0 + 6^3 + 15^2 + 26^1 = 26 + 30 + 63 + 152 + 261 \\ 532 &:= 2^2 + 2^9 + 12^0 + 14^1 + 22^0 = 22 + 29 + 120 + 141 + 220 & 532 &:= 2^6 + 3^1 + 4^3 + 20^2 + 23^0 = 26 + 31 + 43 + 202 + 230 \\ 532 &:= 2^2 + 2^9 + 13^0 + 14^1 + 21^0 = 22 + 29 + 130 + 141 + 210 & 532 &:= 2^6 + 3^2 + 13^2 + 17^0 + 17^2 = 26 + 32 + 132 + 170 + 172 \\ 532 &:= 2^2 + 2^9 + 14^0 + 14^1 + 20^0 = 22 + 29 + 140 + 141 + 200 & 532 &:= 2^6 + 5^2 + 9^2 + 17^0 + 19^2 = 26 + 52 + 92 + 170 + 192 \\ 532 &:= 2^2 + 2^9 + 14^1 + 15^0 + 19^0 = 22 + 29 + 141 + 150 + 190 & 532 &:= 2^6 + 5^3 + 9^0 + 18^1 + 18^2 = 26 + 53 + 90 + 181 + 182 \\ 532 &:= 2^2 + 2^9 + 14^1 + 16^0 + 18^0 = 22 + 29 + 141 + 160 + 180 & 532 &:= 2^6 + 7^3 + 9^0 + 10^2 + 24^1 = 26 + 73 + 90 + 102 + 241 \\ 532 &:= 2^2 + 2^9 + 14^1 + 17^0 + 17^0 = 22 + 29 + 141 + 170 + 170 & 532 &:= 2^7 + 11^0 + 11^1 + 14^2 + 14^2 = 27 + 110 + 111 + 142 + 142 \\ 532 &:= 2^2 + 2^9 + 7^0 + 14^1 + 27^0 = 22 + 29 + 70 + 141 + 270 & 532 &:= 2^7 + 3^1 + 12^2 + 16^2 + 19^0 = 27 + 31 + 122 + 162 + 190 \\ 532 &:= 2^2 + 2^9 + 8^0 + 14^1 + 26^0 = 22 + 29 + 80 + 141 + 260 & 532 &:= 2^7 + 5^2 + 9^0 + 17^1 + 19^2 = 27 + 52 + 90 + 171 + 192 \\ 532 &:= 2^2 + 2^9 + 9^0 + 14^1 + 25^0 = 22 + 29 + 90 + 141 + 250 & 532 &:= 2^7 + 6^1 + 6^2 + 19^0 + 19^2 = 27 + 61 + 62 + 190 + 192 \\ 532 &:= 2^2 + 3^5 + 8^2 + 14^2 + 25^1 = 22 + 35 + 82 + 142 + 251 & 532 &:= 2^7 + 8^2 + 9^0 + 15^1 + 18^2 = 27 + 82 + 90 + 151 + 182 \\ 532 &:= 2^3 + 2^3 + 2^3 + 22^2 + 24^1 = 23 + 23 + 23 + 222 + 241 & 532 &:= 2^7 + 9^0 + 10^2 + 14^1 + 17^2 = 27 + 90 + 102 + 141 + 172 \\ 532 &:= 2^3 + 2^6 + 9^0 + 18^1 + 21^2 = 23 + 26 + 90 + 181 + 212 & 532 &:= 2^7 + 9^1 + 13^0 + 13^2 + 15^2 = 27 + 91 + 130 + 132 + 152 \\ 532 &:= 2^3 + 3^3 + 6^3 + 16^2 + 25^1 = 23 + 33 + 63 + 162 + 251 & 532 &:= 2^8 + 3^0 + 7^2 + 15^2 + 25^0 = 28 + 30 + 72 + 152 + 250 \\ 532 &:= 2^3 + 3^4 + 10^2 + 18^2 + 19^1 = 23 + 34 + 102 + 182 + 191 & 532 &:= 2^8 + 3^1 + 15^0 + 16^1 + 16^2 = 28 + 31 + 150 + 161 + 162 \\ 532 &:= 2^3 + 3^4 + 13^2 + 16^2 + 18^1 = 23 + 34 + 132 + 162 + 181 & 532 &:= 2^8 + 4^0 + 7^2 + 15^2 + 24^0 = 28 + 40 + 72 + 152 + 240 \\ 532 &:= 2^3 + 4^2 + 4^4 + 15^2 + 27^1 = 23 + 42 + 44 + 152 + 271 & 532 &:= 2^8 + 4^1 + 15^0 + 15^1 + 16^2 = 28 + 41 + 150 + 151 + 162 \end{aligned}$$

$532 := 2^8 + 5^0 + 7^2 + 15^2 + 23^0 = 28 + 50 + 72 + 152 + 230$	$532 := 3^3 + 3^5 + 6^2 + 15^2 + 25^0 = 33 + 35 + 62 + 152 + 250$
$532 := 2^8 + 5^1 + 14^1 + 15^0 + 16^2 = 28 + 51 + 141 + 150 + 162$	$532 := 3^3 + 4^4 + 9^2 + 12^2 + 24^1 = 33 + 44 + 92 + 122 + 241$
$532 := 2^8 + 6^0 + 7^2 + 15^2 + 22^0 = 28 + 60 + 72 + 152 + 220$	$532 := 3^4 + 3^4 + 12^2 + 15^2 + 19^0 = 34 + 34 + 122 + 152 + 190$
$532 := 2^8 + 6^1 + 13^1 + 15^0 + 16^2 = 28 + 61 + 131 + 150 + 162$	$532 := 3^4 + 3^4 + 7^3 + 13^0 + 26^1 = 34 + 34 + 73 + 130 + 261$
$532 := 2^8 + 7^0 + 7^2 + 15^2 + 21^0 = 28 + 70 + 72 + 152 + 210$	$532 := 3^4 + 3^5 + 11^1 + 14^2 + 21^0 = 34 + 35 + 111 + 142 + 210$
$532 := 2^8 + 7^1 + 12^1 + 15^0 + 16^2 = 28 + 71 + 121 + 150 + 162$	$532 := 3^4 + 4^3 + 12^2 + 15^2 + 18^1 = 34 + 43 + 122 + 152 + 181$
$532 := 2^8 + 7^2 + 10^0 + 15^2 + 18^0 = 28 + 72 + 100 + 152 + 180$	$532 := 3^4 + 4^4 + 5^2 + 13^2 + 27^0 = 34 + 44 + 52 + 132 + 270$
$532 := 2^8 + 7^2 + 11^0 + 15^2 + 17^0 = 28 + 72 + 110 + 152 + 170$	$532 := 3^4 + 5^3 + 7^2 + 16^2 + 21^1 = 34 + 53 + 72 + 162 + 211$
$532 := 2^8 + 7^2 + 12^0 + 15^2 + 16^0 = 28 + 72 + 120 + 152 + 160$	$532 := 3^4 + 5^3 + 9^2 + 15^2 + 20^1 = 34 + 53 + 92 + 152 + 201$
$532 := 2^8 + 7^2 + 13^0 + 15^0 + 15^2 = 28 + 72 + 130 + 150 + 152$	$532 := 3^5 + 4^2 + 4^4 + 16^1 + 25^0 = 35 + 42 + 44 + 161 + 250$
$532 := 2^8 + 7^2 + 14^0 + 14^0 + 15^2 = 28 + 72 + 140 + 140 + 152$	$532 := 3^5 + 4^2 + 9^2 + 13^2 + 23^1 = 35 + 42 + 92 + 132 + 231$
$532 := 2^8 + 7^2 + 8^0 + 15^2 + 20^0 = 28 + 72 + 80 + 152 + 200$	$532 := 3^5 + 5^2 + 11^2 + 11^2 + 22^1 = 35 + 52 + 112 + 112 + 221$
$532 := 2^8 + 7^2 + 9^0 + 15^2 + 19^0 = 28 + 72 + 90 + 152 + 190$	$532 := 3^5 + 6^2 + 6^3 + 10^1 + 27^1 = 35 + 62 + 63 + 101 + 271$
$532 := 2^8 + 8^1 + 11^1 + 15^0 + 16^2 = 28 + 81 + 111 + 150 + 162$	$532 := 3^5 + 6^2 + 6^3 + 11^1 + 26^1 = 35 + 62 + 63 + 111 + 261$
$532 := 2^8 + 9^1 + 10^1 + 15^0 + 16^2 = 28 + 91 + 101 + 150 + 162$	$532 := 3^5 + 6^2 + 6^3 + 12^1 + 25^1 = 35 + 62 + 63 + 121 + 251$
$532 := 2^9 + 3^2 + 9^1 + 11^0 + 27^0 = 29 + 32 + 91 + 110 + 270$	$532 := 3^5 + 6^2 + 6^3 + 13^1 + 24^1 = 35 + 62 + 63 + 131 + 241$
$532 := 2^9 + 3^2 + 9^1 + 12^0 + 26^0 = 29 + 32 + 91 + 120 + 260$	$532 := 3^5 + 6^2 + 6^3 + 14^1 + 23^1 = 35 + 62 + 63 + 141 + 231$
$532 := 2^9 + 3^2 + 9^1 + 13^0 + 25^0 = 29 + 32 + 91 + 130 + 250$	$532 := 3^5 + 6^2 + 6^3 + 15^1 + 22^1 = 35 + 62 + 63 + 151 + 221$
$532 := 2^9 + 3^2 + 9^1 + 14^0 + 24^0 = 29 + 32 + 91 + 140 + 240$	$532 := 3^5 + 6^2 + 6^3 + 16^1 + 21^1 = 35 + 62 + 63 + 161 + 211$
$532 := 2^9 + 3^2 + 9^1 + 15^0 + 23^0 = 29 + 32 + 91 + 150 + 230$	$532 := 3^5 + 6^2 + 6^3 + 17^1 + 20^1 = 35 + 62 + 63 + 171 + 201$
$532 := 2^9 + 3^2 + 9^1 + 16^0 + 22^0 = 29 + 32 + 91 + 160 + 220$	$532 := 3^5 + 6^2 + 6^3 + 18^1 + 19^1 = 35 + 62 + 63 + 181 + 191$
$532 := 2^9 + 3^2 + 9^1 + 17^0 + 21^0 = 29 + 32 + 91 + 170 + 210$	$532 := 3^5 + 7^2 + 7^2 + 13^2 + 22^1 = 35 + 72 + 72 + 132 + 221$
$532 := 2^9 + 3^2 + 9^1 + 18^0 + 20^0 = 29 + 32 + 91 + 180 + 200$	$532 := 4^2 + 4^3 + 4^4 + 13^2 + 27^1 = 42 + 43 + 44 + 132 + 271$
$532 := 2^9 + 3^2 + 9^1 + 19^0 + 19^0 = 29 + 32 + 91 + 190 + 190$	$532 := 4^3 + 4^3 + 5^3 + 16^2 + 23^1 = 43 + 43 + 53 + 162 + 231$
$532 := 3^2 + 3^5 + 4^4 + 19^0 + 23^1 = 32 + 35 + 44 + 190 + 231$	$532 := 4^3 + 5^3 + 6^3 + 10^2 + 27^1 = 43 + 53 + 63 + 102 + 271$
$532 := 3^3 + 3^4 + 9^2 + 18^2 + 19^1 = 33 + 34 + 92 + 182 + 191$	

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$533 := 3^1 + 23^2 + 27^0 = 31 + 232 + 270$	$533 := 2^1 + 14^0 + 14^0 + 23^2 = 21 + 140 + 140 + 232$
$533 := 1^0 + 2^1 + 23^2 + 27^0 = 10 + 21 + 232 + 270$	$533 := 2^1 + 3^0 + 23^2 + 25^0 = 21 + 30 + 232 + 250$
$533 := 1^3 + 2^9 + 19^1 + 30^0 = 13 + 29 + 191 + 300$	$533 := 2^1 + 4^0 + 23^2 + 24^0 = 21 + 40 + 232 + 240$
$533 := 1^9 + 8^3 + 19^1 + 24^0 = 19 + 83 + 191 + 240$	$533 := 2^1 + 5^0 + 23^0 + 23^2 = 21 + 50 + 230 + 232$
$533 := 2^0 + 2^1 + 23^2 + 26^0 = 20 + 21 + 232 + 260$	$533 := 2^1 + 6^0 + 22^0 + 23^2 = 21 + 60 + 220 + 232$
$533 := 2^1 + 10^0 + 18^0 + 23^2 = 21 + 100 + 180 + 232$	$533 := 2^1 + 7^0 + 21^0 + 23^2 = 21 + 70 + 210 + 232$
$533 := 2^1 + 11^0 + 17^0 + 23^2 = 21 + 110 + 170 + 232$	$533 := 2^1 + 8^0 + 20^0 + 23^2 = 21 + 80 + 200 + 232$
$533 := 2^1 + 12^0 + 16^0 + 23^2 = 21 + 120 + 160 + 232$	$533 := 2^1 + 9^0 + 19^0 + 23^2 = 21 + 90 + 190 + 232$
$533 := 2^1 + 13^0 + 15^0 + 23^2 = 21 + 130 + 150 + 232$	$533 := 2^2 + 2^9 + 4^2 + 44^0 = 22 + 29 + 42 + 440$

$$\begin{aligned}
 533 &:= 2^3 + 2^9 + 12^1 + 36^0 &= 23 + 29 + 121 + 360 & 533 &:= 1^1 + 2^0 + 5^0 + 22^0 + 23^2 &= 11 + 20 + 50 + 220 + 232 \\
 533 &:= 2^6 + 3^5 + 15^2 + 32^0 &= 26 + 35 + 152 + 320 & 533 &:= 1^1 + 2^0 + 6^0 + 21^0 + 23^2 &= 11 + 20 + 60 + 210 + 232 \\
 533 &:= 2^8 + 4^4 + 20^1 + 26^0 &= 28 + 44 + 201 + 260 & 533 &:= 1^1 + 2^0 + 7^0 + 20^0 + 23^2 &= 11 + 20 + 70 + 200 + 232 \\
 533 &:= 1^0 + 1^0 + 1^1 + 23^2 + 27^0 &= 10 + 10 + 11 + 232 + 270 & 533 &:= 1^1 + 2^0 + 8^0 + 19^0 + 23^2 &= 11 + 20 + 80 + 190 + 232 \\
 533 &:= 1^0 + 1^1 + 10^0 + 18^0 + 23^2 &= 10 + 11 + 100 + 180 + 232 & 533 &:= 1^1 + 2^0 + 9^0 + 18^0 + 23^2 &= 11 + 20 + 90 + 180 + 232 \\
 533 &:= 1^0 + 1^1 + 11^0 + 17^0 + 23^2 &= 10 + 11 + 110 + 170 + 232 & 533 &:= 1^1 + 3^0 + 10^0 + 16^0 + 23^2 &= 11 + 30 + 100 + 160 + 232 \\
 533 &:= 1^0 + 1^1 + 12^0 + 16^0 + 23^2 &= 10 + 11 + 120 + 160 + 232 & 533 &:= 1^1 + 3^0 + 11^0 + 15^0 + 23^2 &= 11 + 30 + 110 + 150 + 232 \\
 533 &:= 1^0 + 1^1 + 13^0 + 15^0 + 23^2 &= 10 + 11 + 130 + 150 + 232 & 533 &:= 1^1 + 3^0 + 12^0 + 14^0 + 23^2 &= 11 + 30 + 120 + 140 + 232 \\
 533 &:= 1^0 + 1^1 + 14^0 + 14^0 + 23^2 &= 10 + 11 + 140 + 140 + 232 & 533 &:= 1^1 + 3^0 + 13^0 + 13^0 + 23^2 &= 11 + 30 + 130 + 130 + 232 \\
 533 &:= 1^0 + 1^1 + 2^0 + 23^2 + 26^0 &= 10 + 11 + 20 + 232 + 260 & 533 &:= 1^1 + 3^0 + 3^0 + 23^0 + 23^2 &= 11 + 30 + 30 + 230 + 232 \\
 533 &:= 1^0 + 1^1 + 3^0 + 23^2 + 25^0 &= 10 + 11 + 30 + 232 + 250 & 533 &:= 1^1 + 3^0 + 4^0 + 22^0 + 23^2 &= 11 + 30 + 40 + 220 + 232 \\
 533 &:= 1^0 + 1^1 + 4^0 + 23^2 + 24^0 &= 10 + 11 + 40 + 232 + 240 & 533 &:= 1^1 + 3^0 + 5^0 + 21^0 + 23^2 &= 11 + 30 + 50 + 210 + 232 \\
 533 &:= 1^0 + 1^1 + 5^0 + 23^0 + 23^2 &= 10 + 11 + 50 + 230 + 232 & 533 &:= 1^1 + 3^0 + 6^0 + 20^0 + 23^2 &= 11 + 30 + 60 + 200 + 232 \\
 533 &:= 1^0 + 1^1 + 6^0 + 22^0 + 23^2 &= 10 + 11 + 60 + 220 + 232 & 533 &:= 1^1 + 3^0 + 7^0 + 19^0 + 23^2 &= 11 + 30 + 70 + 190 + 232 \\
 533 &:= 1^0 + 1^1 + 7^0 + 21^0 + 23^2 &= 10 + 11 + 70 + 210 + 232 & 533 &:= 1^1 + 3^0 + 8^0 + 18^0 + 23^2 &= 11 + 30 + 80 + 180 + 232 \\
 533 &:= 1^0 + 1^1 + 8^0 + 20^0 + 23^2 &= 10 + 11 + 80 + 200 + 232 & 533 &:= 1^1 + 3^0 + 9^0 + 17^0 + 23^2 &= 11 + 30 + 90 + 170 + 232 \\
 533 &:= 1^0 + 1^1 + 9^0 + 19^0 + 23^2 &= 10 + 11 + 90 + 190 + 232 & 533 &:= 1^1 + 4^0 + 10^0 + 15^0 + 23^2 &= 11 + 40 + 100 + 150 + 232 \\
 533 &:= 1^0 + 1^2 + 1^9 + 23^2 + 26^0 &= 10 + 12 + 19 + 232 + 260 & 533 &:= 1^1 + 4^0 + 11^0 + 14^0 + 23^2 &= 11 + 40 + 110 + 140 + 232 \\
 533 &:= 1^0 + 1^3 + 1^8 + 23^2 + 26^0 &= 10 + 13 + 18 + 232 + 260 & 533 &:= 1^1 + 4^0 + 12^0 + 13^0 + 23^2 &= 11 + 40 + 120 + 130 + 232 \\
 533 &:= 1^0 + 1^4 + 1^7 + 23^2 + 26^0 &= 10 + 14 + 17 + 232 + 260 & 533 &:= 1^1 + 4^0 + 4^0 + 21^0 + 23^2 &= 11 + 40 + 40 + 210 + 232 \\
 533 &:= 1^0 + 1^5 + 1^6 + 23^2 + 26^0 &= 10 + 15 + 16 + 232 + 260 & 533 &:= 1^1 + 4^0 + 5^0 + 20^0 + 23^2 &= 11 + 40 + 50 + 200 + 232 \\
 533 &:= 1^0 + 1^9 + 13^2 + 18^0 + 19^2 &= 10 + 19 + 132 + 180 + 192 & 533 &:= 1^1 + 4^0 + 6^0 + 19^0 + 23^2 &= 11 + 40 + 60 + 190 + 232 \\
 533 &:= 1^0 + 1^9 + 8^3 + 18^1 + 24^0 &= 10 + 19 + 83 + 181 + 240 & 533 &:= 1^1 + 4^0 + 7^0 + 18^0 + 23^2 &= 11 + 40 + 70 + 180 + 232 \\
 533 &:= 1^0 + 2^8 + 4^4 + 19^1 + 26^0 &= 10 + 28 + 44 + 191 + 260 & 533 &:= 1^1 + 4^0 + 8^0 + 17^0 + 23^2 &= 11 + 40 + 80 + 170 + 232 \\
 533 &:= 1^1 + 1^1 + 1^9 + 23^2 + 26^0 &= 11 + 11 + 19 + 232 + 260 & 533 &:= 1^1 + 4^0 + 9^0 + 16^0 + 23^2 &= 11 + 40 + 90 + 160 + 232 \\
 533 &:= 1^1 + 1^2 + 1^8 + 23^2 + 26^0 &= 11 + 12 + 18 + 232 + 260 & 533 &:= 1^1 + 5^0 + 10^0 + 14^0 + 23^2 &= 11 + 50 + 100 + 140 + 232 \\
 533 &:= 1^1 + 1^3 + 1^7 + 23^2 + 26^0 &= 11 + 13 + 17 + 232 + 260 & 533 &:= 1^1 + 5^0 + 11^0 + 13^0 + 23^2 &= 11 + 50 + 110 + 130 + 232 \\
 533 &:= 1^1 + 1^4 + 1^6 + 23^2 + 26^0 &= 11 + 14 + 16 + 232 + 260 & 533 &:= 1^1 + 5^0 + 12^0 + 12^0 + 23^2 &= 11 + 50 + 120 + 120 + 232 \\
 533 &:= 1^1 + 1^5 + 1^5 + 23^2 + 26^0 &= 11 + 15 + 15 + 232 + 260 & 533 &:= 1^1 + 5^0 + 5^0 + 19^0 + 23^2 &= 11 + 50 + 50 + 190 + 232 \\
 533 &:= 1^1 + 1^8 + 13^2 + 18^0 + 19^2 &= 11 + 18 + 132 + 180 + 192 & 533 &:= 1^1 + 5^0 + 6^0 + 18^0 + 23^2 &= 11 + 50 + 60 + 180 + 232 \\
 533 &:= 1^1 + 1^8 + 8^3 + 18^1 + 24^0 &= 11 + 18 + 83 + 181 + 240 & 533 &:= 1^1 + 5^0 + 7^0 + 17^0 + 23^2 &= 11 + 50 + 70 + 170 + 232 \\
 533 &:= 1^1 + 2^0 + 10^0 + 17^0 + 23^2 &= 11 + 20 + 100 + 170 + 232 & 533 &:= 1^1 + 5^0 + 8^0 + 16^0 + 23^2 &= 11 + 50 + 80 + 160 + 232 \\
 533 &:= 1^1 + 2^0 + 11^0 + 16^0 + 23^2 &= 11 + 20 + 110 + 160 + 232 & 533 &:= 1^1 + 5^0 + 9^0 + 15^0 + 23^2 &= 11 + 50 + 90 + 150 + 232 \\
 533 &:= 1^1 + 2^0 + 12^0 + 15^0 + 23^2 &= 11 + 20 + 120 + 150 + 232 & 533 &:= 1^1 + 6^0 + 10^0 + 13^0 + 23^2 &= 11 + 60 + 100 + 130 + 232 \\
 533 &:= 1^1 + 2^0 + 13^0 + 14^0 + 23^2 &= 11 + 20 + 130 + 140 + 232 & 533 &:= 1^1 + 6^0 + 11^0 + 12^0 + 23^2 &= 11 + 60 + 110 + 120 + 232 \\
 533 &:= 1^1 + 2^0 + 2^0 + 23^2 + 25^0 &= 11 + 20 + 20 + 232 + 250 & 533 &:= 1^1 + 6^0 + 6^0 + 17^0 + 23^2 &= 11 + 60 + 60 + 170 + 232 \\
 533 &:= 1^1 + 2^0 + 3^0 + 23^2 + 24^0 &= 11 + 20 + 30 + 232 + 240 & 533 &:= 1^1 + 6^0 + 7^0 + 16^0 + 23^2 &= 11 + 60 + 70 + 160 + 232 \\
 533 &:= 1^1 + 2^0 + 4^0 + 23^0 + 23^2 &= 11 + 20 + 40 + 230 + 232 & 533 &:= 1^1 + 6^0 + 8^0 + 15^0 + 23^2 &= 11 + 60 + 80 + 150 + 232
 \end{aligned}$$

$$\begin{aligned}
 533 &:= 1^1 + 6^0 + 9^0 + 14^0 + 23^2 = 11 + 60 + 90 + 140 + 232 & 533 &:= 1^3 + 1^8 + 3^0 + 23^2 + 24^0 = 13 + 18 + 30 + 232 + 240 \\
 533 &:= 1^1 + 7^0 + 10^0 + 12^0 + 23^2 = 11 + 70 + 100 + 120 + 232 & 533 &:= 1^3 + 1^8 + 4^0 + 23^0 + 23^2 = 13 + 18 + 40 + 230 + 232 \\
 533 &:= 1^1 + 7^0 + 11^0 + 11^0 + 23^2 = 11 + 70 + 110 + 110 + 232 & 533 &:= 1^3 + 1^8 + 5^0 + 22^0 + 23^2 = 13 + 18 + 50 + 220 + 232 \\
 533 &:= 1^1 + 7^0 + 7^0 + 15^0 + 23^2 = 11 + 70 + 70 + 150 + 232 & 533 &:= 1^3 + 1^8 + 6^0 + 21^0 + 23^2 = 13 + 18 + 60 + 210 + 232 \\
 533 &:= 1^1 + 7^0 + 8^0 + 14^0 + 23^2 = 11 + 70 + 80 + 140 + 232 & 533 &:= 1^3 + 1^8 + 7^0 + 20^0 + 23^2 = 13 + 18 + 70 + 200 + 232 \\
 533 &:= 1^1 + 7^0 + 9^0 + 13^0 + 23^2 = 11 + 70 + 90 + 130 + 232 & 533 &:= 1^3 + 1^8 + 8^0 + 19^0 + 23^2 = 13 + 18 + 80 + 190 + 232 \\
 533 &:= 1^1 + 8^0 + 10^0 + 11^0 + 23^2 = 11 + 80 + 100 + 110 + 232 & 533 &:= 1^3 + 1^8 + 9^0 + 18^0 + 23^2 = 13 + 18 + 90 + 180 + 232 \\
 533 &:= 1^1 + 8^0 + 8^0 + 13^0 + 23^2 = 11 + 80 + 80 + 130 + 232 & 533 &:= 1^3 + 1^9 + 1^9 + 23^2 + 25^0 = 13 + 19 + 19 + 232 + 250 \\
 533 &:= 1^1 + 8^0 + 9^0 + 12^0 + 23^2 = 11 + 80 + 90 + 120 + 232 & 533 &:= 1^3 + 2^7 + 3^1 + 20^2 + 26^0 = 13 + 27 + 31 + 202 + 260 \\
 533 &:= 1^1 + 9^0 + 10^0 + 10^0 + 23^2 = 11 + 90 + 100 + 100 + 232 & 533 &:= 1^3 + 2^9 + 10^0 + 18^1 + 21^0 = 13 + 29 + 100 + 181 + 210 \\
 533 &:= 1^1 + 9^0 + 9^0 + 11^0 + 23^2 = 11 + 90 + 90 + 110 + 232 & 533 &:= 1^3 + 2^9 + 11^0 + 18^1 + 20^0 = 13 + 29 + 110 + 181 + 200 \\
 533 &:= 1^2 + 1^2 + 1^7 + 23^2 + 26^0 = 12 + 12 + 17 + 232 + 260 & 533 &:= 1^3 + 2^9 + 12^0 + 18^1 + 19^0 = 13 + 29 + 120 + 181 + 190 \\
 533 &:= 1^2 + 1^3 + 1^6 + 23^2 + 26^0 = 12 + 13 + 16 + 232 + 260 & 533 &:= 1^3 + 2^9 + 13^0 + 18^0 + 18^1 = 13 + 29 + 130 + 180 + 181 \\
 533 &:= 1^2 + 1^4 + 1^5 + 23^2 + 26^0 = 12 + 14 + 15 + 232 + 260 & 533 &:= 1^3 + 2^9 + 14^0 + 17^0 + 18^1 = 13 + 29 + 140 + 170 + 181 \\
 533 &:= 1^2 + 1^7 + 13^2 + 18^0 + 19^2 = 12 + 17 + 132 + 180 + 192 & 533 &:= 1^3 + 2^9 + 15^0 + 16^0 + 18^1 = 13 + 29 + 150 + 160 + 181 \\
 533 &:= 1^2 + 1^7 + 8^3 + 18^1 + 24^0 = 12 + 17 + 83 + 181 + 240 & 533 &:= 1^3 + 2^9 + 4^0 + 18^1 + 27^0 = 13 + 29 + 40 + 181 + 270 \\
 533 &:= 1^2 + 1^9 + 10^0 + 17^0 + 23^2 = 12 + 19 + 100 + 170 + 232 & 533 &:= 1^3 + 2^9 + 5^0 + 18^1 + 26^0 = 13 + 29 + 50 + 181 + 260 \\
 533 &:= 1^2 + 1^9 + 11^0 + 16^0 + 23^2 = 12 + 19 + 110 + 160 + 232 & 533 &:= 1^3 + 2^9 + 6^0 + 18^1 + 25^0 = 13 + 29 + 60 + 181 + 250 \\
 533 &:= 1^2 + 1^9 + 12^0 + 15^0 + 23^2 = 12 + 19 + 120 + 150 + 232 & 533 &:= 1^3 + 2^9 + 7^0 + 18^1 + 24^0 = 13 + 29 + 70 + 181 + 240 \\
 533 &:= 1^2 + 1^9 + 13^0 + 14^0 + 23^2 = 12 + 19 + 130 + 140 + 232 & 533 &:= 1^3 + 2^9 + 8^0 + 18^1 + 23^0 = 13 + 29 + 80 + 181 + 230 \\
 533 &:= 1^2 + 1^9 + 2^0 + 23^2 + 25^0 = 12 + 19 + 20 + 232 + 250 & 533 &:= 1^3 + 2^9 + 9^0 + 18^1 + 22^0 = 13 + 29 + 90 + 181 + 220 \\
 533 &:= 1^2 + 1^9 + 3^0 + 23^2 + 24^0 = 12 + 19 + 30 + 232 + 240 & 533 &:= 1^4 + 1^5 + 13^2 + 18^0 + 19^2 = 14 + 15 + 132 + 180 + 192 \\
 533 &:= 1^2 + 1^9 + 4^0 + 23^0 + 23^2 = 12 + 19 + 40 + 230 + 232 & 533 &:= 1^4 + 1^5 + 8^3 + 18^1 + 24^0 = 14 + 15 + 83 + 181 + 240 \\
 533 &:= 1^2 + 1^9 + 5^0 + 22^0 + 23^2 = 12 + 19 + 50 + 220 + 232 & 533 &:= 1^4 + 1^7 + 10^0 + 17^0 + 23^2 = 14 + 17 + 100 + 170 + 232 \\
 533 &:= 1^2 + 1^9 + 6^0 + 21^0 + 23^2 = 12 + 19 + 60 + 210 + 232 & 533 &:= 1^4 + 1^7 + 11^0 + 16^0 + 23^2 = 14 + 17 + 110 + 160 + 232 \\
 533 &:= 1^2 + 1^9 + 7^0 + 20^0 + 23^2 = 12 + 19 + 70 + 200 + 232 & 533 &:= 1^4 + 1^7 + 12^0 + 15^0 + 23^2 = 14 + 17 + 120 + 150 + 232 \\
 533 &:= 1^2 + 1^9 + 8^0 + 19^0 + 23^2 = 12 + 19 + 80 + 190 + 232 & 533 &:= 1^4 + 1^7 + 13^0 + 14^0 + 23^2 = 14 + 17 + 130 + 140 + 232 \\
 533 &:= 1^2 + 1^9 + 9^0 + 18^0 + 23^2 = 12 + 19 + 90 + 180 + 232 & 533 &:= 1^4 + 1^7 + 2^0 + 23^2 + 25^0 = 14 + 17 + 20 + 232 + 250 \\
 533 &:= 1^2 + 2^8 + 14^0 + 16^2 + 19^1 = 12 + 28 + 140 + 162 + 191 & 533 &:= 1^4 + 1^7 + 3^0 + 23^2 + 24^0 = 14 + 17 + 30 + 232 + 240 \\
 533 &:= 1^3 + 1^3 + 1^5 + 23^2 + 26^0 = 13 + 13 + 15 + 232 + 260 & 533 &:= 1^4 + 1^7 + 4^0 + 23^0 + 23^2 = 14 + 17 + 40 + 230 + 232 \\
 533 &:= 1^3 + 1^4 + 1^4 + 23^2 + 26^0 = 13 + 14 + 14 + 232 + 260 & 533 &:= 1^4 + 1^7 + 5^0 + 22^0 + 23^2 = 14 + 17 + 50 + 220 + 232 \\
 533 &:= 1^3 + 1^6 + 13^2 + 18^0 + 19^2 = 13 + 16 + 132 + 180 + 192 & 533 &:= 1^4 + 1^7 + 6^0 + 21^0 + 23^2 = 14 + 17 + 60 + 210 + 232 \\
 533 &:= 1^3 + 1^6 + 8^3 + 18^1 + 24^0 = 13 + 16 + 83 + 181 + 240 & 533 &:= 1^4 + 1^7 + 7^0 + 20^0 + 23^2 = 14 + 17 + 70 + 200 + 232 \\
 533 &:= 1^3 + 1^8 + 10^0 + 17^0 + 23^2 = 13 + 18 + 100 + 170 + 232 & 533 &:= 1^4 + 1^7 + 8^0 + 19^0 + 23^2 = 14 + 17 + 80 + 190 + 232 \\
 533 &:= 1^3 + 1^8 + 11^0 + 16^0 + 23^2 = 13 + 18 + 110 + 160 + 232 & 533 &:= 1^4 + 1^7 + 9^0 + 18^0 + 23^2 = 14 + 17 + 90 + 180 + 232 \\
 533 &:= 1^3 + 1^8 + 12^0 + 15^0 + 23^2 = 13 + 18 + 120 + 150 + 232 & 533 &:= 1^4 + 1^8 + 1^9 + 23^2 + 25^0 = 14 + 18 + 19 + 232 + 250 \\
 533 &:= 1^3 + 1^8 + 13^0 + 14^0 + 23^2 = 13 + 18 + 130 + 140 + 232 & 533 &:= 1^4 + 2^0 + 2^6 + 21^2 + 26^1 = 14 + 20 + 26 + 212 + 261 \\
 533 &:= 1^3 + 1^8 + 2^0 + 23^2 + 25^0 = 13 + 18 + 20 + 232 + 250 & 533 &:= 1^4 + 3^5 + 12^2 + 12^2 + 24^0 = 14 + 35 + 122 + 122 + 240
 \end{aligned}$$

$$\begin{aligned} 533 &:= 1^4 + 4^4 + 4^4 + 19^1 + 24^0 = 14 + 44 + 44 + 191 + 240 & 533 &:= 1^8 + 2^0 + 15^2 + 17^1 + 17^2 = 18 + 20 + 152 + 171 + 172 \\ 533 &:= 1^5 + 1^6 + 10^0 + 17^0 + 23^2 = 15 + 16 + 100 + 170 + 232 & 533 &:= 1^8 + 2^0 + 5^2 + 22^1 + 22^2 = 18 + 20 + 52 + 221 + 222 \\ 533 &:= 1^5 + 1^6 + 11^0 + 16^0 + 23^2 = 15 + 16 + 110 + 160 + 232 & 533 &:= 1^8 + 2^1 + 8^3 + 17^1 + 24^0 = 18 + 21 + 83 + 171 + 240 \\ 533 &:= 1^5 + 1^6 + 12^0 + 15^0 + 23^2 = 15 + 16 + 120 + 150 + 232 & 533 &:= 1^8 + 3^1 + 8^3 + 16^1 + 24^0 = 18 + 31 + 83 + 161 + 240 \\ 533 &:= 1^5 + 1^6 + 13^0 + 14^0 + 23^2 = 15 + 16 + 130 + 140 + 232 & 533 &:= 1^8 + 4^1 + 8^3 + 15^1 + 24^0 = 18 + 41 + 83 + 151 + 240 \\ 533 &:= 1^5 + 1^6 + 2^0 + 23^2 + 25^0 = 15 + 16 + 20 + 232 + 250 & 533 &:= 1^8 + 5^1 + 8^3 + 14^1 + 24^0 = 18 + 51 + 83 + 141 + 240 \\ 533 &:= 1^5 + 1^6 + 3^0 + 23^2 + 24^0 = 15 + 16 + 30 + 232 + 240 & 533 &:= 1^8 + 6^1 + 8^3 + 13^1 + 24^0 = 18 + 61 + 83 + 131 + 240 \\ 533 &:= 1^5 + 1^6 + 4^0 + 23^0 + 23^2 = 15 + 16 + 40 + 230 + 232 & 533 &:= 1^8 + 6^2 + 11^1 + 12^0 + 22^2 = 18 + 62 + 111 + 120 + 222 \\ 533 &:= 1^5 + 1^6 + 5^0 + 22^0 + 23^2 = 15 + 16 + 50 + 220 + 232 & 533 &:= 1^8 + 7^1 + 8^3 + 12^1 + 24^0 = 18 + 71 + 83 + 121 + 240 \\ 533 &:= 1^5 + 1^6 + 6^0 + 21^0 + 23^2 = 15 + 16 + 60 + 210 + 232 & 533 &:= 1^8 + 8^0 + 11^1 + 14^2 + 18^2 = 18 + 80 + 111 + 142 + 182 \\ 533 &:= 1^5 + 1^6 + 7^0 + 20^0 + 23^2 = 15 + 16 + 70 + 200 + 232 & 533 &:= 1^8 + 8^1 + 8^3 + 11^1 + 24^0 = 18 + 81 + 83 + 111 + 240 \\ 533 &:= 1^5 + 1^6 + 8^0 + 19^0 + 23^2 = 15 + 16 + 80 + 190 + 232 & 533 &:= 1^8 + 8^3 + 9^1 + 10^1 + 24^0 = 18 + 83 + 91 + 101 + 240 \\ 533 &:= 1^5 + 1^6 + 9^0 + 18^0 + 23^2 = 15 + 16 + 90 + 180 + 232 & 533 &:= 1^8 + 9^1 + 9^2 + 12^0 + 21^2 = 18 + 91 + 92 + 120 + 212 \\ 533 &:= 1^5 + 1^7 + 1^9 + 23^2 + 25^0 = 15 + 17 + 19 + 232 + 250 & 533 &:= 1^9 + 1^9 + 15^2 + 17^1 + 17^2 = 19 + 19 + 152 + 171 + 172 \\ 533 &:= 1^5 + 1^8 + 1^8 + 23^2 + 25^0 = 15 + 18 + 18 + 232 + 250 & 533 &:= 1^9 + 1^9 + 5^2 + 22^1 + 22^2 = 19 + 19 + 52 + 221 + 222 \\ 533 &:= 1^5 + 1^9 + 2^6 + 21^2 + 26^1 = 15 + 19 + 26 + 212 + 261 & 533 &:= 1^9 + 2^0 + 13^2 + 17^0 + 19^2 = 19 + 20 + 132 + 170 + 192 \\ 533 &:= 1^5 + 2^5 + 12^0 + 15^1 + 22^2 = 15 + 25 + 120 + 151 + 222 & 533 &:= 1^9 + 2^0 + 8^3 + 18^1 + 23^0 = 19 + 20 + 83 + 181 + 230 \\ 533 &:= 1^5 + 3^2 + 3^4 + 21^2 + 24^0 = 15 + 32 + 34 + 212 + 240 & 533 &:= 1^9 + 2^4 + 2^7 + 19^2 + 27^1 = 19 + 24 + 27 + 192 + 271 \\ 533 &:= 1^5 + 3^4 + 15^2 + 15^2 + 18^0 = 15 + 34 + 152 + 152 + 180 & 533 &:= 1^9 + 3^0 + 13^2 + 16^0 + 19^2 = 19 + 30 + 132 + 160 + 192 \\ 533 &:= 1^6 + 1^6 + 1^9 + 23^2 + 25^0 = 16 + 16 + 19 + 232 + 250 & 533 &:= 1^9 + 3^0 + 8^3 + 18^1 + 22^0 = 19 + 30 + 83 + 181 + 220 \\ 533 &:= 1^6 + 1^7 + 1^8 + 23^2 + 25^0 = 16 + 17 + 18 + 232 + 250 & 533 &:= 1^9 + 4^0 + 13^2 + 15^0 + 19^2 = 19 + 40 + 132 + 150 + 192 \\ 533 &:= 1^6 + 1^8 + 2^6 + 21^2 + 26^1 = 16 + 18 + 26 + 212 + 261 & 533 &:= 1^9 + 4^0 + 8^3 + 18^1 + 21^0 = 19 + 40 + 83 + 181 + 210 \\ 533 &:= 1^6 + 2^8 + 2^8 + 19^1 + 27^0 = 16 + 28 + 28 + 191 + 270 & 533 &:= 1^9 + 5^0 + 13^2 + 14^0 + 19^2 = 19 + 50 + 132 + 140 + 192 \\ 533 &:= 1^6 + 3^4 + 9^1 + 18^0 + 21^2 = 16 + 34 + 91 + 180 + 212 & 533 &:= 1^9 + 5^0 + 8^3 + 18^1 + 20^0 = 19 + 50 + 83 + 181 + 200 \\ 533 &:= 1^6 + 4^4 + 12^0 + 16^2 + 19^1 = 16 + 44 + 120 + 162 + 191 & 533 &:= 1^9 + 6^0 + 13^0 + 13^2 + 19^2 = 19 + 60 + 130 + 132 + 192 \\ 533 &:= 1^7 + 1^7 + 1^7 + 23^2 + 25^0 = 17 + 17 + 17 + 232 + 250 & 533 &:= 1^9 + 6^0 + 8^3 + 18^1 + 19^0 = 19 + 60 + 83 + 181 + 190 \\ 533 &:= 1^7 + 1^7 + 2^6 + 21^2 + 26^1 = 17 + 17 + 26 + 212 + 261 & 533 &:= 1^9 + 7^0 + 12^0 + 13^2 + 19^2 = 19 + 70 + 120 + 132 + 192 \\ 533 &:= 1^7 + 11^2 + 11^2 + 12^0 + 17^2 = 17 + 112 + 112 + 120 + 172 & 533 &:= 1^9 + 7^0 + 8^3 + 18^0 + 18^1 = 19 + 70 + 83 + 180 + 181 \\ 533 &:= 1^7 + 2^0 + 6^3 + 17^2 + 26^1 = 17 + 20 + 63 + 172 + 261 & 533 &:= 1^9 + 8^0 + 11^0 + 13^2 + 19^2 = 19 + 80 + 110 + 132 + 192 \\ 533 &:= 1^7 + 2^2 + 8^3 + 15^1 + 26^0 = 17 + 22 + 83 + 151 + 260 & 533 &:= 1^9 + 8^0 + 8^3 + 17^0 + 18^1 = 19 + 80 + 83 + 170 + 181 \\ 533 &:= 1^7 + 3^2 + 9^2 + 18^0 + 21^2 = 17 + 32 + 92 + 180 + 212 & 533 &:= 1^9 + 8^3 + 10^0 + 15^0 + 18^1 = 19 + 83 + 100 + 150 + 181 \\ 533 &:= 1^7 + 3^3 + 6^0 + 20^1 + 22^2 = 17 + 33 + 60 + 201 + 222 & 533 &:= 1^9 + 8^3 + 11^0 + 14^0 + 18^1 = 19 + 83 + 110 + 140 + 181 \\ 533 &:= 1^7 + 5^3 + 6^1 + 20^0 + 20^2 = 17 + 53 + 61 + 200 + 202 & 533 &:= 1^9 + 8^3 + 12^0 + 13^0 + 18^1 = 19 + 83 + 120 + 130 + 181 \\ 533 &:= 1^7 + 7^2 + 11^2 + 14^0 + 19^2 = 17 + 72 + 112 + 140 + 192 & 533 &:= 1^9 + 8^3 + 9^0 + 16^0 + 18^1 = 19 + 83 + 90 + 160 + 181 \\ 533 &:= 1^7 + 7^3 + 12^0 + 13^2 + 19^1 = 17 + 73 + 120 + 132 + 191 & 533 &:= 1^9 + 9^0 + 10^0 + 13^2 + 19^2 = 19 + 90 + 100 + 132 + 192 \\ 533 &:= 1^7 + 9^2 + 12^0 + 15^2 + 15^2 = 17 + 92 + 120 + 152 + 152 & 533 &:= 2^0 + 2^6 + 3^4 + 19^2 + 26^1 = 20 + 26 + 34 + 192 + 261 \\ 533 &:= 1^8 + 1^9 + 6^3 + 17^2 + 26^1 = 18 + 19 + 63 + 172 + 261 & 533 &:= 2^0 + 2^8 + 4^4 + 19^1 + 25^0 = 20 + 28 + 44 + 191 + 250 \\ 533 &:= 1^8 + 10^0 + 10^1 + 11^2 + 20^2 = 18 + 100 + 101 + 112 + 202 & 533 &:= 2^0 + 2^8 + 9^2 + 13^2 + 26^1 = 20 + 28 + 92 + 132 + 261 \end{aligned}$$

$533 := 2^1 + 2^8 + 7^2 + 15^2 + 26^0 = 21 + 28 + 72 + 152 + 260$	$533 := 2^7 + 6^3 + 12^0 + 13^2 + 19^1 = 27 + 63 + 120 + 132 + 191$
$533 := 2^2 + 2^6 + 4^3 + 20^2 + 24^0 = 22 + 26 + 43 + 202 + 240$	$533 := 2^7 + 7^2 + 7^3 + 12^1 + 24^0 = 27 + 72 + 73 + 121 + 240$
$533 := 2^2 + 2^7 + 12^2 + 16^2 + 20^0 = 22 + 27 + 122 + 162 + 200$	$533 := 2^7 + 8^2 + 12^2 + 14^2 + 16^0 = 27 + 82 + 122 + 142 + 160$
$533 := 2^2 + 2^8 + 16^0 + 16^1 + 16^2 = 22 + 28 + 160 + 161 + 162$	$533 := 2^8 + 11^1 + 11^2 + 12^2 + 16^0 = 28 + 111 + 112 + 122 + 160$
$533 := 2^3 + 2^3 + 2^5 + 22^2 + 24^0 = 23 + 23 + 25 + 222 + 240$	$533 := 2^8 + 3^0 + 4^4 + 19^1 + 24^0 = 28 + 30 + 44 + 191 + 240$
$533 := 2^3 + 2^9 + 10^0 + 11^1 + 27^0 = 23 + 29 + 100 + 111 + 270$	$533 := 2^8 + 3^2 + 11^1 + 16^2 + 20^0 = 28 + 32 + 111 + 162 + 200$
$533 := 2^3 + 2^9 + 11^0 + 11^1 + 26^0 = 23 + 29 + 110 + 111 + 260$	$533 := 2^8 + 4^0 + 4^4 + 19^1 + 23^0 = 28 + 40 + 44 + 191 + 230$
$533 := 2^3 + 2^9 + 11^1 + 12^0 + 25^0 = 23 + 29 + 111 + 120 + 250$	$533 := 2^8 + 4^0 + 5^2 + 15^2 + 26^1 = 28 + 40 + 52 + 152 + 261$
$533 := 2^3 + 2^9 + 11^1 + 13^0 + 24^0 = 23 + 29 + 111 + 130 + 240$	$533 := 2^8 + 4^1 + 4^2 + 16^2 + 26^0 = 28 + 41 + 42 + 162 + 260$
$533 := 2^3 + 2^9 + 11^1 + 14^0 + 23^0 = 23 + 29 + 111 + 140 + 230$	$533 := 2^8 + 4^4 + 10^0 + 17^0 + 19^1 = 28 + 44 + 100 + 170 + 191$
$533 := 2^3 + 2^9 + 11^1 + 15^0 + 22^0 = 23 + 29 + 111 + 150 + 220$	$533 := 2^8 + 4^4 + 11^0 + 16^0 + 19^1 = 28 + 44 + 110 + 160 + 191$
$533 := 2^3 + 2^9 + 11^1 + 16^0 + 21^0 = 23 + 29 + 111 + 160 + 210$	$533 := 2^8 + 4^4 + 12^0 + 15^0 + 19^1 = 28 + 44 + 120 + 150 + 191$
$533 := 2^3 + 2^9 + 11^1 + 17^0 + 20^0 = 23 + 29 + 111 + 170 + 200$	$533 := 2^8 + 4^4 + 13^0 + 14^0 + 19^1 = 28 + 44 + 130 + 140 + 191$
$533 := 2^3 + 2^9 + 11^1 + 18^0 + 19^0 = 23 + 29 + 111 + 180 + 190$	$533 := 2^8 + 4^4 + 5^0 + 19^1 + 22^0 = 28 + 44 + 50 + 191 + 220$
$533 := 2^3 + 3^5 + 4^4 + 18^0 + 25^1 = 23 + 35 + 44 + 180 + 251$	$533 := 2^8 + 4^4 + 6^0 + 19^1 + 21^0 = 28 + 44 + 60 + 191 + 210$
$533 := 2^4 + 2^6 + 11^1 + 16^0 + 21^2 = 24 + 26 + 111 + 160 + 212$	$533 := 2^8 + 4^4 + 7^0 + 19^1 + 20^0 = 28 + 44 + 70 + 191 + 200$
$533 := 2^5 + 4^4 + 10^2 + 12^2 + 24^0 = 25 + 44 + 102 + 122 + 240$	$533 := 2^8 + 4^4 + 8^0 + 19^0 + 19^1 = 28 + 44 + 80 + 190 + 191$
$533 := 2^6 + 4^4 + 14^2 + 16^0 + 16^1 = 26 + 44 + 142 + 160 + 161$	$533 := 2^8 + 4^4 + 9^0 + 18^0 + 19^1 = 28 + 44 + 90 + 180 + 191$
$533 := 2^7 + 2^7 + 2^8 + 20^1 + 25^0 = 27 + 27 + 28 + 201 + 250$	$533 := 2^8 + 6^2 + 14^0 + 15^1 + 15^2 = 28 + 62 + 140 + 151 + 152$
$533 := 2^7 + 3^3 + 12^0 + 16^1 + 19^2 = 27 + 33 + 120 + 161 + 192$	$533 := 2^8 + 7^1 + 10^2 + 13^2 + 20^0 = 28 + 71 + 102 + 132 + 200$
$533 := 2^7 + 4^2 + 8^2 + 18^2 + 20^0 = 27 + 42 + 82 + 182 + 200$	$533 := 2^8 + 8^2 + 12^0 + 14^2 + 16^1 = 28 + 82 + 120 + 142 + 161$
$533 := 2^7 + 4^3 + 12^0 + 16^1 + 18^2 = 27 + 43 + 120 + 161 + 182$	$533 := 3^4 + 3^5 + 8^2 + 12^2 + 26^0 = 34 + 35 + 82 + 122 + 260$
$533 := 2^7 + 5^3 + 6^0 + 16^2 + 23^1 = 27 + 53 + 60 + 162 + 231$	$533 := 3^5 + 3^5 + 5^2 + 20^0 + 21^1 = 35 + 35 + 52 + 200 + 211$
$533 := 2^7 + 6^2 + 7^3 + 12^0 + 25^1 = 27 + 62 + 73 + 120 + 251$	

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$534 := 2^2 + 23^2 + 28^0 = 22 + 232 + 280$	$534 := 2^0 + 8^3 + 20^1 + 23^0 = 20 + 83 + 201 + 230$
$534 := 7^2 + 22^2 + 24^0 = 72 + 222 + 240$	$534 := 2^1 + 2^1 + 23^2 + 26^0 = 21 + 21 + 232 + 260$
$534 := 8^3 + 21^1 + 24^0 = 83 + 211 + 240$	$534 := 2^4 + 2^7 + 19^2 + 29^1 = 24 + 27 + 192 + 291$
$534 := 1^0 + 8^3 + 20^1 + 24^0 = 10 + 83 + 201 + 240$	$534 := 2^4 + 2^9 + 5^1 + 43^0 = 24 + 29 + 51 + 430$
$534 := 1^1 + 3^1 + 23^2 + 26^0 = 11 + 31 + 232 + 260$	$534 := 2^8 + 3^4 + 14^2 + 33^0 = 28 + 34 + 142 + 330$
$534 := 1^4 + 2^9 + 20^1 + 29^0 = 14 + 29 + 201 + 290$	$534 := 2^8 + 3^5 + 13^0 + 34^1 = 28 + 35 + 130 + 341$
$534 := 1^5 + 2^6 + 21^2 + 28^1 = 15 + 26 + 212 + 281$	$534 := 3^0 + 8^3 + 20^1 + 22^0 = 30 + 83 + 201 + 220$
$534 := 1^7 + 3^5 + 17^2 + 31^0 = 17 + 35 + 172 + 310$	$534 := 4^0 + 8^3 + 20^1 + 21^0 = 40 + 83 + 201 + 210$
$534 := 1^8 + 6^3 + 17^2 + 28^1 = 18 + 63 + 172 + 281$	$534 := 5^0 + 8^3 + 20^0 + 20^1 = 50 + 83 + 200 + 201$
$534 := 1^9 + 15^2 + 17^2 + 19^1 = 19 + 152 + 172 + 191$	$534 := 6^0 + 8^3 + 19^0 + 20^1 = 60 + 83 + 190 + 201$
$534 := 1^9 + 5^2 + 22^2 + 24^1 = 19 + 52 + 222 + 241$	$534 := 7^0 + 8^3 + 18^0 + 20^1 = 70 + 83 + 180 + 201$

$534 := 8^0 + 8^3 + 17^0 + 20^1$	$= 80 + 83 + 170 + 201$	$534 := 1^1 + 2^1 + 9^0 + 18^0 + 23^2$	$= 11 + 21 + 90 + 180 + 232$
$534 := 8^3 + 10^0 + 15^0 + 20^1$	$= 83 + 100 + 150 + 201$	$534 := 1^1 + 2^6 + 3^4 + 19^2 + 27^1$	$= 11 + 26 + 34 + 192 + 271$
$534 := 8^3 + 11^0 + 14^0 + 20^1$	$= 83 + 110 + 140 + 201$	$534 := 1^1 + 2^8 + 4^4 + 20^1 + 25^0$	$= 11 + 28 + 44 + 201 + 250$
$534 := 8^3 + 12^0 + 13^0 + 20^1$	$= 83 + 120 + 130 + 201$	$534 := 1^1 + 2^8 + 9^2 + 13^2 + 27^1$	$= 11 + 28 + 92 + 132 + 271$
$534 := 8^3 + 9^0 + 16^0 + 20^1$	$= 83 + 90 + 160 + 201$	$534 := 1^2 + 1^3 + 2^6 + 21^2 + 27^1$	$= 12 + 13 + 26 + 212 + 271$
$534 := 1^0 + 1^0 + 8^3 + 19^1 + 24^0$	$= 10 + 10 + 83 + 191 + 240$	$534 := 1^2 + 1^6 + 6^3 + 17^2 + 27^1$	$= 12 + 16 + 63 + 172 + 271$
$534 := 1^0 + 1^1 + 2^1 + 23^2 + 26^0$	$= 10 + 11 + 21 + 232 + 260$	$534 := 1^2 + 1^7 + 15^2 + 17^2 + 18^1$	$= 12 + 17 + 152 + 172 + 181$
$534 := 1^0 + 1^5 + 2^6 + 21^2 + 27^1$	$= 10 + 15 + 26 + 212 + 271$	$534 := 1^2 + 1^7 + 5^2 + 22^2 + 23^1$	$= 12 + 17 + 52 + 222 + 231$
$534 := 1^0 + 1^8 + 6^3 + 17^2 + 27^1$	$= 10 + 18 + 63 + 172 + 271$	$534 := 1^2 + 1^8 + 8^3 + 19^1 + 23^0$	$= 12 + 18 + 83 + 191 + 230$
$534 := 1^0 + 1^9 + 15^2 + 17^2 + 18^1$	$= 10 + 19 + 152 + 172 + 181$	$534 := 1^2 + 1^9 + 2^1 + 23^2 + 25^0$	$= 12 + 19 + 21 + 232 + 250$
$534 := 1^0 + 1^9 + 5^2 + 22^2 + 23^1$	$= 10 + 19 + 52 + 222 + 231$	$534 := 1^3 + 1^5 + 6^3 + 17^2 + 27^1$	$= 13 + 15 + 63 + 172 + 271$
$534 := 1^0 + 2^0 + 8^3 + 19^1 + 23^0$	$= 10 + 20 + 83 + 191 + 230$	$534 := 1^3 + 1^6 + 15^2 + 17^2 + 18^1$	$= 13 + 16 + 152 + 172 + 181$
$534 := 1^0 + 3^0 + 8^3 + 19^1 + 22^0$	$= 10 + 30 + 83 + 191 + 220$	$534 := 1^3 + 1^6 + 5^2 + 22^2 + 23^1$	$= 13 + 16 + 52 + 222 + 231$
$534 := 1^0 + 4^0 + 8^3 + 19^1 + 21^0$	$= 10 + 40 + 83 + 191 + 210$	$534 := 1^3 + 1^7 + 8^3 + 19^1 + 23^0$	$= 13 + 17 + 83 + 191 + 230$
$534 := 1^0 + 5^0 + 8^3 + 19^1 + 20^0$	$= 10 + 50 + 83 + 191 + 200$	$534 := 1^3 + 1^8 + 2^1 + 23^2 + 25^0$	$= 13 + 18 + 21 + 232 + 250$
$534 := 1^0 + 6^0 + 8^3 + 19^0 + 19^1$	$= 10 + 60 + 83 + 190 + 191$	$534 := 1^3 + 2^2 + 2^7 + 20^2 + 27^0$	$= 13 + 22 + 27 + 202 + 270$
$534 := 1^0 + 7^0 + 8^3 + 18^0 + 19^1$	$= 10 + 70 + 83 + 180 + 191$	$534 := 1^3 + 2^4 + 2^5 + 22^2 + 25^0$	$= 13 + 24 + 25 + 222 + 250$
$534 := 1^0 + 8^0 + 8^3 + 17^0 + 19^1$	$= 10 + 80 + 83 + 170 + 191$	$534 := 1^3 + 2^6 + 15^2 + 15^2 + 19^1$	$= 13 + 26 + 152 + 152 + 191$
$534 := 1^0 + 8^3 + 10^0 + 15^0 + 19^1$	$= 10 + 83 + 100 + 150 + 191$	$534 := 1^3 + 2^6 + 3^3 + 21^2 + 25^0$	$= 13 + 26 + 33 + 212 + 250$
$534 := 1^0 + 8^3 + 11^0 + 14^0 + 19^1$	$= 10 + 83 + 110 + 140 + 191$	$534 := 1^3 + 2^8 + 13^0 + 16^2 + 20^1$	$= 13 + 28 + 130 + 162 + 201$
$534 := 1^0 + 8^3 + 12^0 + 13^0 + 19^1$	$= 10 + 83 + 120 + 130 + 191$	$534 := 1^4 + 1^4 + 6^3 + 17^2 + 27^1$	$= 14 + 14 + 63 + 172 + 271$
$534 := 1^0 + 8^3 + 9^0 + 16^0 + 19^1$	$= 10 + 83 + 90 + 160 + 191$	$534 := 1^4 + 1^5 + 15^2 + 17^2 + 18^1$	$= 14 + 15 + 152 + 172 + 181$
$534 := 1^1 + 1^4 + 2^6 + 21^2 + 27^1$	$= 11 + 14 + 26 + 212 + 271$	$534 := 1^4 + 1^5 + 5^2 + 22^2 + 23^1$	$= 14 + 15 + 52 + 222 + 231$
$534 := 1^1 + 1^7 + 6^3 + 17^2 + 27^1$	$= 11 + 17 + 63 + 172 + 271$	$534 := 1^4 + 1^6 + 8^3 + 19^1 + 23^0$	$= 14 + 16 + 83 + 191 + 230$
$534 := 1^1 + 1^8 + 15^2 + 17^2 + 18^1$	$= 11 + 18 + 152 + 172 + 181$	$534 := 1^4 + 1^7 + 2^1 + 23^2 + 25^0$	$= 14 + 17 + 21 + 232 + 250$
$534 := 1^1 + 1^8 + 5^2 + 22^2 + 23^1$	$= 11 + 18 + 52 + 222 + 231$	$534 := 1^4 + 2^1 + 2^6 + 21^2 + 26^1$	$= 14 + 21 + 26 + 212 + 261$
$534 := 1^1 + 1^9 + 8^3 + 19^1 + 23^0$	$= 11 + 19 + 83 + 191 + 230$	$534 := 1^4 + 2^3 + 2^4 + 22^2 + 25^1$	$= 14 + 23 + 24 + 222 + 251$
$534 := 1^1 + 2^0 + 2^1 + 23^2 + 25^0$	$= 11 + 20 + 21 + 232 + 250$	$534 := 1^4 + 2^5 + 11^2 + 19^1 + 19^2$	$= 14 + 25 + 112 + 191 + 192$
$534 := 1^1 + 2^1 + 10^0 + 17^0 + 23^2$	$= 11 + 21 + 100 + 170 + 232$	$534 := 1^4 + 2^5 + 9^2 + 20^1 + 20^2$	$= 14 + 25 + 92 + 201 + 202$
$534 := 1^1 + 2^1 + 11^0 + 16^0 + 23^2$	$= 11 + 21 + 110 + 160 + 232$	$534 := 1^4 + 2^6 + 10^1 + 18^1 + 21^2$	$= 14 + 26 + 101 + 181 + 212$
$534 := 1^1 + 2^1 + 12^0 + 15^0 + 23^2$	$= 11 + 21 + 120 + 150 + 232$	$534 := 1^4 + 2^6 + 11^1 + 17^1 + 21^2$	$= 14 + 26 + 111 + 171 + 212$
$534 := 1^1 + 2^1 + 13^0 + 14^0 + 23^2$	$= 11 + 21 + 130 + 140 + 232$	$534 := 1^4 + 2^6 + 12^1 + 16^1 + 21^2$	$= 14 + 26 + 121 + 161 + 212$
$534 := 1^1 + 2^1 + 3^0 + 23^2 + 24^0$	$= 11 + 21 + 30 + 232 + 240$	$534 := 1^4 + 2^6 + 12^2 + 18^2 + 19^0$	$= 14 + 26 + 122 + 182 + 190$
$534 := 1^1 + 2^1 + 4^0 + 23^0 + 23^2$	$= 11 + 21 + 40 + 230 + 232$	$534 := 1^4 + 2^6 + 13^1 + 15^1 + 21^2$	$= 14 + 26 + 131 + 151 + 212$
$534 := 1^1 + 2^1 + 5^0 + 22^0 + 23^2$	$= 11 + 21 + 50 + 220 + 232$	$534 := 1^4 + 2^6 + 14^1 + 14^1 + 21^2$	$= 14 + 26 + 141 + 141 + 212$
$534 := 1^1 + 2^1 + 6^0 + 21^0 + 23^2$	$= 11 + 21 + 60 + 210 + 232$	$534 := 1^4 + 2^6 + 3^1 + 21^2 + 25^1$	$= 14 + 26 + 31 + 212 + 251$
$534 := 1^1 + 2^1 + 7^0 + 20^0 + 23^2$	$= 11 + 21 + 70 + 200 + 232$	$534 := 1^4 + 2^6 + 4^1 + 21^2 + 24^1$	$= 14 + 26 + 41 + 212 + 241$
$534 := 1^1 + 2^1 + 8^0 + 19^0 + 23^2$	$= 11 + 21 + 80 + 190 + 232$	$534 := 1^4 + 2^6 + 5^1 + 21^2 + 23^1$	$= 14 + 26 + 51 + 212 + 231$

$$\begin{aligned} 534 &:= 1^4 + 2^6 + 6^1 + 21^2 + 22^1 = 14 + 26 + 61 + 212 + 221 & 534 &:= 1^6 + 5^3 + 8^2 + 18^2 + 20^1 = 16 + 53 + 82 + 182 + 201 \\ 534 &:= 1^4 + 2^6 + 7^1 + 21^1 + 21^2 = 14 + 26 + 71 + 211 + 212 & 534 &:= 1^6 + 6^3 + 10^2 + 14^2 + 21^1 = 16 + 63 + 102 + 142 + 211 \\ 534 &:= 1^4 + 2^6 + 8^1 + 20^1 + 21^2 = 14 + 26 + 81 + 201 + 212 & 534 &:= 1^6 + 7^3 + 8^2 + 10^2 + 26^1 = 16 + 73 + 82 + 102 + 261 \\ 534 &:= 1^4 + 2^6 + 9^1 + 19^1 + 21^2 = 14 + 26 + 91 + 191 + 212 & 534 &:= 1^7 + 10^2 + 12^1 + 14^2 + 15^2 = 17 + 102 + 121 + 142 + 152 \\ 534 &:= 1^4 + 2^7 + 4^1 + 20^2 + 25^0 = 14 + 27 + 41 + 202 + 250 & 534 &:= 1^7 + 11^2 + 12^1 + 12^2 + 16^2 = 17 + 112 + 121 + 122 + 162 \\ 534 &:= 1^4 + 2^9 + 10^0 + 19^1 + 20^0 = 14 + 29 + 100 + 191 + 200 & 534 &:= 1^7 + 2^1 + 6^3 + 17^2 + 26^1 = 17 + 21 + 63 + 172 + 261 \\ 534 &:= 1^4 + 2^9 + 11^0 + 19^0 + 19^1 = 14 + 29 + 110 + 190 + 191 & 534 &:= 1^7 + 2^2 + 16^2 + 16^2 + 17^1 = 17 + 22 + 162 + 162 + 171 \\ 534 &:= 1^4 + 2^9 + 12^0 + 18^0 + 19^1 = 14 + 29 + 120 + 180 + 191 & 534 &:= 1^7 + 2^8 + 2^8 + 20^1 + 26^0 = 17 + 28 + 28 + 201 + 260 \\ 534 &:= 1^4 + 2^9 + 13^0 + 17^0 + 19^1 = 14 + 29 + 130 + 170 + 191 & 534 &:= 1^7 + 3^1 + 6^3 + 17^2 + 25^1 = 17 + 31 + 63 + 172 + 251 \\ 534 &:= 1^4 + 2^9 + 14^0 + 16^0 + 19^1 = 14 + 29 + 140 + 160 + 191 & 534 &:= 1^7 + 3^2 + 8^2 + 19^1 + 21^2 = 17 + 32 + 82 + 191 + 212 \\ 534 &:= 1^4 + 2^9 + 15^0 + 15^0 + 19^1 = 14 + 29 + 150 + 150 + 191 & 534 &:= 1^7 + 3^3 + 12^2 + 17^0 + 19^2 = 17 + 33 + 122 + 170 + 192 \\ 534 &:= 1^4 + 2^9 + 3^0 + 19^1 + 27^0 = 14 + 29 + 30 + 191 + 270 & 534 &:= 1^7 + 3^3 + 8^2 + 19^0 + 21^2 = 17 + 33 + 82 + 190 + 212 \\ 534 &:= 1^4 + 2^9 + 4^0 + 19^1 + 26^0 = 14 + 29 + 40 + 191 + 260 & 534 &:= 1^7 + 3^4 + 10^1 + 17^0 + 21^2 = 17 + 34 + 101 + 170 + 212 \\ 534 &:= 1^4 + 2^9 + 5^0 + 19^1 + 25^0 = 14 + 29 + 50 + 191 + 250 & 534 &:= 1^7 + 4^1 + 6^3 + 17^2 + 24^1 = 17 + 41 + 63 + 172 + 241 \\ 534 &:= 1^4 + 2^9 + 6^0 + 19^1 + 24^0 = 14 + 29 + 60 + 191 + 240 & 534 &:= 1^7 + 4^2 + 10^2 + 17^1 + 20^2 = 17 + 42 + 102 + 171 + 202 \\ 534 &:= 1^4 + 2^9 + 7^0 + 19^1 + 23^0 = 14 + 29 + 70 + 191 + 230 & 534 &:= 1^7 + 4^3 + 12^2 + 17^0 + 18^2 = 17 + 43 + 122 + 170 + 182 \\ 534 &:= 1^4 + 2^9 + 8^0 + 19^1 + 22^0 = 14 + 29 + 80 + 191 + 220 & 534 &:= 1^7 + 4^4 + 11^0 + 16^2 + 20^1 = 17 + 44 + 110 + 162 + 201 \\ 534 &:= 1^4 + 2^9 + 9^0 + 19^1 + 21^0 = 14 + 29 + 90 + 191 + 210 & 534 &:= 1^7 + 5^1 + 6^3 + 17^2 + 23^1 = 17 + 51 + 63 + 172 + 231 \\ 534 &:= 1^4 + 3^3 + 3^4 + 20^2 + 25^1 = 14 + 33 + 34 + 202 + 251 & 534 &:= 1^7 + 5^2 + 13^2 + 15^1 + 18^2 = 17 + 52 + 132 + 151 + 182 \\ 534 &:= 1^4 + 3^5 + 11^2 + 12^2 + 25^1 = 14 + 35 + 112 + 122 + 251 & 534 &:= 1^7 + 5^2 + 7^2 + 18^1 + 21^2 = 17 + 52 + 72 + 181 + 212 \\ 534 &:= 1^5 + 1^5 + 8^3 + 19^1 + 23^0 = 15 + 15 + 83 + 191 + 230 & 534 &:= 1^7 + 6^1 + 6^3 + 17^2 + 22^1 = 17 + 61 + 63 + 172 + 221 \\ 534 &:= 1^5 + 1^6 + 2^1 + 23^2 + 25^0 = 15 + 16 + 21 + 232 + 250 & 534 &:= 1^7 + 6^2 + 11^2 + 15^1 + 19^2 = 17 + 62 + 112 + 151 + 192 \\ 534 &:= 1^5 + 2^4 + 3^2 + 22^2 + 24^1 = 15 + 24 + 32 + 222 + 241 & 534 &:= 1^7 + 6^2 + 9^2 + 16^1 + 20^2 = 17 + 62 + 92 + 161 + 202 \\ 534 &:= 1^5 + 2^5 + 10^2 + 19^0 + 20^2 = 15 + 25 + 102 + 190 + 202 & 534 &:= 1^7 + 6^3 + 10^1 + 17^2 + 18^1 = 17 + 63 + 101 + 172 + 181 \\ 534 &:= 1^5 + 2^5 + 4^2 + 22^2 + 23^0 = 15 + 25 + 42 + 222 + 230 & 534 &:= 1^7 + 6^3 + 11^1 + 17^1 + 17^2 = 17 + 63 + 111 + 171 + 172 \\ 534 &:= 1^5 + 3^4 + 12^2 + 17^2 + 19^1 = 15 + 34 + 122 + 172 + 191 & 534 &:= 1^7 + 6^3 + 12^1 + 16^1 + 17^2 = 17 + 63 + 121 + 161 + 172 \\ 534 &:= 1^5 + 3^5 + 8^2 + 15^2 + 25^0 = 15 + 35 + 82 + 152 + 250 & 534 &:= 1^7 + 6^3 + 13^1 + 15^1 + 17^2 = 17 + 63 + 131 + 151 + 172 \\ 534 &:= 1^5 + 4^4 + 4^4 + 20^1 + 23^0 = 15 + 44 + 44 + 201 + 230 & 534 &:= 1^7 + 6^3 + 14^1 + 14^1 + 17^2 = 17 + 63 + 141 + 141 + 172 \\ 534 &:= 1^5 + 4^4 + 5^2 + 15^2 + 27^1 = 15 + 44 + 52 + 152 + 271 & 534 &:= 1^7 + 6^3 + 7^1 + 17^2 + 21^1 = 17 + 63 + 71 + 172 + 211 \\ 534 &:= 1^6 + 2^2 + 4^3 + 21^2 + 24^1 = 16 + 22 + 43 + 212 + 241 & 534 &:= 1^7 + 6^3 + 8^1 + 17^2 + 20^1 = 17 + 63 + 81 + 172 + 201 \\ 534 &:= 1^6 + 2^3 + 8^2 + 20^1 + 21^2 = 16 + 23 + 82 + 201 + 212 & 534 &:= 1^7 + 6^3 + 9^1 + 17^2 + 19^1 = 17 + 63 + 91 + 172 + 191 \\ 534 &:= 1^6 + 2^5 + 11^0 + 16^1 + 22^2 = 16 + 25 + 110 + 161 + 222 & 534 &:= 1^8 + 2^1 + 15^2 + 17^1 + 17^2 = 18 + 21 + 152 + 171 + 172 \\ 534 &:= 1^6 + 3^3 + 4^3 + 21^2 + 23^0 = 16 + 33 + 43 + 212 + 230 & 534 &:= 1^8 + 2^1 + 5^2 + 22^1 + 22^2 = 18 + 21 + 52 + 221 + 222 \\ 534 &:= 1^6 + 3^3 + 6^3 + 17^2 + 25^0 = 16 + 33 + 63 + 172 + 250 & 534 &:= 1^8 + 2^2 + 8^3 + 16^1 + 25^0 = 18 + 22 + 83 + 161 + 250 \\ 534 &:= 1^6 + 4^3 + 14^2 + 16^2 + 17^1 = 16 + 43 + 142 + 162 + 171 & 534 &:= 1^8 + 3^1 + 15^2 + 16^1 + 17^2 = 18 + 31 + 152 + 161 + 172 \\ 534 &:= 1^6 + 4^3 + 7^2 + 20^1 + 20^2 = 16 + 43 + 72 + 201 + 202 & 534 &:= 1^8 + 3^1 + 5^2 + 21^1 + 22^2 = 18 + 31 + 52 + 211 + 222 \\ 534 &:= 1^6 + 5^2 + 5^3 + 19^2 + 22^1 = 16 + 52 + 53 + 192 + 221 & 534 &:= 1^8 + 3^3 + 5^0 + 21^1 + 22^2 = 18 + 33 + 50 + 211 + 222 \\ 534 &:= 1^6 + 5^3 + 10^2 + 17^2 + 19^1 = 16 + 53 + 102 + 172 + 191 & 534 &:= 1^8 + 4^1 + 15^1 + 15^2 + 17^2 = 18 + 41 + 151 + 152 + 172 \end{aligned}$$

$$\begin{array}{ll}
 534 := 1^8 + 4^1 + 5^2 + 20^1 + 22^2 = 18 + 41 + 52 + 201 + 222 & 534 := 2^0 + 8^3 + 10^0 + 14^0 + 19^1 = 20 + 83 + 100 + 140 + 191 \\
 534 := 1^8 + 5^1 + 14^1 + 15^2 + 17^2 = 18 + 51 + 141 + 152 + 172 & 534 := 2^0 + 8^3 + 11^0 + 13^0 + 19^1 = 20 + 83 + 110 + 130 + 191 \\
 534 := 1^8 + 5^1 + 5^2 + 19^1 + 22^2 = 18 + 51 + 52 + 191 + 222 & 534 := 2^0 + 8^3 + 12^0 + 12^0 + 19^1 = 20 + 83 + 120 + 120 + 191 \\
 534 := 1^8 + 5^2 + 10^1 + 14^1 + 22^2 = 18 + 52 + 101 + 141 + 222 & 534 := 2^0 + 8^3 + 9^0 + 15^0 + 19^1 = 20 + 83 + 90 + 150 + 191 \\
 534 := 1^8 + 5^2 + 11^1 + 13^1 + 22^2 = 18 + 52 + 111 + 131 + 222 & 534 := 2^1 + 2^6 + 3^4 + 19^2 + 26^1 = 21 + 26 + 34 + 192 + 261 \\
 534 := 1^8 + 5^2 + 12^1 + 12^1 + 22^2 = 18 + 52 + 121 + 121 + 222 & 534 := 2^1 + 2^8 + 4^4 + 19^1 + 25^0 = 21 + 28 + 44 + 191 + 250 \\
 534 := 1^8 + 5^2 + 6^1 + 18^1 + 22^2 = 18 + 52 + 61 + 181 + 222 & 534 := 2^1 + 2^8 + 9^2 + 13^2 + 26^1 = 21 + 28 + 92 + 132 + 261 \\
 534 := 1^8 + 5^2 + 7^1 + 17^1 + 22^2 = 18 + 52 + 71 + 171 + 222 & 534 := 2^2 + 2^7 + 4^2 + 19^2 + 25^1 = 22 + 27 + 42 + 192 + 251 \\
 534 := 1^8 + 5^2 + 8^1 + 16^1 + 22^2 = 18 + 52 + 81 + 161 + 222 & 534 := 2^2 + 3^5 + 3^5 + 17^1 + 27^1 = 22 + 35 + 35 + 171 + 271 \\
 534 := 1^8 + 5^2 + 9^1 + 15^1 + 22^2 = 18 + 52 + 91 + 151 + 222 & 534 := 2^2 + 3^5 + 3^5 + 18^1 + 26^1 = 22 + 35 + 35 + 181 + 261 \\
 534 := 1^8 + 5^3 + 7^1 + 19^0 + 20^2 = 18 + 53 + 71 + 190 + 202 & 534 := 2^2 + 3^5 + 3^5 + 19^1 + 25^1 = 22 + 35 + 35 + 191 + 251 \\
 534 := 1^8 + 6^1 + 13^1 + 15^2 + 17^2 = 18 + 61 + 131 + 152 + 172 & 534 := 2^2 + 3^5 + 3^5 + 20^1 + 24^1 = 22 + 35 + 35 + 201 + 241 \\
 534 := 1^8 + 7^1 + 12^1 + 15^2 + 17^2 = 18 + 71 + 121 + 152 + 172 & 534 := 2^2 + 3^5 + 3^5 + 21^1 + 23^1 = 22 + 35 + 35 + 211 + 231 \\
 534 := 1^8 + 7^3 + 11^0 + 13^2 + 20^1 = 18 + 73 + 110 + 132 + 201 & 534 := 2^2 + 3^5 + 3^5 + 22^1 + 22^1 = 22 + 35 + 35 + 221 + 221 \\
 534 := 1^8 + 8^1 + 11^1 + 15^2 + 17^2 = 18 + 81 + 111 + 152 + 172 & 534 := 2^3 + 2^6 + 9^2 + 19^2 + 20^1 = 23 + 26 + 92 + 192 + 201 \\
 534 := 1^8 + 8^2 + 12^2 + 13^0 + 18^2 = 18 + 82 + 122 + 130 + 182 & 534 := 2^3 + 2^7 + 6^2 + 19^2 + 23^0 = 23 + 27 + 62 + 192 + 230 \\
 534 := 1^8 + 9^1 + 10^1 + 15^2 + 17^2 = 18 + 91 + 101 + 152 + 172 & 534 := 2^3 + 2^8 + 13^1 + 16^2 + 19^0 = 23 + 28 + 131 + 162 + 190 \\
 534 := 1^9 + 2^1 + 13^2 + 17^0 + 19^2 = 19 + 21 + 132 + 170 + 192 & 534 := 2^4 + 2^5 + 12^2 + 18^1 + 18^2 = 24 + 25 + 122 + 181 + 182 \\
 534 := 1^9 + 2^1 + 8^3 + 18^1 + 23^0 = 19 + 21 + 83 + 181 + 230 & 534 := 2^4 + 2^9 + 4^1 + 17^0 + 27^0 = 24 + 29 + 41 + 170 + 270 \\
 534 := 1^9 + 3^1 + 8^3 + 17^1 + 23^0 = 19 + 31 + 83 + 171 + 230 & 534 := 2^4 + 2^9 + 4^1 + 18^0 + 26^0 = 24 + 29 + 41 + 180 + 260 \\
 534 := 1^9 + 4^1 + 8^3 + 16^1 + 23^0 = 19 + 41 + 83 + 161 + 230 & 534 := 2^4 + 2^9 + 4^1 + 19^0 + 25^0 = 24 + 29 + 41 + 190 + 250 \\
 534 := 1^9 + 5^1 + 8^3 + 15^1 + 23^0 = 19 + 51 + 83 + 151 + 230 & 534 := 2^4 + 2^9 + 4^1 + 20^0 + 24^0 = 24 + 29 + 41 + 200 + 240 \\
 534 := 1^9 + 6^1 + 8^3 + 14^1 + 23^0 = 19 + 61 + 83 + 141 + 230 & 534 := 2^4 + 2^9 + 4^1 + 21^0 + 23^0 = 24 + 29 + 41 + 210 + 230 \\
 534 := 1^9 + 6^2 + 11^0 + 12^1 + 22^2 = 19 + 62 + 110 + 121 + 222 & 534 := 2^4 + 2^9 + 4^1 + 22^0 + 22^0 = 24 + 29 + 41 + 220 + 220 \\
 534 := 1^9 + 7^0 + 12^1 + 14^2 + 18^2 = 19 + 70 + 121 + 142 + 182 & 534 := 2^4 + 3^5 + 4^4 + 18^1 + 25^0 = 24 + 35 + 44 + 181 + 250 \\
 534 := 1^9 + 7^1 + 8^3 + 13^1 + 23^0 = 19 + 71 + 83 + 131 + 230 & 534 := 2^4 + 3^5 + 9^2 + 13^2 + 25^1 = 24 + 35 + 92 + 132 + 251 \\
 534 := 1^9 + 8^1 + 8^3 + 12^1 + 23^0 = 19 + 81 + 83 + 121 + 230 & 534 := 2^5 + 4^3 + 5^3 + 17^2 + 24^1 = 25 + 43 + 53 + 172 + 241 \\
 534 := 1^9 + 8^3 + 10^1 + 10^1 + 23^0 = 19 + 83 + 101 + 101 + 230 & 534 := 2^5 + 4^3 + 6^3 + 14^2 + 26^1 = 25 + 43 + 63 + 142 + 261 \\
 534 := 1^9 + 8^3 + 9^1 + 11^1 + 23^0 = 19 + 83 + 91 + 111 + 230 & 534 := 2^5 + 4^4 + 10^2 + 11^2 + 25^1 = 25 + 44 + 102 + 112 + 251 \\
 534 := 1^9 + 9^0 + 11^1 + 11^2 + 20^2 = 19 + 90 + 111 + 112 + 202 & 534 := 2^6 + 3^1 + 3^4 + 19^2 + 25^1 = 26 + 31 + 34 + 192 + 251 \\
 534 := 1^9 + 9^2 + 10^1 + 11^0 + 21^2 = 19 + 92 + 101 + 110 + 212 & 534 := 2^6 + 3^3 + 10^2 + 18^2 + 19^1 = 26 + 33 + 102 + 182 + 191 \\
 534 := 2^0 + 2^0 + 8^3 + 19^1 + 22^0 = 20 + 20 + 83 + 191 + 220 & 534 := 2^6 + 3^3 + 13^2 + 16^2 + 18^1 = 26 + 33 + 132 + 162 + 181 \\
 534 := 2^0 + 3^0 + 8^3 + 19^1 + 21^0 = 20 + 30 + 83 + 191 + 210 & 534 := 2^6 + 3^4 + 10^1 + 18^1 + 19^2 = 26 + 34 + 101 + 181 + 192 \\
 534 := 2^0 + 4^0 + 8^3 + 19^1 + 20^0 = 20 + 40 + 83 + 191 + 200 & 534 := 2^6 + 3^4 + 11^1 + 17^1 + 19^2 = 26 + 34 + 111 + 171 + 192 \\
 534 := 2^0 + 5^0 + 8^3 + 19^0 + 19^1 = 20 + 50 + 83 + 190 + 191 & 534 := 2^6 + 3^4 + 12^1 + 16^1 + 19^2 = 26 + 34 + 121 + 161 + 192 \\
 534 := 2^0 + 6^0 + 8^3 + 18^0 + 19^1 = 20 + 60 + 83 + 180 + 191 & 534 := 2^6 + 3^4 + 13^1 + 15^1 + 19^2 = 26 + 34 + 131 + 151 + 192 \\
 534 := 2^0 + 7^0 + 8^3 + 17^0 + 19^1 = 20 + 70 + 83 + 170 + 191 & 534 := 2^6 + 3^4 + 14^1 + 14^1 + 19^2 = 26 + 34 + 141 + 141 + 192 \\
 534 := 2^0 + 8^0 + 8^3 + 16^0 + 19^1 = 20 + 80 + 83 + 160 + 191 & 534 := 2^6 + 3^4 + 4^1 + 19^2 + 24^1 = 26 + 34 + 41 + 192 + 241
 \end{array}$$

$534 := 2^6 + 3^4 + 5^1 + 19^2 + 23^1 = 26 + 34 + 51 + 192 + 231$	$534 := 2^8 + 4^3 + 14^2 + 15^0 + 17^1 = 28 + 43 + 142 + 150 + 171$
$534 := 2^6 + 3^4 + 6^1 + 19^2 + 22^1 = 26 + 34 + 61 + 192 + 221$	$534 := 2^8 + 4^4 + 10^1 + 11^1 + 25^0 = 28 + 44 + 101 + 111 + 250$
$534 := 2^6 + 3^4 + 7^1 + 19^2 + 21^1 = 26 + 34 + 71 + 192 + 211$	$534 := 2^8 + 4^4 + 5^1 + 16^1 + 25^0 = 28 + 44 + 51 + 161 + 250$
$534 := 2^6 + 3^4 + 8^1 + 19^2 + 20^1 = 26 + 34 + 81 + 192 + 201$	$534 := 2^8 + 4^4 + 6^1 + 15^1 + 25^0 = 28 + 44 + 61 + 151 + 250$
$534 := 2^6 + 3^4 + 8^2 + 18^2 + 21^0 = 26 + 34 + 82 + 182 + 210$	$534 := 2^8 + 4^4 + 7^1 + 14^1 + 25^0 = 28 + 44 + 71 + 141 + 250$
$534 := 2^6 + 3^4 + 9^1 + 19^1 + 19^2 = 26 + 34 + 91 + 191 + 192$	$534 := 2^8 + 4^4 + 8^1 + 13^1 + 25^0 = 28 + 44 + 81 + 131 + 250$
$534 := 2^6 + 5^3 + 10^2 + 15^2 + 20^1 = 26 + 53 + 102 + 152 + 201$	$534 := 2^8 + 4^4 + 9^1 + 12^1 + 25^0 = 28 + 44 + 91 + 121 + 250$
$534 := 2^6 + 6^3 + 6^3 + 11^1 + 27^1 = 26 + 63 + 63 + 111 + 271$	$534 := 2^8 + 5^1 + 9^2 + 13^2 + 23^1 = 28 + 51 + 92 + 132 + 231$
$534 := 2^6 + 6^3 + 6^3 + 12^1 + 26^1 = 26 + 63 + 63 + 121 + 261$	$534 := 2^8 + 5^3 + 8^1 + 12^2 + 25^0 = 28 + 53 + 81 + 122 + 250$
$534 := 2^6 + 6^3 + 6^3 + 13^1 + 25^1 = 26 + 63 + 63 + 131 + 251$	$534 := 2^8 + 6^1 + 9^2 + 13^2 + 22^1 = 28 + 61 + 92 + 132 + 221$
$534 := 2^6 + 6^3 + 6^3 + 14^1 + 24^1 = 26 + 63 + 63 + 141 + 241$	$534 := 2^8 + 6^2 + 6^3 + 13^0 + 25^1 = 28 + 62 + 63 + 130 + 251$
$534 := 2^6 + 6^3 + 6^3 + 15^1 + 23^1 = 26 + 63 + 63 + 151 + 231$	$534 := 2^8 + 6^3 + 7^2 + 12^1 + 25^0 = 28 + 63 + 72 + 121 + 250$
$534 := 2^6 + 6^3 + 6^3 + 16^1 + 22^1 = 26 + 63 + 63 + 161 + 221$	$534 := 2^8 + 7^1 + 9^2 + 13^2 + 21^1 = 28 + 71 + 92 + 132 + 211$
$534 := 2^6 + 6^3 + 6^3 + 17^1 + 21^1 = 26 + 63 + 63 + 171 + 211$	$534 := 2^8 + 8^1 + 9^2 + 13^2 + 20^1 = 28 + 81 + 92 + 132 + 201$
$534 := 2^6 + 6^3 + 6^3 + 18^1 + 20^1 = 26 + 63 + 63 + 181 + 201$	$534 := 2^8 + 9^1 + 9^2 + 13^2 + 19^1 = 28 + 91 + 92 + 132 + 191$
$534 := 2^6 + 6^3 + 6^3 + 19^1 + 19^1 = 26 + 63 + 63 + 191 + 191$	$534 := 2^8 + 9^2 + 10^1 + 13^2 + 18^1 = 28 + 92 + 101 + 132 + 181$
$534 := 2^7 + 10^2 + 11^2 + 13^2 + 16^1 = 27 + 102 + 112 + 132 + 161$	$534 := 2^8 + 9^2 + 11^1 + 13^2 + 17^1 = 28 + 92 + 111 + 132 + 171$
$534 := 2^7 + 3^2 + 11^2 + 16^2 + 20^1 = 27 + 32 + 112 + 162 + 201$	$534 := 2^8 + 9^2 + 12^1 + 13^2 + 16^1 = 28 + 92 + 121 + 132 + 161$
$534 := 2^7 + 4^2 + 9^2 + 17^2 + 20^1 = 27 + 42 + 92 + 172 + 201$	$534 := 2^8 + 9^2 + 13^1 + 13^2 + 15^1 = 28 + 92 + 131 + 132 + 151$
$534 := 2^7 + 5^2 + 6^2 + 18^2 + 21^1 = 27 + 52 + 62 + 182 + 211$	$534 := 2^8 + 9^2 + 13^2 + 14^1 + 14^1 = 28 + 92 + 132 + 141 + 141$
$534 := 2^7 + 5^2 + 7^3 + 11^1 + 27^1 = 27 + 52 + 73 + 111 + 271$	$534 := 3^0 + 3^0 + 8^3 + 19^1 + 20^0 = 30 + 30 + 83 + 191 + 200$
$534 := 2^7 + 5^2 + 7^3 + 12^1 + 26^1 = 27 + 52 + 73 + 121 + 261$	$534 := 3^0 + 4^0 + 8^3 + 19^0 + 19^1 = 30 + 40 + 83 + 190 + 191$
$534 := 2^7 + 5^2 + 7^3 + 13^1 + 25^1 = 27 + 52 + 73 + 131 + 251$	$534 := 3^0 + 5^0 + 8^3 + 18^0 + 19^1 = 30 + 50 + 83 + 180 + 191$
$534 := 2^7 + 5^2 + 7^3 + 14^1 + 24^1 = 27 + 52 + 73 + 141 + 241$	$534 := 3^0 + 6^0 + 8^3 + 17^0 + 19^1 = 30 + 60 + 83 + 170 + 191$
$534 := 2^7 + 5^2 + 7^3 + 15^1 + 23^1 = 27 + 52 + 73 + 151 + 231$	$534 := 3^0 + 7^0 + 8^3 + 16^0 + 19^1 = 30 + 70 + 83 + 160 + 191$
$534 := 2^7 + 5^2 + 7^3 + 16^1 + 22^1 = 27 + 52 + 73 + 161 + 221$	$534 := 3^0 + 8^0 + 8^3 + 15^0 + 19^1 = 30 + 80 + 83 + 150 + 191$
$534 := 2^7 + 5^2 + 7^3 + 17^1 + 21^1 = 27 + 52 + 73 + 171 + 211$	$534 := 3^0 + 8^3 + 10^0 + 13^0 + 19^1 = 30 + 83 + 100 + 130 + 191$
$534 := 2^7 + 5^2 + 7^3 + 18^1 + 20^1 = 27 + 52 + 73 + 181 + 201$	$534 := 3^0 + 8^3 + 11^0 + 12^0 + 19^1 = 30 + 83 + 110 + 120 + 191$
$534 := 2^7 + 5^2 + 7^3 + 19^1 + 19^1 = 27 + 52 + 73 + 191 + 191$	$534 := 3^0 + 8^3 + 9^0 + 14^0 + 19^1 = 30 + 83 + 90 + 140 + 191$
$534 := 2^7 + 7^2 + 12^2 + 14^2 + 17^1 = 27 + 72 + 122 + 142 + 171$	$534 := 3^3 + 3^5 + 3^5 + 20^1 + 23^0 = 33 + 35 + 35 + 201 + 230$
$534 := 2^7 + 7^2 + 7^2 + 17^2 + 19^1 = 27 + 72 + 72 + 172 + 191$	$534 := 4^0 + 4^0 + 8^3 + 18^0 + 19^1 = 40 + 40 + 83 + 180 + 191$
$534 := 2^7 + 8^2 + 10^2 + 15^2 + 17^1 = 27 + 82 + 102 + 152 + 171$	$534 := 4^0 + 5^0 + 8^3 + 17^0 + 19^1 = 40 + 50 + 83 + 170 + 191$
$534 := 2^8 + 3^1 + 4^4 + 18^1 + 25^0 = 28 + 31 + 44 + 181 + 250$	$534 := 4^0 + 6^0 + 8^3 + 16^0 + 19^1 = 40 + 60 + 83 + 160 + 191$
$534 := 2^8 + 3^1 + 9^2 + 13^2 + 25^1 = 28 + 31 + 92 + 132 + 251$	$534 := 4^0 + 7^0 + 8^3 + 15^0 + 19^1 = 40 + 70 + 83 + 150 + 191$
$534 := 2^8 + 3^3 + 7^0 + 15^2 + 25^1 = 28 + 33 + 70 + 152 + 251$	$534 := 4^0 + 8^0 + 8^3 + 14^0 + 19^1 = 40 + 80 + 83 + 140 + 191$
$534 := 2^8 + 4^1 + 4^4 + 17^1 + 25^0 = 28 + 41 + 44 + 171 + 250$	$534 := 4^0 + 8^3 + 10^0 + 12^0 + 19^1 = 40 + 83 + 100 + 120 + 191$
$534 := 2^8 + 4^1 + 9^2 + 13^2 + 24^1 = 28 + 41 + 92 + 132 + 241$	$534 := 4^0 + 8^3 + 11^0 + 11^0 + 19^1 = 40 + 83 + 110 + 110 + 191$
$534 := 2^8 + 4^2 + 6^2 + 15^2 + 25^0 = 28 + 42 + 62 + 152 + 250$	$534 := 4^0 + 8^3 + 9^0 + 13^0 + 19^1 = 40 + 83 + 90 + 130 + 191$

$$\begin{aligned}
 534 &:= 5^0 + 5^0 + 8^3 + 16^0 + 19^1 = 50 + 50 + 83 + 160 + 191 \\
 534 &:= 5^0 + 6^0 + 8^3 + 15^0 + 19^1 = 50 + 60 + 83 + 150 + 191 \\
 534 &:= 5^0 + 7^0 + 8^3 + 14^0 + 19^1 = 50 + 70 + 83 + 140 + 191 \\
 534 &:= 5^0 + 8^0 + 8^3 + 13^0 + 19^1 = 50 + 80 + 83 + 130 + 191 \\
 534 &:= 5^0 + 8^3 + 10^0 + 11^0 + 19^1 = 50 + 83 + 100 + 110 + 191 \\
 534 &:= 5^0 + 8^3 + 9^0 + 12^0 + 19^1 = 50 + 83 + 90 + 120 + 191 \\
 534 &:= 6^0 + 6^0 + 8^3 + 14^0 + 19^1 = 60 + 60 + 83 + 140 + 191 \\
 534 &:= 6^0 + 7^0 + 8^3 + 13^0 + 19^1 = 60 + 70 + 83 + 130 + 191 \\
 534 &:= 6^0 + 8^0 + 8^3 + 12^0 + 19^1 = 60 + 80 + 83 + 120 + 191
 \end{aligned}$$

$$\begin{aligned}
 534 &:= 6^0 + 8^3 + 10^0 + 10^0 + 19^1 = 60 + 83 + 100 + 100 + 191 \\
 534 &:= 6^0 + 8^3 + 9^0 + 11^0 + 19^1 = 60 + 83 + 90 + 110 + 191 \\
 534 &:= 7^0 + 7^0 + 8^3 + 12^0 + 19^1 = 70 + 70 + 83 + 120 + 191 \\
 534 &:= 7^0 + 8^0 + 8^3 + 11^0 + 19^1 = 70 + 80 + 83 + 110 + 191 \\
 534 &:= 7^0 + 8^3 + 9^0 + 10^0 + 19^1 = 70 + 83 + 90 + 100 + 191 \\
 534 &:= 8^0 + 8^0 + 8^3 + 10^0 + 19^1 = 80 + 80 + 83 + 100 + 191 \\
 534 &:= 8^0 + 8^3 + 9^0 + 9^0 + 19^1 = 80 + 83 + 90 + 90 + 191
 \end{aligned}$$

2.2.436 Number 535

$$\begin{aligned}
 535 &:= 15^2 + 17^2 + 21^1 = 152 + 172 + 211 \\
 535 &:= 5^2 + 22^2 + 26^1 = 52 + 222 + 261 \\
 535 &:= 1^0 + 15^2 + 17^2 + 20^1 = 10 + 152 + 172 + 201 \\
 535 &:= 1^0 + 5^2 + 22^2 + 25^1 = 10 + 52 + 222 + 251 \\
 535 &:= 1^1 + 2^2 + 23^2 + 27^0 = 11 + 22 + 232 + 270 \\
 535 &:= 1^1 + 7^2 + 22^2 + 23^0 = 11 + 72 + 222 + 230 \\
 535 &:= 1^1 + 8^3 + 21^1 + 23^0 = 11 + 83 + 211 + 230 \\
 535 &:= 1^2 + 4^1 + 23^2 + 25^0 = 12 + 41 + 232 + 250 \\
 535 &:= 1^5 + 2^9 + 21^1 + 28^0 = 15 + 29 + 211 + 280 \\
 535 &:= 2^1 + 8^3 + 20^1 + 23^0 = 21 + 83 + 201 + 230 \\
 535 &:= 3^1 + 8^3 + 19^1 + 23^0 = 31 + 83 + 191 + 230 \\
 535 &:= 4^1 + 13^2 + 17^0 + 19^2 = 41 + 132 + 170 + 192 \\
 535 &:= 4^1 + 8^3 + 18^1 + 23^0 = 41 + 83 + 181 + 230 \\
 535 &:= 5^1 + 8^3 + 17^1 + 23^0 = 51 + 83 + 171 + 230 \\
 535 &:= 6^1 + 8^3 + 16^1 + 23^0 = 61 + 83 + 161 + 230 \\
 535 &:= 6^2 + 11^0 + 14^1 + 22^2 = 62 + 110 + 141 + 222 \\
 535 &:= 7^0 + 14^1 + 14^2 + 18^2 = 70 + 141 + 142 + 182 \\
 535 &:= 7^1 + 8^3 + 15^1 + 23^0 = 71 + 83 + 151 + 230 \\
 535 &:= 8^1 + 8^3 + 14^1 + 23^0 = 81 + 83 + 141 + 230 \\
 535 &:= 8^3 + 10^1 + 12^1 + 23^0 = 83 + 101 + 121 + 230 \\
 535 &:= 8^3 + 11^1 + 11^1 + 23^0 = 83 + 111 + 111 + 230 \\
 535 &:= 8^3 + 9^1 + 13^1 + 23^0 = 83 + 91 + 131 + 230 \\
 535 &:= 9^0 + 11^2 + 13^1 + 20^2 = 90 + 112 + 131 + 202 \\
 535 &:= 9^2 + 11^0 + 12^1 + 21^2 = 92 + 110 + 121 + 212 \\
 535 &:= 1^0 + 1^0 + 15^2 + 17^2 + 19^1 = 10 + 10 + 152 + 172 + 191 \\
 535 &:= 1^0 + 1^0 + 5^2 + 22^2 + 24^1 = 10 + 10 + 52 + 222 + 241 \\
 535 &:= 1^0 + 1^1 + 8^3 + 20^1 + 23^0 = 10 + 11 + 83 + 201 + 230
 \end{aligned}$$

$$\begin{aligned}
 535 &:= 1^0 + 1^2 + 3^1 + 23^2 + 25^0 = 10 + 12 + 31 + 232 + 250 \\
 535 &:= 1^0 + 2^1 + 8^3 + 19^1 + 23^0 = 10 + 21 + 83 + 191 + 230 \\
 535 &:= 1^0 + 3^1 + 13^2 + 17^0 + 19^2 = 10 + 31 + 132 + 170 + 192 \\
 535 &:= 1^0 + 3^1 + 8^3 + 18^1 + 23^0 = 10 + 31 + 83 + 181 + 230 \\
 535 &:= 1^0 + 4^1 + 8^3 + 17^1 + 23^0 = 10 + 41 + 83 + 171 + 230 \\
 535 &:= 1^0 + 5^1 + 8^3 + 16^1 + 23^0 = 10 + 51 + 83 + 161 + 230 \\
 535 &:= 1^0 + 6^1 + 8^3 + 15^1 + 23^0 = 10 + 61 + 83 + 151 + 230 \\
 535 &:= 1^0 + 6^2 + 11^0 + 13^1 + 22^2 = 10 + 62 + 110 + 131 + 222 \\
 535 &:= 1^0 + 7^0 + 13^1 + 14^2 + 18^2 = 10 + 70 + 131 + 142 + 182 \\
 535 &:= 1^0 + 7^1 + 8^3 + 14^1 + 23^0 = 10 + 71 + 83 + 141 + 230 \\
 535 &:= 1^0 + 8^1 + 8^3 + 13^1 + 23^0 = 10 + 81 + 83 + 131 + 230 \\
 535 &:= 1^0 + 8^3 + 10^1 + 11^1 + 23^0 = 10 + 83 + 101 + 111 + 230 \\
 535 &:= 1^0 + 8^3 + 9^1 + 12^1 + 23^0 = 10 + 83 + 91 + 121 + 230 \\
 535 &:= 1^0 + 9^0 + 11^2 + 12^1 + 20^2 = 10 + 90 + 112 + 121 + 202 \\
 535 &:= 1^0 + 9^2 + 11^0 + 11^1 + 21^2 = 10 + 92 + 110 + 111 + 212 \\
 535 &:= 1^1 + 1^1 + 3^1 + 23^2 + 25^0 = 11 + 11 + 31 + 232 + 250 \\
 535 &:= 1^1 + 2^0 + 8^3 + 20^1 + 22^0 = 11 + 20 + 83 + 201 + 220 \\
 535 &:= 1^1 + 2^1 + 2^1 + 23^2 + 25^0 = 11 + 21 + 21 + 232 + 250 \\
 535 &:= 1^1 + 3^0 + 8^3 + 20^1 + 21^0 = 11 + 30 + 83 + 201 + 210 \\
 535 &:= 1^1 + 4^0 + 8^3 + 20^0 + 20^1 = 11 + 40 + 83 + 200 + 201 \\
 535 &:= 1^1 + 5^0 + 8^3 + 19^0 + 20^1 = 11 + 50 + 83 + 190 + 201 \\
 535 &:= 1^1 + 6^0 + 8^3 + 18^0 + 20^1 = 11 + 60 + 83 + 180 + 201 \\
 535 &:= 1^1 + 7^0 + 8^3 + 17^0 + 20^1 = 11 + 70 + 83 + 170 + 201 \\
 535 &:= 1^1 + 8^0 + 8^3 + 16^0 + 20^1 = 11 + 80 + 83 + 160 + 201 \\
 535 &:= 1^1 + 8^3 + 10^0 + 14^0 + 20^1 = 11 + 83 + 100 + 140 + 201 \\
 535 &:= 1^1 + 8^3 + 11^0 + 13^0 + 20^1 = 11 + 83 + 110 + 130 + 201 \\
 535 &:= 1^1 + 8^3 + 12^0 + 12^0 + 20^1 = 11 + 83 + 120 + 120 + 201
 \end{aligned}$$

$$\begin{aligned} 535 &:= 1^1 + 8^3 + 9^0 + 15^0 + 20^1 = 11 + 83 + 90 + 150 + 201 & 535 &:= 1^6 + 1^6 + 3^1 + 23^2 + 24^0 = 16 + 16 + 31 + 232 + 240 \\ 535 &:= 1^2 + 1^9 + 8^3 + 20^1 + 22^0 = 12 + 19 + 83 + 201 + 220 & 535 &:= 1^6 + 1^9 + 2^9 + 20^1 + 27^0 = 16 + 19 + 29 + 201 + 270 \\ 535 &:= 1^2 + 2^0 + 3^1 + 23^2 + 24^0 = 12 + 20 + 31 + 232 + 240 & 535 &:= 1^6 + 3^5 + 11^2 + 13^2 + 24^0 = 16 + 35 + 112 + 132 + 240 \\ 535 &:= 1^2 + 2^8 + 4^4 + 21^1 + 24^0 = 12 + 28 + 44 + 211 + 240 & 535 &:= 1^6 + 4^4 + 4^4 + 21^1 + 22^0 = 16 + 44 + 44 + 211 + 220 \\ 535 &:= 1^2 + 3^0 + 3^1 + 23^0 + 23^2 = 12 + 30 + 31 + 230 + 232 & 535 &:= 1^7 + 1^8 + 2^9 + 20^1 + 27^0 = 17 + 18 + 29 + 201 + 270 \\ 535 &:= 1^2 + 3^1 + 10^0 + 16^0 + 23^2 = 12 + 31 + 100 + 160 + 232 & 535 &:= 1^7 + 2^3 + 5^3 + 20^2 + 24^0 = 17 + 23 + 53 + 202 + 240 \\ 535 &:= 1^2 + 3^1 + 11^0 + 15^0 + 23^2 = 12 + 31 + 110 + 150 + 232 & 535 &:= 1^7 + 2^5 + 10^0 + 17^1 + 22^2 = 17 + 25 + 100 + 171 + 222 \\ 535 &:= 1^2 + 3^1 + 12^0 + 14^0 + 23^2 = 12 + 31 + 120 + 140 + 232 & 535 &:= 1^7 + 3^4 + 14^2 + 16^2 + 18^0 = 17 + 34 + 142 + 162 + 180 \\ 535 &:= 1^2 + 3^1 + 13^0 + 13^0 + 23^2 = 12 + 31 + 130 + 130 + 232 & 535 &:= 1^7 + 4^4 + 9^2 + 14^2 + 24^0 = 17 + 44 + 92 + 142 + 240 \\ 535 &:= 1^2 + 3^1 + 4^0 + 22^0 + 23^2 = 12 + 31 + 40 + 220 + 232 & 535 &:= 1^8 + 2^8 + 2^8 + 21^1 + 25^0 = 18 + 28 + 28 + 211 + 250 \\ 535 &:= 1^2 + 3^1 + 5^0 + 21^0 + 23^2 = 12 + 31 + 50 + 210 + 232 & 535 &:= 1^8 + 3^4 + 11^1 + 16^0 + 21^2 = 18 + 34 + 111 + 160 + 212 \\ 535 &:= 1^2 + 3^1 + 6^0 + 20^0 + 23^2 = 12 + 31 + 60 + 200 + 232 & 535 &:= 1^8 + 3^5 + 10^0 + 17^2 + 21^0 = 18 + 35 + 100 + 172 + 210 \\ 535 &:= 1^2 + 3^1 + 7^0 + 19^0 + 23^2 = 12 + 31 + 70 + 190 + 232 & 535 &:= 1^8 + 3^5 + 11^0 + 17^2 + 20^0 = 18 + 35 + 110 + 172 + 200 \\ 535 &:= 1^2 + 3^1 + 8^0 + 18^0 + 23^2 = 12 + 31 + 80 + 180 + 232 & 535 &:= 1^8 + 3^5 + 12^0 + 17^2 + 19^0 = 18 + 35 + 120 + 172 + 190 \\ 535 &:= 1^2 + 3^1 + 9^0 + 17^0 + 23^2 = 12 + 31 + 90 + 170 + 232 & 535 &:= 1^8 + 3^5 + 13^0 + 17^2 + 18^0 = 18 + 35 + 130 + 172 + 180 \\ 535 &:= 1^3 + 1^8 + 8^3 + 20^1 + 22^0 = 13 + 18 + 83 + 201 + 220 & 535 &:= 1^8 + 3^5 + 14^0 + 17^0 + 17^2 = 18 + 35 + 140 + 170 + 172 \\ 535 &:= 1^3 + 1^9 + 3^1 + 23^2 + 24^0 = 13 + 19 + 31 + 232 + 240 & 535 &:= 1^8 + 3^5 + 15^0 + 16^0 + 17^2 = 18 + 35 + 150 + 160 + 172 \\ 535 &:= 1^3 + 2^8 + 9^2 + 14^2 + 26^0 = 13 + 28 + 92 + 142 + 260 & 535 &:= 1^8 + 3^5 + 4^0 + 17^2 + 27^0 = 18 + 35 + 40 + 172 + 270 \\ 535 &:= 1^4 + 1^7 + 8^3 + 20^1 + 22^0 = 14 + 17 + 83 + 201 + 220 & 535 &:= 1^8 + 3^5 + 5^0 + 17^2 + 26^0 = 18 + 35 + 50 + 172 + 260 \\ 535 &:= 1^4 + 1^8 + 3^1 + 23^2 + 24^0 = 14 + 18 + 31 + 232 + 240 & 535 &:= 1^8 + 3^5 + 6^0 + 17^2 + 25^0 = 18 + 35 + 60 + 172 + 250 \\ 535 &:= 1^4 + 2^7 + 9^2 + 18^2 + 22^0 = 14 + 27 + 92 + 182 + 220 & 535 &:= 1^8 + 3^5 + 7^0 + 17^2 + 24^0 = 18 + 35 + 70 + 172 + 240 \\ 535 &:= 1^4 + 2^8 + 12^0 + 16^2 + 21^1 = 14 + 28 + 120 + 162 + 211 & 535 &:= 1^8 + 3^5 + 8^0 + 17^2 + 23^0 = 18 + 35 + 80 + 172 + 230 \\ 535 &:= 1^5 + 1^6 + 8^3 + 20^1 + 22^0 = 15 + 16 + 83 + 201 + 220 & 535 &:= 1^8 + 3^5 + 9^0 + 17^2 + 22^0 = 18 + 35 + 90 + 172 + 220 \\ 535 &:= 1^5 + 1^7 + 3^1 + 23^2 + 24^0 = 15 + 17 + 31 + 232 + 240 & 535 &:= 1^8 + 4^4 + 10^0 + 16^2 + 21^1 = 18 + 44 + 100 + 162 + 211 \\ 535 &:= 1^5 + 2^0 + 2^9 + 20^1 + 27^0 = 15 + 20 + 29 + 201 + 270 & 535 &:= 1^8 + 6^3 + 11^2 + 14^2 + 20^0 = 18 + 63 + 112 + 142 + 200 \\ 535 &:= 1^5 + 2^7 + 5^1 + 20^2 + 24^0 = 15 + 27 + 51 + 202 + 240 & 535 &:= 1^9 + 10^2 + 12^0 + 12^2 + 17^2 = 19 + 102 + 120 + 122 + 172 \\ 535 &:= 1^5 + 2^9 + 10^0 + 19^0 + 20^1 = 15 + 29 + 100 + 190 + 201 & 535 &:= 1^9 + 2^2 + 8^3 + 17^1 + 24^0 = 19 + 22 + 83 + 171 + 240 \\ 535 &:= 1^5 + 2^9 + 11^0 + 18^0 + 20^1 = 15 + 29 + 110 + 180 + 201 & 535 &:= 1^9 + 3^3 + 4^0 + 22^1 + 22^2 = 19 + 33 + 40 + 221 + 222 \\ 535 &:= 1^5 + 2^9 + 12^0 + 17^0 + 20^1 = 15 + 29 + 120 + 170 + 201 & 535 &:= 1^9 + 5^3 + 8^1 + 18^0 + 20^2 = 19 + 53 + 81 + 180 + 202 \\ 535 &:= 1^5 + 2^9 + 13^0 + 16^0 + 20^1 = 15 + 29 + 130 + 160 + 201 & 535 &:= 1^9 + 7^3 + 10^0 + 13^2 + 21^1 = 19 + 73 + 100 + 132 + 211 \\ 535 &:= 1^5 + 2^9 + 14^0 + 15^0 + 20^1 = 15 + 29 + 140 + 150 + 201 & 535 &:= 1^9 + 9^2 + 12^0 + 14^2 + 16^2 = 19 + 92 + 120 + 142 + 162 \\ 535 &:= 1^5 + 2^9 + 3^0 + 20^1 + 26^0 = 15 + 29 + 30 + 201 + 260 & 535 &:= 2^0 + 2^1 + 8^3 + 19^1 + 22^0 = 20 + 21 + 83 + 191 + 220 \\ 535 &:= 1^5 + 2^9 + 4^0 + 20^1 + 25^0 = 15 + 29 + 40 + 201 + 250 & 535 &:= 2^0 + 3^1 + 13^2 + 16^0 + 19^2 = 20 + 31 + 132 + 160 + 192 \\ 535 &:= 1^5 + 2^9 + 5^0 + 20^1 + 24^0 = 15 + 29 + 50 + 201 + 240 & 535 &:= 2^0 + 3^1 + 8^3 + 18^1 + 22^0 = 20 + 31 + 83 + 181 + 220 \\ 535 &:= 1^5 + 2^9 + 6^0 + 20^1 + 23^0 = 15 + 29 + 60 + 201 + 230 & 535 &:= 2^0 + 4^1 + 8^3 + 17^1 + 22^0 = 20 + 41 + 83 + 171 + 220 \\ 535 &:= 1^5 + 2^9 + 7^0 + 20^1 + 22^0 = 15 + 29 + 70 + 201 + 220 & 535 &:= 2^0 + 5^1 + 8^3 + 16^1 + 22^0 = 20 + 51 + 83 + 161 + 220 \\ 535 &:= 1^5 + 2^9 + 8^0 + 20^1 + 21^0 = 15 + 29 + 80 + 201 + 210 & 535 &:= 2^0 + 6^0 + 13^1 + 14^2 + 18^2 = 20 + 60 + 131 + 142 + 182 \\ 535 &:= 1^5 + 2^9 + 9^0 + 20^0 + 20^1 = 15 + 29 + 90 + 200 + 201 & 535 &:= 2^0 + 6^1 + 8^3 + 15^1 + 22^0 = 20 + 61 + 83 + 151 + 220 \end{aligned}$$

$$\begin{aligned} 535 &:= 2^0 + 6^2 + 10^0 + 13^1 + 22^2 = 20 + 62 + 100 + 131 + 222 \\ 535 &:= 2^0 + 7^1 + 8^3 + 14^1 + 22^0 = 20 + 71 + 83 + 141 + 220 \\ 535 &:= 2^0 + 8^0 + 11^2 + 12^1 + 20^2 = 20 + 80 + 112 + 121 + 202 \\ 535 &:= 2^0 + 8^1 + 8^3 + 13^1 + 22^0 = 20 + 81 + 83 + 131 + 220 \\ 535 &:= 2^0 + 8^3 + 10^1 + 11^1 + 22^0 = 20 + 83 + 101 + 111 + 220 \\ 535 &:= 2^0 + 8^3 + 9^1 + 12^1 + 22^0 = 20 + 83 + 91 + 121 + 220 \\ 535 &:= 2^0 + 9^2 + 10^0 + 11^1 + 21^2 = 20 + 92 + 100 + 111 + 212 \\ 535 &:= 2^1 + 3^0 + 8^3 + 19^1 + 21^0 = 21 + 30 + 83 + 191 + 210 \\ 535 &:= 2^1 + 4^0 + 8^3 + 19^1 + 20^0 = 21 + 40 + 83 + 191 + 200 \\ 535 &:= 2^1 + 5^0 + 8^3 + 19^0 + 19^1 = 21 + 50 + 83 + 190 + 191 \\ 535 &:= 2^1 + 6^0 + 8^3 + 18^0 + 19^1 = 21 + 60 + 83 + 180 + 191 \\ 535 &:= 2^1 + 7^0 + 8^3 + 17^0 + 19^1 = 21 + 70 + 83 + 170 + 191 \\ 535 &:= 2^1 + 8^0 + 8^3 + 16^0 + 19^1 = 21 + 80 + 83 + 160 + 191 \\ 535 &:= 2^1 + 8^3 + 10^0 + 14^0 + 19^1 = 21 + 83 + 100 + 140 + 191 \\ 535 &:= 2^1 + 8^3 + 11^0 + 13^0 + 19^1 = 21 + 83 + 110 + 130 + 191 \\ 535 &:= 2^1 + 8^3 + 12^0 + 12^0 + 19^1 = 21 + 83 + 120 + 120 + 191 \\ 535 &:= 2^1 + 8^3 + 9^0 + 15^0 + 19^1 = 21 + 83 + 90 + 150 + 191 \\ 535 &:= 2^2 + 2^8 + 4^4 + 18^1 + 26^0 = 22 + 28 + 44 + 181 + 260 \\ 535 &:= 2^4 + 2^8 + 6^1 + 16^2 + 26^0 = 24 + 28 + 61 + 162 + 260 \\ 535 &:= 2^5 + 2^7 + 13^1 + 16^0 + 19^2 = 25 + 27 + 131 + 160 + 192 \\ 535 &:= 2^6 + 2^6 + 6^1 + 20^2 + 22^0 = 26 + 26 + 61 + 202 + 220 \\ 535 &:= 2^7 + 3^4 + 10^2 + 15^2 + 22^0 = 27 + 34 + 102 + 152 + 220 \\ 535 &:= 2^7 + 3^4 + 6^2 + 17^2 + 24^0 = 27 + 34 + 62 + 172 + 240 \\ 535 &:= 2^7 + 3^5 + 12^2 + 16^0 + 19^1 = 27 + 35 + 122 + 160 + 191 \\ 535 &:= 2^7 + 4^4 + 5^3 + 16^0 + 25^1 = 27 + 44 + 53 + 160 + 251 \\ 535 &:= 2^8 + 3^5 + 10^1 + 12^0 + 25^1 = 28 + 35 + 101 + 120 + 251 \\ 535 &:= 2^8 + 3^5 + 11^1 + 12^0 + 24^1 = 28 + 35 + 111 + 120 + 241 \\ 535 &:= 2^8 + 3^5 + 12^0 + 12^1 + 23^1 = 28 + 35 + 120 + 121 + 231 \\ 535 &:= 2^8 + 3^5 + 12^0 + 13^1 + 22^1 = 28 + 35 + 120 + 131 + 221 \\ 535 &:= 2^8 + 3^5 + 12^0 + 14^1 + 21^1 = 28 + 35 + 120 + 141 + 211 \\ 535 &:= 2^8 + 3^5 + 12^0 + 15^1 + 20^1 = 28 + 35 + 120 + 151 + 201 \\ 535 &:= 2^8 + 3^5 + 12^0 + 16^1 + 19^1 = 28 + 35 + 120 + 161 + 191 \\ 535 &:= 2^8 + 3^5 + 12^0 + 17^1 + 18^1 = 28 + 35 + 120 + 171 + 181 \\ 535 &:= 2^8 + 3^5 + 8^1 + 12^0 + 27^1 = 28 + 35 + 81 + 120 + 271 \\ 535 &:= 2^8 + 3^5 + 9^1 + 12^0 + 26^1 = 28 + 35 + 91 + 120 + 261 \\ 535 &:= 3^0 + 3^1 + 13^2 + 15^0 + 19^2 = 30 + 31 + 132 + 150 + 192 \\ 535 &:= 3^0 + 3^1 + 8^3 + 18^1 + 21^0 = 30 + 31 + 83 + 181 + 210 \\ 535 &:= 3^0 + 4^1 + 8^3 + 17^1 + 21^0 = 30 + 41 + 83 + 171 + 210 \end{aligned}$$

$$\begin{aligned} 535 &:= 3^0 + 5^0 + 13^1 + 14^2 + 18^2 = 30 + 50 + 131 + 142 + 182 \\ 535 &:= 3^0 + 5^1 + 8^3 + 16^1 + 21^0 = 30 + 51 + 83 + 161 + 210 \\ 535 &:= 3^0 + 6^1 + 8^3 + 15^1 + 21^0 = 30 + 61 + 83 + 151 + 210 \\ 535 &:= 3^0 + 6^2 + 9^0 + 13^1 + 22^2 = 30 + 62 + 90 + 131 + 222 \\ 535 &:= 3^0 + 7^0 + 11^2 + 12^1 + 20^2 = 30 + 70 + 112 + 121 + 202 \\ 535 &:= 3^0 + 7^1 + 8^3 + 14^1 + 21^0 = 30 + 71 + 83 + 141 + 210 \\ 535 &:= 3^0 + 8^1 + 8^3 + 13^1 + 21^0 = 30 + 81 + 83 + 131 + 210 \\ 535 &:= 3^0 + 8^3 + 10^1 + 11^1 + 21^0 = 30 + 83 + 101 + 111 + 210 \\ 535 &:= 3^0 + 8^3 + 9^1 + 12^1 + 21^0 = 30 + 83 + 91 + 121 + 210 \\ 535 &:= 3^0 + 9^0 + 9^2 + 11^1 + 21^2 = 30 + 90 + 92 + 111 + 212 \\ 535 &:= 3^1 + 4^0 + 13^2 + 14^0 + 19^2 = 31 + 40 + 132 + 140 + 192 \\ 535 &:= 3^1 + 4^0 + 8^3 + 18^1 + 20^0 = 31 + 40 + 83 + 181 + 200 \\ 535 &:= 3^1 + 5^0 + 13^0 + 13^2 + 19^2 = 31 + 50 + 130 + 132 + 192 \\ 535 &:= 3^1 + 5^0 + 8^3 + 18^1 + 19^0 = 31 + 50 + 83 + 181 + 190 \\ 535 &:= 3^1 + 6^0 + 12^0 + 13^2 + 19^2 = 31 + 60 + 120 + 132 + 192 \\ 535 &:= 3^1 + 6^0 + 8^3 + 18^0 + 18^1 = 31 + 60 + 83 + 180 + 181 \\ 535 &:= 3^1 + 7^0 + 11^0 + 13^2 + 19^2 = 31 + 70 + 110 + 132 + 192 \\ 535 &:= 3^1 + 7^0 + 8^3 + 17^0 + 18^1 = 31 + 70 + 83 + 170 + 181 \\ 535 &:= 3^1 + 8^0 + 10^0 + 13^2 + 19^2 = 31 + 80 + 100 + 132 + 192 \\ 535 &:= 3^1 + 8^0 + 8^3 + 16^0 + 18^1 = 31 + 80 + 83 + 160 + 181 \\ 535 &:= 3^1 + 8^3 + 10^0 + 14^0 + 18^1 = 31 + 83 + 100 + 140 + 181 \\ 535 &:= 3^1 + 8^3 + 11^0 + 13^0 + 18^1 = 31 + 83 + 110 + 130 + 181 \\ 535 &:= 3^1 + 8^3 + 12^0 + 12^0 + 18^1 = 31 + 83 + 120 + 120 + 181 \\ 535 &:= 3^1 + 8^3 + 9^0 + 15^0 + 18^1 = 31 + 83 + 90 + 150 + 181 \\ 535 &:= 3^1 + 9^0 + 9^0 + 13^2 + 19^2 = 31 + 90 + 90 + 132 + 192 \\ 535 &:= 4^0 + 4^0 + 13^1 + 14^2 + 18^2 = 40 + 40 + 131 + 142 + 182 \\ 535 &:= 4^0 + 4^1 + 8^3 + 17^1 + 20^0 = 40 + 41 + 83 + 171 + 200 \\ 535 &:= 4^0 + 5^1 + 8^3 + 16^1 + 20^0 = 40 + 51 + 83 + 161 + 200 \\ 535 &:= 4^0 + 6^0 + 11^2 + 12^1 + 20^2 = 40 + 60 + 112 + 121 + 202 \\ 535 &:= 4^0 + 6^1 + 8^3 + 15^1 + 20^0 = 40 + 61 + 83 + 151 + 200 \\ 535 &:= 4^0 + 6^2 + 8^0 + 13^1 + 22^2 = 40 + 62 + 80 + 131 + 222 \\ 535 &:= 4^0 + 7^1 + 8^3 + 14^1 + 20^0 = 40 + 71 + 83 + 141 + 200 \\ 535 &:= 4^0 + 8^0 + 9^2 + 11^1 + 21^2 = 40 + 80 + 92 + 111 + 212 \\ 535 &:= 4^0 + 8^1 + 8^3 + 13^1 + 20^0 = 40 + 81 + 83 + 131 + 200 \\ 535 &:= 4^0 + 8^3 + 10^1 + 11^1 + 20^0 = 40 + 83 + 101 + 111 + 200 \\ 535 &:= 4^0 + 8^3 + 9^1 + 12^1 + 20^0 = 40 + 83 + 91 + 121 + 200 \\ 535 &:= 4^1 + 5^0 + 8^3 + 17^1 + 19^0 = 41 + 50 + 83 + 171 + 190 \\ 535 &:= 4^1 + 6^0 + 8^3 + 17^1 + 18^0 = 41 + 60 + 83 + 171 + 180 \end{aligned}$$

$535 := 4^1 + 7^0 + 8^3 + 17^0 + 17^1 = 41 + 70 + 83 + 170 + 171$	$535 := 6^1 + 8^0 + 8^3 + 15^1 + 16^0 = 61 + 80 + 83 + 151 + 160$
$535 := 4^1 + 8^0 + 8^3 + 16^0 + 17^1 = 41 + 80 + 83 + 160 + 171$	$535 := 6^1 + 8^3 + 10^0 + 14^0 + 15^1 = 61 + 83 + 100 + 140 + 151$
$535 := 4^1 + 8^3 + 10^0 + 14^0 + 17^1 = 41 + 83 + 100 + 140 + 171$	$535 := 6^1 + 8^3 + 11^0 + 13^0 + 15^1 = 61 + 83 + 110 + 130 + 151$
$535 := 4^1 + 8^3 + 11^0 + 13^0 + 17^1 = 41 + 83 + 110 + 130 + 171$	$535 := 6^1 + 8^3 + 12^0 + 12^0 + 15^1 = 61 + 83 + 120 + 120 + 151$
$535 := 4^1 + 8^3 + 12^0 + 12^0 + 17^1 = 41 + 83 + 120 + 120 + 171$	$535 := 6^1 + 8^3 + 9^0 + 15^0 + 15^1 = 61 + 83 + 90 + 150 + 151$
$535 := 4^1 + 8^3 + 9^0 + 15^0 + 17^1 = 41 + 83 + 90 + 150 + 171$	$535 := 7^0 + 7^1 + 8^3 + 14^1 + 17^0 = 70 + 71 + 83 + 141 + 170$
$535 := 5^0 + 5^0 + 11^2 + 12^1 + 20^2 = 50 + 50 + 112 + 121 + 202$	$535 := 7^0 + 8^1 + 8^3 + 13^1 + 17^0 = 70 + 81 + 83 + 131 + 170$
$535 := 5^0 + 5^1 + 8^3 + 16^1 + 19^0 = 50 + 51 + 83 + 161 + 190$	$535 := 7^0 + 8^3 + 10^1 + 11^1 + 17^0 = 70 + 83 + 101 + 111 + 170$
$535 := 5^0 + 6^1 + 8^3 + 15^1 + 19^0 = 50 + 61 + 83 + 151 + 190$	$535 := 7^0 + 8^3 + 9^1 + 12^1 + 17^0 = 70 + 83 + 91 + 121 + 170$
$535 := 5^0 + 6^2 + 7^0 + 13^1 + 22^2 = 50 + 62 + 70 + 131 + 222$	$535 := 7^1 + 8^0 + 8^3 + 14^1 + 16^0 = 71 + 80 + 83 + 141 + 160$
$535 := 5^0 + 7^0 + 9^2 + 11^1 + 21^2 = 50 + 70 + 92 + 111 + 212$	$535 := 7^1 + 8^3 + 10^0 + 14^0 + 14^1 = 71 + 83 + 100 + 140 + 141$
$535 := 5^0 + 7^1 + 8^3 + 14^1 + 19^0 = 50 + 71 + 83 + 141 + 190$	$535 := 7^1 + 8^3 + 11^0 + 13^0 + 14^1 = 71 + 83 + 110 + 130 + 141$
$535 := 5^0 + 8^1 + 8^3 + 13^1 + 19^0 = 50 + 81 + 83 + 131 + 190$	$535 := 7^1 + 8^3 + 12^0 + 12^0 + 14^1 = 71 + 83 + 120 + 120 + 141$
$535 := 5^0 + 8^3 + 10^1 + 11^1 + 19^0 = 50 + 83 + 101 + 111 + 190$	$535 := 7^1 + 8^3 + 9^0 + 14^1 + 15^0 = 71 + 83 + 90 + 141 + 150$
$535 := 5^0 + 8^3 + 9^1 + 12^1 + 19^0 = 50 + 83 + 91 + 121 + 190$	$535 := 8^0 + 8^1 + 8^3 + 13^1 + 16^0 = 80 + 81 + 83 + 131 + 160$
$535 := 5^1 + 6^0 + 8^3 + 16^1 + 18^0 = 51 + 60 + 83 + 161 + 180$	$535 := 8^0 + 8^3 + 10^1 + 11^1 + 16^0 = 80 + 83 + 101 + 111 + 160$
$535 := 5^1 + 7^0 + 8^3 + 16^1 + 17^0 = 51 + 70 + 83 + 161 + 170$	$535 := 8^0 + 8^3 + 9^1 + 12^1 + 16^0 = 80 + 83 + 91 + 121 + 160$
$535 := 5^1 + 8^0 + 8^3 + 16^0 + 16^1 = 51 + 80 + 83 + 160 + 161$	$535 := 8^1 + 8^3 + 10^0 + 13^1 + 14^0 = 81 + 83 + 100 + 131 + 140$
$535 := 5^1 + 8^3 + 10^0 + 14^0 + 16^1 = 51 + 83 + 100 + 140 + 161$	$535 := 8^1 + 8^3 + 11^0 + 13^0 + 13^1 = 81 + 83 + 110 + 130 + 131$
$535 := 5^1 + 8^3 + 11^0 + 13^0 + 16^1 = 51 + 83 + 110 + 130 + 161$	$535 := 8^1 + 8^3 + 12^0 + 12^0 + 13^1 = 81 + 83 + 120 + 120 + 131$
$535 := 5^1 + 8^3 + 12^0 + 12^0 + 16^1 = 51 + 83 + 120 + 120 + 161$	$535 := 8^1 + 8^3 + 9^0 + 13^1 + 15^0 = 81 + 83 + 90 + 131 + 150$
$535 := 5^1 + 8^3 + 9^0 + 15^0 + 16^1 = 51 + 83 + 90 + 150 + 161$	$535 := 8^3 + 10^0 + 10^1 + 11^1 + 14^0 = 83 + 100 + 101 + 111 + 140$
$535 := 6^0 + 6^0 + 6^2 + 13^1 + 22^2 = 60 + 60 + 62 + 131 + 222$	$535 := 8^3 + 10^1 + 11^0 + 11^1 + 13^0 = 83 + 101 + 110 + 111 + 130$
$535 := 6^0 + 6^0 + 9^2 + 11^1 + 21^2 = 60 + 60 + 92 + 111 + 212$	$535 := 8^3 + 10^1 + 11^1 + 12^0 + 12^0 = 83 + 101 + 111 + 120 + 120$
$535 := 6^0 + 6^1 + 8^3 + 15^1 + 18^0 = 60 + 61 + 83 + 151 + 180$	$535 := 8^3 + 9^0 + 10^1 + 11^1 + 15^0 = 83 + 90 + 101 + 111 + 150$
$535 := 6^0 + 7^1 + 8^3 + 14^1 + 18^0 = 60 + 71 + 83 + 141 + 180$	$535 := 8^3 + 9^0 + 9^1 + 12^1 + 15^0 = 83 + 90 + 91 + 121 + 150$
$535 := 6^0 + 8^1 + 8^3 + 13^1 + 18^0 = 60 + 81 + 83 + 131 + 180$	$535 := 8^3 + 9^1 + 10^0 + 12^1 + 14^0 = 83 + 91 + 100 + 121 + 140$
$535 := 6^0 + 8^3 + 10^1 + 11^1 + 18^0 = 60 + 83 + 101 + 111 + 180$	$535 := 8^3 + 9^1 + 11^0 + 12^1 + 13^0 = 83 + 91 + 110 + 121 + 130$
$535 := 6^0 + 8^3 + 9^1 + 12^1 + 18^0 = 60 + 83 + 91 + 121 + 180$	$535 := 8^3 + 9^1 + 12^0 + 12^0 + 12^1 = 83 + 91 + 120 + 120 + 121$
$535 := 6^1 + 7^0 + 8^3 + 15^1 + 17^0 = 61 + 70 + 83 + 151 + 170$	

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$536 := 1^2 + 8^3 + 22^0 + 22^1 = 12 + 83 + 220 + 221$	$536 := 3^2 + 8^3 + 14^1 + 28^0 = 32 + 83 + 141 + 280$
$536 := 1^3 + 5^1 + 23^2 + 24^0 = 13 + 51 + 232 + 240$	$536 := 3^3 + 4^0 + 22^2 + 24^1 = 33 + 40 + 222 + 241$
$536 := 1^6 + 2^9 + 22^1 + 27^0 = 16 + 29 + 221 + 270$	$536 := 4^2 + 7^1 + 8^3 + 34^0 = 42 + 71 + 83 + 340$
$536 := 2^2 + 8^3 + 19^1 + 24^0 = 22 + 83 + 191 + 240$	$536 := 5^3 + 10^1 + 18^0 + 20^2 = 53 + 101 + 180 + 202$
$536 := 2^6 + 2^7 + 7^3 + 41^0 = 26 + 27 + 73 + 410$	$536 := 7^3 + 10^0 + 13^2 + 23^1 = 73 + 100 + 132 + 231$

$$\begin{aligned} 536 &:= 1^0 + 1^2 + 2^2 + 23^2 + 26^0 = 10 + 12 + 22 + 232 + 260 \\ 536 &:= 1^0 + 1^2 + 7^2 + 22^0 + 22^2 = 10 + 12 + 72 + 220 + 222 \\ 536 &:= 1^0 + 1^2 + 8^3 + 21^1 + 22^0 = 10 + 12 + 83 + 211 + 220 \\ 536 &:= 1^0 + 1^3 + 4^1 + 23^2 + 24^0 = 10 + 13 + 41 + 232 + 240 \\ 536 &:= 1^0 + 1^6 + 2^9 + 21^1 + 27^0 = 10 + 16 + 29 + 211 + 270 \\ 536 &:= 1^0 + 12^0 + 13^2 + 13^2 + 14^2 = 10 + 120 + 132 + 132 + 142 \\ 536 &:= 1^0 + 2^2 + 13^2 + 18^0 + 19^2 = 10 + 22 + 132 + 180 + 192 \\ 536 &:= 1^0 + 2^2 + 8^3 + 18^1 + 24^0 = 10 + 22 + 83 + 181 + 240 \\ 536 &:= 1^0 + 3^3 + 4^0 + 22^2 + 23^1 = 10 + 33 + 40 + 222 + 231 \\ 536 &:= 1^0 + 5^2 + 5^2 + 20^0 + 22^2 = 10 + 52 + 52 + 200 + 222 \\ 536 &:= 1^0 + 5^3 + 9^1 + 18^0 + 20^2 = 10 + 53 + 91 + 180 + 202 \\ 536 &:= 1^0 + 7^2 + 14^0 + 14^2 + 17^2 = 10 + 72 + 140 + 142 + 172 \\ 536 &:= 1^0 + 7^3 + 10^0 + 13^2 + 22^1 = 10 + 73 + 100 + 132 + 221 \\ 536 &:= 1^1 + 1^1 + 2^2 + 23^2 + 26^0 = 11 + 11 + 22 + 232 + 260 \\ 536 &:= 1^1 + 1^1 + 7^2 + 22^0 + 22^2 = 11 + 11 + 72 + 220 + 222 \\ 536 &:= 1^1 + 1^1 + 8^3 + 21^1 + 22^0 = 11 + 11 + 83 + 211 + 220 \\ 536 &:= 1^1 + 1^2 + 4^1 + 23^2 + 24^0 = 11 + 12 + 41 + 232 + 240 \\ 536 &:= 1^1 + 1^5 + 2^9 + 21^1 + 27^0 = 11 + 15 + 29 + 211 + 270 \\ 536 &:= 1^1 + 2^1 + 8^3 + 20^1 + 22^0 = 11 + 21 + 83 + 201 + 220 \\ 536 &:= 1^1 + 3^1 + 8^3 + 19^1 + 22^0 = 11 + 31 + 83 + 191 + 220 \\ 536 &:= 1^1 + 4^1 + 13^2 + 16^0 + 19^2 = 11 + 41 + 132 + 160 + 192 \\ 536 &:= 1^1 + 4^1 + 8^3 + 18^1 + 22^0 = 11 + 41 + 83 + 181 + 220 \\ 536 &:= 1^1 + 5^1 + 8^3 + 17^1 + 22^0 = 11 + 51 + 83 + 171 + 220 \\ 536 &:= 1^1 + 6^0 + 14^1 + 14^2 + 18^2 = 11 + 60 + 141 + 142 + 182 \\ 536 &:= 1^1 + 6^1 + 8^3 + 16^1 + 22^0 = 11 + 61 + 83 + 161 + 220 \\ 536 &:= 1^1 + 6^2 + 10^0 + 14^1 + 22^2 = 11 + 62 + 100 + 141 + 222 \\ 536 &:= 1^1 + 7^1 + 8^3 + 15^1 + 22^0 = 11 + 71 + 83 + 151 + 220 \\ 536 &:= 1^1 + 8^0 + 11^2 + 13^1 + 20^2 = 11 + 80 + 112 + 131 + 202 \\ 536 &:= 1^1 + 8^1 + 8^3 + 14^1 + 22^0 = 11 + 81 + 83 + 141 + 220 \\ 536 &:= 1^1 + 8^3 + 10^1 + 12^1 + 22^0 = 11 + 83 + 101 + 121 + 220 \\ 536 &:= 1^1 + 8^3 + 11^1 + 11^1 + 22^0 = 11 + 83 + 111 + 111 + 220 \\ 536 &:= 1^1 + 8^3 + 9^1 + 13^1 + 22^0 = 11 + 83 + 91 + 131 + 220 \\ 536 &:= 1^1 + 9^2 + 10^0 + 12^1 + 21^2 = 11 + 92 + 100 + 121 + 212 \\ 536 &:= 1^2 + 1^4 + 2^9 + 21^1 + 27^0 = 12 + 14 + 29 + 211 + 270 \\ 536 &:= 1^2 + 2^0 + 2^2 + 23^2 + 25^0 = 12 + 20 + 22 + 232 + 250 \\ 536 &:= 1^2 + 2^0 + 7^2 + 21^0 + 22^2 = 12 + 20 + 72 + 210 + 222 \\ 536 &:= 1^2 + 2^0 + 8^3 + 21^0 + 21^1 = 12 + 20 + 83 + 210 + 211 \\ 536 &:= 1^2 + 2^1 + 3^1 + 23^2 + 24^0 = 12 + 21 + 31 + 232 + 240 \end{aligned}$$

$$\begin{aligned} 536 &:= 1^2 + 2^2 + 10^0 + 17^0 + 23^2 = 12 + 22 + 100 + 170 + 232 \\ 536 &:= 1^2 + 2^2 + 11^0 + 16^0 + 23^2 = 12 + 22 + 110 + 160 + 232 \\ 536 &:= 1^2 + 2^2 + 12^0 + 15^0 + 23^2 = 12 + 22 + 120 + 150 + 232 \\ 536 &:= 1^2 + 2^2 + 13^0 + 14^0 + 23^2 = 12 + 22 + 130 + 140 + 232 \\ 536 &:= 1^2 + 2^2 + 3^0 + 23^2 + 24^0 = 12 + 22 + 30 + 232 + 240 \\ 536 &:= 1^2 + 2^2 + 4^0 + 23^0 + 23^2 = 12 + 22 + 40 + 230 + 232 \\ 536 &:= 1^2 + 2^2 + 5^0 + 22^0 + 23^2 = 12 + 22 + 50 + 220 + 232 \\ 536 &:= 1^2 + 2^2 + 6^0 + 21^0 + 23^2 = 12 + 22 + 60 + 210 + 232 \\ 536 &:= 1^2 + 2^2 + 7^0 + 20^0 + 23^2 = 12 + 22 + 70 + 200 + 232 \\ 536 &:= 1^2 + 2^2 + 8^0 + 19^0 + 23^2 = 12 + 22 + 80 + 190 + 232 \\ 536 &:= 1^2 + 2^2 + 9^0 + 18^0 + 23^2 = 12 + 22 + 90 + 180 + 232 \\ 536 &:= 1^2 + 3^0 + 7^2 + 20^0 + 22^2 = 12 + 30 + 72 + 200 + 222 \\ 536 &:= 1^2 + 3^0 + 8^3 + 20^0 + 21^1 = 12 + 30 + 83 + 200 + 211 \\ 536 &:= 1^2 + 4^0 + 7^2 + 19^0 + 22^2 = 12 + 40 + 72 + 190 + 222 \\ 536 &:= 1^2 + 4^0 + 8^3 + 19^0 + 21^1 = 12 + 40 + 83 + 190 + 211 \\ 536 &:= 1^2 + 5^0 + 7^2 + 18^0 + 22^2 = 12 + 50 + 72 + 180 + 222 \\ 536 &:= 1^2 + 5^0 + 8^3 + 18^0 + 21^1 = 12 + 50 + 83 + 180 + 211 \\ 536 &:= 1^2 + 6^0 + 7^2 + 17^0 + 22^2 = 12 + 60 + 72 + 170 + 222 \\ 536 &:= 1^2 + 6^0 + 8^3 + 17^0 + 21^1 = 12 + 60 + 83 + 170 + 211 \\ 536 &:= 1^2 + 7^0 + 7^2 + 16^0 + 22^2 = 12 + 70 + 72 + 160 + 222 \\ 536 &:= 1^2 + 7^0 + 8^3 + 16^0 + 21^1 = 12 + 70 + 83 + 160 + 211 \\ 536 &:= 1^2 + 7^2 + 10^0 + 13^0 + 22^2 = 12 + 72 + 100 + 130 + 222 \\ 536 &:= 1^2 + 7^2 + 11^0 + 12^0 + 22^2 = 12 + 72 + 110 + 120 + 222 \\ 536 &:= 1^2 + 7^2 + 8^0 + 15^0 + 22^2 = 12 + 72 + 80 + 150 + 222 \\ 536 &:= 1^2 + 7^2 + 9^0 + 14^0 + 22^2 = 12 + 72 + 90 + 140 + 222 \\ 536 &:= 1^2 + 8^0 + 8^3 + 15^0 + 21^1 = 12 + 80 + 83 + 150 + 211 \\ 536 &:= 1^2 + 8^3 + 10^0 + 13^0 + 21^1 = 12 + 83 + 100 + 130 + 211 \\ 536 &:= 1^2 + 8^3 + 11^0 + 12^0 + 21^1 = 12 + 83 + 110 + 120 + 211 \\ 536 &:= 1^2 + 8^3 + 9^0 + 14^0 + 21^1 = 12 + 83 + 90 + 140 + 211 \\ 536 &:= 1^3 + 1^3 + 2^9 + 21^1 + 27^0 = 13 + 13 + 29 + 211 + 270 \\ 536 &:= 1^3 + 1^9 + 2^2 + 23^2 + 25^0 = 13 + 19 + 22 + 232 + 250 \\ 536 &:= 1^3 + 1^9 + 7^2 + 21^0 + 22^2 = 13 + 19 + 72 + 210 + 222 \\ 536 &:= 1^3 + 1^9 + 8^3 + 21^0 + 21^1 = 13 + 19 + 83 + 210 + 211 \\ 536 &:= 1^3 + 2^0 + 4^1 + 23^0 + 23^2 = 13 + 20 + 41 + 230 + 232 \\ 536 &:= 1^3 + 2^8 + 4^4 + 22^1 + 23^0 = 13 + 28 + 44 + 221 + 230 \\ 536 &:= 1^3 + 3^0 + 4^1 + 22^0 + 23^2 = 13 + 30 + 41 + 220 + 232 \\ 536 &:= 1^3 + 4^0 + 4^1 + 21^0 + 23^2 = 13 + 40 + 41 + 210 + 232 \\ 536 &:= 1^3 + 4^1 + 10^0 + 15^0 + 23^2 = 13 + 41 + 100 + 150 + 232 \end{aligned}$$

$$\begin{aligned} 536 &:= 1^3 + 4^1 + 11^0 + 14^0 + 23^2 = 13 + 41 + 110 + 140 + 232 & 536 &:= 1^6 + 2^9 + 12^0 + 16^0 + 21^1 = 16 + 29 + 120 + 160 + 211 \\ 536 &:= 1^3 + 4^1 + 12^0 + 13^0 + 23^2 = 13 + 41 + 120 + 130 + 232 & 536 &:= 1^6 + 2^9 + 13^0 + 15^0 + 21^1 = 16 + 29 + 130 + 150 + 211 \\ 536 &:= 1^3 + 4^1 + 5^0 + 20^0 + 23^2 = 13 + 41 + 50 + 200 + 232 & 536 &:= 1^6 + 2^9 + 14^0 + 14^0 + 21^1 = 16 + 29 + 140 + 140 + 211 \\ 536 &:= 1^3 + 4^1 + 6^0 + 19^0 + 23^2 = 13 + 41 + 60 + 190 + 232 & 536 &:= 1^6 + 2^9 + 3^0 + 21^1 + 25^0 = 16 + 29 + 30 + 211 + 250 \\ 536 &:= 1^3 + 4^1 + 7^0 + 18^0 + 23^2 = 13 + 41 + 70 + 180 + 232 & 536 &:= 1^6 + 2^9 + 4^0 + 21^1 + 24^0 = 16 + 29 + 40 + 211 + 240 \\ 536 &:= 1^3 + 4^1 + 8^0 + 17^0 + 23^2 = 13 + 41 + 80 + 170 + 232 & 536 &:= 1^6 + 2^9 + 5^0 + 21^1 + 23^0 = 16 + 29 + 50 + 211 + 230 \\ 536 &:= 1^3 + 4^1 + 9^0 + 16^0 + 23^2 = 13 + 41 + 90 + 160 + 232 & 536 &:= 1^6 + 2^9 + 6^0 + 21^1 + 22^0 = 16 + 29 + 60 + 211 + 220 \\ 536 &:= 1^4 + 1^8 + 2^2 + 23^2 + 25^0 = 14 + 18 + 22 + 232 + 250 & 536 &:= 1^6 + 2^9 + 7^0 + 21^0 + 21^1 = 16 + 29 + 70 + 210 + 211 \\ 536 &:= 1^4 + 1^8 + 7^2 + 21^0 + 22^2 = 14 + 18 + 72 + 210 + 222 & 536 &:= 1^6 + 2^9 + 8^0 + 20^0 + 21^1 = 16 + 29 + 80 + 200 + 211 \\ 536 &:= 1^4 + 1^8 + 8^3 + 21^0 + 21^1 = 14 + 18 + 83 + 210 + 211 & 536 &:= 1^6 + 2^9 + 9^0 + 19^0 + 21^1 = 16 + 29 + 90 + 190 + 211 \\ 536 &:= 1^4 + 1^9 + 4^1 + 23^0 + 23^2 = 14 + 19 + 41 + 230 + 232 & 536 &:= 1^7 + 1^9 + 2^9 + 21^1 + 26^0 = 17 + 19 + 29 + 211 + 260 \\ 536 &:= 1^5 + 1^7 + 2^2 + 23^2 + 25^0 = 15 + 17 + 22 + 232 + 250 & 536 &:= 1^7 + 2^4 + 10^2 + 19^1 + 20^2 = 17 + 24 + 102 + 191 + 202 \\ 536 &:= 1^5 + 1^7 + 7^2 + 21^0 + 22^2 = 15 + 17 + 72 + 210 + 222 & 536 &:= 1^7 + 4^4 + 4^4 + 21^0 + 22^1 = 17 + 44 + 44 + 210 + 221 \\ 536 &:= 1^5 + 1^7 + 8^3 + 21^0 + 21^1 = 15 + 17 + 83 + 210 + 211 & 536 &:= 1^8 + 1^8 + 2^9 + 21^1 + 26^0 = 18 + 18 + 29 + 211 + 260 \\ 536 &:= 1^5 + 1^8 + 4^1 + 23^0 + 23^2 = 15 + 18 + 41 + 230 + 232 & 536 &:= 1^8 + 2^2 + 6^3 + 17^2 + 26^1 = 18 + 22 + 63 + 172 + 261 \\ 536 &:= 1^5 + 2^1 + 2^9 + 20^1 + 27^0 = 15 + 21 + 29 + 201 + 270 & 536 &:= 1^8 + 2^5 + 9^0 + 18^1 + 22^2 = 18 + 25 + 90 + 181 + 222 \\ 536 &:= 1^5 + 2^2 + 2^6 + 21^2 + 26^1 = 15 + 22 + 26 + 212 + 261 & 536 &:= 1^8 + 5^3 + 14^2 + 14^2 + 18^1 = 18 + 53 + 142 + 142 + 181 \\ 536 &:= 1^5 + 2^6 + 14^2 + 16^2 + 19^1 = 15 + 26 + 142 + 162 + 191 & 536 &:= 1^9 + 2^2 + 15^2 + 17^1 + 17^2 = 19 + 22 + 152 + 171 + 172 \\ 536 &:= 1^5 + 2^6 + 7^2 + 20^2 + 22^1 = 15 + 26 + 72 + 202 + 221 & 536 &:= 1^9 + 2^2 + 5^2 + 22^1 + 22^2 = 19 + 22 + 52 + 221 + 222 \\ 536 &:= 1^5 + 2^8 + 11^0 + 16^2 + 22^1 = 15 + 28 + 110 + 162 + 221 & 536 &:= 1^9 + 2^3 + 8^3 + 14^1 + 27^0 = 19 + 23 + 83 + 141 + 270 \\ 536 &:= 1^5 + 2^9 + 10^1 + 12^1 + 27^0 = 15 + 29 + 101 + 121 + 270 & 536 &:= 1^9 + 2^8 + 2^8 + 22^1 + 24^0 = 19 + 28 + 28 + 221 + 240 \\ 536 &:= 1^5 + 2^9 + 11^1 + 11^1 + 27^0 = 15 + 29 + 111 + 111 + 270 & 536 &:= 1^9 + 3^2 + 5^3 + 20^2 + 23^0 = 19 + 32 + 53 + 202 + 230 \\ 536 &:= 1^5 + 2^9 + 3^1 + 19^1 + 27^0 = 15 + 29 + 31 + 191 + 270 & 536 &:= 1^9 + 3^4 + 12^1 + 15^0 + 21^2 = 19 + 34 + 121 + 150 + 212 \\ 536 &:= 1^5 + 2^9 + 4^1 + 18^1 + 27^0 = 15 + 29 + 41 + 181 + 270 & 536 &:= 1^9 + 4^4 + 9^0 + 16^2 + 22^1 = 19 + 44 + 90 + 162 + 221 \\ 536 &:= 1^5 + 2^9 + 5^1 + 17^1 + 27^0 = 15 + 29 + 51 + 171 + 270 & 536 &:= 1^9 + 6^2 + 14^1 + 14^2 + 17^2 = 19 + 62 + 141 + 142 + 172 \\ 536 &:= 1^5 + 2^9 + 6^1 + 16^1 + 27^0 = 15 + 29 + 61 + 161 + 270 & 536 &:= 1^9 + 8^2 + 13^1 + 13^2 + 17^2 = 19 + 82 + 131 + 132 + 172 \\ 536 &:= 1^5 + 2^9 + 7^1 + 15^1 + 27^0 = 15 + 29 + 71 + 151 + 270 & 536 &:= 2^0 + 11^0 + 13^2 + 13^2 + 14^2 = 20 + 110 + 132 + 132 + 142 \\ 536 &:= 1^5 + 2^9 + 8^1 + 14^1 + 27^0 = 15 + 29 + 81 + 141 + 270 & 536 &:= 2^0 + 2^2 + 13^2 + 17^0 + 19^2 = 20 + 22 + 132 + 170 + 192 \\ 536 &:= 1^5 + 2^9 + 9^1 + 13^1 + 27^0 = 15 + 29 + 91 + 131 + 270 & 536 &:= 2^0 + 2^2 + 8^3 + 18^1 + 23^0 = 20 + 22 + 83 + 181 + 230 \\ 536 &:= 1^6 + 1^6 + 2^2 + 23^2 + 25^0 = 16 + 16 + 22 + 232 + 250 & 536 &:= 2^0 + 3^0 + 3^3 + 22^2 + 23^1 = 20 + 30 + 33 + 222 + 231 \\ 536 &:= 1^6 + 1^6 + 7^2 + 21^0 + 22^2 = 16 + 16 + 72 + 210 + 222 & 536 &:= 2^0 + 3^2 + 8^3 + 13^1 + 27^0 = 20 + 32 + 83 + 131 + 270 \\ 536 &:= 1^6 + 1^6 + 8^3 + 21^0 + 21^1 = 16 + 16 + 83 + 210 + 211 & 536 &:= 2^0 + 5^2 + 5^2 + 19^0 + 22^2 = 20 + 52 + 52 + 190 + 222 \\ 536 &:= 1^6 + 1^7 + 4^1 + 23^0 + 23^2 = 16 + 17 + 41 + 230 + 232 & 536 &:= 2^0 + 5^3 + 9^1 + 17^0 + 20^2 = 20 + 53 + 91 + 170 + 202 \\ 536 &:= 1^6 + 2^0 + 2^9 + 21^1 + 26^0 = 16 + 20 + 29 + 211 + 260 & 536 &:= 2^0 + 7^2 + 13^0 + 14^2 + 17^2 = 20 + 72 + 130 + 142 + 172 \\ 536 &:= 1^6 + 2^5 + 14^2 + 17^2 + 18^1 = 16 + 25 + 142 + 172 + 181 & 536 &:= 2^0 + 7^3 + 9^0 + 13^2 + 22^1 = 20 + 73 + 90 + 132 + 221 \\ 536 &:= 1^6 + 2^7 + 6^1 + 20^2 + 23^0 = 16 + 27 + 61 + 202 + 230 & 536 &:= 2^1 + 2^1 + 8^3 + 19^1 + 22^0 = 21 + 21 + 83 + 191 + 220 \\ 536 &:= 1^6 + 2^9 + 10^0 + 18^0 + 21^1 = 16 + 29 + 100 + 180 + 211 & 536 &:= 2^1 + 3^1 + 13^2 + 16^0 + 19^2 = 21 + 31 + 132 + 160 + 192 \\ 536 &:= 1^6 + 2^9 + 11^0 + 17^0 + 21^1 = 16 + 29 + 110 + 170 + 211 & 536 &:= 2^1 + 3^1 + 8^3 + 18^1 + 22^0 = 21 + 31 + 83 + 181 + 220 \end{aligned}$$

$$\begin{aligned} 536 &:= 2^1 + 4^1 + 8^3 + 17^1 + 22^0 = 21 + 41 + 83 + 171 + 220 & 536 &:= 2^8 + 3^5 + 4^2 + 20^1 + 23^0 = 28 + 35 + 42 + 201 + 230 \\ 536 &:= 2^1 + 5^1 + 8^3 + 16^1 + 22^0 = 21 + 51 + 83 + 161 + 220 & 536 &:= 3^0 + 10^0 + 13^2 + 13^2 + 14^2 = 30 + 100 + 132 + 132 + 142 \\ 536 &:= 2^1 + 6^0 + 13^1 + 14^2 + 18^2 = 21 + 60 + 131 + 142 + 182 & 536 &:= 3^0 + 3^2 + 8^3 + 13^1 + 26^0 = 30 + 32 + 83 + 131 + 260 \\ 536 &:= 2^1 + 6^1 + 8^3 + 15^1 + 22^0 = 21 + 61 + 83 + 151 + 220 & 536 &:= 3^0 + 5^2 + 5^2 + 18^0 + 22^2 = 30 + 52 + 52 + 180 + 222 \\ 536 &:= 2^1 + 6^2 + 10^0 + 13^1 + 22^2 = 21 + 62 + 100 + 131 + 222 & 536 &:= 3^0 + 5^3 + 9^1 + 16^0 + 20^2 = 30 + 53 + 91 + 160 + 202 \\ 536 &:= 2^1 + 7^1 + 8^3 + 14^1 + 22^0 = 21 + 71 + 83 + 141 + 220 & 536 &:= 3^0 + 7^2 + 12^0 + 14^2 + 17^2 = 30 + 72 + 120 + 142 + 172 \\ 536 &:= 2^1 + 8^0 + 11^2 + 12^1 + 20^2 = 21 + 80 + 112 + 121 + 202 & 536 &:= 3^0 + 7^3 + 8^0 + 13^2 + 22^1 = 30 + 73 + 80 + 132 + 221 \\ 536 &:= 2^1 + 8^1 + 8^3 + 13^1 + 22^0 = 21 + 81 + 83 + 131 + 220 & 536 &:= 3^1 + 3^1 + 8^3 + 17^1 + 22^0 = 31 + 31 + 83 + 171 + 220 \\ 536 &:= 2^1 + 8^3 + 10^1 + 11^1 + 22^0 = 21 + 83 + 101 + 111 + 220 & 536 &:= 3^1 + 4^1 + 8^3 + 16^1 + 22^0 = 31 + 41 + 83 + 161 + 220 \\ 536 &:= 2^1 + 8^3 + 9^1 + 12^1 + 22^0 = 21 + 83 + 91 + 121 + 220 & 536 &:= 3^1 + 5^1 + 8^3 + 15^1 + 22^0 = 31 + 51 + 83 + 151 + 220 \\ 536 &:= 2^1 + 9^2 + 10^0 + 11^1 + 21^2 = 21 + 92 + 100 + 111 + 212 & 536 &:= 3^1 + 6^0 + 12^1 + 14^2 + 18^2 = 31 + 60 + 121 + 142 + 182 \\ 536 &:= 2^2 + 2^4 + 2^7 + 19^2 + 27^1 = 22 + 24 + 27 + 192 + 271 & 536 &:= 3^1 + 6^1 + 8^3 + 14^1 + 22^0 = 31 + 61 + 83 + 141 + 220 \\ 536 &:= 2^2 + 3^0 + 13^2 + 16^0 + 19^2 = 22 + 30 + 132 + 160 + 192 & 536 &:= 3^1 + 6^2 + 10^0 + 12^1 + 22^2 = 31 + 62 + 100 + 121 + 222 \\ 536 &:= 2^2 + 3^0 + 8^3 + 18^1 + 22^0 = 22 + 30 + 83 + 181 + 220 & 536 &:= 3^1 + 7^1 + 8^3 + 13^1 + 22^0 = 31 + 71 + 83 + 131 + 220 \\ 536 &:= 2^2 + 4^0 + 13^2 + 15^0 + 19^2 = 22 + 40 + 132 + 150 + 192 & 536 &:= 3^1 + 8^0 + 11^1 + 11^2 + 20^2 = 31 + 80 + 111 + 112 + 202 \\ 536 &:= 2^2 + 4^0 + 8^3 + 18^1 + 21^0 = 22 + 40 + 83 + 181 + 210 & 536 &:= 3^1 + 8^1 + 8^3 + 12^1 + 22^0 = 31 + 81 + 83 + 121 + 220 \\ 536 &:= 2^2 + 5^0 + 13^2 + 14^0 + 19^2 = 22 + 50 + 132 + 140 + 192 & 536 &:= 3^1 + 8^3 + 10^1 + 10^1 + 22^0 = 31 + 83 + 101 + 101 + 220 \\ 536 &:= 2^2 + 5^0 + 8^3 + 18^1 + 20^0 = 22 + 50 + 83 + 181 + 200 & 536 &:= 3^1 + 8^3 + 9^1 + 11^1 + 22^0 = 31 + 83 + 91 + 111 + 220 \\ 536 &:= 2^2 + 6^0 + 13^0 + 13^2 + 19^2 = 22 + 60 + 130 + 132 + 192 & 536 &:= 3^1 + 9^2 + 10^0 + 10^1 + 21^2 = 31 + 92 + 100 + 101 + 212 \\ 536 &:= 2^2 + 6^0 + 8^3 + 18^1 + 19^0 = 22 + 60 + 83 + 181 + 190 & 536 &:= 3^2 + 4^0 + 8^3 + 13^1 + 25^0 = 32 + 40 + 83 + 131 + 250 \\ 536 &:= 2^2 + 7^0 + 12^0 + 13^2 + 19^2 = 22 + 70 + 120 + 132 + 192 & 536 &:= 3^2 + 5^0 + 8^3 + 13^1 + 24^0 = 32 + 50 + 83 + 131 + 240 \\ 536 &:= 2^2 + 7^0 + 8^3 + 18^0 + 18^1 = 22 + 70 + 83 + 180 + 181 & 536 &:= 3^2 + 6^0 + 8^3 + 13^1 + 23^0 = 32 + 60 + 83 + 131 + 230 \\ 536 &:= 2^2 + 8^0 + 11^0 + 13^2 + 19^2 = 22 + 80 + 110 + 132 + 192 & 536 &:= 3^2 + 7^0 + 8^3 + 13^1 + 22^0 = 32 + 70 + 83 + 131 + 220 \\ 536 &:= 2^2 + 8^0 + 8^3 + 17^0 + 18^1 = 22 + 80 + 83 + 170 + 181 & 536 &:= 3^2 + 8^0 + 8^3 + 13^1 + 21^0 = 32 + 80 + 83 + 131 + 210 \\ 536 &:= 2^2 + 8^3 + 10^0 + 15^0 + 18^1 = 22 + 83 + 100 + 150 + 181 & 536 &:= 3^2 + 8^3 + 10^0 + 13^1 + 19^0 = 32 + 83 + 100 + 131 + 190 \\ 536 &:= 2^2 + 8^3 + 11^0 + 14^0 + 18^1 = 22 + 83 + 110 + 140 + 181 & 536 &:= 3^2 + 8^3 + 11^0 + 13^1 + 18^0 = 32 + 83 + 110 + 131 + 180 \\ 536 &:= 2^2 + 8^3 + 12^0 + 13^0 + 18^1 = 22 + 83 + 120 + 130 + 181 & 536 &:= 3^2 + 8^3 + 12^0 + 13^1 + 17^0 = 32 + 83 + 120 + 131 + 170 \\ 536 &:= 2^2 + 8^3 + 9^0 + 16^0 + 18^1 = 22 + 83 + 90 + 160 + 181 & 536 &:= 3^2 + 8^3 + 13^0 + 13^1 + 16^0 = 32 + 83 + 130 + 131 + 160 \\ 536 &:= 2^2 + 9^0 + 10^0 + 13^2 + 19^2 = 22 + 90 + 100 + 132 + 192 & 536 &:= 3^2 + 8^3 + 13^1 + 14^0 + 15^0 = 32 + 83 + 131 + 140 + 150 \\ 536 &:= 2^3 + 2^8 + 7^2 + 14^2 + 27^1 = 23 + 28 + 72 + 142 + 271 & 536 &:= 3^2 + 8^3 + 9^0 + 13^1 + 20^0 = 32 + 83 + 90 + 131 + 200 \\ 536 &:= 2^4 + 2^7 + 9^2 + 17^2 + 22^1 = 24 + 27 + 92 + 172 + 221 & 536 &:= 4^0 + 5^2 + 5^2 + 17^0 + 22^2 = 40 + 52 + 52 + 170 + 222 \\ 536 &:= 2^5 + 2^6 + 14^2 + 15^2 + 19^1 = 25 + 26 + 142 + 152 + 191 & 536 &:= 4^0 + 5^3 + 9^1 + 15^0 + 20^2 = 40 + 53 + 91 + 150 + 202 \\ 536 &:= 2^5 + 2^6 + 4^2 + 20^2 + 24^1 = 25 + 26 + 42 + 202 + 241 & 536 &:= 4^0 + 7^0 + 7^3 + 13^2 + 22^1 = 40 + 70 + 73 + 132 + 221 \\ 536 &:= 2^5 + 2^8 + 11^0 + 15^2 + 22^1 = 25 + 28 + 110 + 152 + 221 & 536 &:= 4^0 + 7^2 + 11^0 + 14^2 + 17^2 = 40 + 72 + 110 + 142 + 172 \\ 536 &:= 2^5 + 3^5 + 3^5 + 17^1 + 27^0 = 25 + 35 + 35 + 171 + 270 & 536 &:= 4^0 + 9^0 + 13^2 + 13^2 + 14^2 = 40 + 90 + 132 + 132 + 142 \\ 536 &:= 2^6 + 2^7 + 11^0 + 18^2 + 19^1 = 26 + 27 + 110 + 182 + 191 & 536 &:= 4^1 + 4^1 + 8^3 + 15^1 + 22^0 = 41 + 41 + 83 + 151 + 220 \\ 536 &:= 2^6 + 3^5 + 9^2 + 11^2 + 27^1 = 26 + 35 + 92 + 112 + 271 & 536 &:= 4^1 + 5^1 + 8^3 + 14^1 + 22^0 = 41 + 51 + 83 + 141 + 220 \\ 536 &:= 2^8 + 3^2 + 3^5 + 17^0 + 27^1 = 28 + 32 + 35 + 170 + 271 & 536 &:= 4^1 + 6^0 + 11^1 + 14^2 + 18^2 = 41 + 60 + 111 + 142 + 182 \end{aligned}$$

$536 := 4^1 + 6^1 + 8^3 + 13^1 + 22^0 = 41 + 61 + 83 + 131 + 220$	$536 := 5^1 + 8^1 + 8^3 + 10^1 + 22^0 = 51 + 81 + 83 + 101 + 220$
$536 := 4^1 + 6^2 + 10^0 + 11^1 + 22^2 = 41 + 62 + 100 + 111 + 222$	$536 := 5^1 + 8^1 + 9^2 + 10^0 + 21^2 = 51 + 81 + 92 + 100 + 212$
$536 := 4^1 + 7^1 + 8^3 + 12^1 + 22^0 = 41 + 71 + 83 + 121 + 220$	$536 := 5^1 + 8^3 + 9^1 + 9^1 + 22^0 = 51 + 83 + 91 + 91 + 220$
$536 := 4^1 + 8^0 + 10^1 + 11^2 + 20^2 = 41 + 80 + 101 + 112 + 202$	$536 := 5^2 + 5^2 + 10^0 + 11^0 + 22^2 = 52 + 52 + 100 + 110 + 222$
$536 := 4^1 + 8^1 + 8^3 + 11^1 + 22^0 = 41 + 81 + 83 + 111 + 220$	$536 := 5^2 + 5^2 + 6^0 + 15^0 + 22^2 = 52 + 52 + 60 + 150 + 222$
$536 := 4^1 + 8^3 + 9^1 + 10^1 + 22^0 = 41 + 83 + 91 + 101 + 220$	$536 := 5^2 + 5^2 + 7^0 + 14^0 + 22^2 = 52 + 52 + 70 + 140 + 222$
$536 := 4^1 + 9^1 + 9^2 + 10^0 + 21^2 = 41 + 91 + 92 + 100 + 212$	$536 := 5^2 + 5^2 + 8^0 + 13^0 + 22^2 = 52 + 52 + 80 + 130 + 222$
$536 := 4^2 + 6^1 + 8^0 + 8^3 + 27^0 = 42 + 61 + 80 + 83 + 270$	$536 := 5^2 + 5^2 + 9^0 + 12^0 + 22^2 = 52 + 52 + 90 + 120 + 222$
$536 := 4^2 + 6^1 + 8^3 + 10^0 + 25^0 = 42 + 61 + 83 + 100 + 250$	$536 := 5^3 + 6^0 + 9^1 + 13^0 + 20^2 = 53 + 60 + 91 + 130 + 202$
$536 := 4^2 + 6^1 + 8^3 + 11^0 + 24^0 = 42 + 61 + 83 + 110 + 240$	$536 := 5^3 + 7^0 + 9^1 + 12^0 + 20^2 = 53 + 70 + 91 + 120 + 202$
$536 := 4^2 + 6^1 + 8^3 + 12^0 + 23^0 = 42 + 61 + 83 + 120 + 230$	$536 := 5^3 + 8^0 + 9^1 + 11^0 + 20^2 = 53 + 80 + 91 + 110 + 202$
$536 := 4^2 + 6^1 + 8^3 + 13^0 + 22^0 = 42 + 61 + 83 + 130 + 220$	$536 := 5^3 + 9^0 + 9^1 + 10^0 + 20^2 = 53 + 90 + 91 + 100 + 202$
$536 := 4^2 + 6^1 + 8^3 + 14^0 + 21^0 = 42 + 61 + 83 + 140 + 210$	$536 := 6^0 + 6^1 + 9^1 + 14^2 + 18^2 = 60 + 61 + 91 + 142 + 182$
$536 := 4^2 + 6^1 + 8^3 + 15^0 + 20^0 = 42 + 61 + 83 + 150 + 200$	$536 := 6^0 + 7^0 + 13^2 + 13^2 + 14^2 = 60 + 70 + 132 + 132 + 142$
$536 := 4^2 + 6^1 + 8^3 + 16^0 + 19^0 = 42 + 61 + 83 + 160 + 190$	$536 := 6^0 + 7^1 + 8^1 + 14^2 + 18^2 = 60 + 71 + 81 + 142 + 182$
$536 := 4^2 + 6^1 + 8^3 + 17^0 + 18^0 = 42 + 61 + 83 + 170 + 180$	$536 := 6^0 + 7^2 + 9^0 + 14^2 + 17^2 = 60 + 72 + 90 + 142 + 172$
$536 := 4^2 + 6^1 + 8^3 + 9^0 + 26^0 = 42 + 61 + 83 + 90 + 260$	$536 := 6^1 + 6^1 + 8^3 + 11^1 + 22^0 = 61 + 61 + 83 + 111 + 220$
$536 := 5^0 + 5^2 + 5^2 + 16^0 + 22^2 = 50 + 52 + 52 + 160 + 222$	$536 := 6^1 + 6^2 + 9^1 + 10^0 + 22^2 = 61 + 62 + 91 + 100 + 222$
$536 := 5^0 + 5^3 + 9^1 + 14^0 + 20^2 = 50 + 53 + 91 + 140 + 202$	$536 := 6^1 + 7^1 + 8^3 + 10^1 + 22^0 = 61 + 71 + 83 + 101 + 220$
$536 := 5^0 + 6^0 + 7^3 + 13^2 + 22^1 = 50 + 60 + 73 + 132 + 221$	$536 := 6^1 + 7^1 + 9^2 + 10^0 + 21^2 = 61 + 71 + 92 + 100 + 212$
$536 := 5^0 + 7^2 + 10^0 + 14^2 + 17^2 = 50 + 72 + 100 + 142 + 172$	$536 := 6^1 + 8^0 + 8^1 + 11^2 + 20^2 = 61 + 80 + 81 + 112 + 202$
$536 := 5^0 + 8^0 + 13^2 + 13^2 + 14^2 = 50 + 80 + 132 + 132 + 142$	$536 := 6^1 + 8^1 + 8^3 + 9^1 + 22^0 = 61 + 81 + 83 + 91 + 220$
$536 := 5^1 + 5^1 + 8^3 + 13^1 + 22^0 = 51 + 51 + 83 + 131 + 220$	$536 := 6^2 + 7^1 + 8^1 + 10^0 + 22^2 = 62 + 71 + 81 + 100 + 222$
$536 := 5^1 + 6^0 + 10^1 + 14^2 + 18^2 = 51 + 60 + 101 + 142 + 182$	$536 := 7^0 + 7^2 + 8^0 + 14^2 + 17^2 = 70 + 72 + 80 + 142 + 172$
$536 := 5^1 + 6^1 + 8^3 + 12^1 + 22^0 = 51 + 61 + 83 + 121 + 220$	$536 := 7^1 + 7^1 + 8^0 + 11^2 + 20^2 = 71 + 71 + 80 + 112 + 202$
$536 := 5^1 + 6^2 + 10^0 + 10^1 + 22^2 = 51 + 62 + 100 + 101 + 222$	$536 := 7^1 + 7^1 + 8^3 + 9^1 + 22^0 = 71 + 71 + 83 + 91 + 220$
$536 := 5^1 + 7^1 + 8^3 + 11^1 + 22^0 = 51 + 71 + 83 + 111 + 220$	$536 := 7^1 + 8^1 + 8^1 + 8^3 + 22^0 = 71 + 81 + 81 + 83 + 220$
$536 := 5^1 + 8^0 + 9^1 + 11^2 + 20^2 = 51 + 80 + 91 + 112 + 202$	

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$537 := 1^3 + 8^3 + 21^0 + 23^1 = 13 + 83 + 210 + 231$	$537 := 2^8 + 2^8 + 24^0 + 24^1 = 28 + 28 + 240 + 241$
$537 := 1^4 + 6^1 + 23^0 + 23^2 = 14 + 61 + 230 + 232$	$537 := 3^3 + 5^2 + 22^2 + 23^0 = 33 + 52 + 222 + 230$
$537 := 1^7 + 2^9 + 23^1 + 26^0 = 17 + 29 + 231 + 260$	$537 := 3^4 + 14^1 + 15^0 + 21^2 = 34 + 141 + 150 + 212$
$537 := 2^2 + 15^2 + 17^2 + 19^1 = 22 + 152 + 172 + 191$	$537 := 4^4 + 9^0 + 16^2 + 24^1 = 44 + 90 + 162 + 241$
$537 := 2^2 + 5^2 + 22^2 + 24^1 = 22 + 52 + 222 + 241$	$537 := 6^2 + 14^2 + 16^1 + 17^2 = 62 + 142 + 161 + 172$
$537 := 2^3 + 8^3 + 16^1 + 27^0 = 23 + 83 + 161 + 270$	$537 := 6^3 + 8^2 + 16^2 + 23^0 = 63 + 82 + 162 + 230$
$537 := 2^6 + 2^8 + 6^3 + 42^0 = 26 + 28 + 63 + 420$	$537 := 7^2 + 7^3 + 12^2 + 27^0 = 72 + 73 + 122 + 270$

$$\begin{aligned}
 537 &:= 8^2 + 13^2 + 15^1 + 17^2 &= 82 + 132 + 151 + 172 & 537 &:= 1^2 + 8^3 + 11^1 + 12^1 + 21^0 &= 12 + 83 + 111 + 121 + 210 \\
 537 &:= 1^0 + 1^3 + 8^3 + 21^0 + 22^1 &= 10 + 13 + 83 + 210 + 221 & 537 &:= 1^2 + 8^3 + 9^1 + 14^1 + 21^0 &= 12 + 83 + 91 + 141 + 210 \\
 537 &:= 1^0 + 1^4 + 5^1 + 23^0 + 23^2 &= 10 + 14 + 51 + 230 + 232 & 537 &:= 1^2 + 9^0 + 9^2 + 13^1 + 21^2 &= 12 + 90 + 92 + 131 + 212 \\
 537 &:= 1^0 + 1^7 + 2^9 + 22^1 + 26^0 &= 10 + 17 + 29 + 221 + 260 & 537 &:= 1^3 + 1^4 + 2^9 + 22^1 + 26^0 &= 13 + 14 + 29 + 221 + 260 \\
 537 &:= 1^0 + 2^2 + 15^2 + 17^2 + 18^1 &= 10 + 22 + 152 + 172 + 181 & 537 &:= 1^3 + 2^0 + 8^3 + 20^0 + 22^1 &= 13 + 20 + 83 + 200 + 221 \\
 537 &:= 1^0 + 2^2 + 5^2 + 22^2 + 23^1 &= 10 + 22 + 52 + 222 + 231 & 537 &:= 1^3 + 2^1 + 4^1 + 23^0 + 23^2 &= 13 + 21 + 41 + 230 + 232 \\
 537 &:= 1^0 + 2^3 + 8^3 + 15^1 + 27^0 &= 10 + 23 + 83 + 151 + 270 & 537 &:= 1^3 + 3^0 + 8^3 + 19^0 + 22^1 &= 13 + 30 + 83 + 190 + 221 \\
 537 &:= 1^0 + 2^8 + 2^8 + 23^1 + 24^0 &= 10 + 28 + 28 + 231 + 240 & 537 &:= 1^3 + 3^1 + 3^1 + 23^0 + 23^2 &= 13 + 31 + 31 + 230 + 232 \\
 537 &:= 1^0 + 3^4 + 13^1 + 15^0 + 21^2 &= 10 + 34 + 131 + 150 + 212 & 537 &:= 1^3 + 4^0 + 8^3 + 18^0 + 22^1 &= 13 + 40 + 83 + 180 + 221 \\
 537 &:= 1^0 + 4^4 + 9^0 + 16^2 + 23^1 &= 10 + 44 + 90 + 162 + 231 & 537 &:= 1^3 + 5^0 + 8^3 + 17^0 + 22^1 &= 13 + 50 + 83 + 170 + 221 \\
 537 &:= 1^0 + 5^3 + 11^2 + 17^2 + 19^0 &= 10 + 53 + 112 + 172 + 190 & 537 &:= 1^3 + 6^0 + 8^3 + 16^0 + 22^1 &= 13 + 60 + 83 + 160 + 221 \\
 537 &:= 1^0 + 5^3 + 7^2 + 19^2 + 21^0 &= 10 + 53 + 72 + 192 + 210 & 537 &:= 1^3 + 7^0 + 8^3 + 15^0 + 22^1 &= 13 + 70 + 83 + 150 + 221 \\
 537 &:= 1^0 + 6^2 + 14^2 + 15^1 + 17^2 &= 10 + 62 + 142 + 151 + 172 & 537 &:= 1^3 + 8^0 + 8^3 + 14^0 + 22^1 &= 13 + 80 + 83 + 140 + 221 \\
 537 &:= 1^0 + 8^2 + 13^2 + 14^1 + 17^2 &= 10 + 82 + 132 + 141 + 172 & 537 &:= 1^3 + 8^3 + 10^0 + 12^0 + 22^1 &= 13 + 83 + 100 + 120 + 221 \\
 537 &:= 1^1 + 1^2 + 8^3 + 21^0 + 22^1 &= 11 + 12 + 83 + 210 + 221 & 537 &:= 1^3 + 8^3 + 11^0 + 11^0 + 22^1 &= 13 + 83 + 110 + 110 + 221 \\
 537 &:= 1^1 + 1^3 + 5^1 + 23^0 + 23^2 &= 11 + 13 + 51 + 230 + 232 & 537 &:= 1^3 + 8^3 + 9^0 + 13^0 + 22^1 &= 13 + 83 + 90 + 130 + 221 \\
 537 &:= 1^1 + 1^6 + 2^9 + 22^1 + 26^0 &= 11 + 16 + 29 + 221 + 260 & 537 &:= 1^4 + 1^9 + 8^3 + 20^0 + 22^1 &= 14 + 19 + 83 + 200 + 221 \\
 537 &:= 1^1 + 2^2 + 8^3 + 19^1 + 23^0 &= 11 + 22 + 83 + 191 + 230 & 537 &:= 1^4 + 2^0 + 5^1 + 22^0 + 23^2 &= 14 + 20 + 51 + 220 + 232 \\
 537 &:= 1^1 + 3^0 + 3^3 + 22^2 + 24^1 &= 11 + 30 + 33 + 222 + 241 & 537 &:= 1^4 + 2^8 + 4^4 + 22^0 + 23^1 &= 14 + 28 + 44 + 220 + 231 \\
 537 &:= 1^1 + 3^2 + 8^3 + 14^1 + 27^0 &= 11 + 32 + 83 + 141 + 270 & 537 &:= 1^4 + 3^0 + 5^1 + 21^0 + 23^2 &= 14 + 30 + 51 + 210 + 232 \\
 537 &:= 1^1 + 5^3 + 10^1 + 17^0 + 20^2 &= 11 + 53 + 101 + 170 + 202 & 537 &:= 1^4 + 4^0 + 5^1 + 20^0 + 23^2 &= 14 + 40 + 51 + 200 + 232 \\
 537 &:= 1^1 + 7^3 + 9^0 + 13^2 + 23^1 &= 11 + 73 + 90 + 132 + 231 & 537 &:= 1^4 + 5^0 + 5^1 + 19^0 + 23^2 &= 14 + 50 + 51 + 190 + 232 \\
 537 &:= 1^2 + 1^2 + 5^1 + 23^0 + 23^2 &= 12 + 12 + 51 + 230 + 232 & 537 &:= 1^4 + 5^1 + 10^0 + 14^0 + 23^2 &= 14 + 51 + 100 + 140 + 232 \\
 537 &:= 1^2 + 1^5 + 2^9 + 22^1 + 26^0 &= 12 + 15 + 29 + 221 + 260 & 537 &:= 1^4 + 5^1 + 11^0 + 13^0 + 23^2 &= 14 + 51 + 110 + 130 + 232 \\
 537 &:= 1^2 + 2^1 + 2^2 + 23^2 + 25^0 &= 12 + 21 + 22 + 232 + 250 & 537 &:= 1^4 + 5^1 + 12^0 + 12^0 + 23^2 &= 14 + 51 + 120 + 120 + 232 \\
 537 &:= 1^2 + 2^1 + 7^2 + 21^0 + 22^2 &= 12 + 21 + 72 + 210 + 222 & 537 &:= 1^4 + 5^1 + 6^0 + 18^0 + 23^2 &= 14 + 51 + 60 + 180 + 232 \\
 537 &:= 1^2 + 2^1 + 8^3 + 21^0 + 21^1 &= 12 + 21 + 83 + 210 + 211 & 537 &:= 1^4 + 5^1 + 7^0 + 17^0 + 23^2 &= 14 + 51 + 70 + 170 + 232 \\
 537 &:= 1^2 + 3^1 + 8^3 + 20^1 + 21^0 &= 12 + 31 + 83 + 201 + 210 & 537 &:= 1^4 + 5^1 + 8^0 + 16^0 + 23^2 &= 14 + 51 + 80 + 160 + 232 \\
 537 &:= 1^2 + 4^1 + 8^3 + 19^1 + 21^0 &= 12 + 41 + 83 + 191 + 210 & 537 &:= 1^4 + 5^1 + 9^0 + 15^0 + 23^2 &= 14 + 51 + 90 + 150 + 232 \\
 537 &:= 1^2 + 5^0 + 14^2 + 15^1 + 18^2 &= 12 + 50 + 142 + 151 + 182 & 537 &:= 1^5 + 1^8 + 8^3 + 20^0 + 22^1 &= 15 + 18 + 83 + 200 + 221 \\
 537 &:= 1^2 + 5^1 + 13^2 + 15^0 + 19^2 &= 12 + 51 + 132 + 150 + 192 & 537 &:= 1^5 + 1^9 + 5^1 + 22^0 + 23^2 &= 15 + 19 + 51 + 220 + 232 \\
 537 &:= 1^2 + 5^1 + 8^3 + 18^1 + 21^0 &= 12 + 51 + 83 + 181 + 210 & 537 &:= 1^6 + 1^7 + 8^3 + 20^0 + 22^1 &= 16 + 17 + 83 + 200 + 221 \\
 537 &:= 1^2 + 6^1 + 8^3 + 17^1 + 21^0 &= 12 + 61 + 83 + 171 + 210 & 537 &:= 1^6 + 1^8 + 5^1 + 22^0 + 23^2 &= 16 + 18 + 51 + 220 + 232 \\
 537 &:= 1^2 + 6^2 + 9^0 + 15^1 + 22^2 &= 12 + 62 + 90 + 151 + 222 & 537 &:= 1^6 + 2^1 + 2^9 + 21^1 + 26^0 &= 16 + 21 + 29 + 211 + 260 \\
 537 &:= 1^2 + 7^0 + 11^2 + 14^1 + 20^2 &= 12 + 70 + 112 + 141 + 202 & 537 &:= 1^6 + 2^8 + 10^0 + 16^2 + 23^1 &= 16 + 28 + 100 + 162 + 231 \\
 537 &:= 1^2 + 7^1 + 8^3 + 16^1 + 21^0 &= 12 + 71 + 83 + 161 + 210 & 537 &:= 1^6 + 2^9 + 10^1 + 13^1 + 26^0 &= 16 + 29 + 101 + 131 + 260 \\
 537 &:= 1^2 + 8^1 + 8^3 + 15^1 + 21^0 &= 12 + 81 + 83 + 151 + 210 & 537 &:= 1^6 + 2^9 + 11^1 + 12^1 + 26^0 &= 16 + 29 + 111 + 121 + 260 \\
 537 &:= 1^2 + 8^3 + 10^1 + 13^1 + 21^0 &= 12 + 83 + 101 + 131 + 210 & 537 &:= 1^6 + 2^9 + 3^1 + 20^1 + 26^0 &= 16 + 29 + 31 + 201 + 260
 \end{aligned}$$

$$\begin{aligned}
 537 &:= 1^6 + 2^9 + 4^1 + 19^1 + 26^0 = 16 + 29 + 41 + 191 + 260 & 537 &:= 2^1 + 7^3 + 9^0 + 13^2 + 22^1 = 21 + 73 + 90 + 132 + 221 \\
 537 &:= 1^6 + 2^9 + 5^1 + 18^1 + 26^0 = 16 + 29 + 51 + 181 + 260 & 537 &:= 2^2 + 3^1 + 8^3 + 17^1 + 23^0 = 22 + 31 + 83 + 171 + 230 \\
 537 &:= 1^6 + 2^9 + 6^1 + 17^1 + 26^0 = 16 + 29 + 61 + 171 + 260 & 537 &:= 2^2 + 4^1 + 8^3 + 16^1 + 23^0 = 22 + 41 + 83 + 161 + 230 \\
 537 &:= 1^6 + 2^9 + 7^1 + 16^1 + 26^0 = 16 + 29 + 71 + 161 + 260 & 537 &:= 2^2 + 5^1 + 8^3 + 15^1 + 23^0 = 22 + 51 + 83 + 151 + 230 \\
 537 &:= 1^6 + 2^9 + 8^1 + 15^1 + 26^0 = 16 + 29 + 81 + 151 + 260 & 537 &:= 2^2 + 6^1 + 8^3 + 14^1 + 23^0 = 22 + 61 + 83 + 141 + 230 \\
 537 &:= 1^6 + 2^9 + 9^1 + 14^1 + 26^0 = 16 + 29 + 91 + 141 + 260 & 537 &:= 2^2 + 6^2 + 11^0 + 12^1 + 22^2 = 22 + 62 + 110 + 121 + 222 \\
 537 &:= 1^7 + 1^7 + 5^1 + 22^0 + 23^2 = 17 + 17 + 51 + 220 + 232 & 537 &:= 2^2 + 7^0 + 12^1 + 14^2 + 18^2 = 22 + 70 + 121 + 142 + 182 \\
 537 &:= 1^7 + 2^0 + 2^9 + 22^1 + 25^0 = 17 + 20 + 29 + 221 + 250 & 537 &:= 2^2 + 7^1 + 8^3 + 13^1 + 23^0 = 22 + 71 + 83 + 131 + 230 \\
 537 &:= 1^7 + 2^7 + 7^1 + 20^2 + 22^0 = 17 + 27 + 71 + 202 + 220 & 537 &:= 2^2 + 8^1 + 8^3 + 12^1 + 23^0 = 22 + 81 + 83 + 121 + 230 \\
 537 &:= 1^7 + 2^9 + 10^0 + 17^0 + 22^1 = 17 + 29 + 100 + 170 + 221 & 537 &:= 2^2 + 8^3 + 10^1 + 10^1 + 23^0 = 22 + 83 + 101 + 101 + 230 \\
 537 &:= 1^7 + 2^9 + 11^0 + 16^0 + 22^1 = 17 + 29 + 110 + 160 + 221 & 537 &:= 2^2 + 8^3 + 9^1 + 11^1 + 23^0 = 22 + 83 + 91 + 111 + 230 \\
 537 &:= 1^7 + 2^9 + 12^0 + 15^0 + 22^1 = 17 + 29 + 120 + 150 + 221 & 537 &:= 2^2 + 9^0 + 11^1 + 11^2 + 20^2 = 22 + 90 + 111 + 112 + 202 \\
 537 &:= 1^7 + 2^9 + 13^0 + 14^0 + 22^1 = 17 + 29 + 130 + 140 + 221 & 537 &:= 2^2 + 9^2 + 10^1 + 11^0 + 21^2 = 22 + 92 + 101 + 110 + 212 \\
 537 &:= 1^7 + 2^9 + 3^0 + 22^1 + 24^0 = 17 + 29 + 30 + 221 + 240 & 537 &:= 2^3 + 2^6 + 2^6 + 20^2 + 26^0 = 23 + 26 + 26 + 202 + 260 \\
 537 &:= 1^7 + 2^9 + 4^0 + 22^1 + 23^0 = 17 + 29 + 40 + 221 + 230 & 537 &:= 2^3 + 3^0 + 8^3 + 15^1 + 25^0 = 23 + 30 + 83 + 151 + 250 \\
 537 &:= 1^7 + 2^9 + 5^0 + 22^0 + 22^1 = 17 + 29 + 50 + 220 + 221 & 537 &:= 2^3 + 4^0 + 8^3 + 15^1 + 24^0 = 23 + 40 + 83 + 151 + 240 \\
 537 &:= 1^7 + 2^9 + 6^0 + 21^0 + 22^1 = 17 + 29 + 60 + 210 + 221 & 537 &:= 2^3 + 5^0 + 8^3 + 15^1 + 23^0 = 23 + 50 + 83 + 151 + 230 \\
 537 &:= 1^7 + 2^9 + 7^0 + 20^0 + 22^1 = 17 + 29 + 70 + 200 + 221 & 537 &:= 2^3 + 6^0 + 8^3 + 15^1 + 22^0 = 23 + 60 + 83 + 151 + 220 \\
 537 &:= 1^7 + 2^9 + 8^0 + 19^0 + 22^1 = 17 + 29 + 80 + 190 + 221 & 537 &:= 2^3 + 7^0 + 8^3 + 15^1 + 21^0 = 23 + 70 + 83 + 151 + 210 \\
 537 &:= 1^7 + 2^9 + 9^0 + 18^0 + 22^1 = 17 + 29 + 90 + 180 + 221 & 537 &:= 2^3 + 8^0 + 8^3 + 15^1 + 20^0 = 23 + 80 + 83 + 151 + 200 \\
 537 &:= 1^8 + 1^9 + 2^9 + 22^1 + 25^0 = 18 + 19 + 29 + 221 + 250 & 537 &:= 2^3 + 8^3 + 10^0 + 15^1 + 18^0 = 23 + 83 + 100 + 151 + 180 \\
 537 &:= 1^8 + 3^5 + 6^2 + 16^2 + 26^0 = 18 + 35 + 62 + 162 + 260 & 537 &:= 2^3 + 8^3 + 11^0 + 15^1 + 17^0 = 23 + 83 + 110 + 151 + 170 \\
 537 &:= 1^8 + 4^4 + 4^4 + 20^0 + 23^1 = 18 + 44 + 44 + 200 + 231 & 537 &:= 2^3 + 8^3 + 12^0 + 15^1 + 16^0 = 23 + 83 + 120 + 151 + 160 \\
 537 &:= 1^9 + 2^5 + 8^0 + 19^1 + 22^2 = 19 + 25 + 80 + 191 + 222 & 537 &:= 2^3 + 8^3 + 13^0 + 15^0 + 15^1 = 23 + 83 + 130 + 150 + 151 \\
 537 &:= 2^0 + 2^3 + 8^3 + 15^1 + 26^0 = 20 + 23 + 83 + 151 + 260 & 537 &:= 2^3 + 8^3 + 14^0 + 14^0 + 15^1 = 23 + 83 + 140 + 140 + 151 \\
 537 &:= 2^0 + 2^8 + 2^8 + 23^0 + 23^1 = 20 + 28 + 28 + 230 + 231 & 537 &:= 2^3 + 8^3 + 9^0 + 15^1 + 19^0 = 23 + 83 + 90 + 151 + 190 \\
 537 &:= 2^0 + 3^4 + 13^1 + 14^0 + 21^2 = 20 + 34 + 131 + 140 + 212 & 537 &:= 2^6 + 2^8 + 14^0 + 14^2 + 20^1 = 26 + 28 + 140 + 142 + 201 \\
 537 &:= 2^0 + 4^4 + 8^0 + 16^2 + 23^1 = 20 + 44 + 80 + 162 + 231 & 537 &:= 2^7 + 2^7 + 8^0 + 16^2 + 24^1 = 27 + 27 + 80 + 162 + 241 \\
 537 &:= 2^0 + 5^3 + 11^2 + 17^2 + 18^0 = 20 + 53 + 112 + 172 + 180 & 537 &:= 2^8 + 2^8 + 10^0 + 15^0 + 23^1 = 28 + 28 + 100 + 150 + 231 \\
 537 &:= 2^0 + 5^3 + 7^2 + 19^2 + 20^0 = 20 + 53 + 72 + 192 + 200 & 537 &:= 2^8 + 2^8 + 11^0 + 14^0 + 23^1 = 28 + 28 + 110 + 140 + 231 \\
 537 &:= 2^1 + 11^0 + 13^2 + 13^2 + 14^2 = 21 + 110 + 132 + 132 + 142 & 537 &:= 2^8 + 2^8 + 12^0 + 13^0 + 23^1 = 28 + 28 + 120 + 130 + 231 \\
 537 &:= 2^1 + 2^2 + 13^2 + 17^0 + 19^2 = 21 + 22 + 132 + 170 + 192 & 537 &:= 2^8 + 2^8 + 3^0 + 22^0 + 23^1 = 28 + 28 + 30 + 220 + 231 \\
 537 &:= 2^1 + 2^2 + 8^3 + 18^1 + 23^0 = 21 + 22 + 83 + 181 + 230 & 537 &:= 2^8 + 2^8 + 4^0 + 21^0 + 23^1 = 28 + 28 + 40 + 210 + 231 \\
 537 &:= 2^1 + 3^0 + 3^3 + 22^2 + 23^1 = 21 + 30 + 33 + 222 + 231 & 537 &:= 2^8 + 2^8 + 5^0 + 20^0 + 23^1 = 28 + 28 + 50 + 200 + 231 \\
 537 &:= 2^1 + 3^2 + 8^3 + 13^1 + 27^0 = 21 + 32 + 83 + 131 + 270 & 537 &:= 2^8 + 2^8 + 6^0 + 19^0 + 23^1 = 28 + 28 + 60 + 190 + 231 \\
 537 &:= 2^1 + 5^2 + 5^2 + 19^0 + 22^2 = 21 + 52 + 52 + 190 + 222 & 537 &:= 2^8 + 2^8 + 7^0 + 18^0 + 23^1 = 28 + 28 + 70 + 180 + 231 \\
 537 &:= 2^1 + 5^3 + 9^1 + 17^0 + 20^2 = 21 + 53 + 91 + 170 + 202 & 537 &:= 2^8 + 2^8 + 8^0 + 17^0 + 23^1 = 28 + 28 + 80 + 170 + 231 \\
 537 &:= 2^1 + 7^2 + 13^0 + 14^2 + 17^2 = 21 + 72 + 130 + 142 + 172 & 537 &:= 2^8 + 2^8 + 9^0 + 16^0 + 23^1 = 28 + 28 + 90 + 160 + 231
 \end{aligned}$$

$$\begin{aligned} 537 &:= 3^0 + 10^2 + 10^2 + 12^1 + 18^2 = 30 + 102 + 102 + 121 + 182 & 537 &:= 3^4 + 7^0 + 9^0 + 13^1 + 21^2 = 34 + 70 + 90 + 131 + 212 \\ 537 &:= 3^0 + 10^2 + 11^1 + 13^2 + 16^2 = 30 + 102 + 111 + 132 + 162 & 537 &:= 3^4 + 8^0 + 8^0 + 13^1 + 21^2 = 34 + 80 + 80 + 131 + 212 \\ 537 &:= 3^0 + 3^1 + 3^3 + 22^1 + 22^2 = 30 + 31 + 33 + 221 + 222 & 537 &:= 4^0 + 4^4 + 6^0 + 16^2 + 23^1 = 40 + 44 + 60 + 162 + 231 \\ 537 &:= 3^0 + 3^2 + 15^1 + 16^2 + 16^2 = 30 + 32 + 151 + 162 + 162 & 537 &:= 4^0 + 5^3 + 11^2 + 16^0 + 17^2 = 40 + 53 + 112 + 160 + 172 \\ 537 &:= 3^0 + 3^3 + 10^1 + 15^1 + 22^2 = 30 + 33 + 101 + 151 + 222 & 537 &:= 4^0 + 5^3 + 7^2 + 18^0 + 19^2 = 40 + 53 + 72 + 180 + 192 \\ 537 &:= 3^0 + 3^3 + 11^1 + 14^1 + 22^2 = 30 + 33 + 111 + 141 + 222 & 537 &:= 4^1 + 5^3 + 7^1 + 17^0 + 20^2 = 41 + 53 + 71 + 170 + 202 \\ 537 &:= 3^0 + 3^3 + 12^1 + 13^1 + 22^2 = 30 + 33 + 121 + 131 + 222 & 537 &:= 4^1 + 7^3 + 9^0 + 13^2 + 20^1 = 41 + 73 + 90 + 132 + 201 \\ 537 &:= 3^0 + 3^3 + 4^1 + 21^1 + 22^2 = 30 + 33 + 41 + 211 + 222 & 537 &:= 4^1 + 8^2 + 11^0 + 12^2 + 18^2 = 41 + 82 + 110 + 122 + 182 \\ 537 &:= 3^0 + 3^3 + 5^1 + 20^1 + 22^2 = 30 + 33 + 51 + 201 + 222 & 537 &:= 4^2 + 5^0 + 8^2 + 15^1 + 21^2 = 42 + 50 + 82 + 151 + 212 \\ 537 &:= 3^0 + 3^3 + 6^1 + 19^1 + 22^2 = 30 + 33 + 61 + 191 + 222 & 537 &:= 4^2 + 5^2 + 11^0 + 11^1 + 22^2 = 42 + 52 + 110 + 111 + 222 \\ 537 &:= 3^0 + 3^3 + 7^1 + 18^1 + 22^2 = 30 + 33 + 71 + 181 + 222 & 537 &:= 4^2 + 6^1 + 11^0 + 15^2 + 17^2 = 42 + 61 + 110 + 152 + 172 \\ 537 &:= 3^0 + 3^3 + 8^1 + 17^1 + 22^2 = 30 + 33 + 81 + 171 + 222 & 537 &:= 4^2 + 8^1 + 9^0 + 16^2 + 16^2 = 42 + 81 + 90 + 162 + 162 \\ 537 &:= 3^0 + 3^3 + 9^1 + 16^1 + 22^2 = 30 + 33 + 91 + 161 + 222 & 537 &:= 4^4 + 5^0 + 5^0 + 16^2 + 23^1 = 44 + 50 + 50 + 162 + 231 \\ 537 &:= 3^0 + 3^4 + 13^0 + 13^1 + 21^2 = 30 + 34 + 130 + 131 + 212 & 537 &:= 5^0 + 5^3 + 11^2 + 15^0 + 17^2 = 50 + 53 + 112 + 150 + 172 \\ 537 &:= 3^0 + 4^2 + 12^2 + 15^1 + 19^2 = 30 + 42 + 122 + 151 + 192 & 537 &:= 5^0 + 5^3 + 7^2 + 17^0 + 19^2 = 50 + 53 + 72 + 170 + 192 \\ 537 &:= 3^0 + 4^2 + 4^2 + 20^1 + 22^2 = 30 + 42 + 42 + 201 + 222 & 537 &:= 5^0 + 8^2 + 10^2 + 11^1 + 19^2 = 50 + 82 + 102 + 111 + 192 \\ 537 &:= 3^0 + 4^4 + 7^0 + 16^2 + 23^1 = 30 + 44 + 70 + 162 + 231 & 537 &:= 5^0 + 9^2 + 10^1 + 11^2 + 18^2 = 50 + 92 + 101 + 112 + 182 \\ 537 &:= 3^0 + 5^3 + 11^2 + 17^0 + 17^2 = 30 + 53 + 112 + 170 + 172 & 537 &:= 5^1 + 5^3 + 6^1 + 17^0 + 20^2 = 51 + 53 + 61 + 170 + 202 \\ 537 &:= 3^0 + 5^3 + 7^2 + 19^0 + 19^2 = 30 + 53 + 72 + 190 + 192 & 537 &:= 5^1 + 7^2 + 11^0 + 11^2 + 19^2 = 51 + 72 + 110 + 112 + 192 \\ 537 &:= 3^0 + 9^2 + 9^2 + 13^1 + 19^2 = 30 + 92 + 92 + 131 + 192 & 537 &:= 5^1 + 7^3 + 9^0 + 13^2 + 19^1 = 51 + 73 + 90 + 132 + 191 \\ 537 &:= 3^1 + 10^2 + 11^0 + 12^2 + 17^2 = 31 + 102 + 110 + 122 + 172 & 537 &:= 5^1 + 9^0 + 11^2 + 11^2 + 17^2 = 51 + 90 + 112 + 112 + 172 \\ 537 &:= 3^1 + 3^2 + 8^3 + 12^1 + 27^0 = 31 + 32 + 83 + 121 + 270 & 537 &:= 5^1 + 9^0 + 9^2 + 15^2 + 15^2 = 51 + 90 + 92 + 152 + 152 \\ 537 &:= 3^1 + 5^3 + 8^1 + 17^0 + 20^2 = 31 + 53 + 81 + 170 + 202 & 537 &:= 5^2 + 6^1 + 11^0 + 12^2 + 19^2 = 52 + 61 + 110 + 122 + 192 \\ 537 &:= 3^1 + 7^3 + 9^0 + 13^2 + 21^1 = 31 + 73 + 90 + 132 + 211 & 537 &:= 5^2 + 6^1 + 8^2 + 13^0 + 21^2 = 52 + 61 + 82 + 130 + 212 \\ 537 &:= 3^1 + 9^2 + 11^0 + 14^2 + 16^2 = 31 + 92 + 110 + 142 + 162 & 537 &:= 5^2 + 7^0 + 10^2 + 11^1 + 20^2 = 52 + 70 + 102 + 111 + 202 \\ 537 &:= 3^2 + 4^1 + 8^3 + 11^1 + 27^0 = 32 + 41 + 83 + 111 + 270 & 537 &:= 5^3 + 10^0 + 10^0 + 11^2 + 17^2 = 53 + 100 + 100 + 112 + 172 \\ 537 &:= 3^2 + 5^0 + 13^1 + 15^2 + 17^2 = 32 + 50 + 131 + 152 + 172 & 537 &:= 5^3 + 6^0 + 11^2 + 14^0 + 17^2 = 53 + 60 + 112 + 140 + 172 \\ 537 &:= 3^2 + 5^0 + 5^2 + 18^1 + 22^2 = 32 + 50 + 52 + 181 + 222 & 537 &:= 5^3 + 6^0 + 7^2 + 16^0 + 19^2 = 53 + 60 + 72 + 160 + 192 \\ 537 &:= 3^2 + 5^1 + 8^3 + 10^1 + 27^0 = 32 + 51 + 83 + 101 + 270 & 537 &:= 5^3 + 7^0 + 11^2 + 13^0 + 17^2 = 53 + 70 + 112 + 130 + 172 \\ 537 &:= 3^2 + 5^1 + 9^2 + 15^0 + 21^2 = 32 + 51 + 92 + 150 + 212 & 537 &:= 5^3 + 7^0 + 7^2 + 15^0 + 19^2 = 53 + 70 + 72 + 150 + 192 \\ 537 &:= 3^2 + 6^1 + 11^2 + 13^0 + 20^2 = 32 + 61 + 112 + 130 + 202 & 537 &:= 5^3 + 7^2 + 10^0 + 12^0 + 19^2 = 53 + 72 + 100 + 120 + 192 \\ 537 &:= 3^2 + 6^1 + 8^3 + 9^1 + 27^0 = 32 + 61 + 83 + 91 + 270 & 537 &:= 5^3 + 7^2 + 11^0 + 11^0 + 19^2 = 53 + 72 + 110 + 110 + 192 \\ 537 &:= 3^2 + 6^2 + 7^1 + 15^0 + 22^2 = 32 + 62 + 71 + 150 + 222 & 537 &:= 5^3 + 7^2 + 8^0 + 14^0 + 19^2 = 53 + 72 + 80 + 140 + 192 \\ 537 &:= 3^2 + 7^1 + 11^0 + 14^2 + 18^2 = 32 + 71 + 110 + 142 + 182 & 537 &:= 5^3 + 7^2 + 9^0 + 13^0 + 19^2 = 53 + 72 + 90 + 130 + 192 \\ 537 &:= 3^2 + 7^1 + 8^1 + 8^3 + 27^0 = 32 + 71 + 81 + 83 + 270 & 537 &:= 5^3 + 8^0 + 11^2 + 12^0 + 17^2 = 53 + 80 + 112 + 120 + 172 \\ 537 &:= 3^4 + 4^0 + 12^0 + 13^1 + 21^2 = 34 + 40 + 120 + 131 + 212 & 537 &:= 5^3 + 9^0 + 11^0 + 11^2 + 17^2 = 53 + 90 + 110 + 112 + 172 \\ 537 &:= 3^4 + 5^0 + 11^0 + 13^1 + 21^2 = 34 + 50 + 110 + 131 + 212 & 537 &:= 6^1 + 7^2 + 9^0 + 15^2 + 16^2 = 61 + 72 + 90 + 152 + 162 \\ 537 &:= 3^4 + 6^0 + 10^0 + 13^1 + 21^2 = 34 + 60 + 100 + 131 + 212 & 537 &:= 6^1 + 7^2 + 9^2 + 11^0 + 20^2 = 61 + 72 + 92 + 110 + 202 \end{aligned}$$

$$\begin{aligned}
 537 &:= 6^1 + 7^3 + 9^0 + 13^2 + 18^1 = 61 + 73 + 90 + 132 + 181 \\
 537 &:= 6^2 + 7^1 + 9^0 + 13^2 + 18^2 = 62 + 71 + 90 + 132 + 182 \\
 537 &:= 6^2 + 7^2 + 9^0 + 10^1 + 21^2 = 62 + 72 + 90 + 101 + 212 \\
 537 &:= 7^1 + 7^3 + 9^0 + 13^2 + 17^1 = 71 + 73 + 90 + 132 + 171 \\
 537 &:= 7^3 + 8^1 + 9^0 + 13^2 + 16^1 = 73 + 81 + 90 + 132 + 161 \\
 537 &:= 7^3 + 9^0 + 10^1 + 13^2 + 14^1 = 73 + 90 + 101 + 132 + 141
 \end{aligned}$$

$$\begin{aligned}
 537 &:= 7^3 + 9^0 + 11^1 + 13^1 + 13^2 = 73 + 90 + 111 + 131 + 132 \\
 537 &:= 7^3 + 9^0 + 12^1 + 12^1 + 13^2 = 73 + 90 + 121 + 121 + 132 \\
 537 &:= 7^3 + 9^0 + 9^1 + 13^2 + 15^1 = 73 + 90 + 91 + 132 + 151 \\
 537 &:= 8^1 + 8^2 + 8^2 + 9^0 + 20^2 = 81 + 82 + 82 + 90 + 202
 \end{aligned}$$

2.2.439 Number 538

$$\begin{aligned}
 538 &:= 1^4 + 8^3 + 20^0 + 24^1 = 14 + 83 + 200 + 241 \\
 538 &:= 1^5 + 7^1 + 22^0 + 23^2 = 15 + 71 + 220 + 232 \\
 538 &:= 1^8 + 2^9 + 24^1 + 25^0 = 18 + 29 + 241 + 250 \\
 538 &:= 2^4 + 11^2 + 20^0 + 20^2 = 24 + 112 + 200 + 202 \\
 538 &:= 2^4 + 8^3 + 9^1 + 34^0 = 24 + 83 + 91 + 340 \\
 538 &:= 2^5 + 8^0 + 21^1 + 22^2 = 25 + 80 + 211 + 222 \\
 538 &:= 2^8 + 2^8 + 5^2 + 43^0 = 28 + 28 + 52 + 430 \\
 538 &:= 3^5 + 5^1 + 17^2 + 28^0 = 35 + 51 + 172 + 280 \\
 538 &:= 4^4 + 5^2 + 16^2 + 28^0 = 44 + 52 + 162 + 280 \\
 538 &:= 5^3 + 6^3 + 14^2 + 28^0 = 53 + 63 + 142 + 280 \\
 538 &:= 1^0 + 1^4 + 8^3 + 20^0 + 23^1 = 10 + 14 + 83 + 200 + 231 \\
 538 &:= 1^0 + 1^5 + 6^1 + 22^0 + 23^2 = 10 + 15 + 61 + 220 + 232 \\
 538 &:= 1^0 + 1^8 + 2^9 + 23^1 + 25^0 = 10 + 18 + 29 + 231 + 250 \\
 538 &:= 1^0 + 2^4 + 14^2 + 18^0 + 18^2 = 10 + 24 + 142 + 180 + 182 \\
 538 &:= 1^0 + 2^4 + 6^2 + 22^0 + 22^2 = 10 + 24 + 62 + 220 + 222 \\
 538 &:= 1^0 + 2^5 + 8^0 + 20^1 + 22^2 = 10 + 25 + 80 + 201 + 222 \\
 538 &:= 1^0 + 4^3 + 6^3 + 16^2 + 26^0 = 10 + 43 + 63 + 162 + 260 \\
 538 &:= 1^1 + 1^3 + 8^3 + 20^0 + 23^1 = 11 + 13 + 83 + 200 + 231 \\
 538 &:= 1^1 + 1^4 + 6^1 + 22^0 + 23^2 = 11 + 14 + 61 + 220 + 232 \\
 538 &:= 1^1 + 1^7 + 2^9 + 23^1 + 25^0 = 11 + 17 + 29 + 231 + 250 \\
 538 &:= 1^1 + 2^3 + 8^3 + 16^1 + 26^0 = 11 + 23 + 83 + 161 + 260 \\
 538 &:= 1^1 + 2^8 + 2^8 + 23^0 + 24^1 = 11 + 28 + 28 + 230 + 241 \\
 538 &:= 1^1 + 3^3 + 5^2 + 22^0 + 22^2 = 11 + 33 + 52 + 220 + 222 \\
 538 &:= 1^1 + 3^4 + 14^0 + 14^1 + 21^2 = 11 + 34 + 140 + 141 + 212 \\
 538 &:= 1^1 + 4^4 + 8^0 + 16^2 + 24^1 = 11 + 44 + 80 + 162 + 241 \\
 538 &:= 1^1 + 6^3 + 8^2 + 16^2 + 22^0 = 11 + 63 + 82 + 162 + 220 \\
 538 &:= 1^1 + 7^2 + 7^3 + 12^2 + 26^0 = 11 + 72 + 73 + 122 + 260 \\
 538 &:= 1^2 + 1^2 + 8^3 + 20^0 + 23^1 = 12 + 12 + 83 + 200 + 231 \\
 538 &:= 1^2 + 1^3 + 6^1 + 22^0 + 23^2 = 12 + 13 + 61 + 220 + 232 \\
 538 &:= 1^2 + 1^6 + 2^9 + 23^1 + 25^0 = 12 + 16 + 29 + 231 + 250
 \end{aligned}$$

$$\begin{aligned}
 538 &:= 1^2 + 12^0 + 12^2 + 14^2 + 14^2 = 12 + 120 + 122 + 142 + 142 \\
 538 &:= 1^2 + 2^0 + 3^3 + 22^2 + 25^1 = 12 + 20 + 33 + 222 + 251 \\
 538 &:= 1^2 + 2^2 + 8^3 + 20^1 + 22^0 = 12 + 22 + 83 + 201 + 220 \\
 538 &:= 1^2 + 3^2 + 8^3 + 15^1 + 26^0 = 12 + 32 + 83 + 151 + 260 \\
 538 &:= 1^2 + 4^2 + 14^2 + 16^0 + 18^2 = 12 + 42 + 142 + 160 + 182 \\
 538 &:= 1^2 + 4^2 + 6^2 + 20^0 + 22^2 = 12 + 42 + 62 + 200 + 222 \\
 538 &:= 1^2 + 5^3 + 11^1 + 16^0 + 20^2 = 12 + 53 + 111 + 160 + 202 \\
 538 &:= 1^2 + 6^2 + 10^2 + 16^0 + 20^2 = 12 + 62 + 102 + 160 + 202 \\
 538 &:= 1^2 + 7^3 + 8^0 + 13^2 + 24^1 = 12 + 73 + 80 + 132 + 241 \\
 538 &:= 1^3 + 1^5 + 2^9 + 23^1 + 25^0 = 13 + 15 + 29 + 231 + 250 \\
 538 &:= 1^3 + 1^9 + 3^3 + 22^2 + 25^1 = 13 + 19 + 33 + 222 + 251 \\
 538 &:= 1^3 + 2^1 + 8^3 + 20^0 + 22^1 = 13 + 21 + 83 + 200 + 221 \\
 538 &:= 1^3 + 2^2 + 3^1 + 23^2 + 24^0 = 13 + 22 + 31 + 232 + 240 \\
 538 &:= 1^3 + 3^1 + 7^2 + 20^0 + 22^2 = 13 + 31 + 72 + 200 + 222 \\
 538 &:= 1^3 + 3^1 + 8^3 + 20^0 + 21^1 = 13 + 31 + 83 + 200 + 211 \\
 538 &:= 1^3 + 4^0 + 14^2 + 16^1 + 18^2 = 13 + 40 + 142 + 161 + 182 \\
 538 &:= 1^3 + 4^1 + 8^3 + 20^0 + 20^1 = 13 + 41 + 83 + 200 + 201 \\
 538 &:= 1^3 + 5^1 + 8^3 + 19^1 + 20^0 = 13 + 51 + 83 + 191 + 200 \\
 538 &:= 1^3 + 6^0 + 11^2 + 15^1 + 20^2 = 13 + 60 + 112 + 151 + 202 \\
 538 &:= 1^3 + 6^1 + 13^2 + 14^0 + 19^2 = 13 + 61 + 132 + 140 + 192 \\
 538 &:= 1^3 + 6^1 + 8^3 + 18^1 + 20^0 = 13 + 61 + 83 + 181 + 200 \\
 538 &:= 1^3 + 6^2 + 8^0 + 16^1 + 22^2 = 13 + 62 + 80 + 161 + 222 \\
 538 &:= 1^3 + 7^1 + 8^3 + 17^1 + 20^0 = 13 + 71 + 83 + 171 + 200 \\
 538 &:= 1^3 + 8^0 + 9^2 + 14^1 + 21^2 = 13 + 80 + 92 + 141 + 212 \\
 538 &:= 1^3 + 8^1 + 8^3 + 16^1 + 20^0 = 13 + 81 + 83 + 161 + 200 \\
 538 &:= 1^3 + 8^3 + 10^1 + 14^1 + 20^0 = 13 + 83 + 101 + 141 + 200 \\
 538 &:= 1^3 + 8^3 + 11^1 + 13^1 + 20^0 = 13 + 83 + 111 + 131 + 200 \\
 538 &:= 1^3 + 8^3 + 12^1 + 12^1 + 20^0 = 13 + 83 + 121 + 121 + 200 \\
 538 &:= 1^3 + 8^3 + 9^1 + 15^1 + 20^0 = 13 + 83 + 91 + 151 + 200 \\
 538 &:= 1^4 + 1^4 + 2^9 + 23^1 + 25^0 = 14 + 14 + 29 + 231 + 250
 \end{aligned}$$

$$\begin{aligned} 538 &:= 1^4 + 1^8 + 3^3 + 22^2 + 25^1 = 14 + 18 + 33 + 222 + 251 & 538 &:= 1^7 + 2^9 + 3^1 + 21^1 + 25^0 = 17 + 29 + 31 + 211 + 250 \\ 538 &:= 1^4 + 2^0 + 8^3 + 19^0 + 23^1 = 14 + 20 + 83 + 190 + 231 & 538 &:= 1^7 + 2^9 + 4^1 + 20^1 + 25^0 = 17 + 29 + 41 + 201 + 250 \\ 538 &:= 1^4 + 2^1 + 5^1 + 22^0 + 23^2 = 14 + 21 + 51 + 220 + 232 & 538 &:= 1^7 + 2^9 + 5^1 + 19^1 + 25^0 = 17 + 29 + 51 + 191 + 250 \\ 538 &:= 1^4 + 3^0 + 8^3 + 18^0 + 23^1 = 14 + 30 + 83 + 180 + 231 & 538 &:= 1^7 + 2^9 + 6^1 + 18^1 + 25^0 = 17 + 29 + 61 + 181 + 250 \\ 538 &:= 1^4 + 3^1 + 4^1 + 22^0 + 23^2 = 14 + 31 + 41 + 220 + 232 & 538 &:= 1^7 + 2^9 + 7^1 + 17^1 + 25^0 = 17 + 29 + 71 + 171 + 250 \\ 538 &:= 1^4 + 4^0 + 8^3 + 17^0 + 23^1 = 14 + 40 + 83 + 170 + 231 & 538 &:= 1^7 + 2^9 + 8^1 + 16^1 + 25^0 = 17 + 29 + 81 + 161 + 250 \\ 538 &:= 1^4 + 5^0 + 8^3 + 16^0 + 23^1 = 14 + 50 + 83 + 160 + 231 & 538 &:= 1^7 + 2^9 + 9^1 + 15^1 + 25^0 = 17 + 29 + 91 + 151 + 250 \\ 538 &:= 1^4 + 6^0 + 8^3 + 15^0 + 23^1 = 14 + 60 + 83 + 150 + 231 & 538 &:= 1^8 + 2^0 + 2^9 + 23^1 + 24^0 = 18 + 20 + 29 + 231 + 240 \\ 538 &:= 1^4 + 7^0 + 8^3 + 14^0 + 23^1 = 14 + 70 + 83 + 140 + 231 & 538 &:= 1^8 + 2^7 + 8^1 + 20^2 + 21^0 = 18 + 27 + 81 + 202 + 210 \\ 538 &:= 1^4 + 8^0 + 8^3 + 13^0 + 23^1 = 14 + 80 + 83 + 130 + 231 & 538 &:= 1^8 + 2^9 + 10^0 + 16^0 + 23^1 = 18 + 29 + 100 + 160 + 231 \\ 538 &:= 1^4 + 8^3 + 10^0 + 11^0 + 23^1 = 14 + 83 + 100 + 110 + 231 & 538 &:= 1^8 + 2^9 + 11^0 + 15^0 + 23^1 = 18 + 29 + 110 + 150 + 231 \\ 538 &:= 1^4 + 8^3 + 9^0 + 12^0 + 23^1 = 14 + 83 + 90 + 120 + 231 & 538 &:= 1^8 + 2^9 + 12^0 + 14^0 + 23^1 = 18 + 29 + 120 + 140 + 231 \\ 538 &:= 1^5 + 1^7 + 3^3 + 22^2 + 25^1 = 15 + 17 + 33 + 222 + 251 & 538 &:= 1^8 + 2^9 + 13^0 + 13^0 + 23^1 = 18 + 29 + 130 + 130 + 231 \\ 538 &:= 1^5 + 1^9 + 8^3 + 19^0 + 23^1 = 15 + 19 + 83 + 190 + 231 & 538 &:= 1^8 + 2^9 + 3^0 + 23^0 + 23^1 = 18 + 29 + 30 + 230 + 231 \\ 538 &:= 1^5 + 2^0 + 6^1 + 21^0 + 23^2 = 15 + 20 + 61 + 210 + 232 & 538 &:= 1^8 + 2^9 + 4^0 + 22^0 + 23^1 = 18 + 29 + 40 + 220 + 231 \\ 538 &:= 1^5 + 2^8 + 4^4 + 21^0 + 24^1 = 15 + 28 + 44 + 210 + 241 & 538 &:= 1^8 + 2^9 + 5^0 + 21^0 + 23^1 = 18 + 29 + 50 + 210 + 231 \\ 538 &:= 1^5 + 3^0 + 6^1 + 20^0 + 23^2 = 15 + 30 + 61 + 200 + 232 & 538 &:= 1^8 + 2^9 + 6^0 + 20^0 + 23^1 = 18 + 29 + 60 + 200 + 231 \\ 538 &:= 1^5 + 4^0 + 6^1 + 19^0 + 23^2 = 15 + 40 + 61 + 190 + 232 & 538 &:= 1^8 + 2^9 + 7^0 + 19^0 + 23^1 = 18 + 29 + 70 + 190 + 231 \\ 538 &:= 1^5 + 5^0 + 6^1 + 18^0 + 23^2 = 15 + 50 + 61 + 180 + 232 & 538 &:= 1^8 + 2^9 + 8^0 + 18^0 + 23^1 = 18 + 29 + 80 + 180 + 231 \\ 538 &:= 1^5 + 6^0 + 6^1 + 17^0 + 23^2 = 15 + 60 + 61 + 170 + 232 & 538 &:= 1^8 + 2^9 + 9^0 + 17^0 + 23^1 = 18 + 29 + 90 + 170 + 231 \\ 538 &:= 1^5 + 6^1 + 10^0 + 13^0 + 23^2 = 15 + 61 + 100 + 130 + 232 & 538 &:= 1^8 + 3^5 + 10^2 + 13^2 + 25^1 = 18 + 35 + 102 + 132 + 251 \\ 538 &:= 1^5 + 6^1 + 11^0 + 12^0 + 23^2 = 15 + 61 + 110 + 120 + 232 & 538 &:= 1^9 + 1^9 + 2^9 + 23^1 + 24^0 = 19 + 19 + 29 + 231 + 240 \\ 538 &:= 1^5 + 6^1 + 7^0 + 16^0 + 23^2 = 15 + 61 + 70 + 160 + 232 & 538 &:= 1^9 + 2^3 + 4^3 + 21^2 + 24^1 = 19 + 23 + 43 + 212 + 241 \\ 538 &:= 1^5 + 6^1 + 8^0 + 15^0 + 23^2 = 15 + 61 + 80 + 150 + 232 & 538 &:= 1^9 + 3^3 + 5^3 + 19^2 + 24^1 = 19 + 33 + 53 + 192 + 241 \\ 538 &:= 1^5 + 6^1 + 9^0 + 14^0 + 23^2 = 15 + 61 + 90 + 140 + 232 & 538 &:= 1^9 + 4^3 + 5^3 + 18^2 + 24^1 = 19 + 43 + 53 + 182 + 241 \\ 538 &:= 1^6 + 1^6 + 3^3 + 22^2 + 25^1 = 16 + 16 + 33 + 222 + 251 & 538 &:= 1^9 + 4^4 + 4^4 + 19^0 + 24^1 = 19 + 44 + 44 + 190 + 241 \\ 538 &:= 1^6 + 1^8 + 8^3 + 19^0 + 23^1 = 16 + 18 + 83 + 190 + 231 & 538 &:= 1^9 + 5^3 + 6^3 + 13^2 + 27^1 = 19 + 53 + 63 + 132 + 271 \\ 538 &:= 1^6 + 1^9 + 6^1 + 21^0 + 23^2 = 16 + 19 + 61 + 210 + 232 & 538 &:= 2^0 + 2^3 + 16^2 + 16^2 + 17^1 = 20 + 23 + 162 + 162 + 171 \\ 538 &:= 1^6 + 2^2 + 2^9 + 20^1 + 27^0 = 16 + 22 + 29 + 201 + 270 & 538 &:= 2^0 + 2^4 + 14^2 + 17^0 + 18^2 = 20 + 24 + 142 + 170 + 182 \\ 538 &:= 1^6 + 2^3 + 2^7 + 20^2 + 27^0 = 16 + 23 + 27 + 202 + 270 & 538 &:= 2^0 + 2^4 + 6^2 + 21^0 + 22^2 = 20 + 24 + 62 + 210 + 222 \\ 538 &:= 1^7 + 1^7 + 8^3 + 19^0 + 23^1 = 17 + 17 + 83 + 190 + 231 & 538 &:= 2^0 + 2^5 + 7^0 + 20^1 + 22^2 = 20 + 25 + 70 + 201 + 222 \\ 538 &:= 1^7 + 1^8 + 6^1 + 21^0 + 23^2 = 17 + 18 + 61 + 210 + 232 & 538 &:= 2^0 + 3^2 + 4^3 + 21^2 + 23^1 = 20 + 32 + 43 + 212 + 231 \\ 538 &:= 1^7 + 2^1 + 2^9 + 22^1 + 25^0 = 17 + 21 + 29 + 221 + 250 & 538 &:= 2^0 + 3^3 + 13^2 + 17^1 + 18^2 = 20 + 33 + 132 + 171 + 182 \\ 538 &:= 1^7 + 2^6 + 6^3 + 16^2 + 27^0 = 17 + 26 + 63 + 162 + 270 & 538 &:= 2^0 + 3^3 + 7^2 + 20^1 + 21^2 = 20 + 33 + 72 + 201 + 212 \\ 538 &:= 1^7 + 2^8 + 9^0 + 16^2 + 24^1 = 17 + 28 + 90 + 162 + 241 & 538 &:= 2^0 + 3^5 + 4^1 + 17^2 + 27^0 = 20 + 35 + 41 + 172 + 270 \\ 538 &:= 1^7 + 2^9 + 10^1 + 14^1 + 25^0 = 17 + 29 + 101 + 141 + 250 & 538 &:= 2^0 + 4^3 + 6^3 + 16^2 + 25^0 = 20 + 43 + 63 + 162 + 250 \\ 538 &:= 1^7 + 2^9 + 11^1 + 13^1 + 25^0 = 17 + 29 + 111 + 131 + 250 & 538 &:= 2^0 + 5^3 + 13^2 + 15^2 + 18^1 = 20 + 53 + 132 + 152 + 181 \\ 538 &:= 1^7 + 2^9 + 12^1 + 12^1 + 25^0 = 17 + 29 + 121 + 121 + 250 & 538 &:= 2^1 + 2^3 + 8^3 + 15^1 + 26^0 = 21 + 23 + 83 + 151 + 260 \end{aligned}$$

$$\begin{aligned}
 538 &:= 2^1 + 2^8 + 2^8 + 23^0 + 23^1 = 21 + 28 + 28 + 230 + 231 & 538 &:= 2^4 + 5^0 + 14^0 + 14^2 + 18^2 = 24 + 50 + 140 + 142 + 182 \\
 538 &:= 2^1 + 3^4 + 13^1 + 14^0 + 21^2 = 21 + 34 + 131 + 140 + 212 & 538 &:= 2^4 + 5^0 + 6^2 + 18^0 + 22^2 = 24 + 50 + 62 + 180 + 222 \\
 538 &:= 2^1 + 4^4 + 8^0 + 16^2 + 23^1 = 21 + 44 + 80 + 162 + 231 & 538 &:= 2^4 + 6^0 + 13^0 + 14^2 + 18^2 = 24 + 60 + 130 + 142 + 182 \\
 538 &:= 2^1 + 5^3 + 11^2 + 17^2 + 18^0 = 21 + 53 + 112 + 172 + 180 & 538 &:= 2^4 + 6^0 + 6^2 + 17^0 + 22^2 = 24 + 60 + 62 + 170 + 222 \\
 538 &:= 2^1 + 5^3 + 7^2 + 19^2 + 20^0 = 21 + 53 + 72 + 192 + 200 & 538 &:= 2^4 + 6^2 + 10^0 + 13^0 + 22^2 = 24 + 62 + 100 + 130 + 222 \\
 538 &:= 2^2 + 10^2 + 12^0 + 12^2 + 17^2 = 22 + 102 + 120 + 122 + 172 & 538 &:= 2^4 + 6^2 + 11^0 + 12^0 + 22^2 = 24 + 62 + 110 + 120 + 222 \\
 538 &:= 2^2 + 2^2 + 8^3 + 17^1 + 24^0 = 22 + 22 + 83 + 171 + 240 & 538 &:= 2^4 + 6^2 + 7^0 + 16^0 + 22^2 = 24 + 62 + 70 + 160 + 222 \\
 538 &:= 2^2 + 3^3 + 4^0 + 22^1 + 22^2 = 22 + 33 + 40 + 221 + 222 & 538 &:= 2^4 + 6^2 + 8^0 + 15^0 + 22^2 = 24 + 62 + 80 + 150 + 222 \\
 538 &:= 2^2 + 5^3 + 8^1 + 18^0 + 20^2 = 22 + 53 + 81 + 180 + 202 & 538 &:= 2^4 + 6^2 + 9^0 + 14^0 + 22^2 = 24 + 62 + 90 + 140 + 222 \\
 538 &:= 2^2 + 7^3 + 10^0 + 13^2 + 21^1 = 22 + 73 + 100 + 132 + 211 & 538 &:= 2^4 + 7^0 + 12^0 + 14^2 + 18^2 = 24 + 70 + 120 + 142 + 182 \\
 538 &:= 2^2 + 9^2 + 12^0 + 14^2 + 16^2 = 22 + 92 + 120 + 142 + 162 & 538 &:= 2^4 + 8^0 + 11^0 + 14^2 + 18^2 = 24 + 80 + 110 + 142 + 182 \\
 538 &:= 2^3 + 3^1 + 8^3 + 14^1 + 26^0 = 23 + 31 + 83 + 141 + 260 & 538 &:= 2^4 + 8^0 + 8^1 + 8^3 + 27^0 = 24 + 80 + 81 + 83 + 270 \\
 538 &:= 2^3 + 4^0 + 15^1 + 15^2 + 17^2 = 23 + 40 + 151 + 152 + 172 & 538 &:= 2^4 + 8^1 + 8^3 + 10^0 + 25^0 = 24 + 81 + 83 + 100 + 250 \\
 538 &:= 2^3 + 4^0 + 5^2 + 20^1 + 22^2 = 23 + 40 + 52 + 201 + 222 & 538 &:= 2^4 + 8^1 + 8^3 + 11^0 + 24^0 = 24 + 81 + 83 + 110 + 240 \\
 538 &:= 2^3 + 4^1 + 8^3 + 13^1 + 26^0 = 23 + 41 + 83 + 131 + 260 & 538 &:= 2^4 + 8^1 + 8^3 + 12^0 + 23^0 = 24 + 81 + 83 + 120 + 230 \\
 538 &:= 2^3 + 4^2 + 8^3 + 12^0 + 27^0 = 23 + 42 + 83 + 120 + 270 & 538 &:= 2^4 + 8^1 + 8^3 + 13^0 + 22^0 = 24 + 81 + 83 + 130 + 220 \\
 538 &:= 2^3 + 4^2 + 8^3 + 13^0 + 26^0 = 23 + 42 + 83 + 130 + 260 & 538 &:= 2^4 + 8^1 + 8^3 + 14^0 + 21^0 = 24 + 81 + 83 + 140 + 210 \\
 538 &:= 2^3 + 4^2 + 8^3 + 14^0 + 25^0 = 23 + 42 + 83 + 140 + 250 & 538 &:= 2^4 + 8^1 + 8^3 + 15^0 + 20^0 = 24 + 81 + 83 + 150 + 200 \\
 538 &:= 2^3 + 4^2 + 8^3 + 15^0 + 24^0 = 23 + 42 + 83 + 150 + 240 & 538 &:= 2^4 + 8^1 + 8^3 + 16^0 + 19^0 = 24 + 81 + 83 + 160 + 190 \\
 538 &:= 2^3 + 4^2 + 8^3 + 16^0 + 23^0 = 23 + 42 + 83 + 160 + 230 & 538 &:= 2^4 + 8^1 + 8^3 + 17^0 + 18^0 = 24 + 81 + 83 + 170 + 180 \\
 538 &:= 2^3 + 4^2 + 8^3 + 17^0 + 22^0 = 23 + 42 + 83 + 170 + 220 & 538 &:= 2^4 + 8^1 + 8^3 + 9^0 + 26^0 = 24 + 81 + 83 + 90 + 260 \\
 538 &:= 2^3 + 4^2 + 8^3 + 18^0 + 21^0 = 23 + 42 + 83 + 180 + 210 & 538 &:= 2^4 + 9^0 + 10^0 + 14^2 + 18^2 = 24 + 90 + 100 + 142 + 182 \\
 538 &:= 2^3 + 4^2 + 8^3 + 19^0 + 20^0 = 23 + 42 + 83 + 190 + 200 & 538 &:= 2^5 + 2^7 + 3^3 + 18^2 + 27^1 = 25 + 27 + 33 + 182 + 271 \\
 538 &:= 2^3 + 5^1 + 8^3 + 12^1 + 26^0 = 23 + 51 + 83 + 121 + 260 & 538 &:= 2^5 + 3^0 + 6^0 + 20^1 + 22^2 = 25 + 30 + 60 + 201 + 222 \\
 538 &:= 2^3 + 6^1 + 8^3 + 11^1 + 26^0 = 23 + 61 + 83 + 111 + 260 & 538 &:= 2^5 + 4^0 + 5^0 + 20^1 + 22^2 = 25 + 40 + 50 + 201 + 222 \\
 538 &:= 2^3 + 6^2 + 9^1 + 14^0 + 22^2 = 23 + 62 + 91 + 140 + 222 & 538 &:= 2^7 + 2^7 + 5^2 + 16^2 + 27^0 = 27 + 27 + 52 + 162 + 270 \\
 538 &:= 2^3 + 7^1 + 8^3 + 10^1 + 26^0 = 23 + 71 + 83 + 101 + 260 & 538 &:= 2^7 + 2^8 + 9^1 + 12^2 + 27^0 = 27 + 28 + 91 + 122 + 270 \\
 538 &:= 2^3 + 7^1 + 9^2 + 14^0 + 21^2 = 23 + 71 + 92 + 140 + 212 & 538 &:= 2^8 + 2^8 + 10^1 + 15^1 + 23^0 = 28 + 28 + 101 + 151 + 230 \\
 538 &:= 2^3 + 8^1 + 11^2 + 12^0 + 20^2 = 23 + 81 + 112 + 120 + 202 & 538 &:= 2^8 + 2^8 + 11^1 + 14^1 + 23^0 = 28 + 28 + 111 + 141 + 230 \\
 538 &:= 2^3 + 8^1 + 8^3 + 9^1 + 26^0 = 23 + 81 + 83 + 91 + 260 & 538 &:= 2^8 + 2^8 + 12^1 + 13^1 + 23^0 = 28 + 28 + 121 + 131 + 230 \\
 538 &:= 2^3 + 9^1 + 10^0 + 14^2 + 18^2 = 23 + 91 + 100 + 142 + 182 & 538 &:= 2^8 + 2^8 + 3^1 + 22^1 + 23^0 = 28 + 28 + 31 + 221 + 230 \\
 538 &:= 2^4 + 2^5 + 2^6 + 20^2 + 26^1 = 24 + 25 + 26 + 202 + 261 & 538 &:= 2^8 + 2^8 + 4^1 + 21^1 + 23^0 = 28 + 28 + 41 + 211 + 230 \\
 538 &:= 2^4 + 2^5 + 2^7 + 19^2 + 27^0 = 24 + 25 + 27 + 192 + 270 & 538 &:= 2^8 + 2^8 + 5^1 + 20^1 + 23^0 = 28 + 28 + 51 + 201 + 230 \\
 538 &:= 2^4 + 2^8 + 3^5 + 22^1 + 23^0 = 24 + 28 + 35 + 221 + 230 & 538 &:= 2^8 + 2^8 + 6^1 + 19^1 + 23^0 = 28 + 28 + 61 + 191 + 230 \\
 538 &:= 2^4 + 3^0 + 14^2 + 16^0 + 18^2 = 24 + 30 + 142 + 160 + 182 & 538 &:= 2^8 + 2^8 + 7^1 + 18^1 + 23^0 = 28 + 28 + 71 + 181 + 230 \\
 538 &:= 2^4 + 3^0 + 6^2 + 20^0 + 22^2 = 24 + 30 + 62 + 200 + 222 & 538 &:= 2^8 + 2^8 + 8^1 + 17^1 + 23^0 = 28 + 28 + 81 + 171 + 230 \\
 538 &:= 2^4 + 4^0 + 14^2 + 15^0 + 18^2 = 24 + 40 + 142 + 150 + 182 & 538 &:= 2^8 + 2^8 + 9^1 + 16^1 + 23^0 = 28 + 28 + 91 + 161 + 230 \\
 538 &:= 2^4 + 4^0 + 6^2 + 19^0 + 22^2 = 24 + 40 + 62 + 190 + 222 & 538 &:= 3^0 + 3^5 + 4^1 + 17^2 + 26^0 = 30 + 35 + 41 + 172 + 260
 \end{aligned}$$

$$\begin{aligned} 538 &:= 3^0 + 4^3 + 6^3 + 16^2 + 24^0 = 30 + 43 + 63 + 162 + 240 & 538 &:= 4^2 + 4^3 + 8^0 + 16^1 + 21^2 = 42 + 43 + 80 + 161 + 212 \\ 538 &:= 3^1 + 3^2 + 5^3 + 20^2 + 22^0 = 31 + 32 + 53 + 202 + 220 & 538 &:= 4^2 + 6^2 + 12^0 + 14^2 + 17^2 = 42 + 62 + 120 + 142 + 172 \\ 538 &:= 3^1 + 3^4 + 12^1 + 14^0 + 21^2 = 31 + 34 + 121 + 140 + 212 & 538 &:= 4^2 + 6^3 + 10^0 + 16^1 + 17^2 = 42 + 63 + 100 + 161 + 172 \\ 538 &:= 3^1 + 4^4 + 8^0 + 16^2 + 22^1 = 31 + 44 + 80 + 162 + 221 & 538 &:= 4^2 + 7^3 + 9^1 + 13^2 + 20^0 = 42 + 73 + 91 + 132 + 200 \\ 538 &:= 3^2 + 3^3 + 8^0 + 17^1 + 22^2 = 32 + 33 + 80 + 171 + 222 & 538 &:= 4^3 + 5^0 + 6^3 + 16^2 + 22^0 = 43 + 50 + 63 + 162 + 220 \\ 538 &:= 3^2 + 4^0 + 6^3 + 17^2 + 23^1 = 32 + 40 + 63 + 172 + 231 & 538 &:= 4^3 + 5^1 + 12^2 + 14^0 + 18^2 = 43 + 51 + 122 + 140 + 182 \\ 538 &:= 3^2 + 4^2 + 14^0 + 16^2 + 16^2 = 32 + 42 + 140 + 162 + 162 & 538 &:= 4^3 + 5^2 + 7^1 + 16^0 + 21^2 = 43 + 52 + 71 + 160 + 212 \\ 538 &:= 3^2 + 7^3 + 13^2 + 14^0 + 16^1 = 32 + 73 + 132 + 140 + 161 & 538 &:= 4^3 + 6^0 + 6^3 + 16^2 + 21^0 = 43 + 60 + 63 + 162 + 210 \\ 538 &:= 3^2 + 8^2 + 8^2 + 14^0 + 20^2 = 32 + 82 + 82 + 140 + 202 & 538 &:= 4^3 + 6^3 + 10^0 + 16^2 + 17^0 = 43 + 63 + 100 + 162 + 170 \\ 538 &:= 3^3 + 10^0 + 10^1 + 10^2 + 20^2 = 33 + 100 + 101 + 102 + 202 & 538 &:= 4^3 + 6^3 + 11^0 + 16^0 + 16^2 = 43 + 63 + 110 + 160 + 162 \\ 538 &:= 3^3 + 4^2 + 10^1 + 14^0 + 22^2 = 33 + 42 + 101 + 140 + 222 & 538 &:= 4^3 + 6^3 + 12^0 + 15^0 + 16^2 = 43 + 63 + 120 + 150 + 162 \\ 538 &:= 3^3 + 5^1 + 12^2 + 14^0 + 19^2 = 33 + 51 + 122 + 140 + 192 & 538 &:= 4^3 + 6^3 + 13^0 + 14^0 + 16^2 = 43 + 63 + 130 + 140 + 162 \\ 538 &:= 3^3 + 5^1 + 8^2 + 16^0 + 21^2 = 33 + 51 + 82 + 160 + 212 & 538 &:= 4^3 + 6^3 + 7^0 + 16^2 + 20^0 = 43 + 63 + 70 + 162 + 200 \\ 538 &:= 3^4 + 4^1 + 11^1 + 14^0 + 21^2 = 34 + 41 + 111 + 140 + 212 & 538 &:= 4^3 + 6^3 + 8^0 + 16^2 + 19^0 = 43 + 63 + 80 + 162 + 190 \\ 538 &:= 3^4 + 5^1 + 10^1 + 14^0 + 21^2 = 34 + 51 + 101 + 140 + 212 & 538 &:= 4^3 + 6^3 + 9^0 + 16^2 + 18^0 = 43 + 63 + 90 + 162 + 180 \\ 538 &:= 3^4 + 6^1 + 9^1 + 14^0 + 21^2 = 34 + 61 + 91 + 140 + 212 & 538 &:= 4^3 + 8^0 + 10^2 + 12^1 + 19^2 = 43 + 80 + 102 + 121 + 192 \\ 538 &:= 3^4 + 7^1 + 8^1 + 14^0 + 21^2 = 34 + 71 + 81 + 140 + 212 & 538 &:= 4^3 + 8^2 + 9^1 + 12^0 + 20^2 = 43 + 82 + 91 + 120 + 202 \\ 538 &:= 3^5 + 4^0 + 4^1 + 17^2 + 25^0 = 35 + 40 + 41 + 172 + 250 & 538 &:= 4^4 + 5^1 + 8^0 + 16^2 + 20^1 = 44 + 51 + 80 + 162 + 201 \\ 538 &:= 3^5 + 4^1 + 10^0 + 17^2 + 19^0 = 35 + 41 + 100 + 172 + 190 & 538 &:= 4^4 + 6^1 + 8^0 + 16^2 + 19^1 = 44 + 61 + 80 + 162 + 191 \\ 538 &:= 3^5 + 4^1 + 11^0 + 17^2 + 18^0 = 35 + 41 + 110 + 172 + 180 & 538 &:= 4^4 + 7^1 + 8^0 + 16^2 + 18^1 = 44 + 71 + 80 + 162 + 181 \\ 538 &:= 3^5 + 4^1 + 12^0 + 17^0 + 17^2 = 35 + 41 + 120 + 170 + 172 & 538 &:= 4^4 + 8^0 + 10^1 + 15^1 + 16^2 = 44 + 80 + 101 + 151 + 162 \\ 538 &:= 3^5 + 4^1 + 13^0 + 16^0 + 17^2 = 35 + 41 + 130 + 160 + 172 & 538 &:= 4^4 + 8^0 + 11^1 + 14^1 + 16^2 = 44 + 80 + 111 + 141 + 162 \\ 538 &:= 3^5 + 4^1 + 14^0 + 15^0 + 17^2 = 35 + 41 + 140 + 150 + 172 & 538 &:= 4^4 + 8^0 + 12^1 + 13^1 + 16^2 = 44 + 80 + 121 + 131 + 162 \\ 538 &:= 3^5 + 4^1 + 5^0 + 17^2 + 24^0 = 35 + 41 + 50 + 172 + 240 & 538 &:= 4^4 + 8^0 + 8^1 + 16^2 + 17^1 = 44 + 80 + 81 + 162 + 171 \\ 538 &:= 3^5 + 4^1 + 6^0 + 17^2 + 23^0 = 35 + 41 + 60 + 172 + 230 & 538 &:= 4^4 + 8^0 + 9^1 + 16^1 + 16^2 = 44 + 80 + 91 + 161 + 162 \\ 538 &:= 3^5 + 4^1 + 7^0 + 17^2 + 22^0 = 35 + 41 + 70 + 172 + 220 & 538 &:= 5^2 + 6^3 + 7^1 + 17^2 + 18^0 = 52 + 63 + 71 + 172 + 180 \\ 538 &:= 3^5 + 4^1 + 8^0 + 17^2 + 21^0 = 35 + 41 + 80 + 172 + 210 & 538 &:= 5^3 + 6^2 + 8^0 + 15^1 + 19^2 = 53 + 62 + 80 + 151 + 192 \\ 538 &:= 3^5 + 4^1 + 9^0 + 17^2 + 20^0 = 35 + 41 + 90 + 172 + 200 & 538 &:= 5^3 + 7^1 + 9^2 + 14^0 + 18^2 = 53 + 71 + 92 + 140 + 182 \\ 538 &:= 4^0 + 4^3 + 13^2 + 15^1 + 17^2 = 40 + 43 + 132 + 151 + 172 & 538 &:= 5^3 + 8^0 + 12^1 + 12^2 + 16^2 = 53 + 80 + 121 + 122 + 162 \\ 538 &:= 4^0 + 4^3 + 6^3 + 16^2 + 23^0 = 40 + 43 + 63 + 162 + 230 & 538 &:= 6^2 + 7^2 + 10^0 + 14^2 + 16^2 = 62 + 72 + 100 + 142 + 162 \\ 538 &:= 4^0 + 5^2 + 7^3 + 12^2 + 25^1 = 40 + 52 + 73 + 122 + 251 & 538 &:= 6^2 + 7^3 + 12^2 + 14^0 + 14^1 = 62 + 73 + 122 + 140 + 141 \\ 538 &:= 4^0 + 7^2 + 7^3 + 11^2 + 24^1 = 40 + 72 + 73 + 112 + 241 & 538 &:= 6^3 + 7^2 + 8^0 + 16^1 + 16^2 = 63 + 72 + 80 + 161 + 162 \\ 538 &:= 4^1 + 4^4 + 8^0 + 16^2 + 21^1 = 41 + 44 + 80 + 162 + 211 & 538 &:= 6^3 + 8^0 + 9^2 + 15^1 + 15^2 = 63 + 80 + 92 + 151 + 152 \\ 538 &:= 4^1 + 6^3 + 11^2 + 14^2 + 18^0 = 41 + 63 + 112 + 142 + 180 & 538 &:= 6^3 + 8^1 + 12^2 + 13^2 + 14^0 = 63 + 81 + 122 + 132 + 140 \\ 538 &:= 4^2 + 10^0 + 10^2 + 14^2 + 15^2 = 42 + 100 + 102 + 142 + 152 & 538 &:= 7^2 + 8^2 + 10^0 + 10^2 + 18^2 = 72 + 82 + 100 + 102 + 182 \\ 538 &:= 4^2 + 10^0 + 11^2 + 12^2 + 16^2 = 42 + 100 + 112 + 122 + 162 & 538 &:= 7^3 + 8^2 + 9^1 + 11^2 + 18^0 = 73 + 82 + 91 + 112 + 180 \\ 538 &:= 4^2 + 4^2 + 12^2 + 14^0 + 19^2 = 42 + 42 + 122 + 140 + 192 & 538 &:= 7^3 + 9^2 + 10^2 + 13^1 + 14^0 = 73 + 92 + 102 + 131 + 140 \\ 538 &:= 4^2 + 4^2 + 8^2 + 16^0 + 21^2 = 42 + 42 + 82 + 160 + 212 & 538 &:= 8^0 + 8^2 + 9^2 + 14^2 + 14^2 = 80 + 82 + 92 + 142 + 142 \end{aligned}$$

$$538 := 8^0 + 9^2 + 10^2 + 10^2 + 16^2 = 80 + 92 + 102 + 102 + 162$$

2.2.440 Number 539

$$539 := 1^3 + 3^3 + 22^2 + 27^1 = 13 + 33 + 222 + 271$$

$$539 := 1^4 + 2^3 + 23^2 + 27^0 = 14 + 23 + 232 + 270$$

$$539 := 1^4 + 5^2 + 8^3 + 39^0 = 14 + 52 + 83 + 390$$

$$539 := 1^5 + 8^3 + 19^0 + 25^1 = 15 + 83 + 190 + 251$$

$$539 := 1^6 + 8^1 + 21^0 + 23^2 = 16 + 81 + 210 + 232$$

$$539 := 1^8 + 2^9 + 5^2 + 44^0 = 18 + 29 + 52 + 440$$

$$539 := 1^9 + 2^9 + 24^0 + 25^1 = 19 + 29 + 240 + 251$$

$$539 := 2^3 + 4^3 + 21^2 + 26^1 = 23 + 43 + 212 + 261$$

$$539 := 3^3 + 5^3 + 19^2 + 26^1 = 33 + 53 + 192 + 261$$

$$539 := 4^3 + 5^3 + 18^2 + 26^1 = 43 + 53 + 182 + 261$$

$$539 := 4^3 + 7^3 + 10^2 + 32^1 = 43 + 73 + 102 + 321$$

$$539 := 4^4 + 4^4 + 19^0 + 26^1 = 44 + 44 + 190 + 261$$

$$539 := 5^3 + 6^2 + 7^3 + 35^1 = 53 + 62 + 73 + 351$$

$$539 := 5^3 + 6^3 + 13^2 + 29^1 = 53 + 63 + 132 + 291$$

$$539 := 1^0 + 1^3 + 3^3 + 22^2 + 26^1 = 10 + 13 + 33 + 222 + 261$$

$$539 := 1^0 + 1^5 + 8^3 + 19^0 + 24^1 = 10 + 15 + 83 + 190 + 241$$

$$539 := 1^0 + 1^6 + 7^1 + 21^0 + 23^2 = 10 + 16 + 71 + 210 + 232$$

$$539 := 1^0 + 1^9 + 2^9 + 24^0 + 24^1 = 10 + 19 + 29 + 240 + 241$$

$$539 := 1^0 + 2^3 + 4^3 + 21^2 + 25^1 = 10 + 23 + 43 + 212 + 251$$

$$539 := 1^0 + 2^5 + 12^2 + 19^0 + 19^2 = 10 + 25 + 122 + 190 + 192$$

$$539 := 1^0 + 2^5 + 8^2 + 21^0 + 21^2 = 10 + 25 + 82 + 210 + 212$$

$$539 := 1^0 + 3^3 + 5^3 + 19^2 + 25^1 = 10 + 33 + 53 + 192 + 251$$

$$539 := 1^0 + 4^3 + 5^3 + 18^2 + 25^1 = 10 + 43 + 53 + 182 + 251$$

$$539 := 1^0 + 4^4 + 4^4 + 19^0 + 25^1 = 10 + 44 + 44 + 190 + 251$$

$$539 := 1^1 + 1^2 + 3^3 + 22^2 + 26^1 = 11 + 12 + 33 + 222 + 261$$

$$539 := 1^1 + 1^4 + 8^3 + 19^0 + 24^1 = 11 + 14 + 83 + 190 + 241$$

$$539 := 1^1 + 1^5 + 7^1 + 21^0 + 23^2 = 11 + 15 + 71 + 210 + 232$$

$$539 := 1^1 + 1^8 + 2^9 + 24^0 + 24^1 = 11 + 18 + 29 + 240 + 241$$

$$539 := 1^1 + 2^3 + 16^2 + 16^2 + 18^1 = 11 + 23 + 162 + 162 + 181$$

$$539 := 1^1 + 2^4 + 11^2 + 19^0 + 20^2 = 11 + 24 + 112 + 190 + 202$$

$$539 := 1^1 + 2^5 + 7^0 + 21^1 + 22^2 = 11 + 25 + 70 + 211 + 222$$

$$539 := 1^1 + 3^2 + 4^3 + 21^2 + 24^1 = 11 + 32 + 43 + 212 + 241$$

$$539 := 1^1 + 3^3 + 13^2 + 18^1 + 18^2 = 11 + 33 + 132 + 181 + 182$$

$$539 := 1^1 + 3^3 + 7^2 + 21^1 + 21^2 = 11 + 33 + 72 + 211 + 212$$

$$539 := 1^1 + 3^5 + 5^1 + 17^2 + 27^0 = 11 + 35 + 51 + 172 + 270$$

$$539 := 1^1 + 4^4 + 5^2 + 16^2 + 27^0 = 11 + 44 + 52 + 162 + 270$$

$$539 := 1^1 + 5^3 + 13^2 + 15^2 + 19^1 = 11 + 53 + 132 + 152 + 191$$

$$539 := 1^1 + 5^3 + 6^3 + 14^2 + 27^0 = 11 + 53 + 63 + 142 + 270$$

$$539 := 1^2 + 1^3 + 8^3 + 19^0 + 24^1 = 12 + 13 + 83 + 190 + 241$$

$$539 := 1^2 + 1^4 + 7^1 + 21^0 + 23^2 = 12 + 14 + 71 + 210 + 232$$

$$539 := 1^2 + 1^7 + 2^9 + 24^0 + 24^1 = 12 + 17 + 29 + 240 + 241$$

$$539 := 1^2 + 10^2 + 10^2 + 14^1 + 18^2 = 12 + 102 + 102 + 141 + 182$$

$$539 := 1^2 + 10^2 + 13^1 + 13^2 + 16^2 = 12 + 102 + 131 + 132 + 162$$

$$539 := 1^2 + 2^1 + 3^3 + 22^2 + 25^1 = 12 + 21 + 33 + 222 + 251$$

$$539 := 1^2 + 2^3 + 8^3 + 17^1 + 25^0 = 12 + 23 + 83 + 171 + 250$$

$$539 := 1^2 + 2^8 + 2^8 + 22^0 + 25^1 = 12 + 28 + 28 + 220 + 251$$

$$539 := 1^2 + 3^1 + 3^3 + 22^2 + 24^1 = 12 + 31 + 33 + 222 + 241$$

$$539 := 1^2 + 3^2 + 16^2 + 16^2 + 17^1 = 12 + 32 + 162 + 162 + 171$$

$$539 := 1^2 + 3^3 + 10^1 + 17^1 + 22^2 = 12 + 33 + 101 + 171 + 222$$

$$539 := 1^2 + 3^3 + 11^1 + 16^1 + 22^2 = 12 + 33 + 111 + 161 + 222$$

$$539 := 1^2 + 3^3 + 12^1 + 15^1 + 22^2 = 12 + 33 + 121 + 151 + 222$$

$$539 := 1^2 + 3^3 + 13^1 + 14^1 + 22^2 = 12 + 33 + 131 + 141 + 222$$

$$539 := 1^2 + 3^3 + 4^1 + 22^2 + 23^1 = 12 + 33 + 41 + 222 + 231$$

$$539 := 1^2 + 3^3 + 5^1 + 22^1 + 22^2 = 12 + 33 + 51 + 221 + 222$$

$$539 := 1^2 + 3^3 + 6^1 + 21^1 + 22^2 = 12 + 33 + 61 + 211 + 222$$

$$539 := 1^2 + 3^3 + 7^1 + 20^1 + 22^2 = 12 + 33 + 71 + 201 + 222$$

$$539 := 1^2 + 3^3 + 8^1 + 19^1 + 22^2 = 12 + 33 + 81 + 191 + 222$$

$$539 := 1^2 + 3^3 + 9^1 + 18^1 + 22^2 = 12 + 33 + 91 + 181 + 222$$

$$539 := 1^2 + 3^4 + 13^0 + 15^1 + 21^2 = 12 + 34 + 130 + 151 + 212$$

$$539 := 1^2 + 4^2 + 12^2 + 17^1 + 19^2 = 12 + 42 + 122 + 171 + 192$$

$$539 := 1^2 + 4^2 + 4^2 + 22^1 + 22^2 = 12 + 42 + 42 + 221 + 222$$

$$539 := 1^2 + 4^4 + 7^0 + 16^2 + 25^1 = 12 + 44 + 70 + 162 + 251$$

$$539 := 1^2 + 5^2 + 7^3 + 13^2 + 27^0 = 12 + 52 + 73 + 132 + 270$$

$$539 := 1^2 + 9^2 + 9^2 + 15^1 + 19^2 = 12 + 92 + 92 + 151 + 192$$

$$539 := 1^3 + 1^3 + 7^1 + 21^0 + 23^2 = 13 + 13 + 71 + 210 + 232$$

$$539 := 1^3 + 1^6 + 2^9 + 24^0 + 24^1 = 13 + 16 + 29 + 240 + 241$$

$$539 := 1^3 + 2^2 + 2^2 + 23^2 + 25^0 = 13 + 22 + 22 + 232 + 250$$

$$539 := 1^3 + 2^2 + 7^2 + 21^0 + 22^2 = 13 + 22 + 72 + 210 + 222$$

$$539 := 1^3 + 2^2 + 8^3 + 21^0 + 21^1 = 13 + 22 + 83 + 210 + 211$$

$$539 := 1^3 + 3^2 + 8^3 + 16^1 + 25^0 = 13 + 32 + 83 + 161 + 250$$

$$\begin{aligned} 539 &:= 1^3 + 4^2 + 11^2 + 17^0 + 20^2 = 13 + 42 + 112 + 170 + 202 & 539 &:= 1^6 + 2^8 + 4^4 + 20^0 + 25^1 = 16 + 28 + 44 + 200 + 251 \\ 539 &:= 1^3 + 5^2 + 15^0 + 16^2 + 16^2 = 13 + 52 + 150 + 162 + 162 & 539 &:= 1^6 + 3^0 + 7^1 + 19^0 + 23^2 = 16 + 30 + 71 + 190 + 232 \\ 539 &:= 1^3 + 5^3 + 12^1 + 15^0 + 20^2 = 13 + 53 + 121 + 150 + 202 & 539 &:= 1^6 + 4^0 + 7^1 + 18^0 + 23^2 = 16 + 40 + 71 + 180 + 232 \\ 539 &:= 1^3 + 7^0 + 7^3 + 13^2 + 25^1 = 13 + 70 + 73 + 132 + 251 & 539 &:= 1^6 + 5^0 + 7^1 + 17^0 + 23^2 = 16 + 50 + 71 + 170 + 232 \\ 539 &:= 1^4 + 1^5 + 2^9 + 24^0 + 24^1 = 14 + 15 + 29 + 240 + 241 & 539 &:= 1^6 + 6^0 + 7^1 + 16^0 + 23^2 = 16 + 60 + 71 + 160 + 232 \\ 539 &:= 1^4 + 2^1 + 8^3 + 19^0 + 23^1 = 14 + 21 + 83 + 190 + 231 & 539 &:= 1^6 + 7^0 + 7^1 + 15^0 + 23^2 = 16 + 70 + 71 + 150 + 232 \\ 539 &:= 1^4 + 2^2 + 4^1 + 23^0 + 23^2 = 14 + 22 + 41 + 230 + 232 & 539 &:= 1^6 + 7^1 + 10^0 + 12^0 + 23^2 = 16 + 71 + 100 + 120 + 232 \\ 539 &:= 1^4 + 3^0 + 14^2 + 17^1 + 18^2 = 14 + 30 + 142 + 171 + 182 & 539 &:= 1^6 + 7^1 + 11^0 + 11^0 + 23^2 = 16 + 71 + 110 + 110 + 232 \\ 539 &:= 1^4 + 3^1 + 8^3 + 19^0 + 22^1 = 14 + 31 + 83 + 190 + 221 & 539 &:= 1^6 + 7^1 + 8^0 + 14^0 + 23^2 = 16 + 71 + 80 + 140 + 232 \\ 539 &:= 1^4 + 4^1 + 7^2 + 19^0 + 22^2 = 14 + 41 + 72 + 190 + 222 & 539 &:= 1^6 + 7^1 + 9^0 + 13^0 + 23^2 = 16 + 71 + 90 + 130 + 232 \\ 539 &:= 1^4 + 4^1 + 8^3 + 19^0 + 21^1 = 14 + 41 + 83 + 190 + 211 & 539 &:= 1^7 + 1^8 + 8^3 + 18^0 + 24^1 = 17 + 18 + 83 + 180 + 241 \\ 539 &:= 1^4 + 5^0 + 11^2 + 16^1 + 20^2 = 14 + 50 + 112 + 161 + 202 & 539 &:= 1^7 + 1^9 + 7^1 + 20^0 + 23^2 = 17 + 19 + 71 + 200 + 232 \\ 539 &:= 1^4 + 5^1 + 8^3 + 19^0 + 20^1 = 14 + 51 + 83 + 190 + 201 & 539 &:= 1^7 + 2^2 + 2^9 + 21^1 + 26^0 = 17 + 22 + 29 + 211 + 260 \\ 539 &:= 1^4 + 6^1 + 8^3 + 19^0 + 19^1 = 14 + 61 + 83 + 190 + 191 & 539 &:= 1^8 + 1^8 + 7^1 + 20^0 + 23^2 = 18 + 18 + 71 + 200 + 232 \\ 539 &:= 1^4 + 6^2 + 7^0 + 17^1 + 22^2 = 14 + 62 + 70 + 171 + 222 & 539 &:= 1^8 + 2^1 + 2^9 + 23^1 + 24^0 = 18 + 21 + 29 + 231 + 240 \\ 539 &:= 1^4 + 7^0 + 9^2 + 15^1 + 21^2 = 14 + 70 + 92 + 151 + 212 & 539 &:= 1^8 + 2^7 + 3^2 + 20^2 + 26^0 = 18 + 27 + 32 + 202 + 260 \\ 539 &:= 1^4 + 7^1 + 13^0 + 13^2 + 19^2 = 14 + 71 + 130 + 132 + 192 & 539 &:= 1^8 + 2^8 + 8^0 + 16^2 + 25^1 = 18 + 28 + 80 + 162 + 251 \\ 539 &:= 1^4 + 7^1 + 8^3 + 18^1 + 19^0 = 14 + 71 + 83 + 181 + 190 & 539 &:= 1^8 + 2^9 + 10^1 + 15^1 + 24^0 = 18 + 29 + 101 + 151 + 240 \\ 539 &:= 1^4 + 8^1 + 8^3 + 17^1 + 19^0 = 14 + 81 + 83 + 171 + 190 & 539 &:= 1^8 + 2^9 + 11^1 + 14^1 + 24^0 = 18 + 29 + 111 + 141 + 240 \\ 539 &:= 1^4 + 8^3 + 10^1 + 15^1 + 19^0 = 14 + 83 + 101 + 151 + 190 & 539 &:= 1^8 + 2^9 + 12^1 + 13^1 + 24^0 = 18 + 29 + 121 + 131 + 240 \\ 539 &:= 1^4 + 8^3 + 11^1 + 14^1 + 19^0 = 14 + 83 + 111 + 141 + 190 & 539 &:= 1^8 + 2^9 + 3^1 + 22^1 + 24^0 = 18 + 29 + 31 + 221 + 240 \\ 539 &:= 1^4 + 8^3 + 12^1 + 13^1 + 19^0 = 14 + 83 + 121 + 131 + 190 & 539 &:= 1^8 + 2^9 + 4^1 + 21^1 + 24^0 = 18 + 29 + 41 + 211 + 240 \\ 539 &:= 1^4 + 8^3 + 9^1 + 16^1 + 19^0 = 14 + 83 + 91 + 161 + 190 & 539 &:= 1^8 + 2^9 + 5^1 + 20^1 + 24^0 = 18 + 29 + 51 + 201 + 240 \\ 539 &:= 1^5 + 2^0 + 8^3 + 18^0 + 24^1 = 15 + 20 + 83 + 180 + 241 & 539 &:= 1^8 + 2^9 + 6^1 + 19^1 + 24^0 = 18 + 29 + 61 + 191 + 240 \\ 539 &:= 1^5 + 2^1 + 6^1 + 21^0 + 23^2 = 15 + 21 + 61 + 210 + 232 & 539 &:= 1^8 + 2^9 + 7^1 + 18^1 + 24^0 = 18 + 29 + 71 + 181 + 240 \\ 539 &:= 1^5 + 3^0 + 8^3 + 17^0 + 24^1 = 15 + 30 + 83 + 170 + 241 & 539 &:= 1^8 + 2^9 + 8^1 + 17^1 + 24^0 = 18 + 29 + 81 + 171 + 240 \\ 539 &:= 1^5 + 3^1 + 5^1 + 21^0 + 23^2 = 15 + 31 + 51 + 210 + 232 & 539 &:= 1^8 + 2^9 + 9^1 + 16^1 + 24^0 = 18 + 29 + 91 + 161 + 240 \\ 539 &:= 1^5 + 4^0 + 8^3 + 16^0 + 24^1 = 15 + 40 + 83 + 160 + 241 & 539 &:= 1^9 + 2^0 + 2^9 + 23^0 + 24^1 = 19 + 20 + 29 + 230 + 241 \\ 539 &:= 1^5 + 4^1 + 4^1 + 21^0 + 23^2 = 15 + 41 + 41 + 210 + 232 & 539 &:= 1^9 + 2^5 + 4^3 + 21^2 + 24^0 = 19 + 25 + 43 + 212 + 240 \\ 539 &:= 1^5 + 5^0 + 8^3 + 15^0 + 24^1 = 15 + 50 + 83 + 150 + 241 & 539 &:= 1^9 + 2^5 + 6^3 + 17^2 + 26^0 = 19 + 25 + 63 + 172 + 260 \\ 539 &:= 1^5 + 6^0 + 8^3 + 14^0 + 24^1 = 15 + 60 + 83 + 140 + 241 & 539 &:= 1^9 + 2^7 + 9^1 + 20^0 + 20^2 = 19 + 27 + 91 + 200 + 202 \\ 539 &:= 1^5 + 7^0 + 8^3 + 13^0 + 24^1 = 15 + 70 + 83 + 130 + 241 & 539 &:= 1^9 + 2^9 + 10^0 + 15^0 + 24^1 = 19 + 29 + 100 + 150 + 241 \\ 539 &:= 1^5 + 8^0 + 8^3 + 12^0 + 24^1 = 15 + 80 + 83 + 120 + 241 & 539 &:= 1^9 + 2^9 + 11^0 + 14^0 + 24^1 = 19 + 29 + 110 + 140 + 241 \\ 539 &:= 1^5 + 8^3 + 10^0 + 10^0 + 24^1 = 15 + 83 + 100 + 100 + 241 & 539 &:= 1^9 + 2^9 + 12^0 + 13^0 + 24^1 = 19 + 29 + 120 + 130 + 241 \\ 539 &:= 1^5 + 8^3 + 9^0 + 11^0 + 24^1 = 15 + 83 + 90 + 110 + 241 & 539 &:= 1^9 + 2^9 + 3^0 + 22^0 + 24^1 = 19 + 29 + 30 + 220 + 241 \\ 539 &:= 1^6 + 1^9 + 8^3 + 18^0 + 24^1 = 16 + 19 + 83 + 180 + 241 & 539 &:= 1^9 + 2^9 + 4^0 + 21^0 + 24^1 = 19 + 29 + 40 + 210 + 241 \\ 539 &:= 1^6 + 2^0 + 7^1 + 20^0 + 23^2 = 16 + 20 + 71 + 200 + 232 & 539 &:= 1^9 + 2^9 + 5^0 + 20^0 + 24^1 = 19 + 29 + 50 + 200 + 241 \\ 539 &:= 1^6 + 2^5 + 2^6 + 21^2 + 26^0 = 16 + 25 + 26 + 212 + 260 & 539 &:= 1^9 + 2^9 + 6^0 + 19^0 + 24^1 = 19 + 29 + 60 + 190 + 241 \end{aligned}$$

$$\begin{aligned}
 539 &:= 1^9 + 2^9 + 7^0 + 18^0 + 24^1 = 19 + 29 + 70 + 180 + 241 & 539 &:= 2^3 + 7^2 + 9^2 + 15^0 + 20^2 = 23 + 72 + 92 + 150 + 202 \\
 539 &:= 1^9 + 2^9 + 8^0 + 17^0 + 24^1 = 19 + 29 + 80 + 170 + 241 & 539 &:= 2^3 + 7^3 + 13^0 + 13^2 + 18^1 = 23 + 73 + 130 + 132 + 181 \\
 539 &:= 1^9 + 2^9 + 9^0 + 16^0 + 24^1 = 19 + 29 + 90 + 160 + 241 & 539 &:= 2^3 + 8^1 + 11^1 + 16^2 + 16^2 = 23 + 81 + 111 + 162 + 162 \\
 539 &:= 2^0 + 2^5 + 12^2 + 18^0 + 19^2 = 20 + 25 + 122 + 180 + 192 & 539 &:= 2^3 + 9^1 + 10^1 + 16^2 + 16^2 = 23 + 91 + 101 + 162 + 162 \\
 539 &:= 2^0 + 2^5 + 8^2 + 20^0 + 21^2 = 20 + 25 + 82 + 200 + 212 & 539 &:= 2^4 + 3^0 + 12^2 + 17^1 + 19^2 = 24 + 30 + 122 + 171 + 192 \\
 539 &:= 2^0 + 4^4 + 4^4 + 18^0 + 25^1 = 20 + 44 + 44 + 180 + 251 & 539 &:= 2^4 + 3^0 + 4^2 + 22^1 + 22^2 = 24 + 30 + 42 + 221 + 222 \\
 539 &:= 2^1 + 2^3 + 16^2 + 16^2 + 17^1 = 21 + 23 + 162 + 162 + 171 & 539 &:= 2^4 + 3^2 + 8^3 + 13^0 + 27^0 = 24 + 32 + 83 + 130 + 270 \\
 539 &:= 2^1 + 2^4 + 14^2 + 17^0 + 18^2 = 21 + 24 + 142 + 170 + 182 & 539 &:= 2^4 + 3^2 + 8^3 + 14^0 + 26^0 = 24 + 32 + 83 + 140 + 260 \\
 539 &:= 2^1 + 2^4 + 6^2 + 21^0 + 22^2 = 21 + 24 + 62 + 210 + 222 & 539 &:= 2^4 + 3^2 + 8^3 + 15^0 + 25^0 = 24 + 32 + 83 + 150 + 250 \\
 539 &:= 2^1 + 2^5 + 7^0 + 20^1 + 22^2 = 21 + 25 + 70 + 201 + 222 & 539 &:= 2^4 + 3^2 + 8^3 + 16^0 + 24^0 = 24 + 32 + 83 + 160 + 240 \\
 539 &:= 2^1 + 3^2 + 4^3 + 21^2 + 23^1 = 21 + 32 + 43 + 212 + 231 & 539 &:= 2^4 + 3^2 + 8^3 + 17^0 + 23^0 = 24 + 32 + 83 + 170 + 230 \\
 539 &:= 2^1 + 3^3 + 13^2 + 17^1 + 18^2 = 21 + 33 + 132 + 171 + 182 & 539 &:= 2^4 + 3^2 + 8^3 + 18^0 + 22^0 = 24 + 32 + 83 + 180 + 220 \\
 539 &:= 2^1 + 3^3 + 7^2 + 20^1 + 21^2 = 21 + 33 + 72 + 201 + 212 & 539 &:= 2^4 + 3^2 + 8^3 + 19^0 + 21^0 = 24 + 32 + 83 + 190 + 210 \\
 539 &:= 2^1 + 3^5 + 4^1 + 17^2 + 27^0 = 21 + 35 + 41 + 172 + 270 & 539 &:= 2^4 + 3^2 + 8^3 + 20^0 + 20^0 = 24 + 32 + 83 + 200 + 200 \\
 539 &:= 2^1 + 4^3 + 6^3 + 16^2 + 25^0 = 21 + 43 + 63 + 162 + 250 & 539 &:= 2^4 + 5^0 + 8^2 + 17^1 + 21^2 = 24 + 50 + 82 + 171 + 212 \\
 539 &:= 2^1 + 5^3 + 13^2 + 15^2 + 18^1 = 21 + 53 + 132 + 152 + 181 & 539 &:= 2^4 + 5^2 + 11^0 + 13^1 + 22^2 = 24 + 52 + 110 + 131 + 222 \\
 539 &:= 2^2 + 2^2 + 15^2 + 17^1 + 17^2 = 22 + 22 + 152 + 171 + 172 & 539 &:= 2^4 + 8^1 + 11^0 + 15^2 + 17^2 = 24 + 81 + 110 + 152 + 172 \\
 539 &:= 2^2 + 2^2 + 5^2 + 22^1 + 22^2 = 22 + 22 + 52 + 221 + 222 & 539 &:= 2^4 + 9^0 + 10^1 + 16^2 + 16^2 = 24 + 90 + 101 + 162 + 162 \\
 539 &:= 2^2 + 2^3 + 8^3 + 14^1 + 27^0 = 22 + 23 + 83 + 141 + 270 & 539 &:= 2^5 + 10^0 + 10^0 + 12^2 + 19^2 = 25 + 100 + 100 + 122 + 192 \\
 539 &:= 2^2 + 2^8 + 2^8 + 22^1 + 24^0 = 22 + 28 + 28 + 221 + 240 & 539 &:= 2^5 + 3^0 + 12^2 + 17^0 + 19^2 = 25 + 30 + 122 + 170 + 192 \\
 539 &:= 2^2 + 3^2 + 5^3 + 20^2 + 23^0 = 22 + 32 + 53 + 202 + 230 & 539 &:= 2^5 + 3^0 + 8^2 + 19^0 + 21^2 = 25 + 30 + 82 + 190 + 212 \\
 539 &:= 2^2 + 3^4 + 12^1 + 15^0 + 21^2 = 22 + 34 + 121 + 150 + 212 & 539 &:= 2^5 + 3^1 + 7^0 + 19^1 + 22^2 = 25 + 31 + 70 + 191 + 222 \\
 539 &:= 2^2 + 4^4 + 9^0 + 16^2 + 22^1 = 22 + 44 + 90 + 162 + 221 & 539 &:= 2^5 + 4^0 + 12^2 + 16^0 + 19^2 = 25 + 40 + 122 + 160 + 192 \\
 539 &:= 2^2 + 6^2 + 14^1 + 14^2 + 17^2 = 22 + 62 + 141 + 142 + 172 & 539 &:= 2^5 + 4^0 + 8^2 + 18^0 + 21^2 = 25 + 40 + 82 + 180 + 212 \\
 539 &:= 2^2 + 8^2 + 13^1 + 13^2 + 17^2 = 22 + 82 + 131 + 132 + 172 & 539 &:= 2^5 + 4^1 + 7^0 + 18^1 + 22^2 = 25 + 41 + 70 + 181 + 222 \\
 539 &:= 2^3 + 3^0 + 6^3 + 17^2 + 25^1 = 23 + 30 + 63 + 172 + 251 & 539 &:= 2^5 + 5^0 + 12^2 + 15^0 + 19^2 = 25 + 50 + 122 + 150 + 192 \\
 539 &:= 2^3 + 3^1 + 16^1 + 16^2 + 16^2 = 23 + 31 + 161 + 162 + 162 & 539 &:= 2^5 + 5^0 + 8^2 + 17^0 + 21^2 = 25 + 50 + 82 + 170 + 212 \\
 539 &:= 2^3 + 3^2 + 11^2 + 17^0 + 20^2 = 23 + 32 + 112 + 170 + 202 & 539 &:= 2^5 + 5^1 + 7^0 + 17^1 + 22^2 = 25 + 51 + 70 + 171 + 222 \\
 539 &:= 2^3 + 3^3 + 7^0 + 19^1 + 22^2 = 23 + 33 + 70 + 191 + 222 & 539 &:= 2^5 + 6^0 + 12^2 + 14^0 + 19^2 = 25 + 60 + 122 + 140 + 192 \\
 539 &:= 2^3 + 4^1 + 15^1 + 16^2 + 16^2 = 23 + 41 + 151 + 162 + 162 & 539 &:= 2^5 + 6^0 + 8^2 + 16^0 + 21^2 = 25 + 60 + 82 + 160 + 212 \\
 539 &:= 2^3 + 4^2 + 15^0 + 15^2 + 17^2 = 23 + 42 + 150 + 152 + 172 & 539 &:= 2^5 + 6^1 + 7^0 + 16^1 + 22^2 = 25 + 61 + 70 + 161 + 222 \\
 539 &:= 2^3 + 5^1 + 14^1 + 16^2 + 16^2 = 23 + 51 + 141 + 162 + 162 & 539 &:= 2^5 + 7^0 + 10^1 + 12^1 + 22^2 = 25 + 70 + 101 + 121 + 222 \\
 539 &:= 2^3 + 5^1 + 5^3 + 20^2 + 21^0 = 23 + 51 + 53 + 202 + 210 & 539 &:= 2^5 + 7^0 + 11^1 + 11^1 + 22^2 = 25 + 70 + 111 + 111 + 222 \\
 539 &:= 2^3 + 5^2 + 12^2 + 15^0 + 19^2 = 23 + 52 + 122 + 150 + 192 & 539 &:= 2^5 + 7^0 + 12^2 + 13^0 + 19^2 = 25 + 70 + 122 + 130 + 192 \\
 539 &:= 2^3 + 5^2 + 8^2 + 17^0 + 21^2 = 23 + 52 + 82 + 170 + 212 & 539 &:= 2^5 + 7^0 + 7^1 + 15^1 + 22^2 = 25 + 70 + 71 + 151 + 222 \\
 539 &:= 2^3 + 6^1 + 13^1 + 16^2 + 16^2 = 23 + 61 + 131 + 162 + 162 & 539 &:= 2^5 + 7^0 + 8^1 + 14^1 + 22^2 = 25 + 70 + 81 + 141 + 222 \\
 539 &:= 2^3 + 7^1 + 12^1 + 16^2 + 16^2 = 23 + 71 + 121 + 162 + 162 & 539 &:= 2^5 + 7^0 + 8^2 + 15^0 + 21^2 = 25 + 70 + 82 + 150 + 212 \\
 539 &:= 2^3 + 7^2 + 13^0 + 15^2 + 16^2 = 23 + 72 + 130 + 152 + 162 & 539 &:= 2^5 + 7^0 + 9^1 + 13^1 + 22^2 = 25 + 70 + 91 + 131 + 222
 \end{aligned}$$

$$\begin{aligned} 539 &:= 2^5 + 8^0 + 12^0 + 12^2 + 19^2 = 25 + 80 + 120 + 122 + 192 & 539 &:= 3^3 + 6^1 + 7^2 + 16^1 + 21^2 = 33 + 61 + 72 + 161 + 212 \\ 539 &:= 2^5 + 8^0 + 8^2 + 14^0 + 21^2 = 25 + 80 + 82 + 140 + 212 & 539 &:= 3^3 + 7^0 + 7^3 + 12^2 + 24^1 = 33 + 70 + 73 + 122 + 241 \\ 539 &:= 2^5 + 8^2 + 10^0 + 12^0 + 21^2 = 25 + 82 + 100 + 120 + 212 & 539 &:= 3^3 + 7^1 + 12^1 + 13^2 + 18^2 = 33 + 71 + 121 + 132 + 182 \\ 539 &:= 2^5 + 8^2 + 11^0 + 11^0 + 21^2 = 25 + 82 + 110 + 110 + 212 & 539 &:= 3^3 + 7^1 + 7^2 + 15^1 + 21^2 = 33 + 71 + 72 + 151 + 212 \\ 539 &:= 2^5 + 8^2 + 9^0 + 13^0 + 21^2 = 25 + 82 + 90 + 130 + 212 & 539 &:= 3^3 + 7^2 + 10^1 + 12^1 + 21^2 = 33 + 72 + 101 + 121 + 212 \\ 539 &:= 2^5 + 9^0 + 11^0 + 12^2 + 19^2 = 25 + 90 + 110 + 122 + 192 & 539 &:= 3^3 + 7^2 + 11^1 + 11^1 + 21^2 = 33 + 72 + 111 + 111 + 212 \\ 539 &:= 2^7 + 2^7 + 4^4 + 18^0 + 26^1 = 27 + 27 + 44 + 180 + 261 & 539 &:= 3^3 + 7^2 + 8^1 + 14^1 + 21^2 = 33 + 72 + 81 + 141 + 212 \\ 539 &:= 3^0 + 3^4 + 6^2 + 20^2 + 21^1 = 30 + 34 + 62 + 202 + 211 & 539 &:= 3^3 + 7^2 + 9^1 + 13^1 + 21^2 = 33 + 72 + 91 + 131 + 212 \\ 539 &:= 3^0 + 4^4 + 4^4 + 17^0 + 25^1 = 30 + 44 + 44 + 170 + 251 & 539 &:= 3^3 + 8^1 + 11^1 + 13^2 + 18^2 = 33 + 81 + 111 + 132 + 182 \\ 539 &:= 3^1 + 3^1 + 3^5 + 17^2 + 27^0 = 31 + 31 + 35 + 172 + 270 & 539 &:= 3^3 + 9^1 + 10^1 + 13^2 + 18^2 = 33 + 91 + 101 + 132 + 182 \\ 539 &:= 3^1 + 3^2 + 4^3 + 21^2 + 22^1 = 31 + 32 + 43 + 212 + 221 & 539 &:= 3^4 + 5^1 + 14^2 + 15^0 + 16^2 = 34 + 51 + 142 + 150 + 162 \\ 539 &:= 3^1 + 3^3 + 13^2 + 16^1 + 18^2 = 31 + 33 + 132 + 161 + 182 & 539 &:= 3^4 + 7^0 + 9^2 + 15^1 + 19^2 = 34 + 70 + 92 + 151 + 192 \\ 539 &:= 3^1 + 3^3 + 7^2 + 19^1 + 21^2 = 31 + 33 + 72 + 191 + 212 & 539 &:= 3^4 + 7^1 + 13^0 + 15^2 + 15^2 = 34 + 71 + 130 + 152 + 152 \\ 539 &:= 3^1 + 5^3 + 13^2 + 15^2 + 17^1 = 31 + 53 + 132 + 152 + 171 & 539 &:= 3^4 + 7^2 + 8^1 + 15^0 + 20^2 = 34 + 72 + 81 + 150 + 202 \\ 539 &:= 3^2 + 3^2 + 12^2 + 16^1 + 19^2 = 32 + 32 + 122 + 161 + 192 & 539 &:= 3^4 + 9^0 + 11^2 + 12^1 + 18^2 = 34 + 90 + 112 + 121 + 182 \\ 539 &:= 3^2 + 3^2 + 4^2 + 21^1 + 22^2 = 32 + 32 + 42 + 211 + 222 & 539 &:= 4^0 + 4^4 + 4^4 + 16^0 + 25^1 = 40 + 44 + 44 + 160 + 251 \\ 539 &:= 3^2 + 3^4 + 7^1 + 19^0 + 21^2 = 32 + 34 + 71 + 190 + 212 & 539 &:= 4^1 + 5^3 + 13^2 + 15^2 + 16^1 = 41 + 53 + 132 + 152 + 161 \\ 539 &:= 3^2 + 4^1 + 4^3 + 21^1 + 21^2 = 32 + 41 + 43 + 211 + 212 & 539 &:= 4^2 + 10^1 + 11^2 + 14^2 + 14^2 = 42 + 101 + 112 + 142 + 142 \\ 539 &:= 3^2 + 4^3 + 10^1 + 15^1 + 21^2 = 32 + 43 + 101 + 151 + 212 & 539 &:= 4^2 + 10^1 + 12^2 + 12^2 + 15^2 = 42 + 101 + 122 + 122 + 152 \\ 539 &:= 3^2 + 4^3 + 11^1 + 14^1 + 21^2 = 32 + 43 + 111 + 141 + 212 & 539 &:= 4^2 + 4^2 + 13^2 + 14^1 + 18^2 = 42 + 42 + 132 + 141 + 182 \\ 539 &:= 3^2 + 4^3 + 12^1 + 13^1 + 21^2 = 32 + 43 + 121 + 131 + 212 & 539 &:= 4^2 + 4^2 + 7^2 + 17^1 + 21^2 = 42 + 42 + 72 + 171 + 212 \\ 539 &:= 3^2 + 4^3 + 5^1 + 20^1 + 21^2 = 32 + 43 + 51 + 201 + 212 & 539 &:= 4^2 + 4^3 + 13^2 + 15^0 + 17^2 = 42 + 43 + 132 + 150 + 172 \\ 539 &:= 3^2 + 4^3 + 6^1 + 19^1 + 21^2 = 32 + 43 + 61 + 191 + 212 & 539 &:= 4^2 + 4^4 + 10^1 + 16^2 + 19^0 = 42 + 44 + 101 + 162 + 190 \\ 539 &:= 3^2 + 4^3 + 7^1 + 18^1 + 21^2 = 32 + 43 + 71 + 181 + 212 & 539 &:= 4^2 + 5^2 + 13^1 + 14^2 + 17^2 = 42 + 52 + 131 + 142 + 172 \\ 539 &:= 3^2 + 4^3 + 8^1 + 17^1 + 21^2 = 32 + 43 + 81 + 171 + 212 & 539 &:= 4^2 + 5^3 + 6^2 + 19^0 + 19^2 = 42 + 53 + 62 + 190 + 192 \\ 539 &:= 3^2 + 4^3 + 9^1 + 16^1 + 21^2 = 32 + 43 + 91 + 161 + 212 & 539 &:= 4^2 + 6^3 + 9^2 + 15^2 + 19^0 = 42 + 63 + 92 + 152 + 190 \\ 539 &:= 3^2 + 4^4 + 13^0 + 16^2 + 17^1 = 32 + 44 + 130 + 162 + 171 & 539 &:= 4^2 + 7^2 + 10^2 + 13^1 + 19^2 = 42 + 72 + 102 + 131 + 192 \\ 539 &:= 3^2 + 6^2 + 13^1 + 15^2 + 16^2 = 32 + 62 + 131 + 152 + 162 & 539 &:= 4^3 + 4^3 + 10^1 + 15^0 + 20^2 = 43 + 43 + 101 + 150 + 202 \\ 539 &:= 3^2 + 6^2 + 6^2 + 17^1 + 21^2 = 32 + 62 + 62 + 171 + 212 & 539 &:= 4^3 + 5^2 + 7^2 + 17^0 + 20^2 = 43 + 52 + 72 + 170 + 202 \\ 539 &:= 3^2 + 6^3 + 12^2 + 13^2 + 19^0 = 32 + 63 + 122 + 132 + 190 & 539 &:= 4^3 + 7^2 + 13^0 + 13^2 + 16^2 = 43 + 72 + 130 + 132 + 162 \\ 539 &:= 3^2 + 7^2 + 12^2 + 13^1 + 18^2 = 32 + 72 + 122 + 131 + 182 & 539 &:= 4^3 + 7^2 + 8^2 + 15^0 + 19^2 = 43 + 72 + 82 + 150 + 192 \\ 539 &:= 3^3 + 4^1 + 13^2 + 15^1 + 18^2 = 33 + 41 + 132 + 151 + 182 & 539 &:= 4^3 + 7^3 + 10^1 + 11^2 + 21^0 = 43 + 73 + 101 + 112 + 210 \\ 539 &:= 3^3 + 4^1 + 7^2 + 18^1 + 21^2 = 33 + 41 + 72 + 181 + 212 & 539 &:= 4^3 + 8^2 + 11^2 + 13^0 + 17^2 = 43 + 82 + 112 + 130 + 172 \\ 539 &:= 3^3 + 4^3 + 6^1 + 19^0 + 21^2 = 33 + 43 + 61 + 190 + 212 & 539 &:= 4^4 + 10^2 + 13^0 + 13^1 + 13^2 = 44 + 102 + 130 + 131 + 132 \\ 539 &:= 3^3 + 5^1 + 13^2 + 14^1 + 18^2 = 33 + 51 + 132 + 141 + 182 & 539 &:= 4^4 + 4^4 + 10^0 + 10^0 + 25^1 = 44 + 44 + 100 + 100 + 251 \\ 539 &:= 3^3 + 5^1 + 7^2 + 17^1 + 21^2 = 33 + 51 + 72 + 171 + 212 & 539 &:= 4^4 + 4^4 + 5^0 + 15^0 + 25^1 = 44 + 44 + 50 + 150 + 251 \\ 539 &:= 3^3 + 6^1 + 13^1 + 13^2 + 18^2 = 33 + 61 + 131 + 132 + 182 & 539 &:= 4^4 + 4^4 + 6^0 + 14^0 + 25^1 = 44 + 44 + 60 + 140 + 251 \\ 539 &:= 3^3 + 6^1 + 6^3 + 17^2 + 21^0 = 33 + 61 + 63 + 172 + 210 & 539 &:= 4^4 + 4^4 + 7^0 + 13^0 + 25^1 = 44 + 44 + 70 + 130 + 251 \end{aligned}$$

$$\begin{aligned}
 539 &:= 4^4 + 4^4 + 8^0 + 12^0 + 25^1 = 44 + 44 + 80 + 120 + 251 \\
 539 &:= 4^4 + 4^4 + 9^0 + 11^0 + 25^1 = 44 + 44 + 90 + 110 + 251 \\
 539 &:= 4^4 + 5^0 + 8^2 + 14^2 + 22^1 = 44 + 50 + 82 + 142 + 221 \\
 539 &:= 4^4 + 5^1 + 9^2 + 14^2 + 21^0 = 44 + 51 + 92 + 142 + 210 \\
 539 &:= 4^4 + 6^2 + 7^0 + 15^2 + 21^1 = 44 + 62 + 70 + 152 + 211 \\
 539 &:= 4^4 + 7^2 + 8^1 + 15^2 + 19^0 = 44 + 72 + 81 + 152 + 190 \\
 539 &:= 4^4 + 9^0 + 11^2 + 12^2 + 17^1 = 44 + 90 + 112 + 122 + 171 \\
 539 &:= 5^1 + 5^3 + 13^2 + 15^1 + 15^2 = 51 + 53 + 132 + 151 + 152 \\
 539 &:= 5^2 + 5^3 + 8^2 + 17^0 + 18^2 = 52 + 53 + 82 + 170 + 182 \\
 539 &:= 5^2 + 6^2 + 8^2 + 14^1 + 20^2 = 52 + 62 + 82 + 141 + 202 \\
 539 &:= 5^2 + 7^2 + 7^3 + 11^2 + 23^0 = 52 + 72 + 73 + 112 + 230 \\
 539 &:= 5^3 + 10^1 + 10^1 + 13^2 + 15^2 = 53 + 101 + 101 + 132 + 152 \\
 539 &:= 5^3 + 10^2 + 12^2 + 13^0 + 13^2 = 53 + 102 + 122 + 130 + 132 \\
 539 &:= 5^3 + 6^1 + 13^2 + 14^1 + 15^2 = 53 + 61 + 132 + 141 + 152 \\
 539 &:= 5^3 + 6^1 + 7^3 + 8^2 + 27^0 = 53 + 61 + 73 + 82 + 270 \\
 539 &:= 5^3 + 6^2 + 11^2 + 15^0 + 16^2 = 53 + 62 + 112 + 150 + 162
 \end{aligned}$$

$$\begin{aligned}
 539 &:= 5^3 + 7^1 + 13^1 + 13^2 + 15^2 = 53 + 71 + 131 + 132 + 152 \\
 539 &:= 5^3 + 7^2 + 7^3 + 13^0 + 21^1 = 53 + 72 + 73 + 130 + 211 \\
 539 &:= 5^3 + 8^1 + 12^1 + 13^2 + 15^2 = 53 + 81 + 121 + 132 + 152 \\
 539 &:= 5^3 + 9^1 + 11^1 + 13^2 + 15^2 = 53 + 91 + 111 + 132 + 152 \\
 539 &:= 6^1 + 6^3 + 6^3 + 10^2 + 25^0 = 61 + 63 + 63 + 102 + 250 \\
 539 &:= 6^2 + 7^2 + 9^2 + 12^1 + 19^2 = 62 + 72 + 92 + 121 + 192 \\
 539 &:= 6^2 + 9^1 + 10^2 + 13^2 + 15^2 = 62 + 91 + 102 + 132 + 152 \\
 539 &:= 6^3 + 6^3 + 7^0 + 9^2 + 25^1 = 63 + 63 + 70 + 92 + 251 \\
 539 &:= 7^1 + 10^2 + 12^2 + 12^2 + 12^2 = 71 + 102 + 122 + 122 + 122 \\
 539 &:= 7^1 + 11^2 + 11^2 + 11^2 + 13^2 = 71 + 112 + 112 + 112 + 132 \\
 539 &:= 7^2 + 8^1 + 12^2 + 13^2 + 13^2 = 72 + 81 + 122 + 132 + 132 \\
 539 &:= 7^2 + 9^1 + 9^2 + 12^2 + 16^2 = 72 + 91 + 92 + 122 + 162 \\
 539 &:= 8^1 + 8^2 + 11^2 + 11^2 + 15^2 = 81 + 82 + 112 + 112 + 152 \\
 539 &:= 8^1 + 9^2 + 9^2 + 12^2 + 15^2 = 81 + 92 + 92 + 122 + 152
 \end{aligned}$$

2.2.441 Number 540

$$\begin{aligned}
 540 &:= 2^9 + 24^0 + 27^1 = 29 + 240 + 271 \\
 540 &:= 1^0 + 2^9 + 24^0 + 26^1 = 10 + 29 + 240 + 261 \\
 540 &:= 1^6 + 3^2 + 23^2 + 26^0 = 16 + 32 + 232 + 260 \\
 540 &:= 1^6 + 8^3 + 18^0 + 26^1 = 16 + 83 + 180 + 261 \\
 540 &:= 1^7 + 9^1 + 20^0 + 23^2 = 17 + 91 + 200 + 232 \\
 540 &:= 2^0 + 2^9 + 23^0 + 26^1 = 20 + 29 + 230 + 261 \\
 540 &:= 2^7 + 11^1 + 20^0 + 20^2 = 27 + 111 + 200 + 202 \\
 540 &:= 2^9 + 10^0 + 15^0 + 26^1 = 29 + 100 + 150 + 261 \\
 540 &:= 2^9 + 11^0 + 14^0 + 26^1 = 29 + 110 + 140 + 261 \\
 540 &:= 2^9 + 12^0 + 13^0 + 26^1 = 29 + 120 + 130 + 261 \\
 540 &:= 2^9 + 3^0 + 22^0 + 26^1 = 29 + 30 + 220 + 261 \\
 540 &:= 2^9 + 4^0 + 21^0 + 26^1 = 29 + 40 + 210 + 261 \\
 540 &:= 2^9 + 5^0 + 20^0 + 26^1 = 29 + 50 + 200 + 261 \\
 540 &:= 2^9 + 6^0 + 19^0 + 26^1 = 29 + 60 + 190 + 261 \\
 540 &:= 2^9 + 7^0 + 18^0 + 26^1 = 29 + 70 + 180 + 261 \\
 540 &:= 2^9 + 8^0 + 17^0 + 26^1 = 29 + 80 + 170 + 261 \\
 540 &:= 2^9 + 9^0 + 16^0 + 26^1 = 29 + 90 + 160 + 261 \\
 540 &:= 3^5 + 4^4 + 6^0 + 40^1 = 35 + 44 + 60 + 401 \\
 540 &:= 1^0 + 1^0 + 2^9 + 24^0 + 25^1 = 10 + 10 + 29 + 240 + 251 \\
 540 &:= 1^0 + 1^5 + 2^3 + 23^2 + 26^0 = 10 + 15 + 23 + 232 + 260
 \end{aligned}$$

$$\begin{aligned}
 540 &:= 1^0 + 1^6 + 8^3 + 18^0 + 25^1 = 10 + 16 + 83 + 180 + 251 \\
 540 &:= 1^0 + 1^7 + 8^1 + 20^0 + 23^2 = 10 + 17 + 81 + 200 + 232 \\
 540 &:= 1^0 + 2^0 + 2^9 + 23^0 + 25^1 = 10 + 20 + 29 + 230 + 251 \\
 540 &:= 1^0 + 2^4 + 3^4 + 21^2 + 26^0 = 10 + 24 + 34 + 212 + 260 \\
 540 &:= 1^0 + 2^7 + 10^1 + 20^0 + 20^2 = 10 + 27 + 101 + 200 + 202 \\
 540 &:= 1^0 + 2^9 + 10^0 + 15^0 + 25^1 = 10 + 29 + 100 + 150 + 251 \\
 540 &:= 1^0 + 2^9 + 11^0 + 14^0 + 25^1 = 10 + 29 + 110 + 140 + 251 \\
 540 &:= 1^0 + 2^9 + 12^0 + 13^0 + 25^1 = 10 + 29 + 120 + 130 + 251 \\
 540 &:= 1^0 + 2^9 + 3^0 + 22^0 + 25^1 = 10 + 29 + 30 + 220 + 251 \\
 540 &:= 1^0 + 2^9 + 4^0 + 21^0 + 25^1 = 10 + 29 + 40 + 210 + 251 \\
 540 &:= 1^0 + 2^9 + 5^0 + 20^0 + 25^1 = 10 + 29 + 50 + 200 + 251 \\
 540 &:= 1^0 + 2^9 + 6^0 + 19^0 + 25^1 = 10 + 29 + 60 + 190 + 251 \\
 540 &:= 1^0 + 2^9 + 7^0 + 18^0 + 25^1 = 10 + 29 + 70 + 180 + 251 \\
 540 &:= 1^0 + 2^9 + 8^0 + 17^0 + 25^1 = 10 + 29 + 80 + 170 + 251 \\
 540 &:= 1^0 + 2^9 + 9^0 + 16^0 + 25^1 = 10 + 29 + 90 + 160 + 251 \\
 540 &:= 1^1 + 1^4 + 2^3 + 23^2 + 26^0 = 11 + 14 + 23 + 232 + 260 \\
 540 &:= 1^1 + 1^5 + 8^3 + 18^0 + 25^1 = 11 + 15 + 83 + 180 + 251 \\
 540 &:= 1^1 + 1^6 + 8^1 + 20^0 + 23^2 = 11 + 16 + 81 + 200 + 232 \\
 540 &:= 1^1 + 1^9 + 2^9 + 23^0 + 25^1 = 11 + 19 + 29 + 230 + 251 \\
 540 &:= 1^1 + 4^4 + 4^4 + 18^0 + 26^1 = 11 + 44 + 44 + 180 + 261
 \end{aligned}$$

$$\begin{aligned}
 540 &:= 1^2 + 1^3 + 2^3 + 23^2 + 26^0 = 12 + 13 + 23 + 232 + 260 & 540 &:= 1^5 + 2^3 + 8^0 + 19^0 + 23^2 = 15 + 23 + 80 + 190 + 232 \\
 540 &:= 1^2 + 1^4 + 8^3 + 18^0 + 25^1 = 12 + 14 + 83 + 180 + 251 & 540 &:= 1^5 + 2^3 + 9^0 + 18^0 + 23^2 = 15 + 23 + 90 + 180 + 232 \\
 540 &:= 1^2 + 1^5 + 8^1 + 20^0 + 23^2 = 12 + 15 + 81 + 200 + 232 & 540 &:= 1^5 + 3^1 + 8^3 + 18^0 + 23^1 = 15 + 31 + 83 + 180 + 231 \\
 540 &:= 1^2 + 1^8 + 2^9 + 23^0 + 25^1 = 12 + 18 + 29 + 230 + 251 & 540 &:= 1^5 + 4^0 + 11^2 + 17^1 + 20^2 = 15 + 40 + 112 + 171 + 202 \\
 540 &:= 1^2 + 2^4 + 9^2 + 20^0 + 21^2 = 12 + 24 + 92 + 200 + 212 & 540 &:= 1^5 + 4^1 + 8^3 + 18^0 + 22^1 = 15 + 41 + 83 + 180 + 221 \\
 540 &:= 1^2 + 2^5 + 6^0 + 22^1 + 22^2 = 12 + 25 + 60 + 221 + 222 & 540 &:= 1^5 + 5^1 + 7^2 + 18^0 + 22^2 = 15 + 51 + 72 + 180 + 222 \\
 540 &:= 1^2 + 3^3 + 3^3 + 22^2 + 24^0 = 12 + 33 + 33 + 222 + 240 & 540 &:= 1^5 + 5^1 + 8^3 + 18^0 + 21^1 = 15 + 51 + 83 + 180 + 211 \\
 540 &:= 1^2 + 3^4 + 4^2 + 21^2 + 24^0 = 12 + 34 + 42 + 212 + 240 & 540 &:= 1^5 + 5^2 + 8^3 + 12^0 + 27^0 = 15 + 52 + 83 + 120 + 270 \\
 540 &:= 1^2 + 3^5 + 6^1 + 17^2 + 26^0 = 12 + 35 + 61 + 172 + 260 & 540 &:= 1^5 + 5^2 + 8^3 + 13^0 + 26^0 = 15 + 52 + 83 + 130 + 260 \\
 540 &:= 1^3 + 1^3 + 8^3 + 18^0 + 25^1 = 13 + 13 + 83 + 180 + 251 & 540 &:= 1^5 + 5^2 + 8^3 + 14^0 + 25^0 = 15 + 52 + 83 + 140 + 250 \\
 540 &:= 1^3 + 1^4 + 8^1 + 20^0 + 23^2 = 13 + 14 + 81 + 200 + 232 & 540 &:= 1^5 + 5^2 + 8^3 + 15^0 + 24^0 = 15 + 52 + 83 + 150 + 240 \\
 540 &:= 1^3 + 1^7 + 2^9 + 23^0 + 25^1 = 13 + 17 + 29 + 230 + 251 & 540 &:= 1^5 + 5^2 + 8^3 + 16^0 + 23^0 = 15 + 52 + 83 + 160 + 230 \\
 540 &:= 1^3 + 2^3 + 13^2 + 18^0 + 19^2 = 13 + 23 + 132 + 180 + 192 & 540 &:= 1^5 + 5^2 + 8^3 + 17^0 + 22^0 = 15 + 52 + 83 + 170 + 220 \\
 540 &:= 1^3 + 2^3 + 8^3 + 18^1 + 24^0 = 13 + 23 + 83 + 181 + 240 & 540 &:= 1^5 + 5^2 + 8^3 + 18^0 + 21^0 = 15 + 52 + 83 + 180 + 210 \\
 540 &:= 1^3 + 2^8 + 2^8 + 21^0 + 26^1 = 13 + 28 + 28 + 210 + 261 & 540 &:= 1^5 + 5^2 + 8^3 + 19^0 + 20^0 = 15 + 52 + 83 + 190 + 200 \\
 540 &:= 1^3 + 3^4 + 12^0 + 16^1 + 21^2 = 13 + 34 + 120 + 161 + 212 & 540 &:= 1^5 + 6^0 + 6^2 + 18^1 + 22^2 = 15 + 60 + 62 + 181 + 222 \\
 540 &:= 1^3 + 4^4 + 6^0 + 16^2 + 26^1 = 13 + 44 + 60 + 162 + 261 & 540 &:= 1^5 + 6^0 + 9^2 + 16^1 + 21^2 = 15 + 60 + 92 + 161 + 212 \\
 540 &:= 1^4 + 1^6 + 2^9 + 23^0 + 25^1 = 14 + 16 + 29 + 230 + 251 & 540 &:= 1^5 + 6^1 + 8^3 + 18^0 + 20^1 = 15 + 61 + 83 + 180 + 201 \\
 540 &:= 1^4 + 12^0 + 12^2 + 13^2 + 15^2 = 14 + 120 + 122 + 132 + 152 & 540 &:= 1^5 + 7^1 + 8^3 + 18^0 + 19^1 = 15 + 71 + 83 + 180 + 191 \\
 540 &:= 1^4 + 2^2 + 8^3 + 20^0 + 22^1 = 14 + 22 + 83 + 200 + 221 & 540 &:= 1^5 + 8^1 + 12^0 + 13^2 + 19^2 = 15 + 81 + 120 + 132 + 192 \\
 540 &:= 1^4 + 3^2 + 8^3 + 17^1 + 24^0 = 14 + 32 + 83 + 171 + 240 & 540 &:= 1^5 + 8^1 + 8^3 + 18^0 + 18^1 = 15 + 81 + 83 + 180 + 181 \\
 540 &:= 1^4 + 4^2 + 9^2 + 18^0 + 21^2 = 14 + 42 + 92 + 180 + 212 & 540 &:= 1^5 + 8^3 + 10^1 + 16^1 + 18^0 = 15 + 83 + 101 + 161 + 180 \\
 540 &:= 1^4 + 5^3 + 13^1 + 14^0 + 20^2 = 14 + 53 + 131 + 140 + 202 & 540 &:= 1^5 + 8^3 + 11^1 + 15^1 + 18^0 = 15 + 83 + 111 + 151 + 180 \\
 540 &:= 1^4 + 6^0 + 7^3 + 13^2 + 26^1 = 14 + 60 + 73 + 132 + 261 & 540 &:= 1^5 + 8^3 + 12^1 + 14^1 + 18^0 = 15 + 83 + 121 + 141 + 180 \\
 540 &:= 1^5 + 1^5 + 2^9 + 23^0 + 25^1 = 15 + 15 + 29 + 230 + 251 & 540 &:= 1^5 + 8^3 + 13^1 + 13^1 + 18^0 = 15 + 83 + 131 + 131 + 180 \\
 540 &:= 1^5 + 2^0 + 14^2 + 18^1 + 18^2 = 15 + 20 + 142 + 181 + 182 & 540 &:= 1^5 + 8^3 + 9^1 + 17^1 + 18^0 = 15 + 83 + 91 + 171 + 180 \\
 540 &:= 1^5 + 2^0 + 2^3 + 23^2 + 25^0 = 15 + 20 + 23 + 232 + 250 & 540 &:= 1^6 + 1^9 + 14^2 + 18^1 + 18^2 = 16 + 19 + 142 + 181 + 182 \\
 540 &:= 1^5 + 2^1 + 8^3 + 18^0 + 24^1 = 15 + 21 + 83 + 180 + 241 & 540 &:= 1^6 + 1^9 + 2^3 + 23^2 + 25^0 = 16 + 19 + 23 + 232 + 250 \\
 540 &:= 1^5 + 2^2 + 5^1 + 22^0 + 23^2 = 15 + 22 + 51 + 220 + 232 & 540 &:= 1^6 + 2^0 + 8^3 + 17^0 + 25^1 = 16 + 20 + 83 + 170 + 251 \\
 540 &:= 1^5 + 2^3 + 10^0 + 17^0 + 23^2 = 15 + 23 + 100 + 170 + 232 & 540 &:= 1^6 + 2^1 + 7^1 + 20^0 + 23^2 = 16 + 21 + 71 + 200 + 232 \\
 540 &:= 1^5 + 2^3 + 11^0 + 16^0 + 23^2 = 15 + 23 + 110 + 160 + 232 & 540 &:= 1^6 + 3^0 + 8^3 + 16^0 + 25^1 = 16 + 30 + 83 + 160 + 251 \\
 540 &:= 1^5 + 2^3 + 12^0 + 15^0 + 23^2 = 15 + 23 + 120 + 150 + 232 & 540 &:= 1^6 + 3^1 + 6^1 + 20^0 + 23^2 = 16 + 31 + 61 + 200 + 232 \\
 540 &:= 1^5 + 2^3 + 13^0 + 14^0 + 23^2 = 15 + 23 + 130 + 140 + 232 & 540 &:= 1^6 + 4^0 + 8^3 + 15^0 + 25^1 = 16 + 40 + 83 + 150 + 251 \\
 540 &:= 1^5 + 2^3 + 3^0 + 23^2 + 24^0 = 15 + 23 + 30 + 232 + 240 & 540 &:= 1^6 + 4^1 + 5^1 + 20^0 + 23^2 = 16 + 41 + 51 + 200 + 232 \\
 540 &:= 1^5 + 2^3 + 4^0 + 23^0 + 23^2 = 15 + 23 + 40 + 230 + 232 & 540 &:= 1^6 + 5^0 + 8^3 + 14^0 + 25^1 = 16 + 50 + 83 + 140 + 251 \\
 540 &:= 1^5 + 2^3 + 5^0 + 22^0 + 23^2 = 15 + 23 + 50 + 220 + 232 & 540 &:= 1^6 + 6^0 + 8^3 + 13^0 + 25^1 = 16 + 60 + 83 + 130 + 251 \\
 540 &:= 1^5 + 2^3 + 6^0 + 21^0 + 23^2 = 15 + 23 + 60 + 210 + 232 & 540 &:= 1^6 + 7^0 + 8^3 + 12^0 + 25^1 = 16 + 70 + 83 + 120 + 251 \\
 540 &:= 1^5 + 2^3 + 7^0 + 20^0 + 23^2 = 15 + 23 + 70 + 200 + 232 & 540 &:= 1^6 + 8^0 + 8^3 + 11^0 + 25^1 = 16 + 80 + 83 + 110 + 251
 \end{aligned}$$

$540 := 1^6 + 8^3 + 9^0 + 10^0 + 25^1 = 16 + 83 + 90 + 100 + 251$	$540 := 1^9 + 2^9 + 5^2 + 20^0 + 24^0 = 19 + 29 + 52 + 200 + 240$
$540 := 1^7 + 1^8 + 14^2 + 18^1 + 18^2 = 17 + 18 + 142 + 181 + 182$	$540 := 1^9 + 2^9 + 5^2 + 21^0 + 23^0 = 19 + 29 + 52 + 210 + 230$
$540 := 1^7 + 1^8 + 2^3 + 23^2 + 25^0 = 17 + 18 + 23 + 232 + 250$	$540 := 1^9 + 2^9 + 5^2 + 22^0 + 22^0 = 19 + 29 + 52 + 220 + 220$
$540 := 1^7 + 1^9 + 8^3 + 17^0 + 25^1 = 17 + 19 + 83 + 170 + 251$	$540 := 1^9 + 2^9 + 6^1 + 20^1 + 23^0 = 19 + 29 + 61 + 201 + 230$
$540 := 1^7 + 2^0 + 8^1 + 19^0 + 23^2 = 17 + 20 + 81 + 190 + 232$	$540 := 1^9 + 2^9 + 7^1 + 19^1 + 23^0 = 19 + 29 + 71 + 191 + 230$
$540 := 1^7 + 2^8 + 4^4 + 19^0 + 26^1 = 17 + 28 + 44 + 190 + 261$	$540 := 1^9 + 2^9 + 8^1 + 18^1 + 23^0 = 19 + 29 + 81 + 181 + 230$
$540 := 1^7 + 3^0 + 8^1 + 18^0 + 23^2 = 17 + 30 + 81 + 180 + 232$	$540 := 1^9 + 2^9 + 9^1 + 17^1 + 23^0 = 19 + 29 + 91 + 171 + 230$
$540 := 1^7 + 4^0 + 8^1 + 17^0 + 23^2 = 17 + 40 + 81 + 170 + 232$	$540 := 2^0 + 2^0 + 2^9 + 22^0 + 25^1 = 20 + 20 + 29 + 220 + 251$
$540 := 1^7 + 5^0 + 8^1 + 16^0 + 23^2 = 17 + 50 + 81 + 160 + 232$	$540 := 2^0 + 2^4 + 3^4 + 21^2 + 25^0 = 20 + 24 + 34 + 212 + 250$
$540 := 1^7 + 6^0 + 8^1 + 15^0 + 23^2 = 17 + 60 + 81 + 150 + 232$	$540 := 2^0 + 2^7 + 10^1 + 19^0 + 20^2 = 20 + 27 + 101 + 190 + 202$
$540 := 1^7 + 7^0 + 8^1 + 14^0 + 23^2 = 17 + 70 + 81 + 140 + 232$	$540 := 2^0 + 2^9 + 10^0 + 14^0 + 25^1 = 20 + 29 + 100 + 140 + 251$
$540 := 1^7 + 8^0 + 8^1 + 13^0 + 23^2 = 17 + 80 + 81 + 130 + 232$	$540 := 2^0 + 2^9 + 11^0 + 13^0 + 25^1 = 20 + 29 + 110 + 130 + 251$
$540 := 1^7 + 8^1 + 10^0 + 11^0 + 23^2 = 17 + 81 + 100 + 110 + 232$	$540 := 2^0 + 2^9 + 12^0 + 12^0 + 25^1 = 20 + 29 + 120 + 120 + 251$
$540 := 1^7 + 8^1 + 9^0 + 12^0 + 23^2 = 17 + 81 + 90 + 120 + 232$	$540 := 2^0 + 2^9 + 3^0 + 21^0 + 25^1 = 20 + 29 + 30 + 210 + 251$
$540 := 1^8 + 1^8 + 8^3 + 17^0 + 25^1 = 18 + 18 + 83 + 170 + 251$	$540 := 2^0 + 2^9 + 4^0 + 20^0 + 25^1 = 20 + 29 + 40 + 200 + 251$
$540 := 1^8 + 1^9 + 8^1 + 19^0 + 23^2 = 18 + 19 + 81 + 190 + 232$	$540 := 2^0 + 2^9 + 5^0 + 19^0 + 25^1 = 20 + 29 + 50 + 190 + 251$
$540 := 1^8 + 2^2 + 2^9 + 22^1 + 25^0 = 18 + 22 + 29 + 221 + 250$	$540 := 2^0 + 2^9 + 6^0 + 18^0 + 25^1 = 20 + 29 + 60 + 180 + 251$
$540 := 1^8 + 2^3 + 2^6 + 21^2 + 26^1 = 18 + 23 + 26 + 212 + 261$	$540 := 2^0 + 2^9 + 7^0 + 17^0 + 25^1 = 20 + 29 + 70 + 170 + 251$
$540 := 1^8 + 2^5 + 3^4 + 20^2 + 26^1 = 18 + 25 + 34 + 202 + 261$	$540 := 2^0 + 2^9 + 8^0 + 16^0 + 25^1 = 20 + 29 + 80 + 160 + 251$
$540 := 1^8 + 2^6 + 5^3 + 18^2 + 26^1 = 18 + 26 + 53 + 182 + 261$	$540 := 2^0 + 2^9 + 9^0 + 15^0 + 25^1 = 20 + 29 + 90 + 150 + 251$
$540 := 1^8 + 2^7 + 10^2 + 17^2 + 22^1 = 18 + 27 + 102 + 172 + 221$	$540 := 2^1 + 2^5 + 12^2 + 18^0 + 19^2 = 21 + 25 + 122 + 180 + 192$
$540 := 1^8 + 2^7 + 5^2 + 19^2 + 25^1 = 18 + 27 + 52 + 192 + 251$	$540 := 2^1 + 2^5 + 8^2 + 20^0 + 21^2 = 21 + 25 + 82 + 200 + 212$
$540 := 1^8 + 2^7 + 8^2 + 18^2 + 23^1 = 18 + 27 + 82 + 182 + 231$	$540 := 2^1 + 4^4 + 4^4 + 18^0 + 25^1 = 21 + 44 + 44 + 180 + 251$
$540 := 1^9 + 2^1 + 2^9 + 23^0 + 24^1 = 19 + 21 + 29 + 230 + 241$	$540 := 2^2 + 2^5 + 8^0 + 19^1 + 22^2 = 22 + 25 + 80 + 191 + 222$
$540 := 1^9 + 2^6 + 3^2 + 21^2 + 25^1 = 19 + 26 + 32 + 212 + 251$	$540 := 2^3 + 2^8 + 2^8 + 19^1 + 27^0 = 23 + 28 + 28 + 191 + 270$
$540 := 1^9 + 2^7 + 11^2 + 17^2 + 21^0 = 19 + 27 + 112 + 172 + 210$	$540 := 2^3 + 3^4 + 9^1 + 18^0 + 21^2 = 23 + 34 + 91 + 180 + 212$
$540 := 1^9 + 2^7 + 7^2 + 19^2 + 23^0 = 19 + 27 + 72 + 192 + 230$	$540 := 2^3 + 4^4 + 12^0 + 16^2 + 19^1 = 23 + 44 + 120 + 162 + 191$
$540 := 1^9 + 2^8 + 7^0 + 16^2 + 26^1 = 19 + 28 + 70 + 162 + 261$	$540 := 2^4 + 3^0 + 3^4 + 21^2 + 24^0 = 24 + 30 + 34 + 212 + 240$
$540 := 1^9 + 2^9 + 10^1 + 16^1 + 23^0 = 19 + 29 + 101 + 161 + 230$	$540 := 2^4 + 3^2 + 15^2 + 16^0 + 17^2 = 24 + 32 + 152 + 160 + 172$
$540 := 1^9 + 2^9 + 11^1 + 15^1 + 23^0 = 19 + 29 + 111 + 151 + 230$	$540 := 2^4 + 3^3 + 12^1 + 14^0 + 22^2 = 24 + 33 + 121 + 140 + 222$
$540 := 1^9 + 2^9 + 12^1 + 14^1 + 23^0 = 19 + 29 + 121 + 141 + 230$	$540 := 2^4 + 3^4 + 10^0 + 17^0 + 21^2 = 24 + 34 + 100 + 170 + 212$
$540 := 1^9 + 2^9 + 13^1 + 13^1 + 23^0 = 19 + 29 + 131 + 131 + 230$	$540 := 2^4 + 3^4 + 11^0 + 16^0 + 21^2 = 24 + 34 + 110 + 160 + 212$
$540 := 1^9 + 2^9 + 3^1 + 23^0 + 23^1 = 19 + 29 + 31 + 230 + 231$	$540 := 2^4 + 3^4 + 12^0 + 15^0 + 21^2 = 24 + 34 + 120 + 150 + 212$
$540 := 1^9 + 2^9 + 4^1 + 22^1 + 23^0 = 19 + 29 + 41 + 221 + 230$	$540 := 2^4 + 3^4 + 13^0 + 14^0 + 21^2 = 24 + 34 + 130 + 140 + 212$
$540 := 1^9 + 2^9 + 5^1 + 21^1 + 23^0 = 19 + 29 + 51 + 211 + 230$	$540 := 2^4 + 3^4 + 4^0 + 21^2 + 23^0 = 24 + 34 + 40 + 212 + 230$
$540 := 1^9 + 2^9 + 5^2 + 17^0 + 27^0 = 19 + 29 + 52 + 170 + 270$	$540 := 2^4 + 3^4 + 5^0 + 21^2 + 22^0 = 24 + 34 + 50 + 212 + 220$
$540 := 1^9 + 2^9 + 5^2 + 18^0 + 26^0 = 19 + 29 + 52 + 180 + 260$	$540 := 2^4 + 3^4 + 6^0 + 21^0 + 21^2 = 24 + 34 + 60 + 210 + 212$
$540 := 1^9 + 2^9 + 5^2 + 19^0 + 25^0 = 19 + 29 + 52 + 190 + 250$	$540 := 2^4 + 3^4 + 7^0 + 20^0 + 21^2 = 24 + 34 + 70 + 200 + 212$

$$\begin{aligned}
 540 &:= 2^4 + 3^4 + 8^0 + 19^0 + 21^2 = 24 + 34 + 80 + 190 + 212 & 540 &:= 2^9 + 5^0 + 6^0 + 15^0 + 25^1 = 29 + 50 + 60 + 150 + 251 \\
 540 &:= 2^4 + 3^4 + 9^0 + 18^0 + 21^2 = 24 + 34 + 90 + 180 + 212 & 540 &:= 2^9 + 5^0 + 7^0 + 14^0 + 25^1 = 29 + 50 + 70 + 140 + 251 \\
 540 &:= 2^4 + 4^3 + 8^0 + 18^1 + 21^2 = 24 + 43 + 80 + 181 + 212 & 540 &:= 2^9 + 5^0 + 8^0 + 13^0 + 25^1 = 29 + 50 + 80 + 130 + 251 \\
 540 &:= 2^4 + 6^3 + 10^0 + 17^2 + 18^1 = 24 + 63 + 100 + 172 + 181 & 540 &:= 2^9 + 5^0 + 9^0 + 12^0 + 25^1 = 29 + 50 + 90 + 120 + 251 \\
 540 &:= 2^4 + 7^3 + 11^1 + 13^2 + 20^0 = 24 + 73 + 111 + 132 + 200 & 540 &:= 2^9 + 6^0 + 10^0 + 10^0 + 25^1 = 29 + 60 + 100 + 100 + 251 \\
 540 &:= 2^4 + 9^2 + 9^2 + 14^0 + 19^2 = 24 + 92 + 92 + 140 + 192 & 540 &:= 2^9 + 6^0 + 6^0 + 14^0 + 25^1 = 29 + 60 + 60 + 140 + 251 \\
 540 &:= 2^5 + 3^2 + 12^0 + 14^1 + 22^2 = 25 + 32 + 120 + 141 + 222 & 540 &:= 2^9 + 6^0 + 7^0 + 13^0 + 25^1 = 29 + 60 + 70 + 130 + 251 \\
 540 &:= 2^5 + 4^2 + 7^1 + 18^0 + 22^2 = 25 + 42 + 71 + 180 + 222 & 540 &:= 2^9 + 6^0 + 8^0 + 12^0 + 25^1 = 29 + 60 + 80 + 120 + 251 \\
 540 &:= 2^5 + 6^0 + 13^2 + 14^1 + 18^2 = 25 + 60 + 132 + 141 + 182 & 540 &:= 2^9 + 6^0 + 9^0 + 11^0 + 25^1 = 29 + 60 + 90 + 110 + 251 \\
 540 &:= 2^5 + 6^0 + 7^2 + 17^1 + 21^2 = 25 + 60 + 72 + 171 + 212 & 540 &:= 2^9 + 7^0 + 7^0 + 12^0 + 25^1 = 29 + 70 + 70 + 120 + 251 \\
 540 &:= 2^5 + 7^1 + 10^2 + 14^0 + 20^2 = 25 + 71 + 102 + 140 + 202 & 540 &:= 2^9 + 7^0 + 8^0 + 11^0 + 25^1 = 29 + 70 + 80 + 110 + 251 \\
 540 &:= 2^7 + 10^0 + 10^1 + 11^0 + 20^2 = 27 + 100 + 101 + 110 + 202 & 540 &:= 2^9 + 7^0 + 9^0 + 10^0 + 25^1 = 29 + 70 + 90 + 100 + 251 \\
 540 &:= 2^7 + 3^0 + 10^1 + 18^0 + 20^2 = 27 + 30 + 101 + 180 + 202 & 540 &:= 2^9 + 8^0 + 8^0 + 10^0 + 25^1 = 29 + 80 + 80 + 100 + 251 \\
 540 &:= 2^7 + 4^0 + 10^1 + 17^0 + 20^2 = 27 + 40 + 101 + 170 + 202 & 540 &:= 2^9 + 8^0 + 9^0 + 9^0 + 25^1 = 29 + 80 + 90 + 90 + 251 \\
 540 &:= 2^7 + 5^0 + 10^1 + 16^0 + 20^2 = 27 + 50 + 101 + 160 + 202 & 540 &:= 3^1 + 4^4 + 4^4 + 18^0 + 24^1 = 31 + 44 + 44 + 180 + 241 \\
 540 &:= 2^7 + 6^0 + 10^1 + 15^0 + 20^2 = 27 + 60 + 101 + 150 + 202 & 540 &:= 3^2 + 3^4 + 7^2 + 20^0 + 20^2 = 32 + 34 + 72 + 200 + 202 \\
 540 &:= 2^7 + 7^0 + 10^1 + 14^0 + 20^2 = 27 + 70 + 101 + 140 + 202 & 540 &:= 3^2 + 4^4 + 7^2 + 15^2 + 24^0 = 32 + 44 + 72 + 152 + 240 \\
 540 &:= 2^7 + 8^0 + 10^1 + 13^0 + 20^2 = 27 + 80 + 101 + 130 + 202 & 540 &:= 3^3 + 3^3 + 14^2 + 16^0 + 17^2 = 33 + 33 + 142 + 160 + 172 \\
 540 &:= 2^7 + 9^0 + 10^1 + 12^0 + 20^2 = 27 + 90 + 101 + 120 + 202 & 540 &:= 3^3 + 5^2 + 7^3 + 12^2 + 26^0 = 33 + 52 + 73 + 122 + 260 \\
 540 &:= 2^9 + 3^0 + 10^0 + 13^0 + 25^1 = 29 + 30 + 100 + 130 + 251 & 540 &:= 3^3 + 6^3 + 10^2 + 14^2 + 20^0 = 33 + 63 + 102 + 142 + 200 \\
 540 &:= 2^9 + 3^0 + 11^0 + 12^0 + 25^1 = 29 + 30 + 110 + 120 + 251 & 540 &:= 3^4 + 4^2 + 9^2 + 18^0 + 19^2 = 34 + 42 + 92 + 180 + 192 \\
 540 &:= 2^9 + 3^0 + 3^0 + 20^0 + 25^1 = 29 + 30 + 30 + 200 + 251 & 540 &:= 3^4 + 5^2 + 12^2 + 16^0 + 17^2 = 34 + 52 + 122 + 160 + 172 \\
 540 &:= 2^9 + 3^0 + 4^0 + 19^0 + 25^1 = 29 + 30 + 40 + 190 + 251 & 540 &:= 3^4 + 5^3 + 9^1 + 18^0 + 18^2 = 34 + 53 + 91 + 180 + 182 \\
 540 &:= 2^9 + 3^0 + 5^0 + 18^0 + 25^1 = 29 + 30 + 50 + 180 + 251 & 540 &:= 3^4 + 6^3 + 12^0 + 15^2 + 17^1 = 34 + 63 + 120 + 152 + 171 \\
 540 &:= 2^9 + 3^0 + 6^0 + 17^0 + 25^1 = 29 + 30 + 60 + 170 + 251 & 540 &:= 3^4 + 7^3 + 10^2 + 15^1 + 18^0 = 34 + 73 + 102 + 151 + 180 \\
 540 &:= 2^9 + 3^0 + 7^0 + 16^0 + 25^1 = 29 + 30 + 70 + 160 + 251 & 540 &:= 3^4 + 8^2 + 13^2 + 14^0 + 15^2 = 34 + 82 + 132 + 140 + 152 \\
 540 &:= 2^9 + 3^0 + 8^0 + 15^0 + 25^1 = 29 + 30 + 80 + 150 + 251 & 540 &:= 3^4 + 9^2 + 11^2 + 14^0 + 16^2 = 34 + 92 + 112 + 140 + 162 \\
 540 &:= 2^9 + 3^0 + 9^0 + 14^0 + 25^1 = 29 + 30 + 90 + 140 + 251 & 540 &:= 3^5 + 4^1 + 6^2 + 16^2 + 24^0 = 35 + 41 + 62 + 162 + 240 \\
 540 &:= 2^9 + 4^0 + 10^0 + 12^0 + 25^1 = 29 + 40 + 100 + 120 + 251 & 540 &:= 3^5 + 4^2 + 6^0 + 16^2 + 24^1 = 35 + 42 + 60 + 162 + 241 \\
 540 &:= 2^9 + 4^0 + 11^0 + 11^0 + 25^1 = 29 + 40 + 110 + 110 + 251 & 540 &:= 3^5 + 5^2 + 14^0 + 15^1 + 16^2 = 35 + 52 + 140 + 151 + 162 \\
 540 &:= 2^9 + 4^0 + 4^0 + 18^0 + 25^1 = 29 + 40 + 40 + 180 + 251 & 540 &:= 3^5 + 6^0 + 7^2 + 15^2 + 22^1 = 35 + 60 + 72 + 152 + 221 \\
 540 &:= 2^9 + 4^0 + 5^0 + 17^0 + 25^1 = 29 + 40 + 50 + 170 + 251 & 540 &:= 3^5 + 6^1 + 11^2 + 13^2 + 20^0 = 35 + 61 + 112 + 132 + 200 \\
 540 &:= 2^9 + 4^0 + 6^0 + 16^0 + 25^1 = 29 + 40 + 60 + 160 + 251 & 540 &:= 3^5 + 7^1 + 8^2 + 15^2 + 20^0 = 35 + 71 + 82 + 152 + 200 \\
 540 &:= 2^9 + 4^0 + 7^0 + 15^0 + 25^1 = 29 + 40 + 70 + 150 + 251 & 540 &:= 3^5 + 8^0 + 9^2 + 14^2 + 19^1 = 35 + 80 + 92 + 142 + 191 \\
 540 &:= 2^9 + 4^0 + 8^0 + 14^0 + 25^1 = 29 + 40 + 80 + 140 + 251 & 540 &:= 3^5 + 8^1 + 12^2 + 12^2 + 18^0 = 35 + 81 + 122 + 122 + 180 \\
 540 &:= 2^9 + 4^0 + 9^0 + 13^0 + 25^1 = 29 + 40 + 90 + 130 + 251 & 540 &:= 4^1 + 4^4 + 4^4 + 18^0 + 23^1 = 41 + 44 + 44 + 180 + 231 \\
 540 &:= 2^9 + 5^0 + 10^0 + 11^0 + 25^1 = 29 + 50 + 100 + 110 + 251 & 540 &:= 4^3 + 4^4 + 8^0 + 14^2 + 23^1 = 43 + 44 + 80 + 142 + 231 \\
 540 &:= 2^9 + 5^0 + 5^0 + 16^0 + 25^1 = 29 + 50 + 50 + 160 + 251 & 540 &:= 4^4 + 4^4 + 10^1 + 17^1 + 18^0 = 44 + 44 + 101 + 171 + 180
 \end{aligned}$$

$$\begin{aligned}
 540 &:= 4^4 + 4^4 + 11^1 + 16^1 + 18^0 = 44 + 44 + 111 + 161 + 180 \\
 540 &:= 4^4 + 4^4 + 12^1 + 15^1 + 18^0 = 44 + 44 + 121 + 151 + 180 \\
 540 &:= 4^4 + 4^4 + 13^1 + 14^1 + 18^0 = 44 + 44 + 131 + 141 + 180 \\
 540 &:= 4^4 + 4^4 + 5^1 + 18^0 + 22^1 = 44 + 44 + 51 + 180 + 221 \\
 540 &:= 4^4 + 4^4 + 6^1 + 18^0 + 21^1 = 44 + 44 + 61 + 180 + 211 \\
 540 &:= 4^4 + 4^4 + 7^1 + 18^0 + 20^1 = 44 + 44 + 71 + 180 + 201 \\
 540 &:= 4^4 + 4^4 + 8^1 + 18^0 + 19^1 = 44 + 44 + 81 + 180 + 191
 \end{aligned}$$

$$\begin{aligned}
 540 &:= 4^4 + 4^4 + 9^1 + 18^0 + 18^1 = 44 + 44 + 91 + 180 + 181 \\
 540 &:= 4^4 + 5^3 + 12^2 + 14^1 + 18^0 = 44 + 53 + 122 + 141 + 180 \\
 540 &:= 4^4 + 6^3 + 7^2 + 18^0 + 18^1 = 44 + 63 + 72 + 180 + 181 \\
 540 &:= 4^4 + 9^2 + 9^2 + 11^2 + 20^0 = 44 + 92 + 92 + 112 + 200 \\
 540 &:= 5^3 + 5^3 + 8^2 + 15^2 + 20^0 = 53 + 53 + 82 + 152 + 200
 \end{aligned}$$

2.2.442 Number 541

$$\begin{aligned}
 541 &:= 1^1 + 2^9 + 23^0 + 27^1 = 11 + 29 + 230 + 271 \\
 541 &:= 1^5 + 3^3 + 8^3 + 41^0 = 15 + 33 + 83 + 410 \\
 541 &:= 1^6 + 14^2 + 18^2 + 20^1 = 16 + 142 + 182 + 201 \\
 541 &:= 1^6 + 7^3 + 14^2 + 31^0 = 16 + 73 + 142 + 310 \\
 541 &:= 1^7 + 8^3 + 17^0 + 27^1 = 17 + 83 + 170 + 271 \\
 541 &:= 1^8 + 10^1 + 19^0 + 23^2 = 18 + 101 + 190 + 232 \\
 541 &:= 1^9 + 2^9 + 3^3 + 46^0 = 19 + 29 + 33 + 460 \\
 541 &:= 2^1 + 2^9 + 23^0 + 26^1 = 21 + 29 + 230 + 261 \\
 541 &:= 2^6 + 3^2 + 21^2 + 27^1 = 26 + 32 + 212 + 271 \\
 541 &:= 2^8 + 7^0 + 16^2 + 28^1 = 28 + 70 + 162 + 281 \\
 541 &:= 2^9 + 10^1 + 18^1 + 23^0 = 29 + 101 + 181 + 230 \\
 541 &:= 2^9 + 11^1 + 17^1 + 23^0 = 29 + 111 + 171 + 230 \\
 541 &:= 2^9 + 12^1 + 16^1 + 23^0 = 29 + 121 + 161 + 230 \\
 541 &:= 2^9 + 13^1 + 15^1 + 23^0 = 29 + 131 + 151 + 230 \\
 541 &:= 2^9 + 14^1 + 14^1 + 23^0 = 29 + 141 + 141 + 230 \\
 541 &:= 2^9 + 3^1 + 23^0 + 25^1 = 29 + 31 + 230 + 251 \\
 541 &:= 2^9 + 4^1 + 23^0 + 24^1 = 29 + 41 + 230 + 241 \\
 541 &:= 2^9 + 5^1 + 23^0 + 23^1 = 29 + 51 + 230 + 231 \\
 541 &:= 2^9 + 6^1 + 22^1 + 23^0 = 29 + 61 + 221 + 230 \\
 541 &:= 2^9 + 7^1 + 21^1 + 23^0 = 29 + 71 + 211 + 230 \\
 541 &:= 2^9 + 8^1 + 20^1 + 23^0 = 29 + 81 + 201 + 230 \\
 541 &:= 2^9 + 9^1 + 19^1 + 23^0 = 29 + 91 + 191 + 230 \\
 541 &:= 1^0 + 1^1 + 2^9 + 23^0 + 26^1 = 10 + 11 + 29 + 230 + 261 \\
 541 &:= 1^0 + 1^6 + 14^2 + 18^2 + 19^1 = 10 + 16 + 142 + 182 + 191 \\
 541 &:= 1^0 + 1^7 + 3^2 + 23^2 + 25^0 = 10 + 17 + 32 + 232 + 250 \\
 541 &:= 1^0 + 1^7 + 8^3 + 17^0 + 26^1 = 10 + 17 + 83 + 170 + 261 \\
 541 &:= 1^0 + 1^8 + 9^1 + 19^0 + 23^2 = 10 + 18 + 91 + 190 + 232 \\
 541 &:= 1^0 + 2^1 + 2^9 + 23^0 + 25^1 = 10 + 21 + 29 + 230 + 251 \\
 541 &:= 1^0 + 2^6 + 3^2 + 21^2 + 26^1 = 10 + 26 + 32 + 212 + 261
 \end{aligned}$$

$$\begin{aligned}
 541 &:= 1^0 + 2^8 + 7^0 + 16^2 + 27^1 = 10 + 28 + 70 + 162 + 271 \\
 541 &:= 1^0 + 2^9 + 10^1 + 17^1 + 23^0 = 10 + 29 + 101 + 171 + 230 \\
 541 &:= 1^0 + 2^9 + 11^1 + 16^1 + 23^0 = 10 + 29 + 111 + 161 + 230 \\
 541 &:= 1^0 + 2^9 + 12^1 + 15^1 + 23^0 = 10 + 29 + 121 + 151 + 230 \\
 541 &:= 1^0 + 2^9 + 13^1 + 14^1 + 23^0 = 10 + 29 + 131 + 141 + 230 \\
 541 &:= 1^0 + 2^9 + 3^1 + 23^0 + 24^1 = 10 + 29 + 31 + 230 + 241 \\
 541 &:= 1^0 + 2^9 + 4^1 + 23^0 + 23^1 = 10 + 29 + 41 + 230 + 231 \\
 541 &:= 1^0 + 2^9 + 5^1 + 22^1 + 23^0 = 10 + 29 + 51 + 221 + 230 \\
 541 &:= 1^0 + 2^9 + 6^1 + 21^1 + 23^0 = 10 + 29 + 61 + 211 + 230 \\
 541 &:= 1^0 + 2^9 + 7^1 + 20^1 + 23^0 = 10 + 29 + 71 + 201 + 230 \\
 541 &:= 1^0 + 2^9 + 8^1 + 19^1 + 23^0 = 10 + 29 + 81 + 191 + 230 \\
 541 &:= 1^0 + 2^9 + 9^1 + 18^1 + 23^0 = 10 + 29 + 91 + 181 + 230 \\
 541 &:= 1^1 + 1^5 + 14^2 + 18^2 + 19^1 = 11 + 15 + 142 + 182 + 191 \\
 541 &:= 1^1 + 1^6 + 3^2 + 23^2 + 25^0 = 11 + 16 + 32 + 232 + 250 \\
 541 &:= 1^1 + 1^6 + 8^3 + 17^0 + 26^1 = 11 + 16 + 83 + 170 + 261 \\
 541 &:= 1^1 + 1^7 + 9^1 + 19^0 + 23^2 = 11 + 17 + 91 + 190 + 232 \\
 541 &:= 1^1 + 2^0 + 2^9 + 22^0 + 26^1 = 11 + 20 + 29 + 220 + 261 \\
 541 &:= 1^1 + 2^7 + 11^1 + 19^0 + 20^2 = 11 + 27 + 111 + 190 + 202 \\
 541 &:= 1^1 + 2^9 + 10^0 + 14^0 + 26^1 = 11 + 29 + 100 + 140 + 261 \\
 541 &:= 1^1 + 2^9 + 11^0 + 13^0 + 26^1 = 11 + 29 + 110 + 130 + 261 \\
 541 &:= 1^1 + 2^9 + 12^0 + 12^0 + 26^1 = 11 + 29 + 120 + 120 + 261 \\
 541 &:= 1^1 + 2^9 + 3^0 + 21^0 + 26^1 = 11 + 29 + 30 + 210 + 261 \\
 541 &:= 1^1 + 2^9 + 4^0 + 20^0 + 26^1 = 11 + 29 + 40 + 200 + 261 \\
 541 &:= 1^1 + 2^9 + 5^0 + 19^0 + 26^1 = 11 + 29 + 50 + 190 + 261 \\
 541 &:= 1^1 + 2^9 + 6^0 + 18^0 + 26^1 = 11 + 29 + 60 + 180 + 261 \\
 541 &:= 1^1 + 2^9 + 7^0 + 17^0 + 26^1 = 11 + 29 + 70 + 170 + 261 \\
 541 &:= 1^1 + 2^9 + 8^0 + 16^0 + 26^1 = 11 + 29 + 80 + 160 + 261 \\
 541 &:= 1^1 + 2^9 + 9^0 + 15^0 + 26^1 = 11 + 29 + 90 + 150 + 261 \\
 541 &:= 1^2 + 1^4 + 14^2 + 18^2 + 19^1 = 12 + 14 + 142 + 182 + 191
 \end{aligned}$$

$$\begin{aligned} 541 &:= 1^2 + 1^5 + 3^2 + 23^2 + 25^0 = 12 + 15 + 32 + 232 + 250 & 541 &:= 1^5 + 10^1 + 10^1 + 14^2 + 18^2 = 15 + 101 + 101 + 142 + 182 \\ 541 &:= 1^2 + 1^5 + 8^3 + 17^0 + 26^1 = 12 + 15 + 83 + 170 + 261 & 541 &:= 1^5 + 2^1 + 14^2 + 18^1 + 18^2 = 15 + 21 + 142 + 181 + 182 \\ 541 &:= 1^2 + 1^6 + 9^1 + 19^0 + 23^2 = 12 + 16 + 91 + 190 + 232 & 541 &:= 1^5 + 2^1 + 2^3 + 23^2 + 25^0 = 15 + 21 + 23 + 232 + 250 \\ 541 &:= 1^2 + 1^9 + 2^9 + 22^0 + 26^1 = 12 + 19 + 29 + 220 + 261 & 541 &:= 1^5 + 2^2 + 8^3 + 19^0 + 23^1 = 15 + 22 + 83 + 190 + 231 \\ 541 &:= 1^2 + 2^3 + 6^3 + 17^2 + 27^1 = 12 + 23 + 63 + 172 + 271 & 541 &:= 1^5 + 3^1 + 14^2 + 17^1 + 18^2 = 15 + 31 + 142 + 171 + 182 \\ 541 &:= 1^2 + 2^4 + 12^2 + 19^1 + 19^2 = 12 + 24 + 122 + 191 + 192 & 541 &:= 1^5 + 3^2 + 13^2 + 17^0 + 19^2 = 15 + 32 + 132 + 170 + 192 \\ 541 &:= 1^2 + 2^4 + 4^2 + 22^2 + 24^1 = 12 + 24 + 42 + 222 + 241 & 541 &:= 1^5 + 3^2 + 8^3 + 18^1 + 23^0 = 15 + 32 + 83 + 181 + 230 \\ 541 &:= 1^2 + 3^4 + 6^2 + 20^2 + 23^1 = 12 + 34 + 62 + 202 + 231 & 541 &:= 1^5 + 4^1 + 14^2 + 16^1 + 18^2 = 15 + 41 + 142 + 161 + 182 \\ 541 &:= 1^2 + 3^5 + 10^2 + 14^2 + 25^0 = 12 + 35 + 102 + 142 + 250 & 541 &:= 1^5 + 5^0 + 7^3 + 13^2 + 27^1 = 15 + 50 + 73 + 132 + 271 \\ 541 &:= 1^2 + 4^4 + 4^4 + 17^0 + 27^1 = 12 + 44 + 44 + 170 + 271 & 541 &:= 1^5 + 5^1 + 14^2 + 15^1 + 18^2 = 15 + 51 + 142 + 151 + 182 \\ 541 &:= 1^3 + 1^3 + 14^2 + 18^2 + 19^1 = 13 + 13 + 142 + 182 + 191 & 541 &:= 1^5 + 5^2 + 15^0 + 15^2 + 17^2 = 15 + 52 + 150 + 152 + 172 \\ 541 &:= 1^3 + 1^4 + 3^2 + 23^2 + 25^0 = 13 + 14 + 32 + 232 + 250 & 541 &:= 1^5 + 5^3 + 13^0 + 14^1 + 20^2 = 15 + 53 + 130 + 141 + 202 \\ 541 &:= 1^3 + 1^4 + 8^3 + 17^0 + 26^1 = 13 + 14 + 83 + 170 + 261 & 541 &:= 1^5 + 6^1 + 14^1 + 14^2 + 18^2 = 15 + 61 + 141 + 142 + 182 \\ 541 &:= 1^3 + 1^5 + 9^1 + 19^0 + 23^2 = 13 + 15 + 91 + 190 + 232 & 541 &:= 1^5 + 7^1 + 13^1 + 14^2 + 18^2 = 15 + 71 + 131 + 142 + 182 \\ 541 &:= 1^3 + 1^8 + 2^9 + 22^0 + 26^1 = 13 + 18 + 29 + 220 + 261 & 541 &:= 1^5 + 7^2 + 7^2 + 17^0 + 21^2 = 15 + 72 + 72 + 170 + 212 \\ 541 &:= 1^3 + 2^2 + 3^3 + 22^2 + 25^1 = 13 + 22 + 33 + 222 + 251 & 541 &:= 1^5 + 8^1 + 12^1 + 14^2 + 18^2 = 15 + 81 + 121 + 142 + 182 \\ 541 &:= 1^3 + 2^3 + 15^2 + 17^2 + 18^1 = 13 + 23 + 152 + 172 + 181 & 541 &:= 1^5 + 9^1 + 11^1 + 14^2 + 18^2 = 15 + 91 + 111 + 142 + 182 \\ 541 &:= 1^3 + 2^3 + 5^2 + 22^2 + 23^1 = 13 + 23 + 52 + 222 + 231 & 541 &:= 1^5 + 9^2 + 13^0 + 13^2 + 17^2 = 15 + 92 + 130 + 132 + 172 \\ 541 &:= 1^3 + 2^5 + 5^0 + 22^2 + 23^1 = 13 + 25 + 50 + 222 + 231 & 541 &:= 1^6 + 2^1 + 8^3 + 17^0 + 25^1 = 16 + 21 + 83 + 170 + 251 \\ 541 &:= 1^3 + 3^2 + 6^3 + 17^2 + 26^1 = 13 + 32 + 63 + 172 + 261 & 541 &:= 1^6 + 2^2 + 6^1 + 21^0 + 23^2 = 16 + 22 + 61 + 210 + 232 \\ 541 &:= 1^3 + 3^4 + 13^2 + 17^2 + 19^0 = 13 + 34 + 132 + 172 + 190 & 541 &:= 1^6 + 3^0 + 11^2 + 18^1 + 20^2 = 16 + 30 + 112 + 181 + 202 \\ 541 &:= 1^3 + 3^5 + 7^1 + 17^2 + 25^0 = 13 + 35 + 71 + 172 + 250 & 541 &:= 1^6 + 3^1 + 8^3 + 17^0 + 24^1 = 16 + 31 + 83 + 170 + 241 \\ 541 &:= 1^3 + 4^3 + 13^2 + 17^2 + 18^1 = 13 + 43 + 132 + 172 + 181 & 541 &:= 1^6 + 4^1 + 8^3 + 17^0 + 23^1 = 16 + 41 + 83 + 170 + 231 \\ 541 &:= 1^3 + 5^3 + 5^3 + 17^2 + 25^0 = 13 + 53 + 53 + 172 + 250 & 541 &:= 1^6 + 5^0 + 6^2 + 19^1 + 22^2 = 16 + 50 + 62 + 191 + 222 \\ 541 &:= 1^3 + 7^2 + 7^3 + 11^2 + 27^1 = 13 + 72 + 73 + 112 + 271 & 541 &:= 1^6 + 5^0 + 9^2 + 17^1 + 21^2 = 16 + 50 + 92 + 171 + 212 \\ 541 &:= 1^4 + 1^4 + 9^1 + 19^0 + 23^2 = 14 + 14 + 91 + 190 + 232 & 541 &:= 1^6 + 5^1 + 8^3 + 17^0 + 22^1 = 16 + 51 + 83 + 170 + 221 \\ 541 &:= 1^4 + 1^7 + 2^9 + 22^0 + 26^1 = 14 + 17 + 29 + 220 + 261 & 541 &:= 1^6 + 6^1 + 7^2 + 17^0 + 22^2 = 16 + 61 + 72 + 170 + 222 \\ 541 &:= 1^4 + 2^3 + 8^3 + 19^1 + 23^0 = 14 + 23 + 83 + 191 + 230 & 541 &:= 1^6 + 6^1 + 8^3 + 17^0 + 21^1 = 16 + 61 + 83 + 170 + 211 \\ 541 &:= 1^4 + 2^8 + 2^8 + 20^0 + 27^1 = 14 + 28 + 28 + 200 + 271 & 541 &:= 1^6 + 7^1 + 8^3 + 17^0 + 20^1 = 16 + 71 + 83 + 170 + 201 \\ 541 &:= 1^4 + 3^2 + 15^2 + 17^1 + 17^2 = 14 + 32 + 152 + 171 + 172 & 541 &:= 1^6 + 8^1 + 8^3 + 17^0 + 19^1 = 16 + 81 + 83 + 170 + 191 \\ 541 &:= 1^4 + 3^2 + 5^2 + 22^1 + 22^2 = 14 + 32 + 52 + 221 + 222 & 541 &:= 1^6 + 8^3 + 10^1 + 17^0 + 17^1 = 16 + 83 + 101 + 170 + 171 \\ 541 &:= 1^4 + 3^3 + 16^2 + 16^2 + 17^0 = 14 + 33 + 162 + 162 + 170 & 541 &:= 1^6 + 8^3 + 11^1 + 16^1 + 17^0 = 16 + 83 + 111 + 161 + 170 \\ 541 &:= 1^4 + 3^4 + 11^0 + 17^1 + 21^2 = 14 + 34 + 110 + 171 + 212 & 541 &:= 1^6 + 8^3 + 12^1 + 15^1 + 17^0 = 16 + 83 + 121 + 151 + 170 \\ 541 &:= 1^4 + 4^2 + 8^2 + 19^1 + 21^2 = 14 + 42 + 82 + 191 + 212 & 541 &:= 1^6 + 8^3 + 13^1 + 14^1 + 17^0 = 16 + 83 + 131 + 141 + 170 \\ 541 &:= 1^4 + 4^4 + 5^0 + 16^2 + 27^1 = 14 + 44 + 50 + 162 + 271 & 541 &:= 1^6 + 8^3 + 9^1 + 17^0 + 18^1 = 16 + 83 + 91 + 170 + 181 \\ 541 &:= 1^4 + 8^2 + 10^2 + 15^1 + 19^2 = 14 + 82 + 102 + 151 + 192 & 541 &:= 1^6 + 9^1 + 11^0 + 13^2 + 19^2 = 16 + 91 + 110 + 132 + 192 \\ 541 &:= 1^4 + 9^2 + 11^2 + 14^1 + 18^2 = 14 + 92 + 112 + 141 + 182 & 541 &:= 1^7 + 2^0 + 3^2 + 23^2 + 24^0 = 17 + 20 + 32 + 232 + 240 \\ 541 &:= 1^5 + 1^6 + 2^9 + 22^0 + 26^1 = 15 + 16 + 29 + 220 + 261 & 541 &:= 1^7 + 2^0 + 8^3 + 16^0 + 26^1 = 17 + 20 + 83 + 160 + 261 \end{aligned}$$

$$\begin{aligned} 541 &:= 1^7 + 2^1 + 8^1 + 19^0 + 23^2 = 17 + 21 + 81 + 190 + 232 & 541 &:= 2^0 + 2^9 + 10^1 + 17^1 + 22^0 = 20 + 29 + 101 + 171 + 220 \\ 541 &:= 1^7 + 3^0 + 3^2 + 23^0 + 23^2 = 17 + 30 + 32 + 230 + 232 & 541 &:= 2^0 + 2^9 + 11^1 + 16^1 + 22^0 = 20 + 29 + 111 + 161 + 220 \\ 541 &:= 1^7 + 3^0 + 8^3 + 15^0 + 26^1 = 17 + 30 + 83 + 150 + 261 & 541 &:= 2^0 + 2^9 + 12^1 + 15^1 + 22^0 = 20 + 29 + 121 + 151 + 220 \\ 541 &:= 1^7 + 3^1 + 7^1 + 19^0 + 23^2 = 17 + 31 + 71 + 190 + 232 & 541 &:= 2^0 + 2^9 + 13^1 + 14^1 + 22^0 = 20 + 29 + 131 + 141 + 220 \\ 541 &:= 1^7 + 3^2 + 10^0 + 16^0 + 23^2 = 17 + 32 + 100 + 160 + 232 & 541 &:= 2^0 + 2^9 + 3^1 + 22^0 + 24^1 = 20 + 29 + 31 + 220 + 241 \\ 541 &:= 1^7 + 3^2 + 11^0 + 15^0 + 23^2 = 17 + 32 + 110 + 150 + 232 & 541 &:= 2^0 + 2^9 + 4^1 + 22^0 + 23^1 = 20 + 29 + 41 + 220 + 231 \\ 541 &:= 1^7 + 3^2 + 12^0 + 14^0 + 23^2 = 17 + 32 + 120 + 140 + 232 & 541 &:= 2^0 + 2^9 + 5^1 + 22^0 + 22^1 = 20 + 29 + 51 + 220 + 221 \\ 541 &:= 1^7 + 3^2 + 13^0 + 13^0 + 23^2 = 17 + 32 + 130 + 130 + 232 & 541 &:= 2^0 + 2^9 + 6^1 + 21^1 + 22^0 = 20 + 29 + 61 + 211 + 220 \\ 541 &:= 1^7 + 3^2 + 4^0 + 22^0 + 23^2 = 17 + 32 + 40 + 220 + 232 & 541 &:= 2^0 + 2^9 + 7^1 + 20^1 + 22^0 = 20 + 29 + 71 + 201 + 220 \\ 541 &:= 1^7 + 3^2 + 5^0 + 21^0 + 23^2 = 17 + 32 + 50 + 210 + 232 & 541 &:= 2^0 + 2^9 + 8^1 + 19^1 + 22^0 = 20 + 29 + 81 + 191 + 220 \\ 541 &:= 1^7 + 3^2 + 6^0 + 20^0 + 23^2 = 17 + 32 + 60 + 200 + 232 & 541 &:= 2^0 + 2^9 + 9^1 + 18^1 + 22^0 = 20 + 29 + 91 + 181 + 220 \\ 541 &:= 1^7 + 3^2 + 7^0 + 19^0 + 23^2 = 17 + 32 + 70 + 190 + 232 & 541 &:= 2^1 + 2^4 + 3^4 + 21^2 + 25^0 = 21 + 24 + 34 + 212 + 250 \\ 541 &:= 1^7 + 3^2 + 8^0 + 18^0 + 23^2 = 17 + 32 + 80 + 180 + 232 & 541 &:= 2^1 + 2^7 + 10^1 + 19^0 + 20^2 = 21 + 27 + 101 + 190 + 202 \\ 541 &:= 1^7 + 3^2 + 9^0 + 17^0 + 23^2 = 17 + 32 + 90 + 170 + 232 & 541 &:= 2^1 + 2^9 + 10^0 + 14^0 + 25^1 = 21 + 29 + 100 + 140 + 251 \\ 541 &:= 1^7 + 4^0 + 8^3 + 14^0 + 26^1 = 17 + 40 + 83 + 140 + 261 & 541 &:= 2^1 + 2^9 + 11^0 + 13^0 + 25^1 = 21 + 29 + 110 + 130 + 251 \\ 541 &:= 1^7 + 4^1 + 6^1 + 19^0 + 23^2 = 17 + 41 + 61 + 190 + 232 & 541 &:= 2^1 + 2^9 + 12^0 + 12^0 + 25^1 = 21 + 29 + 120 + 120 + 251 \\ 541 &:= 1^7 + 5^0 + 8^3 + 13^0 + 26^1 = 17 + 50 + 83 + 130 + 261 & 541 &:= 2^1 + 2^9 + 3^0 + 21^0 + 25^1 = 21 + 29 + 30 + 210 + 251 \\ 541 &:= 1^7 + 5^1 + 5^1 + 19^0 + 23^2 = 17 + 51 + 51 + 190 + 232 & 541 &:= 2^1 + 2^9 + 4^0 + 20^0 + 25^1 = 21 + 29 + 40 + 200 + 251 \\ 541 &:= 1^7 + 6^0 + 8^3 + 12^0 + 26^1 = 17 + 60 + 83 + 120 + 261 & 541 &:= 2^1 + 2^9 + 5^0 + 19^0 + 25^1 = 21 + 29 + 50 + 190 + 251 \\ 541 &:= 1^7 + 7^0 + 8^3 + 11^0 + 26^1 = 17 + 70 + 83 + 110 + 261 & 541 &:= 2^1 + 2^9 + 6^0 + 18^0 + 25^1 = 21 + 29 + 60 + 180 + 251 \\ 541 &:= 1^7 + 8^0 + 8^3 + 10^0 + 26^1 = 17 + 80 + 83 + 100 + 261 & 541 &:= 2^1 + 2^9 + 7^0 + 17^0 + 25^1 = 21 + 29 + 70 + 170 + 251 \\ 541 &:= 1^7 + 8^3 + 9^0 + 9^0 + 26^1 = 17 + 83 + 90 + 90 + 261 & 541 &:= 2^1 + 2^9 + 8^0 + 16^0 + 25^1 = 21 + 29 + 80 + 160 + 251 \\ 541 &:= 1^8 + 1^9 + 3^2 + 23^2 + 24^0 = 18 + 19 + 32 + 232 + 240 & 541 &:= 2^1 + 2^9 + 9^0 + 15^0 + 25^1 = 21 + 29 + 90 + 150 + 251 \\ 541 &:= 1^8 + 1^9 + 8^3 + 16^0 + 26^1 = 18 + 19 + 83 + 160 + 261 & 541 &:= 2^2 + 2^3 + 4^3 + 21^2 + 24^1 = 22 + 23 + 43 + 212 + 241 \\ 541 &:= 1^8 + 2^0 + 9^1 + 18^0 + 23^2 = 18 + 20 + 91 + 180 + 232 & 541 &:= 2^2 + 3^3 + 5^3 + 19^2 + 24^1 = 22 + 33 + 53 + 192 + 241 \\ 541 &:= 1^8 + 2^8 + 4^4 + 18^0 + 27^1 = 18 + 28 + 44 + 180 + 271 & 541 &:= 2^2 + 4^3 + 5^3 + 18^2 + 24^1 = 22 + 43 + 53 + 182 + 241 \\ 541 &:= 1^8 + 3^0 + 9^1 + 17^0 + 23^2 = 18 + 30 + 91 + 170 + 232 & 541 &:= 2^2 + 4^4 + 4^4 + 19^0 + 24^1 = 22 + 44 + 44 + 190 + 241 \\ 541 &:= 1^8 + 4^0 + 9^1 + 16^0 + 23^2 = 18 + 40 + 91 + 160 + 232 & 541 &:= 2^2 + 5^3 + 6^3 + 13^2 + 27^1 = 22 + 53 + 63 + 132 + 271 \\ 541 &:= 1^8 + 5^0 + 9^1 + 15^0 + 23^2 = 18 + 50 + 91 + 150 + 232 & 541 &:= 2^3 + 2^3 + 8^2 + 20^1 + 21^2 = 23 + 23 + 82 + 201 + 212 \\ 541 &:= 1^8 + 6^0 + 9^1 + 14^0 + 23^2 = 18 + 60 + 91 + 140 + 232 & 541 &:= 2^3 + 2^5 + 11^0 + 16^1 + 22^2 = 23 + 25 + 110 + 161 + 222 \\ 541 &:= 1^8 + 7^0 + 9^1 + 13^0 + 23^2 = 18 + 70 + 91 + 130 + 232 & 541 &:= 2^3 + 3^3 + 4^3 + 21^2 + 23^0 = 23 + 33 + 43 + 212 + 230 \\ 541 &:= 1^8 + 8^0 + 9^1 + 12^0 + 23^2 = 18 + 80 + 91 + 120 + 232 & 541 &:= 2^3 + 3^3 + 6^3 + 17^2 + 25^0 = 23 + 33 + 63 + 172 + 250 \\ 541 &:= 1^8 + 9^0 + 9^1 + 11^0 + 23^2 = 18 + 90 + 91 + 110 + 232 & 541 &:= 2^3 + 4^3 + 14^2 + 16^2 + 17^1 = 23 + 43 + 142 + 162 + 171 \\ 541 &:= 1^8 + 9^1 + 10^0 + 10^0 + 23^2 = 18 + 91 + 100 + 100 + 232 & 541 &:= 2^3 + 4^3 + 7^2 + 20^1 + 20^2 = 23 + 43 + 72 + 201 + 202 \\ 541 &:= 1^9 + 1^9 + 9^1 + 18^0 + 23^2 = 19 + 19 + 91 + 180 + 232 & 541 &:= 2^3 + 5^2 + 5^3 + 19^2 + 22^1 = 23 + 52 + 53 + 192 + 221 \\ 541 &:= 1^9 + 2^2 + 2^9 + 23^1 + 24^0 = 19 + 22 + 29 + 231 + 240 & 541 &:= 2^3 + 5^3 + 10^2 + 17^2 + 19^1 = 23 + 53 + 102 + 172 + 191 \\ 541 &:= 2^0 + 2^1 + 2^9 + 22^0 + 25^1 = 20 + 21 + 29 + 220 + 251 & 541 &:= 2^3 + 5^3 + 8^2 + 18^2 + 20^1 = 23 + 53 + 82 + 182 + 201 \\ 541 &:= 2^0 + 2^8 + 6^0 + 16^2 + 27^1 = 20 + 28 + 60 + 162 + 271 & 541 &:= 2^3 + 6^3 + 10^2 + 14^2 + 21^1 = 23 + 63 + 102 + 142 + 211 \end{aligned}$$

$$\begin{aligned}
 541 &:= 2^3 + 7^3 + 8^2 + 10^2 + 26^1 = 23 + 73 + 82 + 102 + 261 & 541 &:= 2^9 + 12^0 + 12^0 + 13^1 + 14^1 = 29 + 120 + 120 + 131 + 141 \\
 541 &:= 2^4 + 11^2 + 12^1 + 14^2 + 14^2 = 24 + 112 + 121 + 142 + 142 & 541 &:= 2^9 + 3^0 + 10^1 + 17^1 + 21^0 = 29 + 30 + 101 + 171 + 210 \\
 541 &:= 2^4 + 12^1 + 12^2 + 12^2 + 15^2 = 24 + 121 + 122 + 122 + 152 & 541 &:= 2^9 + 3^0 + 11^1 + 16^1 + 21^0 = 29 + 30 + 111 + 161 + 210 \\
 541 &:= 2^4 + 2^4 + 3^0 + 22^2 + 24^1 = 24 + 24 + 30 + 222 + 241 & 541 &:= 2^9 + 3^0 + 12^1 + 15^1 + 21^0 = 29 + 30 + 121 + 151 + 210 \\
 541 &:= 2^4 + 3^2 + 3^2 + 22^2 + 23^1 = 24 + 32 + 32 + 222 + 231 & 541 &:= 2^9 + 3^0 + 13^1 + 14^1 + 21^0 = 29 + 30 + 131 + 141 + 210 \\
 541 &:= 2^4 + 4^2 + 13^2 + 16^1 + 18^2 = 24 + 42 + 132 + 161 + 182 & 541 &:= 2^9 + 3^0 + 3^1 + 21^0 + 24^1 = 29 + 30 + 31 + 210 + 241 \\
 541 &:= 2^4 + 4^2 + 7^2 + 19^1 + 21^2 = 24 + 42 + 72 + 191 + 212 & 541 &:= 2^9 + 3^0 + 4^1 + 21^0 + 23^1 = 29 + 30 + 41 + 210 + 231 \\
 541 &:= 2^4 + 4^4 + 12^1 + 16^2 + 19^0 = 24 + 44 + 121 + 162 + 190 & 541 &:= 2^9 + 3^0 + 5^1 + 21^0 + 22^1 = 29 + 30 + 51 + 210 + 221 \\
 541 &:= 2^4 + 5^2 + 14^2 + 15^1 + 17^2 = 24 + 52 + 142 + 151 + 172 & 541 &:= 2^9 + 3^0 + 6^1 + 21^0 + 21^1 = 29 + 30 + 61 + 210 + 211 \\
 541 &:= 2^4 + 7^2 + 10^2 + 15^1 + 19^2 = 24 + 72 + 102 + 151 + 192 & 541 &:= 2^9 + 3^0 + 7^1 + 20^1 + 21^0 = 29 + 30 + 71 + 201 + 210 \\
 541 &:= 2^4 + 7^3 + 9^2 + 10^2 + 25^0 = 24 + 73 + 92 + 102 + 250 & 541 &:= 2^9 + 3^0 + 8^1 + 19^1 + 21^0 = 29 + 30 + 81 + 191 + 210 \\
 541 &:= 2^5 + 3^1 + 4^3 + 21^2 + 23^0 = 25 + 31 + 43 + 212 + 230 & 541 &:= 2^9 + 3^0 + 9^1 + 18^1 + 21^0 = 29 + 30 + 91 + 181 + 210 \\
 541 &:= 2^5 + 3^1 + 6^3 + 17^2 + 25^0 = 25 + 31 + 63 + 172 + 250 & 541 &:= 2^9 + 3^1 + 10^0 + 14^0 + 24^1 = 29 + 31 + 100 + 140 + 241 \\
 541 &:= 2^5 + 5^0 + 5^3 + 19^2 + 22^1 = 25 + 50 + 53 + 192 + 221 & 541 &:= 2^9 + 3^1 + 11^0 + 13^0 + 24^1 = 29 + 31 + 110 + 130 + 241 \\
 541 &:= 2^5 + 7^3 + 11^0 + 12^2 + 21^1 = 25 + 73 + 110 + 122 + 211 & 541 &:= 2^9 + 3^1 + 12^0 + 12^0 + 24^1 = 29 + 31 + 120 + 120 + 241 \\
 541 &:= 2^6 + 3^0 + 13^2 + 17^2 + 18^1 = 26 + 30 + 132 + 172 + 181 & 541 &:= 2^9 + 3^1 + 4^0 + 20^0 + 24^1 = 29 + 31 + 40 + 200 + 241 \\
 541 &:= 2^6 + 4^2 + 7^0 + 19^1 + 21^2 = 26 + 42 + 70 + 191 + 212 & 541 &:= 2^9 + 3^1 + 5^0 + 19^0 + 24^1 = 29 + 31 + 50 + 190 + 241 \\
 541 &:= 2^6 + 5^2 + 10^1 + 15^0 + 21^2 = 26 + 52 + 101 + 150 + 212 & 541 &:= 2^9 + 3^1 + 6^0 + 18^0 + 24^1 = 29 + 31 + 60 + 180 + 241 \\
 541 &:= 2^6 + 7^0 + 10^2 + 15^1 + 19^2 = 26 + 70 + 102 + 151 + 192 & 541 &:= 2^9 + 3^1 + 7^0 + 17^0 + 24^1 = 29 + 31 + 70 + 170 + 241 \\
 541 &:= 2^6 + 8^1 + 12^2 + 13^0 + 18^2 = 26 + 81 + 122 + 130 + 182 & 541 &:= 2^9 + 3^1 + 8^0 + 16^0 + 24^1 = 29 + 31 + 80 + 160 + 241 \\
 541 &:= 2^6 + 8^2 + 11^0 + 12^1 + 20^2 = 26 + 82 + 110 + 121 + 202 & 541 &:= 2^9 + 3^1 + 9^0 + 15^0 + 24^1 = 29 + 31 + 90 + 150 + 241 \\
 541 &:= 2^7 + 3^1 + 9^1 + 19^0 + 20^2 = 27 + 31 + 91 + 190 + 202 & 541 &:= 2^9 + 4^0 + 10^1 + 17^1 + 20^0 = 29 + 40 + 101 + 171 + 200 \\
 541 &:= 2^7 + 4^1 + 8^1 + 19^0 + 20^2 = 27 + 41 + 81 + 190 + 202 & 541 &:= 2^9 + 4^0 + 11^1 + 16^1 + 20^0 = 29 + 40 + 111 + 161 + 200 \\
 541 &:= 2^7 + 5^1 + 7^1 + 19^0 + 20^2 = 27 + 51 + 71 + 190 + 202 & 541 &:= 2^9 + 4^0 + 12^1 + 15^1 + 20^0 = 29 + 40 + 121 + 151 + 200 \\
 541 &:= 2^7 + 6^1 + 6^1 + 19^0 + 20^2 = 27 + 61 + 61 + 190 + 202 & 541 &:= 2^9 + 4^0 + 13^1 + 14^1 + 20^0 = 29 + 40 + 131 + 141 + 200 \\
 541 &:= 2^8 + 3^0 + 5^0 + 16^2 + 27^1 = 28 + 30 + 50 + 162 + 271 & 541 &:= 2^9 + 4^0 + 4^1 + 20^0 + 23^1 = 29 + 40 + 41 + 200 + 231 \\
 541 &:= 2^8 + 4^0 + 4^0 + 16^2 + 27^1 = 28 + 40 + 40 + 162 + 271 & 541 &:= 2^9 + 4^0 + 5^1 + 20^0 + 22^1 = 29 + 40 + 51 + 200 + 221 \\
 541 &:= 2^9 + 10^0 + 10^1 + 14^0 + 17^1 = 29 + 100 + 101 + 140 + 171 & 541 &:= 2^9 + 4^0 + 6^1 + 20^0 + 21^1 = 29 + 40 + 61 + 200 + 211 \\
 541 &:= 2^9 + 10^0 + 11^1 + 14^0 + 16^1 = 29 + 100 + 111 + 140 + 161 & 541 &:= 2^9 + 4^0 + 7^1 + 20^0 + 20^1 = 29 + 40 + 71 + 200 + 201 \\
 541 &:= 2^9 + 10^0 + 12^1 + 14^0 + 15^1 = 29 + 100 + 121 + 140 + 151 & 541 &:= 2^9 + 4^0 + 8^1 + 19^1 + 20^0 = 29 + 40 + 81 + 191 + 200 \\
 541 &:= 2^9 + 10^0 + 13^1 + 14^0 + 14^1 = 29 + 100 + 131 + 140 + 141 & 541 &:= 2^9 + 4^0 + 9^1 + 18^1 + 20^0 = 29 + 40 + 91 + 181 + 200 \\
 541 &:= 2^9 + 10^1 + 11^0 + 13^0 + 17^1 = 29 + 101 + 110 + 130 + 171 & 541 &:= 2^9 + 4^1 + 10^0 + 14^0 + 23^1 = 29 + 41 + 100 + 140 + 231 \\
 541 &:= 2^9 + 10^1 + 12^0 + 12^0 + 17^1 = 29 + 101 + 120 + 120 + 171 & 541 &:= 2^9 + 4^1 + 11^0 + 13^0 + 23^1 = 29 + 41 + 110 + 130 + 231 \\
 541 &:= 2^9 + 11^0 + 11^1 + 13^0 + 16^1 = 29 + 110 + 111 + 130 + 161 & 541 &:= 2^9 + 4^1 + 12^0 + 12^0 + 23^1 = 29 + 41 + 120 + 120 + 231 \\
 541 &:= 2^9 + 11^0 + 12^1 + 13^0 + 15^1 = 29 + 110 + 121 + 130 + 151 & 541 &:= 2^9 + 4^1 + 5^0 + 19^0 + 23^1 = 29 + 41 + 50 + 190 + 231 \\
 541 &:= 2^9 + 11^0 + 13^0 + 13^1 + 14^1 = 29 + 110 + 130 + 131 + 141 & 541 &:= 2^9 + 4^1 + 6^0 + 18^0 + 23^1 = 29 + 41 + 60 + 180 + 231 \\
 541 &:= 2^9 + 11^1 + 12^0 + 12^0 + 16^1 = 29 + 111 + 120 + 120 + 161 & 541 &:= 2^9 + 4^1 + 7^0 + 17^0 + 23^1 = 29 + 41 + 70 + 170 + 231 \\
 541 &:= 2^9 + 12^0 + 12^0 + 12^1 + 15^1 = 29 + 120 + 120 + 121 + 151 & 541 &:= 2^9 + 4^1 + 8^0 + 16^0 + 23^1 = 29 + 41 + 80 + 160 + 231
 \end{aligned}$$

$$\begin{aligned} 541 &:= 2^9 + 4^1 + 9^0 + 15^0 + 23^1 = 29 + 41 + 90 + 150 + 231 & 541 &:= 2^9 + 7^1 + 10^0 + 14^0 + 20^1 = 29 + 71 + 100 + 140 + 201 \\ 541 &:= 2^9 + 5^0 + 10^1 + 17^1 + 19^0 = 29 + 50 + 101 + 171 + 190 & 541 &:= 2^9 + 7^1 + 11^0 + 13^0 + 20^1 = 29 + 71 + 110 + 130 + 201 \\ 541 &:= 2^9 + 5^0 + 11^1 + 16^1 + 19^0 = 29 + 50 + 111 + 161 + 190 & 541 &:= 2^9 + 7^1 + 12^0 + 12^0 + 20^1 = 29 + 71 + 120 + 120 + 201 \\ 541 &:= 2^9 + 5^0 + 12^1 + 15^1 + 19^0 = 29 + 50 + 121 + 151 + 190 & 541 &:= 2^9 + 7^1 + 8^0 + 16^0 + 20^1 = 29 + 71 + 80 + 160 + 201 \\ 541 &:= 2^9 + 5^0 + 13^1 + 14^1 + 19^0 = 29 + 50 + 131 + 141 + 190 & 541 &:= 2^9 + 7^1 + 9^0 + 15^0 + 20^1 = 29 + 71 + 90 + 150 + 201 \\ 541 &:= 2^9 + 5^0 + 5^1 + 19^0 + 22^1 = 29 + 50 + 51 + 190 + 221 & 541 &:= 2^9 + 8^0 + 10^1 + 16^0 + 17^1 = 29 + 80 + 101 + 160 + 171 \\ 541 &:= 2^9 + 5^0 + 6^1 + 19^0 + 21^1 = 29 + 50 + 61 + 190 + 211 & 541 &:= 2^9 + 8^0 + 11^1 + 16^0 + 16^1 = 29 + 80 + 111 + 160 + 161 \\ 541 &:= 2^9 + 5^0 + 7^1 + 19^0 + 20^1 = 29 + 50 + 71 + 190 + 201 & 541 &:= 2^9 + 8^0 + 12^1 + 15^1 + 16^0 = 29 + 80 + 121 + 151 + 160 \\ 541 &:= 2^9 + 5^0 + 8^1 + 19^0 + 19^1 = 29 + 50 + 81 + 190 + 191 & 541 &:= 2^9 + 8^0 + 13^1 + 14^1 + 16^0 = 29 + 80 + 131 + 141 + 160 \\ 541 &:= 2^9 + 5^0 + 9^1 + 18^1 + 19^0 = 29 + 50 + 91 + 181 + 190 & 541 &:= 2^9 + 8^0 + 8^1 + 16^0 + 19^1 = 29 + 80 + 81 + 160 + 191 \\ 541 &:= 2^9 + 5^1 + 10^0 + 14^0 + 22^1 = 29 + 51 + 100 + 140 + 221 & 541 &:= 2^9 + 8^0 + 9^1 + 16^0 + 18^1 = 29 + 80 + 91 + 160 + 181 \\ 541 &:= 2^9 + 5^1 + 11^0 + 13^0 + 22^1 = 29 + 51 + 110 + 130 + 221 & 541 &:= 2^9 + 8^1 + 10^0 + 14^0 + 19^1 = 29 + 81 + 100 + 140 + 191 \\ 541 &:= 2^9 + 5^1 + 12^0 + 12^0 + 22^1 = 29 + 51 + 120 + 120 + 221 & 541 &:= 2^9 + 8^1 + 11^0 + 13^0 + 19^1 = 29 + 81 + 110 + 130 + 191 \\ 541 &:= 2^9 + 5^1 + 6^0 + 18^0 + 22^1 = 29 + 51 + 60 + 180 + 221 & 541 &:= 2^9 + 8^1 + 12^0 + 12^0 + 19^1 = 29 + 81 + 120 + 120 + 191 \\ 541 &:= 2^9 + 5^1 + 7^0 + 17^0 + 22^1 = 29 + 51 + 70 + 170 + 221 & 541 &:= 2^9 + 8^1 + 9^0 + 15^0 + 19^1 = 29 + 81 + 90 + 150 + 191 \\ 541 &:= 2^9 + 5^1 + 8^0 + 16^0 + 22^1 = 29 + 51 + 80 + 160 + 221 & 541 &:= 2^9 + 9^0 + 10^1 + 15^0 + 17^1 = 29 + 90 + 101 + 150 + 171 \\ 541 &:= 2^9 + 5^1 + 9^0 + 15^0 + 22^1 = 29 + 51 + 90 + 150 + 221 & 541 &:= 2^9 + 9^0 + 11^1 + 15^0 + 16^1 = 29 + 90 + 111 + 150 + 161 \\ 541 &:= 2^9 + 6^0 + 10^1 + 17^1 + 18^0 = 29 + 60 + 101 + 171 + 180 & 541 &:= 2^9 + 9^0 + 12^1 + 15^0 + 15^1 = 29 + 90 + 121 + 150 + 151 \\ 541 &:= 2^9 + 6^0 + 11^1 + 16^1 + 18^0 = 29 + 60 + 111 + 161 + 180 & 541 &:= 2^9 + 9^0 + 13^1 + 14^1 + 15^0 = 29 + 90 + 131 + 141 + 150 \\ 541 &:= 2^9 + 6^0 + 12^1 + 15^1 + 18^0 = 29 + 60 + 121 + 151 + 180 & 541 &:= 2^9 + 9^0 + 9^1 + 15^0 + 18^1 = 29 + 90 + 91 + 150 + 181 \\ 541 &:= 2^9 + 6^0 + 13^1 + 14^1 + 18^0 = 29 + 60 + 131 + 141 + 180 & 541 &:= 2^9 + 9^1 + 10^0 + 14^0 + 18^1 = 29 + 91 + 100 + 140 + 181 \\ 541 &:= 2^9 + 6^0 + 6^1 + 18^0 + 21^1 = 29 + 60 + 61 + 180 + 211 & 541 &:= 2^9 + 9^1 + 11^0 + 13^0 + 18^1 = 29 + 91 + 110 + 130 + 181 \\ 541 &:= 2^9 + 6^0 + 7^1 + 18^0 + 20^1 = 29 + 60 + 71 + 180 + 201 & 541 &:= 2^9 + 9^1 + 12^0 + 12^0 + 18^1 = 29 + 91 + 120 + 120 + 181 \\ 541 &:= 2^9 + 6^0 + 8^1 + 18^0 + 19^1 = 29 + 60 + 81 + 180 + 191 & 541 &:= 3^2 + 3^4 + 12^2 + 17^2 + 18^1 = 32 + 34 + 122 + 172 + 181 \\ 541 &:= 2^9 + 6^0 + 9^1 + 18^0 + 18^1 = 29 + 60 + 91 + 180 + 181 & 541 &:= 3^2 + 3^5 + 12^2 + 12^2 + 23^0 = 32 + 35 + 122 + 122 + 230 \\ 541 &:= 2^9 + 6^1 + 10^0 + 14^0 + 21^1 = 29 + 61 + 100 + 140 + 211 & 541 &:= 3^2 + 4^4 + 4^4 + 19^1 + 23^0 = 32 + 44 + 44 + 191 + 230 \\ 541 &:= 2^9 + 6^1 + 11^0 + 13^0 + 21^1 = 29 + 61 + 110 + 130 + 211 & 541 &:= 3^2 + 4^4 + 5^2 + 15^2 + 26^1 = 32 + 44 + 52 + 152 + 261 \\ 541 &:= 2^9 + 6^1 + 12^0 + 12^0 + 21^1 = 29 + 61 + 120 + 120 + 211 & 541 &:= 3^3 + 3^3 + 5^2 + 21^1 + 21^2 = 33 + 33 + 52 + 211 + 212 \\ 541 &:= 2^9 + 6^1 + 7^0 + 17^0 + 21^1 = 29 + 61 + 70 + 170 + 211 & 541 &:= 3^3 + 3^3 + 5^3 + 19^2 + 23^0 = 33 + 33 + 53 + 192 + 230 \\ 541 &:= 2^9 + 6^1 + 8^0 + 16^0 + 21^1 = 29 + 61 + 80 + 160 + 211 & 541 &:= 3^3 + 3^5 + 14^1 + 16^2 + 17^0 = 33 + 35 + 141 + 162 + 170 \\ 541 &:= 2^9 + 6^1 + 9^0 + 15^0 + 21^1 = 29 + 61 + 90 + 150 + 211 & 541 &:= 3^3 + 4^3 + 12^2 + 17^1 + 17^2 = 33 + 43 + 122 + 171 + 172 \\ 541 &:= 2^9 + 7^0 + 10^1 + 17^0 + 17^1 = 29 + 70 + 101 + 170 + 171 & 541 &:= 3^3 + 4^3 + 5^3 + 18^2 + 23^0 = 33 + 43 + 53 + 182 + 230 \\ 541 &:= 2^9 + 7^0 + 11^1 + 16^1 + 17^0 = 29 + 70 + 111 + 161 + 170 & 541 &:= 3^3 + 4^4 + 4^4 + 15^0 + 27^0 = 33 + 44 + 44 + 150 + 270 \\ 541 &:= 2^9 + 7^0 + 12^1 + 15^1 + 17^0 = 29 + 70 + 121 + 151 + 170 & 541 &:= 3^3 + 4^4 + 4^4 + 16^0 + 26^0 = 33 + 44 + 44 + 160 + 260 \\ 541 &:= 2^9 + 7^0 + 13^1 + 14^1 + 17^0 = 29 + 70 + 131 + 141 + 170 & 541 &:= 3^3 + 4^4 + 4^4 + 17^0 + 25^0 = 33 + 44 + 44 + 170 + 250 \\ 541 &:= 2^9 + 7^0 + 7^1 + 17^0 + 20^1 = 29 + 70 + 71 + 170 + 201 & 541 &:= 3^3 + 4^4 + 4^4 + 18^0 + 24^0 = 33 + 44 + 44 + 180 + 240 \\ 541 &:= 2^9 + 7^0 + 8^1 + 17^0 + 19^1 = 29 + 70 + 81 + 170 + 191 & 541 &:= 3^3 + 4^4 + 4^4 + 19^0 + 23^0 = 33 + 44 + 44 + 190 + 230 \\ 541 &:= 2^9 + 7^0 + 9^1 + 17^0 + 18^1 = 29 + 70 + 91 + 170 + 181 & 541 &:= 3^3 + 4^4 + 4^4 + 20^0 + 22^0 = 33 + 44 + 44 + 200 + 220 \end{aligned}$$

$$\begin{aligned}
 541 &:= 3^3 + 4^4 + 4^4 + 21^0 + 21^0 = 33 + 44 + 44 + 210 + 210 \\
 541 &:= 3^3 + 5^3 + 9^2 + 17^2 + 19^1 = 33 + 53 + 92 + 172 + 191 \\
 541 &:= 3^3 + 6^3 + 9^2 + 14^2 + 21^1 = 33 + 63 + 92 + 142 + 211 \\
 541 &:= 3^3 + 7^3 + 8^2 + 9^2 + 26^1 = 33 + 73 + 82 + 92 + 261 \\
 541 &:= 3^4 + 10^2 + 11^2 + 14^1 + 15^2 = 34 + 102 + 112 + 141 + 152 \\
 541 &:= 3^4 + 3^4 + 11^0 + 17^1 + 19^2 = 34 + 34 + 110 + 171 + 192 \\
 541 &:= 3^4 + 4^2 + 8^2 + 19^1 + 19^2 = 34 + 42 + 82 + 191 + 192 \\
 541 &:= 3^4 + 4^4 + 7^1 + 14^2 + 25^0 = 34 + 44 + 71 + 142 + 250 \\
 541 &:= 3^4 + 6^3 + 6^3 + 11^0 + 27^1 = 34 + 63 + 63 + 110 + 271 \\
 541 &:= 3^4 + 9^2 + 13^2 + 14^1 + 14^2 = 34 + 92 + 132 + 141 + 142 \\
 541 &:= 3^5 + 4^2 + 5^2 + 16^2 + 25^0 = 35 + 42 + 52 + 162 + 250 \\
 541 &:= 3^5 + 4^3 + 8^1 + 15^2 + 23^0 = 35 + 43 + 81 + 152 + 230 \\
 541 &:= 3^5 + 4^4 + 5^0 + 14^1 + 27^1 = 35 + 44 + 50 + 141 + 271
 \end{aligned}$$

$$\begin{aligned}
 541 &:= 3^5 + 4^4 + 5^0 + 15^1 + 26^1 = 35 + 44 + 50 + 151 + 261 \\
 541 &:= 3^5 + 4^4 + 5^0 + 16^1 + 25^1 = 35 + 44 + 50 + 161 + 251 \\
 541 &:= 3^5 + 4^4 + 5^0 + 17^1 + 24^1 = 35 + 44 + 50 + 171 + 241 \\
 541 &:= 3^5 + 4^4 + 5^0 + 18^1 + 23^1 = 35 + 44 + 50 + 181 + 231 \\
 541 &:= 3^5 + 4^4 + 5^0 + 19^1 + 22^1 = 35 + 44 + 50 + 191 + 221 \\
 541 &:= 3^5 + 4^4 + 5^0 + 20^1 + 21^1 = 35 + 44 + 50 + 201 + 211 \\
 541 &:= 3^5 + 6^2 + 6^2 + 15^2 + 23^0 = 35 + 62 + 62 + 152 + 230 \\
 541 &:= 3^5 + 6^3 + 8^2 + 17^1 + 19^0 = 35 + 63 + 82 + 171 + 190 \\
 541 &:= 3^5 + 8^2 + 8^2 + 13^2 + 21^0 = 35 + 82 + 82 + 132 + 210 \\
 541 &:= 4^2 + 4^4 + 7^2 + 14^2 + 24^1 = 42 + 44 + 72 + 142 + 241 \\
 541 &:= 4^3 + 4^3 + 6^3 + 14^2 + 25^0 = 43 + 43 + 63 + 142 + 250 \\
 541 &:= 4^4 + 8^2 + 10^2 + 10^2 + 21^1 = 44 + 82 + 102 + 102 + 211
 \end{aligned}$$

2.2.443 Number 542

$$\begin{aligned}
 542 &:= 1^2 + 2^9 + 22^0 + 28^1 = 12 + 29 + 220 + 281 \\
 542 &:= 1^7 + 6^3 + 18^2 + 28^0 = 17 + 63 + 182 + 280 \\
 542 &:= 1^8 + 8^3 + 16^0 + 28^1 = 18 + 83 + 160 + 281 \\
 542 &:= 1^9 + 11^1 + 18^0 + 23^2 = 19 + 111 + 180 + 232 \\
 542 &:= 2^2 + 2^9 + 24^0 + 25^1 = 22 + 29 + 240 + 251 \\
 542 &:= 2^9 + 3^2 + 20^1 + 28^0 = 29 + 32 + 201 + 280 \\
 542 &:= 2^9 + 4^1 + 5^2 + 42^0 = 29 + 41 + 52 + 420 \\
 542 &:= 2^9 + 4^2 + 13^1 + 34^0 = 29 + 42 + 131 + 340 \\
 542 &:= 1^0 + 1^2 + 2^9 + 22^0 + 27^1 = 10 + 12 + 29 + 220 + 271 \\
 542 &:= 1^0 + 1^8 + 8^3 + 16^0 + 27^1 = 10 + 18 + 83 + 160 + 271 \\
 542 &:= 1^0 + 1^9 + 10^1 + 18^0 + 23^2 = 10 + 19 + 101 + 180 + 232 \\
 542 &:= 1^0 + 2^2 + 2^9 + 24^0 + 24^1 = 10 + 22 + 29 + 240 + 241 \\
 542 &:= 1^0 + 2^9 + 3^3 + 20^0 + 27^0 = 10 + 29 + 33 + 200 + 270 \\
 542 &:= 1^0 + 2^9 + 3^3 + 21^0 + 26^0 = 10 + 29 + 33 + 210 + 260 \\
 542 &:= 1^0 + 2^9 + 3^3 + 22^0 + 25^0 = 10 + 29 + 33 + 220 + 250 \\
 542 &:= 1^0 + 2^9 + 3^3 + 23^0 + 24^0 = 10 + 29 + 33 + 230 + 240 \\
 542 &:= 1^1 + 1^1 + 2^9 + 22^0 + 27^1 = 11 + 11 + 29 + 220 + 271 \\
 542 &:= 1^1 + 1^7 + 8^3 + 16^0 + 27^1 = 11 + 17 + 83 + 160 + 271 \\
 542 &:= 1^1 + 1^8 + 10^1 + 18^0 + 23^2 = 11 + 18 + 101 + 180 + 232 \\
 542 &:= 1^1 + 2^1 + 2^9 + 22^0 + 26^1 = 11 + 21 + 29 + 220 + 261 \\
 542 &:= 1^1 + 2^9 + 10^1 + 18^1 + 22^0 = 11 + 29 + 101 + 181 + 220 \\
 542 &:= 1^1 + 2^9 + 11^1 + 17^1 + 22^0 = 11 + 29 + 111 + 171 + 220
 \end{aligned}$$

$$\begin{aligned}
 542 &:= 1^1 + 2^9 + 12^1 + 16^1 + 22^0 = 11 + 29 + 121 + 161 + 220 \\
 542 &:= 1^1 + 2^9 + 13^1 + 15^1 + 22^0 = 11 + 29 + 131 + 151 + 220 \\
 542 &:= 1^1 + 2^9 + 14^1 + 14^1 + 22^0 = 11 + 29 + 141 + 141 + 220 \\
 542 &:= 1^1 + 2^9 + 3^1 + 22^0 + 25^1 = 11 + 29 + 31 + 220 + 251 \\
 542 &:= 1^1 + 2^9 + 4^1 + 22^0 + 24^1 = 11 + 29 + 41 + 220 + 241 \\
 542 &:= 1^1 + 2^9 + 5^1 + 22^0 + 23^1 = 11 + 29 + 51 + 220 + 231 \\
 542 &:= 1^1 + 2^9 + 6^1 + 22^0 + 22^1 = 11 + 29 + 61 + 220 + 221 \\
 542 &:= 1^1 + 2^9 + 7^1 + 21^1 + 22^0 = 11 + 29 + 71 + 211 + 220 \\
 542 &:= 1^1 + 2^9 + 8^1 + 20^1 + 22^0 = 11 + 29 + 81 + 201 + 220 \\
 542 &:= 1^1 + 2^9 + 9^1 + 19^1 + 22^0 = 11 + 29 + 91 + 191 + 220 \\
 542 &:= 1^2 + 1^6 + 8^3 + 16^0 + 27^1 = 12 + 16 + 83 + 160 + 271 \\
 542 &:= 1^2 + 1^7 + 10^1 + 18^0 + 23^2 = 12 + 17 + 101 + 180 + 232 \\
 542 &:= 1^2 + 2^0 + 2^9 + 21^0 + 27^1 = 12 + 20 + 29 + 210 + 271 \\
 542 &:= 1^2 + 2^7 + 12^1 + 18^0 + 20^2 = 12 + 27 + 121 + 180 + 202 \\
 542 &:= 1^2 + 2^9 + 10^0 + 13^0 + 27^1 = 12 + 29 + 100 + 130 + 271 \\
 542 &:= 1^2 + 2^9 + 11^0 + 12^0 + 27^1 = 12 + 29 + 110 + 120 + 271 \\
 542 &:= 1^2 + 2^9 + 3^0 + 20^0 + 27^1 = 12 + 29 + 30 + 200 + 271 \\
 542 &:= 1^2 + 2^9 + 4^0 + 19^0 + 27^1 = 12 + 29 + 40 + 190 + 271 \\
 542 &:= 1^2 + 2^9 + 5^0 + 18^0 + 27^1 = 12 + 29 + 50 + 180 + 271 \\
 542 &:= 1^2 + 2^9 + 6^0 + 17^0 + 27^1 = 12 + 29 + 60 + 170 + 271 \\
 542 &:= 1^2 + 2^9 + 7^0 + 16^0 + 27^1 = 12 + 29 + 70 + 160 + 271 \\
 542 &:= 1^2 + 2^9 + 8^0 + 15^0 + 27^1 = 12 + 29 + 80 + 150 + 271
 \end{aligned}$$

$$\begin{aligned}
 542 &:= 1^2 + 2^9 + 9^0 + 14^0 + 27^1 = 12 + 29 + 90 + 140 + 271 & 542 &:= 1^7 + 7^0 + 7^3 + 14^2 + 24^0 = 17 + 70 + 73 + 142 + 240 \\
 542 &:= 1^3 + 1^5 + 8^3 + 16^0 + 27^1 = 13 + 15 + 83 + 160 + 271 & 542 &:= 1^7 + 7^1 + 7^2 + 16^0 + 22^2 = 17 + 71 + 72 + 160 + 222 \\
 542 &:= 1^3 + 1^6 + 10^1 + 18^0 + 23^2 = 13 + 16 + 101 + 180 + 232 & 542 &:= 1^7 + 7^1 + 8^3 + 16^0 + 21^1 = 17 + 71 + 83 + 160 + 211 \\
 542 &:= 1^3 + 1^9 + 2^9 + 21^0 + 27^1 = 13 + 19 + 29 + 210 + 271 & 542 &:= 1^7 + 7^3 + 10^0 + 14^2 + 21^0 = 17 + 73 + 100 + 142 + 210 \\
 542 &:= 1^4 + 1^4 + 8^3 + 16^0 + 27^1 = 14 + 14 + 83 + 160 + 271 & 542 &:= 1^7 + 7^3 + 11^0 + 14^2 + 20^0 = 17 + 73 + 110 + 142 + 200 \\
 542 &:= 1^4 + 1^5 + 10^1 + 18^0 + 23^2 = 14 + 15 + 101 + 180 + 232 & 542 &:= 1^7 + 7^3 + 12^0 + 14^2 + 19^0 = 17 + 73 + 120 + 142 + 190 \\
 542 &:= 1^4 + 1^8 + 2^9 + 21^0 + 27^1 = 14 + 18 + 29 + 210 + 271 & 542 &:= 1^7 + 7^3 + 13^0 + 14^2 + 18^0 = 17 + 73 + 130 + 142 + 180 \\
 542 &:= 1^4 + 2^5 + 4^0 + 22^2 + 24^1 = 14 + 25 + 40 + 222 + 241 & 542 &:= 1^7 + 7^3 + 14^0 + 14^2 + 17^0 = 17 + 73 + 140 + 142 + 170 \\
 542 &:= 1^4 + 3^5 + 8^1 + 17^2 + 24^0 = 14 + 35 + 81 + 172 + 240 & 542 &:= 1^7 + 7^3 + 14^2 + 15^0 + 16^0 = 17 + 73 + 142 + 150 + 160 \\
 542 &:= 1^5 + 1^7 + 2^9 + 21^0 + 27^1 = 15 + 17 + 29 + 210 + 271 & 542 &:= 1^7 + 7^3 + 8^0 + 14^2 + 23^0 = 17 + 73 + 80 + 142 + 230 \\
 542 &:= 1^5 + 2^3 + 8^3 + 20^1 + 22^0 = 15 + 23 + 83 + 201 + 220 & 542 &:= 1^7 + 7^3 + 9^0 + 14^2 + 22^0 = 17 + 73 + 90 + 142 + 220 \\
 542 &:= 1^5 + 3^4 + 10^0 + 18^1 + 21^2 = 15 + 34 + 100 + 181 + 212 & 542 &:= 1^7 + 8^1 + 8^3 + 16^0 + 20^1 = 17 + 81 + 83 + 160 + 201 \\
 542 &:= 1^6 + 1^6 + 2^9 + 21^0 + 27^1 = 16 + 16 + 29 + 210 + 271 & 542 &:= 1^7 + 8^3 + 10^1 + 16^0 + 18^1 = 17 + 83 + 101 + 160 + 181 \\
 542 &:= 1^6 + 2^2 + 8^3 + 18^0 + 24^1 = 16 + 22 + 83 + 180 + 241 & 542 &:= 1^7 + 8^3 + 11^1 + 16^0 + 17^1 = 17 + 83 + 111 + 160 + 171 \\
 542 &:= 1^6 + 2^3 + 3^1 + 23^2 + 24^0 = 16 + 23 + 31 + 232 + 240 & 542 &:= 1^7 + 8^3 + 12^1 + 16^0 + 16^1 = 17 + 83 + 121 + 160 + 161 \\
 542 &:= 1^6 + 3^2 + 8^3 + 19^1 + 22^0 = 16 + 32 + 83 + 191 + 220 & 542 &:= 1^7 + 8^3 + 13^1 + 15^1 + 16^0 = 17 + 83 + 131 + 151 + 160 \\
 542 &:= 1^6 + 3^3 + 8^3 + 14^0 + 27^0 = 16 + 33 + 83 + 140 + 270 & 542 &:= 1^7 + 8^3 + 14^1 + 14^1 + 16^0 = 17 + 83 + 141 + 141 + 160 \\
 542 &:= 1^6 + 3^3 + 8^3 + 15^0 + 26^0 = 16 + 33 + 83 + 150 + 260 & 542 &:= 1^7 + 8^3 + 9^1 + 16^0 + 19^1 = 17 + 83 + 91 + 160 + 191 \\
 542 &:= 1^6 + 3^3 + 8^3 + 16^0 + 25^0 = 16 + 33 + 83 + 160 + 250 & 542 &:= 1^8 + 1^9 + 11^2 + 19^1 + 20^2 = 18 + 19 + 112 + 191 + 202 \\
 542 &:= 1^6 + 3^3 + 8^3 + 17^0 + 24^0 = 16 + 33 + 83 + 170 + 240 & 542 &:= 1^8 + 2^0 + 8^3 + 15^0 + 27^1 = 18 + 20 + 83 + 150 + 271 \\
 542 &:= 1^6 + 3^3 + 8^3 + 18^0 + 23^0 = 16 + 33 + 83 + 180 + 230 & 542 &:= 1^8 + 2^1 + 9^1 + 18^0 + 23^2 = 18 + 21 + 91 + 180 + 232 \\
 542 &:= 1^6 + 3^3 + 8^3 + 19^0 + 22^0 = 16 + 33 + 83 + 190 + 220 & 542 &:= 1^8 + 3^0 + 8^3 + 14^0 + 27^1 = 18 + 30 + 83 + 140 + 271 \\
 542 &:= 1^6 + 3^3 + 8^3 + 20^0 + 21^0 = 16 + 33 + 83 + 200 + 210 & 542 &:= 1^8 + 3^1 + 8^1 + 18^0 + 23^2 = 18 + 31 + 81 + 180 + 232 \\
 542 &:= 1^6 + 5^3 + 12^0 + 15^1 + 20^2 = 16 + 53 + 120 + 151 + 202 & 542 &:= 1^8 + 4^0 + 8^3 + 13^0 + 27^1 = 18 + 40 + 83 + 130 + 271 \\
 542 &:= 1^7 + 10^0 + 10^1 + 13^2 + 19^2 = 17 + 100 + 101 + 132 + 192 & 542 &:= 1^8 + 4^1 + 7^1 + 18^0 + 23^2 = 18 + 41 + 71 + 180 + 232 \\
 542 &:= 1^7 + 2^0 + 11^2 + 19^1 + 20^2 = 17 + 20 + 112 + 191 + 202 & 542 &:= 1^8 + 5^0 + 8^3 + 12^0 + 27^1 = 18 + 50 + 83 + 120 + 271 \\
 542 &:= 1^7 + 2^1 + 3^2 + 23^2 + 24^0 = 17 + 21 + 32 + 232 + 240 & 542 &:= 1^8 + 5^1 + 6^1 + 18^0 + 23^2 = 18 + 51 + 61 + 180 + 232 \\
 542 &:= 1^7 + 2^1 + 8^3 + 16^0 + 26^1 = 17 + 21 + 83 + 160 + 261 & 542 &:= 1^8 + 6^0 + 8^3 + 11^0 + 27^1 = 18 + 60 + 83 + 110 + 271 \\
 542 &:= 1^7 + 2^2 + 7^1 + 20^0 + 23^2 = 17 + 22 + 71 + 200 + 232 & 542 &:= 1^8 + 7^0 + 8^3 + 10^0 + 27^1 = 18 + 70 + 83 + 100 + 271 \\
 542 &:= 1^7 + 3^1 + 8^3 + 16^0 + 25^1 = 17 + 31 + 83 + 160 + 251 & 542 &:= 1^8 + 8^0 + 8^3 + 9^0 + 27^1 = 18 + 80 + 83 + 90 + 271 \\
 542 &:= 1^7 + 4^0 + 6^2 + 20^1 + 22^2 = 17 + 40 + 62 + 201 + 222 & 542 &:= 1^9 + 1^9 + 8^3 + 15^0 + 27^1 = 19 + 19 + 83 + 150 + 271 \\
 542 &:= 1^7 + 4^0 + 7^3 + 14^2 + 27^0 = 17 + 40 + 73 + 142 + 270 & 542 &:= 1^9 + 2^0 + 10^1 + 17^0 + 23^2 = 19 + 20 + 101 + 170 + 232 \\
 542 &:= 1^7 + 4^0 + 9^2 + 18^1 + 21^2 = 17 + 40 + 92 + 181 + 212 & 542 &:= 1^9 + 2^3 + 2^9 + 20^1 + 27^0 = 19 + 23 + 29 + 201 + 270 \\
 542 &:= 1^7 + 4^1 + 8^3 + 16^0 + 24^1 = 17 + 41 + 83 + 160 + 241 & 542 &:= 1^9 + 3^0 + 10^1 + 16^0 + 23^2 = 19 + 30 + 101 + 160 + 232 \\
 542 &:= 1^7 + 5^0 + 7^3 + 14^2 + 26^0 = 17 + 50 + 73 + 142 + 260 & 542 &:= 1^9 + 4^0 + 10^1 + 15^0 + 23^2 = 19 + 40 + 101 + 150 + 232 \\
 542 &:= 1^7 + 5^1 + 8^3 + 16^0 + 23^1 = 17 + 51 + 83 + 160 + 231 & 542 &:= 1^9 + 5^0 + 10^1 + 14^0 + 23^2 = 19 + 50 + 101 + 140 + 232 \\
 542 &:= 1^7 + 6^0 + 7^3 + 14^2 + 25^0 = 17 + 60 + 73 + 142 + 250 & 542 &:= 1^9 + 6^0 + 10^1 + 13^0 + 23^2 = 19 + 60 + 101 + 130 + 232 \\
 542 &:= 1^7 + 6^1 + 8^3 + 16^0 + 22^1 = 17 + 61 + 83 + 160 + 221 & 542 &:= 1^9 + 7^0 + 10^1 + 12^0 + 23^2 = 19 + 70 + 101 + 120 + 232
 \end{aligned}$$

$$\begin{aligned} 542 &:= 1^9 + 8^0 + 10^1 + 11^0 + 23^2 = 19 + 80 + 101 + 110 + 232 & 542 &:= 2^4 + 2^4 + 5^2 + 22^0 + 22^2 = 24 + 24 + 52 + 220 + 222 \\ 542 &:= 1^9 + 9^0 + 10^0 + 10^1 + 23^2 = 19 + 90 + 100 + 101 + 232 & 542 &:= 2^4 + 2^5 + 9^1 + 18^0 + 22^2 = 24 + 25 + 91 + 180 + 222 \\ 542 &:= 2^0 + 2^2 + 2^9 + 23^0 + 24^1 = 20 + 22 + 29 + 230 + 241 & 542 &:= 2^4 + 3^5 + 6^0 + 16^2 + 26^1 = 24 + 35 + 60 + 162 + 261 \\ 542 &:= 2^0 + 2^7 + 14^2 + 14^2 + 21^1 = 20 + 27 + 142 + 142 + 211 & 542 &:= 2^4 + 4^4 + 10^2 + 13^2 + 24^0 = 24 + 44 + 102 + 132 + 240 \\ 542 &:= 2^0 + 2^9 + 3^2 + 19^1 + 27^0 = 20 + 29 + 32 + 191 + 270 & 542 &:= 2^5 + 3^3 + 11^2 + 18^0 + 19^2 = 25 + 33 + 112 + 180 + 192 \\ 542 &:= 2^0 + 2^9 + 3^3 + 19^0 + 27^0 = 20 + 29 + 33 + 190 + 270 & 542 &:= 2^5 + 4^3 + 11^2 + 18^0 + 18^2 = 25 + 43 + 112 + 180 + 182 \\ 542 &:= 2^0 + 2^9 + 3^3 + 20^0 + 26^0 = 20 + 29 + 33 + 200 + 260 & 542 &:= 2^6 + 10^2 + 11^2 + 14^0 + 16^2 = 26 + 102 + 112 + 140 + 162 \\ 542 &:= 2^0 + 2^9 + 3^3 + 21^0 + 25^0 = 20 + 29 + 33 + 210 + 250 & 542 &:= 2^6 + 3^2 + 12^2 + 18^0 + 18^2 = 26 + 32 + 122 + 180 + 182 \\ 542 &:= 2^0 + 2^9 + 3^3 + 22^0 + 24^0 = 20 + 29 + 33 + 220 + 240 & 542 &:= 2^6 + 3^3 + 9^1 + 18^0 + 21^2 = 26 + 33 + 91 + 180 + 212 \\ 542 &:= 2^0 + 2^9 + 3^3 + 23^0 + 23^0 = 20 + 29 + 33 + 230 + 230 & 542 &:= 2^6 + 4^2 + 10^2 + 18^0 + 19^2 = 26 + 42 + 102 + 180 + 192 \\ 542 &:= 2^1 + 2^1 + 2^9 + 22^0 + 25^1 = 21 + 21 + 29 + 220 + 251 & 542 &:= 2^6 + 4^3 + 13^1 + 14^0 + 20^2 = 26 + 43 + 131 + 140 + 202 \\ 542 &:= 2^1 + 2^8 + 6^0 + 16^2 + 27^1 = 21 + 28 + 60 + 162 + 271 & 542 &:= 2^6 + 5^1 + 6^3 + 16^2 + 24^0 = 26 + 51 + 63 + 162 + 240 \\ 542 &:= 2^1 + 2^9 + 10^1 + 17^1 + 22^0 = 21 + 29 + 101 + 171 + 220 & 542 &:= 2^6 + 5^2 + 14^2 + 16^0 + 16^2 = 26 + 52 + 142 + 160 + 162 \\ 542 &:= 2^1 + 2^9 + 11^1 + 16^1 + 22^0 = 21 + 29 + 111 + 161 + 220 & 542 &:= 2^6 + 7^3 + 11^2 + 13^1 + 20^0 = 26 + 73 + 112 + 131 + 200 \\ 542 &:= 2^1 + 2^9 + 12^1 + 15^1 + 22^0 = 21 + 29 + 121 + 151 + 220 & 542 &:= 2^7 + 10^0 + 12^2 + 13^1 + 16^2 = 27 + 100 + 122 + 131 + 162 \\ 542 &:= 2^1 + 2^9 + 13^1 + 14^1 + 22^0 = 21 + 29 + 131 + 141 + 220 & 542 &:= 2^7 + 3^1 + 11^2 + 17^2 + 20^0 = 27 + 31 + 112 + 172 + 200 \\ 542 &:= 2^1 + 2^9 + 3^1 + 22^0 + 24^1 = 21 + 29 + 31 + 220 + 241 & 542 &:= 2^7 + 3^1 + 7^2 + 19^2 + 22^0 = 27 + 31 + 72 + 192 + 220 \\ 542 &:= 2^1 + 2^9 + 4^1 + 22^0 + 23^1 = 21 + 29 + 41 + 220 + 231 & 542 &:= 2^7 + 3^2 + 4^1 + 20^2 + 24^0 = 27 + 32 + 41 + 202 + 240 \\ 542 &:= 2^1 + 2^9 + 5^1 + 22^0 + 22^1 = 21 + 29 + 51 + 220 + 221 & 542 &:= 2^7 + 4^0 + 13^2 + 15^2 + 19^1 = 27 + 40 + 132 + 152 + 191 \\ 542 &:= 2^1 + 2^9 + 6^1 + 21^1 + 22^0 = 21 + 29 + 61 + 211 + 220 & 542 &:= 2^7 + 4^0 + 6^3 + 14^2 + 27^0 = 27 + 40 + 63 + 142 + 270 \\ 542 &:= 2^1 + 2^9 + 7^1 + 20^1 + 22^0 = 21 + 29 + 71 + 201 + 220 & 542 &:= 2^7 + 5^0 + 6^3 + 14^2 + 26^0 = 27 + 50 + 63 + 142 + 260 \\ 542 &:= 2^1 + 2^9 + 8^1 + 19^1 + 22^0 = 21 + 29 + 81 + 191 + 220 & 542 &:= 2^7 + 6^0 + 6^3 + 14^2 + 25^0 = 27 + 60 + 63 + 142 + 250 \\ 542 &:= 2^1 + 2^9 + 9^1 + 18^1 + 22^0 = 21 + 29 + 91 + 181 + 220 & 542 &:= 2^7 + 6^2 + 10^0 + 16^1 + 19^2 = 27 + 62 + 100 + 161 + 192 \\ 542 &:= 2^2 + 2^5 + 4^3 + 21^2 + 24^0 = 22 + 25 + 43 + 212 + 240 & 542 &:= 2^7 + 6^3 + 10^0 + 14^2 + 21^0 = 27 + 63 + 100 + 142 + 210 \\ 542 &:= 2^2 + 2^5 + 6^3 + 17^2 + 26^0 = 22 + 25 + 63 + 172 + 260 & 542 &:= 2^7 + 6^3 + 11^0 + 14^2 + 20^0 = 27 + 63 + 110 + 142 + 200 \\ 542 &:= 2^2 + 2^7 + 9^1 + 20^0 + 20^2 = 22 + 27 + 91 + 200 + 202 & 542 &:= 2^7 + 6^3 + 12^0 + 14^2 + 19^0 = 27 + 63 + 120 + 142 + 190 \\ 542 &:= 2^2 + 2^9 + 10^0 + 15^0 + 24^1 = 22 + 29 + 100 + 150 + 241 & 542 &:= 2^7 + 6^3 + 13^0 + 14^2 + 18^0 = 27 + 63 + 130 + 142 + 180 \\ 542 &:= 2^2 + 2^9 + 11^0 + 14^0 + 24^1 = 22 + 29 + 110 + 140 + 241 & 542 &:= 2^7 + 6^3 + 14^0 + 14^2 + 17^0 = 27 + 63 + 140 + 142 + 170 \\ 542 &:= 2^2 + 2^9 + 12^0 + 13^0 + 24^1 = 22 + 29 + 120 + 130 + 241 & 542 &:= 2^7 + 6^3 + 14^2 + 15^0 + 16^0 = 27 + 63 + 142 + 150 + 160 \\ 542 &:= 2^2 + 2^9 + 3^0 + 22^0 + 24^1 = 22 + 29 + 30 + 220 + 241 & 542 &:= 2^7 + 6^3 + 7^0 + 14^2 + 24^0 = 27 + 63 + 70 + 142 + 240 \\ 542 &:= 2^2 + 2^9 + 4^0 + 21^0 + 24^1 = 22 + 29 + 40 + 210 + 241 & 542 &:= 2^7 + 6^3 + 8^0 + 14^2 + 23^0 = 27 + 63 + 80 + 142 + 230 \\ 542 &:= 2^2 + 2^9 + 5^0 + 20^0 + 24^1 = 22 + 29 + 50 + 200 + 241 & 542 &:= 2^7 + 6^3 + 9^0 + 14^2 + 22^0 = 27 + 63 + 90 + 142 + 220 \\ 542 &:= 2^2 + 2^9 + 6^0 + 19^0 + 24^1 = 22 + 29 + 60 + 190 + 241 & 542 &:= 2^7 + 8^1 + 9^2 + 16^0 + 18^2 = 27 + 81 + 92 + 160 + 182 \\ 542 &:= 2^2 + 2^9 + 7^0 + 18^0 + 24^1 = 22 + 29 + 70 + 180 + 241 & 542 &:= 2^8 + 3^1 + 6^0 + 16^2 + 26^1 = 28 + 31 + 60 + 162 + 261 \\ 542 &:= 2^2 + 2^9 + 8^0 + 17^0 + 24^1 = 22 + 29 + 80 + 170 + 241 & 542 &:= 2^8 + 4^1 + 6^0 + 16^2 + 25^1 = 28 + 41 + 60 + 162 + 251 \\ 542 &:= 2^2 + 2^9 + 9^0 + 16^0 + 24^1 = 22 + 29 + 90 + 160 + 241 & 542 &:= 2^8 + 5^1 + 6^0 + 16^2 + 24^1 = 28 + 51 + 60 + 162 + 241 \\ 542 &:= 2^3 + 3^5 + 11^2 + 13^2 + 24^0 = 23 + 35 + 112 + 132 + 240 & 542 &:= 2^8 + 6^0 + 10^1 + 16^2 + 19^1 = 28 + 60 + 101 + 162 + 191 \\ 542 &:= 2^3 + 4^4 + 4^4 + 21^1 + 22^0 = 23 + 44 + 44 + 211 + 220 & 542 &:= 2^8 + 6^0 + 11^1 + 16^2 + 18^1 = 28 + 60 + 111 + 162 + 181 \end{aligned}$$

$$\begin{aligned} 542 &:= 2^8 + 6^0 + 12^1 + 16^2 + 17^1 = 28 + 60 + 121 + 162 + 171 \\ 542 &:= 2^8 + 6^0 + 13^1 + 16^1 + 16^2 = 28 + 60 + 131 + 161 + 162 \\ 542 &:= 2^8 + 6^0 + 14^1 + 15^1 + 16^2 = 28 + 60 + 141 + 151 + 162 \\ 542 &:= 2^8 + 6^0 + 6^1 + 16^2 + 23^1 = 28 + 60 + 61 + 162 + 231 \\ 542 &:= 2^8 + 6^0 + 7^1 + 16^2 + 22^1 = 28 + 60 + 71 + 162 + 221 \\ 542 &:= 2^8 + 6^0 + 8^1 + 16^2 + 21^1 = 28 + 60 + 81 + 162 + 211 \\ 542 &:= 2^8 + 6^0 + 9^1 + 16^2 + 20^1 = 28 + 60 + 91 + 162 + 201 \\ 542 &:= 2^9 + 3^0 + 3^2 + 19^1 + 26^0 = 29 + 30 + 32 + 191 + 260 \\ 542 &:= 2^9 + 3^0 + 3^3 + 18^0 + 27^0 = 29 + 30 + 33 + 180 + 270 \\ 542 &:= 2^9 + 3^0 + 3^3 + 19^0 + 26^0 = 29 + 30 + 33 + 190 + 260 \\ 542 &:= 2^9 + 3^0 + 3^3 + 20^0 + 25^0 = 29 + 30 + 33 + 200 + 250 \\ 542 &:= 2^9 + 3^0 + 3^3 + 21^0 + 24^0 = 29 + 30 + 33 + 210 + 240 \\ 542 &:= 2^9 + 3^0 + 3^3 + 22^0 + 23^0 = 29 + 30 + 33 + 220 + 230 \\ 542 &:= 2^9 + 3^1 + 10^1 + 16^1 + 22^0 = 29 + 31 + 101 + 161 + 220 \\ 542 &:= 2^9 + 3^1 + 11^1 + 15^1 + 22^0 = 29 + 31 + 111 + 151 + 220 \\ 542 &:= 2^9 + 3^1 + 12^1 + 14^1 + 22^0 = 29 + 31 + 121 + 141 + 220 \\ 542 &:= 2^9 + 3^1 + 13^1 + 13^1 + 22^0 = 29 + 31 + 131 + 131 + 220 \\ 542 &:= 2^9 + 3^1 + 3^1 + 22^0 + 23^1 = 29 + 31 + 31 + 220 + 231 \\ 542 &:= 2^9 + 3^1 + 4^1 + 22^0 + 22^1 = 29 + 31 + 41 + 220 + 221 \\ 542 &:= 2^9 + 3^1 + 5^1 + 21^1 + 22^0 = 29 + 31 + 51 + 211 + 220 \\ 542 &:= 2^9 + 3^1 + 5^2 + 16^0 + 27^0 = 29 + 31 + 52 + 160 + 270 \\ 542 &:= 2^9 + 3^1 + 5^2 + 17^0 + 26^0 = 29 + 31 + 52 + 170 + 260 \\ 542 &:= 2^9 + 3^1 + 5^2 + 18^0 + 25^0 = 29 + 31 + 52 + 180 + 250 \\ 542 &:= 2^9 + 3^1 + 5^2 + 19^0 + 24^0 = 29 + 31 + 52 + 190 + 240 \\ 542 &:= 2^9 + 3^1 + 5^2 + 20^0 + 23^0 = 29 + 31 + 52 + 200 + 230 \\ 542 &:= 2^9 + 3^1 + 5^2 + 21^0 + 22^0 = 29 + 31 + 52 + 210 + 220 \\ 542 &:= 2^9 + 3^1 + 6^1 + 20^1 + 22^0 = 29 + 31 + 61 + 201 + 220 \\ 542 &:= 2^9 + 3^1 + 7^1 + 19^1 + 22^0 = 29 + 31 + 71 + 191 + 220 \\ 542 &:= 2^9 + 3^1 + 8^1 + 18^1 + 22^0 = 29 + 31 + 81 + 181 + 220 \\ 542 &:= 2^9 + 3^1 + 9^1 + 17^1 + 22^0 = 29 + 31 + 91 + 171 + 220 \\ 542 &:= 2^9 + 3^2 + 10^0 + 19^0 + 19^1 = 29 + 32 + 100 + 190 + 191 \\ 542 &:= 2^9 + 3^2 + 11^0 + 18^0 + 19^1 = 29 + 32 + 110 + 180 + 191 \\ 542 &:= 2^9 + 3^2 + 12^0 + 17^0 + 19^1 = 29 + 32 + 120 + 170 + 191 \\ 542 &:= 2^9 + 3^2 + 13^0 + 16^0 + 19^1 = 29 + 32 + 130 + 160 + 191 \\ 542 &:= 2^9 + 3^2 + 14^0 + 15^0 + 19^1 = 29 + 32 + 140 + 150 + 191 \\ 542 &:= 2^9 + 3^2 + 4^0 + 19^1 + 25^0 = 29 + 32 + 40 + 191 + 250 \\ 542 &:= 2^9 + 3^2 + 5^0 + 19^1 + 24^0 = 29 + 32 + 50 + 191 + 240 \\ 542 &:= 2^9 + 3^2 + 6^0 + 19^1 + 23^0 = 29 + 32 + 60 + 191 + 230 \end{aligned}$$

$$\begin{aligned} 542 &:= 2^9 + 3^2 + 7^0 + 19^1 + 22^0 = 29 + 32 + 70 + 191 + 220 \\ 542 &:= 2^9 + 3^2 + 8^0 + 19^1 + 21^0 = 29 + 32 + 80 + 191 + 210 \\ 542 &:= 2^9 + 3^2 + 9^0 + 19^1 + 20^0 = 29 + 32 + 90 + 191 + 200 \\ 542 &:= 2^9 + 3^3 + 10^0 + 11^0 + 27^0 = 29 + 33 + 100 + 110 + 270 \\ 542 &:= 2^9 + 3^3 + 10^0 + 12^0 + 26^0 = 29 + 33 + 100 + 120 + 260 \\ 542 &:= 2^9 + 3^3 + 10^0 + 13^0 + 25^0 = 29 + 33 + 100 + 130 + 250 \\ 542 &:= 2^9 + 3^3 + 10^0 + 14^0 + 24^0 = 29 + 33 + 100 + 140 + 240 \\ 542 &:= 2^9 + 3^3 + 10^0 + 15^0 + 23^0 = 29 + 33 + 100 + 150 + 230 \\ 542 &:= 2^9 + 3^3 + 10^0 + 16^0 + 22^0 = 29 + 33 + 100 + 160 + 220 \\ 542 &:= 2^9 + 3^3 + 10^0 + 17^0 + 21^0 = 29 + 33 + 100 + 170 + 210 \\ 542 &:= 2^9 + 3^3 + 10^0 + 18^0 + 20^0 = 29 + 33 + 100 + 180 + 200 \\ 542 &:= 2^9 + 3^3 + 10^0 + 19^0 + 19^0 = 29 + 33 + 100 + 190 + 190 \\ 542 &:= 2^9 + 3^3 + 11^0 + 11^0 + 26^0 = 29 + 33 + 110 + 110 + 260 \\ 542 &:= 2^9 + 3^3 + 11^0 + 12^0 + 25^0 = 29 + 33 + 110 + 120 + 250 \\ 542 &:= 2^9 + 3^3 + 11^0 + 13^0 + 24^0 = 29 + 33 + 110 + 130 + 240 \\ 542 &:= 2^9 + 3^3 + 11^0 + 14^0 + 23^0 = 29 + 33 + 110 + 140 + 230 \\ 542 &:= 2^9 + 3^3 + 11^0 + 15^0 + 22^0 = 29 + 33 + 110 + 150 + 220 \\ 542 &:= 2^9 + 3^3 + 11^0 + 16^0 + 21^0 = 29 + 33 + 110 + 160 + 210 \\ 542 &:= 2^9 + 3^3 + 11^0 + 17^0 + 20^0 = 29 + 33 + 110 + 170 + 200 \\ 542 &:= 2^9 + 3^3 + 11^0 + 18^0 + 19^0 = 29 + 33 + 110 + 180 + 190 \\ 542 &:= 2^9 + 3^3 + 12^0 + 12^0 + 24^0 = 29 + 33 + 120 + 120 + 240 \\ 542 &:= 2^9 + 3^3 + 12^0 + 13^0 + 23^0 = 29 + 33 + 120 + 130 + 230 \\ 542 &:= 2^9 + 3^3 + 12^0 + 14^0 + 22^0 = 29 + 33 + 120 + 140 + 220 \\ 542 &:= 2^9 + 3^3 + 12^0 + 15^0 + 21^0 = 29 + 33 + 120 + 150 + 210 \\ 542 &:= 2^9 + 3^3 + 12^0 + 16^0 + 20^0 = 29 + 33 + 120 + 160 + 200 \\ 542 &:= 2^9 + 3^3 + 12^0 + 17^0 + 19^0 = 29 + 33 + 120 + 170 + 190 \\ 542 &:= 2^9 + 3^3 + 12^0 + 18^0 + 18^0 = 29 + 33 + 120 + 180 + 180 \\ 542 &:= 2^9 + 3^3 + 13^0 + 13^0 + 22^0 = 29 + 33 + 130 + 130 + 220 \\ 542 &:= 2^9 + 3^3 + 13^0 + 14^0 + 21^0 = 29 + 33 + 130 + 140 + 210 \\ 542 &:= 2^9 + 3^3 + 13^0 + 15^0 + 20^0 = 29 + 33 + 130 + 150 + 200 \\ 542 &:= 2^9 + 3^3 + 13^0 + 16^0 + 19^0 = 29 + 33 + 130 + 160 + 190 \\ 542 &:= 2^9 + 3^3 + 13^0 + 17^0 + 18^0 = 29 + 33 + 130 + 170 + 180 \\ 542 &:= 2^9 + 3^3 + 14^0 + 14^0 + 20^0 = 29 + 33 + 140 + 140 + 200 \\ 542 &:= 2^9 + 3^3 + 14^0 + 15^0 + 19^0 = 29 + 33 + 140 + 150 + 190 \\ 542 &:= 2^9 + 3^3 + 14^0 + 16^0 + 18^0 = 29 + 33 + 140 + 160 + 180 \\ 542 &:= 2^9 + 3^3 + 14^0 + 17^0 + 17^0 = 29 + 33 + 140 + 170 + 170 \\ 542 &:= 2^9 + 3^3 + 15^0 + 15^0 + 18^0 = 29 + 33 + 150 + 150 + 180 \\ 542 &:= 2^9 + 3^3 + 15^0 + 16^0 + 17^0 = 29 + 33 + 150 + 160 + 170 \end{aligned}$$

$$\begin{aligned} 542 &:= 2^9 + 3^3 + 16^0 + 16^0 + 16^0 = 29 + 33 + 160 + 160 + 160 & 542 &:= 2^9 + 3^3 + 9^0 + 15^0 + 24^0 = 29 + 33 + 90 + 150 + 240 \\ 542 &:= 2^9 + 3^3 + 4^0 + 17^0 + 27^0 = 29 + 33 + 40 + 170 + 270 & 542 &:= 2^9 + 3^3 + 9^0 + 16^0 + 23^0 = 29 + 33 + 90 + 160 + 230 \\ 542 &:= 2^9 + 3^3 + 4^0 + 18^0 + 26^0 = 29 + 33 + 40 + 180 + 260 & 542 &:= 2^9 + 3^3 + 9^0 + 17^0 + 22^0 = 29 + 33 + 90 + 170 + 220 \\ 542 &:= 2^9 + 3^3 + 4^0 + 19^0 + 25^0 = 29 + 33 + 40 + 190 + 250 & 542 &:= 2^9 + 3^3 + 9^0 + 18^0 + 21^0 = 29 + 33 + 90 + 180 + 210 \\ 542 &:= 2^9 + 3^3 + 4^0 + 20^0 + 24^0 = 29 + 33 + 40 + 200 + 240 & 542 &:= 2^9 + 3^3 + 9^0 + 19^0 + 20^0 = 29 + 33 + 90 + 190 + 200 \\ 542 &:= 2^9 + 3^3 + 4^0 + 21^0 + 23^0 = 29 + 33 + 40 + 210 + 230 & 542 &:= 2^9 + 4^1 + 10^1 + 15^1 + 22^0 = 29 + 41 + 101 + 151 + 220 \\ 542 &:= 2^9 + 3^3 + 4^0 + 22^0 + 22^0 = 29 + 33 + 40 + 220 + 220 & 542 &:= 2^9 + 4^1 + 11^1 + 14^1 + 22^0 = 29 + 41 + 111 + 141 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 16^0 + 27^0 = 29 + 33 + 50 + 160 + 270 & 542 &:= 2^9 + 4^1 + 12^1 + 13^1 + 22^0 = 29 + 41 + 121 + 131 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 17^0 + 26^0 = 29 + 33 + 50 + 170 + 260 & 542 &:= 2^9 + 4^1 + 4^1 + 21^1 + 22^0 = 29 + 41 + 41 + 211 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 18^0 + 25^0 = 29 + 33 + 50 + 180 + 250 & 542 &:= 2^9 + 4^1 + 5^1 + 20^1 + 22^0 = 29 + 41 + 51 + 201 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 19^0 + 24^0 = 29 + 33 + 50 + 190 + 240 & 542 &:= 2^9 + 4^1 + 6^1 + 19^1 + 22^0 = 29 + 41 + 61 + 191 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 20^0 + 23^0 = 29 + 33 + 50 + 200 + 230 & 542 &:= 2^9 + 4^1 + 7^1 + 18^1 + 22^0 = 29 + 41 + 71 + 181 + 220 \\ 542 &:= 2^9 + 3^3 + 5^0 + 21^0 + 22^0 = 29 + 33 + 50 + 210 + 220 & 542 &:= 2^9 + 4^1 + 8^1 + 17^1 + 22^0 = 29 + 41 + 81 + 171 + 220 \\ 542 &:= 2^9 + 3^3 + 6^0 + 15^0 + 27^0 = 29 + 33 + 60 + 150 + 270 & 542 &:= 2^9 + 4^1 + 9^1 + 16^1 + 22^0 = 29 + 41 + 91 + 161 + 220 \\ 542 &:= 2^9 + 3^3 + 6^0 + 16^0 + 26^0 = 29 + 33 + 60 + 160 + 260 & 542 &:= 2^9 + 4^2 + 10^0 + 12^1 + 25^0 = 29 + 42 + 100 + 121 + 250 \\ 542 &:= 2^9 + 3^3 + 6^0 + 17^0 + 25^0 = 29 + 33 + 60 + 170 + 250 & 542 &:= 2^9 + 4^2 + 11^0 + 12^1 + 24^0 = 29 + 42 + 110 + 121 + 240 \\ 542 &:= 2^9 + 3^3 + 6^0 + 18^0 + 24^0 = 29 + 33 + 60 + 180 + 240 & 542 &:= 2^9 + 4^2 + 12^0 + 12^1 + 23^0 = 29 + 42 + 120 + 121 + 230 \\ 542 &:= 2^9 + 3^3 + 6^0 + 19^0 + 23^0 = 29 + 33 + 60 + 190 + 230 & 542 &:= 2^9 + 4^2 + 12^1 + 13^0 + 22^0 = 29 + 42 + 121 + 130 + 220 \\ 542 &:= 2^9 + 3^3 + 6^0 + 20^0 + 22^0 = 29 + 33 + 60 + 200 + 220 & 542 &:= 2^9 + 4^2 + 12^1 + 14^0 + 21^0 = 29 + 42 + 121 + 140 + 210 \\ 542 &:= 2^9 + 3^3 + 6^0 + 21^0 + 21^0 = 29 + 33 + 60 + 210 + 210 & 542 &:= 2^9 + 4^2 + 12^1 + 15^0 + 20^0 = 29 + 42 + 121 + 150 + 200 \\ 542 &:= 2^9 + 3^3 + 7^0 + 14^0 + 27^0 = 29 + 33 + 70 + 140 + 270 & 542 &:= 2^9 + 4^2 + 12^1 + 16^0 + 19^0 = 29 + 42 + 121 + 160 + 190 \\ 542 &:= 2^9 + 3^3 + 7^0 + 15^0 + 26^0 = 29 + 33 + 70 + 150 + 260 & 542 &:= 2^9 + 4^2 + 12^1 + 17^0 + 18^0 = 29 + 42 + 121 + 170 + 180 \\ 542 &:= 2^9 + 3^3 + 7^0 + 16^0 + 25^0 = 29 + 33 + 70 + 160 + 250 & 542 &:= 2^9 + 4^2 + 8^0 + 12^1 + 27^0 = 29 + 42 + 80 + 121 + 270 \\ 542 &:= 2^9 + 3^3 + 7^0 + 17^0 + 24^0 = 29 + 33 + 70 + 170 + 240 & 542 &:= 2^9 + 4^2 + 9^0 + 12^1 + 26^0 = 29 + 42 + 90 + 121 + 260 \\ 542 &:= 2^9 + 3^3 + 7^0 + 18^0 + 23^0 = 29 + 33 + 70 + 180 + 230 & 542 &:= 2^9 + 5^1 + 10^1 + 14^1 + 22^0 = 29 + 51 + 101 + 141 + 220 \\ 542 &:= 2^9 + 3^3 + 7^0 + 19^0 + 22^0 = 29 + 33 + 70 + 190 + 220 & 542 &:= 2^9 + 5^1 + 11^1 + 13^1 + 22^0 = 29 + 51 + 111 + 131 + 220 \\ 542 &:= 2^9 + 3^3 + 7^0 + 20^0 + 21^0 = 29 + 33 + 70 + 200 + 210 & 542 &:= 2^9 + 5^1 + 12^1 + 12^1 + 22^0 = 29 + 51 + 121 + 121 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 13^0 + 27^0 = 29 + 33 + 80 + 130 + 270 & 542 &:= 2^9 + 5^1 + 5^1 + 19^1 + 22^0 = 29 + 51 + 51 + 191 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 14^0 + 26^0 = 29 + 33 + 80 + 140 + 260 & 542 &:= 2^9 + 5^1 + 6^1 + 18^1 + 22^0 = 29 + 51 + 61 + 181 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 15^0 + 25^0 = 29 + 33 + 80 + 150 + 250 & 542 &:= 2^9 + 5^1 + 7^1 + 17^1 + 22^0 = 29 + 51 + 71 + 171 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 16^0 + 24^0 = 29 + 33 + 80 + 160 + 240 & 542 &:= 2^9 + 5^1 + 8^1 + 16^1 + 22^0 = 29 + 51 + 81 + 161 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 17^0 + 23^0 = 29 + 33 + 80 + 170 + 230 & 542 &:= 2^9 + 5^1 + 9^1 + 15^1 + 22^0 = 29 + 51 + 91 + 151 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 18^0 + 22^0 = 29 + 33 + 80 + 180 + 220 & 542 &:= 2^9 + 6^1 + 10^1 + 13^1 + 22^0 = 29 + 61 + 101 + 131 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 19^0 + 21^0 = 29 + 33 + 80 + 190 + 210 & 542 &:= 2^9 + 6^1 + 11^1 + 12^1 + 22^0 = 29 + 61 + 111 + 121 + 220 \\ 542 &:= 2^9 + 3^3 + 8^0 + 20^0 + 20^0 = 29 + 33 + 80 + 200 + 200 & 542 &:= 2^9 + 6^1 + 6^1 + 17^1 + 22^0 = 29 + 61 + 61 + 171 + 220 \\ 542 &:= 2^9 + 3^3 + 9^0 + 12^0 + 27^0 = 29 + 33 + 90 + 120 + 270 & 542 &:= 2^9 + 6^1 + 7^1 + 16^1 + 22^0 = 29 + 61 + 71 + 161 + 220 \\ 542 &:= 2^9 + 3^3 + 9^0 + 13^0 + 26^0 = 29 + 33 + 90 + 130 + 260 & 542 &:= 2^9 + 6^1 + 8^1 + 15^1 + 22^0 = 29 + 61 + 81 + 151 + 220 \\ 542 &:= 2^9 + 3^3 + 9^0 + 14^0 + 25^0 = 29 + 33 + 90 + 140 + 250 & 542 &:= 2^9 + 6^1 + 9^1 + 14^1 + 22^0 = 29 + 61 + 91 + 141 + 220 \end{aligned}$$

$$\begin{aligned}
 542 &:= 2^9 + 7^1 + 10^1 + 12^1 + 22^0 = 29 + 71 + 101 + 121 + 220 \\
 542 &:= 2^9 + 7^1 + 11^1 + 11^1 + 22^0 = 29 + 71 + 111 + 111 + 220 \\
 542 &:= 2^9 + 7^1 + 7^1 + 15^1 + 22^0 = 29 + 71 + 71 + 151 + 220 \\
 542 &:= 2^9 + 7^1 + 8^1 + 14^1 + 22^0 = 29 + 71 + 81 + 141 + 220 \\
 542 &:= 2^9 + 7^1 + 9^1 + 13^1 + 22^0 = 29 + 71 + 91 + 131 + 220 \\
 542 &:= 2^9 + 8^1 + 10^1 + 11^1 + 22^0 = 29 + 81 + 101 + 111 + 220 \\
 542 &:= 2^9 + 8^1 + 8^1 + 13^1 + 22^0 = 29 + 81 + 81 + 131 + 220 \\
 542 &:= 2^9 + 8^1 + 9^1 + 12^1 + 22^0 = 29 + 81 + 91 + 121 + 220 \\
 542 &:= 2^9 + 9^1 + 10^1 + 10^1 + 22^0 = 29 + 91 + 101 + 101 + 220 \\
 542 &:= 2^9 + 9^1 + 9^1 + 11^1 + 22^0 = 29 + 91 + 91 + 111 + 220 \\
 542 &:= 3^4 + 3^5 + 12^0 + 14^2 + 21^1 = 34 + 35 + 120 + 142 + 211
 \end{aligned}$$

$$\begin{aligned}
 542 &:= 3^4 + 3^5 + 6^3 + 14^0 + 27^0 = 34 + 35 + 63 + 140 + 270 \\
 542 &:= 3^4 + 3^5 + 6^3 + 15^0 + 26^0 = 34 + 35 + 63 + 150 + 260 \\
 542 &:= 3^4 + 3^5 + 6^3 + 16^0 + 25^0 = 34 + 35 + 63 + 160 + 250 \\
 542 &:= 3^4 + 3^5 + 6^3 + 17^0 + 24^0 = 34 + 35 + 63 + 170 + 240 \\
 542 &:= 3^4 + 3^5 + 6^3 + 18^0 + 23^0 = 34 + 35 + 63 + 180 + 230 \\
 542 &:= 3^4 + 3^5 + 6^3 + 19^0 + 22^0 = 34 + 35 + 63 + 190 + 220 \\
 542 &:= 3^4 + 3^5 + 6^3 + 20^0 + 21^0 = 34 + 35 + 63 + 200 + 210 \\
 542 &:= 3^5 + 4^2 + 4^4 + 16^0 + 26^1 = 35 + 42 + 44 + 160 + 261 \\
 542 &:= 3^5 + 4^3 + 6^3 + 18^1 + 22^0 = 35 + 43 + 63 + 181 + 220 \\
 542 &:= 3^5 + 4^4 + 5^2 + 17^1 + 24^0 = 35 + 44 + 52 + 171 + 240
 \end{aligned}$$

2.2.444 Number 543

$$\begin{aligned}
 543 &:= 13^1 + 18^0 + 23^2 = 131 + 180 + 232 \\
 543 &:= 1^0 + 12^1 + 18^0 + 23^2 = 10 + 121 + 180 + 232 \\
 543 &:= 1^3 + 2^9 + 21^0 + 29^1 = 13 + 29 + 210 + 291 \\
 543 &:= 1^8 + 11^2 + 20^2 + 21^1 = 18 + 112 + 202 + 211 \\
 543 &:= 1^9 + 10^2 + 21^0 + 21^2 = 19 + 102 + 210 + 212 \\
 543 &:= 1^9 + 8^3 + 15^0 + 29^1 = 19 + 83 + 150 + 291 \\
 543 &:= 2^0 + 12^1 + 17^0 + 23^2 = 20 + 121 + 170 + 232 \\
 543 &:= 2^3 + 2^9 + 22^1 + 27^0 = 23 + 29 + 221 + 270 \\
 543 &:= 2^8 + 4^4 + 17^0 + 30^1 = 28 + 44 + 170 + 301 \\
 543 &:= 2^9 + 3^1 + 3^3 + 45^0 = 29 + 31 + 33 + 450 \\
 543 &:= 3^0 + 12^1 + 16^0 + 23^2 = 30 + 121 + 160 + 232 \\
 543 &:= 4^0 + 12^1 + 15^0 + 23^2 = 40 + 121 + 150 + 232 \\
 543 &:= 5^0 + 12^1 + 14^0 + 23^2 = 50 + 121 + 140 + 232 \\
 543 &:= 6^0 + 12^1 + 13^0 + 23^2 = 60 + 121 + 130 + 232 \\
 543 &:= 7^0 + 12^0 + 12^1 + 23^2 = 70 + 120 + 121 + 232 \\
 543 &:= 8^0 + 11^0 + 12^1 + 23^2 = 80 + 110 + 121 + 232 \\
 543 &:= 9^0 + 10^0 + 12^1 + 23^2 = 90 + 100 + 121 + 232 \\
 543 &:= 1^0 + 1^0 + 11^1 + 18^0 + 23^2 = 10 + 10 + 111 + 180 + 232 \\
 543 &:= 1^0 + 1^8 + 11^2 + 20^1 + 20^2 = 10 + 18 + 112 + 201 + 202 \\
 543 &:= 1^0 + 1^8 + 6^3 + 18^2 + 27^0 = 10 + 18 + 63 + 182 + 270 \\
 543 &:= 1^0 + 2^0 + 11^1 + 17^0 + 23^2 = 10 + 20 + 111 + 170 + 232 \\
 543 &:= 1^0 + 2^3 + 2^9 + 21^1 + 27^0 = 10 + 23 + 29 + 211 + 270 \\
 543 &:= 1^0 + 3^0 + 11^1 + 16^0 + 23^2 = 10 + 30 + 111 + 160 + 232 \\
 543 &:= 1^0 + 4^0 + 11^1 + 15^0 + 23^2 = 10 + 40 + 111 + 150 + 232
 \end{aligned}$$

$$\begin{aligned}
 543 &:= 1^0 + 5^0 + 11^1 + 14^0 + 23^2 = 10 + 50 + 111 + 140 + 232 \\
 543 &:= 1^0 + 6^0 + 11^1 + 13^0 + 23^2 = 10 + 60 + 111 + 130 + 232 \\
 543 &:= 1^0 + 7^0 + 11^1 + 12^0 + 23^2 = 10 + 70 + 111 + 120 + 232 \\
 543 &:= 1^0 + 8^0 + 11^0 + 11^1 + 23^2 = 10 + 80 + 110 + 111 + 232 \\
 543 &:= 1^0 + 9^0 + 10^0 + 11^1 + 23^2 = 10 + 90 + 100 + 111 + 232 \\
 543 &:= 1^1 + 1^7 + 11^2 + 20^1 + 20^2 = 11 + 17 + 112 + 201 + 202 \\
 543 &:= 1^1 + 1^7 + 6^3 + 18^2 + 27^0 = 11 + 17 + 63 + 182 + 270 \\
 543 &:= 1^1 + 1^9 + 11^1 + 17^0 + 23^2 = 11 + 19 + 111 + 170 + 232 \\
 543 &:= 1^1 + 2^2 + 2^9 + 23^0 + 25^1 = 11 + 22 + 29 + 230 + 251 \\
 543 &:= 1^1 + 2^7 + 14^2 + 14^2 + 22^1 = 11 + 27 + 142 + 142 + 221 \\
 543 &:= 1^1 + 2^9 + 3^2 + 20^1 + 27^0 = 11 + 29 + 32 + 201 + 270 \\
 543 &:= 1^2 + 1^6 + 11^2 + 20^1 + 20^2 = 12 + 16 + 112 + 201 + 202 \\
 543 &:= 1^2 + 1^6 + 6^3 + 18^2 + 27^0 = 12 + 16 + 63 + 182 + 270 \\
 543 &:= 1^2 + 1^8 + 11^1 + 17^0 + 23^2 = 12 + 18 + 111 + 170 + 232 \\
 543 &:= 1^2 + 2^1 + 2^9 + 21^0 + 27^1 = 12 + 21 + 29 + 210 + 271 \\
 543 &:= 1^2 + 2^4 + 2^4 + 22^2 + 26^1 = 12 + 24 + 24 + 222 + 261 \\
 543 &:= 1^2 + 2^6 + 13^2 + 17^2 + 20^1 = 12 + 26 + 132 + 172 + 201 \\
 543 &:= 1^2 + 2^9 + 10^1 + 19^1 + 21^0 = 12 + 29 + 101 + 191 + 210 \\
 543 &:= 1^2 + 2^9 + 11^1 + 18^1 + 21^0 = 12 + 29 + 111 + 181 + 210 \\
 543 &:= 1^2 + 2^9 + 12^1 + 17^1 + 21^0 = 12 + 29 + 121 + 171 + 210 \\
 543 &:= 1^2 + 2^9 + 13^1 + 16^1 + 21^0 = 12 + 29 + 131 + 161 + 210 \\
 543 &:= 1^2 + 2^9 + 14^1 + 15^1 + 21^0 = 12 + 29 + 141 + 151 + 210 \\
 543 &:= 1^2 + 2^9 + 3^1 + 21^0 + 26^1 = 12 + 29 + 31 + 210 + 261 \\
 543 &:= 1^2 + 2^9 + 4^1 + 21^0 + 25^1 = 12 + 29 + 41 + 210 + 251
 \end{aligned}$$

$$\begin{aligned} 543 &:= 1^2 + 2^9 + 5^1 + 21^0 + 24^1 = 12 + 29 + 51 + 210 + 241 & 543 &:= 1^7 + 4^2 + 8^3 + 13^1 + 27^0 = 17 + 42 + 83 + 131 + 270 \\ 543 &:= 1^2 + 2^9 + 6^1 + 21^0 + 23^1 = 12 + 29 + 61 + 210 + 231 & 543 &:= 1^7 + 5^1 + 11^2 + 16^1 + 20^2 = 17 + 51 + 112 + 161 + 202 \\ 543 &:= 1^2 + 2^9 + 7^1 + 21^0 + 22^1 = 12 + 29 + 71 + 210 + 221 & 543 &:= 1^7 + 5^3 + 11^0 + 16^1 + 20^2 = 17 + 53 + 110 + 161 + 202 \\ 543 &:= 1^2 + 2^9 + 8^1 + 21^0 + 21^1 = 12 + 29 + 81 + 210 + 211 & 543 &:= 1^7 + 6^1 + 11^2 + 15^1 + 20^2 = 17 + 61 + 112 + 151 + 202 \\ 543 &:= 1^2 + 2^9 + 9^1 + 20^1 + 21^0 = 12 + 29 + 91 + 201 + 210 & 543 &:= 1^7 + 6^2 + 12^2 + 15^0 + 19^2 = 17 + 62 + 122 + 150 + 192 \\ 543 &:= 1^3 + 1^5 + 11^2 + 20^1 + 20^2 = 13 + 15 + 112 + 201 + 202 & 543 &:= 1^7 + 6^2 + 8^2 + 17^0 + 21^2 = 17 + 62 + 82 + 170 + 212 \\ 543 &:= 1^3 + 1^5 + 6^3 + 18^2 + 27^0 = 13 + 15 + 63 + 182 + 270 & 543 &:= 1^7 + 7^1 + 11^2 + 14^1 + 20^2 = 17 + 71 + 112 + 141 + 202 \\ 543 &:= 1^3 + 1^7 + 11^1 + 17^0 + 23^2 = 13 + 17 + 111 + 170 + 232 & 543 &:= 1^7 + 8^1 + 11^2 + 13^1 + 20^2 = 17 + 81 + 112 + 131 + 202 \\ 543 &:= 1^3 + 2^6 + 6^2 + 21^2 + 23^0 = 13 + 26 + 62 + 212 + 230 & 543 &:= 1^7 + 9^1 + 11^2 + 12^1 + 20^2 = 17 + 91 + 112 + 121 + 202 \\ 543 &:= 1^3 + 2^7 + 13^1 + 17^0 + 20^2 = 13 + 27 + 131 + 170 + 202 & 543 &:= 1^8 + 2^0 + 6^3 + 18^2 + 26^0 = 18 + 20 + 63 + 182 + 260 \\ 543 &:= 1^4 + 1^4 + 11^2 + 20^1 + 20^2 = 14 + 14 + 112 + 201 + 202 & 543 &:= 1^8 + 2^1 + 8^3 + 15^0 + 27^1 = 18 + 21 + 83 + 150 + 271 \\ 543 &:= 1^4 + 1^4 + 6^3 + 18^2 + 27^0 = 14 + 14 + 63 + 182 + 270 & 543 &:= 1^8 + 2^2 + 8^1 + 19^0 + 23^2 = 18 + 22 + 81 + 190 + 232 \\ 543 &:= 1^4 + 1^6 + 11^1 + 17^0 + 23^2 = 14 + 16 + 111 + 170 + 232 & 543 &:= 1^8 + 3^0 + 6^2 + 21^1 + 22^2 = 18 + 30 + 62 + 211 + 222 \\ 543 &:= 1^4 + 2^4 + 5^3 + 20^2 + 25^0 = 14 + 24 + 53 + 202 + 250 & 543 &:= 1^8 + 3^0 + 6^3 + 18^2 + 25^0 = 18 + 30 + 63 + 182 + 250 \\ 543 &:= 1^4 + 2^4 + 8^2 + 21^1 + 21^2 = 14 + 24 + 82 + 211 + 212 & 543 &:= 1^8 + 3^0 + 9^2 + 19^1 + 21^2 = 18 + 30 + 92 + 191 + 212 \\ 543 &:= 1^4 + 2^5 + 5^2 + 22^2 + 23^0 = 14 + 25 + 52 + 222 + 230 & 543 &:= 1^8 + 3^1 + 3^2 + 23^0 + 23^2 = 18 + 31 + 32 + 230 + 232 \\ 543 &:= 1^4 + 4^4 + 8^2 + 14^2 + 26^1 = 14 + 44 + 82 + 142 + 261 & 543 &:= 1^8 + 3^1 + 8^3 + 15^0 + 26^1 = 18 + 31 + 83 + 150 + 261 \\ 543 &:= 1^5 + 1^5 + 11^1 + 17^0 + 23^2 = 15 + 15 + 111 + 170 + 232 & 543 &:= 1^8 + 4^0 + 6^3 + 18^2 + 24^0 = 18 + 40 + 63 + 182 + 240 \\ 543 &:= 1^5 + 2^5 + 3^0 + 22^2 + 25^1 = 15 + 25 + 30 + 222 + 251 & 543 &:= 1^8 + 4^1 + 8^3 + 15^0 + 25^1 = 18 + 41 + 83 + 150 + 251 \\ 543 &:= 1^5 + 3^5 + 9^1 + 17^2 + 23^0 = 15 + 35 + 91 + 172 + 230 & 543 &:= 1^8 + 5^0 + 6^3 + 18^2 + 23^0 = 18 + 50 + 63 + 182 + 230 \\ 543 &:= 1^6 + 2^2 + 14^2 + 18^1 + 18^2 = 16 + 22 + 142 + 181 + 182 & 543 &:= 1^8 + 5^1 + 8^3 + 15^0 + 24^1 = 18 + 51 + 83 + 150 + 241 \\ 543 &:= 1^6 + 2^2 + 2^3 + 23^2 + 25^0 = 16 + 22 + 23 + 232 + 250 & 543 &:= 1^8 + 6^0 + 6^3 + 18^2 + 22^0 = 18 + 60 + 63 + 182 + 220 \\ 543 &:= 1^6 + 2^3 + 7^2 + 21^0 + 22^2 = 16 + 23 + 72 + 210 + 222 & 543 &:= 1^8 + 6^1 + 8^3 + 15^0 + 23^1 = 18 + 61 + 83 + 150 + 231 \\ 543 &:= 1^6 + 2^3 + 8^3 + 21^0 + 21^1 = 16 + 23 + 83 + 210 + 211 & 543 &:= 1^8 + 6^3 + 10^0 + 18^0 + 18^2 = 18 + 63 + 100 + 180 + 182 \\ 543 &:= 1^6 + 3^3 + 15^2 + 17^0 + 17^2 = 16 + 33 + 152 + 170 + 172 & 543 &:= 1^8 + 6^3 + 11^0 + 17^0 + 18^2 = 18 + 63 + 110 + 170 + 182 \\ 543 &:= 1^6 + 3^4 + 9^0 + 19^1 + 21^2 = 16 + 34 + 90 + 191 + 212 & 543 &:= 1^8 + 6^3 + 12^0 + 16^0 + 18^2 = 18 + 63 + 120 + 160 + 182 \\ 543 &:= 1^6 + 4^2 + 5^3 + 20^2 + 23^0 = 16 + 42 + 53 + 202 + 230 & 543 &:= 1^8 + 6^3 + 13^0 + 15^0 + 18^2 = 18 + 63 + 130 + 150 + 182 \\ 543 &:= 1^6 + 4^3 + 6^2 + 21^0 + 21^2 = 16 + 43 + 62 + 210 + 212 & 543 &:= 1^8 + 6^3 + 14^0 + 14^0 + 18^2 = 18 + 63 + 140 + 140 + 182 \\ 543 &:= 1^6 + 5^2 + 10^2 + 17^1 + 20^2 = 16 + 52 + 102 + 171 + 202 & 543 &:= 1^8 + 6^3 + 7^0 + 18^2 + 21^0 = 18 + 63 + 70 + 182 + 210 \\ 543 &:= 1^6 + 6^2 + 6^3 + 17^2 + 23^0 = 16 + 62 + 63 + 172 + 230 & 543 &:= 1^8 + 6^3 + 8^0 + 18^2 + 20^0 = 18 + 63 + 80 + 182 + 200 \\ 543 &:= 1^6 + 6^3 + 10^2 + 15^2 + 21^0 = 16 + 63 + 102 + 152 + 210 & 543 &:= 1^8 + 6^3 + 9^0 + 18^2 + 19^0 = 18 + 63 + 90 + 182 + 190 \\ 543 &:= 1^7 + 10^1 + 11^1 + 11^2 + 20^2 = 17 + 101 + 111 + 112 + 202 & 543 &:= 1^8 + 7^1 + 8^3 + 15^0 + 22^1 = 18 + 71 + 83 + 150 + 221 \\ 543 &:= 1^7 + 2^1 + 11^2 + 19^1 + 20^2 = 17 + 21 + 112 + 191 + 202 & 543 &:= 1^8 + 7^2 + 8^1 + 15^0 + 22^2 = 18 + 72 + 81 + 150 + 222 \\ 543 &:= 1^7 + 2^2 + 8^3 + 17^0 + 25^1 = 17 + 22 + 83 + 170 + 251 & 543 &:= 1^8 + 8^1 + 8^3 + 15^0 + 21^1 = 18 + 81 + 83 + 150 + 211 \\ 543 &:= 1^7 + 2^3 + 4^1 + 23^0 + 23^2 = 17 + 23 + 41 + 230 + 232 & 543 &:= 1^8 + 8^3 + 10^1 + 15^0 + 19^1 = 18 + 83 + 101 + 150 + 191 \\ 543 &:= 1^7 + 3^1 + 11^2 + 18^1 + 20^2 = 17 + 31 + 112 + 181 + 202 & 543 &:= 1^8 + 8^3 + 11^1 + 15^0 + 18^1 = 18 + 83 + 111 + 150 + 181 \\ 543 &:= 1^7 + 3^2 + 8^3 + 20^1 + 21^0 = 17 + 32 + 83 + 201 + 210 & 543 &:= 1^8 + 8^3 + 12^1 + 15^0 + 17^1 = 18 + 83 + 121 + 150 + 171 \\ 543 &:= 1^7 + 4^1 + 11^2 + 17^1 + 20^2 = 17 + 41 + 112 + 171 + 202 & 543 &:= 1^8 + 8^3 + 13^1 + 15^0 + 16^1 = 18 + 83 + 131 + 150 + 161 \end{aligned}$$

$$\begin{aligned}
 543 &:= 1^8 + 8^3 + 14^1 + 15^0 + 15^1 = 18 + 83 + 141 + 150 + 151 & 543 &:= 2^2 + 2^9 + 5^2 + 18^0 + 26^0 = 22 + 29 + 52 + 180 + 260 \\
 543 &:= 1^8 + 8^3 + 9^1 + 15^0 + 20^1 = 18 + 83 + 91 + 150 + 201 & 543 &:= 2^2 + 2^9 + 5^2 + 19^0 + 25^0 = 22 + 29 + 52 + 190 + 250 \\
 543 &:= 1^8 + 9^0 + 11^1 + 13^2 + 19^2 = 18 + 90 + 111 + 132 + 192 & 543 &:= 2^2 + 2^9 + 5^2 + 20^0 + 24^0 = 22 + 29 + 52 + 200 + 240 \\
 543 &:= 1^9 + 1^9 + 6^3 + 18^2 + 26^0 = 19 + 19 + 63 + 182 + 260 & 543 &:= 2^2 + 2^9 + 5^2 + 21^0 + 23^0 = 22 + 29 + 52 + 210 + 230 \\
 543 &:= 1^9 + 2^1 + 10^1 + 17^0 + 23^2 = 19 + 21 + 101 + 170 + 232 & 543 &:= 2^2 + 2^9 + 5^2 + 22^0 + 22^0 = 22 + 29 + 52 + 220 + 220 \\
 543 &:= 1^9 + 3^1 + 9^1 + 17^0 + 23^2 = 19 + 31 + 91 + 170 + 232 & 543 &:= 2^2 + 2^9 + 6^1 + 20^1 + 23^0 = 22 + 29 + 61 + 201 + 230 \\
 543 &:= 1^9 + 4^1 + 8^1 + 17^0 + 23^2 = 19 + 41 + 81 + 170 + 232 & 543 &:= 2^2 + 2^9 + 7^1 + 19^1 + 23^0 = 22 + 29 + 71 + 191 + 230 \\
 543 &:= 1^9 + 5^1 + 7^1 + 17^0 + 23^2 = 19 + 51 + 71 + 170 + 232 & 543 &:= 2^2 + 2^9 + 8^1 + 18^1 + 23^0 = 22 + 29 + 81 + 181 + 230 \\
 543 &:= 1^9 + 6^1 + 6^1 + 17^0 + 23^2 = 19 + 61 + 61 + 170 + 232 & 543 &:= 2^2 + 2^9 + 9^1 + 17^1 + 23^0 = 22 + 29 + 91 + 171 + 230 \\
 543 &:= 2^0 + 2^0 + 11^1 + 16^0 + 23^2 = 20 + 20 + 111 + 160 + 232 & 543 &:= 2^3 + 2^5 + 14^2 + 17^2 + 18^1 = 23 + 25 + 142 + 172 + 181 \\
 543 &:= 2^0 + 2^3 + 2^9 + 21^1 + 26^0 = 20 + 23 + 29 + 211 + 260 & 543 &:= 2^3 + 2^7 + 6^1 + 20^2 + 23^0 = 23 + 27 + 61 + 202 + 230 \\
 543 &:= 2^0 + 3^0 + 11^1 + 15^0 + 23^2 = 20 + 30 + 111 + 150 + 232 & 543 &:= 2^3 + 2^9 + 10^0 + 18^0 + 21^1 = 23 + 29 + 100 + 180 + 211 \\
 543 &:= 2^0 + 4^0 + 11^1 + 14^0 + 23^2 = 20 + 40 + 111 + 140 + 232 & 543 &:= 2^3 + 2^9 + 11^0 + 17^0 + 21^1 = 23 + 29 + 110 + 170 + 211 \\
 543 &:= 2^0 + 5^0 + 11^1 + 13^0 + 23^2 = 20 + 50 + 111 + 130 + 232 & 543 &:= 2^3 + 2^9 + 12^0 + 16^0 + 21^1 = 23 + 29 + 120 + 160 + 211 \\
 543 &:= 2^0 + 6^0 + 11^1 + 12^0 + 23^2 = 20 + 60 + 111 + 120 + 232 & 543 &:= 2^3 + 2^9 + 13^0 + 15^0 + 21^1 = 23 + 29 + 130 + 150 + 211 \\
 543 &:= 2^0 + 7^0 + 11^0 + 11^1 + 23^2 = 20 + 70 + 110 + 111 + 232 & 543 &:= 2^3 + 2^9 + 14^0 + 14^0 + 21^1 = 23 + 29 + 140 + 140 + 211 \\
 543 &:= 2^0 + 8^0 + 10^0 + 11^1 + 23^2 = 20 + 80 + 100 + 111 + 232 & 543 &:= 2^3 + 2^9 + 3^0 + 21^1 + 25^0 = 23 + 29 + 30 + 211 + 250 \\
 543 &:= 2^0 + 9^0 + 9^0 + 11^1 + 23^2 = 20 + 90 + 90 + 111 + 232 & 543 &:= 2^3 + 2^9 + 4^0 + 21^1 + 24^0 = 23 + 29 + 40 + 211 + 240 \\
 543 &:= 2^1 + 2^2 + 2^9 + 23^0 + 24^1 = 21 + 22 + 29 + 230 + 241 & 543 &:= 2^3 + 2^9 + 5^0 + 21^1 + 23^0 = 23 + 29 + 50 + 211 + 230 \\
 543 &:= 2^1 + 2^7 + 14^2 + 14^2 + 21^1 = 21 + 27 + 142 + 142 + 211 & 543 &:= 2^3 + 2^9 + 6^0 + 21^1 + 22^0 = 23 + 29 + 60 + 211 + 220 \\
 543 &:= 2^1 + 2^9 + 3^2 + 19^1 + 27^0 = 21 + 29 + 32 + 191 + 270 & 543 &:= 2^3 + 2^9 + 7^0 + 21^0 + 21^1 = 23 + 29 + 70 + 210 + 211 \\
 543 &:= 2^1 + 2^9 + 3^3 + 19^0 + 27^0 = 21 + 29 + 33 + 190 + 270 & 543 &:= 2^3 + 2^9 + 8^0 + 20^0 + 21^1 = 23 + 29 + 80 + 200 + 211 \\
 543 &:= 2^1 + 2^9 + 3^3 + 20^0 + 26^0 = 21 + 29 + 33 + 200 + 260 & 543 &:= 2^3 + 2^9 + 9^0 + 19^0 + 21^1 = 23 + 29 + 90 + 190 + 211 \\
 543 &:= 2^1 + 2^9 + 3^3 + 21^0 + 25^0 = 21 + 29 + 33 + 210 + 250 & 543 &:= 2^4 + 2^4 + 13^2 + 18^1 + 18^2 = 24 + 24 + 132 + 181 + 182 \\
 543 &:= 2^1 + 2^9 + 3^3 + 22^0 + 24^0 = 21 + 29 + 33 + 220 + 240 & 543 &:= 2^4 + 2^4 + 7^2 + 21^1 + 21^2 = 24 + 24 + 72 + 211 + 212 \\
 543 &:= 2^1 + 2^9 + 3^3 + 23^0 + 23^0 = 21 + 29 + 33 + 230 + 230 & 543 &:= 2^4 + 2^6 + 7^0 + 21^1 + 21^2 = 24 + 26 + 70 + 211 + 212 \\
 543 &:= 2^2 + 2^6 + 3^2 + 21^2 + 25^1 = 22 + 26 + 32 + 212 + 251 & 543 &:= 2^4 + 3^4 + 8^2 + 19^2 + 21^1 = 24 + 34 + 82 + 192 + 211 \\
 543 &:= 2^2 + 2^7 + 11^2 + 17^2 + 21^0 = 22 + 27 + 112 + 172 + 210 & 543 &:= 2^4 + 4^4 + 7^2 + 14^2 + 26^1 = 24 + 44 + 72 + 142 + 261 \\
 543 &:= 2^2 + 2^7 + 7^2 + 19^2 + 23^0 = 22 + 27 + 72 + 192 + 230 & 543 &:= 2^5 + 3^3 + 8^2 + 20^1 + 20^2 = 25 + 33 + 82 + 201 + 202 \\
 543 &:= 2^2 + 2^8 + 7^0 + 16^2 + 26^1 = 22 + 28 + 70 + 162 + 261 & 543 &:= 2^5 + 3^5 + 11^1 + 16^2 + 21^0 = 25 + 35 + 111 + 162 + 210 \\
 543 &:= 2^2 + 2^9 + 10^1 + 16^1 + 23^0 = 22 + 29 + 101 + 161 + 230 & 543 &:= 2^5 + 4^3 + 5^2 + 20^2 + 22^1 = 25 + 43 + 52 + 202 + 221 \\
 543 &:= 2^2 + 2^9 + 11^1 + 15^1 + 23^0 = 22 + 29 + 111 + 151 + 230 & 543 &:= 2^5 + 5^3 + 6^3 + 13^2 + 27^0 = 25 + 53 + 63 + 132 + 270 \\
 543 &:= 2^2 + 2^9 + 12^1 + 14^1 + 23^0 = 22 + 29 + 121 + 141 + 230 & 543 &:= 2^6 + 10^2 + 13^2 + 14^1 + 14^2 = 26 + 102 + 132 + 141 + 142 \\
 543 &:= 2^2 + 2^9 + 13^1 + 13^1 + 23^0 = 22 + 29 + 131 + 131 + 230 & 543 &:= 2^6 + 3^2 + 14^2 + 16^2 + 18^1 = 26 + 32 + 142 + 162 + 181 \\
 543 &:= 2^2 + 2^9 + 3^1 + 23^0 + 23^1 = 22 + 29 + 31 + 230 + 231 & 543 &:= 2^6 + 3^2 + 7^2 + 20^2 + 21^1 = 26 + 32 + 72 + 202 + 211 \\
 543 &:= 2^2 + 2^9 + 4^1 + 22^1 + 23^0 = 22 + 29 + 41 + 221 + 230 & 543 &:= 2^6 + 4^2 + 11^2 + 18^1 + 18^2 = 26 + 42 + 112 + 181 + 182 \\
 543 &:= 2^2 + 2^9 + 5^1 + 21^1 + 23^0 = 22 + 29 + 51 + 211 + 230 & 543 &:= 2^6 + 4^4 + 7^0 + 14^2 + 26^1 = 26 + 44 + 70 + 142 + 261 \\
 543 &:= 2^2 + 2^9 + 5^2 + 17^0 + 27^0 = 22 + 29 + 52 + 170 + 270 & 543 &:= 2^6 + 5^3 + 8^2 + 17^2 + 21^0 = 26 + 53 + 82 + 172 + 210
 \end{aligned}$$

$543 := 2^6 + 6^2 + 8^2 + 18^1 + 19^2 = 26 + 62 + 82 + 181 + 192$	$543 := 2^9 + 3^2 + 10^1 + 11^1 + 27^0 = 29 + 32 + 101 + 111 + 270$
$543 := 2^6 + 8^2 + 12^2 + 15^1 + 16^2 = 26 + 82 + 122 + 151 + 162$	$543 := 2^9 + 3^2 + 4^1 + 17^1 + 27^0 = 29 + 32 + 41 + 171 + 270$
$543 := 2^7 + 10^1 + 13^1 + 14^2 + 14^2 = 27 + 101 + 131 + 142 + 142$	$543 := 2^9 + 3^2 + 5^1 + 16^1 + 27^0 = 29 + 32 + 51 + 161 + 270$
$543 := 2^7 + 11^1 + 12^1 + 14^2 + 14^2 = 27 + 111 + 121 + 142 + 142$	$543 := 2^9 + 3^2 + 6^1 + 15^1 + 27^0 = 29 + 32 + 61 + 151 + 270$
$543 := 2^7 + 3^0 + 3^3 + 19^2 + 26^1 = 27 + 30 + 33 + 192 + 261$	$543 := 2^9 + 3^2 + 7^1 + 14^1 + 27^0 = 29 + 32 + 71 + 141 + 270$
$543 := 2^7 + 3^0 + 4^3 + 18^2 + 26^1 = 27 + 30 + 43 + 182 + 261$	$543 := 2^9 + 3^2 + 8^1 + 13^1 + 27^0 = 29 + 32 + 81 + 131 + 270$
$543 := 2^7 + 3^1 + 14^2 + 14^2 + 20^1 = 27 + 31 + 142 + 142 + 201$	$543 := 2^9 + 3^2 + 9^1 + 12^1 + 27^0 = 29 + 32 + 91 + 121 + 270$
$543 := 2^7 + 3^2 + 9^2 + 18^2 + 21^0 = 27 + 32 + 92 + 182 + 210$	$543 := 3^0 + 3^0 + 11^1 + 14^0 + 23^2 = 30 + 30 + 111 + 140 + 232$
$543 := 2^7 + 4^1 + 14^2 + 14^2 + 19^1 = 27 + 41 + 142 + 142 + 191$	$543 := 3^0 + 4^0 + 11^1 + 13^0 + 23^2 = 30 + 40 + 111 + 130 + 232$
$543 := 2^7 + 5^1 + 14^2 + 14^2 + 18^1 = 27 + 51 + 142 + 142 + 181$	$543 := 3^0 + 5^0 + 11^1 + 12^0 + 23^2 = 30 + 50 + 111 + 120 + 232$
$543 := 2^7 + 5^2 + 10^2 + 17^2 + 19^0 = 27 + 52 + 102 + 172 + 190$	$543 := 3^0 + 6^0 + 11^0 + 11^1 + 23^2 = 30 + 60 + 110 + 111 + 232$
$543 := 2^7 + 6^1 + 14^2 + 14^2 + 17^1 = 27 + 61 + 142 + 142 + 171$	$543 := 3^0 + 7^0 + 10^0 + 11^1 + 23^2 = 30 + 70 + 100 + 111 + 232$
$543 := 2^7 + 7^1 + 14^2 + 14^2 + 16^1 = 27 + 71 + 142 + 142 + 161$	$543 := 3^0 + 8^0 + 9^0 + 11^1 + 23^2 = 30 + 80 + 90 + 111 + 232$
$543 := 2^7 + 7^2 + 13^2 + 14^2 + 17^0 = 27 + 72 + 132 + 142 + 170$	$543 := 3^3 + 3^5 + 4^4 + 16^1 + 27^0 = 33 + 35 + 44 + 161 + 270$
$543 := 2^7 + 7^2 + 7^3 + 15^0 + 22^1 = 27 + 72 + 73 + 150 + 221$	$543 := 3^4 + 3^5 + 7^2 + 13^2 + 27^0 = 34 + 35 + 72 + 132 + 270$
$543 := 2^7 + 8^1 + 14^2 + 14^2 + 15^1 = 27 + 81 + 142 + 142 + 151$	$543 := 3^5 + 3^5 + 6^2 + 20^1 + 21^0 = 35 + 35 + 62 + 201 + 210$
$543 := 2^7 + 9^1 + 14^1 + 14^2 + 14^2 = 27 + 91 + 141 + 142 + 142$	$543 := 4^0 + 4^0 + 11^1 + 12^0 + 23^2 = 40 + 40 + 111 + 120 + 232$
$543 := 2^8 + 10^2 + 11^0 + 13^2 + 17^1 = 28 + 102 + 110 + 132 + 171$	$543 := 4^0 + 5^0 + 11^0 + 11^1 + 23^2 = 40 + 50 + 110 + 111 + 232$
$543 := 2^8 + 3^0 + 8^2 + 14^2 + 26^1 = 28 + 30 + 82 + 142 + 261$	$543 := 4^0 + 6^0 + 10^0 + 11^1 + 23^2 = 40 + 60 + 100 + 111 + 232$
$543 := 2^8 + 3^2 + 11^0 + 16^2 + 21^1 = 28 + 32 + 110 + 162 + 211$	$543 := 4^0 + 7^0 + 9^0 + 11^1 + 23^2 = 40 + 70 + 90 + 111 + 232$
$543 := 2^8 + 4^2 + 14^1 + 16^2 + 17^0 = 28 + 42 + 141 + 162 + 170$	$543 := 4^0 + 8^0 + 8^0 + 11^1 + 23^2 = 40 + 80 + 80 + 111 + 232$
$543 := 2^8 + 5^0 + 6^2 + 15^2 + 25^1 = 28 + 50 + 62 + 152 + 251$	$543 := 5^0 + 5^0 + 10^0 + 11^1 + 23^2 = 50 + 50 + 100 + 111 + 232$
$543 := 2^8 + 5^1 + 5^2 + 16^2 + 25^0 = 28 + 51 + 52 + 162 + 250$	$543 := 5^0 + 6^0 + 9^0 + 11^1 + 23^2 = 50 + 60 + 90 + 111 + 232$
$543 := 2^8 + 7^0 + 11^2 + 12^2 + 21^1 = 28 + 70 + 112 + 122 + 211$	$543 := 5^0 + 7^0 + 8^0 + 11^1 + 23^2 = 50 + 70 + 80 + 111 + 232$
$543 := 2^8 + 7^2 + 12^1 + 15^2 + 17^0 = 28 + 72 + 121 + 152 + 170$	$543 := 6^0 + 6^0 + 8^0 + 11^1 + 23^2 = 60 + 60 + 80 + 111 + 232$
$543 := 2^8 + 9^1 + 9^2 + 14^2 + 19^0 = 28 + 91 + 92 + 142 + 190$	$543 := 6^0 + 7^0 + 7^0 + 11^1 + 23^2 = 60 + 70 + 70 + 111 + 232$
$543 := 2^9 + 3^1 + 3^2 + 18^1 + 27^0 = 29 + 31 + 32 + 181 + 270$	

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$544 := 8^3 + 15^0 + 31^1 = 83 + 150 + 311$	$544 := 2^8 + 3^5 + 4^0 + 44^1 = 28 + 35 + 40 + 441$
$544 := 1^0 + 8^3 + 15^0 + 30^1 = 10 + 83 + 150 + 301$	$544 := 3^0 + 8^3 + 13^0 + 30^1 = 30 + 83 + 130 + 301$
$544 := 1^1 + 13^1 + 17^0 + 23^2 = 11 + 131 + 170 + 232$	$544 := 3^1 + 11^1 + 17^0 + 23^2 = 31 + 111 + 170 + 232$
$544 := 1^4 + 2^9 + 20^0 + 30^1 = 14 + 29 + 200 + 301$	$544 := 4^0 + 8^3 + 12^0 + 30^1 = 40 + 83 + 120 + 301$
$544 := 2^0 + 8^3 + 14^0 + 30^1 = 20 + 83 + 140 + 301$	$544 := 4^1 + 10^1 + 17^0 + 23^2 = 41 + 101 + 170 + 232$
$544 := 2^1 + 12^1 + 17^0 + 23^2 = 21 + 121 + 170 + 232$	$544 := 5^0 + 8^3 + 11^0 + 30^1 = 50 + 83 + 110 + 301$
$544 := 2^2 + 2^9 + 3^3 + 46^0 = 22 + 29 + 33 + 460$	$544 := 5^1 + 9^1 + 17^0 + 23^2 = 51 + 91 + 170 + 232$
$544 := 2^4 + 2^9 + 15^1 + 34^0 = 24 + 29 + 151 + 340$	$544 := 6^0 + 8^3 + 10^0 + 30^1 = 60 + 83 + 100 + 301$

$$\begin{aligned}
 544 &:= 6^1 + 8^1 + 17^0 + 23^2 = 61 + 81 + 170 + 232 & 544 &:= 1^3 + 2^9 + 11^1 + 19^1 + 20^0 = 13 + 29 + 111 + 191 + 200 \\
 544 &:= 7^0 + 8^3 + 9^0 + 30^1 = 70 + 83 + 90 + 301 & 544 &:= 1^3 + 2^9 + 12^1 + 18^1 + 20^0 = 13 + 29 + 121 + 181 + 200 \\
 544 &:= 7^1 + 7^1 + 17^0 + 23^2 = 71 + 71 + 170 + 232 & 544 &:= 1^3 + 2^9 + 13^1 + 17^1 + 20^0 = 13 + 29 + 131 + 171 + 200 \\
 544 &:= 8^0 + 8^0 + 8^3 + 30^1 = 80 + 80 + 83 + 301 & 544 &:= 1^3 + 2^9 + 14^1 + 16^1 + 20^0 = 13 + 29 + 141 + 161 + 200 \\
 544 &:= 1^0 + 1^0 + 10^2 + 21^0 + 21^2 = 10 + 10 + 102 + 210 + 212 & 544 &:= 1^3 + 2^9 + 15^1 + 15^1 + 20^0 = 13 + 29 + 151 + 151 + 200 \\
 544 &:= 1^0 + 1^1 + 12^1 + 17^0 + 23^2 = 10 + 11 + 121 + 170 + 232 & 544 &:= 1^3 + 2^9 + 3^1 + 20^0 + 27^1 = 13 + 29 + 31 + 200 + 271 \\
 544 &:= 1^0 + 10^0 + 10^2 + 12^0 + 21^2 = 10 + 100 + 102 + 120 + 212 & 544 &:= 1^3 + 2^9 + 4^1 + 20^0 + 26^1 = 13 + 29 + 41 + 200 + 261 \\
 544 &:= 1^0 + 10^2 + 11^0 + 11^0 + 21^2 = 10 + 102 + 110 + 110 + 212 & 544 &:= 1^3 + 2^9 + 5^1 + 20^0 + 25^1 = 13 + 29 + 51 + 200 + 251 \\
 544 &:= 1^0 + 2^0 + 10^2 + 20^0 + 21^2 = 10 + 20 + 102 + 200 + 212 & 544 &:= 1^3 + 2^9 + 6^1 + 20^0 + 24^1 = 13 + 29 + 61 + 200 + 241 \\
 544 &:= 1^0 + 2^1 + 11^1 + 17^0 + 23^2 = 10 + 21 + 111 + 170 + 232 & 544 &:= 1^3 + 2^9 + 7^1 + 20^0 + 23^1 = 13 + 29 + 71 + 200 + 231 \\
 544 &:= 1^0 + 3^0 + 10^2 + 19^0 + 21^2 = 10 + 30 + 102 + 190 + 212 & 544 &:= 1^3 + 2^9 + 8^1 + 20^0 + 22^1 = 13 + 29 + 81 + 200 + 221 \\
 544 &:= 1^0 + 3^1 + 10^1 + 17^0 + 23^2 = 10 + 31 + 101 + 170 + 232 & 544 &:= 1^3 + 2^9 + 9^1 + 20^0 + 21^1 = 13 + 29 + 91 + 200 + 211 \\
 544 &:= 1^0 + 4^0 + 10^2 + 18^0 + 21^2 = 10 + 40 + 102 + 180 + 212 & 544 &:= 1^4 + 1^6 + 10^2 + 20^0 + 21^2 = 14 + 16 + 102 + 200 + 212 \\
 544 &:= 1^0 + 4^1 + 9^1 + 17^0 + 23^2 = 10 + 41 + 91 + 170 + 232 & 544 &:= 1^4 + 1^7 + 12^1 + 16^0 + 23^2 = 14 + 17 + 121 + 160 + 232 \\
 544 &:= 1^0 + 5^0 + 10^2 + 17^0 + 21^2 = 10 + 50 + 102 + 170 + 212 & 544 &:= 1^4 + 2^7 + 14^1 + 16^0 + 20^2 = 14 + 27 + 141 + 160 + 202 \\
 544 &:= 1^0 + 5^1 + 8^1 + 17^0 + 23^2 = 10 + 51 + 81 + 170 + 232 & 544 &:= 1^5 + 1^5 + 10^2 + 20^0 + 21^2 = 15 + 15 + 102 + 200 + 212 \\
 544 &:= 1^0 + 6^0 + 10^2 + 16^0 + 21^2 = 10 + 60 + 102 + 160 + 212 & 544 &:= 1^5 + 1^6 + 12^1 + 16^0 + 23^2 = 15 + 16 + 121 + 160 + 232 \\
 544 &:= 1^0 + 6^1 + 7^1 + 17^0 + 23^2 = 10 + 61 + 71 + 170 + 232 & 544 &:= 1^6 + 2^0 + 2^5 + 22^2 + 26^1 = 16 + 20 + 25 + 222 + 261 \\
 544 &:= 1^0 + 7^0 + 10^2 + 15^0 + 21^2 = 10 + 70 + 102 + 150 + 212 & 544 &:= 1^6 + 3^4 + 10^2 + 19^2 + 20^0 = 16 + 34 + 102 + 192 + 200 \\
 544 &:= 1^0 + 8^0 + 10^2 + 14^0 + 21^2 = 10 + 80 + 102 + 140 + 212 & 544 &:= 1^6 + 3^5 + 10^1 + 17^2 + 22^0 = 16 + 35 + 101 + 172 + 220 \\
 544 &:= 1^0 + 9^0 + 10^2 + 13^0 + 21^2 = 10 + 90 + 102 + 130 + 212 & 544 &:= 1^7 + 1^9 + 2^5 + 22^2 + 26^1 = 17 + 19 + 25 + 222 + 261 \\
 544 &:= 1^1 + 1^9 + 10^2 + 20^0 + 21^2 = 11 + 19 + 102 + 200 + 212 & 544 &:= 1^7 + 2^3 + 8^3 + 20^0 + 22^1 = 17 + 23 + 83 + 200 + 221 \\
 544 &:= 1^1 + 2^0 + 12^1 + 16^0 + 23^2 = 11 + 20 + 121 + 160 + 232 & 544 &:= 1^7 + 3^4 + 8^0 + 20^1 + 21^2 = 17 + 34 + 80 + 201 + 212 \\
 544 &:= 1^1 + 2^3 + 2^9 + 22^1 + 26^0 = 11 + 23 + 29 + 221 + 260 & 544 &:= 1^8 + 1^8 + 2^5 + 22^2 + 26^1 = 18 + 18 + 25 + 222 + 261 \\
 544 &:= 1^1 + 3^0 + 12^1 + 15^0 + 23^2 = 11 + 30 + 121 + 150 + 232 & 544 &:= 1^8 + 11^2 + 12^0 + 14^2 + 15^2 = 18 + 112 + 120 + 142 + 152 \\
 544 &:= 1^1 + 4^0 + 12^1 + 14^0 + 23^2 = 11 + 40 + 121 + 140 + 232 & 544 &:= 1^8 + 2^1 + 6^3 + 18^2 + 26^0 = 18 + 21 + 63 + 182 + 260 \\
 544 &:= 1^1 + 5^0 + 12^1 + 13^0 + 23^2 = 11 + 50 + 121 + 130 + 232 & 544 &:= 1^8 + 2^2 + 3^2 + 23^2 + 24^0 = 18 + 22 + 32 + 232 + 240 \\
 544 &:= 1^1 + 6^0 + 12^0 + 12^1 + 23^2 = 11 + 60 + 120 + 121 + 232 & 544 &:= 1^8 + 2^2 + 8^3 + 16^0 + 26^1 = 18 + 22 + 83 + 160 + 261 \\
 544 &:= 1^1 + 7^0 + 11^0 + 12^1 + 23^2 = 11 + 70 + 110 + 121 + 232 & 544 &:= 1^8 + 2^3 + 5^1 + 22^0 + 23^2 = 18 + 23 + 51 + 220 + 232 \\
 544 &:= 1^1 + 8^0 + 10^0 + 12^1 + 23^2 = 11 + 80 + 100 + 121 + 232 & 544 &:= 1^8 + 3^2 + 7^2 + 20^0 + 22^2 = 18 + 32 + 72 + 200 + 222 \\
 544 &:= 1^1 + 9^0 + 9^0 + 12^1 + 23^2 = 11 + 90 + 90 + 121 + 232 & 544 &:= 1^8 + 3^2 + 8^3 + 20^0 + 21^1 = 18 + 32 + 83 + 200 + 211 \\
 544 &:= 1^2 + 1^8 + 10^2 + 20^0 + 21^2 = 12 + 18 + 102 + 200 + 212 & 544 &:= 1^8 + 4^2 + 8^3 + 14^1 + 26^0 = 18 + 42 + 83 + 141 + 260 \\
 544 &:= 1^2 + 1^9 + 12^1 + 16^0 + 23^2 = 12 + 19 + 121 + 160 + 232 & 544 &:= 1^8 + 5^3 + 10^0 + 17^1 + 20^2 = 18 + 53 + 100 + 171 + 202 \\
 544 &:= 1^2 + 2^2 + 2^9 + 22^0 + 26^1 = 12 + 22 + 29 + 220 + 261 & 544 &:= 1^8 + 7^2 + 13^2 + 14^0 + 18^2 = 18 + 72 + 132 + 140 + 182 \\
 544 &:= 1^2 + 2^9 + 3^2 + 21^1 + 26^0 = 12 + 29 + 32 + 211 + 260 & 544 &:= 1^8 + 9^2 + 10^2 + 14^0 + 19^2 = 18 + 92 + 102 + 140 + 192 \\
 544 &:= 1^3 + 1^7 + 10^2 + 20^0 + 21^2 = 13 + 17 + 102 + 200 + 212 & 544 &:= 1^9 + 2^0 + 6^2 + 22^1 + 22^2 = 19 + 20 + 62 + 221 + 222 \\
 544 &:= 1^3 + 1^8 + 12^1 + 16^0 + 23^2 = 13 + 18 + 121 + 160 + 232 & 544 &:= 1^9 + 2^0 + 9^2 + 20^1 + 21^2 = 19 + 20 + 92 + 201 + 212 \\
 544 &:= 1^3 + 2^9 + 10^1 + 20^0 + 20^1 = 13 + 29 + 101 + 200 + 201 & 544 &:= 1^9 + 2^2 + 9^1 + 18^0 + 23^2 = 19 + 22 + 91 + 180 + 232
 \end{aligned}$$

$$\begin{aligned}
 544 &:= 1^9 + 3^1 + 8^3 + 14^0 + 27^1 = 19 + 31 + 83 + 140 + 271 & 544 &:= 2^2 + 2^2 + 2^9 + 23^1 + 24^0 = 22 + 22 + 29 + 231 + 240 \\
 544 &:= 1^9 + 3^2 + 4^1 + 22^0 + 23^2 = 19 + 32 + 41 + 220 + 232 & 544 &:= 2^3 + 2^8 + 10^0 + 16^2 + 23^1 = 23 + 28 + 100 + 162 + 231 \\
 544 &:= 1^9 + 4^1 + 8^3 + 14^0 + 26^1 = 19 + 41 + 83 + 140 + 261 & 544 &:= 2^3 + 2^9 + 10^1 + 13^1 + 26^0 = 23 + 29 + 101 + 131 + 260 \\
 544 &:= 1^9 + 5^1 + 8^3 + 14^0 + 25^1 = 19 + 51 + 83 + 140 + 251 & 544 &:= 2^3 + 2^9 + 11^1 + 12^1 + 26^0 = 23 + 29 + 111 + 121 + 260 \\
 544 &:= 1^9 + 6^1 + 8^3 + 14^0 + 24^1 = 19 + 61 + 83 + 140 + 241 & 544 &:= 2^3 + 2^9 + 3^1 + 20^1 + 26^0 = 23 + 29 + 31 + 201 + 260 \\
 544 &:= 1^9 + 7^1 + 8^3 + 14^0 + 23^1 = 19 + 71 + 83 + 140 + 231 & 544 &:= 2^3 + 2^9 + 4^1 + 19^1 + 26^0 = 23 + 29 + 41 + 191 + 260 \\
 544 &:= 1^9 + 7^2 + 9^1 + 14^0 + 22^2 = 19 + 72 + 91 + 140 + 222 & 544 &:= 2^3 + 2^9 + 5^1 + 18^1 + 26^0 = 23 + 29 + 51 + 181 + 260 \\
 544 &:= 1^9 + 8^0 + 12^1 + 13^2 + 19^2 = 19 + 80 + 121 + 132 + 192 & 544 &:= 2^3 + 2^9 + 6^1 + 17^1 + 26^0 = 23 + 29 + 61 + 171 + 260 \\
 544 &:= 1^9 + 8^1 + 8^3 + 14^0 + 22^1 = 19 + 81 + 83 + 140 + 221 & 544 &:= 2^3 + 2^9 + 7^1 + 16^1 + 26^0 = 23 + 29 + 71 + 161 + 260 \\
 544 &:= 1^9 + 8^3 + 10^1 + 14^0 + 20^1 = 19 + 83 + 101 + 140 + 201 & 544 &:= 2^3 + 2^9 + 8^1 + 15^1 + 26^0 = 23 + 29 + 81 + 151 + 260 \\
 544 &:= 1^9 + 8^3 + 11^1 + 14^0 + 19^1 = 19 + 83 + 111 + 140 + 191 & 544 &:= 2^3 + 2^9 + 9^1 + 14^1 + 26^0 = 23 + 29 + 91 + 141 + 260 \\
 544 &:= 1^9 + 8^3 + 12^1 + 14^0 + 18^1 = 19 + 83 + 121 + 140 + 181 & 544 &:= 2^4 + 2^9 + 10^0 + 14^1 + 25^0 = 24 + 29 + 100 + 141 + 250 \\
 544 &:= 1^9 + 8^3 + 13^1 + 14^0 + 17^1 = 19 + 83 + 131 + 140 + 171 & 544 &:= 2^4 + 2^9 + 11^0 + 14^1 + 24^0 = 24 + 29 + 110 + 141 + 240 \\
 544 &:= 1^9 + 8^3 + 14^0 + 14^1 + 16^1 = 19 + 83 + 140 + 141 + 161 & 544 &:= 2^4 + 2^9 + 12^0 + 14^1 + 23^0 = 24 + 29 + 120 + 141 + 230 \\
 544 &:= 1^9 + 8^3 + 14^0 + 15^1 + 15^1 = 19 + 83 + 140 + 151 + 151 & 544 &:= 2^4 + 2^9 + 13^0 + 14^1 + 22^0 = 24 + 29 + 130 + 141 + 220 \\
 544 &:= 1^9 + 8^3 + 9^1 + 14^0 + 21^1 = 19 + 83 + 91 + 140 + 211 & 544 &:= 2^4 + 2^9 + 14^0 + 14^1 + 21^0 = 24 + 29 + 140 + 141 + 210 \\
 544 &:= 2^0 + 10^0 + 10^2 + 11^0 + 21^2 = 20 + 100 + 102 + 110 + 212 & 544 &:= 2^4 + 2^9 + 14^1 + 15^0 + 20^0 = 24 + 29 + 141 + 150 + 200 \\
 544 &:= 2^0 + 2^0 + 10^2 + 19^0 + 21^2 = 20 + 20 + 102 + 190 + 212 & 544 &:= 2^4 + 2^9 + 14^1 + 16^0 + 19^0 = 24 + 29 + 141 + 160 + 190 \\
 544 &:= 2^0 + 2^1 + 11^1 + 16^0 + 23^2 = 20 + 21 + 111 + 160 + 232 & 544 &:= 2^4 + 2^9 + 14^1 + 17^0 + 18^0 = 24 + 29 + 141 + 170 + 180 \\
 544 &:= 2^0 + 3^0 + 10^2 + 18^0 + 21^2 = 20 + 30 + 102 + 180 + 212 & 544 &:= 2^4 + 2^9 + 8^0 + 14^1 + 27^0 = 24 + 29 + 80 + 141 + 270 \\
 544 &:= 2^0 + 3^1 + 10^1 + 16^0 + 23^2 = 20 + 31 + 101 + 160 + 232 & 544 &:= 2^4 + 2^9 + 9^0 + 14^1 + 26^0 = 24 + 29 + 90 + 141 + 260 \\
 544 &:= 2^0 + 4^0 + 10^2 + 17^0 + 21^2 = 20 + 40 + 102 + 170 + 212 & 544 &:= 2^5 + 2^6 + 6^1 + 21^2 + 22^0 = 25 + 26 + 61 + 212 + 220 \\
 544 &:= 2^0 + 4^1 + 9^1 + 16^0 + 23^2 = 20 + 41 + 91 + 160 + 232 & 544 &:= 2^6 + 3^5 + 11^1 + 15^2 + 22^0 = 26 + 35 + 111 + 152 + 220 \\
 544 &:= 2^0 + 5^0 + 10^2 + 16^0 + 21^2 = 20 + 50 + 102 + 160 + 212 & 544 &:= 2^7 + 3^3 + 8^2 + 18^2 + 22^0 = 27 + 33 + 82 + 182 + 220 \\
 544 &:= 2^0 + 5^1 + 8^1 + 16^0 + 23^2 = 20 + 51 + 81 + 160 + 232 & 544 &:= 2^7 + 3^4 + 10^1 + 18^2 + 20^0 = 27 + 34 + 101 + 182 + 200 \\
 544 &:= 2^0 + 6^0 + 10^2 + 15^0 + 21^2 = 20 + 60 + 102 + 150 + 212 & 544 &:= 2^7 + 4^4 + 12^2 + 15^1 + 20^0 = 27 + 44 + 122 + 151 + 200 \\
 544 &:= 2^0 + 6^1 + 7^1 + 16^0 + 23^2 = 20 + 61 + 71 + 160 + 232 & 544 &:= 2^7 + 5^3 + 11^2 + 13^2 + 22^0 = 27 + 53 + 112 + 132 + 220 \\
 544 &:= 2^0 + 7^0 + 10^2 + 14^0 + 21^2 = 20 + 70 + 102 + 140 + 212 & 544 &:= 2^8 + 4^1 + 4^4 + 16^0 + 27^1 = 28 + 41 + 44 + 160 + 271 \\
 544 &:= 2^0 + 8^0 + 10^2 + 13^0 + 21^2 = 20 + 80 + 102 + 130 + 212 & 544 &:= 2^8 + 4^3 + 6^0 + 14^2 + 27^1 = 28 + 43 + 60 + 142 + 271 \\
 544 &:= 2^0 + 9^0 + 10^2 + 12^0 + 21^2 = 20 + 90 + 102 + 120 + 212 & 544 &:= 2^8 + 4^4 + 10^1 + 16^0 + 21^1 = 28 + 44 + 101 + 160 + 211 \\
 544 &:= 2^1 + 2^3 + 2^9 + 21^1 + 26^0 = 21 + 23 + 29 + 211 + 260 & 544 &:= 2^8 + 4^4 + 11^1 + 16^0 + 20^1 = 28 + 44 + 111 + 160 + 201 \\
 544 &:= 2^1 + 3^0 + 11^1 + 15^0 + 23^2 = 21 + 30 + 111 + 150 + 232 & 544 &:= 2^8 + 4^4 + 12^1 + 16^0 + 19^1 = 28 + 44 + 121 + 160 + 191 \\
 544 &:= 2^1 + 4^0 + 11^1 + 14^0 + 23^2 = 21 + 40 + 111 + 140 + 232 & 544 &:= 2^8 + 4^4 + 13^1 + 16^0 + 18^1 = 28 + 44 + 131 + 160 + 181 \\
 544 &:= 2^1 + 5^0 + 11^1 + 13^0 + 23^2 = 21 + 50 + 111 + 130 + 232 & 544 &:= 2^8 + 4^4 + 14^1 + 16^0 + 17^1 = 28 + 44 + 141 + 160 + 171 \\
 544 &:= 2^1 + 6^0 + 11^1 + 12^0 + 23^2 = 21 + 60 + 111 + 120 + 232 & 544 &:= 2^8 + 4^4 + 15^1 + 16^0 + 16^1 = 28 + 44 + 151 + 160 + 161 \\
 544 &:= 2^1 + 7^0 + 11^0 + 11^1 + 23^2 = 21 + 70 + 110 + 111 + 232 & 544 &:= 2^8 + 4^4 + 5^1 + 16^0 + 26^1 = 28 + 44 + 51 + 160 + 261 \\
 544 &:= 2^1 + 8^0 + 10^0 + 11^1 + 23^2 = 21 + 80 + 100 + 111 + 232 & 544 &:= 2^8 + 4^4 + 6^1 + 16^0 + 25^1 = 28 + 44 + 61 + 160 + 251 \\
 544 &:= 2^1 + 9^0 + 9^0 + 11^1 + 23^2 = 21 + 90 + 90 + 111 + 232 & 544 &:= 2^8 + 4^4 + 7^1 + 16^0 + 24^1 = 28 + 44 + 71 + 160 + 241
 \end{aligned}$$

$$\begin{aligned}
 544 &:= 2^8 + 4^4 + 8^1 + 16^0 + 23^1 = 28 + 44 + 81 + 160 + 231 \\
 544 &:= 2^8 + 4^4 + 9^1 + 16^0 + 22^1 = 28 + 44 + 91 + 160 + 221 \\
 544 &:= 2^8 + 5^3 + 12^2 + 16^0 + 18^1 = 28 + 53 + 122 + 160 + 181 \\
 544 &:= 2^8 + 6^3 + 7^2 + 16^0 + 22^1 = 28 + 63 + 72 + 160 + 221 \\
 544 &:= 3^0 + 10^0 + 10^0 + 10^2 + 21^2 = 30 + 100 + 100 + 102 + 212 \\
 544 &:= 3^0 + 3^0 + 10^2 + 17^0 + 21^2 = 30 + 30 + 102 + 170 + 212 \\
 544 &:= 3^0 + 3^1 + 10^1 + 15^0 + 23^2 = 30 + 31 + 101 + 150 + 232 \\
 544 &:= 3^0 + 4^0 + 10^2 + 16^0 + 21^2 = 30 + 40 + 102 + 160 + 212 \\
 544 &:= 3^0 + 4^1 + 9^1 + 15^0 + 23^2 = 30 + 41 + 91 + 150 + 232 \\
 544 &:= 3^0 + 5^0 + 10^2 + 15^0 + 21^2 = 30 + 50 + 102 + 150 + 212 \\
 544 &:= 3^0 + 5^1 + 8^1 + 15^0 + 23^2 = 30 + 51 + 81 + 150 + 232 \\
 544 &:= 3^0 + 6^0 + 10^2 + 14^0 + 21^2 = 30 + 60 + 102 + 140 + 212 \\
 544 &:= 3^0 + 6^1 + 7^1 + 15^0 + 23^2 = 30 + 61 + 71 + 150 + 232 \\
 544 &:= 3^0 + 7^0 + 10^2 + 13^0 + 21^2 = 30 + 70 + 102 + 130 + 212 \\
 544 &:= 3^0 + 8^0 + 10^2 + 12^0 + 21^2 = 30 + 80 + 102 + 120 + 212 \\
 544 &:= 3^0 + 9^0 + 10^2 + 11^0 + 21^2 = 30 + 90 + 102 + 110 + 212 \\
 544 &:= 3^1 + 4^0 + 10^1 + 14^0 + 23^2 = 31 + 40 + 101 + 140 + 232 \\
 544 &:= 3^1 + 5^0 + 10^1 + 13^0 + 23^2 = 31 + 50 + 101 + 130 + 232 \\
 544 &:= 3^1 + 6^0 + 10^1 + 12^0 + 23^2 = 31 + 60 + 101 + 120 + 232 \\
 544 &:= 3^1 + 7^0 + 10^1 + 11^0 + 23^2 = 31 + 70 + 101 + 110 + 232 \\
 544 &:= 3^1 + 8^0 + 10^0 + 10^1 + 23^2 = 31 + 80 + 100 + 101 + 232 \\
 544 &:= 3^1 + 9^0 + 9^0 + 10^1 + 23^2 = 31 + 90 + 90 + 101 + 232 \\
 544 &:= 4^0 + 4^0 + 10^2 + 15^0 + 21^2 = 40 + 40 + 102 + 150 + 212 \\
 544 &:= 4^0 + 4^1 + 9^1 + 14^0 + 23^2 = 40 + 41 + 91 + 140 + 232 \\
 544 &:= 4^0 + 5^0 + 10^2 + 14^0 + 21^2 = 40 + 50 + 102 + 140 + 212 \\
 544 &:= 4^0 + 5^1 + 8^1 + 14^0 + 23^2 = 40 + 51 + 81 + 140 + 232 \\
 544 &:= 4^0 + 6^0 + 10^2 + 13^0 + 21^2 = 40 + 60 + 102 + 130 + 212 \\
 544 &:= 4^0 + 6^1 + 7^1 + 14^0 + 23^2 = 40 + 61 + 71 + 140 + 232 \\
 544 &:= 4^0 + 7^0 + 10^2 + 12^0 + 21^2 = 40 + 70 + 102 + 120 + 212
 \end{aligned}$$

$$\begin{aligned}
 544 &:= 4^0 + 8^0 + 10^2 + 11^0 + 21^2 = 40 + 80 + 102 + 110 + 212 \\
 544 &:= 4^0 + 9^0 + 10^0 + 10^2 + 21^2 = 40 + 90 + 100 + 102 + 212 \\
 544 &:= 4^1 + 5^0 + 9^1 + 13^0 + 23^2 = 41 + 50 + 91 + 130 + 232 \\
 544 &:= 4^1 + 6^0 + 9^1 + 12^0 + 23^2 = 41 + 60 + 91 + 120 + 232 \\
 544 &:= 4^1 + 7^0 + 9^1 + 11^0 + 23^2 = 41 + 70 + 91 + 110 + 232 \\
 544 &:= 4^1 + 8^0 + 9^1 + 10^0 + 23^2 = 41 + 80 + 91 + 100 + 232 \\
 544 &:= 4^1 + 9^0 + 9^0 + 9^1 + 23^2 = 41 + 90 + 90 + 91 + 232 \\
 544 &:= 5^0 + 5^0 + 10^2 + 13^0 + 21^2 = 50 + 50 + 102 + 130 + 212 \\
 544 &:= 5^0 + 5^1 + 8^1 + 13^0 + 23^2 = 50 + 51 + 81 + 130 + 232 \\
 544 &:= 5^0 + 6^0 + 10^2 + 12^0 + 21^2 = 50 + 60 + 102 + 120 + 212 \\
 544 &:= 5^0 + 6^1 + 7^1 + 13^0 + 23^2 = 50 + 61 + 71 + 130 + 232 \\
 544 &:= 5^0 + 7^0 + 10^2 + 11^0 + 21^2 = 50 + 70 + 102 + 110 + 212 \\
 544 &:= 5^0 + 8^0 + 10^0 + 10^2 + 21^2 = 50 + 80 + 100 + 102 + 212 \\
 544 &:= 5^0 + 9^0 + 9^0 + 10^2 + 21^2 = 50 + 90 + 90 + 102 + 212 \\
 544 &:= 5^1 + 6^0 + 8^1 + 12^0 + 23^2 = 51 + 60 + 81 + 120 + 232 \\
 544 &:= 5^1 + 7^0 + 8^1 + 11^0 + 23^2 = 51 + 70 + 81 + 110 + 232 \\
 544 &:= 5^1 + 8^0 + 8^1 + 10^0 + 23^2 = 51 + 80 + 81 + 100 + 232 \\
 544 &:= 5^1 + 8^1 + 9^0 + 9^0 + 23^2 = 51 + 81 + 90 + 90 + 232 \\
 544 &:= 6^0 + 6^0 + 10^2 + 11^0 + 21^2 = 60 + 60 + 102 + 110 + 212 \\
 544 &:= 6^0 + 6^1 + 7^1 + 12^0 + 23^2 = 60 + 61 + 71 + 120 + 232 \\
 544 &:= 6^0 + 7^0 + 10^0 + 10^2 + 21^2 = 60 + 70 + 100 + 102 + 212 \\
 544 &:= 6^0 + 8^0 + 9^0 + 10^2 + 21^2 = 60 + 80 + 90 + 102 + 212 \\
 544 &:= 6^1 + 7^0 + 7^1 + 11^0 + 23^2 = 61 + 70 + 71 + 110 + 232 \\
 544 &:= 6^1 + 7^1 + 8^0 + 10^0 + 23^2 = 61 + 71 + 80 + 100 + 232 \\
 544 &:= 6^1 + 7^1 + 9^0 + 9^0 + 23^2 = 61 + 71 + 90 + 90 + 232 \\
 544 &:= 7^0 + 7^0 + 9^0 + 10^2 + 21^2 = 70 + 70 + 90 + 102 + 212 \\
 544 &:= 7^0 + 8^0 + 8^0 + 10^2 + 21^2 = 70 + 80 + 80 + 102 + 212
 \end{aligned}$$

2.2.446 Number 545

$$\begin{aligned}
 545 &:= 1^1 + 8^3 + 14^0 + 31^1 = 11 + 83 + 140 + 311 \\
 545 &:= 1^2 + 14^1 + 16^0 + 23^2 = 12 + 141 + 160 + 232 \\
 545 &:= 1^5 + 2^9 + 19^0 + 31^1 = 15 + 29 + 190 + 311 \\
 545 &:= 1^5 + 3^5 + 4^4 + 45^1 = 15 + 35 + 44 + 451 \\
 545 &:= 1^7 + 2^5 + 22^2 + 28^1 = 17 + 25 + 222 + 281 \\
 545 &:= 1^8 + 4^4 + 16^2 + 32^1 = 18 + 44 + 162 + 321 \\
 545 &:= 1^9 + 7^3 + 13^2 + 32^1 = 19 + 73 + 132 + 321
 \end{aligned}$$

$$\begin{aligned}
 545 &:= 2^0 + 6^2 + 22^2 + 24^1 = 20 + 62 + 222 + 241 \\
 545 &:= 2^0 + 9^2 + 21^2 + 22^1 = 20 + 92 + 212 + 221 \\
 545 &:= 2^1 + 8^3 + 14^0 + 30^1 = 21 + 83 + 140 + 301 \\
 545 &:= 2^2 + 11^1 + 18^0 + 23^2 = 22 + 111 + 180 + 232 \\
 545 &:= 2^4 + 2^9 + 4^2 + 45^0 = 24 + 29 + 42 + 450 \\
 545 &:= 2^5 + 2^8 + 16^2 + 33^0 = 25 + 28 + 162 + 330 \\
 545 &:= 3^1 + 10^2 + 20^0 + 21^2 = 31 + 102 + 200 + 212
 \end{aligned}$$

$545 := 3^1 + 8^3 + 14^0 + 29^1$	$= 31 + 83 + 140 + 291$	$545 := 1^1 + 1^1 + 13^1 + 16^0 + 23^2$	$= 11 + 11 + 131 + 160 + 232$
$545 := 3^2 + 6^1 + 22^0 + 23^2$	$= 32 + 61 + 220 + 232$	$545 := 1^1 + 1^6 + 2^5 + 22^2 + 27^1$	$= 11 + 16 + 25 + 222 + 271$
$545 := 4^1 + 8^3 + 14^0 + 28^1$	$= 41 + 83 + 140 + 281$	$545 := 1^1 + 1^9 + 6^2 + 22^2 + 23^1$	$= 11 + 19 + 62 + 222 + 231$
$545 := 5^1 + 8^3 + 14^0 + 27^1$	$= 51 + 83 + 140 + 271$	$545 := 1^1 + 1^9 + 9^2 + 21^1 + 21^2$	$= 11 + 19 + 92 + 211 + 212$
$545 := 6^1 + 8^3 + 14^0 + 26^1$	$= 61 + 83 + 140 + 261$	$545 := 1^1 + 2^1 + 12^1 + 16^0 + 23^2$	$= 11 + 21 + 121 + 160 + 232$
$545 := 7^1 + 8^3 + 14^0 + 25^1$	$= 71 + 83 + 140 + 251$	$545 := 1^1 + 3^1 + 11^1 + 16^0 + 23^2$	$= 11 + 31 + 111 + 160 + 232$
$545 := 7^2 + 11^1 + 14^0 + 22^2$	$= 72 + 111 + 140 + 222$	$545 := 1^1 + 4^1 + 10^1 + 16^0 + 23^2$	$= 11 + 41 + 101 + 160 + 232$
$545 := 8^0 + 13^2 + 14^1 + 19^2$	$= 80 + 132 + 141 + 192$	$545 := 1^1 + 5^1 + 9^1 + 16^0 + 23^2$	$= 11 + 51 + 91 + 160 + 232$
$545 := 8^1 + 8^3 + 14^0 + 24^1$	$= 81 + 83 + 140 + 241$	$545 := 1^1 + 6^1 + 8^1 + 16^0 + 23^2$	$= 11 + 61 + 81 + 160 + 232$
$545 := 8^3 + 10^1 + 14^0 + 22^1$	$= 83 + 101 + 140 + 221$	$545 := 1^1 + 7^1 + 7^1 + 16^0 + 23^2$	$= 11 + 71 + 71 + 160 + 232$
$545 := 8^3 + 11^1 + 14^0 + 21^1$	$= 83 + 111 + 140 + 211$	$545 := 1^2 + 1^5 + 2^5 + 22^2 + 27^1$	$= 12 + 15 + 25 + 222 + 271$
$545 := 8^3 + 12^1 + 14^0 + 20^1$	$= 83 + 121 + 140 + 201$	$545 := 1^2 + 1^8 + 6^2 + 22^2 + 23^1$	$= 12 + 18 + 62 + 222 + 231$
$545 := 8^3 + 13^1 + 14^0 + 19^1$	$= 83 + 131 + 140 + 191$	$545 := 1^2 + 1^8 + 9^2 + 21^1 + 21^2$	$= 12 + 18 + 92 + 211 + 212$
$545 := 8^3 + 14^0 + 14^1 + 18^1$	$= 83 + 140 + 141 + 181$	$545 := 1^2 + 2^0 + 13^1 + 15^0 + 23^2$	$= 12 + 20 + 131 + 150 + 232$
$545 := 8^3 + 14^0 + 15^1 + 17^1$	$= 83 + 140 + 151 + 171$	$545 := 1^2 + 2^3 + 2^9 + 23^1 + 25^0$	$= 12 + 23 + 29 + 231 + 250$
$545 := 8^3 + 14^0 + 16^1 + 16^1$	$= 83 + 140 + 161 + 161$	$545 := 1^2 + 3^0 + 13^1 + 14^0 + 23^2$	$= 12 + 30 + 131 + 140 + 232$
$545 := 8^3 + 9^1 + 14^0 + 23^1$	$= 83 + 91 + 140 + 231$	$545 := 1^2 + 4^0 + 13^0 + 13^1 + 23^2$	$= 12 + 40 + 130 + 131 + 232$
$545 := 1^0 + 1^2 + 13^1 + 16^0 + 23^2$	$= 10 + 12 + 131 + 160 + 232$	$545 := 1^2 + 5^0 + 12^0 + 13^1 + 23^2$	$= 12 + 50 + 120 + 131 + 232$
$545 := 1^0 + 1^7 + 2^5 + 22^2 + 27^1$	$= 10 + 17 + 25 + 222 + 271$	$545 := 1^2 + 6^0 + 11^0 + 13^1 + 23^2$	$= 12 + 60 + 110 + 131 + 232$
$545 := 1^0 + 2^0 + 6^2 + 22^2 + 23^1$	$= 10 + 20 + 62 + 222 + 231$	$545 := 1^2 + 7^0 + 10^0 + 13^1 + 23^2$	$= 12 + 70 + 100 + 131 + 232$
$545 := 1^0 + 2^0 + 9^2 + 21^1 + 21^2$	$= 10 + 20 + 92 + 211 + 212$	$545 := 1^2 + 8^0 + 9^0 + 13^1 + 23^2$	$= 12 + 80 + 90 + 131 + 232$
$545 := 1^0 + 2^1 + 10^2 + 20^0 + 21^2$	$= 10 + 21 + 102 + 200 + 212$	$545 := 1^3 + 1^4 + 2^5 + 22^2 + 27^1$	$= 13 + 14 + 25 + 222 + 271$
$545 := 1^0 + 2^2 + 10^1 + 18^0 + 23^2$	$= 10 + 22 + 101 + 180 + 232$	$545 := 1^3 + 1^7 + 6^2 + 22^2 + 23^1$	$= 13 + 17 + 62 + 222 + 231$
$545 := 1^0 + 3^2 + 5^1 + 22^0 + 23^2$	$= 10 + 32 + 51 + 220 + 232$	$545 := 1^3 + 1^7 + 9^2 + 21^1 + 21^2$	$= 13 + 17 + 92 + 211 + 212$
$545 := 1^0 + 4^1 + 8^3 + 14^0 + 27^1$	$= 10 + 41 + 83 + 140 + 271$	$545 := 1^3 + 1^9 + 13^1 + 15^0 + 23^2$	$= 13 + 19 + 131 + 150 + 232$
$545 := 1^0 + 5^1 + 8^3 + 14^0 + 26^1$	$= 10 + 51 + 83 + 140 + 261$	$545 := 1^3 + 2^2 + 2^9 + 21^0 + 27^1$	$= 13 + 22 + 29 + 210 + 271$
$545 := 1^0 + 6^1 + 8^3 + 14^0 + 25^1$	$= 10 + 61 + 83 + 140 + 251$	$545 := 1^3 + 2^7 + 13^2 + 15^2 + 22^1$	$= 13 + 27 + 132 + 152 + 221$
$545 := 1^0 + 7^1 + 8^3 + 14^0 + 24^1$	$= 10 + 71 + 83 + 140 + 241$	$545 := 1^3 + 2^9 + 3^2 + 22^1 + 25^0$	$= 13 + 29 + 32 + 221 + 250$
$545 := 1^0 + 7^2 + 10^1 + 14^0 + 22^2$	$= 10 + 72 + 101 + 140 + 222$	$545 := 1^4 + 1^6 + 6^2 + 22^2 + 23^1$	$= 14 + 16 + 62 + 222 + 231$
$545 := 1^0 + 8^0 + 13^1 + 13^2 + 19^2$	$= 10 + 80 + 131 + 132 + 192$	$545 := 1^4 + 1^6 + 9^2 + 21^1 + 21^2$	$= 14 + 16 + 92 + 211 + 212$
$545 := 1^0 + 8^1 + 8^3 + 14^0 + 23^1$	$= 10 + 81 + 83 + 140 + 231$	$545 := 1^4 + 1^8 + 13^1 + 15^0 + 23^2$	$= 14 + 18 + 131 + 150 + 232$
$545 := 1^0 + 8^3 + 10^1 + 14^0 + 21^1$	$= 10 + 83 + 101 + 140 + 211$	$545 := 1^4 + 2^5 + 5^3 + 19^2 + 26^1$	$= 14 + 25 + 53 + 192 + 261$
$545 := 1^0 + 8^3 + 11^1 + 14^0 + 20^1$	$= 10 + 83 + 111 + 140 + 201$	$545 := 1^4 + 2^9 + 10^1 + 19^0 + 21^1$	$= 14 + 29 + 101 + 190 + 211$
$545 := 1^0 + 8^3 + 12^1 + 14^0 + 19^1$	$= 10 + 83 + 121 + 140 + 191$	$545 := 1^4 + 2^9 + 11^1 + 19^0 + 20^1$	$= 14 + 29 + 111 + 190 + 201$
$545 := 1^0 + 8^3 + 13^1 + 14^0 + 18^1$	$= 10 + 83 + 131 + 140 + 181$	$545 := 1^4 + 2^9 + 12^1 + 19^0 + 19^1$	$= 14 + 29 + 121 + 190 + 191$
$545 := 1^0 + 8^3 + 14^0 + 14^1 + 17^1$	$= 10 + 83 + 140 + 141 + 171$	$545 := 1^4 + 2^9 + 13^1 + 18^1 + 19^0$	$= 14 + 29 + 131 + 181 + 190$
$545 := 1^0 + 8^3 + 14^0 + 15^1 + 16^1$	$= 10 + 83 + 140 + 151 + 161$	$545 := 1^4 + 2^9 + 14^1 + 17^1 + 19^0$	$= 14 + 29 + 141 + 171 + 190$
$545 := 1^0 + 8^3 + 9^1 + 14^0 + 22^1$	$= 10 + 83 + 91 + 140 + 221$	$545 := 1^4 + 2^9 + 15^1 + 16^1 + 19^0$	$= 14 + 29 + 151 + 161 + 190$

$$\begin{aligned} 545 &:= 1^4 + 2^9 + 4^1 + 19^0 + 27^1 = 14 + 29 + 41 + 190 + 271 & 545 &:= 1^7 + 3^5 + 11^1 + 17^2 + 21^0 = 17 + 35 + 111 + 172 + 210 \\ 545 &:= 1^4 + 2^9 + 5^1 + 19^0 + 26^1 = 14 + 29 + 51 + 190 + 261 & 545 &:= 1^7 + 4^2 + 4^3 + 21^2 + 23^1 = 17 + 42 + 43 + 212 + 231 \\ 545 &:= 1^4 + 2^9 + 6^1 + 19^0 + 25^1 = 14 + 29 + 61 + 190 + 251 & 545 &:= 1^7 + 4^3 + 10^2 + 19^1 + 19^2 = 17 + 43 + 102 + 191 + 192 \\ 545 &:= 1^4 + 2^9 + 7^1 + 19^0 + 24^1 = 14 + 29 + 71 + 190 + 241 & 545 &:= 1^7 + 4^4 + 10^1 + 16^2 + 22^1 = 17 + 44 + 101 + 162 + 221 \\ 545 &:= 1^4 + 2^9 + 8^1 + 19^0 + 23^1 = 14 + 29 + 81 + 190 + 231 & 545 &:= 1^7 + 4^4 + 11^1 + 16^2 + 21^1 = 17 + 44 + 111 + 162 + 211 \\ 545 &:= 1^4 + 2^9 + 9^1 + 19^0 + 22^1 = 14 + 29 + 91 + 190 + 221 & 545 &:= 1^7 + 4^4 + 12^1 + 16^2 + 20^1 = 17 + 44 + 121 + 162 + 201 \\ 545 &:= 1^4 + 3^5 + 4^4 + 18^1 + 27^1 = 14 + 35 + 44 + 181 + 271 & 545 &:= 1^7 + 4^4 + 13^1 + 16^2 + 19^1 = 17 + 44 + 131 + 162 + 191 \\ 545 &:= 1^4 + 3^5 + 4^4 + 19^1 + 26^1 = 14 + 35 + 44 + 191 + 261 & 545 &:= 1^7 + 4^4 + 14^1 + 16^2 + 18^1 = 17 + 44 + 141 + 162 + 181 \\ 545 &:= 1^4 + 3^5 + 4^4 + 20^1 + 25^1 = 14 + 35 + 44 + 201 + 251 & 545 &:= 1^7 + 4^4 + 15^1 + 16^2 + 17^1 = 17 + 44 + 151 + 162 + 171 \\ 545 &:= 1^4 + 3^5 + 4^4 + 21^1 + 24^1 = 14 + 35 + 44 + 211 + 241 & 545 &:= 1^7 + 4^4 + 16^1 + 16^1 + 16^2 = 17 + 44 + 161 + 161 + 162 \\ 545 &:= 1^4 + 3^5 + 4^4 + 22^1 + 23^1 = 14 + 35 + 44 + 221 + 231 & 545 &:= 1^7 + 4^4 + 5^1 + 16^2 + 27^1 = 17 + 44 + 51 + 162 + 271 \\ 545 &:= 1^5 + 1^5 + 6^2 + 22^2 + 23^1 = 15 + 15 + 62 + 222 + 231 & 545 &:= 1^7 + 4^4 + 6^1 + 16^2 + 26^1 = 17 + 44 + 61 + 162 + 261 \\ 545 &:= 1^5 + 1^5 + 9^2 + 21^1 + 21^2 = 15 + 15 + 92 + 211 + 212 & 545 &:= 1^7 + 4^4 + 7^1 + 16^2 + 25^1 = 17 + 44 + 71 + 162 + 251 \\ 545 &:= 1^5 + 1^7 + 13^1 + 15^0 + 23^2 = 15 + 17 + 131 + 150 + 232 & 545 &:= 1^7 + 4^4 + 8^1 + 16^2 + 24^1 = 17 + 44 + 81 + 162 + 241 \\ 545 &:= 1^5 + 2^5 + 13^2 + 18^2 + 19^1 = 15 + 25 + 132 + 182 + 191 & 545 &:= 1^7 + 4^4 + 9^1 + 16^2 + 23^1 = 17 + 44 + 91 + 162 + 231 \\ 545 &:= 1^5 + 2^5 + 3^3 + 22^2 + 25^0 = 15 + 25 + 33 + 222 + 250 & 545 &:= 1^7 + 5^3 + 12^2 + 16^2 + 19^1 = 17 + 53 + 122 + 162 + 191 \\ 545 &:= 1^5 + 2^5 + 7^2 + 21^2 + 22^1 = 15 + 25 + 72 + 212 + 221 & 545 &:= 1^7 + 5^3 + 6^2 + 19^2 + 22^1 = 17 + 53 + 62 + 192 + 221 \\ 545 &:= 1^5 + 2^7 + 15^0 + 15^1 + 20^2 = 15 + 27 + 150 + 151 + 202 & 545 &:= 1^7 + 6^3 + 7^2 + 16^2 + 23^1 = 17 + 63 + 72 + 162 + 231 \\ 545 &:= 1^5 + 3^5 + 7^2 + 15^2 + 27^1 = 15 + 35 + 72 + 152 + 271 & 545 &:= 1^7 + 6^3 + 9^2 + 15^2 + 22^1 = 17 + 63 + 92 + 152 + 221 \\ 545 &:= 1^6 + 1^6 + 13^1 + 15^0 + 23^2 = 16 + 16 + 131 + 150 + 232 & 545 &:= 1^8 + 11^2 + 11^2 + 13^1 + 17^2 = 18 + 112 + 112 + 131 + 172 \\ 545 &:= 1^6 + 2^1 + 2^5 + 22^2 + 26^1 = 16 + 21 + 25 + 222 + 261 & 545 &:= 1^8 + 2^2 + 11^2 + 19^1 + 20^2 = 18 + 22 + 112 + 191 + 202 \\ 545 &:= 1^6 + 2^3 + 3^3 + 22^2 + 25^1 = 16 + 23 + 33 + 222 + 251 & 545 &:= 1^8 + 2^3 + 8^3 + 19^0 + 23^1 = 18 + 23 + 83 + 190 + 231 \\ 545 &:= 1^6 + 2^5 + 10^1 + 18^1 + 22^2 = 16 + 25 + 101 + 181 + 222 & 545 &:= 1^8 + 3^4 + 7^0 + 21^1 + 21^2 = 18 + 34 + 70 + 211 + 212 \\ 545 &:= 1^6 + 2^5 + 11^1 + 17^1 + 22^2 = 16 + 25 + 111 + 171 + 222 & 545 &:= 1^8 + 4^2 + 16^1 + 16^2 + 16^2 = 18 + 42 + 161 + 162 + 162 \\ 545 &:= 1^6 + 2^5 + 12^1 + 16^1 + 22^2 = 16 + 25 + 121 + 161 + 222 & 545 &:= 1^8 + 5^1 + 7^3 + 13^2 + 27^1 = 18 + 51 + 73 + 132 + 271 \\ 545 &:= 1^6 + 2^5 + 13^1 + 15^1 + 22^2 = 16 + 25 + 131 + 151 + 222 & 545 &:= 1^8 + 6^1 + 7^3 + 13^2 + 26^1 = 18 + 61 + 73 + 132 + 261 \\ 545 &:= 1^6 + 2^5 + 14^1 + 14^1 + 22^2 = 16 + 25 + 141 + 141 + 222 & 545 &:= 1^8 + 6^2 + 13^2 + 15^1 + 18^2 = 18 + 62 + 132 + 151 + 182 \\ 545 &:= 1^6 + 2^5 + 3^1 + 22^2 + 25^1 = 16 + 25 + 31 + 222 + 251 & 545 &:= 1^8 + 6^2 + 7^2 + 18^1 + 21^2 = 18 + 62 + 72 + 181 + 212 \\ 545 &:= 1^6 + 2^5 + 4^1 + 22^2 + 24^1 = 16 + 25 + 41 + 222 + 241 & 545 &:= 1^8 + 7^1 + 7^3 + 13^2 + 25^1 = 18 + 71 + 73 + 132 + 251 \\ 545 &:= 1^6 + 2^5 + 5^1 + 22^2 + 23^1 = 16 + 25 + 51 + 222 + 231 & 545 &:= 1^8 + 7^2 + 14^1 + 15^2 + 16^2 = 18 + 72 + 141 + 152 + 162 \\ 545 &:= 1^6 + 2^5 + 6^1 + 22^1 + 22^2 = 16 + 25 + 61 + 221 + 222 & 545 &:= 1^8 + 7^3 + 10^1 + 13^2 + 22^1 = 18 + 73 + 101 + 132 + 221 \\ 545 &:= 1^6 + 2^5 + 7^1 + 21^1 + 22^2 = 16 + 25 + 71 + 211 + 222 & 545 &:= 1^8 + 7^3 + 10^2 + 10^2 + 25^0 = 18 + 73 + 102 + 102 + 250 \\ 545 &:= 1^6 + 2^5 + 8^1 + 20^1 + 22^2 = 16 + 25 + 81 + 201 + 222 & 545 &:= 1^8 + 7^3 + 11^1 + 13^2 + 21^1 = 18 + 73 + 111 + 132 + 211 \\ 545 &:= 1^6 + 2^5 + 9^1 + 19^1 + 22^2 = 16 + 25 + 91 + 191 + 222 & 545 &:= 1^8 + 7^3 + 12^1 + 13^2 + 20^1 = 18 + 73 + 121 + 132 + 201 \\ 545 &:= 1^6 + 3^4 + 9^2 + 19^2 + 21^1 = 16 + 34 + 92 + 192 + 211 & 545 &:= 1^8 + 7^3 + 13^1 + 13^2 + 19^1 = 18 + 73 + 131 + 132 + 191 \\ 545 &:= 1^6 + 4^4 + 6^2 + 15^2 + 27^1 = 16 + 44 + 62 + 152 + 271 & 545 &:= 1^8 + 7^3 + 13^2 + 14^1 + 18^1 = 18 + 73 + 132 + 141 + 181 \\ 545 &:= 1^7 + 2^4 + 8^3 + 15^1 + 27^0 = 17 + 24 + 83 + 151 + 270 & 545 &:= 1^8 + 7^3 + 13^2 + 15^1 + 17^1 = 18 + 73 + 132 + 151 + 171 \\ 545 &:= 1^7 + 3^2 + 3^3 + 22^2 + 24^1 = 17 + 32 + 33 + 222 + 241 & 545 &:= 1^8 + 7^3 + 13^2 + 16^1 + 16^1 = 18 + 73 + 132 + 161 + 161 \end{aligned}$$

$$\begin{aligned}
 545 &:= 1^8 + 7^3 + 8^1 + 13^2 + 24^1 = 18 + 73 + 81 + 132 + 241 & 545 &:= 2^0 + 7^0 + 13^1 + 13^2 + 19^2 = 20 + 70 + 131 + 132 + 192 \\
 545 &:= 1^8 + 7^3 + 9^1 + 13^2 + 23^1 = 18 + 73 + 91 + 132 + 231 & 545 &:= 2^0 + 7^1 + 8^3 + 13^0 + 24^1 = 20 + 71 + 83 + 130 + 241 \\
 545 &:= 1^8 + 8^2 + 8^2 + 16^1 + 20^2 = 18 + 82 + 82 + 161 + 202 & 545 &:= 2^0 + 7^2 + 10^1 + 13^0 + 22^2 = 20 + 72 + 101 + 130 + 222 \\
 545 &:= 1^8 + 9^2 + 13^1 + 15^2 + 15^2 = 18 + 92 + 131 + 152 + 152 & 545 &:= 2^0 + 8^1 + 8^3 + 13^0 + 23^1 = 20 + 81 + 83 + 130 + 231 \\
 545 &:= 1^9 + 2^1 + 6^2 + 22^1 + 22^2 = 19 + 21 + 62 + 221 + 222 & 545 &:= 2^0 + 8^3 + 10^1 + 13^0 + 21^1 = 20 + 83 + 101 + 130 + 211 \\
 545 &:= 1^9 + 2^1 + 9^2 + 20^1 + 21^2 = 19 + 21 + 92 + 201 + 212 & 545 &:= 2^0 + 8^3 + 11^1 + 13^0 + 20^1 = 20 + 83 + 111 + 130 + 201 \\
 545 &:= 1^9 + 2^2 + 8^3 + 15^0 + 27^1 = 19 + 22 + 83 + 150 + 271 & 545 &:= 2^0 + 8^3 + 12^1 + 13^0 + 19^1 = 20 + 83 + 121 + 130 + 191 \\
 545 &:= 1^9 + 2^3 + 6^1 + 21^0 + 23^2 = 19 + 23 + 61 + 210 + 232 & 545 &:= 2^0 + 8^3 + 13^0 + 13^1 + 18^1 = 20 + 83 + 130 + 131 + 181 \\
 545 &:= 1^9 + 3^1 + 6^2 + 21^1 + 22^2 = 19 + 31 + 62 + 211 + 222 & 545 &:= 2^0 + 8^3 + 13^0 + 14^1 + 17^1 = 20 + 83 + 130 + 141 + 171 \\
 545 &:= 1^9 + 3^1 + 6^3 + 18^2 + 25^0 = 19 + 31 + 63 + 182 + 250 & 545 &:= 2^0 + 8^3 + 13^0 + 15^1 + 16^1 = 20 + 83 + 130 + 151 + 161 \\
 545 &:= 1^9 + 3^1 + 9^2 + 19^1 + 21^2 = 19 + 31 + 92 + 191 + 212 & 545 &:= 2^0 + 8^3 + 9^1 + 13^0 + 22^1 = 20 + 83 + 91 + 130 + 221 \\
 545 &:= 1^9 + 3^2 + 8^3 + 19^0 + 22^1 = 19 + 32 + 83 + 190 + 221 & 545 &:= 2^1 + 10^0 + 10^2 + 11^0 + 21^2 = 21 + 100 + 102 + 110 + 212 \\
 545 &:= 1^9 + 4^1 + 6^2 + 20^1 + 22^2 = 19 + 41 + 62 + 201 + 222 & 545 &:= 2^1 + 2^1 + 11^1 + 16^0 + 23^2 = 21 + 21 + 111 + 160 + 232 \\
 545 &:= 1^9 + 4^1 + 7^3 + 14^2 + 27^0 = 19 + 41 + 73 + 142 + 270 & 545 &:= 2^1 + 3^0 + 10^2 + 18^0 + 21^2 = 21 + 30 + 102 + 180 + 212 \\
 545 &:= 1^9 + 4^1 + 9^2 + 18^1 + 21^2 = 19 + 41 + 92 + 181 + 212 & 545 &:= 2^1 + 3^1 + 10^1 + 16^0 + 23^2 = 21 + 31 + 101 + 160 + 232 \\
 545 &:= 1^9 + 4^2 + 8^3 + 15^1 + 25^0 = 19 + 42 + 83 + 151 + 250 & 545 &:= 2^1 + 4^0 + 10^2 + 17^0 + 21^2 = 21 + 40 + 102 + 170 + 212 \\
 545 &:= 1^9 + 5^1 + 6^2 + 19^1 + 22^2 = 19 + 51 + 62 + 191 + 222 & 545 &:= 2^1 + 4^1 + 9^1 + 16^0 + 23^2 = 21 + 41 + 91 + 160 + 232 \\
 545 &:= 1^9 + 5^1 + 9^2 + 17^1 + 21^2 = 19 + 51 + 92 + 171 + 212 & 545 &:= 2^1 + 5^0 + 10^2 + 16^0 + 21^2 = 21 + 50 + 102 + 160 + 212 \\
 545 &:= 1^9 + 5^3 + 9^0 + 18^1 + 20^2 = 19 + 53 + 90 + 181 + 202 & 545 &:= 2^1 + 5^1 + 8^1 + 16^0 + 23^2 = 21 + 51 + 81 + 160 + 232 \\
 545 &:= 1^9 + 6^1 + 6^2 + 18^1 + 22^2 = 19 + 61 + 62 + 181 + 222 & 545 &:= 2^1 + 6^0 + 10^2 + 15^0 + 21^2 = 21 + 60 + 102 + 150 + 212 \\
 545 &:= 1^9 + 6^1 + 9^2 + 16^1 + 21^2 = 19 + 61 + 92 + 161 + 212 & 545 &:= 2^1 + 6^1 + 7^1 + 16^0 + 23^2 = 21 + 61 + 71 + 160 + 232 \\
 545 &:= 1^9 + 6^2 + 10^1 + 14^1 + 22^2 = 19 + 62 + 101 + 141 + 222 & 545 &:= 2^1 + 7^0 + 10^2 + 14^0 + 21^2 = 21 + 70 + 102 + 140 + 212 \\
 545 &:= 1^9 + 6^2 + 11^1 + 13^1 + 22^2 = 19 + 62 + 111 + 131 + 222 & 545 &:= 2^1 + 8^0 + 10^2 + 13^0 + 21^2 = 21 + 80 + 102 + 130 + 212 \\
 545 &:= 1^9 + 6^2 + 12^1 + 12^1 + 22^2 = 19 + 62 + 121 + 121 + 222 & 545 &:= 2^1 + 9^0 + 10^2 + 12^0 + 21^2 = 21 + 90 + 102 + 120 + 212 \\
 545 &:= 1^9 + 6^2 + 7^1 + 17^1 + 22^2 = 19 + 62 + 71 + 171 + 222 & 545 &:= 2^2 + 2^3 + 2^9 + 20^1 + 27^0 = 22 + 23 + 29 + 201 + 270 \\
 545 &:= 1^9 + 6^2 + 8^1 + 16^1 + 22^2 = 19 + 62 + 81 + 161 + 222 & 545 &:= 2^2 + 3^0 + 10^1 + 16^0 + 23^2 = 22 + 30 + 101 + 160 + 232 \\
 545 &:= 1^9 + 6^2 + 9^1 + 15^1 + 22^2 = 19 + 62 + 91 + 151 + 222 & 545 &:= 2^2 + 4^0 + 10^1 + 15^0 + 23^2 = 22 + 40 + 101 + 150 + 232 \\
 545 &:= 1^9 + 7^1 + 9^2 + 15^1 + 21^2 = 19 + 71 + 92 + 151 + 212 & 545 &:= 2^2 + 5^0 + 10^1 + 14^0 + 23^2 = 22 + 50 + 101 + 140 + 232 \\
 545 &:= 1^9 + 8^1 + 9^2 + 14^1 + 21^2 = 19 + 81 + 92 + 141 + 212 & 545 &:= 2^2 + 6^0 + 10^1 + 13^0 + 23^2 = 22 + 60 + 101 + 130 + 232 \\
 545 &:= 1^9 + 9^1 + 9^2 + 13^1 + 21^2 = 19 + 91 + 92 + 131 + 212 & 545 &:= 2^2 + 7^0 + 10^1 + 12^0 + 23^2 = 22 + 70 + 101 + 120 + 232 \\
 545 &:= 1^9 + 9^2 + 10^1 + 12^1 + 21^2 = 19 + 92 + 101 + 121 + 212 & 545 &:= 2^2 + 8^0 + 10^1 + 11^0 + 23^2 = 22 + 80 + 101 + 110 + 232 \\
 545 &:= 1^9 + 9^2 + 11^1 + 11^1 + 21^2 = 19 + 92 + 111 + 111 + 212 & 545 &:= 2^2 + 9^0 + 10^0 + 10^1 + 23^2 = 22 + 90 + 100 + 101 + 232 \\
 545 &:= 2^0 + 2^1 + 10^2 + 19^0 + 21^2 = 20 + 21 + 102 + 190 + 212 & 545 &:= 2^3 + 2^3 + 2^7 + 20^2 + 27^0 = 23 + 23 + 27 + 202 + 270 \\
 545 &:= 2^0 + 2^2 + 10^1 + 17^0 + 23^2 = 20 + 22 + 101 + 170 + 232 & 545 &:= 2^4 + 2^6 + 11^2 + 18^2 + 20^1 = 24 + 26 + 112 + 182 + 201 \\
 545 &:= 2^0 + 3^2 + 5^1 + 21^0 + 23^2 = 20 + 32 + 51 + 210 + 232 & 545 &:= 2^4 + 2^6 + 4^3 + 20^2 + 25^0 = 24 + 26 + 43 + 202 + 250 \\
 545 &:= 2^0 + 4^1 + 8^3 + 13^0 + 27^1 = 20 + 41 + 83 + 130 + 271 & 545 &:= 2^4 + 2^7 + 12^2 + 16^2 + 21^0 = 24 + 27 + 122 + 162 + 210 \\
 545 &:= 2^0 + 5^1 + 8^3 + 13^0 + 26^1 = 20 + 51 + 83 + 130 + 261 & 545 &:= 2^4 + 2^8 + 16^1 + 16^2 + 17^0 = 24 + 28 + 161 + 162 + 170 \\
 545 &:= 2^0 + 6^1 + 8^3 + 13^0 + 25^1 = 20 + 61 + 83 + 130 + 251 & 545 &:= 2^5 + 2^5 + 10^2 + 19^2 + 20^1 = 25 + 25 + 102 + 192 + 201
 \end{aligned}$$

$$\begin{aligned} 545 &:= 2^5 + 2^5 + 4^2 + 21^2 + 24^1 = 25 + 25 + 42 + 212 + 241 & 545 &:= 3^2 + 5^0 + 5^1 + 18^0 + 23^2 = 32 + 50 + 51 + 180 + 232 \\ 545 &:= 2^5 + 2^7 + 7^0 + 19^2 + 23^1 = 25 + 27 + 70 + 192 + 231 & 545 &:= 3^2 + 5^1 + 10^0 + 13^0 + 23^2 = 32 + 51 + 100 + 130 + 232 \\ 545 &:= 2^5 + 3^5 + 10^2 + 12^2 + 26^1 = 25 + 35 + 102 + 122 + 261 & 545 &:= 3^2 + 5^1 + 11^0 + 12^0 + 23^2 = 32 + 51 + 110 + 120 + 232 \\ 545 &:= 2^6 + 2^6 + 13^0 + 16^1 + 20^2 = 26 + 26 + 130 + 161 + 202 & 545 &:= 3^2 + 5^1 + 6^0 + 17^0 + 23^2 = 32 + 51 + 60 + 170 + 232 \\ 545 &:= 2^6 + 3^5 + 6^3 + 21^0 + 21^1 = 26 + 35 + 63 + 210 + 211 & 545 &:= 3^2 + 5^1 + 7^0 + 16^0 + 23^2 = 32 + 51 + 70 + 160 + 232 \\ 545 &:= 2^7 + 3^2 + 5^3 + 16^2 + 27^1 = 27 + 32 + 53 + 162 + 271 & 545 &:= 3^2 + 5^1 + 8^0 + 15^0 + 23^2 = 32 + 51 + 80 + 150 + 232 \\ 545 &:= 2^7 + 3^3 + 12^2 + 15^2 + 21^1 = 27 + 33 + 122 + 152 + 211 & 545 &:= 3^2 + 5^1 + 9^0 + 14^0 + 23^2 = 32 + 51 + 90 + 140 + 232 \\ 545 &:= 2^7 + 5^3 + 10^2 + 13^2 + 23^1 = 27 + 53 + 102 + 132 + 231 & 545 &:= 4^0 + 4^1 + 8^3 + 11^0 + 27^1 = 40 + 41 + 83 + 110 + 271 \\ 545 &:= 2^8 + 3^0 + 3^5 + 18^1 + 27^1 = 28 + 30 + 35 + 181 + 271 & 545 &:= 4^0 + 5^0 + 13^1 + 13^2 + 19^2 = 40 + 50 + 131 + 132 + 192 \\ 545 &:= 2^8 + 3^0 + 3^5 + 19^1 + 26^1 = 28 + 30 + 35 + 191 + 261 & 545 &:= 4^0 + 5^1 + 8^3 + 11^0 + 26^1 = 40 + 51 + 83 + 110 + 261 \\ 545 &:= 2^8 + 3^0 + 3^5 + 20^1 + 25^1 = 28 + 30 + 35 + 201 + 251 & 545 &:= 4^0 + 6^1 + 8^3 + 11^0 + 25^1 = 40 + 61 + 83 + 110 + 251 \\ 545 &:= 2^8 + 3^0 + 3^5 + 21^1 + 24^1 = 28 + 30 + 35 + 211 + 241 & 545 &:= 4^0 + 7^1 + 8^3 + 11^0 + 24^1 = 40 + 71 + 83 + 110 + 241 \\ 545 &:= 2^8 + 3^0 + 3^5 + 22^1 + 23^1 = 28 + 30 + 35 + 221 + 231 & 545 &:= 4^0 + 7^2 + 10^1 + 11^0 + 22^2 = 40 + 72 + 101 + 110 + 222 \\ 545 &:= 2^8 + 3^2 + 4^4 + 21^0 + 23^1 = 28 + 32 + 44 + 210 + 231 & 545 &:= 4^0 + 8^1 + 8^3 + 11^0 + 23^1 = 40 + 81 + 83 + 110 + 231 \\ 545 &:= 2^8 + 3^3 + 6^2 + 15^2 + 27^0 = 28 + 33 + 62 + 152 + 270 & 545 &:= 4^0 + 8^3 + 10^1 + 11^0 + 21^1 = 40 + 83 + 101 + 110 + 211 \\ 545 &:= 2^8 + 3^4 + 11^1 + 14^2 + 23^0 = 28 + 34 + 111 + 142 + 230 & 545 &:= 4^0 + 8^3 + 11^0 + 11^1 + 20^1 = 40 + 83 + 110 + 111 + 201 \\ 545 &:= 2^8 + 4^2 + 4^4 + 16^1 + 27^0 = 28 + 42 + 44 + 161 + 270 & 545 &:= 4^0 + 8^3 + 11^0 + 12^1 + 19^1 = 40 + 83 + 110 + 121 + 191 \\ 545 &:= 2^8 + 8^2 + 9^2 + 11^2 + 23^1 = 28 + 82 + 92 + 112 + 231 & 545 &:= 4^0 + 8^3 + 11^0 + 13^1 + 18^1 = 40 + 83 + 110 + 131 + 181 \\ 545 &:= 3^0 + 3^2 + 5^1 + 20^0 + 23^2 = 30 + 32 + 51 + 200 + 232 & 545 &:= 4^0 + 8^3 + 11^0 + 14^1 + 17^1 = 40 + 83 + 110 + 141 + 171 \\ 545 &:= 3^0 + 4^1 + 8^3 + 12^0 + 27^1 = 30 + 41 + 83 + 120 + 271 & 545 &:= 4^0 + 8^3 + 11^0 + 15^1 + 16^1 = 40 + 83 + 110 + 151 + 161 \\ 545 &:= 3^0 + 5^1 + 8^3 + 12^0 + 26^1 = 30 + 51 + 83 + 120 + 261 & 545 &:= 4^0 + 8^3 + 9^1 + 11^0 + 22^1 = 40 + 83 + 91 + 110 + 221 \\ 545 &:= 3^0 + 6^0 + 13^1 + 13^2 + 19^2 = 30 + 60 + 131 + 132 + 192 & 545 &:= 4^1 + 4^1 + 7^1 + 16^0 + 23^2 = 41 + 41 + 71 + 160 + 232 \\ 545 &:= 3^0 + 6^1 + 8^3 + 12^0 + 25^1 = 30 + 61 + 83 + 120 + 251 & 545 &:= 4^1 + 5^0 + 8^3 + 10^0 + 27^1 = 41 + 50 + 83 + 100 + 271 \\ 545 &:= 3^0 + 7^1 + 8^3 + 12^0 + 24^1 = 30 + 71 + 83 + 120 + 241 & 545 &:= 4^1 + 5^1 + 6^1 + 16^0 + 23^2 = 41 + 51 + 61 + 160 + 232 \\ 545 &:= 3^0 + 7^2 + 10^1 + 12^0 + 22^2 = 30 + 72 + 101 + 120 + 222 & 545 &:= 4^1 + 6^0 + 8^3 + 9^0 + 27^1 = 41 + 60 + 83 + 90 + 271 \\ 545 &:= 3^0 + 8^1 + 8^3 + 12^0 + 23^1 = 30 + 81 + 83 + 120 + 231 & 545 &:= 4^1 + 7^0 + 8^0 + 8^3 + 27^1 = 41 + 70 + 80 + 83 + 271 \\ 545 &:= 3^0 + 8^3 + 10^1 + 12^0 + 21^1 = 30 + 83 + 101 + 120 + 211 & 545 &:= 5^0 + 5^1 + 8^3 + 10^0 + 26^1 = 50 + 51 + 83 + 100 + 261 \\ 545 &:= 3^0 + 8^3 + 11^1 + 12^0 + 20^1 = 30 + 83 + 111 + 120 + 201 & 545 &:= 5^0 + 6^1 + 8^3 + 10^0 + 25^1 = 50 + 61 + 83 + 100 + 251 \\ 545 &:= 3^0 + 8^3 + 12^0 + 12^1 + 19^1 = 30 + 83 + 120 + 121 + 191 & 545 &:= 5^0 + 7^1 + 8^3 + 10^0 + 24^1 = 50 + 71 + 83 + 100 + 241 \\ 545 &:= 3^0 + 8^3 + 12^0 + 13^1 + 18^1 = 30 + 83 + 120 + 131 + 181 & 545 &:= 5^0 + 7^2 + 10^0 + 10^1 + 22^2 = 50 + 72 + 100 + 101 + 222 \\ 545 &:= 3^0 + 8^3 + 12^0 + 14^1 + 17^1 = 30 + 83 + 120 + 141 + 171 & 545 &:= 5^0 + 8^1 + 8^3 + 10^0 + 23^1 = 50 + 81 + 83 + 100 + 231 \\ 545 &:= 3^0 + 8^3 + 12^0 + 15^1 + 16^1 = 30 + 83 + 120 + 151 + 161 & 545 &:= 5^0 + 8^3 + 10^0 + 10^1 + 21^1 = 50 + 83 + 100 + 101 + 211 \\ 545 &:= 3^0 + 8^3 + 9^1 + 12^0 + 22^1 = 30 + 83 + 91 + 120 + 221 & 545 &:= 5^0 + 8^3 + 10^0 + 11^1 + 20^1 = 50 + 83 + 100 + 111 + 201 \\ 545 &:= 3^1 + 3^1 + 9^1 + 16^0 + 23^2 = 31 + 31 + 91 + 160 + 232 & 545 &:= 5^0 + 8^3 + 10^0 + 12^1 + 19^1 = 50 + 83 + 100 + 121 + 191 \\ 545 &:= 3^1 + 4^1 + 8^1 + 16^0 + 23^2 = 31 + 41 + 81 + 160 + 232 & 545 &:= 5^0 + 8^3 + 10^0 + 13^1 + 18^1 = 50 + 83 + 100 + 131 + 181 \\ 545 &:= 3^1 + 5^1 + 7^1 + 16^0 + 23^2 = 31 + 51 + 71 + 160 + 232 & 545 &:= 5^0 + 8^3 + 10^0 + 14^1 + 17^1 = 50 + 83 + 100 + 141 + 171 \\ 545 &:= 3^1 + 6^1 + 6^1 + 16^0 + 23^2 = 31 + 61 + 61 + 160 + 232 & 545 &:= 5^0 + 8^3 + 10^0 + 15^1 + 16^1 = 50 + 83 + 100 + 151 + 161 \\ 545 &:= 3^2 + 4^0 + 5^1 + 19^0 + 23^2 = 32 + 40 + 51 + 190 + 232 & 545 &:= 5^0 + 8^3 + 9^1 + 10^0 + 22^1 = 50 + 83 + 91 + 100 + 221 \end{aligned}$$

$545 := 5^1 + 5^1 + 5^1 + 16^0 + 23^2$	$= 51 + 51 + 51 + 160 + 232$	$545 := 6^0 + 8^3 + 9^0 + 9^1 + 22^1$	$= 60 + 83 + 90 + 91 + 221$
$545 := 5^1 + 6^0 + 8^3 + 9^0 + 26^1$	$= 51 + 60 + 83 + 90 + 261$	$545 := 6^1 + 7^0 + 8^0 + 8^3 + 25^1$	$= 61 + 70 + 80 + 83 + 251$
$545 := 5^1 + 7^0 + 8^0 + 8^3 + 26^1$	$= 51 + 70 + 80 + 83 + 261$	$545 := 7^0 + 7^1 + 8^0 + 8^3 + 24^1$	$= 70 + 71 + 80 + 83 + 241$
$545 := 6^0 + 6^1 + 8^3 + 9^0 + 25^1$	$= 60 + 61 + 83 + 90 + 251$	$545 := 7^0 + 7^2 + 8^0 + 10^1 + 22^2$	$= 70 + 72 + 80 + 101 + 222$
$545 := 6^0 + 7^1 + 8^3 + 9^0 + 24^1$	$= 60 + 71 + 83 + 90 + 241$	$545 := 7^0 + 8^0 + 8^1 + 8^3 + 23^1$	$= 70 + 80 + 81 + 83 + 231$
$545 := 6^0 + 7^2 + 9^0 + 10^1 + 22^2$	$= 60 + 72 + 90 + 101 + 222$	$545 := 7^0 + 8^0 + 8^3 + 10^1 + 21^1$	$= 70 + 80 + 83 + 101 + 211$
$545 := 6^0 + 8^1 + 8^3 + 9^0 + 23^1$	$= 60 + 81 + 83 + 90 + 231$	$545 := 7^0 + 8^0 + 8^3 + 11^1 + 20^1$	$= 70 + 80 + 83 + 111 + 201$
$545 := 6^0 + 8^3 + 9^0 + 10^1 + 21^1$	$= 60 + 83 + 90 + 101 + 211$	$545 := 7^0 + 8^0 + 8^3 + 12^1 + 19^1$	$= 70 + 80 + 83 + 121 + 191$
$545 := 6^0 + 8^3 + 9^0 + 11^1 + 20^1$	$= 60 + 83 + 90 + 111 + 201$	$545 := 7^0 + 8^0 + 8^3 + 13^1 + 18^1$	$= 70 + 80 + 83 + 131 + 181$
$545 := 6^0 + 8^3 + 9^0 + 12^1 + 19^1$	$= 60 + 83 + 90 + 121 + 191$	$545 := 7^0 + 8^0 + 8^3 + 14^1 + 17^1$	$= 70 + 80 + 83 + 141 + 171$
$545 := 6^0 + 8^3 + 9^0 + 13^1 + 18^1$	$= 60 + 83 + 90 + 131 + 181$	$545 := 7^0 + 8^0 + 8^3 + 15^1 + 16^1$	$= 70 + 80 + 83 + 151 + 161$
$545 := 6^0 + 8^3 + 9^0 + 14^1 + 17^1$	$= 60 + 83 + 90 + 141 + 171$	$545 := 7^0 + 8^0 + 8^3 + 9^1 + 22^1$	$= 70 + 80 + 83 + 91 + 221$
$545 := 6^0 + 8^3 + 9^0 + 15^1 + 16^1$	$= 60 + 83 + 90 + 151 + 161$		

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$546 := 2^4 + 23^2 + 29^0$	$= 24 + 232 + 290$	$546 := 3^2 + 8^3 + 19^0 + 24^1$	$= 32 + 83 + 190 + 241$
$546 := 4^4 + 17^2 + 33^0$	$= 44 + 172 + 330$	$546 := 4^1 + 6^2 + 22^1 + 22^2$	$= 41 + 62 + 221 + 222$
$546 := 7^3 + 13^2 + 34^1$	$= 73 + 132 + 341$	$546 := 4^1 + 9^2 + 20^1 + 21^2$	$= 41 + 92 + 201 + 212$
$546 := 1^0 + 7^3 + 13^2 + 33^1$	$= 10 + 73 + 132 + 331$	$546 := 4^2 + 8^3 + 17^1 + 25^0$	$= 42 + 83 + 171 + 250$
$546 := 1^1 + 6^2 + 22^2 + 25^1$	$= 11 + 62 + 222 + 251$	$546 := 5^1 + 6^2 + 21^1 + 22^2$	$= 51 + 62 + 211 + 222$
$546 := 1^1 + 9^2 + 21^2 + 23^1$	$= 11 + 92 + 212 + 231$	$546 := 5^1 + 6^3 + 18^2 + 25^0$	$= 51 + 63 + 182 + 250$
$546 := 1^2 + 12^2 + 20^2 + 21^0$	$= 12 + 122 + 202 + 210$	$546 := 5^1 + 9^2 + 19^1 + 21^2$	$= 51 + 92 + 191 + 212$
$546 := 1^2 + 2^5 + 2^9 + 48^0$	$= 12 + 25 + 29 + 480$	$546 := 5^2 + 14^2 + 17^0 + 18^2$	$= 52 + 142 + 170 + 182$
$546 := 1^2 + 8^3 + 13^0 + 32^1$	$= 12 + 83 + 130 + 321$	$546 := 5^2 + 6^2 + 21^0 + 22^2$	$= 52 + 62 + 210 + 222$
$546 := 1^3 + 15^0 + 15^1 + 23^2$	$= 13 + 150 + 151 + 232$	$546 := 5^2 + 8^1 + 8^3 + 33^0$	$= 52 + 81 + 83 + 330$
$546 := 1^6 + 2^9 + 18^0 + 32^1$	$= 16 + 29 + 180 + 321$	$546 := 5^3 + 9^0 + 20^1 + 20^2$	$= 53 + 90 + 201 + 202$
$546 := 1^8 + 2^5 + 8^3 + 42^0$	$= 18 + 25 + 83 + 420$	$546 := 6^1 + 6^2 + 20^1 + 22^2$	$= 61 + 62 + 201 + 222$
$546 := 10^2 + 11^2 + 15^0 + 18^2$	$= 102 + 112 + 150 + 182$	$546 := 6^1 + 7^3 + 14^2 + 27^0$	$= 61 + 73 + 142 + 270$
$546 := 2^1 + 6^2 + 22^2 + 24^1$	$= 21 + 62 + 222 + 241$	$546 := 6^1 + 9^2 + 18^1 + 21^2$	$= 61 + 92 + 181 + 212$
$546 := 2^1 + 9^2 + 21^2 + 22^1$	$= 21 + 92 + 212 + 221$	$546 := 6^2 + 10^1 + 16^1 + 22^2$	$= 62 + 101 + 161 + 222$
$546 := 2^2 + 10^2 + 21^0 + 21^2$	$= 22 + 102 + 210 + 212$	$546 := 6^2 + 11^1 + 15^1 + 22^2$	$= 62 + 111 + 151 + 222$
$546 := 2^2 + 8^3 + 15^0 + 29^1$	$= 22 + 83 + 150 + 291$	$546 := 6^2 + 12^1 + 14^1 + 22^2$	$= 62 + 121 + 141 + 222$
$546 := 2^3 + 8^1 + 21^0 + 23^2$	$= 23 + 81 + 210 + 232$	$546 := 6^2 + 13^1 + 13^1 + 22^2$	$= 62 + 131 + 131 + 222$
$546 := 2^6 + 2^8 + 15^2 + 34^0$	$= 26 + 28 + 152 + 340$	$546 := 6^2 + 7^1 + 19^1 + 22^2$	$= 62 + 71 + 191 + 222$
$546 := 2^7 + 2^7 + 17^2 + 32^0$	$= 27 + 27 + 172 + 320$	$546 := 6^2 + 8^1 + 18^1 + 22^2$	$= 62 + 81 + 181 + 222$
$546 := 3^1 + 6^2 + 22^2 + 23^1$	$= 31 + 62 + 222 + 231$	$546 := 6^2 + 9^1 + 17^1 + 22^2$	$= 62 + 91 + 171 + 222$
$546 := 3^1 + 9^2 + 21^1 + 21^2$	$= 31 + 92 + 211 + 212$	$546 := 7^1 + 9^2 + 17^1 + 21^2$	$= 71 + 92 + 171 + 212$

$$\begin{aligned} 546 &:= 8^1 + 9^2 + 16^1 + 21^2 = 81 + 92 + 161 + 212 & 546 &:= 1^1 + 1^2 + 14^1 + 15^0 + 23^2 = 11 + 12 + 141 + 150 + 232 \\ 546 &:= 8^2 + 15^0 + 15^2 + 16^2 = 82 + 150 + 152 + 162 & 546 &:= 1^1 + 2^2 + 11^1 + 17^0 + 23^2 = 11 + 22 + 111 + 170 + 232 \\ 546 &:= 8^2 + 9^2 + 17^0 + 20^2 = 82 + 92 + 170 + 202 & 546 &:= 1^1 + 3^1 + 10^2 + 19^0 + 21^2 = 11 + 31 + 102 + 190 + 212 \\ 546 &:= 9^1 + 9^2 + 15^1 + 21^2 = 91 + 92 + 151 + 212 & 546 &:= 1^1 + 3^2 + 6^1 + 21^0 + 23^2 = 11 + 32 + 61 + 210 + 232 \\ 546 &:= 9^2 + 10^1 + 14^1 + 21^2 = 92 + 101 + 141 + 212 & 546 &:= 1^1 + 5^1 + 8^3 + 13^0 + 27^1 = 11 + 51 + 83 + 130 + 271 \\ 546 &:= 9^2 + 11^1 + 13^1 + 21^2 = 92 + 111 + 131 + 212 & 546 &:= 1^1 + 6^1 + 8^3 + 13^0 + 26^1 = 11 + 61 + 83 + 130 + 261 \\ 546 &:= 9^2 + 12^1 + 12^1 + 21^2 = 92 + 121 + 121 + 212 & 546 &:= 1^1 + 7^0 + 13^2 + 14^1 + 19^2 = 11 + 70 + 132 + 141 + 192 \\ 546 &:= 1^0 + 1^1 + 6^2 + 22^2 + 24^1 = 10 + 11 + 62 + 222 + 241 & 546 &:= 1^1 + 7^1 + 8^3 + 13^0 + 25^1 = 11 + 71 + 83 + 130 + 251 \\ 546 &:= 1^0 + 1^1 + 9^2 + 21^2 + 22^1 = 10 + 11 + 92 + 212 + 221 & 546 &:= 1^1 + 7^2 + 11^1 + 13^0 + 22^2 = 11 + 72 + 111 + 130 + 222 \\ 546 &:= 1^0 + 1^3 + 14^1 + 15^0 + 23^2 = 10 + 13 + 141 + 150 + 232 & 546 &:= 1^1 + 8^1 + 8^3 + 13^0 + 24^1 = 11 + 81 + 83 + 130 + 241 \\ 546 &:= 1^0 + 12^2 + 12^2 + 13^0 + 16^2 = 10 + 122 + 122 + 130 + 162 & 546 &:= 1^1 + 8^3 + 10^1 + 13^0 + 22^1 = 11 + 83 + 101 + 130 + 221 \\ 546 &:= 1^0 + 2^1 + 6^2 + 22^2 + 23^1 = 10 + 21 + 62 + 222 + 231 & 546 &:= 1^1 + 8^3 + 11^1 + 13^0 + 21^1 = 11 + 83 + 111 + 130 + 211 \\ 546 &:= 1^0 + 2^1 + 9^2 + 21^1 + 21^2 = 10 + 21 + 92 + 211 + 212 & 546 &:= 1^1 + 8^3 + 12^1 + 13^0 + 20^1 = 11 + 83 + 121 + 130 + 201 \\ 546 &:= 1^0 + 2^3 + 7^1 + 21^0 + 23^2 = 10 + 23 + 71 + 210 + 232 & 546 &:= 1^1 + 8^3 + 13^0 + 13^1 + 19^1 = 11 + 83 + 130 + 131 + 191 \\ 546 &:= 1^0 + 3^1 + 6^2 + 22^1 + 22^2 = 10 + 31 + 62 + 221 + 222 & 546 &:= 1^1 + 8^3 + 13^0 + 14^1 + 18^1 = 11 + 83 + 130 + 141 + 181 \\ 546 &:= 1^0 + 3^1 + 9^2 + 20^1 + 21^2 = 10 + 31 + 92 + 201 + 212 & 546 &:= 1^1 + 8^3 + 13^0 + 15^1 + 17^1 = 11 + 83 + 130 + 151 + 171 \\ 546 &:= 1^0 + 3^2 + 8^3 + 19^0 + 23^1 = 10 + 32 + 83 + 190 + 231 & 546 &:= 1^1 + 8^3 + 13^0 + 16^1 + 16^1 = 11 + 83 + 130 + 161 + 161 \\ 546 &:= 1^0 + 4^1 + 6^2 + 21^1 + 22^2 = 10 + 41 + 62 + 211 + 222 & 546 &:= 1^1 + 8^3 + 9^1 + 13^0 + 23^1 = 11 + 83 + 91 + 130 + 231 \\ 546 &:= 1^0 + 4^1 + 6^3 + 18^2 + 25^0 = 10 + 41 + 63 + 182 + 250 & 546 &:= 1^2 + 2^1 + 13^1 + 15^0 + 23^2 = 12 + 21 + 131 + 150 + 232 \\ 546 &:= 1^0 + 4^1 + 9^2 + 19^1 + 21^2 = 10 + 41 + 92 + 191 + 212 & 546 &:= 1^2 + 3^1 + 12^1 + 15^0 + 23^2 = 12 + 31 + 121 + 150 + 232 \\ 546 &:= 1^0 + 4^2 + 8^3 + 16^1 + 25^0 = 10 + 42 + 83 + 161 + 250 & 546 &:= 1^2 + 4^1 + 11^1 + 15^0 + 23^2 = 12 + 41 + 111 + 150 + 232 \\ 546 &:= 1^0 + 5^1 + 6^2 + 20^1 + 22^2 = 10 + 51 + 62 + 201 + 222 & 546 &:= 1^2 + 5^1 + 10^1 + 15^0 + 23^2 = 12 + 51 + 101 + 150 + 232 \\ 546 &:= 1^0 + 5^1 + 7^3 + 14^2 + 27^0 = 10 + 51 + 73 + 142 + 270 & 546 &:= 1^2 + 6^1 + 9^1 + 15^0 + 23^2 = 12 + 61 + 91 + 150 + 232 \\ 546 &:= 1^0 + 5^1 + 9^2 + 18^1 + 21^2 = 10 + 51 + 92 + 181 + 212 & 546 &:= 1^2 + 7^1 + 8^1 + 15^0 + 23^2 = 12 + 71 + 81 + 150 + 232 \\ 546 &:= 1^0 + 5^3 + 9^0 + 19^1 + 20^2 = 10 + 53 + 90 + 191 + 202 & 546 &:= 1^3 + 2^0 + 14^0 + 14^1 + 23^2 = 13 + 20 + 140 + 141 + 232 \\ 546 &:= 1^0 + 6^1 + 6^2 + 19^1 + 22^2 = 10 + 61 + 62 + 191 + 222 & 546 &:= 1^3 + 2^3 + 2^9 + 24^0 + 24^1 = 13 + 23 + 29 + 240 + 241 \\ 546 &:= 1^0 + 6^1 + 9^2 + 17^1 + 21^2 = 10 + 61 + 92 + 171 + 212 & 546 &:= 1^3 + 3^0 + 13^0 + 14^1 + 23^2 = 13 + 30 + 130 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 10^1 + 15^1 + 22^2 = 10 + 62 + 101 + 151 + 222 & 546 &:= 1^3 + 4^0 + 12^0 + 14^1 + 23^2 = 13 + 40 + 120 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 11^1 + 14^1 + 22^2 = 10 + 62 + 111 + 141 + 222 & 546 &:= 1^3 + 5^0 + 11^0 + 14^1 + 23^2 = 13 + 50 + 110 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 12^1 + 13^1 + 22^2 = 10 + 62 + 121 + 131 + 222 & 546 &:= 1^3 + 6^0 + 10^0 + 14^1 + 23^2 = 13 + 60 + 100 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 7^1 + 18^1 + 22^2 = 10 + 62 + 71 + 181 + 222 & 546 &:= 1^3 + 7^0 + 9^0 + 14^1 + 23^2 = 13 + 70 + 90 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 8^1 + 17^1 + 22^2 = 10 + 62 + 81 + 171 + 222 & 546 &:= 1^3 + 8^0 + 8^0 + 14^1 + 23^2 = 13 + 80 + 80 + 141 + 232 \\ 546 &:= 1^0 + 6^2 + 9^1 + 16^1 + 22^2 = 10 + 62 + 91 + 161 + 222 & 546 &:= 1^4 + 1^9 + 14^0 + 14^1 + 23^2 = 14 + 19 + 140 + 141 + 232 \\ 546 &:= 1^0 + 7^1 + 9^2 + 16^1 + 21^2 = 10 + 71 + 92 + 161 + 212 & 546 &:= 1^4 + 2^8 + 12^2 + 12^2 + 26^0 = 14 + 28 + 122 + 122 + 260 \\ 546 &:= 1^0 + 8^1 + 9^2 + 15^1 + 21^2 = 10 + 81 + 92 + 151 + 212 & 546 &:= 1^4 + 2^9 + 3^2 + 23^1 + 24^0 = 14 + 29 + 32 + 231 + 240 \\ 546 &:= 1^0 + 9^1 + 9^2 + 14^1 + 21^2 = 10 + 91 + 92 + 141 + 212 & 546 &:= 1^5 + 1^8 + 14^0 + 14^1 + 23^2 = 15 + 18 + 140 + 141 + 232 \\ 546 &:= 1^0 + 9^2 + 10^1 + 13^1 + 21^2 = 10 + 92 + 101 + 131 + 212 & 546 &:= 1^5 + 2^7 + 4^2 + 20^2 + 26^0 = 15 + 27 + 42 + 202 + 260 \\ 546 &:= 1^0 + 9^2 + 11^1 + 12^1 + 21^2 = 10 + 92 + 111 + 121 + 212 & 546 &:= 1^5 + 2^9 + 10^1 + 18^0 + 22^1 = 15 + 29 + 101 + 180 + 221 \end{aligned}$$

$$\begin{aligned}
 546 &:= 1^5 + 2^9 + 11^1 + 18^0 + 21^1 = 15 + 29 + 111 + 180 + 211 & 546 &:= 2^1 + 8^3 + 11^1 + 13^0 + 20^1 = 21 + 83 + 111 + 130 + 201 \\
 546 &:= 1^5 + 2^9 + 12^1 + 18^0 + 20^1 = 15 + 29 + 121 + 180 + 201 & 546 &:= 2^1 + 8^3 + 12^1 + 13^0 + 19^1 = 21 + 83 + 121 + 130 + 191 \\
 546 &:= 1^5 + 2^9 + 13^1 + 18^0 + 19^1 = 15 + 29 + 131 + 180 + 191 & 546 &:= 2^1 + 8^3 + 13^0 + 13^1 + 18^1 = 21 + 83 + 130 + 131 + 181 \\
 546 &:= 1^5 + 2^9 + 14^1 + 18^0 + 18^1 = 15 + 29 + 141 + 180 + 181 & 546 &:= 2^1 + 8^3 + 13^0 + 14^1 + 17^1 = 21 + 83 + 130 + 141 + 171 \\
 546 &:= 1^5 + 2^9 + 15^1 + 17^1 + 18^0 = 15 + 29 + 151 + 171 + 180 & 546 &:= 2^1 + 8^3 + 13^0 + 15^1 + 16^1 = 21 + 83 + 130 + 151 + 161 \\
 546 &:= 1^5 + 2^9 + 16^1 + 16^1 + 18^0 = 15 + 29 + 161 + 161 + 180 & 546 &:= 2^1 + 8^3 + 9^1 + 13^0 + 22^1 = 21 + 83 + 91 + 130 + 221 \\
 546 &:= 1^5 + 2^9 + 5^1 + 18^0 + 27^1 = 15 + 29 + 51 + 180 + 271 & 546 &:= 2^2 + 3^1 + 9^1 + 17^0 + 23^2 = 22 + 31 + 91 + 170 + 232 \\
 546 &:= 1^5 + 2^9 + 6^1 + 18^0 + 26^1 = 15 + 29 + 61 + 180 + 261 & 546 &:= 2^2 + 4^1 + 8^1 + 17^0 + 23^2 = 22 + 41 + 81 + 170 + 232 \\
 546 &:= 1^5 + 2^9 + 7^1 + 18^0 + 25^1 = 15 + 29 + 71 + 180 + 251 & 546 &:= 2^2 + 5^1 + 7^1 + 17^0 + 23^2 = 22 + 51 + 71 + 170 + 232 \\
 546 &:= 1^5 + 2^9 + 8^1 + 18^0 + 24^1 = 15 + 29 + 81 + 180 + 241 & 546 &:= 2^2 + 6^1 + 6^1 + 17^0 + 23^2 = 22 + 61 + 61 + 170 + 232 \\
 546 &:= 1^5 + 2^9 + 9^1 + 18^0 + 23^1 = 15 + 29 + 91 + 180 + 231 & 546 &:= 2^3 + 2^5 + 2^6 + 21^2 + 26^0 = 23 + 25 + 26 + 212 + 260 \\
 546 &:= 1^6 + 1^7 + 14^0 + 14^1 + 23^2 = 16 + 17 + 140 + 141 + 232 & 546 &:= 2^3 + 2^8 + 4^4 + 20^0 + 25^1 = 23 + 28 + 44 + 200 + 251 \\
 546 &:= 1^6 + 2^7 + 14^0 + 16^1 + 20^2 = 16 + 27 + 140 + 161 + 202 & 546 &:= 2^3 + 3^0 + 7^1 + 19^0 + 23^2 = 23 + 30 + 71 + 190 + 232 \\
 546 &:= 1^7 + 2^5 + 16^2 + 16^2 + 18^0 = 17 + 25 + 162 + 162 + 180 & 546 &:= 2^3 + 4^0 + 7^1 + 18^0 + 23^2 = 23 + 40 + 71 + 180 + 232 \\
 546 &:= 1^8 + 2^4 + 8^3 + 16^1 + 26^0 = 18 + 24 + 83 + 161 + 260 & 546 &:= 2^3 + 5^0 + 7^1 + 17^0 + 23^2 = 23 + 50 + 71 + 170 + 232 \\
 546 &:= 1^8 + 3^5 + 12^1 + 17^2 + 20^0 = 18 + 35 + 121 + 172 + 200 & 546 &:= 2^3 + 6^0 + 7^1 + 16^0 + 23^2 = 23 + 60 + 71 + 160 + 232 \\
 546 &:= 1^8 + 4^4 + 12^2 + 12^2 + 24^0 = 18 + 44 + 122 + 122 + 240 & 546 &:= 2^3 + 7^0 + 7^1 + 15^0 + 23^2 = 23 + 70 + 71 + 150 + 232 \\
 546 &:= 1^9 + 2^2 + 6^3 + 18^2 + 26^0 = 19 + 22 + 63 + 182 + 260 & 546 &:= 2^3 + 7^1 + 10^0 + 12^0 + 23^2 = 23 + 71 + 100 + 120 + 232 \\
 546 &:= 1^9 + 2^3 + 8^3 + 18^0 + 24^1 = 19 + 23 + 83 + 180 + 241 & 546 &:= 2^3 + 7^1 + 11^0 + 11^0 + 23^2 = 23 + 71 + 110 + 110 + 232 \\
 546 &:= 1^9 + 3^4 + 6^0 + 21^2 + 22^1 = 19 + 34 + 60 + 212 + 221 & 546 &:= 2^3 + 7^1 + 8^0 + 14^0 + 23^2 = 23 + 71 + 80 + 140 + 232 \\
 546 &:= 2^0 + 12^0 + 12^2 + 12^2 + 16^2 = 20 + 120 + 122 + 122 + 162 & 546 &:= 2^3 + 7^1 + 9^0 + 13^0 + 23^2 = 23 + 71 + 90 + 130 + 232 \\
 546 &:= 2^0 + 2^3 + 7^1 + 20^0 + 23^2 = 20 + 23 + 71 + 200 + 232 & 546 &:= 2^5 + 2^5 + 3^4 + 20^2 + 26^0 = 25 + 25 + 34 + 202 + 260 \\
 546 &:= 2^0 + 3^2 + 8^3 + 18^0 + 23^1 = 20 + 32 + 83 + 180 + 231 & 546 &:= 2^5 + 2^6 + 5^3 + 18^2 + 26^0 = 25 + 26 + 53 + 182 + 260 \\
 546 &:= 2^0 + 4^1 + 6^3 + 18^2 + 24^0 = 20 + 41 + 63 + 182 + 240 & 546 &:= 2^5 + 3^5 + 3^5 + 18^0 + 27^1 = 25 + 35 + 35 + 180 + 271 \\
 546 &:= 2^0 + 4^2 + 8^3 + 16^1 + 24^0 = 20 + 42 + 83 + 161 + 240 & 546 &:= 2^8 + 3^5 + 5^2 + 21^1 + 22^0 = 28 + 35 + 52 + 211 + 220 \\
 546 &:= 2^0 + 5^1 + 7^3 + 14^2 + 26^0 = 20 + 51 + 73 + 142 + 260 & 546 &:= 3^0 + 11^0 + 12^2 + 12^2 + 16^2 = 30 + 110 + 122 + 122 + 162 \\
 546 &:= 2^0 + 5^3 + 8^0 + 19^1 + 20^2 = 20 + 53 + 80 + 191 + 202 & 546 &:= 3^0 + 3^2 + 8^3 + 17^0 + 23^1 = 30 + 32 + 83 + 170 + 231 \\
 546 &:= 2^1 + 2^1 + 10^2 + 19^0 + 21^2 = 21 + 21 + 102 + 190 + 212 & 546 &:= 3^0 + 4^1 + 6^3 + 18^2 + 23^0 = 30 + 41 + 63 + 182 + 230 \\
 546 &:= 2^1 + 2^2 + 10^1 + 17^0 + 23^2 = 21 + 22 + 101 + 170 + 232 & 546 &:= 3^0 + 4^2 + 8^3 + 16^1 + 23^0 = 30 + 42 + 83 + 161 + 230 \\
 546 &:= 2^1 + 3^2 + 5^1 + 21^0 + 23^2 = 21 + 32 + 51 + 210 + 232 & 546 &:= 3^0 + 5^1 + 7^3 + 14^2 + 25^0 = 30 + 51 + 73 + 142 + 250 \\
 546 &:= 2^1 + 4^1 + 8^3 + 13^0 + 27^1 = 21 + 41 + 83 + 130 + 271 & 546 &:= 3^0 + 5^3 + 7^0 + 19^1 + 20^2 = 30 + 53 + 70 + 191 + 202 \\
 546 &:= 2^1 + 5^1 + 8^3 + 13^0 + 26^1 = 21 + 51 + 83 + 130 + 261 & 546 &:= 3^1 + 3^1 + 8^3 + 13^0 + 27^1 = 31 + 31 + 83 + 130 + 271 \\
 546 &:= 2^1 + 6^1 + 8^3 + 13^0 + 25^1 = 21 + 61 + 83 + 130 + 251 & 546 &:= 3^1 + 3^2 + 4^1 + 21^0 + 23^2 = 31 + 32 + 41 + 210 + 232 \\
 546 &:= 2^1 + 7^0 + 13^1 + 13^2 + 19^2 = 21 + 70 + 131 + 132 + 192 & 546 &:= 3^1 + 4^1 + 8^3 + 13^0 + 26^1 = 31 + 41 + 83 + 130 + 261 \\
 546 &:= 2^1 + 7^1 + 8^3 + 13^0 + 24^1 = 21 + 71 + 83 + 130 + 241 & 546 &:= 3^1 + 5^1 + 8^3 + 13^0 + 25^1 = 31 + 51 + 83 + 130 + 251 \\
 546 &:= 2^1 + 7^2 + 10^1 + 13^0 + 22^2 = 21 + 72 + 101 + 130 + 222 & 546 &:= 3^1 + 6^1 + 8^3 + 13^0 + 24^1 = 31 + 61 + 83 + 130 + 241 \\
 546 &:= 2^1 + 8^1 + 8^3 + 13^0 + 23^1 = 21 + 81 + 83 + 130 + 231 & 546 &:= 3^1 + 7^0 + 12^1 + 13^2 + 19^2 = 31 + 70 + 121 + 132 + 192 \\
 546 &:= 2^1 + 8^3 + 10^1 + 13^0 + 21^1 = 21 + 83 + 101 + 130 + 211 & 546 &:= 3^1 + 7^1 + 8^3 + 13^0 + 23^1 = 31 + 71 + 83 + 130 + 231
 \end{aligned}$$

$$\begin{aligned} 546 &:= 3^1 + 7^2 + 9^1 + 13^0 + 22^2 = 31 + 72 + 91 + 130 + 222 & 546 &:= 4^1 + 8^3 + 11^1 + 13^0 + 18^1 = 41 + 83 + 111 + 130 + 181 \\ 546 &:= 3^1 + 8^1 + 8^3 + 13^0 + 22^1 = 31 + 81 + 83 + 130 + 221 & 546 &:= 4^1 + 8^3 + 12^1 + 13^0 + 17^1 = 41 + 83 + 121 + 130 + 171 \\ 546 &:= 3^1 + 8^3 + 10^1 + 13^0 + 20^1 = 31 + 83 + 101 + 130 + 201 & 546 &:= 4^1 + 8^3 + 13^0 + 13^1 + 16^1 = 41 + 83 + 130 + 131 + 161 \\ 546 &:= 3^1 + 8^3 + 11^1 + 13^0 + 19^1 = 31 + 83 + 111 + 130 + 191 & 546 &:= 4^1 + 8^3 + 13^0 + 14^1 + 15^1 = 41 + 83 + 130 + 141 + 151 \\ 546 &:= 3^1 + 8^3 + 12^1 + 13^0 + 18^1 = 31 + 83 + 121 + 130 + 181 & 546 &:= 4^1 + 8^3 + 9^1 + 13^0 + 20^1 = 41 + 83 + 91 + 130 + 201 \\ 546 &:= 3^1 + 8^3 + 13^0 + 13^1 + 17^1 = 31 + 83 + 130 + 131 + 171 & 546 &:= 4^2 + 5^0 + 8^3 + 16^1 + 21^0 = 42 + 50 + 83 + 161 + 210 \\ 546 &:= 3^1 + 8^3 + 13^0 + 14^1 + 16^1 = 31 + 83 + 130 + 141 + 161 & 546 &:= 4^2 + 6^0 + 8^3 + 16^1 + 20^0 = 42 + 60 + 83 + 161 + 200 \\ 546 &:= 3^1 + 8^3 + 13^0 + 15^1 + 15^1 = 31 + 83 + 130 + 151 + 151 & 546 &:= 4^2 + 7^0 + 8^3 + 16^1 + 19^0 = 42 + 70 + 83 + 161 + 190 \\ 546 &:= 3^1 + 8^3 + 9^1 + 13^0 + 21^1 = 31 + 83 + 91 + 130 + 211 & 546 &:= 4^2 + 8^0 + 8^3 + 16^1 + 18^0 = 42 + 80 + 83 + 161 + 180 \\ 546 &:= 3^2 + 4^0 + 8^3 + 16^0 + 23^1 = 32 + 40 + 83 + 160 + 231 & 546 &:= 4^2 + 8^3 + 10^0 + 16^0 + 16^1 = 42 + 83 + 100 + 160 + 161 \\ 546 &:= 3^2 + 5^0 + 8^3 + 15^0 + 23^1 = 32 + 50 + 83 + 150 + 231 & 546 &:= 4^2 + 8^3 + 11^0 + 15^0 + 16^1 = 42 + 83 + 110 + 150 + 161 \\ 546 &:= 3^2 + 6^0 + 8^3 + 14^0 + 23^1 = 32 + 60 + 83 + 140 + 231 & 546 &:= 4^2 + 8^3 + 12^0 + 14^0 + 16^1 = 42 + 83 + 120 + 140 + 161 \\ 546 &:= 3^2 + 7^0 + 8^3 + 13^0 + 23^1 = 32 + 70 + 83 + 130 + 231 & 546 &:= 4^2 + 8^3 + 13^0 + 13^0 + 16^1 = 42 + 83 + 130 + 130 + 161 \\ 546 &:= 3^2 + 8^0 + 8^3 + 12^0 + 23^1 = 32 + 80 + 83 + 120 + 231 & 546 &:= 4^2 + 8^3 + 9^0 + 16^1 + 17^0 = 42 + 83 + 90 + 161 + 170 \\ 546 &:= 3^2 + 8^3 + 10^0 + 10^0 + 23^1 = 32 + 83 + 100 + 100 + 231 & 546 &:= 5^0 + 5^0 + 5^3 + 19^1 + 20^2 = 50 + 50 + 53 + 191 + 202 \\ 546 &:= 3^2 + 8^3 + 9^0 + 11^0 + 23^1 = 32 + 83 + 90 + 110 + 231 & 546 &:= 5^0 + 5^1 + 7^3 + 14^2 + 23^0 = 50 + 51 + 73 + 142 + 230 \\ 546 &:= 4^0 + 10^0 + 12^2 + 12^2 + 16^2 = 40 + 100 + 122 + 122 + 162 & 546 &:= 5^0 + 9^0 + 12^2 + 12^2 + 16^2 = 50 + 90 + 122 + 122 + 162 \\ 546 &:= 4^0 + 4^1 + 6^3 + 18^2 + 22^0 = 40 + 41 + 63 + 182 + 220 & 546 &:= 5^1 + 5^1 + 8^3 + 13^0 + 23^1 = 51 + 51 + 83 + 130 + 231 \\ 546 &:= 4^0 + 4^2 + 8^3 + 16^1 + 22^0 = 40 + 42 + 83 + 161 + 220 & 546 &:= 5^1 + 6^0 + 7^3 + 14^2 + 22^0 = 51 + 60 + 73 + 142 + 220 \\ 546 &:= 4^0 + 5^1 + 7^3 + 14^2 + 24^0 = 40 + 51 + 73 + 142 + 240 & 546 &:= 5^1 + 6^1 + 8^3 + 13^0 + 22^1 = 51 + 61 + 83 + 130 + 221 \\ 546 &:= 4^0 + 5^3 + 6^0 + 19^1 + 20^2 = 40 + 53 + 60 + 191 + 202 & 546 &:= 5^1 + 7^0 + 10^1 + 13^2 + 19^2 = 51 + 70 + 101 + 132 + 192 \\ 546 &:= 4^1 + 4^1 + 8^3 + 13^0 + 25^1 = 41 + 41 + 83 + 130 + 251 & 546 &:= 5^1 + 7^0 + 7^3 + 14^2 + 21^0 = 51 + 70 + 73 + 142 + 210 \\ 546 &:= 4^1 + 5^0 + 6^3 + 18^2 + 21^0 = 41 + 50 + 63 + 182 + 210 & 546 &:= 5^1 + 7^1 + 7^2 + 13^0 + 22^2 = 51 + 71 + 72 + 130 + 222 \\ 546 &:= 4^1 + 5^1 + 8^3 + 13^0 + 24^1 = 41 + 51 + 83 + 130 + 241 & 546 &:= 5^1 + 7^1 + 8^3 + 13^0 + 21^1 = 51 + 71 + 83 + 130 + 211 \\ 546 &:= 4^1 + 6^0 + 6^3 + 18^2 + 20^0 = 41 + 60 + 63 + 182 + 200 & 546 &:= 5^1 + 7^3 + 10^0 + 14^2 + 18^0 = 51 + 73 + 100 + 142 + 180 \\ 546 &:= 4^1 + 6^1 + 8^3 + 13^0 + 23^1 = 41 + 61 + 83 + 130 + 231 & 546 &:= 5^1 + 7^3 + 11^0 + 14^2 + 17^0 = 51 + 73 + 110 + 142 + 170 \\ 546 &:= 4^1 + 6^3 + 10^0 + 16^0 + 18^2 = 41 + 63 + 100 + 160 + 182 & 546 &:= 5^1 + 7^3 + 12^0 + 14^2 + 16^0 = 51 + 73 + 120 + 142 + 160 \\ 546 &:= 4^1 + 6^3 + 11^0 + 15^0 + 18^2 = 41 + 63 + 110 + 150 + 182 & 546 &:= 5^1 + 7^3 + 13^0 + 14^2 + 15^0 = 51 + 73 + 130 + 142 + 150 \\ 546 &:= 4^1 + 6^3 + 12^0 + 14^0 + 18^2 = 41 + 63 + 120 + 140 + 182 & 546 &:= 5^1 + 7^3 + 14^0 + 14^0 + 14^2 = 51 + 73 + 140 + 140 + 142 \\ 546 &:= 4^1 + 6^3 + 13^0 + 13^0 + 18^2 = 41 + 63 + 130 + 130 + 182 & 546 &:= 5^1 + 7^3 + 8^0 + 14^2 + 20^0 = 51 + 73 + 80 + 142 + 200 \\ 546 &:= 4^1 + 6^3 + 7^0 + 18^2 + 19^0 = 41 + 63 + 70 + 182 + 190 & 546 &:= 5^1 + 7^3 + 9^0 + 14^2 + 19^0 = 51 + 73 + 90 + 142 + 190 \\ 546 &:= 4^1 + 6^3 + 8^0 + 18^0 + 18^2 = 41 + 63 + 80 + 180 + 182 & 546 &:= 5^1 + 8^1 + 8^3 + 13^0 + 20^1 = 51 + 81 + 83 + 130 + 201 \\ 546 &:= 4^1 + 6^3 + 9^0 + 17^0 + 18^2 = 41 + 63 + 90 + 170 + 182 & 546 &:= 5^1 + 8^3 + 10^1 + 13^0 + 18^1 = 51 + 83 + 101 + 130 + 181 \\ 546 &:= 4^1 + 7^0 + 11^1 + 13^2 + 19^2 = 41 + 70 + 111 + 132 + 192 & 546 &:= 5^1 + 8^3 + 11^1 + 13^0 + 17^1 = 51 + 83 + 111 + 130 + 171 \\ 546 &:= 4^1 + 7^1 + 8^3 + 13^0 + 22^1 = 41 + 71 + 83 + 130 + 221 & 546 &:= 5^1 + 8^3 + 12^1 + 13^0 + 16^1 = 51 + 83 + 121 + 130 + 161 \\ 546 &:= 4^1 + 7^2 + 8^1 + 13^0 + 22^2 = 41 + 72 + 81 + 130 + 222 & 546 &:= 5^1 + 8^3 + 13^0 + 13^1 + 15^1 = 51 + 83 + 130 + 131 + 151 \\ 546 &:= 4^1 + 8^1 + 8^3 + 13^0 + 21^1 = 41 + 81 + 83 + 130 + 211 & 546 &:= 5^1 + 8^3 + 13^0 + 14^1 + 14^1 = 51 + 83 + 130 + 141 + 141 \\ 546 &:= 4^1 + 8^3 + 10^1 + 13^0 + 19^1 = 41 + 83 + 101 + 130 + 191 & 546 &:= 5^1 + 8^3 + 9^1 + 13^0 + 19^1 = 51 + 83 + 91 + 130 + 191 \end{aligned}$$

$546 := 5^2 + 7^0 + 7^1 + 8^3 + 27^0$	$= 52 + 70 + 71 + 83 + 270$	$546 := 7^0 + 7^0 + 12^2 + 12^2 + 16^2$	$= 70 + 70 + 122 + 122 + 162$
$546 := 5^2 + 7^1 + 8^0 + 8^3 + 26^0$	$= 52 + 71 + 80 + 83 + 260$	$546 := 7^0 + 7^1 + 8^1 + 13^2 + 19^2$	$= 70 + 71 + 81 + 132 + 192$
$546 := 5^2 + 7^1 + 8^3 + 10^0 + 24^0$	$= 52 + 71 + 83 + 100 + 240$	$546 := 7^1 + 7^1 + 8^3 + 13^0 + 19^1$	$= 71 + 71 + 83 + 130 + 191$
$546 := 5^2 + 7^1 + 8^3 + 11^0 + 23^0$	$= 52 + 71 + 83 + 110 + 230$	$546 := 7^1 + 8^1 + 8^3 + 13^0 + 18^1$	$= 71 + 81 + 83 + 130 + 181$
$546 := 5^2 + 7^1 + 8^3 + 12^0 + 22^0$	$= 52 + 71 + 83 + 120 + 220$	$546 := 7^1 + 8^3 + 10^1 + 13^0 + 16^1$	$= 71 + 83 + 101 + 130 + 161$
$546 := 5^2 + 7^1 + 8^3 + 13^0 + 21^0$	$= 52 + 71 + 83 + 130 + 210$	$546 := 7^1 + 8^3 + 11^1 + 13^0 + 15^1$	$= 71 + 83 + 111 + 130 + 151$
$546 := 5^2 + 7^1 + 8^3 + 14^0 + 20^0$	$= 52 + 71 + 83 + 140 + 200$	$546 := 7^1 + 8^3 + 12^1 + 13^0 + 14^1$	$= 71 + 83 + 121 + 130 + 141$
$546 := 5^2 + 7^1 + 8^3 + 15^0 + 19^0$	$= 52 + 71 + 83 + 150 + 190$	$546 := 7^1 + 8^3 + 13^0 + 13^1 + 13^1$	$= 71 + 83 + 130 + 131 + 131$
$546 := 5^2 + 7^1 + 8^3 + 16^0 + 18^0$	$= 52 + 71 + 83 + 160 + 180$	$546 := 7^1 + 8^3 + 9^1 + 13^0 + 17^1$	$= 71 + 83 + 91 + 130 + 171$
$546 := 5^2 + 7^1 + 8^3 + 17^0 + 17^0$	$= 52 + 71 + 83 + 170 + 170$	$546 := 8^1 + 8^1 + 8^3 + 13^0 + 17^1$	$= 81 + 81 + 83 + 130 + 171$
$546 := 5^2 + 7^1 + 8^3 + 9^0 + 25^0$	$= 52 + 71 + 83 + 90 + 250$	$546 := 8^1 + 8^3 + 10^1 + 13^0 + 15^1$	$= 81 + 83 + 101 + 130 + 151$
$546 := 6^0 + 8^0 + 12^2 + 12^2 + 16^2$	$= 60 + 80 + 122 + 122 + 162$	$546 := 8^1 + 8^3 + 11^1 + 13^0 + 14^1$	$= 81 + 83 + 111 + 130 + 141$
$546 := 6^1 + 6^1 + 7^2 + 13^0 + 22^2$	$= 61 + 61 + 72 + 130 + 222$	$546 := 8^1 + 8^3 + 12^1 + 13^0 + 13^1$	$= 81 + 83 + 121 + 130 + 131$
$546 := 6^1 + 6^1 + 8^3 + 13^0 + 21^1$	$= 61 + 61 + 83 + 130 + 211$	$546 := 8^1 + 8^3 + 9^1 + 13^0 + 16^1$	$= 81 + 83 + 91 + 130 + 161$
$546 := 6^1 + 7^0 + 9^1 + 13^2 + 19^2$	$= 61 + 70 + 91 + 132 + 192$	$546 := 8^3 + 10^1 + 10^1 + 13^0 + 13^1$	$= 83 + 101 + 101 + 130 + 131$
$546 := 6^1 + 7^1 + 8^3 + 13^0 + 20^1$	$= 61 + 71 + 83 + 130 + 201$	$546 := 8^3 + 10^1 + 11^1 + 12^1 + 13^0$	$= 83 + 101 + 111 + 121 + 130$
$546 := 6^1 + 8^1 + 8^3 + 13^0 + 19^1$	$= 61 + 81 + 83 + 130 + 191$	$546 := 8^3 + 11^1 + 11^1 + 11^1 + 13^0$	$= 83 + 111 + 111 + 111 + 130$
$546 := 6^1 + 8^3 + 10^1 + 13^0 + 17^1$	$= 61 + 83 + 101 + 130 + 171$	$546 := 8^3 + 9^1 + 10^1 + 13^0 + 14^1$	$= 83 + 91 + 101 + 130 + 141$
$546 := 6^1 + 8^3 + 11^1 + 13^0 + 16^1$	$= 61 + 83 + 111 + 130 + 161$	$546 := 8^3 + 9^1 + 11^1 + 13^0 + 13^1$	$= 83 + 91 + 111 + 130 + 131$
$546 := 6^1 + 8^3 + 12^1 + 13^0 + 15^1$	$= 61 + 83 + 121 + 130 + 151$	$546 := 8^3 + 9^1 + 12^1 + 12^1 + 13^0$	$= 83 + 91 + 121 + 121 + 130$
$546 := 6^1 + 8^3 + 13^0 + 13^1 + 14^1$	$= 61 + 83 + 130 + 131 + 141$	$546 := 8^3 + 9^1 + 9^1 + 13^0 + 15^1$	$= 83 + 91 + 91 + 130 + 151$
$546 := 6^1 + 8^3 + 9^1 + 13^0 + 18^1$	$= 61 + 83 + 91 + 130 + 181$		

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$547 := 1^1 + 2^4 + 23^2 + 28^0$	$= 11 + 24 + 232 + 280$	$547 := 2^8 + 2^8 + 15^0 + 34^1$	$= 28 + 28 + 150 + 341$
$547 := 1^1 + 4^4 + 17^2 + 32^0$	$= 11 + 44 + 172 + 320$	$547 := 3^2 + 5^2 + 8^3 + 38^0$	$= 32 + 52 + 83 + 380$
$547 := 1^3 + 16^2 + 17^2 + 20^0$	$= 13 + 162 + 172 + 200$	$547 := 3^3 + 7^1 + 8^3 + 36^0$	$= 33 + 71 + 83 + 360$
$547 := 1^3 + 2^8 + 3^5 + 47^1$	$= 13 + 28 + 35 + 471$	$547 := 3^4 + 6^0 + 21^2 + 24^1$	$= 34 + 60 + 212 + 241$
$547 := 1^3 + 4^2 + 23^2 + 26^0$	$= 13 + 42 + 232 + 260$	$547 := 4^3 + 11^2 + 19^2 + 20^0$	$= 43 + 112 + 192 + 200$
$547 := 1^3 + 8^3 + 12^0 + 33^1$	$= 13 + 83 + 120 + 331$	$547 := 5^3 + 14^2 + 15^2 + 20^0$	$= 53 + 142 + 152 + 200$
$547 := 1^4 + 14^0 + 16^1 + 23^2$	$= 14 + 140 + 161 + 232$	$547 := 1^0 + 1^3 + 12^2 + 20^0 + 20^2$	$= 10 + 13 + 122 + 200 + 202$
$547 := 1^6 + 2^8 + 16^2 + 34^1$	$= 16 + 28 + 162 + 341$	$547 := 1^0 + 1^4 + 14^0 + 15^1 + 23^2$	$= 10 + 14 + 140 + 151 + 232$
$547 := 1^7 + 2^8 + 17^2 + 33^0$	$= 17 + 28 + 172 + 330$	$547 := 1^0 + 2^3 + 8^3 + 18^0 + 25^1$	$= 10 + 23 + 83 + 180 + 251$
$547 := 1^7 + 2^9 + 17^0 + 33^1$	$= 17 + 29 + 170 + 331$	$547 := 1^0 + 3^4 + 6^0 + 21^2 + 23^1$	$= 10 + 34 + 60 + 212 + 231$
$547 := 2^3 + 3^2 + 23^2 + 26^0$	$= 23 + 32 + 232 + 260$	$547 := 1^0 + 4^3 + 15^2 + 16^2 + 18^0$	$= 10 + 43 + 152 + 162 + 180$
$547 := 2^3 + 8^3 + 18^0 + 26^1$	$= 23 + 83 + 180 + 261$	$547 := 1^0 + 4^3 + 9^2 + 20^0 + 20^2$	$= 10 + 43 + 92 + 200 + 202$
$547 := 2^5 + 2^8 + 6^3 + 43^1$	$= 25 + 28 + 63 + 431$	$547 := 1^0 + 7^3 + 9^2 + 11^2 + 26^0$	$= 10 + 73 + 92 + 112 + 260$

$$\begin{aligned} 547 &:= 1^1 + 1^2 + 12^2 + 20^0 + 20^2 = 11 + 12 + 122 + 200 + 202 \\ 547 &:= 1^1 + 1^3 + 14^0 + 15^1 + 23^2 = 11 + 13 + 140 + 151 + 232 \\ 547 &:= 1^1 + 10^2 + 11^2 + 14^0 + 18^2 = 11 + 102 + 112 + 140 + 182 \\ 547 &:= 1^1 + 2^2 + 10^2 + 20^0 + 21^2 = 11 + 22 + 102 + 200 + 212 \\ 547 &:= 1^1 + 2^3 + 8^1 + 20^0 + 23^2 = 11 + 23 + 81 + 200 + 232 \\ 547 &:= 1^1 + 3^2 + 8^3 + 18^0 + 24^1 = 11 + 32 + 83 + 180 + 241 \\ 547 &:= 1^1 + 4^2 + 8^3 + 17^1 + 24^0 = 11 + 42 + 83 + 171 + 240 \\ 547 &:= 1^1 + 5^1 + 6^3 + 18^2 + 24^0 = 11 + 51 + 63 + 182 + 240 \\ 547 &:= 1^1 + 5^2 + 14^2 + 16^0 + 18^2 = 11 + 52 + 142 + 160 + 182 \\ 547 &:= 1^1 + 5^2 + 6^2 + 20^0 + 22^2 = 11 + 52 + 62 + 200 + 222 \\ 547 &:= 1^1 + 5^3 + 8^0 + 20^1 + 20^2 = 11 + 53 + 80 + 201 + 202 \\ 547 &:= 1^1 + 6^1 + 7^3 + 14^2 + 26^0 = 11 + 61 + 73 + 142 + 260 \\ 547 &:= 1^1 + 8^2 + 14^0 + 15^2 + 16^2 = 11 + 82 + 140 + 152 + 162 \\ 547 &:= 1^1 + 8^2 + 9^2 + 16^0 + 20^2 = 11 + 82 + 92 + 160 + 202 \\ 547 &:= 1^2 + 1^2 + 14^0 + 15^1 + 23^2 = 12 + 12 + 140 + 151 + 232 \\ 547 &:= 1^2 + 2^2 + 12^1 + 16^0 + 23^2 = 12 + 22 + 121 + 160 + 232 \\ 547 &:= 1^2 + 2^8 + 3^5 + 20^1 + 27^1 = 12 + 28 + 35 + 201 + 271 \\ 547 &:= 1^2 + 2^8 + 3^5 + 21^1 + 26^1 = 12 + 28 + 35 + 211 + 261 \\ 547 &:= 1^2 + 2^8 + 3^5 + 22^1 + 25^1 = 12 + 28 + 35 + 221 + 251 \\ 547 &:= 1^2 + 2^8 + 3^5 + 23^1 + 24^1 = 12 + 28 + 35 + 231 + 241 \\ 547 &:= 1^2 + 3^2 + 7^1 + 20^0 + 23^2 = 12 + 32 + 71 + 200 + 232 \\ 547 &:= 1^2 + 4^1 + 10^2 + 18^0 + 21^2 = 12 + 41 + 102 + 180 + 212 \\ 547 &:= 1^2 + 6^0 + 13^2 + 15^1 + 19^2 = 12 + 60 + 132 + 151 + 192 \\ 547 &:= 1^2 + 6^1 + 8^3 + 12^0 + 27^1 = 12 + 61 + 83 + 120 + 271 \\ 547 &:= 1^2 + 7^1 + 8^3 + 12^0 + 26^1 = 12 + 71 + 83 + 120 + 261 \\ 547 &:= 1^2 + 7^2 + 12^0 + 12^1 + 22^2 = 12 + 72 + 120 + 121 + 222 \\ 547 &:= 1^2 + 8^1 + 8^3 + 12^0 + 25^1 = 12 + 81 + 83 + 120 + 251 \\ 547 &:= 1^2 + 8^3 + 10^1 + 12^0 + 23^1 = 12 + 83 + 101 + 120 + 231 \\ 547 &:= 1^2 + 8^3 + 11^1 + 12^0 + 22^1 = 12 + 83 + 111 + 120 + 221 \\ 547 &:= 1^2 + 8^3 + 12^0 + 12^1 + 21^1 = 12 + 83 + 120 + 121 + 211 \\ 547 &:= 1^2 + 8^3 + 12^0 + 13^1 + 20^1 = 12 + 83 + 120 + 131 + 201 \\ 547 &:= 1^2 + 8^3 + 12^0 + 14^1 + 19^1 = 12 + 83 + 120 + 141 + 191 \\ 547 &:= 1^2 + 8^3 + 12^0 + 15^1 + 18^1 = 12 + 83 + 120 + 151 + 181 \\ 547 &:= 1^2 + 8^3 + 12^0 + 16^1 + 17^1 = 12 + 83 + 120 + 161 + 171 \\ 547 &:= 1^2 + 8^3 + 9^1 + 12^0 + 24^1 = 12 + 83 + 91 + 120 + 241 \\ 547 &:= 1^3 + 10^0 + 11^0 + 12^2 + 20^2 = 13 + 100 + 110 + 122 + 202 \\ 547 &:= 1^3 + 2^0 + 12^2 + 19^0 + 20^2 = 13 + 20 + 122 + 190 + 202 \\ 547 &:= 1^3 + 2^1 + 14^0 + 14^1 + 23^2 = 13 + 21 + 140 + 141 + 232 \end{aligned}$$

$$\begin{aligned} 547 &:= 1^3 + 2^5 + 2^9 + 21^0 + 27^0 = 13 + 25 + 29 + 210 + 270 \\ 547 &:= 1^3 + 2^5 + 2^9 + 22^0 + 26^0 = 13 + 25 + 29 + 220 + 260 \\ 547 &:= 1^3 + 2^5 + 2^9 + 23^0 + 25^0 = 13 + 25 + 29 + 230 + 250 \\ 547 &:= 1^3 + 2^5 + 2^9 + 24^0 + 24^0 = 13 + 25 + 29 + 240 + 240 \\ 547 &:= 1^3 + 3^0 + 12^2 + 18^0 + 20^2 = 13 + 30 + 122 + 180 + 202 \\ 547 &:= 1^3 + 3^1 + 13^1 + 14^0 + 23^2 = 13 + 31 + 131 + 140 + 232 \\ 547 &:= 1^3 + 4^0 + 12^2 + 17^0 + 20^2 = 13 + 40 + 122 + 170 + 202 \\ 547 &:= 1^3 + 4^1 + 12^1 + 14^0 + 23^2 = 13 + 41 + 121 + 140 + 232 \\ 547 &:= 1^3 + 5^0 + 12^2 + 16^0 + 20^2 = 13 + 50 + 122 + 160 + 202 \\ 547 &:= 1^3 + 5^1 + 11^1 + 14^0 + 23^2 = 13 + 51 + 111 + 140 + 232 \\ 547 &:= 1^3 + 6^0 + 12^2 + 15^0 + 20^2 = 13 + 60 + 122 + 150 + 202 \\ 547 &:= 1^3 + 6^1 + 10^1 + 14^0 + 23^2 = 13 + 61 + 101 + 140 + 232 \\ 547 &:= 1^3 + 7^0 + 12^2 + 14^0 + 20^2 = 13 + 70 + 122 + 140 + 202 \\ 547 &:= 1^3 + 7^1 + 9^1 + 14^0 + 23^2 = 13 + 71 + 91 + 140 + 232 \\ 547 &:= 1^3 + 8^0 + 12^2 + 13^0 + 20^2 = 13 + 80 + 122 + 130 + 202 \\ 547 &:= 1^3 + 8^1 + 8^1 + 14^0 + 23^2 = 13 + 81 + 81 + 140 + 232 \\ 547 &:= 1^3 + 9^0 + 12^0 + 12^2 + 20^2 = 13 + 90 + 120 + 122 + 202 \\ 547 &:= 1^4 + 1^9 + 12^2 + 19^0 + 20^2 = 14 + 19 + 122 + 190 + 202 \\ 547 &:= 1^4 + 2^0 + 13^0 + 15^1 + 23^2 = 14 + 20 + 130 + 151 + 232 \\ 547 &:= 1^4 + 2^3 + 2^9 + 23^0 + 25^1 = 14 + 23 + 29 + 230 + 251 \\ 547 &:= 1^4 + 3^0 + 12^0 + 15^1 + 23^2 = 14 + 30 + 120 + 151 + 232 \\ 547 &:= 1^4 + 4^0 + 11^0 + 15^1 + 23^2 = 14 + 40 + 110 + 151 + 232 \\ 547 &:= 1^4 + 5^0 + 10^0 + 15^1 + 23^2 = 14 + 50 + 100 + 151 + 232 \\ 547 &:= 1^4 + 6^0 + 9^0 + 15^1 + 23^2 = 14 + 60 + 90 + 151 + 232 \\ 547 &:= 1^4 + 7^0 + 8^0 + 15^1 + 23^2 = 14 + 70 + 80 + 151 + 232 \\ 547 &:= 1^5 + 1^8 + 12^2 + 19^0 + 20^2 = 15 + 18 + 122 + 190 + 202 \\ 547 &:= 1^5 + 1^9 + 13^0 + 15^1 + 23^2 = 15 + 19 + 130 + 151 + 232 \\ 547 &:= 1^5 + 2^6 + 3^4 + 20^2 + 27^0 = 15 + 26 + 34 + 202 + 270 \\ 547 &:= 1^5 + 2^8 + 10^1 + 16^2 + 24^1 = 15 + 28 + 101 + 162 + 241 \\ 547 &:= 1^5 + 2^8 + 11^1 + 16^2 + 23^1 = 15 + 28 + 111 + 162 + 231 \\ 547 &:= 1^5 + 2^8 + 12^1 + 16^2 + 22^1 = 15 + 28 + 121 + 162 + 221 \\ 547 &:= 1^5 + 2^8 + 13^1 + 16^2 + 21^1 = 15 + 28 + 131 + 162 + 211 \\ 547 &:= 1^5 + 2^8 + 14^1 + 16^2 + 20^1 = 15 + 28 + 141 + 162 + 201 \\ 547 &:= 1^5 + 2^8 + 15^1 + 16^2 + 19^1 = 15 + 28 + 151 + 162 + 191 \\ 547 &:= 1^5 + 2^8 + 16^1 + 16^2 + 18^1 = 15 + 28 + 161 + 162 + 181 \\ 547 &:= 1^5 + 2^8 + 16^2 + 17^1 + 17^1 = 15 + 28 + 162 + 171 + 171 \\ 547 &:= 1^5 + 2^8 + 7^1 + 16^2 + 27^1 = 15 + 28 + 71 + 162 + 271 \\ 547 &:= 1^5 + 2^8 + 8^1 + 16^2 + 26^1 = 15 + 28 + 81 + 162 + 261 \end{aligned}$$

$$\begin{array}{ll}
 547 := 1^5 + 2^8 + 8^2 + 15^2 + 27^0 & = 15 + 28 + 82 + 152 + 270 \\
 547 := 1^5 + 2^8 + 9^1 + 16^2 + 25^1 & = 15 + 28 + 91 + 162 + 251 \\
 547 := 1^5 + 2^9 + 3^2 + 23^0 + 24^1 & = 15 + 29 + 32 + 230 + 241 \\
 547 := 1^6 + 1^7 + 12^2 + 19^0 + 20^2 & = 16 + 17 + 122 + 190 + 202 \\
 547 := 1^6 + 1^8 + 13^0 + 15^1 + 23^2 & = 16 + 18 + 130 + 151 + 232 \\
 547 := 1^6 + 2^6 + 10^2 + 19^2 + 21^1 & = 16 + 26 + 102 + 192 + 211 \\
 547 := 1^6 + 2^6 + 4^2 + 21^2 + 25^1 & = 16 + 26 + 42 + 212 + 251 \\
 547 := 1^6 + 2^9 + 10^1 + 17^0 + 23^1 & = 16 + 29 + 101 + 170 + 231 \\
 547 := 1^6 + 2^9 + 11^1 + 17^0 + 22^1 & = 16 + 29 + 111 + 170 + 221 \\
 547 := 1^6 + 2^9 + 12^1 + 17^0 + 21^1 & = 16 + 29 + 121 + 170 + 211 \\
 547 := 1^6 + 2^9 + 13^1 + 17^0 + 20^1 & = 16 + 29 + 131 + 170 + 201 \\
 547 := 1^6 + 2^9 + 14^1 + 17^0 + 19^1 & = 16 + 29 + 141 + 170 + 191 \\
 547 := 1^6 + 2^9 + 15^1 + 17^0 + 18^1 & = 16 + 29 + 151 + 170 + 181 \\
 547 := 1^6 + 2^9 + 16^1 + 17^0 + 17^1 & = 16 + 29 + 161 + 170 + 171 \\
 547 := 1^6 + 2^9 + 6^1 + 17^0 + 27^1 & = 16 + 29 + 61 + 170 + 271 \\
 547 := 1^6 + 2^9 + 7^1 + 17^0 + 26^1 & = 16 + 29 + 71 + 170 + 261 \\
 547 := 1^6 + 2^9 + 8^1 + 17^0 + 25^1 & = 16 + 29 + 81 + 170 + 251 \\
 547 := 1^6 + 2^9 + 9^1 + 17^0 + 24^1 & = 16 + 29 + 91 + 170 + 241 \\
 547 := 1^7 + 1^7 + 13^0 + 15^1 + 23^2 & = 17 + 17 + 130 + 151 + 232 \\
 547 := 1^7 + 2^2 + 2^5 + 22^2 + 26^1 & = 17 + 22 + 25 + 222 + 261 \\
 547 := 1^7 + 2^4 + 4^3 + 21^2 + 25^1 & = 17 + 24 + 43 + 212 + 251 \\
 547 := 1^7 + 2^6 + 15^2 + 16^2 + 19^0 & = 17 + 26 + 152 + 162 + 190 \\
 547 := 1^7 + 2^6 + 9^2 + 20^2 + 21^0 & = 17 + 26 + 92 + 202 + 210 \\
 547 := 1^7 + 2^7 + 13^0 + 17^1 + 20^2 & = 17 + 27 + 130 + 171 + 202 \\
 547 := 1^7 + 3^5 + 9^2 + 14^2 + 26^1 & = 17 + 35 + 92 + 142 + 261 \\
 547 := 1^8 + 2^4 + 16^2 + 16^2 + 18^1 & = 18 + 24 + 162 + 162 + 181 \\
 547 := 1^8 + 3^4 + 11^2 + 18^2 + 20^1 & = 18 + 34 + 112 + 182 + 201 \\
 547 := 1^8 + 3^4 + 4^3 + 20^2 + 25^0 & = 18 + 34 + 43 + 202 + 250 \\
 547 := 1^8 + 4^4 + 11^2 + 12^2 + 25^1 & = 18 + 44 + 112 + 122 + 251 \\
 547 := 1^9 + 2^3 + 14^2 + 18^1 + 18^2 & = 19 + 23 + 142 + 181 + 182 \\
 547 := 1^9 + 2^3 + 2^3 + 23^2 + 25^0 & = 19 + 23 + 23 + 232 + 250 \\
 547 := 1^9 + 2^4 + 8^3 + 17^1 + 25^0 & = 19 + 24 + 83 + 171 + 250 \\
 547 := 1^9 + 2^5 + 8^3 + 15^0 + 27^0 & = 19 + 25 + 83 + 150 + 270 \\
 547 := 1^9 + 2^5 + 8^3 + 16^0 + 26^0 & = 19 + 25 + 83 + 160 + 260 \\
 547 := 1^9 + 2^5 + 8^3 + 17^0 + 25^0 & = 19 + 25 + 83 + 170 + 250 \\
 547 := 1^9 + 2^5 + 8^3 + 18^0 + 24^0 & = 19 + 25 + 83 + 180 + 240 \\
 547 := 1^9 + 2^5 + 8^3 + 19^0 + 23^0 & = 19 + 25 + 83 + 190 + 230 \\
 547 := 1^9 + 2^5 + 8^3 + 20^0 + 22^0 & = 19 + 25 + 83 + 200 + 220 \\
 547 := 1^9 + 2^5 + 8^3 + 21^0 + 21^0 & = 19 + 25 + 83 + 210 + 210 \\
 547 := 1^9 + 3^3 + 10^2 + 19^1 + 20^2 & = 19 + 33 + 102 + 191 + 202 \\
 547 := 1^9 + 3^4 + 8^2 + 20^2 + 21^0 & = 19 + 34 + 82 + 202 + 210 \\
 547 := 1^9 + 3^5 + 13^1 + 17^2 + 19^0 & = 19 + 35 + 131 + 172 + 190 \\
 547 := 1^9 + 4^2 + 6^3 + 17^2 + 25^1 & = 19 + 42 + 63 + 172 + 251 \\
 547 := 1^9 + 4^4 + 8^2 + 15^2 + 25^0 & = 19 + 44 + 82 + 152 + 250 \\
 547 := 2^0 + 10^2 + 12^2 + 13^1 + 17^2 & = 20 + 102 + 122 + 131 + 172 \\
 547 := 2^0 + 12^1 + 13^2 + 13^2 + 14^2 & = 20 + 121 + 132 + 132 + 142 \\
 547 := 2^0 + 2^2 + 6^2 + 22^1 + 22^2 & = 20 + 22 + 62 + 221 + 222 \\
 547 := 2^0 + 2^2 + 9^2 + 20^1 + 21^2 & = 20 + 22 + 92 + 201 + 212 \\
 547 := 2^0 + 2^3 + 8^3 + 17^0 + 25^1 & = 20 + 23 + 83 + 170 + 251 \\
 547 := 2^0 + 3^2 + 14^2 + 17^1 + 18^2 & = 20 + 32 + 142 + 171 + 182 \\
 547 := 2^0 + 3^4 + 5^0 + 21^2 + 23^1 & = 20 + 34 + 50 + 212 + 231 \\
 547 := 2^0 + 4^2 + 15^2 + 16^1 + 17^2 & = 20 + 42 + 152 + 161 + 172 \\
 547 := 2^0 + 4^2 + 5^2 + 21^1 + 22^2 & = 20 + 42 + 52 + 211 + 222 \\
 547 := 2^0 + 4^3 + 15^2 + 16^2 + 17^0 & = 20 + 43 + 152 + 162 + 170 \\
 547 := 2^0 + 4^3 + 9^2 + 19^0 + 20^2 & = 20 + 43 + 92 + 190 + 202 \\
 547 := 2^0 + 5^2 + 12^2 + 16^1 + 19^2 & = 20 + 52 + 122 + 161 + 192 \\
 547 := 2^0 + 7^2 + 11^2 + 15^1 + 19^2 & = 20 + 72 + 112 + 151 + 192 \\
 547 := 2^0 + 7^2 + 9^2 + 16^1 + 20^2 & = 20 + 72 + 92 + 161 + 202 \\
 547 := 2^0 + 7^3 + 9^2 + 11^2 + 25^0 & = 20 + 73 + 92 + 112 + 250 \\
 547 := 2^0 + 8^2 + 12^2 + 14^1 + 18^2 & = 20 + 82 + 122 + 141 + 182 \\
 547 := 2^0 + 9^2 + 13^1 + 14^2 + 16^2 & = 20 + 92 + 131 + 142 + 162 \\
 547 := 2^1 + 12^0 + 12^2 + 12^2 + 16^2 & = 21 + 120 + 122 + 122 + 162 \\
 547 := 2^1 + 2^3 + 7^1 + 20^0 + 23^2 & = 21 + 23 + 71 + 200 + 232 \\
 547 := 2^1 + 3^2 + 8^3 + 18^0 + 23^1 & = 21 + 32 + 83 + 180 + 231 \\
 547 := 2^1 + 4^1 + 6^3 + 18^2 + 24^0 & = 21 + 41 + 63 + 182 + 240 \\
 547 := 2^1 + 4^2 + 8^3 + 16^1 + 24^0 & = 21 + 42 + 83 + 161 + 240 \\
 547 := 2^1 + 5^1 + 7^3 + 14^2 + 26^0 & = 21 + 51 + 73 + 142 + 260 \\
 547 := 2^1 + 5^3 + 8^0 + 19^1 + 20^2 & = 21 + 53 + 80 + 191 + 202 \\
 547 := 2^2 + 2^2 + 9^1 + 18^0 + 23^2 & = 22 + 22 + 91 + 180 + 232 \\
 547 := 2^2 + 3^1 + 8^3 + 14^0 + 27^1 & = 22 + 31 + 83 + 140 + 271 \\
 547 := 2^2 + 3^2 + 4^1 + 22^0 + 23^2 & = 22 + 32 + 41 + 220 + 232 \\
 547 := 2^2 + 4^1 + 8^3 + 14^0 + 26^1 & = 22 + 41 + 83 + 140 + 261 \\
 547 := 2^2 + 5^1 + 8^3 + 14^0 + 25^1 & = 22 + 51 + 83 + 140 + 251 \\
 547 := 2^2 + 6^1 + 8^3 + 14^0 + 24^1 & = 22 + 61 + 83 + 140 + 241 \\
 547 := 2^2 + 7^1 + 8^3 + 14^0 + 23^1 & = 22 + 71 + 83 + 140 + 231 \\
 547 := 2^2 + 7^2 + 9^1 + 14^0 + 22^2 & = 22 + 72 + 91 + 140 + 222
 \end{array}$$

$$\begin{aligned} 547 &:= 2^2 + 8^0 + 12^1 + 13^2 + 19^2 = 22 + 80 + 121 + 132 + 192 & 547 &:= 2^6 + 2^7 + 15^1 + 16^1 + 18^2 = 26 + 27 + 151 + 161 + 182 \\ 547 &:= 2^2 + 8^1 + 8^3 + 14^0 + 22^1 = 22 + 81 + 83 + 140 + 221 & 547 &:= 2^6 + 2^7 + 4^1 + 18^2 + 27^1 = 26 + 27 + 41 + 182 + 271 \\ 547 &:= 2^2 + 8^3 + 10^1 + 14^0 + 20^1 = 22 + 83 + 101 + 140 + 201 & 547 &:= 2^6 + 2^7 + 5^1 + 18^2 + 26^1 = 26 + 27 + 51 + 182 + 261 \\ 547 &:= 2^2 + 8^3 + 11^1 + 14^0 + 19^1 = 22 + 83 + 111 + 140 + 191 & 547 &:= 2^6 + 2^7 + 6^1 + 18^2 + 25^1 = 26 + 27 + 61 + 182 + 251 \\ 547 &:= 2^2 + 8^3 + 12^1 + 14^0 + 18^1 = 22 + 83 + 121 + 140 + 181 & 547 &:= 2^6 + 2^7 + 7^1 + 18^2 + 24^1 = 26 + 27 + 71 + 182 + 241 \\ 547 &:= 2^2 + 8^3 + 13^1 + 14^0 + 17^1 = 22 + 83 + 131 + 140 + 171 & 547 &:= 2^6 + 2^7 + 8^1 + 18^2 + 23^1 = 26 + 27 + 81 + 182 + 231 \\ 547 &:= 2^2 + 8^3 + 14^0 + 14^1 + 16^1 = 22 + 83 + 140 + 141 + 161 & 547 &:= 2^6 + 2^7 + 9^1 + 18^2 + 22^1 = 26 + 27 + 91 + 182 + 221 \\ 547 &:= 2^2 + 8^3 + 14^0 + 15^1 + 15^1 = 22 + 83 + 140 + 151 + 151 & 547 &:= 2^8 + 3^3 + 3^5 + 20^1 + 25^0 = 28 + 33 + 35 + 201 + 250 \\ 547 &:= 2^2 + 8^3 + 9^1 + 14^0 + 21^1 = 22 + 83 + 91 + 140 + 211 & 547 &:= 3^0 + 3^4 + 4^0 + 21^2 + 23^1 = 30 + 34 + 40 + 212 + 231 \\ 547 &:= 2^3 + 3^0 + 8^3 + 16^0 + 25^1 = 23 + 30 + 83 + 160 + 251 & 547 &:= 3^0 + 4^3 + 15^2 + 16^0 + 16^2 = 30 + 43 + 152 + 160 + 162 \\ 547 &:= 2^3 + 3^1 + 6^1 + 20^0 + 23^2 = 23 + 31 + 61 + 200 + 232 & 547 &:= 3^0 + 4^3 + 9^2 + 18^0 + 20^2 = 30 + 43 + 92 + 180 + 202 \\ 547 &:= 2^3 + 4^0 + 8^3 + 15^0 + 25^1 = 23 + 40 + 83 + 150 + 251 & 547 &:= 3^0 + 7^3 + 9^2 + 11^2 + 24^0 = 30 + 73 + 92 + 112 + 240 \\ 547 &:= 2^3 + 4^1 + 5^1 + 20^0 + 23^2 = 23 + 41 + 51 + 200 + 232 & 547 &:= 3^1 + 3^1 + 6^3 + 18^2 + 24^0 = 31 + 31 + 63 + 182 + 240 \\ 547 &:= 2^3 + 5^0 + 8^3 + 14^0 + 25^1 = 23 + 50 + 83 + 140 + 251 & 547 &:= 3^1 + 3^2 + 8^3 + 18^0 + 22^1 = 31 + 32 + 83 + 180 + 221 \\ 547 &:= 2^3 + 6^0 + 8^3 + 13^0 + 25^1 = 23 + 60 + 83 + 130 + 251 & 547 &:= 3^1 + 4^1 + 7^3 + 14^2 + 26^0 = 31 + 41 + 73 + 142 + 260 \\ 547 &:= 2^3 + 7^0 + 8^3 + 12^0 + 25^1 = 23 + 70 + 83 + 120 + 251 & 547 &:= 3^1 + 4^2 + 8^3 + 15^1 + 24^0 = 31 + 42 + 83 + 151 + 240 \\ 547 &:= 2^3 + 8^0 + 8^3 + 11^0 + 25^1 = 23 + 80 + 83 + 110 + 251 & 547 &:= 3^1 + 5^3 + 8^0 + 18^1 + 20^2 = 31 + 53 + 80 + 181 + 202 \\ 547 &:= 2^3 + 8^3 + 9^0 + 10^0 + 25^1 = 23 + 83 + 90 + 100 + 251 & 547 &:= 3^2 + 4^0 + 11^2 + 16^1 + 20^2 = 32 + 40 + 112 + 161 + 202 \\ 547 &:= 2^4 + 2^5 + 2^5 + 21^2 + 26^1 = 24 + 25 + 25 + 212 + 261 & 547 &:= 3^2 + 4^1 + 7^2 + 18^0 + 22^2 = 32 + 41 + 72 + 180 + 222 \\ 547 &:= 2^4 + 2^8 + 4^4 + 18^1 + 27^0 = 24 + 28 + 44 + 181 + 270 & 547 &:= 3^2 + 4^1 + 8^3 + 18^0 + 21^1 = 32 + 41 + 83 + 180 + 211 \\ 547 &:= 2^5 + 2^6 + 4^3 + 19^2 + 26^1 = 25 + 26 + 43 + 192 + 261 & 547 &:= 3^2 + 5^1 + 8^3 + 18^0 + 20^1 = 32 + 51 + 83 + 180 + 201 \\ 547 &:= 2^5 + 2^7 + 13^2 + 14^2 + 22^1 = 25 + 27 + 132 + 142 + 221 & 547 &:= 3^2 + 6^0 + 6^2 + 17^1 + 22^2 = 32 + 60 + 62 + 171 + 222 \\ 547 &:= 2^5 + 2^8 + 10^1 + 15^2 + 24^1 = 25 + 28 + 101 + 152 + 241 & 547 &:= 3^2 + 6^0 + 9^2 + 15^1 + 21^2 = 32 + 60 + 92 + 151 + 212 \\ 547 &:= 2^5 + 2^8 + 11^1 + 15^2 + 23^1 = 25 + 28 + 111 + 152 + 231 & 547 &:= 3^2 + 6^1 + 8^3 + 18^0 + 19^1 = 32 + 61 + 83 + 180 + 191 \\ 547 &:= 2^5 + 2^8 + 12^1 + 15^2 + 22^1 = 25 + 28 + 121 + 152 + 221 & 547 &:= 3^2 + 7^1 + 12^0 + 13^2 + 19^2 = 32 + 71 + 120 + 132 + 192 \\ 547 &:= 2^5 + 2^8 + 13^1 + 15^2 + 21^1 = 25 + 28 + 131 + 152 + 211 & 547 &:= 3^2 + 7^1 + 8^3 + 18^0 + 18^1 = 32 + 71 + 83 + 180 + 181 \\ 547 &:= 2^5 + 2^8 + 14^1 + 15^2 + 20^1 = 25 + 28 + 141 + 152 + 201 & 547 &:= 3^2 + 8^1 + 8^3 + 17^1 + 18^0 = 32 + 81 + 83 + 171 + 180 \\ 547 &:= 2^5 + 2^8 + 15^1 + 15^2 + 19^1 = 25 + 28 + 151 + 152 + 191 & 547 &:= 3^2 + 8^3 + 10^1 + 15^1 + 18^0 = 32 + 83 + 101 + 151 + 180 \\ 547 &:= 2^5 + 2^8 + 15^2 + 16^1 + 18^1 = 25 + 28 + 152 + 161 + 181 & 547 &:= 3^2 + 8^3 + 11^1 + 14^1 + 18^0 = 32 + 83 + 111 + 141 + 180 \\ 547 &:= 2^5 + 2^8 + 15^2 + 17^1 + 17^1 = 25 + 28 + 152 + 171 + 171 & 547 &:= 3^2 + 8^3 + 12^1 + 13^1 + 18^0 = 32 + 83 + 121 + 131 + 180 \\ 547 &:= 2^5 + 2^8 + 7^1 + 15^2 + 27^1 = 25 + 28 + 71 + 152 + 271 & 547 &:= 3^2 + 8^3 + 9^1 + 16^1 + 18^0 = 32 + 83 + 91 + 161 + 180 \\ 547 &:= 2^5 + 2^8 + 8^1 + 15^2 + 26^1 = 25 + 28 + 81 + 152 + 261 & 547 &:= 3^3 + 6^1 + 8^3 + 10^0 + 27^0 = 33 + 61 + 83 + 100 + 270 \\ 547 &:= 2^5 + 2^8 + 9^1 + 15^2 + 25^1 = 25 + 28 + 91 + 152 + 251 & 547 &:= 3^3 + 6^1 + 8^3 + 11^0 + 26^0 = 33 + 61 + 83 + 110 + 260 \\ 547 &:= 2^6 + 2^7 + 10^1 + 18^2 + 21^1 = 26 + 27 + 101 + 182 + 211 & 547 &:= 3^3 + 6^1 + 8^3 + 12^0 + 25^0 = 33 + 61 + 83 + 120 + 250 \\ 547 &:= 2^6 + 2^7 + 11^1 + 18^2 + 20^1 = 26 + 27 + 111 + 182 + 201 & 547 &:= 3^3 + 6^1 + 8^3 + 13^0 + 24^0 = 33 + 61 + 83 + 130 + 240 \\ 547 &:= 2^6 + 2^7 + 12^1 + 18^2 + 19^1 = 26 + 27 + 121 + 182 + 191 & 547 &:= 3^3 + 6^1 + 8^3 + 14^0 + 23^0 = 33 + 61 + 83 + 140 + 230 \\ 547 &:= 2^6 + 2^7 + 13^1 + 18^1 + 18^2 = 26 + 27 + 131 + 181 + 182 & 547 &:= 3^3 + 6^1 + 8^3 + 15^0 + 22^0 = 33 + 61 + 83 + 150 + 220 \\ 547 &:= 2^6 + 2^7 + 14^1 + 17^1 + 18^2 = 26 + 27 + 141 + 171 + 182 & 547 &:= 3^3 + 6^1 + 8^3 + 16^0 + 21^0 = 33 + 61 + 83 + 160 + 210 \end{aligned}$$

$547 := 3^3 + 6^1 + 8^3 + 17^0 + 20^0 = 33 + 61 + 83 + 170 + 200$	$547 := 4^3 + 8^0 + 9^2 + 13^0 + 20^2 = 43 + 80 + 92 + 130 + 202$
$547 := 3^3 + 6^1 + 8^3 + 18^0 + 19^0 = 33 + 61 + 83 + 180 + 190$	$547 := 4^3 + 9^0 + 10^0 + 15^2 + 16^2 = 43 + 90 + 100 + 152 + 162$
$547 := 4^0 + 10^1 + 12^2 + 14^2 + 14^2 = 40 + 101 + 122 + 142 + 142$	$547 := 4^3 + 9^0 + 9^2 + 12^0 + 20^2 = 43 + 90 + 92 + 120 + 202$
$547 := 4^0 + 4^3 + 15^0 + 15^2 + 16^2 = 40 + 43 + 150 + 152 + 162$	$547 := 4^3 + 9^2 + 10^0 + 11^0 + 20^2 = 43 + 92 + 100 + 110 + 202$
$547 := 4^0 + 4^3 + 9^2 + 17^0 + 20^2 = 40 + 43 + 92 + 170 + 202$	$547 := 5^0 + 7^3 + 9^2 + 11^2 + 22^0 = 50 + 73 + 92 + 112 + 220$
$547 := 4^0 + 5^2 + 8^2 + 16^1 + 21^2 = 40 + 52 + 82 + 161 + 212$	$547 := 5^1 + 5^3 + 8^0 + 16^1 + 20^2 = 51 + 53 + 80 + 161 + 202$
$547 := 4^0 + 7^2 + 12^1 + 14^2 + 17^2 = 40 + 72 + 121 + 142 + 172$	$547 := 5^1 + 6^2 + 12^0 + 12^2 + 19^2 = 51 + 62 + 120 + 122 + 192$
$547 := 4^0 + 7^3 + 9^2 + 11^2 + 23^0 = 40 + 73 + 92 + 112 + 230$	$547 := 5^1 + 6^2 + 8^2 + 14^0 + 21^2 = 51 + 62 + 82 + 140 + 212$
$547 := 4^1 + 10^0 + 11^2 + 14^2 + 15^2 = 41 + 100 + 112 + 142 + 152$	$547 := 5^2 + 5^2 + 10^0 + 12^1 + 22^2 = 52 + 52 + 100 + 121 + 222$
$547 := 4^1 + 4^2 + 8^3 + 14^1 + 24^0 = 41 + 42 + 83 + 141 + 240$	$547 := 5^2 + 7^1 + 10^0 + 15^2 + 17^2 = 52 + 71 + 100 + 152 + 172$
$547 := 4^1 + 5^3 + 8^0 + 17^1 + 20^2 = 41 + 53 + 80 + 171 + 202$	$547 := 5^2 + 8^0 + 9^1 + 16^2 + 16^2 = 52 + 80 + 91 + 162 + 162$
$547 := 4^1 + 7^2 + 12^0 + 13^2 + 18^2 = 41 + 72 + 120 + 132 + 182$	$547 := 5^3 + 6^1 + 8^0 + 15^1 + 20^2 = 53 + 61 + 80 + 151 + 202$
$547 := 4^1 + 9^2 + 10^2 + 12^0 + 19^2 = 41 + 92 + 102 + 120 + 192$	$547 := 5^3 + 7^1 + 8^0 + 14^1 + 20^2 = 53 + 71 + 80 + 141 + 202$
$547 := 4^2 + 5^1 + 8^3 + 13^1 + 24^0 = 42 + 51 + 83 + 131 + 240$	$547 := 5^3 + 8^0 + 10^1 + 11^1 + 20^2 = 53 + 80 + 101 + 111 + 202$
$547 := 4^2 + 6^1 + 8^3 + 12^1 + 24^0 = 42 + 61 + 83 + 121 + 240$	$547 := 5^3 + 8^0 + 8^1 + 13^1 + 20^2 = 53 + 80 + 81 + 131 + 202$
$547 := 4^2 + 6^2 + 10^1 + 12^0 + 22^2 = 42 + 62 + 101 + 120 + 222$	$547 := 5^3 + 8^0 + 9^1 + 12^1 + 20^2 = 53 + 80 + 91 + 121 + 202$
$547 := 4^2 + 7^1 + 8^3 + 11^1 + 24^0 = 42 + 71 + 83 + 111 + 240$	$547 := 6^0 + 7^3 + 9^2 + 11^2 + 21^0 = 60 + 73 + 92 + 112 + 210$
$547 := 4^2 + 8^0 + 10^1 + 14^2 + 18^2 = 42 + 80 + 101 + 142 + 182$	$547 := 6^0 + 8^1 + 12^2 + 13^2 + 15^2 = 60 + 81 + 122 + 132 + 152$
$547 := 4^2 + 8^1 + 8^3 + 10^1 + 24^0 = 42 + 81 + 83 + 101 + 240$	$547 := 6^2 + 8^0 + 10^1 + 10^2 + 20^2 = 62 + 80 + 101 + 102 + 202$
$547 := 4^2 + 8^1 + 9^2 + 12^0 + 21^2 = 42 + 81 + 92 + 120 + 212$	$547 := 7^0 + 7^3 + 9^2 + 11^2 + 20^0 = 70 + 73 + 92 + 112 + 200$
$547 := 4^2 + 8^3 + 9^1 + 9^1 + 24^0 = 42 + 83 + 91 + 91 + 240$	$547 := 7^1 + 7^2 + 7^2 + 12^0 + 21^2 = 71 + 72 + 72 + 120 + 212$
$547 := 4^2 + 9^1 + 10^0 + 11^2 + 20^2 = 42 + 91 + 100 + 112 + 202$	$547 := 7^1 + 8^0 + 9^2 + 13^2 + 17^2 = 71 + 80 + 92 + 132 + 172$
$547 := 4^3 + 5^0 + 14^0 + 15^2 + 16^2 = 43 + 50 + 140 + 152 + 162$	$547 := 7^3 + 8^0 + 9^2 + 11^2 + 19^0 = 73 + 80 + 92 + 112 + 190$
$547 := 4^3 + 5^0 + 9^2 + 16^0 + 20^2 = 43 + 50 + 92 + 160 + 202$	$547 := 7^3 + 9^0 + 9^2 + 11^2 + 18^0 = 73 + 90 + 92 + 112 + 180$
$547 := 4^3 + 6^0 + 13^0 + 15^2 + 16^2 = 43 + 60 + 130 + 152 + 162$	$547 := 7^3 + 9^2 + 10^0 + 11^2 + 17^0 = 73 + 92 + 100 + 112 + 170$
$547 := 4^3 + 6^0 + 9^2 + 15^0 + 20^2 = 43 + 60 + 92 + 150 + 202$	$547 := 7^3 + 9^2 + 11^0 + 11^2 + 16^0 = 73 + 92 + 110 + 112 + 160$
$547 := 4^3 + 7^0 + 12^0 + 15^2 + 16^2 = 43 + 70 + 120 + 152 + 162$	$547 := 7^3 + 9^2 + 11^2 + 12^0 + 15^0 = 73 + 92 + 112 + 120 + 150$
$547 := 4^3 + 7^0 + 9^2 + 14^0 + 20^2 = 43 + 70 + 92 + 140 + 202$	$547 := 7^3 + 9^2 + 11^2 + 13^0 + 14^0 = 73 + 92 + 112 + 130 + 140$
$547 := 4^3 + 8^0 + 11^0 + 15^2 + 16^2 = 43 + 80 + 110 + 152 + 162$	

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$548 := 1^4 + 8^3 + 11^0 + 34^1 = 14 + 83 + 110 + 341$	$548 := 2^4 + 8^3 + 19^1 + 25^0 = 24 + 83 + 191 + 250$
$548 := 1^5 + 13^0 + 17^1 + 23^2 = 15 + 130 + 171 + 232$	$548 := 3^3 + 10^2 + 20^2 + 21^1 = 33 + 102 + 202 + 211$
$548 := 1^8 + 2^9 + 16^0 + 34^1 = 18 + 29 + 160 + 341$	$548 := 3^4 + 5^2 + 21^2 + 25^0 = 34 + 52 + 212 + 250$
$548 := 2^2 + 7^3 + 13^2 + 32^1 = 22 + 73 + 132 + 321$	$548 := 3^5 + 15^1 + 17^2 + 19^0 = 35 + 151 + 172 + 190$
$548 := 2^3 + 14^2 + 18^2 + 20^1 = 23 + 142 + 182 + 201$	$548 := 4^2 + 6^3 + 17^2 + 27^1 = 42 + 63 + 172 + 271$
$548 := 2^3 + 7^3 + 14^2 + 31^0 = 23 + 73 + 142 + 310$	$548 := 1^0 + 1^2 + 2^4 + 23^2 + 27^0 = 10 + 12 + 24 + 232 + 270$

$$\begin{aligned} 548 &:= 1^0 + 1^4 + 16^2 + 17^2 + 19^0 = 10 + 14 + 162 + 172 + 190 \\ 548 &:= 1^0 + 1^4 + 4^2 + 23^2 + 25^0 = 10 + 14 + 42 + 232 + 250 \\ 548 &:= 1^0 + 1^5 + 13^0 + 16^1 + 23^2 = 10 + 15 + 130 + 161 + 232 \\ 548 &:= 1^0 + 2^3 + 14^2 + 18^2 + 19^1 = 10 + 23 + 142 + 182 + 191 \\ 548 &:= 1^0 + 2^4 + 13^2 + 19^0 + 19^2 = 10 + 24 + 132 + 190 + 192 \\ 548 &:= 1^0 + 2^4 + 8^3 + 18^1 + 25^0 = 10 + 24 + 83 + 181 + 250 \\ 548 &:= 1^0 + 3^3 + 10^2 + 20^1 + 20^2 = 10 + 33 + 102 + 201 + 202 \\ 548 &:= 1^0 + 3^5 + 14^1 + 17^2 + 19^0 = 10 + 35 + 141 + 172 + 190 \\ 548 &:= 1^0 + 4^2 + 6^3 + 17^2 + 26^1 = 10 + 42 + 63 + 172 + 261 \\ 548 &:= 1^0 + 4^4 + 11^2 + 13^2 + 25^0 = 10 + 44 + 112 + 132 + 250 \\ 548 &:= 1^1 + 1^1 + 2^4 + 23^2 + 27^0 = 11 + 11 + 24 + 232 + 270 \\ 548 &:= 1^1 + 1^3 + 16^2 + 17^2 + 19^0 = 11 + 13 + 162 + 172 + 190 \\ 548 &:= 1^1 + 1^3 + 4^2 + 23^2 + 25^0 = 11 + 13 + 42 + 232 + 250 \\ 548 &:= 1^1 + 1^4 + 13^0 + 16^1 + 23^2 = 11 + 14 + 130 + 161 + 232 \\ 548 &:= 1^1 + 10^2 + 12^2 + 14^1 + 17^2 = 11 + 102 + 122 + 141 + 172 \\ 548 &:= 1^1 + 13^1 + 13^2 + 13^2 + 14^2 = 11 + 131 + 132 + 132 + 142 \\ 548 &:= 1^1 + 2^2 + 6^2 + 22^2 + 23^1 = 11 + 22 + 62 + 222 + 231 \\ 548 &:= 1^1 + 2^2 + 9^2 + 21^1 + 21^2 = 11 + 22 + 92 + 211 + 212 \\ 548 &:= 1^1 + 2^3 + 3^2 + 23^2 + 25^0 = 11 + 23 + 32 + 232 + 250 \\ 548 &:= 1^1 + 2^3 + 8^3 + 17^0 + 26^1 = 11 + 23 + 83 + 170 + 261 \\ 548 &:= 1^1 + 3^2 + 14^2 + 18^1 + 18^2 = 11 + 32 + 142 + 181 + 182 \\ 548 &:= 1^1 + 3^4 + 5^0 + 21^2 + 24^1 = 11 + 34 + 50 + 212 + 241 \\ 548 &:= 1^1 + 4^2 + 15^2 + 17^1 + 17^2 = 11 + 42 + 152 + 171 + 172 \\ 548 &:= 1^1 + 4^2 + 5^2 + 22^1 + 22^2 = 11 + 42 + 52 + 221 + 222 \\ 548 &:= 1^1 + 4^3 + 11^2 + 19^0 + 19^2 = 11 + 43 + 112 + 190 + 192 \\ 548 &:= 1^1 + 5^2 + 12^2 + 17^1 + 19^2 = 11 + 52 + 122 + 171 + 192 \\ 548 &:= 1^1 + 5^3 + 14^2 + 15^2 + 19^0 = 11 + 53 + 142 + 152 + 190 \\ 548 &:= 1^1 + 7^2 + 11^2 + 16^1 + 19^2 = 11 + 72 + 112 + 161 + 192 \\ 548 &:= 1^1 + 7^2 + 9^2 + 17^1 + 20^2 = 11 + 72 + 92 + 171 + 202 \\ 548 &:= 1^1 + 8^2 + 12^2 + 15^1 + 18^2 = 11 + 82 + 122 + 151 + 182 \\ 548 &:= 1^1 + 9^2 + 14^1 + 14^2 + 16^2 = 11 + 92 + 141 + 142 + 162 \\ 548 &:= 1^2 + 1^2 + 16^2 + 17^2 + 19^0 = 12 + 12 + 162 + 172 + 190 \\ 548 &:= 1^2 + 1^2 + 4^2 + 23^2 + 25^0 = 12 + 12 + 42 + 232 + 250 \\ 548 &:= 1^2 + 1^3 + 13^0 + 16^1 + 23^2 = 12 + 13 + 130 + 161 + 232 \\ 548 &:= 1^2 + 11^2 + 13^0 + 13^2 + 16^2 = 12 + 112 + 130 + 132 + 162 \\ 548 &:= 1^2 + 2^0 + 2^4 + 23^2 + 26^0 = 12 + 20 + 24 + 232 + 260 \\ 548 &:= 1^2 + 2^3 + 9^1 + 19^0 + 23^2 = 12 + 23 + 91 + 190 + 232 \\ 548 &:= 1^2 + 2^4 + 10^0 + 18^0 + 23^2 = 12 + 24 + 100 + 180 + 232 \end{aligned}$$

$$\begin{aligned} 548 &:= 1^2 + 2^4 + 11^0 + 17^0 + 23^2 = 12 + 24 + 110 + 170 + 232 \\ 548 &:= 1^2 + 2^4 + 12^0 + 16^0 + 23^2 = 12 + 24 + 120 + 160 + 232 \\ 548 &:= 1^2 + 2^4 + 13^0 + 15^0 + 23^2 = 12 + 24 + 130 + 150 + 232 \\ 548 &:= 1^2 + 2^4 + 14^0 + 14^0 + 23^2 = 12 + 24 + 140 + 140 + 232 \\ 548 &:= 1^2 + 2^4 + 3^0 + 23^2 + 25^0 = 12 + 24 + 30 + 232 + 250 \\ 548 &:= 1^2 + 2^4 + 4^0 + 23^2 + 24^0 = 12 + 24 + 40 + 232 + 240 \\ 548 &:= 1^2 + 2^4 + 5^0 + 23^0 + 23^2 = 12 + 24 + 50 + 230 + 232 \\ 548 &:= 1^2 + 2^4 + 6^0 + 22^0 + 23^2 = 12 + 24 + 60 + 220 + 232 \\ 548 &:= 1^2 + 2^4 + 7^0 + 21^0 + 23^2 = 12 + 24 + 70 + 210 + 232 \\ 548 &:= 1^2 + 2^4 + 8^0 + 20^0 + 23^2 = 12 + 24 + 80 + 200 + 232 \\ 548 &:= 1^2 + 2^4 + 9^0 + 19^0 + 23^2 = 12 + 24 + 90 + 190 + 232 \\ 548 &:= 1^2 + 3^2 + 8^3 + 17^0 + 25^1 = 12 + 32 + 83 + 170 + 251 \\ 548 &:= 1^2 + 4^2 + 13^2 + 17^0 + 19^2 = 12 + 42 + 132 + 170 + 192 \\ 548 &:= 1^2 + 4^2 + 8^3 + 18^1 + 23^0 = 12 + 42 + 83 + 181 + 230 \\ 548 &:= 1^2 + 4^4 + 10^0 + 17^2 + 22^0 = 12 + 44 + 100 + 172 + 220 \\ 548 &:= 1^2 + 4^4 + 11^0 + 17^2 + 21^0 = 12 + 44 + 110 + 172 + 210 \\ 548 &:= 1^2 + 4^4 + 12^0 + 17^2 + 20^0 = 12 + 44 + 120 + 172 + 200 \\ 548 &:= 1^2 + 4^4 + 13^0 + 17^2 + 19^0 = 12 + 44 + 130 + 172 + 190 \\ 548 &:= 1^2 + 4^4 + 14^0 + 17^2 + 18^0 = 12 + 44 + 140 + 172 + 180 \\ 548 &:= 1^2 + 4^4 + 15^0 + 17^0 + 17^2 = 12 + 44 + 150 + 170 + 172 \\ 548 &:= 1^2 + 4^4 + 16^0 + 16^0 + 17^2 = 12 + 44 + 160 + 160 + 172 \\ 548 &:= 1^2 + 4^4 + 5^0 + 17^2 + 27^0 = 12 + 44 + 50 + 172 + 270 \\ 548 &:= 1^2 + 4^4 + 6^0 + 17^2 + 26^0 = 12 + 44 + 60 + 172 + 260 \\ 548 &:= 1^2 + 4^4 + 7^0 + 17^2 + 25^0 = 12 + 44 + 70 + 172 + 250 \\ 548 &:= 1^2 + 4^4 + 8^0 + 17^2 + 24^0 = 12 + 44 + 80 + 172 + 240 \\ 548 &:= 1^2 + 4^4 + 9^0 + 17^2 + 23^0 = 12 + 44 + 90 + 172 + 230 \\ 548 &:= 1^2 + 5^2 + 11^2 + 17^0 + 20^2 = 12 + 52 + 112 + 170 + 202 \\ 548 &:= 1^2 + 5^3 + 7^0 + 20^2 + 21^1 = 12 + 53 + 70 + 202 + 211 \\ 548 &:= 1^2 + 6^1 + 6^3 + 18^2 + 23^0 = 12 + 61 + 63 + 182 + 230 \\ 548 &:= 1^2 + 7^1 + 7^3 + 14^2 + 25^0 = 12 + 71 + 73 + 142 + 250 \\ 548 &:= 1^2 + 8^2 + 11^2 + 15^0 + 19^2 = 12 + 82 + 112 + 150 + 192 \\ 548 &:= 1^3 + 1^9 + 2^4 + 23^2 + 26^0 = 13 + 19 + 24 + 232 + 260 \\ 548 &:= 1^3 + 2^1 + 12^2 + 19^0 + 20^2 = 13 + 21 + 122 + 190 + 202 \\ 548 &:= 1^3 + 2^2 + 13^1 + 15^0 + 23^2 = 13 + 22 + 131 + 150 + 232 \\ 548 &:= 1^3 + 3^2 + 8^1 + 19^0 + 23^2 = 13 + 32 + 81 + 190 + 232 \\ 548 &:= 1^3 + 5^0 + 13^2 + 16^1 + 19^2 = 13 + 50 + 132 + 161 + 192 \\ 548 &:= 1^3 + 5^1 + 10^2 + 17^0 + 21^2 = 13 + 51 + 102 + 170 + 212 \\ 548 &:= 1^3 + 7^1 + 8^3 + 11^0 + 27^1 = 13 + 71 + 83 + 110 + 271 \end{aligned}$$

$$\begin{aligned} 548 &:= 1^3 + 7^2 + 11^0 + 13^1 + 22^2 = 13 + 72 + 110 + 131 + 222 \\ 548 &:= 1^3 + 8^1 + 8^3 + 11^0 + 26^1 = 13 + 81 + 83 + 110 + 261 \\ 548 &:= 1^3 + 8^3 + 10^1 + 11^0 + 24^1 = 13 + 83 + 101 + 110 + 241 \\ 548 &:= 1^3 + 8^3 + 11^0 + 11^1 + 23^1 = 13 + 83 + 110 + 111 + 231 \\ 548 &:= 1^3 + 8^3 + 11^0 + 12^1 + 22^1 = 13 + 83 + 110 + 121 + 221 \\ 548 &:= 1^3 + 8^3 + 11^0 + 13^1 + 21^1 = 13 + 83 + 110 + 131 + 211 \\ 548 &:= 1^3 + 8^3 + 11^0 + 14^1 + 20^1 = 13 + 83 + 110 + 141 + 201 \\ 548 &:= 1^3 + 8^3 + 11^0 + 15^1 + 19^1 = 13 + 83 + 110 + 151 + 191 \\ 548 &:= 1^3 + 8^3 + 11^0 + 16^1 + 18^1 = 13 + 83 + 110 + 161 + 181 \\ 548 &:= 1^3 + 8^3 + 11^0 + 17^1 + 17^1 = 13 + 83 + 110 + 171 + 171 \\ 548 &:= 1^3 + 8^3 + 9^1 + 11^0 + 25^1 = 13 + 83 + 91 + 110 + 251 \\ 548 &:= 1^4 + 1^8 + 2^4 + 23^2 + 26^0 = 14 + 18 + 24 + 232 + 260 \\ 548 &:= 1^4 + 10^0 + 10^0 + 16^2 + 17^2 = 14 + 100 + 100 + 162 + 172 \\ 548 &:= 1^4 + 2^0 + 16^2 + 17^2 + 18^0 = 14 + 20 + 162 + 172 + 180 \\ 548 &:= 1^4 + 2^0 + 4^2 + 23^2 + 24^0 = 14 + 20 + 42 + 232 + 240 \\ 548 &:= 1^4 + 2^1 + 13^0 + 15^1 + 23^2 = 14 + 21 + 130 + 151 + 232 \\ 548 &:= 1^4 + 3^0 + 16^2 + 17^0 + 17^2 = 14 + 30 + 162 + 170 + 172 \\ 548 &:= 1^4 + 3^0 + 4^2 + 23^0 + 23^2 = 14 + 30 + 42 + 230 + 232 \\ 548 &:= 1^4 + 3^1 + 13^0 + 14^1 + 23^2 = 14 + 31 + 130 + 141 + 232 \\ 548 &:= 1^4 + 4^0 + 16^0 + 16^2 + 17^2 = 14 + 40 + 160 + 162 + 172 \\ 548 &:= 1^4 + 4^0 + 4^2 + 22^0 + 23^2 = 14 + 40 + 42 + 220 + 232 \\ 548 &:= 1^4 + 4^1 + 13^0 + 13^1 + 23^2 = 14 + 41 + 130 + 131 + 232 \\ 548 &:= 1^4 + 4^2 + 10^0 + 16^0 + 23^2 = 14 + 42 + 100 + 160 + 232 \\ 548 &:= 1^4 + 4^2 + 11^0 + 15^0 + 23^2 = 14 + 42 + 110 + 150 + 232 \\ 548 &:= 1^4 + 4^2 + 12^0 + 14^0 + 23^2 = 14 + 42 + 120 + 140 + 232 \\ 548 &:= 1^4 + 4^2 + 13^0 + 13^0 + 23^2 = 14 + 42 + 130 + 130 + 232 \\ 548 &:= 1^4 + 4^2 + 5^0 + 21^0 + 23^2 = 14 + 42 + 50 + 210 + 232 \\ 548 &:= 1^4 + 4^2 + 6^0 + 20^0 + 23^2 = 14 + 42 + 60 + 200 + 232 \\ 548 &:= 1^4 + 4^2 + 7^0 + 19^0 + 23^2 = 14 + 42 + 70 + 190 + 232 \\ 548 &:= 1^4 + 4^2 + 8^0 + 18^0 + 23^2 = 14 + 42 + 80 + 180 + 232 \\ 548 &:= 1^4 + 4^2 + 9^0 + 17^0 + 23^2 = 14 + 42 + 90 + 170 + 232 \\ 548 &:= 1^4 + 5^0 + 15^0 + 16^2 + 17^2 = 14 + 50 + 150 + 162 + 172 \\ 548 &:= 1^4 + 5^1 + 12^1 + 13^0 + 23^2 = 14 + 51 + 121 + 130 + 232 \\ 548 &:= 1^4 + 6^0 + 14^0 + 16^2 + 17^2 = 14 + 60 + 140 + 162 + 172 \\ 548 &:= 1^4 + 6^1 + 11^1 + 13^0 + 23^2 = 14 + 61 + 111 + 130 + 232 \\ 548 &:= 1^4 + 7^0 + 13^0 + 16^2 + 17^2 = 14 + 70 + 130 + 162 + 172 \\ 548 &:= 1^4 + 7^1 + 10^1 + 13^0 + 23^2 = 14 + 71 + 101 + 130 + 232 \\ 548 &:= 1^4 + 8^0 + 12^0 + 16^2 + 17^2 = 14 + 80 + 120 + 162 + 172 \end{aligned}$$

$$\begin{aligned} 548 &:= 1^4 + 8^1 + 9^1 + 13^0 + 23^2 = 14 + 81 + 91 + 130 + 232 \\ 548 &:= 1^4 + 9^0 + 11^0 + 16^2 + 17^2 = 14 + 90 + 110 + 162 + 172 \\ 548 &:= 1^5 + 1^7 + 2^4 + 23^2 + 26^0 = 15 + 17 + 24 + 232 + 260 \\ 548 &:= 1^5 + 1^9 + 16^2 + 17^2 + 18^0 = 15 + 19 + 162 + 172 + 180 \\ 548 &:= 1^5 + 1^9 + 4^2 + 23^2 + 24^0 = 15 + 19 + 42 + 232 + 240 \\ 548 &:= 1^5 + 2^0 + 12^0 + 16^1 + 23^2 = 15 + 20 + 120 + 161 + 232 \\ 548 &:= 1^5 + 2^3 + 2^9 + 22^0 + 26^1 = 15 + 23 + 29 + 220 + 261 \\ 548 &:= 1^5 + 3^0 + 11^0 + 16^1 + 23^2 = 15 + 30 + 110 + 161 + 232 \\ 548 &:= 1^5 + 4^0 + 10^0 + 16^1 + 23^2 = 15 + 40 + 100 + 161 + 232 \\ 548 &:= 1^5 + 5^0 + 9^0 + 16^1 + 23^2 = 15 + 50 + 90 + 161 + 232 \\ 548 &:= 1^5 + 6^0 + 8^0 + 16^1 + 23^2 = 15 + 60 + 80 + 161 + 232 \\ 548 &:= 1^5 + 7^0 + 7^0 + 16^1 + 23^2 = 15 + 70 + 70 + 161 + 232 \\ 548 &:= 1^6 + 1^6 + 2^4 + 23^2 + 26^0 = 16 + 16 + 24 + 232 + 260 \\ 548 &:= 1^6 + 1^8 + 16^2 + 17^2 + 18^0 = 16 + 18 + 162 + 172 + 180 \\ 548 &:= 1^6 + 1^8 + 4^2 + 23^2 + 24^0 = 16 + 18 + 42 + 232 + 240 \\ 548 &:= 1^6 + 1^9 + 12^0 + 16^1 + 23^2 = 16 + 19 + 120 + 161 + 232 \\ 548 &:= 1^6 + 2^8 + 11^2 + 13^2 + 26^0 = 16 + 28 + 112 + 132 + 260 \\ 548 &:= 1^6 + 2^9 + 3^2 + 22^0 + 25^1 = 16 + 29 + 32 + 220 + 251 \\ 548 &:= 1^7 + 1^7 + 16^2 + 17^2 + 18^0 = 17 + 17 + 162 + 172 + 180 \\ 548 &:= 1^7 + 1^7 + 4^2 + 23^2 + 24^0 = 17 + 17 + 42 + 232 + 240 \\ 548 &:= 1^7 + 1^8 + 12^0 + 16^1 + 23^2 = 17 + 18 + 120 + 161 + 232 \\ 548 &:= 1^7 + 2^9 + 10^1 + 16^0 + 24^1 = 17 + 29 + 101 + 160 + 241 \\ 548 &:= 1^7 + 2^9 + 11^1 + 16^0 + 23^1 = 17 + 29 + 111 + 160 + 231 \\ 548 &:= 1^7 + 2^9 + 12^1 + 16^0 + 22^1 = 17 + 29 + 121 + 160 + 221 \\ 548 &:= 1^7 + 2^9 + 13^1 + 16^0 + 21^1 = 17 + 29 + 131 + 160 + 211 \\ 548 &:= 1^7 + 2^9 + 14^1 + 16^0 + 20^1 = 17 + 29 + 141 + 160 + 201 \\ 548 &:= 1^7 + 2^9 + 15^1 + 16^0 + 19^1 = 17 + 29 + 151 + 160 + 191 \\ 548 &:= 1^7 + 2^9 + 16^0 + 16^1 + 18^1 = 17 + 29 + 160 + 161 + 181 \\ 548 &:= 1^7 + 2^9 + 16^0 + 17^1 + 17^1 = 17 + 29 + 160 + 171 + 171 \\ 548 &:= 1^7 + 2^9 + 7^1 + 16^0 + 27^1 = 17 + 29 + 71 + 160 + 271 \\ 548 &:= 1^7 + 2^9 + 8^1 + 16^0 + 26^1 = 17 + 29 + 81 + 160 + 261 \\ 548 &:= 1^7 + 2^9 + 9^1 + 16^0 + 25^1 = 17 + 29 + 91 + 160 + 251 \\ 548 &:= 1^8 + 2^6 + 11^2 + 19^2 + 20^0 = 18 + 26 + 112 + 192 + 200 \\ 548 &:= 1^8 + 2^7 + 12^0 + 18^1 + 20^2 = 18 + 27 + 120 + 181 + 202 \\ 548 &:= 1^8 + 2^8 + 10^0 + 17^2 + 23^0 = 18 + 28 + 100 + 172 + 230 \\ 548 &:= 1^8 + 2^8 + 11^0 + 17^2 + 22^0 = 18 + 28 + 110 + 172 + 220 \\ 548 &:= 1^8 + 2^8 + 12^0 + 17^2 + 21^0 = 18 + 28 + 120 + 172 + 210 \\ 548 &:= 1^8 + 2^8 + 13^0 + 17^2 + 20^0 = 18 + 28 + 130 + 172 + 200 \end{aligned}$$

$$\begin{aligned} 548 &:= 1^8 + 2^8 + 14^0 + 17^2 + 19^0 = 18 + 28 + 140 + 172 + 190 & 548 &:= 2^2 + 4^2 + 8^3 + 15^1 + 25^0 = 22 + 42 + 83 + 151 + 250 \\ 548 &:= 1^8 + 2^8 + 15^0 + 17^2 + 18^0 = 18 + 28 + 150 + 172 + 180 & 548 &:= 2^2 + 5^1 + 6^2 + 19^1 + 22^2 = 22 + 51 + 62 + 191 + 222 \\ 548 &:= 1^8 + 2^8 + 16^0 + 17^0 + 17^2 = 18 + 28 + 160 + 170 + 172 & 548 &:= 2^2 + 5^1 + 9^2 + 17^1 + 21^2 = 22 + 51 + 92 + 171 + 212 \\ 548 &:= 1^8 + 2^8 + 6^0 + 17^2 + 27^0 = 18 + 28 + 60 + 172 + 270 & 548 &:= 2^2 + 5^3 + 9^0 + 18^1 + 20^2 = 22 + 53 + 90 + 181 + 202 \\ 548 &:= 1^8 + 2^8 + 7^0 + 17^2 + 26^0 = 18 + 28 + 70 + 172 + 260 & 548 &:= 2^2 + 6^1 + 6^2 + 18^1 + 22^2 = 22 + 61 + 62 + 181 + 222 \\ 548 &:= 1^8 + 2^8 + 8^0 + 17^2 + 25^0 = 18 + 28 + 80 + 172 + 250 & 548 &:= 2^2 + 6^1 + 9^2 + 16^1 + 21^2 = 22 + 61 + 92 + 161 + 212 \\ 548 &:= 1^8 + 2^8 + 9^0 + 17^2 + 24^0 = 18 + 28 + 90 + 172 + 240 & 548 &:= 2^2 + 6^2 + 10^1 + 14^1 + 22^2 = 22 + 62 + 101 + 141 + 222 \\ 548 &:= 1^9 + 2^5 + 15^2 + 17^2 + 18^0 = 19 + 25 + 152 + 172 + 180 & 548 &:= 2^2 + 6^2 + 11^1 + 13^1 + 22^2 = 22 + 62 + 111 + 131 + 222 \\ 548 &:= 2^0 + 2^4 + 13^2 + 18^0 + 19^2 = 20 + 24 + 132 + 180 + 192 & 548 &:= 2^2 + 6^2 + 12^1 + 12^1 + 22^2 = 22 + 62 + 121 + 121 + 222 \\ 548 &:= 2^0 + 2^4 + 8^3 + 18^1 + 24^0 = 20 + 24 + 83 + 181 + 240 & 548 &:= 2^2 + 6^2 + 7^1 + 17^1 + 22^2 = 22 + 62 + 71 + 171 + 222 \\ 548 &:= 2^0 + 3^5 + 14^1 + 17^2 + 18^0 = 20 + 35 + 141 + 172 + 180 & 548 &:= 2^2 + 6^2 + 8^1 + 16^1 + 22^2 = 22 + 62 + 81 + 161 + 222 \\ 548 &:= 2^0 + 4^4 + 11^2 + 13^2 + 24^0 = 20 + 44 + 112 + 132 + 240 & 548 &:= 2^2 + 6^2 + 9^1 + 15^1 + 22^2 = 22 + 62 + 91 + 151 + 222 \\ 548 &:= 2^1 + 10^2 + 12^2 + 13^1 + 17^2 = 21 + 102 + 122 + 131 + 172 & 548 &:= 2^2 + 7^1 + 9^2 + 15^1 + 21^2 = 22 + 71 + 92 + 151 + 212 \\ 548 &:= 2^1 + 12^1 + 13^2 + 13^2 + 14^2 = 21 + 121 + 132 + 132 + 142 & 548 &:= 2^2 + 8^1 + 9^2 + 14^1 + 21^2 = 22 + 81 + 92 + 141 + 212 \\ 548 &:= 2^1 + 2^2 + 6^2 + 22^1 + 22^2 = 21 + 22 + 62 + 221 + 222 & 548 &:= 2^2 + 9^1 + 9^2 + 13^1 + 21^2 = 22 + 91 + 92 + 131 + 212 \\ 548 &:= 2^1 + 2^2 + 9^2 + 20^1 + 21^2 = 21 + 22 + 92 + 201 + 212 & 548 &:= 2^2 + 9^2 + 10^1 + 12^1 + 21^2 = 22 + 92 + 101 + 121 + 212 \\ 548 &:= 2^1 + 2^3 + 8^3 + 17^0 + 25^1 = 21 + 23 + 83 + 170 + 251 & 548 &:= 2^2 + 9^2 + 11^1 + 11^1 + 21^2 = 22 + 92 + 111 + 111 + 212 \\ 548 &:= 2^1 + 3^2 + 14^2 + 17^1 + 18^2 = 21 + 32 + 142 + 171 + 182 & 548 &:= 2^3 + 3^0 + 11^2 + 18^1 + 20^2 = 23 + 30 + 112 + 181 + 202 \\ 548 &:= 2^1 + 3^4 + 5^0 + 21^2 + 23^1 = 21 + 34 + 50 + 212 + 231 & 548 &:= 2^3 + 3^1 + 8^3 + 17^0 + 24^1 = 23 + 31 + 83 + 170 + 241 \\ 548 &:= 2^1 + 4^2 + 15^2 + 16^1 + 17^2 = 21 + 42 + 152 + 161 + 172 & 548 &:= 2^3 + 4^1 + 8^3 + 17^0 + 23^1 = 23 + 41 + 83 + 170 + 231 \\ 548 &:= 2^1 + 4^2 + 5^2 + 21^1 + 22^2 = 21 + 42 + 52 + 211 + 222 & 548 &:= 2^3 + 5^0 + 6^2 + 19^1 + 22^2 = 23 + 50 + 62 + 191 + 222 \\ 548 &:= 2^1 + 4^3 + 15^2 + 16^2 + 17^0 = 21 + 43 + 152 + 162 + 170 & 548 &:= 2^3 + 5^0 + 9^2 + 17^1 + 21^2 = 23 + 50 + 92 + 171 + 212 \\ 548 &:= 2^1 + 4^3 + 9^2 + 19^0 + 20^2 = 21 + 43 + 92 + 190 + 202 & 548 &:= 2^3 + 5^1 + 8^3 + 17^0 + 22^1 = 23 + 51 + 83 + 170 + 221 \\ 548 &:= 2^1 + 5^2 + 12^2 + 16^1 + 19^2 = 21 + 52 + 122 + 161 + 192 & 548 &:= 2^3 + 6^1 + 7^2 + 17^0 + 22^2 = 23 + 61 + 72 + 170 + 222 \\ 548 &:= 2^1 + 7^2 + 11^2 + 15^1 + 19^2 = 21 + 72 + 112 + 151 + 192 & 548 &:= 2^3 + 6^1 + 8^3 + 17^0 + 21^1 = 23 + 61 + 83 + 170 + 211 \\ 548 &:= 2^1 + 7^2 + 9^2 + 16^1 + 20^2 = 21 + 72 + 92 + 161 + 202 & 548 &:= 2^3 + 7^1 + 8^3 + 17^0 + 20^1 = 23 + 71 + 83 + 170 + 201 \\ 548 &:= 2^1 + 7^3 + 9^2 + 11^2 + 25^0 = 21 + 73 + 92 + 112 + 250 & 548 &:= 2^3 + 8^1 + 8^3 + 17^0 + 19^1 = 23 + 81 + 83 + 170 + 191 \\ 548 &:= 2^1 + 8^2 + 12^2 + 14^1 + 18^2 = 21 + 82 + 122 + 141 + 182 & 548 &:= 2^3 + 8^3 + 10^1 + 17^0 + 17^1 = 23 + 83 + 101 + 170 + 171 \\ 548 &:= 2^1 + 9^2 + 13^1 + 14^2 + 16^2 = 21 + 92 + 131 + 142 + 162 & 548 &:= 2^3 + 8^3 + 11^1 + 16^1 + 17^0 = 23 + 83 + 111 + 161 + 170 \\ 548 &:= 2^2 + 2^2 + 8^3 + 15^0 + 27^1 = 22 + 22 + 83 + 150 + 271 & 548 &:= 2^3 + 8^3 + 12^1 + 15^1 + 17^0 = 23 + 83 + 121 + 151 + 170 \\ 548 &:= 2^2 + 2^3 + 6^1 + 21^0 + 23^2 = 22 + 23 + 61 + 210 + 232 & 548 &:= 2^3 + 8^3 + 13^1 + 14^1 + 17^0 = 23 + 83 + 131 + 141 + 170 \\ 548 &:= 2^2 + 3^1 + 6^2 + 21^1 + 22^2 = 22 + 31 + 62 + 211 + 222 & 548 &:= 2^3 + 8^3 + 9^1 + 17^0 + 18^1 = 23 + 83 + 91 + 170 + 181 \\ 548 &:= 2^2 + 3^1 + 6^3 + 18^2 + 25^0 = 22 + 31 + 63 + 182 + 250 & 548 &:= 2^3 + 9^1 + 11^0 + 13^2 + 19^2 = 23 + 91 + 110 + 132 + 192 \\ 548 &:= 2^2 + 3^1 + 9^2 + 19^1 + 21^2 = 22 + 31 + 92 + 191 + 212 & 548 &:= 2^4 + 10^0 + 10^0 + 13^2 + 19^2 = 24 + 100 + 100 + 132 + 192 \\ 548 &:= 2^2 + 3^2 + 8^3 + 19^0 + 22^1 = 22 + 32 + 83 + 190 + 221 & 548 &:= 2^4 + 3^0 + 13^2 + 17^0 + 19^2 = 24 + 30 + 132 + 170 + 192 \\ 548 &:= 2^2 + 4^1 + 6^2 + 20^1 + 22^2 = 22 + 41 + 62 + 201 + 222 & 548 &:= 2^4 + 3^0 + 8^3 + 18^1 + 23^0 = 24 + 30 + 83 + 181 + 230 \\ 548 &:= 2^2 + 4^1 + 7^3 + 14^2 + 27^0 = 22 + 41 + 73 + 142 + 270 & 548 &:= 2^4 + 4^0 + 13^2 + 16^0 + 19^2 = 24 + 40 + 132 + 160 + 192 \\ 548 &:= 2^2 + 4^1 + 9^2 + 18^1 + 21^2 = 22 + 41 + 92 + 181 + 212 & 548 &:= 2^4 + 4^0 + 8^3 + 18^1 + 22^0 = 24 + 40 + 83 + 181 + 220 \end{aligned}$$

$$\begin{aligned} 548 &:= 2^4 + 5^0 + 13^2 + 15^0 + 19^2 = 24 + 50 + 132 + 150 + 192 & 548 &:= 3^1 + 9^2 + 12^1 + 14^2 + 16^2 = 31 + 92 + 121 + 142 + 162 \\ 548 &:= 2^4 + 5^0 + 8^3 + 18^1 + 21^0 = 24 + 50 + 83 + 181 + 210 & 548 &:= 3^2 + 11^0 + 12^2 + 13^2 + 15^2 = 32 + 110 + 122 + 132 + 152 \\ 548 &:= 2^4 + 6^0 + 13^2 + 14^0 + 19^2 = 24 + 60 + 132 + 140 + 192 & 548 &:= 3^2 + 3^2 + 8^3 + 17^1 + 23^0 = 32 + 32 + 83 + 171 + 230 \\ 548 &:= 2^4 + 6^0 + 8^3 + 18^1 + 20^0 = 24 + 60 + 83 + 181 + 200 & 548 &:= 3^2 + 4^1 + 14^2 + 15^1 + 18^2 = 32 + 41 + 142 + 151 + 182 \\ 548 &:= 2^4 + 7^0 + 13^0 + 13^2 + 19^2 = 24 + 70 + 130 + 132 + 192 & 548 &:= 3^2 + 4^2 + 9^2 + 17^0 + 21^2 = 32 + 42 + 92 + 170 + 212 \\ 548 &:= 2^4 + 7^0 + 8^3 + 18^1 + 19^0 = 24 + 70 + 83 + 181 + 190 & 548 &:= 3^2 + 5^0 + 7^3 + 13^2 + 26^1 = 32 + 50 + 73 + 132 + 261 \\ 548 &:= 2^4 + 8^0 + 12^0 + 13^2 + 19^2 = 24 + 80 + 120 + 132 + 192 & 548 &:= 3^2 + 5^1 + 14^1 + 14^2 + 18^2 = 32 + 51 + 141 + 142 + 182 \\ 548 &:= 2^4 + 8^0 + 8^3 + 18^0 + 18^1 = 24 + 80 + 83 + 180 + 181 & 548 &:= 3^2 + 5^3 + 13^0 + 13^1 + 20^2 = 32 + 53 + 130 + 131 + 202 \\ 548 &:= 2^4 + 8^3 + 10^0 + 16^0 + 18^1 = 24 + 83 + 100 + 160 + 181 & 548 &:= 3^2 + 6^1 + 13^1 + 14^2 + 18^2 = 32 + 61 + 131 + 142 + 182 \\ 548 &:= 2^4 + 8^3 + 11^0 + 15^0 + 18^1 = 24 + 83 + 110 + 150 + 181 & 548 &:= 3^2 + 7^1 + 12^1 + 14^2 + 18^2 = 32 + 71 + 121 + 142 + 182 \\ 548 &:= 2^4 + 8^3 + 12^0 + 14^0 + 18^1 = 24 + 83 + 120 + 140 + 181 & 548 &:= 3^2 + 8^1 + 11^1 + 14^2 + 18^2 = 32 + 81 + 111 + 142 + 182 \\ 548 &:= 2^4 + 8^3 + 13^0 + 13^0 + 18^1 = 24 + 83 + 130 + 130 + 181 & 548 &:= 3^2 + 9^1 + 10^1 + 14^2 + 18^2 = 32 + 91 + 101 + 142 + 182 \\ 548 &:= 2^4 + 8^3 + 9^0 + 17^0 + 18^1 = 24 + 83 + 90 + 170 + 181 & 548 &:= 3^3 + 4^2 + 5^0 + 20^1 + 22^2 = 33 + 42 + 50 + 201 + 222 \\ 548 &:= 2^4 + 9^0 + 11^0 + 13^2 + 19^2 = 24 + 90 + 110 + 132 + 192 & 548 &:= 3^3 + 5^0 + 12^2 + 15^1 + 19^2 = 33 + 50 + 122 + 151 + 192 \\ 548 &:= 2^7 + 2^8 + 12^2 + 18^0 + 19^1 = 27 + 28 + 122 + 180 + 191 & 548 &:= 3^3 + 5^2 + 11^1 + 13^0 + 22^2 = 33 + 52 + 111 + 130 + 222 \\ 548 &:= 2^8 + 2^8 + 10^1 + 14^0 + 25^1 = 28 + 28 + 101 + 140 + 251 & 548 &:= 3^3 + 6^1 + 13^0 + 15^2 + 17^2 = 33 + 61 + 130 + 152 + 172 \\ 548 &:= 2^8 + 2^8 + 11^1 + 14^0 + 24^1 = 28 + 28 + 111 + 140 + 241 & 548 &:= 3^3 + 7^0 + 8^2 + 15^1 + 21^2 = 33 + 70 + 82 + 151 + 212 \\ 548 &:= 2^8 + 2^8 + 12^1 + 14^0 + 23^1 = 28 + 28 + 121 + 140 + 231 & 548 &:= 3^3 + 8^1 + 11^0 + 16^2 + 16^2 = 33 + 81 + 110 + 162 + 162 \\ 548 &:= 2^8 + 2^8 + 13^1 + 14^0 + 22^1 = 28 + 28 + 131 + 140 + 221 & 548 &:= 3^4 + 4^1 + 5^0 + 21^1 + 21^2 = 34 + 41 + 50 + 211 + 212 \\ 548 &:= 2^8 + 2^8 + 14^0 + 14^1 + 21^1 = 28 + 28 + 140 + 141 + 211 & 548 &:= 3^4 + 5^0 + 10^1 + 15^1 + 21^2 = 34 + 50 + 101 + 151 + 212 \\ 548 &:= 2^8 + 2^8 + 14^0 + 15^1 + 20^1 = 28 + 28 + 140 + 151 + 201 & 548 &:= 3^4 + 5^0 + 11^1 + 14^1 + 21^2 = 34 + 50 + 111 + 141 + 212 \\ 548 &:= 2^8 + 2^8 + 14^0 + 16^1 + 19^1 = 28 + 28 + 140 + 161 + 191 & 548 &:= 3^4 + 5^0 + 12^1 + 13^1 + 21^2 = 34 + 50 + 121 + 131 + 212 \\ 548 &:= 2^8 + 2^8 + 14^0 + 17^1 + 18^1 = 28 + 28 + 140 + 171 + 181 & 548 &:= 3^4 + 5^0 + 5^1 + 20^1 + 21^2 = 34 + 50 + 51 + 201 + 212 \\ 548 &:= 2^8 + 2^8 + 8^1 + 14^0 + 27^1 = 28 + 28 + 81 + 140 + 271 & 548 &:= 3^4 + 5^0 + 6^1 + 19^1 + 21^2 = 34 + 50 + 61 + 191 + 212 \\ 548 &:= 2^8 + 2^8 + 9^1 + 14^0 + 26^1 = 28 + 28 + 91 + 140 + 261 & 548 &:= 3^4 + 5^0 + 7^1 + 18^1 + 21^2 = 34 + 50 + 71 + 181 + 212 \\ 548 &:= 3^0 + 3^5 + 14^1 + 17^0 + 17^2 = 30 + 35 + 141 + 170 + 172 & 548 &:= 3^4 + 5^0 + 8^1 + 17^1 + 21^2 = 34 + 50 + 81 + 171 + 212 \\ 548 &:= 3^0 + 4^3 + 8^2 + 19^1 + 20^2 = 30 + 43 + 82 + 191 + 202 & 548 &:= 3^4 + 5^0 + 9^1 + 16^1 + 21^2 = 34 + 50 + 91 + 161 + 212 \\ 548 &:= 3^0 + 4^4 + 11^2 + 13^2 + 23^0 = 30 + 44 + 112 + 132 + 230 & 548 &:= 3^5 + 10^0 + 10^0 + 14^1 + 17^2 = 35 + 100 + 100 + 141 + 172 \\ 548 &:= 3^1 + 10^2 + 12^1 + 12^2 + 17^2 = 31 + 102 + 121 + 122 + 172 & 548 &:= 3^5 + 4^0 + 14^1 + 16^0 + 17^2 = 35 + 40 + 141 + 160 + 172 \\ 548 &:= 3^1 + 11^1 + 13^2 + 13^2 + 14^2 = 31 + 111 + 132 + 132 + 142 & 548 &:= 3^5 + 5^0 + 14^1 + 15^0 + 17^2 = 35 + 50 + 141 + 150 + 172 \\ 548 &:= 3^1 + 3^2 + 14^2 + 16^1 + 18^2 = 31 + 32 + 142 + 161 + 182 & 548 &:= 3^5 + 6^0 + 14^0 + 14^1 + 17^2 = 35 + 60 + 140 + 141 + 172 \\ 548 &:= 3^1 + 3^4 + 5^0 + 21^2 + 22^1 = 31 + 34 + 50 + 212 + 221 & 548 &:= 3^5 + 7^0 + 13^0 + 14^1 + 17^2 = 35 + 70 + 130 + 141 + 172 \\ 548 &:= 3^1 + 4^2 + 15^1 + 15^2 + 17^2 = 31 + 42 + 151 + 152 + 172 & 548 &:= 3^5 + 8^0 + 12^0 + 14^1 + 17^2 = 35 + 80 + 120 + 141 + 172 \\ 548 &:= 3^1 + 4^2 + 5^2 + 20^1 + 22^2 = 31 + 42 + 52 + 201 + 222 & 548 &:= 3^5 + 9^0 + 11^0 + 14^1 + 17^2 = 35 + 90 + 110 + 141 + 172 \\ 548 &:= 3^1 + 5^2 + 12^2 + 15^1 + 19^2 = 31 + 52 + 122 + 151 + 192 & 548 &:= 4^0 + 4^4 + 11^2 + 13^2 + 22^0 = 40 + 44 + 112 + 132 + 220 \\ 548 &:= 3^1 + 7^2 + 11^2 + 14^1 + 19^2 = 31 + 72 + 112 + 141 + 192 & 548 &:= 4^1 + 10^1 + 13^2 + 13^2 + 14^2 = 41 + 101 + 132 + 132 + 142 \\ 548 &:= 3^1 + 7^2 + 9^2 + 15^1 + 20^2 = 31 + 72 + 92 + 151 + 202 & 548 &:= 4^1 + 10^2 + 11^1 + 12^2 + 17^2 = 41 + 102 + 111 + 122 + 172 \\ 548 &:= 3^1 + 8^2 + 12^2 + 13^1 + 18^2 = 31 + 82 + 122 + 131 + 182 & 548 &:= 4^1 + 4^2 + 14^1 + 15^2 + 17^2 = 41 + 42 + 141 + 152 + 172 \end{aligned}$$

$$\begin{aligned} 548 &:= 4^1 + 4^2 + 5^2 + 19^1 + 22^2 = 41 + 42 + 52 + 191 + 222 & 548 &:= 5^0 + 6^3 + 12^2 + 13^2 + 18^1 = 50 + 63 + 122 + 132 + 181 \\ 548 &:= 4^1 + 5^2 + 12^2 + 14^1 + 19^2 = 41 + 52 + 122 + 141 + 192 & 548 &:= 5^0 + 7^3 + 9^2 + 10^2 + 23^1 = 50 + 73 + 92 + 102 + 231 \\ 548 &:= 4^1 + 7^2 + 11^2 + 13^1 + 19^2 = 41 + 72 + 112 + 131 + 192 & 548 &:= 5^1 + 10^1 + 10^2 + 12^2 + 17^2 = 51 + 101 + 102 + 122 + 172 \\ 548 &:= 4^1 + 7^2 + 9^2 + 14^1 + 20^2 = 41 + 72 + 92 + 141 + 202 & 548 &:= 5^1 + 5^2 + 12^2 + 13^1 + 19^2 = 51 + 52 + 122 + 131 + 192 \\ 548 &:= 4^1 + 7^3 + 10^2 + 10^2 + 23^0 = 41 + 73 + 102 + 102 + 230 & 548 &:= 5^1 + 7^2 + 11^2 + 12^1 + 19^2 = 51 + 72 + 112 + 121 + 192 \\ 548 &:= 4^1 + 8^2 + 12^1 + 12^2 + 18^2 = 41 + 82 + 121 + 122 + 182 & 548 &:= 5^1 + 7^2 + 9^2 + 13^1 + 20^2 = 51 + 72 + 92 + 131 + 202 \\ 548 &:= 4^1 + 9^2 + 11^1 + 14^2 + 16^2 = 41 + 92 + 111 + 142 + 162 & 548 &:= 5^1 + 8^2 + 11^1 + 12^2 + 18^2 = 51 + 82 + 111 + 122 + 182 \\ 548 &:= 4^2 + 11^0 + 11^2 + 11^2 + 17^2 = 42 + 110 + 112 + 112 + 172 & 548 &:= 5^1 + 9^1 + 13^2 + 13^2 + 14^2 = 51 + 91 + 132 + 132 + 142 \\ 548 &:= 4^2 + 5^1 + 13^1 + 15^2 + 17^2 = 42 + 51 + 131 + 152 + 172 & 548 &:= 5^1 + 9^2 + 10^1 + 14^2 + 16^2 = 51 + 92 + 101 + 142 + 162 \\ 548 &:= 4^2 + 5^1 + 5^2 + 18^1 + 22^2 = 42 + 51 + 52 + 181 + 222 & 548 &:= 5^2 + 6^1 + 12^1 + 12^2 + 19^2 = 52 + 61 + 121 + 122 + 192 \\ 548 &:= 4^2 + 5^2 + 10^1 + 13^1 + 22^2 = 42 + 52 + 101 + 131 + 222 & 548 &:= 5^2 + 6^3 + 9^0 + 17^1 + 17^2 = 52 + 63 + 90 + 171 + 172 \\ 548 &:= 4^2 + 5^2 + 11^1 + 12^1 + 22^2 = 42 + 52 + 111 + 121 + 222 & 548 &:= 5^2 + 7^1 + 11^1 + 12^2 + 19^2 = 52 + 71 + 111 + 122 + 192 \\ 548 &:= 4^2 + 5^2 + 6^1 + 17^1 + 22^2 = 42 + 52 + 61 + 171 + 222 & 548 &:= 5^2 + 7^3 + 10^1 + 13^2 + 19^0 = 52 + 73 + 101 + 132 + 190 \\ 548 &:= 4^2 + 5^2 + 7^1 + 16^1 + 22^2 = 42 + 52 + 71 + 161 + 222 & 548 &:= 5^2 + 8^1 + 10^1 + 12^2 + 19^2 = 52 + 81 + 101 + 122 + 192 \\ 548 &:= 4^2 + 5^2 + 8^1 + 15^1 + 22^2 = 42 + 52 + 81 + 151 + 222 & 548 &:= 5^2 + 8^2 + 11^0 + 13^2 + 17^2 = 52 + 82 + 110 + 132 + 172 \\ 548 &:= 4^2 + 5^2 + 9^1 + 14^1 + 22^2 = 42 + 52 + 91 + 141 + 222 & 548 &:= 5^2 + 9^1 + 9^1 + 12^2 + 19^2 = 52 + 91 + 91 + 122 + 192 \\ 548 &:= 4^2 + 5^3 + 6^1 + 19^0 + 20^2 = 42 + 53 + 61 + 190 + 202 & 548 &:= 5^3 + 7^2 + 11^0 + 12^1 + 19^2 = 53 + 72 + 110 + 121 + 192 \\ 548 &:= 4^2 + 6^1 + 12^1 + 15^2 + 17^2 = 42 + 61 + 121 + 152 + 172 & 548 &:= 5^3 + 9^0 + 11^2 + 12^1 + 17^2 = 53 + 90 + 112 + 121 + 172 \\ 548 &:= 4^2 + 7^1 + 11^1 + 15^2 + 17^2 = 42 + 71 + 111 + 152 + 172 & 548 &:= 6^1 + 6^2 + 6^3 + 17^2 + 19^0 = 61 + 62 + 63 + 172 + 190 \\ 548 &:= 4^2 + 7^2 + 11^2 + 13^0 + 19^2 = 42 + 72 + 112 + 130 + 192 & 548 &:= 6^1 + 6^3 + 10^2 + 15^2 + 17^0 = 61 + 63 + 102 + 152 + 170 \\ 548 &:= 4^2 + 7^3 + 11^0 + 13^2 + 19^1 = 42 + 73 + 110 + 132 + 191 & 548 &:= 6^1 + 7^2 + 11^1 + 11^2 + 19^2 = 61 + 72 + 111 + 112 + 192 \\ 548 &:= 4^2 + 8^1 + 10^1 + 15^2 + 17^2 = 42 + 81 + 101 + 152 + 172 & 548 &:= 6^1 + 7^2 + 9^2 + 12^1 + 20^2 = 61 + 72 + 92 + 121 + 202 \\ 548 &:= 4^2 + 9^1 + 9^1 + 15^2 + 17^2 = 42 + 91 + 91 + 152 + 172 & 548 &:= 6^1 + 8^1 + 13^2 + 13^2 + 14^2 = 61 + 81 + 132 + 132 + 142 \\ 548 &:= 4^2 + 9^2 + 11^0 + 15^2 + 15^2 = 42 + 92 + 110 + 152 + 152 & 548 &:= 6^1 + 8^2 + 10^1 + 12^2 + 18^2 = 61 + 82 + 101 + 122 + 182 \\ 548 &:= 4^3 + 5^0 + 12^2 + 15^1 + 18^2 = 43 + 50 + 122 + 151 + 182 & 548 &:= 6^1 + 9^1 + 10^2 + 12^2 + 17^2 = 61 + 91 + 102 + 122 + 172 \\ 548 &:= 4^3 + 5^2 + 7^0 + 17^1 + 21^2 = 43 + 52 + 70 + 171 + 212 & 548 &:= 6^1 + 9^1 + 9^2 + 14^2 + 16^2 = 61 + 91 + 92 + 142 + 162 \\ 548 &:= 4^3 + 6^1 + 6^2 + 17^0 + 21^2 = 43 + 61 + 62 + 170 + 212 & 548 &:= 6^3 + 8^2 + 11^1 + 13^0 + 16^2 = 63 + 82 + 111 + 130 + 162 \\ 548 &:= 4^4 + 10^0 + 11^2 + 13^2 + 16^0 = 44 + 100 + 112 + 132 + 160 & 548 &:= 6^3 + 9^0 + 11^2 + 14^1 + 14^2 = 63 + 90 + 112 + 141 + 142 \\ 548 &:= 4^4 + 11^0 + 11^2 + 13^2 + 15^0 = 44 + 110 + 112 + 132 + 150 & 548 &:= 7^1 + 7^1 + 13^2 + 13^2 + 14^2 = 71 + 71 + 132 + 132 + 142 \\ 548 &:= 4^4 + 11^2 + 12^0 + 13^2 + 14^0 = 44 + 112 + 120 + 132 + 140 & 548 &:= 7^1 + 7^2 + 10^1 + 11^2 + 19^2 = 71 + 72 + 101 + 112 + 192 \\ 548 &:= 4^4 + 11^2 + 13^0 + 13^0 + 13^2 = 44 + 112 + 130 + 130 + 132 & 548 &:= 7^1 + 7^2 + 9^2 + 11^1 + 20^2 = 71 + 72 + 92 + 111 + 202 \\ 548 &:= 4^4 + 5^0 + 11^2 + 13^2 + 21^0 = 44 + 50 + 112 + 132 + 210 & 548 &:= 7^1 + 8^1 + 10^2 + 12^2 + 17^2 = 71 + 81 + 102 + 122 + 172 \\ 548 &:= 4^4 + 6^0 + 11^2 + 13^2 + 20^0 = 44 + 60 + 112 + 132 + 200 & 548 &:= 7^1 + 8^1 + 9^2 + 14^2 + 16^2 = 71 + 81 + 92 + 142 + 162 \\ 548 &:= 4^4 + 7^0 + 11^2 + 13^2 + 19^0 = 44 + 70 + 112 + 132 + 190 & 548 &:= 7^1 + 8^2 + 9^1 + 12^2 + 18^2 = 71 + 82 + 91 + 122 + 182 \\ 548 &:= 4^4 + 8^0 + 11^2 + 13^2 + 18^0 = 44 + 80 + 112 + 132 + 180 & 548 &:= 7^2 + 7^2 + 7^2 + 13^0 + 20^2 = 72 + 72 + 72 + 130 + 202 \\ 548 &:= 4^4 + 9^0 + 11^2 + 13^2 + 17^0 = 44 + 90 + 112 + 132 + 170 & 548 &:= 7^2 + 7^3 + 11^1 + 12^2 + 17^0 = 72 + 73 + 111 + 122 + 170 \\ 548 &:= 5^0 + 5^3 + 9^2 + 17^1 + 18^2 = 50 + 53 + 92 + 171 + 182 & 548 &:= 7^2 + 8^1 + 9^1 + 11^2 + 19^2 = 72 + 81 + 91 + 112 + 192 \\ 548 &:= 5^0 + 6^2 + 7^3 + 12^2 + 24^1 = 50 + 62 + 73 + 122 + 241 & 548 &:= 7^2 + 8^1 + 9^2 + 10^1 + 20^2 = 72 + 81 + 92 + 101 + 202 \end{aligned}$$

$$548 := 7^2 + 9^0 + 11^2 + 11^2 + 16^2 = 72 + 90 + 112 + 112 + 162$$

$$548 := 7^2 + 9^1 + 9^1 + 9^2 + 20^2 = 72 + 91 + 91 + 92 + 202$$

$$548 := 7^3 + 8^2 + 9^0 + 11^2 + 19^1 = 73 + 82 + 90 + 112 + 191$$

$$548 := 8^1 + 8^1 + 8^2 + 12^2 + 18^2 = 81 + 81 + 82 + 122 + 182$$

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$$549 := 1^5 + 8^3 + 10^0 + 35^1 = 15 + 83 + 100 + 351$$

$$549 := 1^6 + 12^0 + 18^1 + 23^2 = 16 + 120 + 181 + 232$$

$$549 := 1^9 + 2^9 + 15^0 + 35^1 = 19 + 29 + 150 + 351$$

$$549 := 2^5 + 4^1 + 8^3 + 40^0 = 25 + 41 + 83 + 400$$

$$549 := 3^5 + 4^2 + 17^2 + 30^0 = 35 + 42 + 172 + 300$$

$$549 := 3^5 + 7^2 + 16^2 + 28^0 = 35 + 72 + 162 + 280$$

$$549 := 4^4 + 4^4 + 10^0 + 36^1 = 44 + 44 + 100 + 361$$

$$549 := 1^0 + 1^6 + 12^0 + 17^1 + 23^2 = 10 + 16 + 120 + 171 + 232$$

$$549 := 1^1 + 1^5 + 12^0 + 17^1 + 23^2 = 11 + 15 + 120 + 171 + 232$$

$$549 := 1^1 + 2^4 + 8^3 + 19^1 + 24^0 = 11 + 24 + 83 + 191 + 240$$

$$549 := 1^1 + 3^4 + 5^2 + 21^2 + 24^0 = 11 + 34 + 52 + 212 + 240$$

$$549 := 1^1 + 3^5 + 15^1 + 17^2 + 18^0 = 11 + 35 + 151 + 172 + 180$$

$$549 := 1^2 + 1^4 + 12^0 + 17^1 + 23^2 = 12 + 14 + 120 + 171 + 232$$

$$549 := 1^2 + 2^1 + 2^4 + 23^2 + 26^0 = 12 + 21 + 24 + 232 + 260$$

$$549 := 1^2 + 2^3 + 8^3 + 16^0 + 27^1 = 12 + 23 + 83 + 160 + 271$$

$$549 := 1^2 + 3^3 + 14^2 + 18^0 + 18^2 = 12 + 33 + 142 + 180 + 182$$

$$549 := 1^2 + 3^3 + 6^2 + 22^0 + 22^2 = 12 + 33 + 62 + 220 + 222$$

$$549 := 1^2 + 3^4 + 4^0 + 21^2 + 25^1 = 12 + 34 + 40 + 212 + 251$$

$$549 := 1^3 + 1^3 + 12^0 + 17^1 + 23^2 = 13 + 13 + 120 + 171 + 232$$

$$549 := 1^3 + 2^3 + 10^1 + 18^0 + 23^2 = 13 + 23 + 101 + 180 + 232$$

$$549 := 1^3 + 3^2 + 3^2 + 23^2 + 24^0 = 13 + 32 + 32 + 232 + 240$$

$$549 := 1^3 + 3^2 + 8^3 + 16^0 + 26^1 = 13 + 32 + 83 + 160 + 261$$

$$549 := 1^3 + 4^2 + 8^3 + 19^1 + 22^0 = 13 + 42 + 83 + 191 + 220$$

$$549 := 1^3 + 5^2 + 9^2 + 18^0 + 21^2 = 13 + 52 + 92 + 180 + 212$$

$$549 := 1^3 + 5^3 + 6^0 + 20^2 + 22^1 = 13 + 53 + 60 + 202 + 221$$

$$549 := 1^3 + 6^3 + 7^1 + 18^2 + 22^0 = 13 + 63 + 71 + 182 + 220$$

$$549 := 1^3 + 7^3 + 8^1 + 14^2 + 24^0 = 13 + 73 + 81 + 142 + 240$$

$$549 := 1^4 + 2^1 + 16^2 + 17^2 + 18^0 = 14 + 21 + 162 + 172 + 180$$

$$549 := 1^4 + 2^1 + 4^2 + 23^2 + 24^0 = 14 + 21 + 42 + 232 + 240$$

$$549 := 1^4 + 2^2 + 14^0 + 14^1 + 23^2 = 14 + 22 + 140 + 141 + 232$$

$$549 := 1^4 + 3^1 + 12^2 + 18^0 + 20^2 = 14 + 31 + 122 + 180 + 202$$

$$549 := 1^4 + 3^2 + 9^1 + 18^0 + 23^2 = 14 + 32 + 91 + 180 + 232$$

$$549 := 1^4 + 4^0 + 13^2 + 17^1 + 19^2 = 14 + 40 + 132 + 171 + 192$$

$$549 := 1^4 + 6^1 + 10^2 + 16^0 + 21^2 = 14 + 61 + 102 + 160 + 212$$

$$549 := 1^4 + 7^2 + 10^0 + 14^1 + 22^2 = 14 + 72 + 100 + 141 + 222$$

$$549 := 1^4 + 8^1 + 8^3 + 10^0 + 27^1 = 14 + 81 + 83 + 100 + 271$$

$$549 := 1^4 + 8^3 + 10^0 + 10^1 + 25^1 = 14 + 83 + 100 + 101 + 251$$

$$549 := 1^4 + 8^3 + 10^0 + 11^1 + 24^1 = 14 + 83 + 100 + 111 + 241$$

$$549 := 1^4 + 8^3 + 10^0 + 12^1 + 23^1 = 14 + 83 + 100 + 121 + 231$$

$$549 := 1^4 + 8^3 + 10^0 + 13^1 + 22^1 = 14 + 83 + 100 + 131 + 221$$

$$549 := 1^4 + 8^3 + 10^0 + 14^1 + 21^1 = 14 + 83 + 100 + 141 + 211$$

$$549 := 1^4 + 8^3 + 10^0 + 15^1 + 20^1 = 14 + 83 + 100 + 151 + 201$$

$$549 := 1^4 + 8^3 + 10^0 + 16^1 + 19^1 = 14 + 83 + 100 + 161 + 191$$

$$549 := 1^4 + 8^3 + 10^0 + 17^1 + 18^1 = 14 + 83 + 100 + 171 + 181$$

$$549 := 1^4 + 8^3 + 9^1 + 10^0 + 26^1 = 14 + 83 + 91 + 100 + 261$$

$$549 := 1^5 + 2^1 + 12^0 + 16^1 + 23^2 = 15 + 21 + 120 + 161 + 232$$

$$549 := 1^5 + 3^1 + 12^0 + 15^1 + 23^2 = 15 + 31 + 120 + 151 + 232$$

$$549 := 1^5 + 4^1 + 12^0 + 14^1 + 23^2 = 15 + 41 + 120 + 141 + 232$$

$$549 := 1^5 + 5^1 + 12^0 + 13^1 + 23^2 = 15 + 51 + 120 + 131 + 232$$

$$549 := 1^5 + 6^1 + 12^0 + 12^1 + 23^2 = 15 + 61 + 120 + 121 + 232$$

$$549 := 1^5 + 7^1 + 11^1 + 12^0 + 23^2 = 15 + 71 + 111 + 120 + 232$$

$$549 := 1^5 + 8^1 + 10^1 + 12^0 + 23^2 = 15 + 81 + 101 + 120 + 232$$

$$549 := 1^5 + 9^1 + 9^1 + 12^0 + 23^2 = 15 + 91 + 91 + 120 + 232$$

$$549 := 1^6 + 2^0 + 11^0 + 17^1 + 23^2 = 16 + 20 + 110 + 171 + 232$$

$$549 := 1^6 + 2^3 + 2^9 + 21^0 + 27^1 = 16 + 23 + 29 + 210 + 271$$

$$549 := 1^6 + 2^4 + 2^6 + 21^2 + 27^1 = 16 + 24 + 26 + 212 + 271$$

$$549 := 1^6 + 2^8 + 11^2 + 12^2 + 27^1 = 16 + 28 + 112 + 122 + 271$$

$$549 := 1^6 + 3^0 + 10^0 + 17^1 + 23^2 = 16 + 30 + 100 + 171 + 232$$

$$549 := 1^6 + 4^0 + 9^0 + 17^1 + 23^2 = 16 + 40 + 90 + 171 + 232$$

$$549 := 1^6 + 5^0 + 8^0 + 17^1 + 23^2 = 16 + 50 + 80 + 171 + 232$$

$$549 := 1^6 + 6^0 + 7^0 + 17^1 + 23^2 = 16 + 60 + 70 + 171 + 232$$

$$549 := 1^7 + 1^9 + 11^0 + 17^1 + 23^2 = 17 + 19 + 110 + 171 + 232$$

$$549 := 1^7 + 2^9 + 3^2 + 21^0 + 26^1 = 17 + 29 + 32 + 210 + 261$$

$$549 := 1^7 + 2^9 + 4^2 + 19^1 + 27^0 = 17 + 29 + 42 + 191 + 270$$

$$549 := 1^8 + 1^8 + 11^0 + 17^1 + 23^2 = 18 + 18 + 110 + 171 + 232$$

$$549 := 1^8 + 2^9 + 10^1 + 15^0 + 25^1 = 18 + 29 + 101 + 150 + 251$$

$$\begin{aligned}
 549 &:= 1^8 + 2^9 + 11^1 + 15^0 + 24^1 = 18 + 29 + 111 + 150 + 241 & 549 &:= 2^4 + 8^1 + 8^3 + 12^1 + 24^0 = 24 + 81 + 83 + 121 + 240 \\
 549 &:= 1^8 + 2^9 + 12^1 + 15^0 + 23^1 = 18 + 29 + 121 + 150 + 231 & 549 &:= 2^4 + 8^3 + 10^1 + 10^1 + 24^0 = 24 + 83 + 101 + 101 + 240 \\
 549 &:= 1^8 + 2^9 + 13^1 + 15^0 + 22^1 = 18 + 29 + 131 + 150 + 221 & 549 &:= 2^4 + 8^3 + 9^1 + 11^1 + 24^0 = 24 + 83 + 91 + 111 + 240 \\
 549 &:= 1^8 + 2^9 + 14^1 + 15^0 + 21^1 = 18 + 29 + 141 + 150 + 211 & 549 &:= 2^4 + 9^2 + 10^1 + 12^0 + 21^2 = 24 + 92 + 101 + 120 + 212 \\
 549 &:= 1^8 + 2^9 + 15^0 + 15^1 + 20^1 = 18 + 29 + 150 + 151 + 201 & 549 &:= 2^5 + 3^1 + 8^3 + 14^0 + 27^0 = 25 + 31 + 83 + 140 + 270 \\
 549 &:= 1^8 + 2^9 + 15^0 + 16^1 + 19^1 = 18 + 29 + 150 + 161 + 191 & 549 &:= 2^5 + 3^1 + 8^3 + 15^0 + 26^0 = 25 + 31 + 83 + 150 + 260 \\
 549 &:= 1^8 + 2^9 + 15^0 + 17^1 + 18^1 = 18 + 29 + 150 + 171 + 181 & 549 &:= 2^5 + 3^1 + 8^3 + 16^0 + 25^0 = 25 + 31 + 83 + 160 + 250 \\
 549 &:= 1^8 + 2^9 + 8^1 + 15^0 + 27^1 = 18 + 29 + 81 + 150 + 271 & 549 &:= 2^5 + 3^1 + 8^3 + 17^0 + 24^0 = 25 + 31 + 83 + 170 + 240 \\
 549 &:= 1^8 + 2^9 + 9^1 + 15^0 + 26^1 = 18 + 29 + 91 + 150 + 261 & 549 &:= 2^5 + 3^1 + 8^3 + 18^0 + 23^0 = 25 + 31 + 83 + 180 + 230 \\
 549 &:= 1^9 + 2^4 + 6^3 + 17^2 + 27^1 = 19 + 24 + 63 + 172 + 271 & 549 &:= 2^5 + 3^1 + 8^3 + 19^0 + 22^0 = 25 + 31 + 83 + 190 + 220 \\
 549 &:= 1^9 + 2^7 + 11^0 + 19^1 + 20^2 = 19 + 27 + 110 + 191 + 202 & 549 &:= 2^5 + 3^1 + 8^3 + 20^0 + 21^0 = 25 + 31 + 83 + 200 + 210 \\
 549 &:= 2^0 + 2^4 + 15^2 + 17^2 + 18^1 = 20 + 24 + 152 + 172 + 181 & 549 &:= 2^8 + 2^8 + 3^2 + 19^0 + 27^1 = 28 + 28 + 32 + 190 + 271 \\
 549 &:= 2^0 + 2^4 + 5^2 + 22^2 + 23^1 = 20 + 24 + 52 + 222 + 231 & 549 &:= 2^8 + 2^8 + 4^2 + 20^1 + 25^0 = 28 + 28 + 42 + 201 + 250 \\
 549 &:= 2^1 + 2^4 + 13^2 + 18^0 + 19^2 = 21 + 24 + 132 + 180 + 192 & 549 &:= 3^1 + 3^4 + 8^2 + 20^0 + 20^2 = 31 + 34 + 82 + 200 + 202 \\
 549 &:= 2^1 + 2^4 + 8^3 + 18^1 + 24^0 = 21 + 24 + 83 + 181 + 240 & 549 &:= 3^1 + 3^5 + 13^1 + 17^2 + 18^0 = 31 + 35 + 131 + 172 + 180 \\
 549 &:= 2^1 + 3^5 + 14^1 + 17^2 + 18^0 = 21 + 35 + 141 + 172 + 180 & 549 &:= 3^1 + 4^4 + 8^2 + 15^2 + 24^0 = 31 + 44 + 82 + 152 + 240 \\
 549 &:= 2^1 + 4^4 + 11^2 + 13^2 + 24^0 = 21 + 44 + 112 + 132 + 240 & 549 &:= 3^2 + 3^3 + 16^0 + 16^2 + 16^2 = 32 + 33 + 160 + 162 + 162 \\
 549 &:= 2^2 + 2^2 + 6^3 + 18^2 + 26^0 = 22 + 22 + 63 + 182 + 260 & 549 &:= 3^2 + 3^4 + 10^0 + 17^1 + 21^2 = 32 + 34 + 100 + 171 + 212 \\
 549 &:= 2^2 + 2^3 + 8^3 + 18^0 + 24^1 = 22 + 23 + 83 + 180 + 241 & 549 &:= 3^2 + 4^0 + 4^4 + 16^2 + 27^1 = 32 + 40 + 44 + 162 + 271 \\
 549 &:= 2^2 + 3^4 + 6^0 + 21^2 + 22^1 = 22 + 34 + 60 + 212 + 221 & 549 &:= 3^3 + 10^2 + 12^0 + 14^2 + 15^2 = 33 + 102 + 120 + 142 + 152 \\
 549 &:= 2^3 + 2^3 + 3^1 + 23^2 + 24^0 = 23 + 23 + 31 + 232 + 240 & 549 &:= 3^3 + 11^2 + 12^0 + 12^2 + 16^2 = 33 + 112 + 120 + 122 + 162 \\
 549 &:= 2^3 + 3^2 + 8^3 + 19^1 + 22^0 = 23 + 32 + 83 + 191 + 220 & 549 &:= 3^3 + 3^3 + 10^1 + 16^0 + 22^2 = 33 + 33 + 101 + 160 + 222 \\
 549 &:= 2^3 + 3^3 + 8^3 + 14^0 + 27^0 = 23 + 33 + 83 + 140 + 270 & 549 &:= 3^3 + 4^2 + 12^2 + 16^0 + 19^2 = 33 + 42 + 122 + 160 + 192 \\
 549 &:= 2^3 + 3^3 + 8^3 + 15^0 + 26^0 = 23 + 33 + 83 + 150 + 260 & 549 &:= 3^3 + 4^2 + 8^2 + 18^0 + 21^2 = 33 + 42 + 82 + 180 + 212 \\
 549 &:= 2^3 + 3^3 + 8^3 + 16^0 + 25^0 = 23 + 33 + 83 + 160 + 250 & 549 &:= 3^3 + 4^3 + 10^0 + 16^1 + 21^2 = 33 + 43 + 100 + 161 + 212 \\
 549 &:= 2^3 + 3^3 + 8^3 + 17^0 + 24^0 = 23 + 33 + 83 + 170 + 240 & 549 &:= 3^3 + 6^2 + 14^0 + 14^2 + 17^2 = 33 + 62 + 140 + 142 + 172 \\
 549 &:= 2^3 + 3^3 + 8^3 + 18^0 + 23^0 = 23 + 33 + 83 + 180 + 230 & 549 &:= 3^3 + 6^3 + 12^0 + 16^1 + 17^2 = 33 + 63 + 120 + 161 + 172 \\
 549 &:= 2^3 + 3^3 + 8^3 + 19^0 + 22^0 = 23 + 33 + 83 + 190 + 220 & 549 &:= 3^3 + 7^3 + 9^1 + 13^2 + 22^0 = 33 + 73 + 91 + 132 + 220 \\
 549 &:= 2^3 + 3^3 + 8^3 + 20^0 + 21^0 = 23 + 33 + 83 + 200 + 210 & 549 &:= 3^4 + 4^0 + 15^2 + 15^2 + 17^1 = 34 + 40 + 152 + 152 + 171 \\
 549 &:= 2^3 + 5^3 + 12^0 + 15^1 + 20^2 = 23 + 53 + 120 + 151 + 202 & 549 &:= 3^4 + 4^2 + 10^1 + 16^0 + 21^2 = 34 + 42 + 101 + 160 + 212 \\
 549 &:= 2^4 + 10^0 + 11^1 + 11^2 + 20^2 = 24 + 100 + 111 + 112 + 202 & 549 &:= 3^4 + 6^0 + 14^2 + 15^1 + 16^2 = 34 + 60 + 142 + 151 + 162 \\
 549 &:= 2^4 + 3^1 + 8^3 + 17^1 + 24^0 = 24 + 31 + 83 + 171 + 240 & 549 &:= 3^4 + 6^0 + 7^2 + 18^1 + 20^2 = 34 + 60 + 72 + 181 + 202 \\
 549 &:= 2^4 + 4^1 + 8^3 + 16^1 + 24^0 = 24 + 41 + 83 + 161 + 240 & 549 &:= 3^4 + 6^1 + 10^2 + 16^0 + 19^2 = 34 + 61 + 102 + 160 + 192 \\
 549 &:= 2^4 + 5^1 + 8^3 + 15^1 + 24^0 = 24 + 51 + 83 + 151 + 240 & 549 &:= 3^4 + 9^1 + 12^0 + 13^2 + 17^2 = 34 + 91 + 120 + 132 + 172 \\
 549 &:= 2^4 + 6^1 + 8^3 + 14^1 + 24^0 = 24 + 61 + 83 + 141 + 240 & 549 &:= 3^5 + 4^1 + 12^1 + 17^2 + 18^0 = 35 + 41 + 121 + 172 + 180 \\
 549 &:= 2^4 + 6^2 + 12^0 + 12^1 + 22^2 = 24 + 62 + 120 + 121 + 222 & 549 &:= 3^5 + 5^1 + 11^1 + 17^2 + 18^0 = 35 + 51 + 111 + 172 + 180 \\
 549 &:= 2^4 + 7^1 + 8^3 + 13^1 + 24^0 = 24 + 71 + 83 + 131 + 240 & 549 &:= 3^5 + 6^1 + 10^1 + 17^2 + 18^0 = 35 + 61 + 101 + 172 + 180 \\
 549 &:= 2^4 + 8^0 + 12^1 + 14^2 + 18^2 = 24 + 80 + 121 + 142 + 182 & 549 &:= 3^5 + 7^1 + 9^1 + 17^2 + 18^0 = 35 + 71 + 91 + 172 + 180
 \end{aligned}$$

$$\begin{aligned}
 549 &:= 3^5 + 8^1 + 8^1 + 17^2 + 18^0 = 35 + 81 + 81 + 172 + 180 \\
 549 &:= 4^0 + 4^4 + 10^2 + 13^2 + 23^1 = 40 + 44 + 102 + 132 + 231 \\
 549 &:= 4^1 + 4^4 + 12^2 + 12^2 + 22^0 = 41 + 44 + 122 + 122 + 220 \\
 549 &:= 4^2 + 4^3 + 12^2 + 16^0 + 18^2 = 42 + 43 + 122 + 160 + 182 \\
 549 &:= 4^2 + 4^4 + 10^0 + 16^2 + 20^1 = 42 + 44 + 100 + 162 + 201 \\
 549 &:= 4^3 + 12^0 + 12^2 + 12^2 + 14^2 = 43 + 120 + 122 + 122 + 142 \\
 549 &:= 4^3 + 4^3 + 6^0 + 20^1 + 20^2 = 43 + 43 + 60 + 201 + 202 \\
 549 &:= 4^3 + 6^3 + 12^1 + 16^0 + 16^2 = 43 + 63 + 121 + 160 + 162 \\
 549 &:= 4^3 + 7^3 + 11^2 + 12^0 + 20^1 = 43 + 73 + 112 + 120 + 201 \\
 549 &:= 4^4 + 5^2 + 11^1 + 16^2 + 18^0 = 44 + 52 + 111 + 162 + 180
 \end{aligned}$$

$$\begin{aligned}
 549 &:= 4^4 + 7^2 + 10^0 + 15^2 + 18^1 = 44 + 72 + 100 + 152 + 181 \\
 549 &:= 4^4 + 9^2 + 12^0 + 14^2 + 15^1 = 44 + 92 + 120 + 142 + 151 \\
 549 &:= 5^2 + 6^2 + 7^3 + 12^2 + 24^0 = 52 + 62 + 73 + 122 + 240 \\
 549 &:= 5^3 + 5^3 + 9^1 + 17^2 + 18^0 = 53 + 53 + 91 + 172 + 180 \\
 549 &:= 5^3 + 6^3 + 11^1 + 14^2 + 18^0 = 53 + 63 + 111 + 142 + 180 \\
 549 &:= 5^3 + 7^3 + 8^2 + 16^1 + 18^0 = 53 + 73 + 82 + 161 + 180 \\
 549 &:= 6^2 + 6^3 + 10^2 + 14^2 + 18^0 = 62 + 63 + 102 + 142 + 180 \\
 549 &:= 6^3 + 6^3 + 10^2 + 16^0 + 16^1 = 63 + 63 + 102 + 160 + 161
 \end{aligned}$$

2.2.451 Number 550

$$\begin{aligned}
 550 &:= 2^9 + 15^0 + 37^1 = 29 + 150 + 371 \\
 550 &:= 1^0 + 2^9 + 15^0 + 36^1 = 10 + 29 + 150 + 361 \\
 550 &:= 1^2 + 2^6 + 22^2 + 29^0 = 12 + 26 + 222 + 290 \\
 550 &:= 1^5 + 4^3 + 22^2 + 27^0 = 15 + 43 + 222 + 270 \\
 550 &:= 1^5 + 6^2 + 8^3 + 39^0 = 15 + 62 + 83 + 390 \\
 550 &:= 1^6 + 8^2 + 22^2 + 23^0 = 16 + 82 + 222 + 230 \\
 550 &:= 1^6 + 8^3 + 9^0 + 36^1 = 16 + 83 + 90 + 361 \\
 550 &:= 1^7 + 11^0 + 19^1 + 23^2 = 17 + 110 + 191 + 232 \\
 550 &:= 1^9 + 2^9 + 6^2 + 44^0 = 19 + 29 + 62 + 440 \\
 550 &:= 2^0 + 2^9 + 14^0 + 36^1 = 20 + 29 + 140 + 361 \\
 550 &:= 2^4 + 6^3 + 17^2 + 29^1 = 24 + 63 + 172 + 291 \\
 550 &:= 2^6 + 14^2 + 17^2 + 21^0 = 26 + 142 + 172 + 210 \\
 550 &:= 2^7 + 11^0 + 20^2 + 21^1 = 27 + 110 + 202 + 211 \\
 550 &:= 2^9 + 3^0 + 13^0 + 36^1 = 29 + 30 + 130 + 361 \\
 550 &:= 2^9 + 4^0 + 12^0 + 36^1 = 29 + 40 + 120 + 361 \\
 550 &:= 2^9 + 5^0 + 11^0 + 36^1 = 29 + 50 + 110 + 361 \\
 550 &:= 2^9 + 6^0 + 10^0 + 36^1 = 29 + 60 + 100 + 361 \\
 550 &:= 2^9 + 7^0 + 9^0 + 36^1 = 29 + 70 + 90 + 361 \\
 550 &:= 2^9 + 8^0 + 8^0 + 36^1 = 29 + 80 + 80 + 361 \\
 550 &:= 3^4 + 5^3 + 7^3 + 39^0 = 34 + 53 + 73 + 390 \\
 550 &:= 1^0 + 1^7 + 11^0 + 18^1 + 23^2 = 10 + 17 + 110 + 181 + 232 \\
 550 &:= 1^0 + 2^7 + 11^0 + 20^1 + 20^2 = 10 + 27 + 110 + 201 + 202 \\
 550 &:= 1^1 + 1^6 + 11^0 + 18^1 + 23^2 = 11 + 16 + 110 + 181 + 232 \\
 550 &:= 1^1 + 2^4 + 15^2 + 17^2 + 19^1 = 11 + 24 + 152 + 172 + 191 \\
 550 &:= 1^1 + 2^4 + 5^2 + 22^2 + 24^1 = 11 + 24 + 52 + 222 + 241 \\
 550 &:= 1^1 + 3^5 + 7^2 + 16^2 + 27^0 = 11 + 35 + 72 + 162 + 270
 \end{aligned}$$

$$\begin{aligned}
 550 &:= 1^2 + 1^5 + 11^0 + 18^1 + 23^2 = 12 + 15 + 110 + 181 + 232 \\
 550 &:= 1^2 + 2^3 + 11^2 + 20^1 + 20^2 = 12 + 23 + 112 + 201 + 202 \\
 550 &:= 1^2 + 2^3 + 6^3 + 18^2 + 27^0 = 12 + 23 + 63 + 182 + 270 \\
 550 &:= 1^2 + 2^4 + 8^3 + 20^1 + 23^0 = 12 + 24 + 83 + 201 + 230 \\
 550 &:= 1^2 + 3^5 + 16^1 + 17^0 + 17^2 = 12 + 35 + 161 + 170 + 172 \\
 550 &:= 1^2 + 4^3 + 8^2 + 20^2 + 21^1 = 12 + 43 + 82 + 202 + 211 \\
 550 &:= 1^2 + 4^4 + 6^2 + 16^2 + 27^0 = 12 + 44 + 62 + 162 + 270 \\
 550 &:= 1^3 + 1^4 + 11^0 + 18^1 + 23^2 = 13 + 14 + 110 + 181 + 232 \\
 550 &:= 1^3 + 12^2 + 13^1 + 14^2 + 14^2 = 13 + 122 + 131 + 142 + 142 \\
 550 &:= 1^3 + 2^4 + 3^1 + 23^2 + 25^0 = 13 + 24 + 31 + 232 + 250 \\
 550 &:= 1^3 + 3^0 + 3^4 + 21^2 + 26^1 = 13 + 30 + 34 + 212 + 261 \\
 550 &:= 1^3 + 3^2 + 11^2 + 19^1 + 20^2 = 13 + 32 + 112 + 191 + 202 \\
 550 &:= 1^3 + 3^3 + 11^2 + 19^0 + 20^2 = 13 + 33 + 112 + 190 + 202 \\
 550 &:= 1^3 + 5^2 + 8^2 + 19^1 + 21^2 = 13 + 52 + 82 + 191 + 212 \\
 550 &:= 1^3 + 6^2 + 7^3 + 13^2 + 27^0 = 13 + 62 + 73 + 132 + 270 \\
 550 &:= 1^3 + 7^2 + 14^2 + 15^1 + 17^2 = 13 + 72 + 142 + 151 + 172 \\
 550 &:= 1^4 + 2^2 + 12^2 + 19^0 + 20^2 = 14 + 22 + 122 + 190 + 202 \\
 550 &:= 1^4 + 2^3 + 11^1 + 17^0 + 23^2 = 14 + 23 + 111 + 170 + 232 \\
 550 &:= 1^4 + 3^2 + 8^3 + 15^0 + 27^1 = 14 + 32 + 83 + 150 + 271 \\
 550 &:= 1^4 + 4^2 + 8^3 + 20^1 + 21^0 = 14 + 42 + 83 + 201 + 210 \\
 550 &:= 1^4 + 5^0 + 5^3 + 20^2 + 23^1 = 14 + 50 + 53 + 202 + 231 \\
 550 &:= 1^4 + 6^2 + 15^0 + 16^2 + 16^2 = 14 + 62 + 150 + 162 + 162 \\
 550 &:= 1^4 + 6^3 + 8^1 + 18^2 + 21^0 = 14 + 63 + 81 + 182 + 210 \\
 550 &:= 1^4 + 7^3 + 9^1 + 14^2 + 23^0 = 14 + 73 + 91 + 142 + 230 \\
 550 &:= 1^5 + 2^2 + 13^0 + 15^1 + 23^2 = 15 + 22 + 130 + 151 + 232 \\
 550 &:= 1^5 + 3^0 + 13^2 + 18^1 + 19^2 = 15 + 30 + 132 + 181 + 192
 \end{aligned}$$

$$\begin{aligned} 550 &:= 1^5 + 3^1 + 16^2 + 17^0 + 17^2 = 15 + 31 + 162 + 170 + 172 \\ 550 &:= 1^5 + 3^1 + 4^2 + 23^0 + 23^2 = 15 + 31 + 42 + 230 + 232 \\ 550 &:= 1^5 + 3^2 + 10^1 + 17^0 + 23^2 = 15 + 32 + 101 + 170 + 232 \\ 550 &:= 1^5 + 4^1 + 12^2 + 17^0 + 20^2 = 15 + 41 + 122 + 170 + 202 \\ 550 &:= 1^5 + 7^1 + 10^2 + 15^0 + 21^2 = 15 + 71 + 102 + 150 + 212 \\ 550 &:= 1^5 + 7^2 + 9^0 + 15^1 + 22^2 = 15 + 72 + 90 + 151 + 222 \\ 550 &:= 1^5 + 8^3 + 9^0 + 10^1 + 26^1 = 15 + 83 + 90 + 101 + 261 \\ 550 &:= 1^5 + 8^3 + 9^0 + 11^1 + 25^1 = 15 + 83 + 90 + 111 + 251 \\ 550 &:= 1^5 + 8^3 + 9^0 + 12^1 + 24^1 = 15 + 83 + 90 + 121 + 241 \\ 550 &:= 1^5 + 8^3 + 9^0 + 13^1 + 23^1 = 15 + 83 + 90 + 131 + 231 \\ 550 &:= 1^5 + 8^3 + 9^0 + 14^1 + 22^1 = 15 + 83 + 90 + 141 + 221 \\ 550 &:= 1^5 + 8^3 + 9^0 + 15^1 + 21^1 = 15 + 83 + 90 + 151 + 211 \\ 550 &:= 1^5 + 8^3 + 9^0 + 16^1 + 20^1 = 15 + 83 + 90 + 161 + 201 \\ 550 &:= 1^5 + 8^3 + 9^0 + 17^1 + 19^1 = 15 + 83 + 90 + 171 + 191 \\ 550 &:= 1^5 + 8^3 + 9^0 + 18^1 + 18^1 = 15 + 83 + 90 + 181 + 181 \\ 550 &:= 1^5 + 8^3 + 9^0 + 9^1 + 27^1 = 15 + 83 + 90 + 91 + 271 \\ 550 &:= 1^6 + 2^1 + 11^0 + 17^1 + 23^2 = 16 + 21 + 110 + 171 + 232 \\ 550 &:= 1^6 + 3^1 + 11^0 + 16^1 + 23^2 = 16 + 31 + 110 + 161 + 232 \\ 550 &:= 1^6 + 4^1 + 11^0 + 15^1 + 23^2 = 16 + 41 + 110 + 151 + 232 \\ 550 &:= 1^6 + 5^1 + 11^0 + 14^1 + 23^2 = 16 + 51 + 110 + 141 + 232 \\ 550 &:= 1^6 + 6^1 + 11^0 + 13^1 + 23^2 = 16 + 61 + 110 + 131 + 232 \\ 550 &:= 1^6 + 7^1 + 11^0 + 12^1 + 23^2 = 16 + 71 + 110 + 121 + 232 \\ 550 &:= 1^6 + 8^1 + 11^0 + 11^1 + 23^2 = 16 + 81 + 110 + 111 + 232 \\ 550 &:= 1^6 + 9^1 + 10^1 + 11^0 + 23^2 = 16 + 91 + 101 + 110 + 232 \\ 550 &:= 1^7 + 2^0 + 10^0 + 18^1 + 23^2 = 17 + 20 + 100 + 181 + 232 \\ 550 &:= 1^7 + 3^0 + 9^0 + 18^1 + 23^2 = 17 + 30 + 90 + 181 + 232 \\ 550 &:= 1^7 + 4^0 + 8^0 + 18^1 + 23^2 = 17 + 40 + 80 + 181 + 232 \\ 550 &:= 1^7 + 5^0 + 7^0 + 18^1 + 23^2 = 17 + 50 + 70 + 181 + 232 \\ 550 &:= 1^7 + 6^0 + 6^0 + 18^1 + 23^2 = 17 + 60 + 60 + 181 + 232 \\ 550 &:= 1^8 + 1^9 + 10^0 + 18^1 + 23^2 = 18 + 19 + 100 + 181 + 232 \\ 550 &:= 1^8 + 2^5 + 2^5 + 22^2 + 26^0 = 18 + 25 + 25 + 222 + 260 \\ 550 &:= 1^8 + 2^9 + 3^2 + 20^0 + 27^1 = 18 + 29 + 32 + 200 + 271 \\ 550 &:= 1^8 + 2^9 + 4^2 + 20^1 + 26^0 = 18 + 29 + 42 + 201 + 260 \\ 550 &:= 1^9 + 2^9 + 10^1 + 14^0 + 26^1 = 19 + 29 + 101 + 140 + 261 \\ 550 &:= 1^9 + 2^9 + 11^1 + 14^0 + 25^1 = 19 + 29 + 111 + 140 + 251 \\ 550 &:= 1^9 + 2^9 + 12^1 + 14^0 + 24^1 = 19 + 29 + 121 + 140 + 241 \\ 550 &:= 1^9 + 2^9 + 13^1 + 14^0 + 23^1 = 19 + 29 + 131 + 140 + 231 \\ 550 &:= 1^9 + 2^9 + 14^0 + 14^1 + 22^1 = 19 + 29 + 140 + 141 + 221 \end{aligned}$$

$$\begin{aligned} 550 &:= 1^9 + 2^9 + 14^0 + 15^1 + 21^1 = 19 + 29 + 140 + 151 + 211 \\ 550 &:= 1^9 + 2^9 + 14^0 + 16^1 + 20^1 = 19 + 29 + 140 + 161 + 201 \\ 550 &:= 1^9 + 2^9 + 14^0 + 17^1 + 19^1 = 19 + 29 + 140 + 171 + 191 \\ 550 &:= 1^9 + 2^9 + 14^0 + 18^1 + 18^1 = 19 + 29 + 140 + 181 + 181 \\ 550 &:= 1^9 + 2^9 + 9^1 + 14^0 + 27^1 = 19 + 29 + 91 + 140 + 271 \\ 550 &:= 2^0 + 2^7 + 10^0 + 20^1 + 20^2 = 20 + 27 + 100 + 201 + 202 \\ 550 &:= 2^1 + 2^4 + 15^2 + 17^2 + 18^1 = 21 + 24 + 152 + 172 + 181 \\ 550 &:= 2^1 + 2^4 + 5^2 + 22^2 + 23^1 = 21 + 24 + 52 + 222 + 231 \\ 550 &:= 2^2 + 2^3 + 14^2 + 18^1 + 18^2 = 22 + 23 + 142 + 181 + 182 \\ 550 &:= 2^2 + 2^3 + 2^3 + 23^2 + 25^0 = 22 + 23 + 23 + 232 + 250 \\ 550 &:= 2^2 + 2^4 + 8^3 + 17^1 + 25^0 = 22 + 24 + 83 + 171 + 250 \\ 550 &:= 2^2 + 2^5 + 8^3 + 15^0 + 27^0 = 22 + 25 + 83 + 150 + 270 \\ 550 &:= 2^2 + 2^5 + 8^3 + 16^0 + 26^0 = 22 + 25 + 83 + 160 + 260 \\ 550 &:= 2^2 + 2^5 + 8^3 + 17^0 + 25^0 = 22 + 25 + 83 + 170 + 250 \\ 550 &:= 2^2 + 2^5 + 8^3 + 18^0 + 24^0 = 22 + 25 + 83 + 180 + 240 \\ 550 &:= 2^2 + 2^5 + 8^3 + 19^0 + 23^0 = 22 + 25 + 83 + 190 + 230 \\ 550 &:= 2^2 + 2^5 + 8^3 + 20^0 + 22^0 = 22 + 25 + 83 + 200 + 220 \\ 550 &:= 2^2 + 2^5 + 8^3 + 21^0 + 21^0 = 22 + 25 + 83 + 210 + 210 \\ 550 &:= 2^2 + 3^3 + 10^2 + 19^1 + 20^2 = 22 + 33 + 102 + 191 + 202 \\ 550 &:= 2^2 + 3^4 + 8^2 + 20^2 + 21^0 = 22 + 34 + 82 + 202 + 210 \\ 550 &:= 2^2 + 3^5 + 13^1 + 17^2 + 19^0 = 22 + 35 + 131 + 172 + 190 \\ 550 &:= 2^2 + 4^2 + 6^3 + 17^2 + 25^1 = 22 + 42 + 63 + 172 + 251 \\ 550 &:= 2^2 + 4^4 + 8^2 + 15^2 + 25^0 = 22 + 44 + 82 + 152 + 250 \\ 550 &:= 2^3 + 2^3 + 7^2 + 21^0 + 22^2 = 23 + 23 + 72 + 210 + 222 \\ 550 &:= 2^3 + 2^3 + 8^3 + 21^0 + 21^1 = 23 + 23 + 83 + 210 + 211 \\ 550 &:= 2^3 + 3^3 + 15^2 + 17^0 + 17^2 = 23 + 33 + 152 + 170 + 172 \\ 550 &:= 2^3 + 3^4 + 9^0 + 19^1 + 21^2 = 23 + 34 + 90 + 191 + 212 \\ 550 &:= 2^3 + 4^2 + 5^3 + 20^2 + 23^0 = 23 + 42 + 53 + 202 + 230 \\ 550 &:= 2^3 + 4^3 + 6^2 + 21^0 + 21^2 = 23 + 43 + 62 + 210 + 212 \\ 550 &:= 2^3 + 5^2 + 10^2 + 17^1 + 20^2 = 23 + 52 + 102 + 171 + 202 \\ 550 &:= 2^3 + 6^2 + 6^3 + 17^2 + 23^0 = 23 + 62 + 63 + 172 + 230 \\ 550 &:= 2^3 + 6^3 + 10^2 + 15^2 + 21^0 = 23 + 63 + 102 + 152 + 210 \\ 550 &:= 2^4 + 10^1 + 10^1 + 15^2 + 17^2 = 24 + 101 + 101 + 152 + 172 \\ 550 &:= 2^4 + 10^2 + 12^2 + 13^0 + 17^2 = 24 + 102 + 122 + 130 + 172 \\ 550 &:= 2^4 + 3^1 + 15^2 + 17^1 + 17^2 = 24 + 31 + 152 + 171 + 172 \\ 550 &:= 2^4 + 3^1 + 5^2 + 22^1 + 22^2 = 24 + 31 + 52 + 221 + 222 \\ 550 &:= 2^4 + 3^3 + 5^0 + 22^1 + 22^2 = 24 + 33 + 50 + 221 + 222 \\ 550 &:= 2^4 + 4^1 + 15^2 + 16^1 + 17^2 = 24 + 41 + 152 + 161 + 172 \end{aligned}$$

$$\begin{aligned} 550 &:= 2^4 + 4^1 + 5^2 + 21^1 + 22^2 = 24 + 41 + 52 + 211 + 222 & 550 &:= 3^3 + 8^2 + 11^2 + 14^1 + 18^2 = 33 + 82 + 112 + 141 + 182 \\ 550 &:= 2^4 + 5^1 + 15^1 + 15^2 + 17^2 = 24 + 51 + 151 + 152 + 172 & 550 &:= 3^4 + 4^1 + 4^3 + 20^2 + 23^0 = 34 + 41 + 43 + 202 + 230 \\ 550 &:= 2^4 + 5^1 + 5^2 + 20^1 + 22^2 = 24 + 51 + 52 + 201 + 222 & 550 &:= 3^4 + 4^2 + 14^2 + 16^2 + 17^0 = 34 + 42 + 142 + 162 + 170 \\ 550 &:= 2^4 + 5^2 + 10^1 + 15^1 + 22^2 = 24 + 52 + 101 + 151 + 222 & 550 &:= 3^4 + 5^3 + 9^0 + 18^2 + 19^1 = 34 + 53 + 90 + 182 + 191 \\ 550 &:= 2^4 + 5^2 + 11^1 + 14^1 + 22^2 = 24 + 52 + 111 + 141 + 222 & 550 &:= 3^4 + 7^3 + 9^0 + 10^2 + 25^1 = 34 + 73 + 90 + 102 + 251 \\ 550 &:= 2^4 + 5^2 + 12^1 + 13^1 + 22^2 = 24 + 52 + 121 + 131 + 222 & 550 &:= 3^5 + 10^1 + 10^2 + 14^2 + 17^0 = 35 + 101 + 102 + 142 + 170 \\ 550 &:= 2^4 + 5^2 + 6^1 + 19^1 + 22^2 = 24 + 52 + 61 + 191 + 222 & 550 &:= 3^5 + 11^0 + 11^2 + 13^2 + 16^1 = 35 + 110 + 112 + 132 + 161 \\ 550 &:= 2^4 + 5^2 + 7^1 + 18^1 + 22^2 = 24 + 52 + 71 + 181 + 222 & 550 &:= 3^5 + 5^0 + 5^2 + 16^2 + 25^1 = 35 + 50 + 52 + 162 + 251 \\ 550 &:= 2^4 + 5^2 + 8^1 + 17^1 + 22^2 = 24 + 52 + 81 + 171 + 222 & 550 &:= 3^5 + 6^2 + 14^1 + 15^0 + 16^2 = 35 + 62 + 141 + 150 + 162 \\ 550 &:= 2^4 + 5^2 + 9^1 + 16^1 + 22^2 = 24 + 52 + 91 + 161 + 222 & 550 &:= 3^5 + 8^2 + 11^0 + 15^2 + 17^1 = 35 + 82 + 110 + 152 + 171 \\ 550 &:= 2^4 + 5^3 + 8^1 + 19^0 + 20^2 = 24 + 53 + 81 + 190 + 202 & 550 &:= 3^5 + 9^0 + 12^2 + 12^2 + 18^1 = 35 + 90 + 122 + 122 + 181 \\ 550 &:= 2^4 + 6^1 + 14^1 + 15^2 + 17^2 = 24 + 61 + 141 + 152 + 172 & 550 &:= 4^1 + 4^3 + 4^4 + 15^2 + 27^0 = 41 + 43 + 44 + 152 + 270 \\ 550 &:= 2^4 + 7^1 + 13^1 + 15^2 + 17^2 = 24 + 71 + 131 + 152 + 172 & 550 &:= 4^2 + 4^4 + 9^2 + 14^2 + 23^0 = 42 + 44 + 92 + 142 + 230 \\ 550 &:= 2^4 + 7^3 + 11^0 + 13^2 + 21^1 = 24 + 73 + 110 + 132 + 211 & 550 &:= 4^2 + 5^3 + 14^2 + 14^2 + 17^1 = 42 + 53 + 142 + 142 + 171 \\ 550 &:= 2^4 + 8^1 + 12^1 + 15^2 + 17^2 = 24 + 81 + 121 + 152 + 172 & 550 &:= 4^3 + 4^3 + 14^2 + 15^2 + 17^0 = 43 + 43 + 142 + 152 + 170 \\ 550 &:= 2^4 + 9^1 + 11^1 + 15^2 + 17^2 = 24 + 91 + 111 + 152 + 172 & 550 &:= 4^3 + 5^2 + 11^2 + 16^1 + 18^2 = 43 + 52 + 112 + 161 + 182 \\ 550 &:= 2^4 + 9^2 + 13^0 + 14^2 + 16^2 = 24 + 92 + 130 + 142 + 162 & 550 &:= 4^3 + 5^3 + 6^2 + 18^2 + 21^0 = 43 + 53 + 62 + 182 + 210 \\ 550 &:= 2^5 + 3^0 + 3^2 + 22^2 + 24^1 = 25 + 30 + 32 + 222 + 241 & 550 &:= 4^3 + 5^3 + 7^3 + 17^1 + 21^0 = 43 + 53 + 73 + 171 + 210 \\ 550 &:= 2^5 + 3^1 + 15^2 + 17^0 + 17^2 = 25 + 31 + 152 + 170 + 172 & 550 &:= 4^3 + 6^3 + 10^2 + 13^2 + 21^0 = 43 + 63 + 102 + 132 + 210 \\ 550 &:= 2^5 + 4^2 + 9^0 + 17^1 + 22^2 = 25 + 42 + 90 + 171 + 222 & 550 &:= 4^3 + 9^2 + 13^1 + 14^2 + 14^2 = 43 + 92 + 131 + 142 + 142 \\ 550 &:= 2^5 + 5^0 + 10^2 + 17^1 + 20^2 = 25 + 50 + 102 + 171 + 202 & 550 &:= 4^4 + 4^4 + 6^2 + 13^0 + 27^0 = 44 + 44 + 62 + 130 + 270 \\ 550 &:= 2^5 + 5^1 + 15^0 + 16^2 + 16^2 = 25 + 51 + 150 + 162 + 162 & 550 &:= 4^4 + 4^4 + 6^2 + 14^0 + 26^0 = 44 + 44 + 62 + 140 + 260 \\ 550 &:= 2^5 + 5^2 + 8^1 + 17^0 + 22^2 = 25 + 52 + 81 + 170 + 222 & 550 &:= 4^4 + 4^4 + 6^2 + 15^0 + 25^0 = 44 + 44 + 62 + 150 + 250 \\ 550 &:= 2^5 + 8^2 + 11^0 + 12^1 + 21^2 = 25 + 82 + 110 + 121 + 212 & 550 &:= 4^4 + 4^4 + 6^2 + 16^0 + 24^0 = 44 + 44 + 62 + 160 + 240 \\ 550 &:= 2^5 + 9^0 + 12^1 + 12^2 + 19^2 = 25 + 90 + 121 + 122 + 192 & 550 &:= 4^4 + 4^4 + 6^2 + 17^0 + 23^0 = 44 + 44 + 62 + 170 + 230 \\ 550 &:= 2^7 + 3^0 + 9^0 + 20^1 + 20^2 = 27 + 30 + 90 + 201 + 202 & 550 &:= 4^4 + 4^4 + 6^2 + 18^0 + 22^0 = 44 + 44 + 62 + 180 + 220 \\ 550 &:= 2^7 + 4^0 + 8^0 + 20^1 + 20^2 = 27 + 40 + 80 + 201 + 202 & 550 &:= 4^4 + 4^4 + 6^2 + 19^0 + 21^0 = 44 + 44 + 62 + 190 + 210 \\ 550 &:= 2^7 + 5^0 + 7^0 + 20^1 + 20^2 = 27 + 50 + 70 + 201 + 202 & 550 &:= 4^4 + 4^4 + 6^2 + 20^0 + 20^0 = 44 + 44 + 62 + 200 + 200 \\ 550 &:= 2^7 + 6^0 + 6^0 + 20^1 + 20^2 = 27 + 60 + 60 + 201 + 202 & 550 &:= 4^4 + 4^4 + 9^0 + 10^1 + 27^1 = 44 + 44 + 90 + 101 + 271 \\ 550 &:= 3^0 + 3^4 + 6^3 + 15^2 + 27^1 = 30 + 34 + 63 + 152 + 271 & 550 &:= 4^4 + 4^4 + 9^0 + 11^1 + 26^1 = 44 + 44 + 90 + 111 + 261 \\ 550 &:= 3^2 + 3^5 + 8^1 + 17^2 + 23^0 = 32 + 35 + 81 + 172 + 230 & 550 &:= 4^4 + 4^4 + 9^0 + 12^1 + 25^1 = 44 + 44 + 90 + 121 + 251 \\ 550 &:= 3^3 + 10^2 + 11^2 + 13^1 + 17^2 = 33 + 102 + 112 + 131 + 172 & 550 &:= 4^4 + 4^4 + 9^0 + 13^1 + 24^1 = 44 + 44 + 90 + 131 + 241 \\ 550 &:= 3^3 + 4^3 + 13^2 + 17^0 + 17^2 = 33 + 43 + 132 + 170 + 172 & 550 &:= 4^4 + 4^4 + 9^0 + 14^1 + 23^1 = 44 + 44 + 90 + 141 + 231 \\ 550 &:= 3^3 + 4^4 + 10^1 + 16^2 + 21^0 = 33 + 44 + 101 + 162 + 210 & 550 &:= 4^4 + 4^4 + 9^0 + 15^1 + 22^1 = 44 + 44 + 90 + 151 + 221 \\ 550 &:= 3^3 + 5^2 + 11^2 + 16^1 + 19^2 = 33 + 52 + 112 + 161 + 192 & 550 &:= 4^4 + 4^4 + 9^0 + 16^1 + 21^1 = 44 + 44 + 90 + 161 + 211 \\ 550 &:= 3^3 + 5^2 + 9^2 + 17^1 + 20^2 = 33 + 52 + 92 + 171 + 202 & 550 &:= 4^4 + 4^4 + 9^0 + 17^1 + 20^1 = 44 + 44 + 90 + 171 + 201 \\ 550 &:= 3^3 + 5^3 + 6^2 + 19^2 + 21^0 = 33 + 53 + 62 + 192 + 210 & 550 &:= 4^4 + 4^4 + 9^0 + 18^1 + 19^1 = 44 + 44 + 90 + 181 + 191 \\ 550 &:= 3^3 + 6^3 + 9^2 + 15^2 + 21^0 = 33 + 63 + 92 + 152 + 210 & 550 &:= 4^4 + 5^3 + 9^0 + 12^2 + 24^1 = 44 + 53 + 90 + 122 + 241 \end{aligned}$$

$$\begin{aligned}
 550 &:= 4^4 + 6^3 + 8^2 + 13^1 + 23^0 = 44 + 63 + 82 + 131 + 230 \\
 550 &:= 4^4 + 7^2 + 10^2 + 12^2 + 21^0 = 44 + 72 + 102 + 122 + 210 \\
 550 &:= 5^2 + 6^2 + 7^3 + 11^2 + 25^1 = 52 + 62 + 73 + 112 + 251 \\
 550 &:= 5^2 + 6^3 + 11^2 + 13^2 + 19^1 = 52 + 63 + 112 + 132 + 191 \\
 550 &:= 5^2 + 6^3 + 8^2 + 15^2 + 20^1 = 52 + 63 + 82 + 152 + 201
 \end{aligned}$$

$$\begin{aligned}
 550 &:= 5^3 + 11^2 + 11^2 + 13^2 + 14^1 = 53 + 112 + 112 + 132 + 141 \\
 550 &:= 5^3 + 6^3 + 8^2 + 12^2 + 23^0 = 53 + 63 + 82 + 122 + 230 \\
 550 &:= 5^3 + 8^2 + 11^2 + 15^1 + 15^2 = 53 + 82 + 112 + 151 + 152 \\
 550 &:= 6^2 + 6^3 + 6^3 + 9^2 + 27^0 = 62 + 63 + 63 + 92 + 270
 \end{aligned}$$

2.2.452 Number 551

$$\begin{aligned}
 551 &:= 1^1 + 2^9 + 14^0 + 37^1 = 11 + 29 + 140 + 371 \\
 551 &:= 1^7 + 15^2 + 18^2 + 20^0 = 17 + 152 + 182 + 200 \\
 551 &:= 1^7 + 8^0 + 8^3 + 37^1 = 17 + 80 + 83 + 371 \\
 551 &:= 1^8 + 10^0 + 20^1 + 23^2 = 18 + 100 + 201 + 232 \\
 551 &:= 2^1 + 2^9 + 14^0 + 36^1 = 21 + 29 + 140 + 361 \\
 551 &:= 2^6 + 5^3 + 19^2 + 28^0 = 26 + 53 + 192 + 280 \\
 551 &:= 2^8 + 5^1 + 17^2 + 30^0 = 28 + 51 + 172 + 300 \\
 551 &:= 2^9 + 10^1 + 14^0 + 28^1 = 29 + 101 + 140 + 281 \\
 551 &:= 2^9 + 11^1 + 14^0 + 27^1 = 29 + 111 + 140 + 271 \\
 551 &:= 2^9 + 12^1 + 14^0 + 26^1 = 29 + 121 + 140 + 261 \\
 551 &:= 2^9 + 13^1 + 14^0 + 25^1 = 29 + 131 + 140 + 251 \\
 551 &:= 2^9 + 14^0 + 14^1 + 24^1 = 29 + 140 + 141 + 241 \\
 551 &:= 2^9 + 14^0 + 15^1 + 23^1 = 29 + 140 + 151 + 231 \\
 551 &:= 2^9 + 14^0 + 16^1 + 22^1 = 29 + 140 + 161 + 221 \\
 551 &:= 2^9 + 14^0 + 17^1 + 21^1 = 29 + 140 + 171 + 211 \\
 551 &:= 2^9 + 14^0 + 18^1 + 20^1 = 29 + 140 + 181 + 201 \\
 551 &:= 2^9 + 14^0 + 19^1 + 19^1 = 29 + 140 + 191 + 191 \\
 551 &:= 2^9 + 3^1 + 14^0 + 35^1 = 29 + 31 + 140 + 351 \\
 551 &:= 2^9 + 4^1 + 14^0 + 34^1 = 29 + 41 + 140 + 341 \\
 551 &:= 2^9 + 5^1 + 14^0 + 33^1 = 29 + 51 + 140 + 331 \\
 551 &:= 2^9 + 6^1 + 14^0 + 32^1 = 29 + 61 + 140 + 321 \\
 551 &:= 2^9 + 7^1 + 14^0 + 31^1 = 29 + 71 + 140 + 311 \\
 551 &:= 2^9 + 8^1 + 14^0 + 30^1 = 29 + 81 + 140 + 301 \\
 551 &:= 2^9 + 9^1 + 14^0 + 29^1 = 29 + 91 + 140 + 291 \\
 551 &:= 1^0 + 1^6 + 4^3 + 22^2 + 26^0 = 10 + 16 + 43 + 222 + 260 \\
 551 &:= 1^0 + 1^7 + 8^2 + 22^0 + 22^2 = 10 + 17 + 82 + 220 + 222 \\
 551 &:= 1^0 + 1^8 + 10^0 + 19^1 + 23^2 = 10 + 18 + 100 + 191 + 232 \\
 551 &:= 1^0 + 2^7 + 14^2 + 15^2 + 22^0 = 10 + 27 + 142 + 152 + 220 \\
 551 &:= 1^0 + 2^9 + 10^1 + 14^0 + 27^1 = 10 + 29 + 101 + 140 + 271 \\
 551 &:= 1^0 + 2^9 + 11^1 + 14^0 + 26^1 = 10 + 29 + 111 + 140 + 261
 \end{aligned}$$

$$\begin{aligned}
 551 &:= 1^0 + 2^9 + 12^1 + 14^0 + 25^1 = 10 + 29 + 121 + 140 + 251 \\
 551 &:= 1^0 + 2^9 + 13^1 + 14^0 + 24^1 = 10 + 29 + 131 + 140 + 241 \\
 551 &:= 1^0 + 2^9 + 14^0 + 14^1 + 23^1 = 10 + 29 + 140 + 141 + 231 \\
 551 &:= 1^0 + 2^9 + 14^0 + 15^1 + 22^1 = 10 + 29 + 140 + 151 + 221 \\
 551 &:= 1^0 + 2^9 + 14^0 + 16^1 + 21^1 = 10 + 29 + 140 + 161 + 211 \\
 551 &:= 1^0 + 2^9 + 14^0 + 17^1 + 20^1 = 10 + 29 + 140 + 171 + 201 \\
 551 &:= 1^0 + 2^9 + 14^0 + 18^1 + 19^1 = 10 + 29 + 140 + 181 + 191 \\
 551 &:= 1^0 + 2^9 + 6^2 + 18^0 + 27^0 = 10 + 29 + 62 + 180 + 270 \\
 551 &:= 1^0 + 2^9 + 6^2 + 19^0 + 26^0 = 10 + 29 + 62 + 190 + 260 \\
 551 &:= 1^0 + 2^9 + 6^2 + 20^0 + 25^0 = 10 + 29 + 62 + 200 + 250 \\
 551 &:= 1^0 + 2^9 + 6^2 + 21^0 + 24^0 = 10 + 29 + 62 + 210 + 240 \\
 551 &:= 1^0 + 2^9 + 6^2 + 22^0 + 23^0 = 10 + 29 + 62 + 220 + 230 \\
 551 &:= 1^1 + 1^5 + 4^3 + 22^2 + 26^0 = 11 + 15 + 43 + 222 + 260 \\
 551 &:= 1^1 + 1^6 + 8^2 + 22^0 + 22^2 = 11 + 16 + 82 + 220 + 222 \\
 551 &:= 1^1 + 1^7 + 10^0 + 19^1 + 23^2 = 11 + 17 + 100 + 191 + 232 \\
 551 &:= 1^1 + 2^6 + 14^2 + 17^2 + 20^0 = 11 + 26 + 142 + 172 + 200 \\
 551 &:= 1^1 + 2^7 + 10^0 + 20^2 + 21^1 = 11 + 27 + 100 + 202 + 211 \\
 551 &:= 1^2 + 1^4 + 4^3 + 22^2 + 26^0 = 12 + 14 + 43 + 222 + 260 \\
 551 &:= 1^2 + 1^5 + 8^2 + 22^0 + 22^2 = 12 + 15 + 82 + 220 + 222 \\
 551 &:= 1^2 + 1^6 + 10^0 + 19^1 + 23^2 = 12 + 16 + 100 + 191 + 232 \\
 551 &:= 1^2 + 3^3 + 3^4 + 21^2 + 26^0 = 12 + 33 + 34 + 212 + 260 \\
 551 &:= 1^2 + 3^5 + 9^2 + 15^2 + 26^0 = 12 + 35 + 92 + 152 + 260 \\
 551 &:= 1^3 + 1^3 + 4^3 + 22^2 + 26^0 = 13 + 13 + 43 + 222 + 260 \\
 551 &:= 1^3 + 1^4 + 8^2 + 22^0 + 22^2 = 13 + 14 + 82 + 220 + 222 \\
 551 &:= 1^3 + 1^5 + 10^0 + 19^1 + 23^2 = 13 + 15 + 100 + 191 + 232 \\
 551 &:= 1^3 + 2^0 + 2^6 + 22^2 + 27^0 = 13 + 20 + 26 + 222 + 270 \\
 551 &:= 1^3 + 2^2 + 2^4 + 23^2 + 26^0 = 13 + 22 + 24 + 232 + 260 \\
 551 &:= 1^3 + 2^4 + 7^2 + 22^0 + 22^2 = 13 + 24 + 72 + 220 + 222 \\
 551 &:= 1^3 + 2^4 + 8^3 + 21^1 + 22^0 = 13 + 24 + 83 + 211 + 220 \\
 551 &:= 1^3 + 2^6 + 10^0 + 19^0 + 22^2 = 13 + 26 + 100 + 190 + 222
 \end{aligned}$$

$$\begin{aligned}
 551 &:= 1^3 + 2^6 + 11^0 + 18^0 + 22^2 = 13 + 26 + 110 + 180 + 222 & 551 &:= 1^6 + 2^0 + 4^3 + 22^2 + 25^0 = 16 + 20 + 43 + 222 + 250 \\
 551 &:= 1^3 + 2^6 + 12^0 + 17^0 + 22^2 = 13 + 26 + 120 + 170 + 222 & 551 &:= 1^6 + 2^2 + 12^0 + 16^1 + 23^2 = 16 + 22 + 120 + 161 + 232 \\
 551 &:= 1^3 + 2^6 + 13^0 + 16^0 + 22^2 = 13 + 26 + 130 + 160 + 222 & 551 &:= 1^6 + 3^0 + 4^3 + 22^2 + 24^0 = 16 + 30 + 43 + 222 + 240 \\
 551 &:= 1^3 + 2^6 + 14^0 + 15^0 + 22^2 = 13 + 26 + 140 + 150 + 222 & 551 &:= 1^6 + 3^2 + 11^1 + 16^0 + 23^2 = 16 + 32 + 111 + 160 + 232 \\
 551 &:= 1^3 + 2^6 + 3^0 + 22^2 + 26^0 = 13 + 26 + 30 + 222 + 260 & 551 &:= 1^6 + 4^0 + 4^3 + 22^2 + 23^0 = 16 + 40 + 43 + 222 + 230 \\
 551 &:= 1^3 + 2^6 + 4^0 + 22^2 + 25^0 = 13 + 26 + 40 + 222 + 250 & 551 &:= 1^6 + 4^1 + 16^0 + 16^2 + 17^2 = 16 + 41 + 160 + 162 + 172 \\
 551 &:= 1^3 + 2^6 + 5^0 + 22^2 + 24^0 = 13 + 26 + 50 + 222 + 240 & 551 &:= 1^6 + 4^1 + 4^2 + 22^0 + 23^2 = 16 + 41 + 42 + 220 + 232 \\
 551 &:= 1^3 + 2^6 + 6^0 + 22^2 + 23^0 = 13 + 26 + 60 + 222 + 230 & 551 &:= 1^6 + 4^3 + 10^0 + 17^0 + 22^2 = 16 + 43 + 100 + 170 + 222 \\
 551 &:= 1^3 + 2^6 + 7^0 + 22^0 + 22^2 = 13 + 26 + 70 + 220 + 222 & 551 &:= 1^6 + 4^3 + 11^0 + 16^0 + 22^2 = 16 + 43 + 110 + 160 + 222 \\
 551 &:= 1^3 + 2^6 + 8^0 + 21^0 + 22^2 = 13 + 26 + 80 + 210 + 222 & 551 &:= 1^6 + 4^3 + 12^0 + 15^0 + 22^2 = 16 + 43 + 120 + 150 + 222 \\
 551 &:= 1^3 + 2^6 + 9^0 + 20^0 + 22^2 = 13 + 26 + 90 + 200 + 222 & 551 &:= 1^6 + 4^3 + 13^0 + 14^0 + 22^2 = 16 + 43 + 130 + 140 + 222 \\
 551 &:= 1^3 + 3^4 + 12^2 + 18^2 + 20^0 = 13 + 34 + 122 + 182 + 200 & 551 &:= 1^6 + 4^3 + 5^0 + 22^0 + 22^2 = 16 + 43 + 50 + 220 + 222 \\
 551 &:= 1^3 + 3^5 + 16^0 + 17^1 + 17^2 = 13 + 35 + 160 + 171 + 172 & 551 &:= 1^6 + 4^3 + 6^0 + 21^0 + 22^2 = 16 + 43 + 60 + 210 + 222 \\
 551 &:= 1^4 + 1^4 + 10^0 + 19^1 + 23^2 = 14 + 14 + 100 + 191 + 232 & 551 &:= 1^6 + 4^3 + 7^0 + 20^0 + 22^2 = 16 + 43 + 70 + 200 + 222 \\
 551 &:= 1^4 + 1^9 + 2^6 + 22^2 + 27^0 = 14 + 19 + 26 + 222 + 270 & 551 &:= 1^6 + 4^3 + 8^0 + 19^0 + 22^2 = 16 + 43 + 80 + 190 + 222 \\
 551 &:= 1^4 + 2^0 + 3^4 + 21^2 + 27^1 = 14 + 20 + 34 + 212 + 271 & 551 &:= 1^6 + 4^3 + 9^0 + 18^0 + 22^2 = 16 + 43 + 90 + 180 + 222 \\
 551 &:= 1^4 + 2^3 + 10^2 + 20^0 + 21^2 = 14 + 23 + 102 + 200 + 212 & 551 &:= 1^6 + 5^1 + 12^2 + 16^0 + 20^2 = 16 + 51 + 122 + 160 + 202 \\
 551 &:= 1^4 + 2^4 + 4^1 + 23^2 + 24^0 = 14 + 24 + 41 + 232 + 240 & 551 &:= 1^6 + 6^2 + 8^3 + 12^0 + 27^0 = 16 + 62 + 83 + 120 + 270 \\
 551 &:= 1^4 + 3^2 + 6^3 + 18^2 + 26^0 = 14 + 32 + 63 + 182 + 260 & 551 &:= 1^6 + 6^2 + 8^3 + 13^0 + 26^0 = 16 + 62 + 83 + 130 + 260 \\
 551 &:= 1^4 + 3^3 + 9^2 + 20^0 + 21^2 = 14 + 33 + 92 + 200 + 212 & 551 &:= 1^6 + 6^2 + 8^3 + 14^0 + 25^0 = 16 + 62 + 83 + 140 + 250 \\
 551 &:= 1^4 + 4^3 + 14^2 + 17^2 + 18^0 = 14 + 43 + 142 + 172 + 180 & 551 &:= 1^6 + 6^2 + 8^3 + 15^0 + 24^0 = 16 + 62 + 83 + 150 + 240 \\
 551 &:= 1^4 + 5^3 + 10^2 + 18^2 + 20^0 = 14 + 53 + 102 + 182 + 200 & 551 &:= 1^6 + 6^2 + 8^3 + 16^0 + 23^0 = 16 + 62 + 83 + 160 + 230 \\
 551 &:= 1^5 + 1^8 + 2^6 + 22^2 + 27^0 = 15 + 18 + 26 + 222 + 270 & 551 &:= 1^6 + 6^2 + 8^3 + 17^0 + 22^0 = 16 + 62 + 83 + 170 + 220 \\
 551 &:= 1^5 + 1^9 + 3^4 + 21^2 + 27^1 = 15 + 19 + 34 + 212 + 271 & 551 &:= 1^6 + 6^2 + 8^3 + 18^0 + 21^0 = 16 + 62 + 83 + 180 + 210 \\
 551 &:= 1^5 + 2^2 + 16^2 + 17^2 + 18^0 = 15 + 22 + 162 + 172 + 180 & 551 &:= 1^6 + 6^2 + 8^3 + 19^0 + 20^0 = 16 + 62 + 83 + 190 + 200 \\
 551 &:= 1^5 + 2^2 + 4^2 + 23^2 + 24^0 = 15 + 22 + 42 + 232 + 240 & 551 &:= 1^6 + 7^2 + 8^0 + 16^1 + 22^2 = 16 + 72 + 80 + 161 + 222 \\
 551 &:= 1^5 + 2^3 + 12^1 + 16^0 + 23^2 = 15 + 23 + 121 + 160 + 232 & 551 &:= 1^6 + 8^0 + 8^3 + 10^1 + 27^1 = 16 + 80 + 83 + 101 + 271 \\
 551 &:= 1^5 + 4^0 + 5^3 + 20^2 + 24^1 = 15 + 40 + 53 + 202 + 241 & 551 &:= 1^6 + 8^0 + 8^3 + 11^1 + 26^1 = 16 + 80 + 83 + 111 + 261 \\
 551 &:= 1^5 + 4^2 + 7^2 + 20^0 + 22^2 = 15 + 42 + 72 + 200 + 222 & 551 &:= 1^6 + 8^0 + 8^3 + 12^1 + 25^1 = 16 + 80 + 83 + 121 + 251 \\
 551 &:= 1^5 + 4^2 + 8^3 + 20^0 + 21^1 = 15 + 42 + 83 + 200 + 211 & 551 &:= 1^6 + 8^0 + 8^3 + 13^1 + 24^1 = 16 + 80 + 83 + 131 + 241 \\
 551 &:= 1^5 + 6^3 + 9^1 + 18^2 + 20^0 = 15 + 63 + 91 + 182 + 200 & 551 &:= 1^6 + 8^0 + 8^3 + 14^1 + 23^1 = 16 + 80 + 83 + 141 + 231 \\
 551 &:= 1^5 + 7^2 + 10^2 + 16^0 + 20^2 = 15 + 72 + 102 + 160 + 202 & 551 &:= 1^6 + 8^0 + 8^3 + 15^1 + 22^1 = 16 + 80 + 83 + 151 + 221 \\
 551 &:= 1^5 + 7^3 + 10^1 + 14^2 + 22^0 = 15 + 73 + 101 + 142 + 220 & 551 &:= 1^6 + 8^0 + 8^3 + 16^1 + 21^1 = 16 + 80 + 83 + 161 + 211 \\
 551 &:= 1^5 + 8^2 + 14^0 + 14^2 + 17^2 = 15 + 82 + 140 + 142 + 172 & 551 &:= 1^6 + 8^0 + 8^3 + 17^1 + 20^1 = 16 + 80 + 83 + 171 + 201 \\
 551 &:= 1^5 + 9^2 + 12^2 + 14^0 + 18^2 = 15 + 92 + 122 + 140 + 182 & 551 &:= 1^6 + 8^0 + 8^3 + 18^1 + 19^1 = 16 + 80 + 83 + 181 + 191 \\
 551 &:= 1^6 + 1^7 + 2^6 + 22^2 + 27^0 = 16 + 17 + 26 + 222 + 270 & 551 &:= 1^6 + 8^1 + 10^2 + 14^0 + 21^2 = 16 + 81 + 102 + 140 + 212 \\
 551 &:= 1^6 + 1^8 + 3^4 + 21^2 + 27^1 = 16 + 18 + 34 + 212 + 271 & 551 &:= 1^7 + 1^7 + 3^4 + 21^2 + 27^1 = 17 + 17 + 34 + 212 + 271 \\
 551 &:= 1^6 + 2^0 + 13^2 + 19^1 + 19^2 = 16 + 20 + 132 + 191 + 192 & 551 &:= 1^7 + 1^9 + 13^2 + 19^1 + 19^2 = 17 + 19 + 132 + 191 + 192
 \end{aligned}$$

$$\begin{aligned} 551 &:= 1^7 + 1^9 + 4^3 + 22^2 + 25^0 = 17 + 19 + 43 + 222 + 250 & 551 &:= 2^0 + 2^9 + 13^0 + 13^1 + 24^1 = 20 + 29 + 130 + 131 + 241 \\ 551 &:= 1^7 + 10^0 + 10^1 + 10^1 + 23^2 = 17 + 100 + 101 + 101 + 232 & 551 &:= 2^0 + 2^9 + 13^0 + 14^1 + 23^1 = 20 + 29 + 130 + 141 + 231 \\ 551 &:= 1^7 + 2^0 + 8^2 + 21^0 + 22^2 = 17 + 20 + 82 + 210 + 222 & 551 &:= 2^0 + 2^9 + 13^0 + 15^1 + 22^1 = 20 + 29 + 130 + 151 + 221 \\ 551 &:= 1^7 + 2^1 + 10^0 + 18^1 + 23^2 = 17 + 21 + 100 + 181 + 232 & 551 &:= 2^0 + 2^9 + 13^0 + 16^1 + 21^1 = 20 + 29 + 130 + 161 + 211 \\ 551 &:= 1^7 + 2^4 + 2^9 + 21^1 + 27^0 = 17 + 24 + 29 + 211 + 270 & 551 &:= 2^0 + 2^9 + 13^0 + 17^1 + 20^1 = 20 + 29 + 130 + 171 + 201 \\ 551 &:= 1^7 + 3^0 + 8^2 + 20^0 + 22^2 = 17 + 30 + 82 + 200 + 222 & 551 &:= 2^0 + 2^9 + 13^0 + 18^1 + 19^1 = 20 + 29 + 130 + 181 + 191 \\ 551 &:= 1^7 + 3^1 + 10^0 + 17^1 + 23^2 = 17 + 31 + 100 + 171 + 232 & 551 &:= 2^0 + 2^9 + 6^2 + 17^0 + 27^0 = 20 + 29 + 62 + 170 + 270 \\ 551 &:= 1^7 + 4^0 + 8^2 + 19^0 + 22^2 = 17 + 40 + 82 + 190 + 222 & 551 &:= 2^0 + 2^9 + 6^2 + 18^0 + 26^0 = 20 + 29 + 62 + 180 + 260 \\ 551 &:= 1^7 + 4^1 + 10^0 + 16^1 + 23^2 = 17 + 41 + 100 + 161 + 232 & 551 &:= 2^0 + 2^9 + 6^2 + 19^0 + 25^0 = 20 + 29 + 62 + 190 + 250 \\ 551 &:= 1^7 + 5^0 + 8^2 + 18^0 + 22^2 = 17 + 50 + 82 + 180 + 222 & 551 &:= 2^0 + 2^9 + 6^2 + 20^0 + 24^0 = 20 + 29 + 62 + 200 + 240 \\ 551 &:= 1^7 + 5^1 + 10^0 + 15^1 + 23^2 = 17 + 51 + 100 + 151 + 232 & 551 &:= 2^0 + 2^9 + 6^2 + 21^0 + 23^0 = 20 + 29 + 62 + 210 + 230 \\ 551 &:= 1^7 + 6^0 + 8^2 + 17^0 + 22^2 = 17 + 60 + 82 + 170 + 222 & 551 &:= 2^0 + 2^9 + 6^2 + 22^0 + 22^0 = 20 + 29 + 62 + 220 + 220 \\ 551 &:= 1^7 + 6^1 + 10^0 + 14^1 + 23^2 = 17 + 61 + 100 + 141 + 232 & 551 &:= 2^0 + 3^4 + 3^4 + 19^2 + 27^1 = 20 + 34 + 34 + 192 + 271 \\ 551 &:= 1^7 + 7^0 + 8^2 + 16^0 + 22^2 = 17 + 70 + 82 + 160 + 222 & 551 &:= 2^1 + 2^7 + 10^0 + 20^1 + 20^2 = 21 + 27 + 100 + 201 + 202 \\ 551 &:= 1^7 + 7^1 + 10^0 + 13^1 + 23^2 = 17 + 71 + 100 + 131 + 232 & 551 &:= 2^2 + 2^5 + 15^2 + 17^2 + 18^0 = 22 + 25 + 152 + 172 + 180 \\ 551 &:= 1^7 + 8^0 + 8^2 + 15^0 + 22^2 = 17 + 80 + 82 + 150 + 222 & 551 &:= 2^3 + 3^4 + 10^2 + 19^2 + 20^0 = 23 + 34 + 102 + 192 + 200 \\ 551 &:= 1^7 + 8^1 + 10^0 + 12^1 + 23^2 = 17 + 81 + 100 + 121 + 232 & 551 &:= 2^3 + 3^5 + 10^1 + 17^2 + 22^0 = 23 + 35 + 101 + 172 + 220 \\ 551 &:= 1^7 + 8^2 + 10^0 + 13^0 + 22^2 = 17 + 82 + 100 + 130 + 222 & 551 &:= 2^4 + 2^8 + 2^8 + 22^1 + 25^0 = 24 + 28 + 28 + 221 + 250 \\ 551 &:= 1^7 + 8^2 + 11^0 + 12^0 + 22^2 = 17 + 82 + 110 + 120 + 222 & 551 &:= 2^4 + 3^2 + 5^3 + 20^2 + 24^0 = 24 + 32 + 53 + 202 + 240 \\ 551 &:= 1^7 + 8^2 + 9^0 + 14^0 + 22^2 = 17 + 82 + 90 + 140 + 222 & 551 &:= 2^4 + 3^4 + 12^1 + 16^0 + 21^2 = 24 + 34 + 121 + 160 + 212 \\ 551 &:= 1^7 + 9^1 + 10^0 + 11^1 + 23^2 = 17 + 91 + 100 + 111 + 232 & 551 &:= 2^4 + 4^4 + 10^0 + 16^2 + 22^1 = 24 + 44 + 100 + 162 + 221 \\ 551 &:= 1^8 + 1^8 + 13^2 + 19^1 + 19^2 = 18 + 18 + 132 + 191 + 192 & 551 &:= 2^5 + 3^2 + 5^2 + 22^0 + 22^2 = 25 + 32 + 52 + 220 + 222 \\ 551 &:= 1^8 + 1^8 + 4^3 + 22^2 + 25^0 = 18 + 18 + 43 + 222 + 250 & 551 &:= 2^5 + 3^3 + 7^1 + 20^0 + 22^2 = 25 + 33 + 71 + 200 + 222 \\ 551 &:= 1^8 + 1^9 + 8^2 + 21^0 + 22^2 = 18 + 19 + 82 + 210 + 222 & 551 &:= 2^5 + 4^3 + 13^1 + 14^0 + 21^2 = 25 + 43 + 131 + 140 + 212 \\ 551 &:= 1^8 + 2^0 + 9^0 + 19^1 + 23^2 = 18 + 20 + 90 + 191 + 232 & 551 &:= 2^5 + 5^2 + 13^2 + 16^0 + 18^2 = 25 + 52 + 132 + 160 + 182 \\ 551 &:= 1^8 + 3^0 + 8^0 + 19^1 + 23^2 = 18 + 30 + 80 + 191 + 232 & 551 &:= 2^5 + 6^1 + 7^3 + 13^2 + 26^0 = 25 + 61 + 73 + 132 + 260 \\ 551 &:= 1^8 + 4^0 + 7^0 + 19^1 + 23^2 = 18 + 40 + 70 + 191 + 232 & 551 &:= 2^5 + 6^2 + 11^2 + 16^0 + 19^2 = 25 + 62 + 112 + 160 + 192 \\ 551 &:= 1^8 + 5^0 + 6^0 + 19^1 + 23^2 = 18 + 50 + 60 + 191 + 232 & 551 &:= 2^5 + 6^3 + 13^1 + 16^0 + 17^2 = 25 + 63 + 131 + 160 + 172 \\ 551 &:= 1^9 + 1^9 + 9^0 + 19^1 + 23^2 = 19 + 19 + 90 + 191 + 232 & 551 &:= 2^6 + 4^0 + 12^2 + 18^1 + 18^2 = 26 + 40 + 122 + 181 + 182 \\ 551 &:= 1^9 + 2^7 + 12^2 + 16^2 + 22^1 = 19 + 27 + 122 + 162 + 221 & 551 &:= 2^6 + 4^1 + 11^2 + 18^0 + 19^2 = 26 + 41 + 112 + 180 + 192 \\ 551 &:= 1^9 + 2^7 + 6^2 + 19^2 + 25^1 = 19 + 27 + 62 + 192 + 251 & 551 &:= 2^6 + 5^1 + 15^2 + 16^0 + 16^2 = 26 + 51 + 152 + 160 + 162 \\ 551 &:= 1^9 + 2^9 + 4^2 + 21^1 + 25^0 = 19 + 29 + 42 + 211 + 250 & 551 &:= 2^6 + 5^1 + 9^2 + 18^0 + 20^2 = 26 + 51 + 92 + 180 + 202 \\ 551 &:= 2^0 + 2^3 + 2^5 + 22^2 + 26^1 = 20 + 23 + 25 + 222 + 261 & 551 &:= 2^6 + 5^2 + 6^0 + 20^1 + 21^2 = 26 + 52 + 60 + 201 + 212 \\ 551 &:= 2^0 + 2^6 + 8^2 + 20^2 + 22^1 = 20 + 26 + 82 + 202 + 221 & 551 &:= 2^6 + 6^2 + 9^1 + 16^0 + 21^2 = 26 + 62 + 91 + 160 + 212 \\ 551 &:= 2^0 + 2^7 + 14^2 + 15^2 + 21^0 = 20 + 27 + 142 + 152 + 210 & 551 &:= 2^7 + 10^0 + 10^1 + 12^1 + 20^2 = 27 + 100 + 101 + 121 + 202 \\ 551 &:= 2^0 + 2^9 + 10^1 + 13^0 + 27^1 = 20 + 29 + 101 + 130 + 271 & 551 &:= 2^7 + 10^0 + 11^1 + 11^1 + 20^2 = 27 + 100 + 111 + 111 + 202 \\ 551 &:= 2^0 + 2^9 + 11^1 + 13^0 + 26^1 = 20 + 29 + 111 + 130 + 261 & 551 &:= 2^7 + 10^0 + 13^0 + 14^2 + 15^2 = 27 + 100 + 130 + 142 + 152 \\ 551 &:= 2^0 + 2^9 + 12^1 + 13^0 + 25^1 = 20 + 29 + 121 + 130 + 251 & 551 &:= 2^7 + 11^0 + 12^0 + 14^2 + 15^2 = 27 + 110 + 120 + 142 + 152 \end{aligned}$$

$$\begin{aligned} 551 &:= 2^7 + 3^0 + 14^2 + 15^2 + 20^0 = 27 + 30 + 142 + 152 + 200 \\ 551 &:= 2^7 + 3^1 + 10^0 + 19^1 + 20^2 = 27 + 31 + 100 + 191 + 202 \\ 551 &:= 2^7 + 4^0 + 14^2 + 15^2 + 19^0 = 27 + 40 + 142 + 152 + 190 \\ 551 &:= 2^7 + 4^1 + 10^0 + 18^1 + 20^2 = 27 + 41 + 100 + 181 + 202 \\ 551 &:= 2^7 + 5^0 + 14^2 + 15^2 + 18^0 = 27 + 50 + 142 + 152 + 180 \\ 551 &:= 2^7 + 5^1 + 10^0 + 17^1 + 20^2 = 27 + 51 + 100 + 171 + 202 \\ 551 &:= 2^7 + 6^0 + 14^2 + 15^2 + 17^0 = 27 + 60 + 142 + 152 + 170 \\ 551 &:= 2^7 + 6^1 + 10^0 + 16^1 + 20^2 = 27 + 61 + 100 + 161 + 202 \\ 551 &:= 2^7 + 7^0 + 14^2 + 15^2 + 16^0 = 27 + 70 + 142 + 152 + 160 \\ 551 &:= 2^7 + 7^1 + 10^0 + 15^1 + 20^2 = 27 + 71 + 100 + 151 + 202 \\ 551 &:= 2^7 + 8^0 + 14^2 + 15^0 + 15^2 = 27 + 80 + 142 + 150 + 152 \\ 551 &:= 2^7 + 8^1 + 10^0 + 14^1 + 20^2 = 27 + 81 + 100 + 141 + 202 \\ 551 &:= 2^7 + 9^0 + 14^0 + 14^2 + 15^2 = 27 + 90 + 140 + 142 + 152 \\ 551 &:= 2^7 + 9^1 + 10^0 + 13^1 + 20^2 = 27 + 91 + 100 + 131 + 202 \\ 551 &:= 2^8 + 4^0 + 4^1 + 17^2 + 27^0 = 28 + 40 + 41 + 172 + 270 \\ 551 &:= 2^8 + 4^1 + 10^0 + 17^2 + 21^0 = 28 + 41 + 100 + 172 + 210 \\ 551 &:= 2^8 + 4^1 + 11^0 + 17^2 + 20^0 = 28 + 41 + 110 + 172 + 200 \\ 551 &:= 2^8 + 4^1 + 12^0 + 17^2 + 19^0 = 28 + 41 + 120 + 172 + 190 \\ 551 &:= 2^8 + 4^1 + 13^0 + 17^2 + 18^0 = 28 + 41 + 130 + 172 + 180 \\ 551 &:= 2^8 + 4^1 + 14^0 + 17^0 + 17^2 = 28 + 41 + 140 + 170 + 172 \\ 551 &:= 2^8 + 4^1 + 15^0 + 16^0 + 17^2 = 28 + 41 + 150 + 160 + 172 \\ 551 &:= 2^8 + 4^1 + 5^0 + 17^2 + 26^0 = 28 + 41 + 50 + 172 + 260 \\ 551 &:= 2^8 + 4^1 + 6^0 + 17^2 + 25^0 = 28 + 41 + 60 + 172 + 250 \\ 551 &:= 2^8 + 4^1 + 7^0 + 17^2 + 24^0 = 28 + 41 + 70 + 172 + 240 \\ 551 &:= 2^8 + 4^1 + 8^0 + 17^2 + 23^0 = 28 + 41 + 80 + 172 + 230 \\ 551 &:= 2^8 + 4^1 + 9^0 + 17^2 + 22^0 = 28 + 41 + 90 + 172 + 220 \\ 551 &:= 2^9 + 3^0 + 10^1 + 12^0 + 27^1 = 29 + 30 + 101 + 120 + 271 \\ 551 &:= 2^9 + 3^0 + 11^1 + 12^0 + 26^1 = 29 + 30 + 111 + 120 + 261 \\ 551 &:= 2^9 + 3^0 + 12^0 + 12^1 + 25^1 = 29 + 30 + 120 + 121 + 251 \\ 551 &:= 2^9 + 3^0 + 12^0 + 13^1 + 24^1 = 29 + 30 + 120 + 131 + 241 \\ 551 &:= 2^9 + 3^0 + 12^0 + 14^1 + 23^1 = 29 + 30 + 120 + 141 + 231 \\ 551 &:= 2^9 + 3^0 + 12^0 + 15^1 + 22^1 = 29 + 30 + 120 + 151 + 221 \\ 551 &:= 2^9 + 3^0 + 12^0 + 16^1 + 21^1 = 29 + 30 + 120 + 161 + 211 \\ 551 &:= 2^9 + 3^0 + 12^0 + 17^1 + 20^1 = 29 + 30 + 120 + 171 + 201 \\ 551 &:= 2^9 + 3^0 + 12^0 + 18^1 + 19^1 = 29 + 30 + 120 + 181 + 191 \\ 551 &:= 2^9 + 3^0 + 6^2 + 16^0 + 27^0 = 29 + 30 + 62 + 160 + 270 \\ 551 &:= 2^9 + 3^0 + 6^2 + 17^0 + 26^0 = 29 + 30 + 62 + 170 + 260 \\ 551 &:= 2^9 + 3^0 + 6^2 + 18^0 + 25^0 = 29 + 30 + 62 + 180 + 250 \end{aligned}$$

$$\begin{aligned} 551 &:= 2^9 + 3^0 + 6^2 + 19^0 + 24^0 = 29 + 30 + 62 + 190 + 240 \\ 551 &:= 2^9 + 3^0 + 6^2 + 20^0 + 23^0 = 29 + 30 + 62 + 200 + 230 \\ 551 &:= 2^9 + 3^0 + 6^2 + 21^0 + 22^0 = 29 + 30 + 62 + 210 + 220 \\ 551 &:= 2^9 + 4^0 + 10^1 + 11^0 + 27^1 = 29 + 40 + 101 + 110 + 271 \\ 551 &:= 2^9 + 4^0 + 11^0 + 11^1 + 26^1 = 29 + 40 + 110 + 111 + 261 \\ 551 &:= 2^9 + 4^0 + 11^0 + 12^1 + 25^1 = 29 + 40 + 110 + 121 + 251 \\ 551 &:= 2^9 + 4^0 + 11^0 + 13^1 + 24^1 = 29 + 40 + 110 + 131 + 241 \\ 551 &:= 2^9 + 4^0 + 11^0 + 14^1 + 23^1 = 29 + 40 + 110 + 141 + 231 \\ 551 &:= 2^9 + 4^0 + 11^0 + 15^1 + 22^1 = 29 + 40 + 110 + 151 + 221 \\ 551 &:= 2^9 + 4^0 + 11^0 + 16^1 + 21^1 = 29 + 40 + 110 + 161 + 211 \\ 551 &:= 2^9 + 4^0 + 11^0 + 17^1 + 20^1 = 29 + 40 + 110 + 171 + 201 \\ 551 &:= 2^9 + 4^0 + 11^0 + 18^1 + 19^1 = 29 + 40 + 110 + 181 + 191 \\ 551 &:= 2^9 + 4^0 + 6^2 + 15^0 + 27^0 = 29 + 40 + 62 + 150 + 270 \\ 551 &:= 2^9 + 4^0 + 6^2 + 16^0 + 26^0 = 29 + 40 + 62 + 160 + 260 \\ 551 &:= 2^9 + 4^0 + 6^2 + 17^0 + 25^0 = 29 + 40 + 62 + 170 + 250 \\ 551 &:= 2^9 + 4^0 + 6^2 + 18^0 + 24^0 = 29 + 40 + 62 + 180 + 240 \\ 551 &:= 2^9 + 4^0 + 6^2 + 19^0 + 23^0 = 29 + 40 + 62 + 190 + 230 \\ 551 &:= 2^9 + 4^0 + 6^2 + 20^0 + 22^0 = 29 + 40 + 62 + 200 + 220 \\ 551 &:= 2^9 + 4^0 + 6^2 + 21^0 + 21^0 = 29 + 40 + 62 + 210 + 210 \\ 551 &:= 2^9 + 5^0 + 10^0 + 10^1 + 27^1 = 29 + 50 + 100 + 101 + 271 \\ 551 &:= 2^9 + 5^0 + 10^0 + 11^1 + 26^1 = 29 + 50 + 100 + 111 + 261 \\ 551 &:= 2^9 + 5^0 + 10^0 + 12^1 + 25^1 = 29 + 50 + 100 + 121 + 251 \\ 551 &:= 2^9 + 5^0 + 10^0 + 13^1 + 24^1 = 29 + 50 + 100 + 131 + 241 \\ 551 &:= 2^9 + 5^0 + 10^0 + 14^1 + 23^1 = 29 + 50 + 100 + 141 + 231 \\ 551 &:= 2^9 + 5^0 + 10^0 + 15^1 + 22^1 = 29 + 50 + 100 + 151 + 221 \\ 551 &:= 2^9 + 5^0 + 10^0 + 16^1 + 21^1 = 29 + 50 + 100 + 161 + 211 \\ 551 &:= 2^9 + 5^0 + 10^0 + 17^1 + 20^1 = 29 + 50 + 100 + 171 + 201 \\ 551 &:= 2^9 + 5^0 + 10^0 + 18^1 + 19^1 = 29 + 50 + 100 + 181 + 191 \\ 551 &:= 2^9 + 5^0 + 6^2 + 14^0 + 27^0 = 29 + 50 + 62 + 140 + 270 \\ 551 &:= 2^9 + 5^0 + 6^2 + 15^0 + 26^0 = 29 + 50 + 62 + 150 + 260 \\ 551 &:= 2^9 + 5^0 + 6^2 + 16^0 + 25^0 = 29 + 50 + 62 + 160 + 250 \\ 551 &:= 2^9 + 5^0 + 6^2 + 17^0 + 24^0 = 29 + 50 + 62 + 170 + 240 \\ 551 &:= 2^9 + 5^0 + 6^2 + 18^0 + 23^0 = 29 + 50 + 62 + 180 + 230 \\ 551 &:= 2^9 + 5^0 + 6^2 + 19^0 + 22^0 = 29 + 50 + 62 + 190 + 220 \\ 551 &:= 2^9 + 5^0 + 6^2 + 20^0 + 21^0 = 29 + 50 + 62 + 200 + 210 \\ 551 &:= 2^9 + 6^0 + 6^2 + 13^0 + 27^0 = 29 + 60 + 62 + 130 + 270 \\ 551 &:= 2^9 + 6^0 + 6^2 + 14^0 + 26^0 = 29 + 60 + 62 + 140 + 260 \\ 551 &:= 2^9 + 6^0 + 6^2 + 15^0 + 25^0 = 29 + 60 + 62 + 150 + 250 \end{aligned}$$

$$\begin{aligned} 551 &:= 2^9 + 6^0 + 6^2 + 16^0 + 24^0 = 29 + 60 + 62 + 160 + 240 & 551 &:= 2^9 + 6^2 + 13^0 + 15^0 + 18^0 = 29 + 62 + 130 + 150 + 180 \\ 551 &:= 2^9 + 6^0 + 6^2 + 17^0 + 23^0 = 29 + 60 + 62 + 170 + 230 & 551 &:= 2^9 + 6^2 + 13^0 + 16^0 + 17^0 = 29 + 62 + 130 + 160 + 170 \\ 551 &:= 2^9 + 6^0 + 6^2 + 18^0 + 22^0 = 29 + 60 + 62 + 180 + 220 & 551 &:= 2^9 + 6^2 + 14^0 + 14^0 + 18^0 = 29 + 62 + 140 + 140 + 180 \\ 551 &:= 2^9 + 6^0 + 6^2 + 19^0 + 21^0 = 29 + 60 + 62 + 190 + 210 & 551 &:= 2^9 + 6^2 + 14^0 + 15^0 + 17^0 = 29 + 62 + 140 + 150 + 170 \\ 551 &:= 2^9 + 6^0 + 6^2 + 20^0 + 20^0 = 29 + 60 + 62 + 200 + 200 & 551 &:= 2^9 + 6^2 + 14^0 + 16^0 + 16^0 = 29 + 62 + 140 + 160 + 160 \\ 551 &:= 2^9 + 6^0 + 9^0 + 10^1 + 27^1 = 29 + 60 + 90 + 101 + 271 & 551 &:= 2^9 + 6^2 + 15^0 + 15^0 + 16^0 = 29 + 62 + 150 + 150 + 160 \\ 551 &:= 2^9 + 6^0 + 9^0 + 11^1 + 26^1 = 29 + 60 + 90 + 111 + 261 & 551 &:= 2^9 + 6^2 + 7^0 + 12^0 + 27^0 = 29 + 62 + 70 + 120 + 270 \\ 551 &:= 2^9 + 6^0 + 9^0 + 12^1 + 25^1 = 29 + 60 + 90 + 121 + 251 & 551 &:= 2^9 + 6^2 + 7^0 + 13^0 + 26^0 = 29 + 62 + 70 + 130 + 260 \\ 551 &:= 2^9 + 6^0 + 9^0 + 13^1 + 24^1 = 29 + 60 + 90 + 131 + 241 & 551 &:= 2^9 + 6^2 + 7^0 + 14^0 + 25^0 = 29 + 62 + 70 + 140 + 250 \\ 551 &:= 2^9 + 6^0 + 9^0 + 14^1 + 23^1 = 29 + 60 + 90 + 141 + 231 & 551 &:= 2^9 + 6^2 + 7^0 + 15^0 + 24^0 = 29 + 62 + 70 + 150 + 240 \\ 551 &:= 2^9 + 6^0 + 9^0 + 15^1 + 22^1 = 29 + 60 + 90 + 151 + 221 & 551 &:= 2^9 + 6^2 + 7^0 + 16^0 + 23^0 = 29 + 62 + 70 + 160 + 230 \\ 551 &:= 2^9 + 6^0 + 9^0 + 16^1 + 21^1 = 29 + 60 + 90 + 161 + 211 & 551 &:= 2^9 + 6^2 + 7^0 + 17^0 + 22^0 = 29 + 62 + 70 + 170 + 220 \\ 551 &:= 2^9 + 6^0 + 9^0 + 17^1 + 20^1 = 29 + 60 + 90 + 171 + 201 & 551 &:= 2^9 + 6^2 + 7^0 + 18^0 + 21^0 = 29 + 62 + 70 + 180 + 210 \\ 551 &:= 2^9 + 6^0 + 9^0 + 18^1 + 19^1 = 29 + 60 + 90 + 181 + 191 & 551 &:= 2^9 + 6^2 + 7^0 + 19^0 + 20^0 = 29 + 62 + 70 + 190 + 200 \\ 551 &:= 2^9 + 6^2 + 10^0 + 10^0 + 26^0 = 29 + 62 + 100 + 100 + 260 & 551 &:= 2^9 + 6^2 + 8^0 + 11^0 + 27^0 = 29 + 62 + 80 + 110 + 270 \\ 551 &:= 2^9 + 6^2 + 10^0 + 11^0 + 25^0 = 29 + 62 + 100 + 110 + 250 & 551 &:= 2^9 + 6^2 + 8^0 + 12^0 + 26^0 = 29 + 62 + 80 + 120 + 260 \\ 551 &:= 2^9 + 6^2 + 10^0 + 12^0 + 24^0 = 29 + 62 + 100 + 120 + 240 & 551 &:= 2^9 + 6^2 + 8^0 + 13^0 + 25^0 = 29 + 62 + 80 + 130 + 250 \\ 551 &:= 2^9 + 6^2 + 10^0 + 13^0 + 23^0 = 29 + 62 + 100 + 130 + 230 & 551 &:= 2^9 + 6^2 + 8^0 + 14^0 + 24^0 = 29 + 62 + 80 + 140 + 240 \\ 551 &:= 2^9 + 6^2 + 10^0 + 14^0 + 22^0 = 29 + 62 + 100 + 140 + 220 & 551 &:= 2^9 + 6^2 + 8^0 + 15^0 + 23^0 = 29 + 62 + 80 + 150 + 230 \\ 551 &:= 2^9 + 6^2 + 10^0 + 15^0 + 21^0 = 29 + 62 + 100 + 150 + 210 & 551 &:= 2^9 + 6^2 + 8^0 + 16^0 + 22^0 = 29 + 62 + 80 + 160 + 220 \\ 551 &:= 2^9 + 6^2 + 10^0 + 16^0 + 20^0 = 29 + 62 + 100 + 160 + 200 & 551 &:= 2^9 + 6^2 + 8^0 + 17^0 + 21^0 = 29 + 62 + 80 + 170 + 210 \\ 551 &:= 2^9 + 6^2 + 10^0 + 17^0 + 19^0 = 29 + 62 + 100 + 170 + 190 & 551 &:= 2^9 + 6^2 + 8^0 + 18^0 + 20^0 = 29 + 62 + 80 + 180 + 200 \\ 551 &:= 2^9 + 6^2 + 10^0 + 18^0 + 18^0 = 29 + 62 + 100 + 180 + 180 & 551 &:= 2^9 + 6^2 + 8^0 + 19^0 + 19^0 = 29 + 62 + 80 + 190 + 190 \\ 551 &:= 2^9 + 6^2 + 11^0 + 11^0 + 24^0 = 29 + 62 + 110 + 110 + 240 & 551 &:= 2^9 + 6^2 + 9^0 + 10^0 + 27^0 = 29 + 62 + 90 + 100 + 270 \\ 551 &:= 2^9 + 6^2 + 11^0 + 12^0 + 23^0 = 29 + 62 + 110 + 120 + 230 & 551 &:= 2^9 + 6^2 + 9^0 + 11^0 + 26^0 = 29 + 62 + 90 + 110 + 260 \\ 551 &:= 2^9 + 6^2 + 11^0 + 13^0 + 22^0 = 29 + 62 + 110 + 130 + 220 & 551 &:= 2^9 + 6^2 + 9^0 + 12^0 + 25^0 = 29 + 62 + 90 + 120 + 250 \\ 551 &:= 2^9 + 6^2 + 11^0 + 14^0 + 21^0 = 29 + 62 + 110 + 140 + 210 & 551 &:= 2^9 + 6^2 + 9^0 + 13^0 + 24^0 = 29 + 62 + 90 + 130 + 240 \\ 551 &:= 2^9 + 6^2 + 11^0 + 15^0 + 20^0 = 29 + 62 + 110 + 150 + 200 & 551 &:= 2^9 + 6^2 + 9^0 + 14^0 + 23^0 = 29 + 62 + 90 + 140 + 230 \\ 551 &:= 2^9 + 6^2 + 11^0 + 16^0 + 19^0 = 29 + 62 + 110 + 160 + 190 & 551 &:= 2^9 + 6^2 + 9^0 + 15^0 + 22^0 = 29 + 62 + 90 + 150 + 220 \\ 551 &:= 2^9 + 6^2 + 11^0 + 17^0 + 18^0 = 29 + 62 + 110 + 170 + 180 & 551 &:= 2^9 + 6^2 + 9^0 + 16^0 + 21^0 = 29 + 62 + 90 + 160 + 210 \\ 551 &:= 2^9 + 6^2 + 12^0 + 12^0 + 22^0 = 29 + 62 + 120 + 120 + 220 & 551 &:= 2^9 + 6^2 + 9^0 + 17^0 + 20^0 = 29 + 62 + 90 + 170 + 200 \\ 551 &:= 2^9 + 6^2 + 12^0 + 13^0 + 21^0 = 29 + 62 + 120 + 130 + 210 & 551 &:= 2^9 + 6^2 + 9^0 + 18^0 + 19^0 = 29 + 62 + 90 + 180 + 190 \\ 551 &:= 2^9 + 6^2 + 12^0 + 14^0 + 20^0 = 29 + 62 + 120 + 140 + 200 & 551 &:= 2^9 + 7^0 + 8^0 + 10^1 + 27^1 = 29 + 70 + 80 + 101 + 271 \\ 551 &:= 2^9 + 6^2 + 12^0 + 15^0 + 19^0 = 29 + 62 + 120 + 150 + 190 & 551 &:= 2^9 + 7^0 + 8^0 + 11^1 + 26^1 = 29 + 70 + 80 + 111 + 261 \\ 551 &:= 2^9 + 6^2 + 12^0 + 16^0 + 18^0 = 29 + 62 + 120 + 160 + 180 & 551 &:= 2^9 + 7^0 + 8^0 + 12^1 + 25^1 = 29 + 70 + 80 + 121 + 251 \\ 551 &:= 2^9 + 6^2 + 12^0 + 17^0 + 17^0 = 29 + 62 + 120 + 170 + 170 & 551 &:= 2^9 + 7^0 + 8^0 + 13^1 + 24^1 = 29 + 70 + 80 + 131 + 241 \\ 551 &:= 2^9 + 6^2 + 13^0 + 13^0 + 20^0 = 29 + 62 + 130 + 130 + 200 & 551 &:= 2^9 + 7^0 + 8^0 + 14^1 + 23^1 = 29 + 70 + 80 + 141 + 231 \\ 551 &:= 2^9 + 6^2 + 13^0 + 14^0 + 19^0 = 29 + 62 + 130 + 140 + 190 & 551 &:= 2^9 + 7^0 + 8^0 + 15^1 + 22^1 = 29 + 70 + 80 + 151 + 221 \end{aligned}$$

$$\begin{aligned}
 551 &:= 2^9 + 7^0 + 8^0 + 16^1 + 21^1 = 29 + 70 + 80 + 161 + 211 \\
 551 &:= 2^9 + 7^0 + 8^0 + 17^1 + 20^1 = 29 + 70 + 80 + 171 + 201 \\
 551 &:= 2^9 + 7^0 + 8^0 + 18^1 + 19^1 = 29 + 70 + 80 + 181 + 191 \\
 551 &:= 3^3 + 3^4 + 9^2 + 19^2 + 20^0 = 33 + 34 + 92 + 192 + 200 \\
 551 &:= 3^3 + 3^5 + 8^0 + 16^2 + 24^1 = 33 + 35 + 80 + 162 + 241 \\
 551 &:= 3^4 + 3^5 + 10^0 + 15^2 + 23^0 = 34 + 35 + 100 + 152 + 230 \\
 551 &:= 3^4 + 3^5 + 11^0 + 15^2 + 22^0 = 34 + 35 + 110 + 152 + 220 \\
 551 &:= 3^4 + 3^5 + 12^0 + 15^2 + 21^0 = 34 + 35 + 120 + 152 + 210 \\
 551 &:= 3^4 + 3^5 + 13^0 + 15^2 + 20^0 = 34 + 35 + 130 + 152 + 200 \\
 551 &:= 3^4 + 3^5 + 14^0 + 15^2 + 19^0 = 34 + 35 + 140 + 152 + 190 \\
 551 &:= 3^4 + 3^5 + 15^0 + 15^2 + 18^0 = 34 + 35 + 150 + 152 + 180 \\
 551 &:= 3^4 + 3^5 + 15^2 + 16^0 + 17^0 = 34 + 35 + 152 + 160 + 170 \\
 551 &:= 3^4 + 3^5 + 6^0 + 15^2 + 27^0 = 34 + 35 + 60 + 152 + 270
 \end{aligned}$$

$$\begin{aligned}
 551 &:= 3^4 + 3^5 + 7^0 + 15^2 + 26^0 = 34 + 35 + 70 + 152 + 260 \\
 551 &:= 3^4 + 3^5 + 8^0 + 15^2 + 25^0 = 34 + 35 + 80 + 152 + 250 \\
 551 &:= 3^4 + 3^5 + 9^0 + 15^2 + 24^0 = 34 + 35 + 90 + 152 + 240 \\
 551 &:= 3^4 + 4^3 + 9^2 + 18^2 + 20^0 = 34 + 43 + 92 + 182 + 200 \\
 551 &:= 3^4 + 4^4 + 14^2 + 16^0 + 17^1 = 34 + 44 + 142 + 160 + 171 \\
 551 &:= 3^5 + 4^3 + 14^0 + 15^2 + 18^1 = 35 + 43 + 140 + 152 + 181 \\
 551 &:= 3^5 + 5^3 + 13^1 + 13^2 + 20^0 = 35 + 53 + 131 + 132 + 200 \\
 551 &:= 3^5 + 6^3 + 8^2 + 10^0 + 27^1 = 35 + 63 + 82 + 100 + 271 \\
 551 &:= 3^5 + 6^3 + 9^2 + 10^1 + 26^0 = 35 + 63 + 92 + 101 + 260 \\
 551 &:= 4^2 + 4^4 + 4^4 + 20^0 + 22^1 = 42 + 44 + 44 + 200 + 221 \\
 551 &:= 4^3 + 4^4 + 6^3 + 14^1 + 26^0 = 43 + 44 + 63 + 141 + 260
 \end{aligned}$$

2.2.453 Number 552

$$\begin{aligned}
 552 &:= 1^2 + 2^9 + 13^0 + 38^1 = 12 + 29 + 130 + 381 \\
 552 &:= 1^5 + 3^4 + 21^2 + 29^1 = 15 + 34 + 212 + 291 \\
 552 &:= 1^7 + 13^2 + 19^2 + 21^1 = 17 + 132 + 192 + 211 \\
 552 &:= 1^8 + 7^0 + 8^3 + 38^1 = 18 + 70 + 83 + 381 \\
 552 &:= 1^9 + 9^0 + 21^1 + 23^2 = 19 + 90 + 211 + 232 \\
 552 &:= 2^2 + 2^9 + 15^0 + 35^1 = 22 + 29 + 150 + 351 \\
 552 &:= 2^7 + 12^2 + 16^2 + 24^1 = 27 + 122 + 162 + 241 \\
 552 &:= 2^7 + 6^2 + 19^2 + 27^1 = 27 + 62 + 192 + 271 \\
 552 &:= 2^9 + 3^1 + 6^2 + 43^0 = 29 + 31 + 62 + 430 \\
 552 &:= 2^9 + 3^2 + 19^0 + 30^1 = 29 + 32 + 190 + 301 \\
 552 &:= 2^9 + 4^2 + 23^1 + 25^0 = 29 + 42 + 231 + 250 \\
 552 &:= 2^9 + 5^2 + 14^1 + 33^0 = 29 + 52 + 141 + 330 \\
 552 &:= 3^2 + 3^5 + 4^4 + 44^1 = 32 + 35 + 44 + 441 \\
 552 &:= 1^0 + 1^7 + 13^2 + 19^2 + 20^1 = 10 + 17 + 132 + 192 + 201 \\
 552 &:= 1^0 + 1^8 + 15^2 + 18^2 + 19^0 = 10 + 18 + 152 + 182 + 190 \\
 552 &:= 1^0 + 1^9 + 9^0 + 20^1 + 23^2 = 10 + 19 + 90 + 201 + 232 \\
 552 &:= 1^0 + 2^7 + 12^2 + 16^2 + 23^1 = 10 + 27 + 122 + 162 + 231 \\
 552 &:= 1^0 + 2^7 + 6^2 + 19^2 + 26^1 = 10 + 27 + 62 + 192 + 261 \\
 552 &:= 1^0 + 2^9 + 4^2 + 22^1 + 25^0 = 10 + 29 + 42 + 221 + 250 \\
 552 &:= 1^1 + 1^6 + 13^2 + 19^2 + 20^1 = 11 + 16 + 132 + 192 + 201 \\
 552 &:= 1^1 + 1^7 + 15^2 + 18^2 + 19^0 = 11 + 17 + 152 + 182 + 190 \\
 552 &:= 1^1 + 1^8 + 9^0 + 20^1 + 23^2 = 11 + 18 + 90 + 201 + 232 \\
 552 &:= 1^1 + 2^3 + 2^5 + 22^2 + 27^1 = 11 + 23 + 25 + 222 + 271
 \end{aligned}$$

$$\begin{aligned}
 552 &:= 1^1 + 2^6 + 5^3 + 19^2 + 27^0 = 11 + 26 + 53 + 192 + 270 \\
 552 &:= 1^1 + 2^6 + 8^2 + 20^2 + 23^1 = 11 + 26 + 82 + 202 + 231 \\
 552 &:= 1^1 + 2^9 + 11^1 + 13^0 + 27^1 = 11 + 29 + 111 + 130 + 271 \\
 552 &:= 1^1 + 2^9 + 12^1 + 13^0 + 26^1 = 11 + 29 + 121 + 130 + 261 \\
 552 &:= 1^1 + 2^9 + 13^0 + 13^1 + 25^1 = 11 + 29 + 130 + 131 + 251 \\
 552 &:= 1^1 + 2^9 + 13^0 + 14^1 + 24^1 = 11 + 29 + 130 + 141 + 241 \\
 552 &:= 1^1 + 2^9 + 13^0 + 15^1 + 23^1 = 11 + 29 + 130 + 151 + 231 \\
 552 &:= 1^1 + 2^9 + 13^0 + 16^1 + 22^1 = 11 + 29 + 130 + 161 + 221 \\
 552 &:= 1^1 + 2^9 + 13^0 + 17^1 + 21^1 = 11 + 29 + 130 + 171 + 211 \\
 552 &:= 1^1 + 2^9 + 13^0 + 18^1 + 20^1 = 11 + 29 + 130 + 181 + 201 \\
 552 &:= 1^1 + 2^9 + 13^0 + 19^1 + 19^1 = 11 + 29 + 130 + 191 + 191 \\
 552 &:= 1^2 + 1^5 + 13^2 + 19^2 + 20^1 = 12 + 15 + 132 + 192 + 201 \\
 552 &:= 1^2 + 1^6 + 15^2 + 18^2 + 19^0 = 12 + 16 + 152 + 182 + 190 \\
 552 &:= 1^2 + 1^7 + 9^0 + 20^1 + 23^2 = 12 + 17 + 90 + 201 + 232 \\
 552 &:= 1^2 + 2^5 + 3^2 + 22^2 + 26^1 = 12 + 25 + 32 + 222 + 261 \\
 552 &:= 1^2 + 2^7 + 9^0 + 20^2 + 22^1 = 12 + 27 + 90 + 202 + 221 \\
 552 &:= 1^3 + 1^4 + 13^2 + 19^2 + 20^1 = 13 + 14 + 132 + 192 + 201 \\
 552 &:= 1^3 + 1^5 + 15^2 + 18^2 + 19^0 = 13 + 15 + 152 + 182 + 190 \\
 552 &:= 1^3 + 1^6 + 9^0 + 20^1 + 23^2 = 13 + 16 + 90 + 201 + 232 \\
 552 &:= 1^3 + 2^1 + 2^6 + 22^2 + 27^0 = 13 + 21 + 26 + 222 + 270 \\
 552 &:= 1^3 + 3^4 + 15^2 + 15^2 + 20^1 = 13 + 34 + 152 + 152 + 201 \\
 552 &:= 1^3 + 4^4 + 10^2 + 13^2 + 26^1 = 13 + 44 + 102 + 132 + 261 \\
 552 &:= 1^4 + 1^4 + 15^2 + 18^2 + 19^0 = 14 + 14 + 152 + 182 + 190
 \end{aligned}$$

$$\begin{aligned} 552 &:= 1^4 + 1^5 + 9^0 + 20^1 + 23^2 = 14 + 15 + 90 + 201 + 232 & 552 &:= 1^6 + 3^0 + 5^3 + 20^2 + 25^1 = 16 + 30 + 53 + 202 + 251 \\ 552 &:= 1^4 + 2^1 + 3^4 + 21^2 + 27^1 = 14 + 21 + 34 + 212 + 271 & 552 &:= 1^6 + 3^1 + 13^2 + 18^1 + 19^2 = 16 + 31 + 132 + 181 + 192 \\ 552 &:= 1^4 + 2^3 + 6^2 + 22^2 + 23^1 = 14 + 23 + 62 + 222 + 231 & 552 &:= 1^6 + 3^2 + 10^2 + 19^0 + 21^2 = 16 + 32 + 102 + 190 + 212 \\ 552 &:= 1^4 + 2^3 + 9^2 + 21^1 + 21^2 = 14 + 23 + 92 + 211 + 212 & 552 &:= 1^6 + 4^1 + 13^2 + 17^1 + 19^2 = 16 + 41 + 132 + 171 + 192 \\ 552 &:= 1^4 + 2^4 + 8^3 + 21^0 + 22^1 = 14 + 24 + 83 + 210 + 221 & 552 &:= 1^6 + 4^2 + 8^3 + 19^0 + 22^1 = 16 + 42 + 83 + 190 + 221 \\ 552 &:= 1^4 + 3^1 + 3^4 + 21^2 + 26^1 = 14 + 31 + 34 + 212 + 261 & 552 &:= 1^6 + 5^1 + 13^2 + 16^1 + 19^2 = 16 + 51 + 132 + 161 + 192 \\ 552 &:= 1^4 + 3^3 + 12^2 + 19^1 + 19^2 = 14 + 33 + 122 + 191 + 192 & 552 &:= 1^6 + 5^2 + 8^3 + 13^1 + 27^0 = 16 + 52 + 83 + 131 + 270 \\ 552 &:= 1^4 + 3^3 + 4^2 + 22^2 + 24^1 = 14 + 33 + 42 + 222 + 241 & 552 &:= 1^6 + 6^1 + 13^2 + 15^1 + 19^2 = 16 + 61 + 132 + 151 + 192 \\ 552 &:= 1^4 + 3^4 + 10^1 + 19^1 + 21^2 = 14 + 34 + 101 + 191 + 212 & 552 &:= 1^6 + 6^2 + 15^0 + 15^2 + 17^2 = 16 + 62 + 150 + 152 + 172 \\ 552 &:= 1^4 + 3^4 + 11^1 + 18^1 + 21^2 = 14 + 34 + 111 + 181 + 212 & 552 &:= 1^6 + 6^3 + 10^1 + 18^2 + 19^0 = 16 + 63 + 101 + 182 + 190 \\ 552 &:= 1^4 + 3^4 + 12^1 + 17^1 + 21^2 = 14 + 34 + 121 + 171 + 212 & 552 &:= 1^6 + 7^1 + 13^2 + 14^1 + 19^2 = 16 + 71 + 132 + 141 + 192 \\ 552 &:= 1^4 + 3^4 + 13^1 + 16^1 + 21^2 = 14 + 34 + 131 + 161 + 212 & 552 &:= 1^6 + 7^3 + 11^1 + 14^2 + 21^0 = 16 + 73 + 111 + 142 + 210 \\ 552 &:= 1^4 + 3^4 + 14^1 + 15^1 + 21^2 = 14 + 34 + 141 + 151 + 212 & 552 &:= 1^6 + 8^1 + 13^1 + 13^2 + 19^2 = 16 + 81 + 131 + 132 + 192 \\ 552 &:= 1^4 + 3^4 + 4^1 + 21^2 + 25^1 = 14 + 34 + 41 + 212 + 251 & 552 &:= 1^6 + 9^1 + 12^1 + 13^2 + 19^2 = 16 + 91 + 121 + 132 + 192 \\ 552 &:= 1^4 + 3^4 + 5^1 + 21^2 + 24^1 = 14 + 34 + 51 + 212 + 241 & 552 &:= 1^7 + 2^1 + 8^2 + 21^0 + 22^2 = 17 + 21 + 82 + 210 + 222 \\ 552 &:= 1^4 + 3^4 + 6^1 + 21^2 + 23^1 = 14 + 34 + 61 + 212 + 231 & 552 &:= 1^7 + 2^2 + 11^0 + 17^1 + 23^2 = 17 + 22 + 110 + 171 + 232 \\ 552 &:= 1^4 + 3^4 + 7^1 + 21^2 + 22^1 = 14 + 34 + 71 + 212 + 221 & 552 &:= 1^7 + 3^2 + 12^1 + 15^0 + 23^2 = 17 + 32 + 121 + 150 + 232 \\ 552 &:= 1^4 + 3^4 + 8^1 + 21^1 + 21^2 = 14 + 34 + 81 + 211 + 212 & 552 &:= 1^7 + 4^2 + 5^1 + 21^0 + 23^2 = 17 + 42 + 51 + 210 + 232 \\ 552 &:= 1^4 + 3^4 + 9^1 + 20^1 + 21^2 = 14 + 34 + 91 + 201 + 212 & 552 &:= 1^7 + 5^1 + 15^0 + 16^2 + 17^2 = 17 + 51 + 150 + 162 + 172 \\ 552 &:= 1^4 + 3^5 + 15^0 + 17^2 + 18^1 = 14 + 35 + 150 + 172 + 181 & 552 &:= 1^7 + 6^1 + 12^2 + 15^0 + 20^2 = 17 + 61 + 122 + 150 + 202 \\ 552 &:= 1^4 + 4^3 + 12^2 + 18^2 + 19^1 = 14 + 43 + 122 + 182 + 191 & 552 &:= 1^7 + 7^0 + 7^2 + 17^1 + 22^2 = 17 + 70 + 72 + 171 + 222 \\ 552 &:= 1^4 + 4^3 + 5^3 + 19^2 + 25^0 = 14 + 43 + 53 + 192 + 250 & 552 &:= 1^7 + 7^0 + 8^3 + 11^1 + 27^1 = 17 + 70 + 83 + 111 + 271 \\ 552 &:= 1^4 + 5^3 + 9^2 + 18^2 + 21^1 = 14 + 53 + 92 + 182 + 211 & 552 &:= 1^7 + 7^0 + 8^3 + 12^1 + 26^1 = 17 + 70 + 83 + 121 + 261 \\ 552 &:= 1^4 + 6^3 + 12^2 + 13^2 + 22^1 = 14 + 63 + 122 + 132 + 221 & 552 &:= 1^7 + 7^0 + 8^3 + 13^1 + 25^1 = 17 + 70 + 83 + 131 + 251 \\ 552 &:= 1^4 + 7^3 + 9^2 + 10^2 + 27^1 = 14 + 73 + 92 + 102 + 271 & 552 &:= 1^7 + 7^0 + 8^3 + 14^1 + 24^1 = 17 + 70 + 83 + 141 + 241 \\ 552 &:= 1^5 + 12^2 + 13^1 + 13^2 + 15^2 = 15 + 122 + 131 + 132 + 152 & 552 &:= 1^7 + 7^0 + 8^3 + 15^1 + 23^1 = 17 + 70 + 83 + 151 + 231 \\ 552 &:= 1^5 + 2^4 + 5^1 + 23^0 + 23^2 = 15 + 24 + 51 + 230 + 232 & 552 &:= 1^7 + 7^0 + 8^3 + 16^1 + 22^1 = 17 + 70 + 83 + 161 + 221 \\ 552 &:= 1^5 + 3^2 + 6^2 + 22^1 + 22^2 = 15 + 32 + 62 + 221 + 222 & 552 &:= 1^7 + 7^0 + 8^3 + 17^1 + 21^1 = 17 + 70 + 83 + 171 + 211 \\ 552 &:= 1^5 + 3^2 + 9^2 + 20^1 + 21^2 = 15 + 32 + 92 + 201 + 212 & 552 &:= 1^7 + 7^0 + 8^3 + 18^1 + 20^1 = 17 + 70 + 83 + 181 + 201 \\ 552 &:= 1^5 + 4^4 + 5^1 + 17^2 + 27^0 = 15 + 44 + 51 + 172 + 270 & 552 &:= 1^7 + 7^0 + 8^3 + 19^1 + 19^1 = 17 + 70 + 83 + 191 + 191 \\ 552 &:= 1^5 + 5^2 + 5^3 + 20^2 + 23^0 = 15 + 52 + 53 + 202 + 230 & 552 &:= 1^7 + 9^1 + 10^2 + 13^0 + 21^2 = 17 + 91 + 102 + 130 + 212 \\ 552 &:= 1^5 + 5^3 + 13^2 + 16^2 + 19^0 = 15 + 53 + 132 + 162 + 190 & 552 &:= 1^8 + 10^0 + 10^0 + 15^2 + 18^2 = 18 + 100 + 100 + 152 + 182 \\ 552 &:= 1^5 + 5^3 + 8^2 + 19^2 + 21^0 = 15 + 53 + 82 + 192 + 210 & 552 &:= 1^8 + 2^0 + 15^2 + 18^0 + 18^2 = 18 + 20 + 152 + 180 + 182 \\ 552 &:= 1^6 + 10^1 + 11^1 + 13^2 + 19^2 = 16 + 101 + 111 + 132 + 192 & 552 &:= 1^8 + 2^1 + 9^0 + 19^1 + 23^2 = 18 + 21 + 90 + 191 + 232 \\ 552 &:= 1^6 + 10^2 + 13^0 + 15^2 + 15^2 = 16 + 102 + 130 + 152 + 152 & 552 &:= 1^8 + 2^4 + 2^9 + 22^1 + 26^0 = 18 + 24 + 29 + 221 + 260 \\ 552 &:= 1^6 + 2^1 + 13^2 + 19^1 + 19^2 = 16 + 21 + 132 + 191 + 192 & 552 &:= 1^8 + 3^0 + 15^2 + 17^0 + 18^2 = 18 + 30 + 152 + 170 + 182 \\ 552 &:= 1^6 + 2^1 + 4^3 + 22^2 + 25^0 = 16 + 21 + 43 + 222 + 250 & 552 &:= 1^8 + 3^1 + 9^0 + 18^1 + 23^2 = 18 + 31 + 90 + 181 + 232 \\ 552 &:= 1^6 + 2^3 + 13^1 + 15^0 + 23^2 = 16 + 23 + 131 + 150 + 232 & 552 &:= 1^8 + 4^0 + 15^2 + 16^0 + 18^2 = 18 + 40 + 152 + 160 + 182 \end{aligned}$$

$$\begin{aligned} 552 &:= 1^8 + 4^1 + 9^0 + 17^1 + 23^2 = 18 + 41 + 90 + 171 + 232 & 552 &:= 2^2 + 2^7 + 11^0 + 19^1 + 20^2 = 22 + 27 + 110 + 191 + 202 \\ 552 &:= 1^8 + 5^0 + 15^0 + 15^2 + 18^2 = 18 + 50 + 150 + 152 + 182 & 552 &:= 2^3 + 2^3 + 3^3 + 22^2 + 25^1 = 23 + 23 + 33 + 222 + 251 \\ 552 &:= 1^8 + 5^1 + 9^0 + 16^1 + 23^2 = 18 + 51 + 90 + 161 + 232 & 552 &:= 2^3 + 2^5 + 10^1 + 18^1 + 22^2 = 23 + 25 + 101 + 181 + 222 \\ 552 &:= 1^8 + 6^0 + 14^0 + 15^2 + 18^2 = 18 + 60 + 140 + 152 + 182 & 552 &:= 2^3 + 2^5 + 11^1 + 17^1 + 22^2 = 23 + 25 + 111 + 171 + 222 \\ 552 &:= 1^8 + 6^1 + 9^0 + 15^1 + 23^2 = 18 + 61 + 90 + 151 + 232 & 552 &:= 2^3 + 2^5 + 12^1 + 16^1 + 22^2 = 23 + 25 + 121 + 161 + 222 \\ 552 &:= 1^8 + 7^0 + 13^0 + 15^2 + 18^2 = 18 + 70 + 130 + 152 + 182 & 552 &:= 2^3 + 2^5 + 13^1 + 15^1 + 22^2 = 23 + 25 + 131 + 151 + 222 \\ 552 &:= 1^8 + 7^1 + 9^0 + 14^1 + 23^2 = 18 + 71 + 90 + 141 + 232 & 552 &:= 2^3 + 2^5 + 14^1 + 14^1 + 22^2 = 23 + 25 + 141 + 141 + 222 \\ 552 &:= 1^8 + 8^0 + 12^0 + 15^2 + 18^2 = 18 + 80 + 120 + 152 + 182 & 552 &:= 2^3 + 2^5 + 3^1 + 22^2 + 25^1 = 23 + 25 + 31 + 222 + 251 \\ 552 &:= 1^8 + 8^1 + 9^0 + 13^1 + 23^2 = 18 + 81 + 90 + 131 + 232 & 552 &:= 2^3 + 2^5 + 4^1 + 22^2 + 24^1 = 23 + 25 + 41 + 222 + 241 \\ 552 &:= 1^8 + 9^0 + 10^1 + 11^1 + 23^2 = 18 + 90 + 101 + 111 + 232 & 552 &:= 2^3 + 2^5 + 5^1 + 22^2 + 23^1 = 23 + 25 + 51 + 222 + 231 \\ 552 &:= 1^8 + 9^0 + 11^0 + 15^2 + 18^2 = 18 + 90 + 110 + 152 + 182 & 552 &:= 2^3 + 2^5 + 6^1 + 22^1 + 22^2 = 23 + 25 + 61 + 221 + 222 \\ 552 &:= 1^8 + 9^0 + 9^1 + 12^1 + 23^2 = 18 + 90 + 91 + 121 + 232 & 552 &:= 2^3 + 2^5 + 7^1 + 21^1 + 22^2 = 23 + 25 + 71 + 211 + 222 \\ 552 &:= 1^9 + 1^9 + 15^2 + 18^0 + 18^2 = 19 + 19 + 152 + 180 + 182 & 552 &:= 2^3 + 2^5 + 8^1 + 20^1 + 22^2 = 23 + 25 + 81 + 201 + 222 \\ 552 &:= 1^9 + 2^0 + 8^0 + 20^1 + 23^2 = 19 + 20 + 80 + 201 + 232 & 552 &:= 2^3 + 2^5 + 9^1 + 19^1 + 22^2 = 23 + 25 + 91 + 191 + 222 \\ 552 &:= 1^9 + 3^0 + 7^0 + 20^1 + 23^2 = 19 + 30 + 70 + 201 + 232 & 552 &:= 2^3 + 3^4 + 9^2 + 19^2 + 21^1 = 23 + 34 + 92 + 192 + 211 \\ 552 &:= 1^9 + 4^0 + 6^0 + 20^1 + 23^2 = 19 + 40 + 60 + 201 + 232 & 552 &:= 2^3 + 4^4 + 6^2 + 15^2 + 27^1 = 23 + 44 + 62 + 152 + 271 \\ 552 &:= 1^9 + 5^0 + 5^0 + 20^1 + 23^2 = 19 + 50 + 50 + 201 + 232 & 552 &:= 2^4 + 2^5 + 9^0 + 19^1 + 22^2 = 24 + 25 + 90 + 191 + 222 \\ 552 &:= 2^0 + 2^9 + 4^2 + 22^1 + 24^0 = 20 + 29 + 42 + 221 + 240 & 552 &:= 2^4 + 5^3 + 14^2 + 14^2 + 19^1 = 24 + 53 + 142 + 142 + 191 \\ 552 &:= 2^1 + 2^3 + 2^5 + 22^2 + 26^1 = 21 + 23 + 25 + 222 + 261 & 552 &:= 2^5 + 13^1 + 13^2 + 13^2 + 13^2 = 25 + 131 + 132 + 132 + 132 \\ 552 &:= 2^1 + 2^6 + 8^2 + 20^2 + 22^1 = 21 + 26 + 82 + 202 + 221 & 552 &:= 2^5 + 3^2 + 13^2 + 18^1 + 18^2 = 25 + 32 + 132 + 181 + 182 \\ 552 &:= 2^1 + 2^7 + 14^2 + 15^2 + 21^0 = 21 + 27 + 142 + 152 + 210 & 552 &:= 2^5 + 3^2 + 7^2 + 21^1 + 21^2 = 25 + 32 + 72 + 211 + 212 \\ 552 &:= 2^1 + 2^9 + 10^1 + 13^0 + 27^1 = 21 + 29 + 101 + 130 + 271 & 552 &:= 2^5 + 4^4 + 7^1 + 16^2 + 25^0 = 25 + 44 + 71 + 162 + 250 \\ 552 &:= 2^1 + 2^9 + 11^1 + 13^0 + 26^1 = 21 + 29 + 111 + 130 + 261 & 552 &:= 2^5 + 5^3 + 13^2 + 15^2 + 19^0 = 25 + 53 + 132 + 152 + 190 \\ 552 &:= 2^1 + 2^9 + 12^1 + 13^0 + 25^1 = 21 + 29 + 121 + 130 + 251 & 552 &:= 2^5 + 6^1 + 7^3 + 12^2 + 27^1 = 25 + 61 + 73 + 122 + 271 \\ 552 &:= 2^1 + 2^9 + 13^0 + 13^1 + 24^1 = 21 + 29 + 130 + 131 + 241 & 552 &:= 2^5 + 6^2 + 12^2 + 16^1 + 18^2 = 25 + 62 + 122 + 161 + 182 \\ 552 &:= 2^1 + 2^9 + 13^0 + 14^1 + 23^1 = 21 + 29 + 130 + 141 + 231 & 552 &:= 2^5 + 7^1 + 7^3 + 12^2 + 26^1 = 25 + 71 + 73 + 122 + 261 \\ 552 &:= 2^1 + 2^9 + 13^0 + 15^1 + 22^1 = 21 + 29 + 130 + 151 + 221 & 552 &:= 2^5 + 7^3 + 10^1 + 12^2 + 23^1 = 25 + 73 + 101 + 122 + 231 \\ 552 &:= 2^1 + 2^9 + 13^0 + 16^1 + 21^1 = 21 + 29 + 130 + 161 + 211 & 552 &:= 2^5 + 7^3 + 11^1 + 12^2 + 22^1 = 25 + 73 + 111 + 122 + 221 \\ 552 &:= 2^1 + 2^9 + 13^0 + 17^1 + 20^1 = 21 + 29 + 130 + 171 + 201 & 552 &:= 2^5 + 7^3 + 12^1 + 12^2 + 21^1 = 25 + 73 + 121 + 122 + 211 \\ 552 &:= 2^1 + 2^9 + 13^0 + 18^1 + 19^1 = 21 + 29 + 130 + 181 + 191 & 552 &:= 2^5 + 7^3 + 12^2 + 13^1 + 20^1 = 25 + 73 + 122 + 131 + 201 \\ 552 &:= 2^1 + 2^9 + 6^2 + 17^0 + 27^0 = 21 + 29 + 62 + 170 + 270 & 552 &:= 2^5 + 7^3 + 12^2 + 14^1 + 19^1 = 25 + 73 + 122 + 141 + 191 \\ 552 &:= 2^1 + 2^9 + 6^2 + 18^0 + 26^0 = 21 + 29 + 62 + 180 + 260 & 552 &:= 2^5 + 7^3 + 12^2 + 15^1 + 18^1 = 25 + 73 + 122 + 151 + 181 \\ 552 &:= 2^1 + 2^9 + 6^2 + 19^0 + 25^0 = 21 + 29 + 62 + 190 + 250 & 552 &:= 2^5 + 7^3 + 12^2 + 16^1 + 17^1 = 25 + 73 + 122 + 161 + 171 \\ 552 &:= 2^1 + 2^9 + 6^2 + 20^0 + 24^0 = 21 + 29 + 62 + 200 + 240 & 552 &:= 2^5 + 7^3 + 8^1 + 12^2 + 25^1 = 25 + 73 + 81 + 122 + 251 \\ 552 &:= 2^1 + 2^9 + 6^2 + 21^0 + 23^0 = 21 + 29 + 62 + 210 + 230 & 552 &:= 2^5 + 7^3 + 9^1 + 12^2 + 24^1 = 25 + 73 + 91 + 122 + 241 \\ 552 &:= 2^1 + 2^9 + 6^2 + 22^0 + 22^0 = 21 + 29 + 62 + 220 + 220 & 552 &:= 2^5 + 9^2 + 10^2 + 15^1 + 18^2 = 25 + 92 + 102 + 151 + 182 \\ 552 &:= 2^1 + 3^4 + 3^4 + 19^2 + 27^1 = 21 + 34 + 34 + 192 + 271 & 552 &:= 2^5 + 9^2 + 13^2 + 14^1 + 16^2 = 25 + 92 + 132 + 141 + 162 \\ 552 &:= 2^2 + 2^4 + 6^3 + 17^2 + 27^1 = 22 + 24 + 63 + 172 + 271 & 552 &:= 2^6 + 3^1 + 8^2 + 20^2 + 21^1 = 26 + 31 + 82 + 202 + 211 \end{aligned}$$

$$\begin{aligned} 552 &:= 2^6 + 3^3 + 9^0 + 19^1 + 21^2 = 26 + 33 + 90 + 191 + 212 & 552 &:= 2^9 + 3^1 + 13^0 + 17^1 + 19^1 = 29 + 31 + 130 + 171 + 191 \\ 552 &:= 2^6 + 4^1 + 8^2 + 20^1 + 20^2 = 26 + 41 + 82 + 201 + 202 & 552 &:= 2^9 + 3^1 + 13^0 + 18^1 + 18^1 = 29 + 31 + 130 + 181 + 181 \\ 552 &:= 2^6 + 4^3 + 5^0 + 20^2 + 23^1 = 26 + 43 + 50 + 202 + 231 & 552 &:= 2^9 + 3^1 + 9^1 + 13^0 + 27^1 = 29 + 31 + 91 + 130 + 271 \\ 552 &:= 2^6 + 5^1 + 8^2 + 19^1 + 20^2 = 26 + 51 + 82 + 191 + 202 & 552 &:= 2^9 + 4^0 + 4^2 + 22^0 + 22^1 = 29 + 40 + 42 + 220 + 221 \\ 552 &:= 2^6 + 6^1 + 8^2 + 18^1 + 20^2 = 26 + 61 + 82 + 181 + 202 & 552 &:= 2^9 + 4^1 + 10^1 + 13^0 + 25^1 = 29 + 41 + 101 + 130 + 251 \\ 552 &:= 2^6 + 6^3 + 15^0 + 15^1 + 16^2 = 26 + 63 + 150 + 151 + 162 & 552 &:= 2^9 + 4^1 + 11^1 + 13^0 + 24^1 = 29 + 41 + 111 + 130 + 241 \\ 552 &:= 2^6 + 7^1 + 8^2 + 17^1 + 20^2 = 26 + 71 + 82 + 171 + 202 & 552 &:= 2^9 + 4^1 + 12^1 + 13^0 + 23^1 = 29 + 41 + 121 + 130 + 231 \\ 552 &:= 2^6 + 7^3 + 11^0 + 11^2 + 23^1 = 26 + 73 + 110 + 112 + 231 & 552 &:= 2^9 + 4^1 + 13^0 + 13^1 + 22^1 = 29 + 41 + 130 + 131 + 221 \\ 552 &:= 2^6 + 8^1 + 8^2 + 16^1 + 20^2 = 26 + 81 + 82 + 161 + 202 & 552 &:= 2^9 + 4^1 + 13^0 + 14^1 + 21^1 = 29 + 41 + 130 + 141 + 211 \\ 552 &:= 2^6 + 8^2 + 10^1 + 14^1 + 20^2 = 26 + 82 + 101 + 141 + 202 & 552 &:= 2^9 + 4^1 + 13^0 + 15^1 + 20^1 = 29 + 41 + 130 + 151 + 201 \\ 552 &:= 2^6 + 8^2 + 11^1 + 13^1 + 20^2 = 26 + 82 + 111 + 131 + 202 & 552 &:= 2^9 + 4^1 + 13^0 + 16^1 + 19^1 = 29 + 41 + 130 + 161 + 191 \\ 552 &:= 2^6 + 8^2 + 12^1 + 12^1 + 20^2 = 26 + 82 + 121 + 121 + 202 & 552 &:= 2^9 + 4^1 + 13^0 + 17^1 + 18^1 = 29 + 41 + 130 + 171 + 181 \\ 552 &:= 2^6 + 8^2 + 9^1 + 15^1 + 20^2 = 26 + 82 + 91 + 151 + 202 & 552 &:= 2^9 + 4^1 + 8^1 + 13^0 + 27^1 = 29 + 41 + 81 + 130 + 271 \\ 552 &:= 2^7 + 11^0 + 11^2 + 13^1 + 17^2 = 27 + 110 + 112 + 131 + 172 & 552 &:= 2^9 + 4^1 + 9^1 + 13^0 + 26^1 = 29 + 41 + 91 + 130 + 261 \\ 552 &:= 2^7 + 3^2 + 14^1 + 15^0 + 20^2 = 27 + 32 + 141 + 150 + 202 & 552 &:= 2^9 + 4^2 + 10^0 + 16^0 + 22^1 = 29 + 42 + 100 + 160 + 221 \\ 552 &:= 2^7 + 4^2 + 7^1 + 20^2 + 21^0 = 27 + 42 + 71 + 202 + 210 & 552 &:= 2^9 + 4^2 + 11^0 + 15^0 + 22^1 = 29 + 42 + 110 + 150 + 221 \\ 552 &:= 2^7 + 7^0 + 9^2 + 18^1 + 18^2 = 27 + 70 + 92 + 181 + 182 & 552 &:= 2^9 + 4^2 + 12^0 + 14^0 + 22^1 = 29 + 42 + 120 + 140 + 221 \\ 552 &:= 2^7 + 7^2 + 13^0 + 13^1 + 19^2 = 27 + 72 + 130 + 131 + 192 & 552 &:= 2^9 + 4^2 + 13^0 + 13^0 + 22^1 = 29 + 42 + 130 + 130 + 221 \\ 552 &:= 2^9 + 10^1 + 10^1 + 13^0 + 19^1 = 29 + 101 + 101 + 130 + 191 & 552 &:= 2^9 + 4^2 + 5^0 + 21^0 + 22^1 = 29 + 42 + 50 + 210 + 221 \\ 552 &:= 2^9 + 10^1 + 11^1 + 13^0 + 18^1 = 29 + 101 + 111 + 130 + 181 & 552 &:= 2^9 + 4^2 + 6^0 + 20^0 + 22^1 = 29 + 42 + 60 + 200 + 221 \\ 552 &:= 2^9 + 10^1 + 12^1 + 13^0 + 17^1 = 29 + 101 + 121 + 130 + 171 & 552 &:= 2^9 + 4^2 + 7^0 + 19^0 + 22^1 = 29 + 42 + 70 + 190 + 221 \\ 552 &:= 2^9 + 10^1 + 13^0 + 13^1 + 16^1 = 29 + 101 + 130 + 131 + 161 & 552 &:= 2^9 + 4^2 + 8^0 + 18^0 + 22^1 = 29 + 42 + 80 + 180 + 221 \\ 552 &:= 2^9 + 10^1 + 13^0 + 14^1 + 15^1 = 29 + 101 + 130 + 141 + 151 & 552 &:= 2^9 + 4^2 + 9^0 + 17^0 + 22^1 = 29 + 42 + 90 + 170 + 221 \\ 552 &:= 2^9 + 11^1 + 11^1 + 13^0 + 17^1 = 29 + 111 + 111 + 130 + 171 & 552 &:= 2^9 + 5^1 + 10^1 + 13^0 + 24^1 = 29 + 51 + 101 + 130 + 241 \\ 552 &:= 2^9 + 11^1 + 12^1 + 13^0 + 16^1 = 29 + 111 + 121 + 130 + 161 & 552 &:= 2^9 + 5^1 + 11^1 + 13^0 + 23^1 = 29 + 51 + 111 + 130 + 231 \\ 552 &:= 2^9 + 11^1 + 13^0 + 13^1 + 15^1 = 29 + 111 + 130 + 131 + 151 & 552 &:= 2^9 + 5^1 + 12^1 + 13^0 + 22^1 = 29 + 51 + 121 + 130 + 221 \\ 552 &:= 2^9 + 11^1 + 13^0 + 14^1 + 14^1 = 29 + 111 + 130 + 141 + 141 & 552 &:= 2^9 + 5^1 + 13^0 + 13^1 + 21^1 = 29 + 51 + 130 + 131 + 211 \\ 552 &:= 2^9 + 12^1 + 12^1 + 13^0 + 15^1 = 29 + 121 + 121 + 130 + 151 & 552 &:= 2^9 + 5^1 + 13^0 + 14^1 + 20^1 = 29 + 51 + 130 + 141 + 201 \\ 552 &:= 2^9 + 12^1 + 13^0 + 13^1 + 14^1 = 29 + 121 + 130 + 131 + 141 & 552 &:= 2^9 + 5^1 + 13^0 + 15^1 + 19^1 = 29 + 51 + 130 + 151 + 191 \\ 552 &:= 2^9 + 13^0 + 13^1 + 13^1 + 13^1 = 29 + 130 + 131 + 131 + 131 & 552 &:= 2^9 + 5^1 + 13^0 + 16^1 + 18^1 = 29 + 51 + 130 + 161 + 181 \\ 552 &:= 2^9 + 3^0 + 4^2 + 22^1 + 23^0 = 29 + 30 + 42 + 221 + 230 & 552 &:= 2^9 + 5^1 + 13^0 + 17^1 + 17^1 = 29 + 51 + 130 + 171 + 171 \\ 552 &:= 2^9 + 3^1 + 10^1 + 13^0 + 26^1 = 29 + 31 + 101 + 130 + 261 & 552 &:= 2^9 + 5^1 + 7^1 + 13^0 + 27^1 = 29 + 51 + 71 + 130 + 271 \\ 552 &:= 2^9 + 3^1 + 11^1 + 13^0 + 25^1 = 29 + 31 + 111 + 130 + 251 & 552 &:= 2^9 + 5^1 + 8^1 + 13^0 + 26^1 = 29 + 51 + 81 + 130 + 261 \\ 552 &:= 2^9 + 3^1 + 12^1 + 13^0 + 24^1 = 29 + 31 + 121 + 130 + 241 & 552 &:= 2^9 + 5^1 + 9^1 + 13^0 + 25^1 = 29 + 51 + 91 + 130 + 251 \\ 552 &:= 2^9 + 3^1 + 13^0 + 13^1 + 23^1 = 29 + 31 + 130 + 131 + 231 & 552 &:= 2^9 + 5^2 + 10^0 + 13^1 + 24^0 = 29 + 52 + 100 + 131 + 240 \\ 552 &:= 2^9 + 3^1 + 13^0 + 14^1 + 22^1 = 29 + 31 + 130 + 141 + 221 & 552 &:= 2^9 + 5^2 + 11^0 + 13^1 + 23^0 = 29 + 52 + 110 + 131 + 230 \\ 552 &:= 2^9 + 3^1 + 13^0 + 15^1 + 21^1 = 29 + 31 + 130 + 151 + 211 & 552 &:= 2^9 + 5^2 + 12^0 + 13^1 + 22^0 = 29 + 52 + 120 + 131 + 220 \\ 552 &:= 2^9 + 3^1 + 13^0 + 16^1 + 20^1 = 29 + 31 + 130 + 161 + 201 & 552 &:= 2^9 + 5^2 + 13^0 + 13^1 + 21^0 = 29 + 52 + 130 + 131 + 210 \end{aligned}$$

$$\begin{aligned} 552 &:= 2^9 + 5^2 + 13^1 + 14^0 + 20^0 = 29 + 52 + 131 + 140 + 200 & 552 &:= 2^9 + 9^1 + 12^1 + 13^0 + 18^1 = 29 + 91 + 121 + 130 + 181 \\ 552 &:= 2^9 + 5^2 + 13^1 + 15^0 + 19^0 = 29 + 52 + 131 + 150 + 190 & 552 &:= 2^9 + 9^1 + 13^0 + 13^1 + 17^1 = 29 + 91 + 130 + 131 + 171 \\ 552 &:= 2^9 + 5^2 + 13^1 + 16^0 + 18^0 = 29 + 52 + 131 + 160 + 180 & 552 &:= 2^9 + 9^1 + 13^0 + 14^1 + 16^1 = 29 + 91 + 130 + 141 + 161 \\ 552 &:= 2^9 + 5^2 + 13^1 + 17^0 + 17^0 = 29 + 52 + 131 + 170 + 170 & 552 &:= 2^9 + 9^1 + 13^0 + 15^1 + 15^1 = 29 + 91 + 130 + 151 + 151 \\ 552 &:= 2^9 + 5^2 + 7^0 + 13^1 + 27^0 = 29 + 52 + 70 + 131 + 270 & 552 &:= 2^9 + 9^1 + 9^1 + 13^0 + 21^1 = 29 + 91 + 91 + 130 + 211 \\ 552 &:= 2^9 + 5^2 + 8^0 + 13^1 + 26^0 = 29 + 52 + 80 + 131 + 260 & 552 &:= 3^1 + 3^4 + 3^4 + 19^2 + 26^1 = 31 + 34 + 34 + 192 + 261 \\ 552 &:= 2^9 + 5^2 + 9^0 + 13^1 + 25^0 = 29 + 52 + 90 + 131 + 250 & 552 &:= 3^2 + 3^5 + 7^2 + 15^2 + 26^1 = 32 + 35 + 72 + 152 + 261 \\ 552 &:= 2^9 + 6^1 + 10^1 + 13^0 + 23^1 = 29 + 61 + 101 + 130 + 231 & 552 &:= 3^3 + 3^3 + 6^3 + 16^2 + 26^1 = 33 + 33 + 63 + 162 + 261 \\ 552 &:= 2^9 + 6^1 + 11^1 + 13^0 + 22^1 = 29 + 61 + 111 + 130 + 221 & 552 &:= 3^3 + 3^4 + 10^2 + 18^2 + 20^1 = 33 + 34 + 102 + 182 + 201 \\ 552 &:= 2^9 + 6^1 + 12^1 + 13^0 + 21^1 = 29 + 61 + 121 + 130 + 211 & 552 &:= 3^3 + 3^4 + 13^2 + 16^2 + 19^1 = 33 + 34 + 132 + 162 + 191 \\ 552 &:= 2^9 + 6^1 + 13^0 + 13^1 + 20^1 = 29 + 61 + 130 + 131 + 201 & 552 &:= 3^3 + 3^5 + 5^2 + 16^2 + 27^0 = 33 + 35 + 52 + 162 + 270 \\ 552 &:= 2^9 + 6^1 + 13^0 + 14^1 + 19^1 = 29 + 61 + 130 + 141 + 191 & 552 &:= 3^3 + 4^4 + 10^2 + 12^2 + 25^1 = 33 + 44 + 102 + 122 + 251 \\ 552 &:= 2^9 + 6^1 + 13^0 + 15^1 + 18^1 = 29 + 61 + 130 + 151 + 181 & 552 &:= 3^4 + 3^4 + 10^1 + 19^1 + 19^2 = 34 + 34 + 101 + 191 + 192 \\ 552 &:= 2^9 + 6^1 + 13^0 + 16^1 + 17^1 = 29 + 61 + 130 + 161 + 171 & 552 &:= 3^4 + 3^4 + 10^2 + 17^2 + 21^0 = 34 + 34 + 102 + 172 + 210 \\ 552 &:= 2^9 + 6^1 + 6^1 + 13^0 + 27^1 = 29 + 61 + 61 + 130 + 271 & 552 &:= 3^4 + 3^4 + 11^1 + 18^1 + 19^2 = 34 + 34 + 111 + 181 + 192 \\ 552 &:= 2^9 + 6^1 + 7^1 + 13^0 + 26^1 = 29 + 61 + 71 + 130 + 261 & 552 &:= 3^4 + 3^4 + 12^1 + 17^1 + 19^2 = 34 + 34 + 121 + 171 + 192 \\ 552 &:= 2^9 + 6^1 + 8^1 + 13^0 + 25^1 = 29 + 61 + 81 + 130 + 251 & 552 &:= 3^4 + 3^4 + 13^1 + 16^1 + 19^2 = 34 + 34 + 131 + 161 + 192 \\ 552 &:= 2^9 + 6^1 + 9^1 + 13^0 + 24^1 = 29 + 61 + 91 + 130 + 241 & 552 &:= 3^4 + 3^4 + 14^1 + 15^1 + 19^2 = 34 + 34 + 141 + 151 + 192 \\ 552 &:= 2^9 + 7^1 + 10^1 + 13^0 + 22^1 = 29 + 71 + 101 + 130 + 221 & 552 &:= 3^4 + 3^4 + 4^1 + 19^2 + 25^1 = 34 + 34 + 41 + 192 + 251 \\ 552 &:= 2^9 + 7^1 + 11^1 + 13^0 + 21^1 = 29 + 71 + 111 + 130 + 211 & 552 &:= 3^4 + 3^4 + 5^1 + 19^2 + 24^1 = 34 + 34 + 51 + 192 + 241 \\ 552 &:= 2^9 + 7^1 + 12^1 + 13^0 + 20^1 = 29 + 71 + 121 + 130 + 201 & 552 &:= 3^4 + 3^4 + 6^1 + 19^2 + 23^1 = 34 + 34 + 61 + 192 + 231 \\ 552 &:= 2^9 + 7^1 + 13^0 + 13^1 + 19^1 = 29 + 71 + 130 + 131 + 191 & 552 &:= 3^4 + 3^4 + 7^1 + 19^2 + 22^1 = 34 + 34 + 71 + 192 + 221 \\ 552 &:= 2^9 + 7^1 + 13^0 + 14^1 + 18^1 = 29 + 71 + 130 + 141 + 181 & 552 &:= 3^4 + 3^4 + 8^1 + 19^2 + 21^1 = 34 + 34 + 81 + 192 + 211 \\ 552 &:= 2^9 + 7^1 + 13^0 + 15^1 + 17^1 = 29 + 71 + 130 + 151 + 171 & 552 &:= 3^4 + 3^4 + 9^1 + 19^2 + 20^1 = 34 + 34 + 91 + 192 + 201 \\ 552 &:= 2^9 + 7^1 + 13^0 + 16^1 + 16^1 = 29 + 71 + 130 + 161 + 161 & 552 &:= 3^4 + 5^3 + 10^2 + 15^2 + 21^1 = 34 + 53 + 102 + 152 + 211 \\ 552 &:= 2^9 + 7^1 + 7^1 + 13^0 + 25^1 = 29 + 71 + 71 + 130 + 251 & 552 &:= 3^4 + 6^3 + 6^3 + 12^1 + 27^1 = 34 + 63 + 63 + 121 + 271 \\ 552 &:= 2^9 + 7^1 + 8^1 + 13^0 + 24^1 = 29 + 71 + 81 + 130 + 241 & 552 &:= 3^4 + 6^3 + 6^3 + 13^1 + 26^1 = 34 + 63 + 63 + 131 + 261 \\ 552 &:= 2^9 + 7^1 + 9^1 + 13^0 + 23^1 = 29 + 71 + 91 + 130 + 231 & 552 &:= 3^4 + 6^3 + 6^3 + 14^1 + 25^1 = 34 + 63 + 63 + 141 + 251 \\ 552 &:= 2^9 + 8^1 + 10^1 + 13^0 + 21^1 = 29 + 81 + 101 + 130 + 211 & 552 &:= 3^4 + 6^3 + 6^3 + 15^1 + 24^1 = 34 + 63 + 63 + 151 + 241 \\ 552 &:= 2^9 + 8^1 + 11^1 + 13^0 + 20^1 = 29 + 81 + 111 + 130 + 201 & 552 &:= 3^4 + 6^3 + 6^3 + 16^1 + 23^1 = 34 + 63 + 63 + 161 + 231 \\ 552 &:= 2^9 + 8^1 + 12^1 + 13^0 + 19^1 = 29 + 81 + 121 + 130 + 191 & 552 &:= 3^4 + 6^3 + 6^3 + 17^1 + 22^1 = 34 + 63 + 63 + 171 + 221 \\ 552 &:= 2^9 + 8^1 + 13^0 + 13^1 + 18^1 = 29 + 81 + 130 + 131 + 181 & 552 &:= 3^4 + 6^3 + 6^3 + 18^1 + 21^1 = 34 + 63 + 63 + 181 + 211 \\ 552 &:= 2^9 + 8^1 + 13^0 + 14^1 + 17^1 = 29 + 81 + 130 + 141 + 171 & 552 &:= 3^4 + 6^3 + 6^3 + 19^1 + 20^1 = 34 + 63 + 63 + 191 + 201 \\ 552 &:= 2^9 + 8^1 + 13^0 + 15^1 + 16^1 = 29 + 81 + 130 + 151 + 161 & 552 &:= 3^5 + 3^5 + 8^2 + 13^0 + 27^0 = 35 + 35 + 82 + 130 + 270 \\ 552 &:= 2^9 + 8^1 + 8^1 + 13^0 + 23^1 = 29 + 81 + 81 + 130 + 231 & 552 &:= 3^5 + 3^5 + 8^2 + 14^0 + 26^0 = 35 + 35 + 82 + 140 + 260 \\ 552 &:= 2^9 + 8^1 + 9^1 + 13^0 + 22^1 = 29 + 81 + 91 + 130 + 221 & 552 &:= 3^5 + 3^5 + 8^2 + 15^0 + 25^0 = 35 + 35 + 82 + 150 + 250 \\ 552 &:= 2^9 + 9^1 + 10^1 + 13^0 + 20^1 = 29 + 91 + 101 + 130 + 201 & 552 &:= 3^5 + 3^5 + 8^2 + 16^0 + 24^0 = 35 + 35 + 82 + 160 + 240 \\ 552 &:= 2^9 + 9^1 + 11^1 + 13^0 + 19^1 = 29 + 91 + 111 + 130 + 191 & 552 &:= 3^5 + 3^5 + 8^2 + 17^0 + 23^0 = 35 + 35 + 82 + 170 + 230 \end{aligned}$$

$$\begin{aligned}
 552 &:= 3^5 + 3^5 + 8^2 + 18^0 + 22^0 = 35 + 35 + 82 + 180 + 220 \\
 552 &:= 3^5 + 3^5 + 8^2 + 19^0 + 21^0 = 35 + 35 + 82 + 190 + 210 \\
 552 &:= 3^5 + 3^5 + 8^2 + 20^0 + 20^0 = 35 + 35 + 82 + 200 + 200 \\
 552 &:= 3^5 + 4^2 + 10^2 + 13^2 + 24^1 = 35 + 42 + 102 + 132 + 241 \\
 552 &:= 3^5 + 4^3 + 10^2 + 12^2 + 25^0 = 35 + 43 + 102 + 122 + 250 \\
 552 &:= 3^5 + 4^4 + 5^2 + 15^0 + 27^1 = 35 + 44 + 52 + 150 + 271
 \end{aligned}$$

$$\begin{aligned}
 552 &:= 3^5 + 4^4 + 6^2 + 16^1 + 25^0 = 35 + 44 + 62 + 161 + 250 \\
 552 &:= 3^5 + 5^2 + 8^2 + 14^2 + 24^1 = 35 + 52 + 82 + 142 + 241 \\
 552 &:= 3^5 + 6^2 + 9^2 + 13^2 + 23^1 = 35 + 62 + 92 + 132 + 231 \\
 552 &:= 4^3 + 4^4 + 6^2 + 13^2 + 27^1 = 43 + 44 + 62 + 132 + 271
 \end{aligned}$$

2.2.454 Number 553

$$\begin{aligned}
 553 &:= 9^0 + 23^1 + 23^2 = 90 + 231 + 232 \\
 553 &:= 1^0 + 9^0 + 22^1 + 23^2 = 10 + 90 + 221 + 232 \\
 553 &:= 1^3 + 2^9 + 12^0 + 39^1 = 13 + 29 + 120 + 391 \\
 553 &:= 1^9 + 6^0 + 8^3 + 39^1 = 19 + 60 + 83 + 391 \\
 553 &:= 2^0 + 8^0 + 22^1 + 23^2 = 20 + 80 + 221 + 232 \\
 553 &:= 2^2 + 2^9 + 6^2 + 44^0 = 22 + 29 + 62 + 440 \\
 553 &:= 2^3 + 2^9 + 18^0 + 32^1 = 23 + 29 + 180 + 321 \\
 553 &:= 2^8 + 4^4 + 8^0 + 40^1 = 28 + 44 + 80 + 401 \\
 553 &:= 2^9 + 3^3 + 13^1 + 36^0 = 29 + 33 + 131 + 360 \\
 553 &:= 3^0 + 7^0 + 22^1 + 23^2 = 30 + 70 + 221 + 232 \\
 553 &:= 4^0 + 6^0 + 22^1 + 23^2 = 40 + 60 + 221 + 232 \\
 553 &:= 5^0 + 5^0 + 22^1 + 23^2 = 50 + 50 + 221 + 232 \\
 553 &:= 1^0 + 1^0 + 9^0 + 21^1 + 23^2 = 10 + 10 + 90 + 211 + 232 \\
 553 &:= 1^0 + 2^0 + 8^0 + 21^1 + 23^2 = 10 + 20 + 80 + 211 + 232 \\
 553 &:= 1^0 + 3^0 + 7^0 + 21^1 + 23^2 = 10 + 30 + 70 + 211 + 232 \\
 553 &:= 1^0 + 4^0 + 6^0 + 21^1 + 23^2 = 10 + 40 + 60 + 211 + 232 \\
 553 &:= 1^0 + 5^0 + 5^0 + 21^1 + 23^2 = 10 + 50 + 50 + 211 + 232 \\
 553 &:= 1^1 + 1^9 + 8^0 + 21^1 + 23^2 = 11 + 19 + 80 + 211 + 232 \\
 553 &:= 1^1 + 2^9 + 4^2 + 23^1 + 24^0 = 11 + 29 + 42 + 231 + 240 \\
 553 &:= 1^2 + 1^8 + 8^0 + 21^1 + 23^2 = 12 + 18 + 80 + 211 + 232 \\
 553 &:= 1^2 + 2^9 + 12^0 + 12^1 + 27^1 = 12 + 29 + 120 + 121 + 271 \\
 553 &:= 1^2 + 2^9 + 12^0 + 13^1 + 26^1 = 12 + 29 + 120 + 131 + 261 \\
 553 &:= 1^2 + 2^9 + 12^0 + 14^1 + 25^1 = 12 + 29 + 120 + 141 + 251 \\
 553 &:= 1^2 + 2^9 + 12^0 + 15^1 + 24^1 = 12 + 29 + 120 + 151 + 241 \\
 553 &:= 1^2 + 2^9 + 12^0 + 16^1 + 23^1 = 12 + 29 + 120 + 161 + 231 \\
 553 &:= 1^2 + 2^9 + 12^0 + 17^1 + 22^1 = 12 + 29 + 120 + 171 + 221 \\
 553 &:= 1^2 + 2^9 + 12^0 + 18^1 + 21^1 = 12 + 29 + 120 + 181 + 211 \\
 553 &:= 1^2 + 2^9 + 12^0 + 19^1 + 20^1 = 12 + 29 + 120 + 191 + 201 \\
 553 &:= 1^3 + 1^7 + 8^0 + 21^1 + 23^2 = 13 + 17 + 80 + 211 + 232 \\
 553 &:= 1^3 + 2^7 + 8^0 + 20^2 + 23^1 = 13 + 27 + 80 + 202 + 231
 \end{aligned}$$

$$\begin{aligned}
 553 &:= 1^4 + 1^6 + 8^0 + 21^1 + 23^2 = 14 + 16 + 80 + 211 + 232 \\
 553 &:= 1^4 + 2^6 + 3^1 + 22^2 + 26^0 = 14 + 26 + 31 + 222 + 260 \\
 553 &:= 1^5 + 1^5 + 8^0 + 21^1 + 23^2 = 15 + 15 + 80 + 211 + 232 \\
 553 &:= 1^5 + 2^4 + 8^3 + 20^0 + 23^1 = 15 + 24 + 83 + 200 + 231 \\
 553 &:= 1^5 + 3^5 + 14^0 + 17^2 + 19^1 = 15 + 35 + 140 + 172 + 191 \\
 553 &:= 1^6 + 2^4 + 6^1 + 22^0 + 23^2 = 16 + 24 + 61 + 220 + 232 \\
 553 &:= 1^6 + 4^4 + 6^1 + 17^2 + 26^0 = 16 + 44 + 61 + 172 + 260 \\
 553 &:= 1^6 + 7^3 + 8^2 + 12^2 + 26^0 = 16 + 73 + 82 + 122 + 260 \\
 553 &:= 1^7 + 2^0 + 5^3 + 20^2 + 26^1 = 17 + 20 + 53 + 202 + 261 \\
 553 &:= 1^7 + 2^3 + 14^0 + 14^1 + 23^2 = 17 + 23 + 140 + 141 + 232 \\
 553 &:= 1^7 + 3^1 + 4^3 + 22^2 + 24^0 = 17 + 31 + 43 + 222 + 240 \\
 553 &:= 1^7 + 4^2 + 8^3 + 18^0 + 23^1 = 17 + 42 + 83 + 180 + 231 \\
 553 &:= 1^7 + 5^2 + 8^3 + 14^1 + 26^0 = 17 + 52 + 83 + 141 + 260 \\
 553 &:= 1^7 + 6^3 + 11^1 + 18^0 + 18^2 = 17 + 63 + 111 + 180 + 182 \\
 553 &:= 1^7 + 7^3 + 12^1 + 14^2 + 20^0 = 17 + 73 + 121 + 142 + 200 \\
 553 &:= 1^8 + 1^9 + 5^3 + 20^2 + 26^1 = 18 + 19 + 53 + 202 + 261 \\
 553 &:= 1^8 + 10^1 + 10^2 + 12^0 + 21^2 = 18 + 101 + 102 + 120 + 212 \\
 553 &:= 1^8 + 2^1 + 15^2 + 18^0 + 18^2 = 18 + 21 + 152 + 180 + 182 \\
 553 &:= 1^8 + 2^2 + 10^0 + 18^1 + 23^2 = 18 + 22 + 100 + 181 + 232 \\
 553 &:= 1^8 + 3^1 + 8^2 + 20^0 + 22^2 = 18 + 31 + 82 + 200 + 222 \\
 553 &:= 1^8 + 3^2 + 13^1 + 14^0 + 23^2 = 18 + 32 + 131 + 140 + 232 \\
 553 &:= 1^8 + 4^2 + 6^1 + 20^0 + 23^2 = 18 + 42 + 61 + 200 + 232 \\
 553 &:= 1^8 + 6^0 + 7^2 + 18^1 + 22^2 = 18 + 60 + 72 + 181 + 222 \\
 553 &:= 1^8 + 6^0 + 8^3 + 12^1 + 27^1 = 18 + 60 + 83 + 121 + 271 \\
 553 &:= 1^8 + 6^0 + 8^3 + 13^1 + 26^1 = 18 + 60 + 83 + 131 + 261 \\
 553 &:= 1^8 + 6^0 + 8^3 + 14^1 + 25^1 = 18 + 60 + 83 + 141 + 251 \\
 553 &:= 1^8 + 6^0 + 8^3 + 15^1 + 24^1 = 18 + 60 + 83 + 151 + 241 \\
 553 &:= 1^8 + 6^0 + 8^3 + 16^1 + 23^1 = 18 + 60 + 83 + 161 + 231 \\
 553 &:= 1^8 + 6^0 + 8^3 + 17^1 + 22^1 = 18 + 60 + 83 + 171 + 221 \\
 553 &:= 1^8 + 6^0 + 8^3 + 18^1 + 21^1 = 18 + 60 + 83 + 181 + 211
 \end{aligned}$$

$$\begin{aligned} 553 &:= 1^8 + 6^0 + 8^3 + 19^1 + 20^1 = 18 + 60 + 83 + 191 + 201 & 553 &:= 2^6 + 5^3 + 7^3 + 20^0 + 20^1 = 26 + 53 + 73 + 200 + 201 \\ 553 &:= 1^8 + 6^1 + 14^0 + 16^2 + 17^2 = 18 + 61 + 140 + 162 + 172 & 553 &:= 2^7 + 5^3 + 10^1 + 17^2 + 20^0 = 27 + 53 + 101 + 172 + 200 \\ 553 &:= 1^8 + 7^1 + 12^2 + 14^0 + 20^2 = 18 + 71 + 122 + 140 + 202 & 553 &:= 2^7 + 6^2 + 8^2 + 18^2 + 20^0 = 27 + 62 + 82 + 182 + 200 \\ 553 &:= 1^9 + 2^1 + 8^0 + 20^1 + 23^2 = 19 + 21 + 80 + 201 + 232 & 553 &:= 2^7 + 6^3 + 12^1 + 14^2 + 20^0 = 27 + 63 + 121 + 142 + 200 \\ 553 &:= 1^9 + 2^4 + 2^9 + 23^1 + 25^0 = 19 + 24 + 29 + 231 + 250 & 553 &:= 2^7 + 7^3 + 8^2 + 17^1 + 20^0 = 27 + 73 + 82 + 171 + 200 \\ 553 &:= 1^9 + 3^1 + 8^0 + 19^1 + 23^2 = 19 + 31 + 80 + 191 + 232 & 553 &:= 2^8 + 4^1 + 6^2 + 16^2 + 26^0 = 28 + 41 + 62 + 162 + 260 \\ 553 &:= 1^9 + 4^1 + 8^0 + 18^1 + 23^2 = 19 + 41 + 80 + 181 + 232 & 553 &:= 2^8 + 4^2 + 8^0 + 16^2 + 24^1 = 28 + 42 + 80 + 162 + 241 \\ 553 &:= 1^9 + 5^1 + 8^0 + 17^1 + 23^2 = 19 + 51 + 80 + 171 + 232 & 553 &:= 2^8 + 5^2 + 15^1 + 16^0 + 16^2 = 28 + 52 + 151 + 160 + 162 \\ 553 &:= 1^9 + 6^1 + 8^0 + 16^1 + 23^2 = 19 + 61 + 80 + 161 + 232 & 553 &:= 2^8 + 6^1 + 11^2 + 13^2 + 22^0 = 28 + 61 + 112 + 132 + 220 \\ 553 &:= 1^9 + 7^1 + 8^0 + 15^1 + 23^2 = 19 + 71 + 80 + 151 + 232 & 553 &:= 2^8 + 7^1 + 8^2 + 15^2 + 22^0 = 28 + 71 + 82 + 152 + 220 \\ 553 &:= 1^9 + 8^0 + 10^1 + 12^1 + 23^2 = 19 + 80 + 101 + 121 + 232 & 553 &:= 2^8 + 7^2 + 8^0 + 15^2 + 22^1 = 28 + 72 + 80 + 152 + 221 \\ 553 &:= 1^9 + 8^0 + 11^1 + 11^1 + 23^2 = 19 + 80 + 111 + 111 + 232 & 553 &:= 2^8 + 8^1 + 12^2 + 12^2 + 20^0 = 28 + 81 + 122 + 122 + 200 \\ 553 &:= 1^9 + 8^0 + 8^1 + 14^1 + 23^2 = 19 + 80 + 81 + 141 + 232 & 553 &:= 2^8 + 9^2 + 10^0 + 14^2 + 19^1 = 28 + 92 + 100 + 142 + 191 \\ 553 &:= 1^9 + 8^0 + 9^1 + 13^1 + 23^2 = 19 + 80 + 91 + 131 + 232 & 553 &:= 2^9 + 3^1 + 4^2 + 21^1 + 24^0 = 29 + 31 + 42 + 211 + 240 \\ 553 &:= 2^0 + 2^0 + 7^0 + 21^1 + 23^2 = 20 + 20 + 70 + 211 + 232 & 553 &:= 2^9 + 3^2 + 10^1 + 18^0 + 21^1 = 29 + 32 + 101 + 180 + 211 \\ 553 &:= 2^0 + 2^8 + 10^2 + 13^2 + 27^1 = 20 + 28 + 102 + 132 + 271 & 553 &:= 2^9 + 3^2 + 11^1 + 18^0 + 20^1 = 29 + 32 + 111 + 180 + 201 \\ 553 &:= 2^0 + 3^0 + 6^0 + 21^1 + 23^2 = 20 + 30 + 60 + 211 + 232 & 553 &:= 2^9 + 3^2 + 12^1 + 18^0 + 19^1 = 29 + 32 + 121 + 180 + 191 \\ 553 &:= 2^0 + 4^0 + 5^0 + 21^1 + 23^2 = 20 + 40 + 50 + 211 + 232 & 553 &:= 2^9 + 3^2 + 13^1 + 18^0 + 18^1 = 29 + 32 + 131 + 180 + 181 \\ 553 &:= 2^1 + 2^9 + 4^2 + 22^1 + 24^0 = 21 + 29 + 42 + 221 + 240 & 553 &:= 2^9 + 3^2 + 14^1 + 17^1 + 18^0 = 29 + 32 + 141 + 171 + 180 \\ 553 &:= 2^2 + 2^9 + 10^1 + 14^0 + 26^1 = 22 + 29 + 101 + 140 + 261 & 553 &:= 2^9 + 3^2 + 15^1 + 16^1 + 18^0 = 29 + 32 + 151 + 161 + 180 \\ 553 &:= 2^2 + 2^9 + 11^1 + 14^0 + 25^1 = 22 + 29 + 111 + 140 + 251 & 553 &:= 2^9 + 3^2 + 4^1 + 18^0 + 27^1 = 29 + 32 + 41 + 180 + 271 \\ 553 &:= 2^2 + 2^9 + 12^1 + 14^0 + 24^1 = 22 + 29 + 121 + 140 + 241 & 553 &:= 2^9 + 3^2 + 5^1 + 18^0 + 26^1 = 29 + 32 + 51 + 180 + 261 \\ 553 &:= 2^2 + 2^9 + 13^1 + 14^0 + 23^1 = 22 + 29 + 131 + 140 + 231 & 553 &:= 2^9 + 3^2 + 6^1 + 18^0 + 25^1 = 29 + 32 + 61 + 180 + 251 \\ 553 &:= 2^2 + 2^9 + 14^0 + 14^1 + 22^1 = 22 + 29 + 140 + 141 + 221 & 553 &:= 2^9 + 3^2 + 7^1 + 18^0 + 24^1 = 29 + 32 + 71 + 180 + 241 \\ 553 &:= 2^2 + 2^9 + 14^0 + 15^1 + 21^1 = 22 + 29 + 140 + 151 + 211 & 553 &:= 2^9 + 3^2 + 8^1 + 18^0 + 23^1 = 29 + 32 + 81 + 180 + 231 \\ 553 &:= 2^2 + 2^9 + 14^0 + 16^1 + 20^1 = 22 + 29 + 140 + 161 + 201 & 553 &:= 2^9 + 3^2 + 9^1 + 18^0 + 22^1 = 29 + 32 + 91 + 180 + 221 \\ 553 &:= 2^2 + 2^9 + 14^0 + 17^1 + 19^1 = 22 + 29 + 140 + 171 + 191 & 553 &:= 2^9 + 3^3 + 10^0 + 12^1 + 27^0 = 29 + 33 + 100 + 121 + 270 \\ 553 &:= 2^2 + 2^9 + 14^0 + 18^1 + 18^1 = 22 + 29 + 140 + 181 + 181 & 553 &:= 2^9 + 3^3 + 11^0 + 12^1 + 26^0 = 29 + 33 + 110 + 121 + 260 \\ 553 &:= 2^2 + 2^9 + 9^1 + 14^0 + 27^1 = 22 + 29 + 91 + 140 + 271 & 553 &:= 2^9 + 3^3 + 12^0 + 12^1 + 25^0 = 29 + 33 + 120 + 121 + 250 \\ 553 &:= 2^3 + 2^7 + 14^0 + 16^1 + 20^2 = 23 + 27 + 140 + 161 + 202 & 553 &:= 2^9 + 3^3 + 12^1 + 13^0 + 24^0 = 29 + 33 + 121 + 130 + 240 \\ 553 &:= 2^4 + 4^4 + 4^4 + 20^0 + 24^1 = 24 + 44 + 44 + 200 + 241 & 553 &:= 2^9 + 3^3 + 12^1 + 14^0 + 23^0 = 29 + 33 + 121 + 140 + 230 \\ 553 &:= 2^5 + 2^5 + 4^1 + 22^2 + 24^0 = 25 + 25 + 41 + 222 + 240 & 553 &:= 2^9 + 3^3 + 12^1 + 15^0 + 22^0 = 29 + 33 + 121 + 150 + 220 \\ 553 &:= 2^5 + 3^5 + 12^0 + 16^2 + 21^1 = 25 + 35 + 120 + 162 + 211 & 553 &:= 2^9 + 3^3 + 12^1 + 16^0 + 21^0 = 29 + 33 + 121 + 160 + 210 \\ 553 &:= 2^6 + 3^3 + 10^2 + 19^2 + 20^0 = 26 + 33 + 102 + 192 + 200 & 553 &:= 2^9 + 3^3 + 12^1 + 17^0 + 20^0 = 29 + 33 + 121 + 170 + 200 \\ 553 &:= 2^6 + 3^4 + 7^1 + 20^2 + 22^0 = 26 + 34 + 71 + 202 + 220 & 553 &:= 2^9 + 3^3 + 12^1 + 18^0 + 19^0 = 29 + 33 + 121 + 180 + 190 \\ 553 &:= 2^6 + 4^2 + 6^3 + 16^2 + 26^0 = 26 + 42 + 63 + 162 + 260 & 553 &:= 2^9 + 4^1 + 4^2 + 20^1 + 24^0 = 29 + 41 + 42 + 201 + 240 \\ 553 &:= 2^6 + 4^3 + 10^2 + 18^2 + 20^0 = 26 + 43 + 102 + 182 + 200 & 553 &:= 2^9 + 4^2 + 10^1 + 14^1 + 24^0 = 29 + 42 + 101 + 141 + 240 \\ 553 &:= 2^6 + 4^4 + 7^1 + 15^2 + 26^0 = 26 + 44 + 71 + 152 + 260 & 553 &:= 2^9 + 4^2 + 11^1 + 13^1 + 24^0 = 29 + 42 + 111 + 131 + 240 \end{aligned}$$

$$\begin{aligned}
 553 &:= 2^9 + 4^2 + 12^1 + 12^1 + 24^0 = 29 + 42 + 121 + 121 + 240 \\
 553 &:= 2^9 + 4^2 + 5^1 + 19^1 + 24^0 = 29 + 42 + 51 + 191 + 240 \\
 553 &:= 2^9 + 4^2 + 6^1 + 18^1 + 24^0 = 29 + 42 + 61 + 181 + 240 \\
 553 &:= 2^9 + 4^2 + 7^1 + 17^1 + 24^0 = 29 + 42 + 71 + 171 + 240 \\
 553 &:= 2^9 + 4^2 + 8^1 + 16^1 + 24^0 = 29 + 42 + 81 + 161 + 240 \\
 553 &:= 2^9 + 4^2 + 9^1 + 15^1 + 24^0 = 29 + 42 + 91 + 151 + 240
 \end{aligned}$$

$$\begin{aligned}
 553 &:= 3^0 + 3^0 + 5^0 + 21^1 + 23^2 = 30 + 30 + 50 + 211 + 232 \\
 553 &:= 3^0 + 4^0 + 4^0 + 21^1 + 23^2 = 30 + 40 + 40 + 211 + 232 \\
 553 &:= 3^3 + 3^5 + 4^4 + 18^0 + 26^1 = 33 + 35 + 44 + 180 + 261 \\
 553 &:= 3^5 + 3^5 + 7^2 + 17^1 + 24^0 = 35 + 35 + 72 + 171 + 240
 \end{aligned}$$

2.2.455 Number 554

$$\begin{aligned}
 554 &:= 6^0 + 8^3 + 41^1 = 60 + 83 + 411 \\
 554 &:= 1^0 + 6^0 + 8^3 + 40^1 = 10 + 60 + 83 + 401 \\
 554 &:= 1^1 + 8^0 + 23^1 + 23^2 = 11 + 80 + 231 + 232 \\
 554 &:= 1^4 + 2^9 + 11^0 + 40^1 = 14 + 29 + 110 + 401 \\
 554 &:= 1^8 + 5^3 + 20^2 + 28^1 = 18 + 53 + 202 + 281 \\
 554 &:= 2^0 + 5^0 + 8^3 + 40^1 = 20 + 50 + 83 + 401 \\
 554 &:= 2^1 + 8^0 + 22^1 + 23^2 = 21 + 80 + 221 + 232 \\
 554 &:= 2^3 + 2^8 + 16^2 + 34^1 = 23 + 28 + 162 + 341 \\
 554 &:= 2^4 + 2^9 + 25^0 + 25^1 = 24 + 29 + 250 + 251 \\
 554 &:= 3^0 + 4^0 + 8^3 + 40^1 = 30 + 40 + 83 + 401 \\
 554 &:= 3^1 + 8^0 + 21^1 + 23^2 = 31 + 80 + 211 + 232 \\
 554 &:= 4^1 + 8^0 + 20^1 + 23^2 = 41 + 80 + 201 + 232 \\
 554 &:= 5^1 + 8^0 + 19^1 + 23^2 = 51 + 80 + 191 + 232 \\
 554 &:= 6^1 + 8^0 + 18^1 + 23^2 = 61 + 80 + 181 + 232 \\
 554 &:= 7^1 + 8^0 + 17^1 + 23^2 = 71 + 80 + 171 + 232 \\
 554 &:= 8^0 + 10^1 + 14^1 + 23^2 = 80 + 101 + 141 + 232 \\
 554 &:= 8^0 + 11^1 + 13^1 + 23^2 = 80 + 111 + 131 + 232 \\
 554 &:= 8^0 + 12^1 + 12^1 + 23^2 = 80 + 121 + 121 + 232 \\
 554 &:= 8^0 + 8^1 + 16^1 + 23^2 = 80 + 81 + 161 + 232 \\
 554 &:= 8^0 + 9^1 + 15^1 + 23^2 = 80 + 91 + 151 + 232 \\
 554 &:= 1^0 + 1^1 + 8^0 + 22^1 + 23^2 = 10 + 11 + 80 + 221 + 232 \\
 554 &:= 1^0 + 1^8 + 5^3 + 20^2 + 27^1 = 10 + 18 + 53 + 202 + 271 \\
 554 &:= 1^0 + 2^1 + 8^0 + 21^1 + 23^2 = 10 + 21 + 80 + 211 + 232 \\
 554 &:= 1^0 + 2^4 + 2^9 + 24^1 + 25^0 = 10 + 24 + 29 + 241 + 250 \\
 554 &:= 1^0 + 3^1 + 8^0 + 20^1 + 23^2 = 10 + 31 + 80 + 201 + 232 \\
 554 &:= 1^0 + 4^1 + 8^0 + 19^1 + 23^2 = 10 + 41 + 80 + 191 + 232 \\
 554 &:= 1^0 + 5^1 + 8^0 + 18^1 + 23^2 = 10 + 51 + 80 + 181 + 232 \\
 554 &:= 1^0 + 6^1 + 8^0 + 17^1 + 23^2 = 10 + 61 + 80 + 171 + 232 \\
 554 &:= 1^0 + 7^1 + 8^0 + 16^1 + 23^2 = 10 + 71 + 80 + 161 + 232 \\
 554 &:= 1^0 + 8^0 + 10^1 + 13^1 + 23^2 = 10 + 80 + 101 + 131 + 232
 \end{aligned}$$

$$\begin{aligned}
 554 &:= 1^0 + 8^0 + 11^1 + 12^1 + 23^2 = 10 + 80 + 111 + 121 + 232 \\
 554 &:= 1^0 + 8^0 + 8^1 + 15^1 + 23^2 = 10 + 80 + 81 + 151 + 232 \\
 554 &:= 1^0 + 8^0 + 9^1 + 14^1 + 23^2 = 10 + 80 + 91 + 141 + 232 \\
 554 &:= 1^1 + 1^7 + 5^3 + 20^2 + 27^1 = 11 + 17 + 53 + 202 + 271 \\
 554 &:= 1^1 + 2^0 + 7^0 + 22^1 + 23^2 = 11 + 20 + 70 + 221 + 232 \\
 554 &:= 1^1 + 3^0 + 6^0 + 22^1 + 23^2 = 11 + 30 + 60 + 221 + 232 \\
 554 &:= 1^1 + 4^0 + 5^0 + 22^1 + 23^2 = 11 + 40 + 50 + 221 + 232 \\
 554 &:= 1^2 + 1^6 + 5^3 + 20^2 + 27^1 = 12 + 16 + 53 + 202 + 271 \\
 554 &:= 1^2 + 1^9 + 7^0 + 22^1 + 23^2 = 12 + 19 + 70 + 221 + 232 \\
 554 &:= 1^2 + 2^8 + 10^2 + 14^2 + 27^0 = 12 + 28 + 102 + 142 + 270 \\
 554 &:= 1^2 + 2^9 + 4^2 + 23^0 + 24^1 = 12 + 29 + 42 + 230 + 241 \\
 554 &:= 1^3 + 1^5 + 5^3 + 20^2 + 27^1 = 13 + 15 + 53 + 202 + 271 \\
 554 &:= 1^3 + 1^8 + 7^0 + 22^1 + 23^2 = 13 + 18 + 70 + 221 + 232 \\
 554 &:= 1^3 + 2^6 + 12^2 + 18^2 + 21^1 = 13 + 26 + 122 + 182 + 211 \\
 554 &:= 1^3 + 2^7 + 10^2 + 18^2 + 23^0 = 13 + 27 + 102 + 182 + 230 \\
 554 &:= 1^3 + 2^8 + 7^1 + 17^2 + 27^0 = 13 + 28 + 71 + 172 + 270 \\
 554 &:= 1^3 + 2^9 + 11^0 + 13^1 + 27^1 = 13 + 29 + 110 + 131 + 271 \\
 554 &:= 1^3 + 2^9 + 11^0 + 14^1 + 26^1 = 13 + 29 + 110 + 141 + 261 \\
 554 &:= 1^3 + 2^9 + 11^0 + 15^1 + 25^1 = 13 + 29 + 110 + 151 + 251 \\
 554 &:= 1^3 + 2^9 + 11^0 + 16^1 + 24^1 = 13 + 29 + 110 + 161 + 241 \\
 554 &:= 1^3 + 2^9 + 11^0 + 17^1 + 23^1 = 13 + 29 + 110 + 171 + 231 \\
 554 &:= 1^3 + 2^9 + 11^0 + 18^1 + 22^1 = 13 + 29 + 110 + 181 + 221 \\
 554 &:= 1^3 + 2^9 + 11^0 + 19^1 + 21^1 = 13 + 29 + 110 + 191 + 211 \\
 554 &:= 1^3 + 2^9 + 11^0 + 20^1 + 20^1 = 13 + 29 + 110 + 201 + 201 \\
 554 &:= 1^4 + 1^4 + 5^3 + 20^2 + 27^1 = 14 + 14 + 53 + 202 + 271 \\
 554 &:= 1^4 + 1^7 + 7^0 + 22^1 + 23^2 = 14 + 17 + 70 + 221 + 232 \\
 554 &:= 1^4 + 2^2 + 2^6 + 22^2 + 27^0 = 14 + 22 + 26 + 222 + 270 \\
 554 &:= 1^4 + 2^4 + 3^3 + 22^2 + 26^1 = 14 + 24 + 33 + 222 + 261 \\
 554 &:= 1^4 + 2^5 + 10^2 + 20^2 + 21^1 = 14 + 25 + 102 + 202 + 211 \\
 554 &:= 1^4 + 2^7 + 7^0 + 20^2 + 24^1 = 14 + 27 + 70 + 202 + 241
 \end{aligned}$$

$$\begin{aligned} 554 &:= 1^5 + 1^6 + 7^0 + 22^1 + 23^2 = 15 + 16 + 70 + 221 + 232 & 554 &:= 1^8 + 2^3 + 13^0 + 15^1 + 23^2 = 18 + 23 + 130 + 151 + 232 \\ 554 &:= 1^5 + 2^2 + 3^4 + 21^2 + 27^1 = 15 + 22 + 34 + 212 + 271 & 554 &:= 1^8 + 4^1 + 4^3 + 22^2 + 23^0 = 18 + 41 + 43 + 222 + 230 \\ 554 &:= 1^5 + 2^5 + 14^2 + 18^2 + 19^0 = 15 + 25 + 142 + 182 + 190 & 554 &:= 1^8 + 4^2 + 8^3 + 17^0 + 24^1 = 18 + 42 + 83 + 170 + 241 \\ 554 &:= 1^5 + 2^5 + 6^2 + 22^2 + 23^0 = 15 + 25 + 62 + 222 + 230 & 554 &:= 1^8 + 5^2 + 8^3 + 15^1 + 25^0 = 18 + 52 + 83 + 151 + 250 \\ 554 &:= 1^5 + 2^6 + 4^1 + 22^2 + 25^0 = 15 + 26 + 41 + 222 + 250 & 554 &:= 1^8 + 6^3 + 12^1 + 17^0 + 18^2 = 18 + 63 + 121 + 170 + 182 \\ 554 &:= 1^5 + 3^4 + 14^2 + 16^2 + 20^1 = 15 + 34 + 142 + 162 + 201 & 554 &:= 1^8 + 7^3 + 13^1 + 14^2 + 19^0 = 18 + 73 + 131 + 142 + 190 \\ 554 &:= 1^5 + 3^4 + 7^2 + 20^2 + 23^1 = 15 + 34 + 72 + 202 + 231 & 554 &:= 1^9 + 10^2 + 11^0 + 11^1 + 21^2 = 19 + 102 + 110 + 111 + 212 \\ 554 &:= 1^5 + 4^3 + 4^3 + 20^2 + 25^1 = 15 + 43 + 43 + 202 + 251 & 554 &:= 1^9 + 2^2 + 9^0 + 19^1 + 23^2 = 19 + 22 + 90 + 191 + 232 \\ 554 &:= 1^6 + 2^4 + 8^3 + 19^0 + 24^1 = 16 + 24 + 83 + 190 + 241 & 554 &:= 1^9 + 3^1 + 15^2 + 17^0 + 18^2 = 19 + 31 + 152 + 170 + 182 \\ 554 &:= 1^6 + 3^3 + 5^3 + 20^2 + 25^0 = 16 + 33 + 53 + 202 + 250 & 554 &:= 1^9 + 3^2 + 13^0 + 14^1 + 23^2 = 19 + 32 + 130 + 141 + 232 \\ 554 &:= 1^6 + 3^3 + 8^2 + 21^1 + 21^2 = 16 + 33 + 82 + 211 + 212 & 554 &:= 1^9 + 4^1 + 8^2 + 19^0 + 22^2 = 19 + 41 + 82 + 190 + 222 \\ 554 &:= 1^6 + 3^5 + 13^0 + 17^2 + 20^1 = 16 + 35 + 130 + 172 + 201 & 554 &:= 1^9 + 4^2 + 7^1 + 19^0 + 23^2 = 19 + 42 + 71 + 190 + 232 \\ 554 &:= 1^6 + 4^3 + 5^2 + 21^2 + 23^1 = 16 + 43 + 52 + 212 + 231 & 554 &:= 1^9 + 5^0 + 7^2 + 19^1 + 22^2 = 19 + 50 + 72 + 191 + 222 \\ 554 &:= 1^6 + 4^4 + 10^2 + 14^2 + 25^0 = 16 + 44 + 102 + 142 + 250 & 554 &:= 1^9 + 5^0 + 8^3 + 13^1 + 27^1 = 19 + 50 + 83 + 131 + 271 \\ 554 &:= 1^7 + 2^1 + 5^3 + 20^2 + 26^1 = 17 + 21 + 53 + 202 + 261 & 554 &:= 1^9 + 5^0 + 8^3 + 14^1 + 26^1 = 19 + 50 + 83 + 141 + 261 \\ 554 &:= 1^7 + 2^2 + 13^2 + 19^1 + 19^2 = 17 + 22 + 132 + 191 + 192 & 554 &:= 1^9 + 5^0 + 8^3 + 15^1 + 25^1 = 19 + 50 + 83 + 151 + 251 \\ 554 &:= 1^7 + 2^2 + 4^3 + 22^2 + 25^0 = 17 + 22 + 43 + 222 + 250 & 554 &:= 1^9 + 5^0 + 8^3 + 16^1 + 24^1 = 19 + 50 + 83 + 161 + 241 \\ 554 &:= 1^7 + 2^3 + 12^2 + 19^0 + 20^2 = 17 + 23 + 122 + 190 + 202 & 554 &:= 1^9 + 5^0 + 8^3 + 17^1 + 23^1 = 19 + 50 + 83 + 171 + 231 \\ 554 &:= 1^7 + 2^4 + 7^1 + 21^0 + 23^2 = 17 + 24 + 71 + 210 + 232 & 554 &:= 1^9 + 5^0 + 8^3 + 18^1 + 22^1 = 19 + 50 + 83 + 181 + 221 \\ 554 &:= 1^7 + 3^1 + 5^3 + 20^2 + 25^1 = 17 + 31 + 53 + 202 + 251 & 554 &:= 1^9 + 5^0 + 8^3 + 19^1 + 21^1 = 19 + 50 + 83 + 191 + 211 \\ 554 &:= 1^7 + 4^1 + 5^3 + 20^2 + 24^1 = 17 + 41 + 53 + 202 + 241 & 554 &:= 1^9 + 5^0 + 8^3 + 20^1 + 20^1 = 19 + 50 + 83 + 201 + 201 \\ 554 &:= 1^7 + 4^2 + 14^2 + 17^1 + 18^2 = 17 + 42 + 142 + 171 + 182 & 554 &:= 1^9 + 7^1 + 13^0 + 16^2 + 17^2 = 19 + 71 + 130 + 162 + 172 \\ 554 &:= 1^7 + 4^4 + 7^1 + 17^2 + 25^0 = 17 + 44 + 71 + 172 + 250 & 554 &:= 1^9 + 8^1 + 12^2 + 13^0 + 20^2 = 19 + 81 + 122 + 130 + 202 \\ 554 &:= 1^7 + 5^1 + 5^3 + 20^2 + 23^1 = 17 + 51 + 53 + 202 + 231 & 554 &:= 2^0 + 2^1 + 7^0 + 21^1 + 23^2 = 20 + 21 + 70 + 211 + 232 \\ 554 &:= 1^7 + 5^2 + 16^1 + 16^2 + 16^2 = 17 + 52 + 161 + 162 + 162 & 554 &:= 2^0 + 2^4 + 2^9 + 24^0 + 24^1 = 20 + 24 + 29 + 240 + 241 \\ 554 &:= 1^7 + 5^3 + 10^1 + 18^1 + 20^2 = 17 + 53 + 101 + 181 + 202 & 554 &:= 2^0 + 3^1 + 7^0 + 20^1 + 23^2 = 20 + 31 + 70 + 201 + 232 \\ 554 &:= 1^7 + 5^3 + 11^1 + 17^1 + 20^2 = 17 + 53 + 111 + 171 + 202 & 554 &:= 2^0 + 4^1 + 7^0 + 19^1 + 23^2 = 20 + 41 + 70 + 191 + 232 \\ 554 &:= 1^7 + 5^3 + 12^1 + 16^1 + 20^2 = 17 + 53 + 121 + 161 + 202 & 554 &:= 2^0 + 5^1 + 7^0 + 18^1 + 23^2 = 20 + 51 + 70 + 181 + 232 \\ 554 &:= 1^7 + 5^3 + 13^1 + 15^1 + 20^2 = 17 + 53 + 131 + 151 + 202 & 554 &:= 2^0 + 6^1 + 7^0 + 17^1 + 23^2 = 20 + 61 + 70 + 171 + 232 \\ 554 &:= 1^7 + 5^3 + 14^1 + 14^1 + 20^2 = 17 + 53 + 141 + 141 + 202 & 554 &:= 2^0 + 7^0 + 10^1 + 13^1 + 23^2 = 20 + 70 + 101 + 131 + 232 \\ 554 &:= 1^7 + 5^3 + 6^1 + 20^2 + 22^1 = 17 + 53 + 61 + 202 + 221 & 554 &:= 2^0 + 7^0 + 11^1 + 12^1 + 23^2 = 20 + 70 + 111 + 121 + 232 \\ 554 &:= 1^7 + 5^3 + 7^1 + 20^2 + 21^1 = 17 + 53 + 71 + 202 + 211 & 554 &:= 2^0 + 7^0 + 7^1 + 16^1 + 23^2 = 20 + 70 + 71 + 161 + 232 \\ 554 &:= 1^7 + 5^3 + 8^1 + 20^1 + 20^2 = 17 + 53 + 81 + 201 + 202 & 554 &:= 2^0 + 7^0 + 8^1 + 15^1 + 23^2 = 20 + 70 + 81 + 151 + 232 \\ 554 &:= 1^7 + 5^3 + 9^1 + 19^1 + 20^2 = 17 + 53 + 91 + 191 + 202 & 554 &:= 2^0 + 7^0 + 9^1 + 14^1 + 23^2 = 20 + 70 + 91 + 141 + 232 \\ 554 &:= 1^7 + 6^2 + 10^2 + 17^1 + 20^2 = 17 + 62 + 102 + 171 + 202 & 554 &:= 2^1 + 2^8 + 10^2 + 13^2 + 27^1 = 21 + 28 + 102 + 132 + 271 \\ 554 &:= 1^7 + 9^2 + 13^2 + 14^1 + 17^2 = 17 + 92 + 132 + 141 + 172 & 554 &:= 2^1 + 3^0 + 6^0 + 21^1 + 23^2 = 21 + 30 + 60 + 211 + 232 \\ 554 &:= 1^8 + 10^2 + 13^0 + 14^2 + 16^2 = 18 + 102 + 130 + 142 + 162 & 554 &:= 2^1 + 4^0 + 5^0 + 21^1 + 23^2 = 21 + 40 + 50 + 211 + 232 \\ 554 &:= 1^8 + 2^2 + 8^2 + 21^0 + 22^2 = 18 + 22 + 82 + 210 + 222 & 554 &:= 2^2 + 2^7 + 12^2 + 16^2 + 22^1 = 22 + 27 + 122 + 162 + 221 \end{aligned}$$

$$\begin{aligned} 554 &:= 2^2 + 2^7 + 6^2 + 19^2 + 25^1 = 22 + 27 + 62 + 192 + 251 & 554 &:= 2^6 + 4^4 + 6^3 + 17^1 + 25^0 = 26 + 44 + 63 + 171 + 250 \\ 554 &:= 2^2 + 2^9 + 4^2 + 21^1 + 25^0 = 22 + 29 + 42 + 211 + 250 & 554 &:= 2^6 + 4^4 + 8^2 + 13^2 + 27^0 = 26 + 44 + 82 + 132 + 270 \\ 554 &:= 2^3 + 2^6 + 10^2 + 19^2 + 21^1 = 23 + 26 + 102 + 192 + 211 & 554 &:= 2^6 + 6^3 + 9^2 + 13^2 + 24^1 = 26 + 63 + 92 + 132 + 241 \\ 554 &:= 2^3 + 2^6 + 4^2 + 21^2 + 25^1 = 23 + 26 + 42 + 212 + 251 & 554 &:= 2^7 + 11^2 + 12^2 + 12^2 + 17^1 = 27 + 112 + 122 + 122 + 171 \\ 554 &:= 2^3 + 2^9 + 10^1 + 17^0 + 23^1 = 23 + 29 + 101 + 170 + 231 & 554 &:= 2^7 + 3^4 + 11^0 + 18^2 + 20^1 = 27 + 34 + 110 + 182 + 201 \\ 554 &:= 2^3 + 2^9 + 11^1 + 17^0 + 22^1 = 23 + 29 + 111 + 170 + 221 & 554 &:= 2^7 + 3^4 + 7^3 + 15^0 + 27^0 = 27 + 34 + 73 + 150 + 270 \\ 554 &:= 2^3 + 2^9 + 12^1 + 17^0 + 21^1 = 23 + 29 + 121 + 170 + 211 & 554 &:= 2^7 + 3^4 + 7^3 + 16^0 + 26^0 = 27 + 34 + 73 + 160 + 260 \\ 554 &:= 2^3 + 2^9 + 13^1 + 17^0 + 20^1 = 23 + 29 + 131 + 170 + 201 & 554 &:= 2^7 + 3^4 + 7^3 + 17^0 + 25^0 = 27 + 34 + 73 + 170 + 250 \\ 554 &:= 2^3 + 2^9 + 14^1 + 17^0 + 19^1 = 23 + 29 + 141 + 170 + 191 & 554 &:= 2^7 + 3^4 + 7^3 + 18^0 + 24^0 = 27 + 34 + 73 + 180 + 240 \\ 554 &:= 2^3 + 2^9 + 15^1 + 17^0 + 18^1 = 23 + 29 + 151 + 170 + 181 & 554 &:= 2^7 + 3^4 + 7^3 + 19^0 + 23^0 = 27 + 34 + 73 + 190 + 230 \\ 554 &:= 2^3 + 2^9 + 16^1 + 17^0 + 17^1 = 23 + 29 + 161 + 170 + 171 & 554 &:= 2^7 + 3^4 + 7^3 + 20^0 + 22^0 = 27 + 34 + 73 + 200 + 220 \\ 554 &:= 2^3 + 2^9 + 6^1 + 17^0 + 27^1 = 23 + 29 + 61 + 170 + 271 & 554 &:= 2^7 + 3^4 + 7^3 + 21^0 + 21^0 = 27 + 34 + 73 + 210 + 210 \\ 554 &:= 2^3 + 2^9 + 7^1 + 17^0 + 26^1 = 23 + 29 + 71 + 170 + 261 & 554 &:= 2^7 + 4^2 + 10^2 + 17^2 + 21^1 = 27 + 42 + 102 + 172 + 211 \\ 554 &:= 2^3 + 2^9 + 8^1 + 17^0 + 25^1 = 23 + 29 + 81 + 170 + 251 & 554 &:= 2^7 + 4^2 + 5^2 + 19^2 + 24^1 = 27 + 42 + 52 + 192 + 241 \\ 554 &:= 2^3 + 2^9 + 9^1 + 17^0 + 24^1 = 23 + 29 + 91 + 170 + 241 & 554 &:= 2^7 + 4^2 + 8^2 + 18^2 + 22^1 = 27 + 42 + 82 + 182 + 221 \\ 554 &:= 2^4 + 2^5 + 4^3 + 21^2 + 25^0 = 24 + 25 + 43 + 212 + 250 & 554 &:= 2^7 + 4^3 + 7^3 + 18^1 + 23^0 = 27 + 43 + 73 + 181 + 230 \\ 554 &:= 2^4 + 2^5 + 6^3 + 17^2 + 27^0 = 24 + 25 + 63 + 172 + 270 & 554 &:= 2^7 + 4^4 + 11^0 + 12^2 + 25^1 = 27 + 44 + 110 + 122 + 251 \\ 554 &:= 2^4 + 2^7 + 9^1 + 20^2 + 21^0 = 24 + 27 + 91 + 202 + 210 & 554 &:= 2^7 + 6^2 + 9^2 + 17^2 + 20^1 = 27 + 62 + 92 + 172 + 201 \\ 554 &:= 2^4 + 2^9 + 10^0 + 16^0 + 24^1 = 24 + 29 + 100 + 160 + 241 & 554 &:= 2^8 + 10^1 + 10^2 + 13^2 + 19^1 = 28 + 101 + 102 + 132 + 191 \\ 554 &:= 2^4 + 2^9 + 11^0 + 15^0 + 24^1 = 24 + 29 + 110 + 150 + 241 & 554 &:= 2^8 + 10^2 + 11^1 + 13^2 + 18^1 = 28 + 102 + 111 + 132 + 181 \\ 554 &:= 2^4 + 2^9 + 12^0 + 14^0 + 24^1 = 24 + 29 + 120 + 140 + 241 & 554 &:= 2^8 + 10^2 + 12^1 + 13^2 + 17^1 = 28 + 102 + 121 + 132 + 171 \\ 554 &:= 2^4 + 2^9 + 13^0 + 13^0 + 24^1 = 24 + 29 + 130 + 130 + 241 & 554 &:= 2^8 + 10^2 + 13^1 + 13^2 + 16^1 = 28 + 102 + 131 + 132 + 161 \\ 554 &:= 2^4 + 2^9 + 3^0 + 23^0 + 24^1 = 24 + 29 + 30 + 230 + 241 & 554 &:= 2^8 + 10^2 + 13^2 + 14^1 + 15^1 = 28 + 102 + 132 + 141 + 151 \\ 554 &:= 2^4 + 2^9 + 4^0 + 22^0 + 24^1 = 24 + 29 + 40 + 220 + 241 & 554 &:= 2^8 + 3^1 + 10^2 + 13^2 + 26^1 = 28 + 31 + 102 + 132 + 261 \\ 554 &:= 2^4 + 2^9 + 5^0 + 21^0 + 24^1 = 24 + 29 + 50 + 210 + 241 & 554 &:= 2^8 + 3^2 + 10^1 + 16^2 + 23^1 = 28 + 32 + 101 + 162 + 231 \\ 554 &:= 2^4 + 2^9 + 6^0 + 20^0 + 24^1 = 24 + 29 + 60 + 200 + 241 & 554 &:= 2^8 + 3^2 + 11^1 + 16^2 + 22^1 = 28 + 32 + 111 + 162 + 221 \\ 554 &:= 2^4 + 2^9 + 7^0 + 19^0 + 24^1 = 24 + 29 + 70 + 190 + 241 & 554 &:= 2^8 + 3^2 + 12^1 + 16^2 + 21^1 = 28 + 32 + 121 + 162 + 211 \\ 554 &:= 2^4 + 2^9 + 8^0 + 18^0 + 24^1 = 24 + 29 + 80 + 180 + 241 & 554 &:= 2^8 + 3^2 + 12^2 + 12^2 + 25^0 = 28 + 32 + 122 + 122 + 250 \\ 554 &:= 2^4 + 2^9 + 9^0 + 17^0 + 24^1 = 24 + 29 + 90 + 170 + 241 & 554 &:= 2^8 + 3^2 + 13^1 + 16^2 + 20^1 = 28 + 32 + 131 + 162 + 201 \\ 554 &:= 2^4 + 3^5 + 10^2 + 13^2 + 26^1 = 24 + 35 + 102 + 132 + 261 & 554 &:= 2^8 + 3^2 + 14^1 + 16^2 + 19^1 = 28 + 32 + 141 + 162 + 191 \\ 554 &:= 2^5 + 2^6 + 13^0 + 16^1 + 21^2 = 25 + 26 + 130 + 161 + 212 & 554 &:= 2^8 + 3^2 + 15^1 + 16^2 + 18^1 = 28 + 32 + 151 + 162 + 181 \\ 554 &:= 2^5 + 3^4 + 14^2 + 15^2 + 20^1 = 25 + 34 + 142 + 152 + 201 & 554 &:= 2^8 + 3^2 + 16^1 + 16^2 + 17^1 = 28 + 32 + 161 + 162 + 171 \\ 554 &:= 2^5 + 3^4 + 4^2 + 20^2 + 25^1 = 25 + 34 + 42 + 202 + 251 & 554 &:= 2^8 + 3^2 + 6^1 + 16^2 + 27^1 = 28 + 32 + 61 + 162 + 271 \\ 554 &:= 2^6 + 3^3 + 9^2 + 19^2 + 21^1 = 26 + 33 + 92 + 192 + 211 & 554 &:= 2^8 + 3^2 + 7^1 + 16^2 + 26^1 = 28 + 32 + 71 + 162 + 261 \\ 554 &:= 2^6 + 3^5 + 13^0 + 15^2 + 21^1 = 26 + 35 + 130 + 152 + 211 & 554 &:= 2^8 + 3^2 + 8^1 + 16^2 + 25^1 = 28 + 32 + 81 + 162 + 251 \\ 554 &:= 2^6 + 4^2 + 5^3 + 18^2 + 25^1 = 26 + 42 + 53 + 182 + 251 & 554 &:= 2^8 + 3^2 + 9^1 + 16^2 + 24^1 = 28 + 32 + 91 + 162 + 241 \\ 554 &:= 2^6 + 4^3 + 4^3 + 19^2 + 25^0 = 26 + 43 + 43 + 192 + 250 & 554 &:= 2^8 + 3^3 + 14^1 + 16^2 + 19^0 = 28 + 33 + 141 + 162 + 190 \\ 554 &:= 2^6 + 4^3 + 9^2 + 18^2 + 21^1 = 26 + 43 + 92 + 182 + 211 & 554 &:= 2^8 + 4^1 + 10^2 + 13^2 + 25^1 = 28 + 41 + 102 + 132 + 251 \end{aligned}$$

$554 := 2^8 + 4^2 + 5^2 + 16^2 + 27^0$	$= 28 + 42 + 52 + 162 + 270$	$554 := 3^0 + 6^0 + 11^1 + 12^1 + 23^2$	$= 30 + 60 + 111 + 121 + 232$
$554 := 2^8 + 4^3 + 8^1 + 15^2 + 25^0$	$= 28 + 43 + 81 + 152 + 250$	$554 := 3^0 + 6^0 + 6^1 + 17^1 + 23^2$	$= 30 + 60 + 61 + 171 + 232$
$554 := 2^8 + 4^4 + 7^0 + 14^1 + 27^1$	$= 28 + 44 + 70 + 141 + 271$	$554 := 3^0 + 6^0 + 7^1 + 16^1 + 23^2$	$= 30 + 60 + 71 + 161 + 232$
$554 := 2^8 + 4^4 + 7^0 + 15^1 + 26^1$	$= 28 + 44 + 70 + 151 + 261$	$554 := 3^0 + 6^0 + 8^1 + 15^1 + 23^2$	$= 30 + 60 + 81 + 151 + 232$
$554 := 2^8 + 4^4 + 7^0 + 16^1 + 25^1$	$= 28 + 44 + 70 + 161 + 251$	$554 := 3^0 + 6^0 + 9^1 + 14^1 + 23^2$	$= 30 + 60 + 91 + 141 + 232$
$554 := 2^8 + 4^4 + 7^0 + 17^1 + 24^1$	$= 28 + 44 + 70 + 171 + 241$	$554 := 3^1 + 4^0 + 5^0 + 20^1 + 23^2$	$= 31 + 40 + 50 + 201 + 232$
$554 := 2^8 + 4^4 + 7^0 + 18^1 + 23^1$	$= 28 + 44 + 70 + 181 + 231$	$554 := 3^5 + 3^5 + 5^2 + 16^1 + 27^1$	$= 35 + 35 + 52 + 161 + 271$
$554 := 2^8 + 4^4 + 7^0 + 19^1 + 22^1$	$= 28 + 44 + 70 + 191 + 221$	$554 := 3^5 + 3^5 + 5^2 + 17^1 + 26^1$	$= 35 + 35 + 52 + 171 + 261$
$554 := 2^8 + 4^4 + 7^0 + 20^1 + 21^1$	$= 28 + 44 + 70 + 201 + 211$	$554 := 3^5 + 3^5 + 5^2 + 18^1 + 25^1$	$= 35 + 35 + 52 + 181 + 251$
$554 := 2^8 + 5^1 + 10^2 + 13^2 + 24^1$	$= 28 + 51 + 102 + 132 + 241$	$554 := 3^5 + 3^5 + 5^2 + 19^1 + 24^1$	$= 35 + 35 + 52 + 191 + 241$
$554 := 2^8 + 6^1 + 10^2 + 13^2 + 23^1$	$= 28 + 61 + 102 + 132 + 231$	$554 := 3^5 + 3^5 + 5^2 + 20^1 + 23^1$	$= 35 + 35 + 52 + 201 + 231$
$554 := 2^8 + 6^2 + 6^2 + 15^2 + 25^0$	$= 28 + 62 + 62 + 152 + 250$	$554 := 3^5 + 3^5 + 5^2 + 21^1 + 22^1$	$= 35 + 35 + 52 + 211 + 221$
$554 := 2^8 + 6^3 + 8^2 + 17^1 + 21^0$	$= 28 + 63 + 82 + 171 + 210$	$554 := 4^0 + 4^1 + 5^0 + 19^1 + 23^2$	$= 40 + 41 + 50 + 191 + 232$
$554 := 2^8 + 7^1 + 10^2 + 13^2 + 22^1$	$= 28 + 71 + 102 + 132 + 221$	$554 := 4^0 + 5^0 + 10^1 + 13^1 + 23^2$	$= 40 + 50 + 101 + 131 + 232$
$554 := 2^8 + 8^1 + 10^2 + 13^2 + 21^1$	$= 28 + 81 + 102 + 132 + 211$	$554 := 4^0 + 5^0 + 11^1 + 12^1 + 23^2$	$= 40 + 50 + 111 + 121 + 232$
$554 := 2^8 + 8^2 + 8^2 + 13^2 + 23^0$	$= 28 + 82 + 82 + 132 + 230$	$554 := 4^0 + 5^0 + 5^1 + 18^1 + 23^2$	$= 40 + 50 + 51 + 181 + 232$
$554 := 2^8 + 9^1 + 10^2 + 13^2 + 20^1$	$= 28 + 91 + 102 + 132 + 201$	$554 := 4^0 + 5^0 + 6^1 + 17^1 + 23^2$	$= 40 + 50 + 61 + 171 + 232$
$554 := 2^9 + 3^2 + 3^2 + 23^0 + 23^1$	$= 29 + 32 + 32 + 230 + 231$	$554 := 4^0 + 5^0 + 7^1 + 16^1 + 23^2$	$= 40 + 50 + 71 + 161 + 232$
$554 := 3^0 + 3^1 + 6^0 + 20^1 + 23^2$	$= 30 + 31 + 60 + 201 + 232$	$554 := 4^0 + 5^0 + 8^1 + 15^1 + 23^2$	$= 40 + 50 + 81 + 151 + 232$
$554 := 3^0 + 4^1 + 6^0 + 19^1 + 23^2$	$= 30 + 41 + 60 + 191 + 232$	$554 := 4^0 + 5^0 + 9^1 + 14^1 + 23^2$	$= 40 + 50 + 91 + 141 + 232$
$554 := 3^0 + 5^1 + 6^0 + 18^1 + 23^2$	$= 30 + 51 + 60 + 181 + 232$		
$554 := 3^0 + 6^0 + 10^1 + 13^1 + 23^2$	$= 30 + 60 + 101 + 131 + 232$		

2.2.456 Number 555

$555 := 1^1 + 5^0 + 8^3 + 41^1$	$= 11 + 50 + 83 + 411$	$555 := 5^0 + 7^1 + 8^3 + 35^1$	$= 50 + 71 + 83 + 351$
$555 := 1^2 + 7^0 + 23^2 + 24^1$	$= 12 + 70 + 232 + 241$	$555 := 5^0 + 7^2 + 21^1 + 22^2$	$= 50 + 72 + 211 + 222$
$555 := 1^5 + 2^9 + 10^0 + 41^1$	$= 15 + 29 + 100 + 411$	$555 := 5^0 + 8^1 + 8^3 + 34^1$	$= 50 + 81 + 83 + 341$
$555 := 10^1 + 12^2 + 13^0 + 20^2$	$= 101 + 122 + 130 + 202$	$555 := 5^0 + 8^3 + 10^1 + 32^1$	$= 50 + 83 + 101 + 321$
$555 := 10^2 + 11^0 + 13^1 + 21^2$	$= 102 + 110 + 131 + 212$	$555 := 5^0 + 8^3 + 11^1 + 31^1$	$= 50 + 83 + 111 + 311$
$555 := 2^1 + 5^0 + 8^3 + 40^1$	$= 21 + 50 + 83 + 401$	$555 := 5^0 + 8^3 + 12^1 + 30^1$	$= 50 + 83 + 121 + 301$
$555 := 2^2 + 9^0 + 21^1 + 23^2$	$= 22 + 90 + 211 + 232$	$555 := 5^0 + 8^3 + 13^1 + 29^1$	$= 50 + 83 + 131 + 291$
$555 := 2^5 + 2^9 + 10^1 + 40^0$	$= 25 + 29 + 101 + 400$	$555 := 5^0 + 8^3 + 14^1 + 28^1$	$= 50 + 83 + 141 + 281$
$555 := 3^1 + 5^0 + 8^3 + 39^1$	$= 31 + 50 + 83 + 391$	$555 := 5^0 + 8^3 + 15^1 + 27^1$	$= 50 + 83 + 151 + 271$
$555 := 3^2 + 13^0 + 16^1 + 23^2$	$= 32 + 130 + 161 + 232$	$555 := 5^0 + 8^3 + 16^1 + 26^1$	$= 50 + 83 + 161 + 261$
$555 := 4^1 + 5^0 + 8^3 + 38^1$	$= 41 + 50 + 83 + 381$	$555 := 5^0 + 8^3 + 17^1 + 25^1$	$= 50 + 83 + 171 + 251$
$555 := 4^2 + 9^1 + 19^0 + 23^2$	$= 42 + 91 + 190 + 232$	$555 := 5^0 + 8^3 + 18^1 + 24^1$	$= 50 + 83 + 181 + 241$
$555 := 5^0 + 5^1 + 8^3 + 37^1$	$= 50 + 51 + 83 + 371$	$555 := 5^0 + 8^3 + 19^1 + 23^1$	$= 50 + 83 + 191 + 231$
$555 := 5^0 + 6^1 + 8^3 + 36^1$	$= 50 + 61 + 83 + 361$	$555 := 5^0 + 8^3 + 20^1 + 22^1$	$= 50 + 83 + 201 + 221$

$$\begin{aligned}
 555 &:= 5^0 + 8^3 + 21^1 + 21^1 &= 50 + 83 + 211 + 211 & 555 &:= 1^3 + 1^9 + 6^0 + 23^1 + 23^2 &= 13 + 19 + 60 + 231 + 232 \\
 555 &:= 5^0 + 8^3 + 9^1 + 33^1 &= 50 + 83 + 91 + 331 & 555 &:= 1^3 + 2^9 + 4^2 + 22^0 + 25^1 &= 13 + 29 + 42 + 220 + 251 \\
 555 &:= 5^1 + 15^2 + 17^0 + 18^2 &= 51 + 152 + 170 + 182 & 555 &:= 1^4 + 1^8 + 6^0 + 23^1 + 23^2 &= 14 + 18 + 60 + 231 + 232 \\
 555 &:= 6^1 + 8^2 + 19^0 + 22^2 &= 61 + 82 + 190 + 222 & 555 &:= 1^4 + 2^7 + 13^2 + 16^2 + 22^0 &= 14 + 27 + 132 + 162 + 220 \\
 555 &:= 9^1 + 13^0 + 16^2 + 17^2 &= 91 + 130 + 162 + 172 & 555 &:= 1^4 + 2^7 + 5^2 + 20^2 + 26^0 &= 14 + 27 + 52 + 202 + 260 \\
 555 &:= 1^0 + 1^2 + 7^0 + 23^1 + 23^2 &= 10 + 12 + 70 + 231 + 232 & 555 &:= 1^4 + 2^7 + 8^2 + 19^2 + 24^0 &= 14 + 27 + 82 + 192 + 240 \\
 555 &:= 1^0 + 10^2 + 11^0 + 12^1 + 21^2 &= 10 + 102 + 110 + 121 + 212 & 555 &:= 1^4 + 2^8 + 8^1 + 17^2 + 26^0 &= 14 + 28 + 81 + 172 + 260 \\
 555 &:= 1^0 + 2^2 + 9^0 + 20^1 + 23^2 &= 10 + 22 + 90 + 201 + 232 & 555 &:= 1^4 + 2^9 + 10^0 + 14^1 + 27^1 &= 14 + 29 + 100 + 141 + 271 \\
 555 &:= 1^0 + 3^2 + 13^0 + 15^1 + 23^2 &= 10 + 32 + 130 + 151 + 232 & 555 &:= 1^4 + 2^9 + 10^0 + 15^1 + 26^1 &= 14 + 29 + 100 + 151 + 261 \\
 555 &:= 1^0 + 4^1 + 15^2 + 17^0 + 18^2 &= 10 + 41 + 152 + 170 + 182 & 555 &:= 1^4 + 2^9 + 10^0 + 16^1 + 25^1 &= 14 + 29 + 100 + 161 + 251 \\
 555 &:= 1^0 + 4^2 + 8^1 + 19^0 + 23^2 &= 10 + 42 + 81 + 190 + 232 & 555 &:= 1^4 + 2^9 + 10^0 + 17^1 + 24^1 &= 14 + 29 + 100 + 171 + 241 \\
 555 &:= 1^0 + 5^0 + 7^2 + 20^1 + 22^2 &= 10 + 50 + 72 + 201 + 222 & 555 &:= 1^4 + 2^9 + 10^0 + 18^1 + 23^1 &= 14 + 29 + 100 + 181 + 231 \\
 555 &:= 1^0 + 5^0 + 8^3 + 14^1 + 27^1 &= 10 + 50 + 83 + 141 + 271 & 555 &:= 1^4 + 2^9 + 10^0 + 19^1 + 22^1 &= 14 + 29 + 100 + 191 + 221 \\
 555 &:= 1^0 + 5^0 + 8^3 + 15^1 + 26^1 &= 10 + 50 + 83 + 151 + 261 & 555 &:= 1^4 + 2^9 + 10^0 + 20^1 + 21^1 &= 14 + 29 + 100 + 201 + 211 \\
 555 &:= 1^0 + 5^0 + 8^3 + 16^1 + 25^1 &= 10 + 50 + 83 + 161 + 251 & 555 &:= 1^5 + 1^7 + 6^0 + 23^1 + 23^2 &= 15 + 17 + 60 + 231 + 232 \\
 555 &:= 1^0 + 5^0 + 8^3 + 17^1 + 24^1 &= 10 + 50 + 83 + 171 + 241 & 555 &:= 1^5 + 2^7 + 6^0 + 20^2 + 25^1 &= 15 + 27 + 60 + 202 + 251 \\
 555 &:= 1^0 + 5^0 + 8^3 + 18^1 + 23^1 &= 10 + 50 + 83 + 181 + 231 & 555 &:= 1^6 + 1^6 + 6^0 + 23^1 + 23^2 &= 16 + 16 + 60 + 231 + 232 \\
 555 &:= 1^0 + 5^0 + 8^3 + 19^1 + 22^1 &= 10 + 50 + 83 + 191 + 221 & 555 &:= 1^6 + 2^3 + 2^4 + 23^2 + 26^0 &= 16 + 23 + 24 + 232 + 260 \\
 555 &:= 1^0 + 5^0 + 8^3 + 20^1 + 21^1 &= 10 + 50 + 83 + 201 + 211 & 555 &:= 1^6 + 2^5 + 11^2 + 20^0 + 20^2 &= 16 + 25 + 112 + 200 + 202 \\
 555 &:= 1^0 + 5^1 + 8^2 + 19^0 + 22^2 &= 10 + 51 + 82 + 190 + 222 & 555 &:= 1^6 + 2^6 + 5^1 + 22^2 + 24^0 &= 16 + 26 + 51 + 222 + 240 \\
 555 &:= 1^0 + 8^1 + 13^0 + 16^2 + 17^2 &= 10 + 81 + 130 + 162 + 172 & 555 &:= 1^7 + 2^4 + 8^3 + 18^0 + 25^1 &= 17 + 24 + 83 + 180 + 251 \\
 555 &:= 1^0 + 9^1 + 12^2 + 13^0 + 20^2 &= 10 + 91 + 122 + 130 + 202 & 555 &:= 1^7 + 3^5 + 12^0 + 17^2 + 21^1 &= 17 + 35 + 120 + 172 + 211 \\
 555 &:= 1^1 + 1^1 + 7^0 + 23^1 + 23^2 &= 11 + 11 + 70 + 231 + 232 & 555 &:= 1^8 + 2^3 + 16^2 + 17^2 + 18^0 &= 18 + 23 + 162 + 172 + 180 \\
 555 &:= 1^1 + 2^1 + 7^0 + 22^1 + 23^2 &= 11 + 21 + 70 + 221 + 232 & 555 &:= 1^8 + 2^3 + 4^2 + 23^2 + 24^0 &= 18 + 23 + 42 + 232 + 240 \\
 555 &:= 1^1 + 2^4 + 2^9 + 24^0 + 25^1 &= 11 + 24 + 29 + 240 + 251 & 555 &:= 1^8 + 2^4 + 8^1 + 20^0 + 23^2 &= 18 + 24 + 81 + 200 + 232 \\
 555 &:= 1^1 + 3^1 + 7^0 + 21^1 + 23^2 &= 11 + 31 + 70 + 211 + 232 & 555 &:= 1^8 + 4^4 + 8^1 + 17^2 + 24^0 &= 18 + 44 + 81 + 172 + 240 \\
 555 &:= 1^1 + 4^1 + 7^0 + 20^1 + 23^2 &= 11 + 41 + 70 + 201 + 232 & 555 &:= 1^8 + 6^3 + 9^2 + 16^2 + 22^0 &= 18 + 63 + 92 + 162 + 220 \\
 555 &:= 1^1 + 5^1 + 7^0 + 19^1 + 23^2 &= 11 + 51 + 70 + 191 + 232 & 555 &:= 1^9 + 2^2 + 15^2 + 18^0 + 18^2 &= 19 + 22 + 152 + 180 + 182 \\
 555 &:= 1^1 + 6^1 + 7^0 + 18^1 + 23^2 &= 11 + 61 + 70 + 181 + 232 & 555 &:= 1^9 + 2^3 + 12^0 + 16^1 + 23^2 &= 19 + 23 + 120 + 161 + 232 \\
 555 &:= 1^1 + 7^0 + 10^1 + 14^1 + 23^2 &= 11 + 70 + 101 + 141 + 232 & 555 &:= 1^9 + 3^2 + 12^2 + 18^0 + 20^2 &= 19 + 32 + 122 + 180 + 202 \\
 555 &:= 1^1 + 7^0 + 11^1 + 13^1 + 23^2 &= 11 + 70 + 111 + 131 + 232 & 555 &:= 1^9 + 4^2 + 8^3 + 16^0 + 25^1 &= 19 + 42 + 83 + 160 + 251 \\
 555 &:= 1^1 + 7^0 + 12^1 + 12^1 + 23^2 &= 11 + 70 + 121 + 121 + 232 & 555 &:= 1^9 + 4^3 + 5^1 + 22^0 + 22^2 &= 19 + 43 + 51 + 220 + 222 \\
 555 &:= 1^1 + 7^0 + 7^1 + 17^1 + 23^2 &= 11 + 70 + 71 + 171 + 232 & 555 &:= 1^9 + 5^2 + 8^3 + 16^1 + 24^0 &= 19 + 52 + 83 + 161 + 240 \\
 555 &:= 1^1 + 7^0 + 8^1 + 16^1 + 23^2 &= 11 + 70 + 81 + 161 + 232 & 555 &:= 1^9 + 6^3 + 13^1 + 16^0 + 18^2 &= 19 + 63 + 131 + 160 + 182 \\
 555 &:= 1^1 + 7^0 + 9^1 + 15^1 + 23^2 &= 11 + 70 + 91 + 151 + 232 & 555 &:= 1^9 + 7^3 + 14^1 + 14^2 + 18^0 &= 19 + 73 + 141 + 142 + 180 \\
 555 &:= 1^2 + 2^0 + 6^0 + 23^1 + 23^2 &= 12 + 20 + 60 + 231 + 232 & 555 &:= 2^0 + 10^0 + 10^2 + 12^1 + 21^2 &= 20 + 100 + 102 + 121 + 212 \\
 555 &:= 1^2 + 3^0 + 5^0 + 23^1 + 23^2 &= 12 + 30 + 50 + 231 + 232 & 555 &:= 2^0 + 2^2 + 8^0 + 20^1 + 23^2 &= 20 + 22 + 80 + 201 + 232 \\
 555 &:= 1^2 + 4^0 + 4^0 + 23^1 + 23^2 &= 12 + 40 + 40 + 231 + 232 & 555 &:= 2^0 + 3^2 + 12^0 + 15^1 + 23^2 &= 20 + 32 + 120 + 151 + 232
 \end{aligned}$$

$$\begin{aligned} 555 &:= 2^0 + 4^0 + 7^2 + 20^1 + 22^2 = 20 + 40 + 72 + 201 + 222 & 555 &:= 2^4 + 2^9 + 5^1 + 21^1 + 24^0 = 24 + 29 + 51 + 211 + 240 \\ 555 &:= 2^0 + 4^0 + 8^3 + 14^1 + 27^1 = 20 + 40 + 83 + 141 + 271 & 555 &:= 2^4 + 2^9 + 5^2 + 18^0 + 27^0 = 24 + 29 + 52 + 180 + 270 \\ 555 &:= 2^0 + 4^0 + 8^3 + 15^1 + 26^1 = 20 + 40 + 83 + 151 + 261 & 555 &:= 2^4 + 2^9 + 5^2 + 19^0 + 26^0 = 24 + 29 + 52 + 190 + 260 \\ 555 &:= 2^0 + 4^0 + 8^3 + 16^1 + 25^1 = 20 + 40 + 83 + 161 + 251 & 555 &:= 2^4 + 2^9 + 5^2 + 20^0 + 25^0 = 24 + 29 + 52 + 200 + 250 \\ 555 &:= 2^0 + 4^0 + 8^3 + 17^1 + 24^1 = 20 + 40 + 83 + 171 + 241 & 555 &:= 2^4 + 2^9 + 5^2 + 21^0 + 24^0 = 24 + 29 + 52 + 210 + 240 \\ 555 &:= 2^0 + 4^0 + 8^3 + 18^1 + 23^1 = 20 + 40 + 83 + 181 + 231 & 555 &:= 2^4 + 2^9 + 5^2 + 22^0 + 23^0 = 24 + 29 + 52 + 220 + 230 \\ 555 &:= 2^0 + 4^0 + 8^3 + 19^1 + 22^1 = 20 + 40 + 83 + 191 + 221 & 555 &:= 2^4 + 2^9 + 6^1 + 20^1 + 24^0 = 24 + 29 + 61 + 201 + 240 \\ 555 &:= 2^0 + 4^0 + 8^3 + 20^1 + 21^1 = 20 + 40 + 83 + 201 + 211 & 555 &:= 2^4 + 2^9 + 7^1 + 19^1 + 24^0 = 24 + 29 + 71 + 191 + 240 \\ 555 &:= 2^0 + 4^1 + 15^2 + 16^0 + 18^2 = 20 + 41 + 152 + 160 + 182 & 555 &:= 2^4 + 2^9 + 8^1 + 18^1 + 24^0 = 24 + 29 + 81 + 181 + 240 \\ 555 &:= 2^0 + 4^2 + 8^1 + 18^0 + 23^2 = 20 + 42 + 81 + 180 + 232 & 555 &:= 2^4 + 2^9 + 9^1 + 17^1 + 24^0 = 24 + 29 + 91 + 171 + 240 \\ 555 &:= 2^0 + 5^1 + 8^2 + 18^0 + 22^2 = 20 + 51 + 82 + 180 + 222 & 555 &:= 2^5 + 2^6 + 13^2 + 17^2 + 20^0 = 25 + 26 + 132 + 172 + 200 \\ 555 &:= 2^0 + 8^1 + 12^0 + 16^2 + 17^2 = 20 + 81 + 120 + 162 + 172 & 555 &:= 2^5 + 2^9 + 9^1 + 14^0 + 27^0 = 25 + 29 + 91 + 140 + 270 \\ 555 &:= 2^0 + 9^1 + 12^0 + 12^2 + 20^2 = 20 + 91 + 120 + 122 + 202 & 555 &:= 2^5 + 2^9 + 9^1 + 15^0 + 26^0 = 25 + 29 + 91 + 150 + 260 \\ 555 &:= 2^1 + 2^1 + 7^0 + 21^1 + 23^2 = 21 + 21 + 70 + 211 + 232 & 555 &:= 2^5 + 2^9 + 9^1 + 16^0 + 25^0 = 25 + 29 + 91 + 160 + 250 \\ 555 &:= 2^1 + 2^4 + 2^9 + 24^0 + 24^1 = 21 + 24 + 29 + 240 + 241 & 555 &:= 2^5 + 2^9 + 9^1 + 17^0 + 24^0 = 25 + 29 + 91 + 170 + 240 \\ 555 &:= 2^1 + 3^1 + 7^0 + 20^1 + 23^2 = 21 + 31 + 70 + 201 + 232 & 555 &:= 2^5 + 2^9 + 9^1 + 18^0 + 23^0 = 25 + 29 + 91 + 180 + 230 \\ 555 &:= 2^1 + 4^1 + 7^0 + 19^1 + 23^2 = 21 + 41 + 70 + 191 + 232 & 555 &:= 2^5 + 2^9 + 9^1 + 19^0 + 22^0 = 25 + 29 + 91 + 190 + 220 \\ 555 &:= 2^1 + 5^1 + 7^0 + 18^1 + 23^2 = 21 + 51 + 70 + 181 + 232 & 555 &:= 2^5 + 2^9 + 9^1 + 20^0 + 21^0 = 25 + 29 + 91 + 200 + 210 \\ 555 &:= 2^1 + 6^1 + 7^0 + 17^1 + 23^2 = 21 + 61 + 70 + 171 + 232 & 555 &:= 2^5 + 3^5 + 4^4 + 22^0 + 23^1 = 25 + 35 + 44 + 220 + 231 \\ 555 &:= 2^1 + 7^0 + 10^1 + 13^1 + 23^2 = 21 + 70 + 101 + 131 + 232 & 555 &:= 2^6 + 2^6 + 4^0 + 20^2 + 26^1 = 26 + 26 + 40 + 202 + 261 \\ 555 &:= 2^1 + 7^0 + 11^1 + 12^1 + 23^2 = 21 + 70 + 111 + 121 + 232 & 555 &:= 2^6 + 2^7 + 10^0 + 19^2 + 21^0 = 26 + 27 + 100 + 192 + 210 \\ 555 &:= 2^1 + 7^0 + 7^1 + 16^1 + 23^2 = 21 + 70 + 71 + 161 + 232 & 555 &:= 2^6 + 2^7 + 11^0 + 19^2 + 20^0 = 26 + 27 + 110 + 192 + 200 \\ 555 &:= 2^1 + 7^0 + 8^1 + 15^1 + 23^2 = 21 + 70 + 81 + 151 + 232 & 555 &:= 2^6 + 2^7 + 12^0 + 19^0 + 19^2 = 26 + 27 + 120 + 190 + 192 \\ 555 &:= 2^1 + 7^0 + 9^1 + 14^1 + 23^2 = 21 + 70 + 91 + 141 + 232 & 555 &:= 2^6 + 2^7 + 13^0 + 18^0 + 19^2 = 26 + 27 + 130 + 180 + 192 \\ 555 &:= 2^2 + 3^0 + 7^0 + 20^1 + 23^2 = 22 + 30 + 70 + 201 + 232 & 555 &:= 2^6 + 2^7 + 14^0 + 17^0 + 19^2 = 26 + 27 + 140 + 170 + 192 \\ 555 &:= 2^2 + 4^0 + 6^0 + 20^1 + 23^2 = 22 + 40 + 60 + 201 + 232 & 555 &:= 2^6 + 2^7 + 15^0 + 16^0 + 19^2 = 26 + 27 + 150 + 160 + 192 \\ 555 &:= 2^2 + 5^0 + 5^0 + 20^1 + 23^2 = 22 + 50 + 50 + 201 + 232 & 555 &:= 2^6 + 2^7 + 4^0 + 19^2 + 27^0 = 26 + 27 + 40 + 192 + 270 \\ 555 &:= 2^3 + 2^8 + 11^2 + 13^2 + 26^0 = 23 + 28 + 112 + 132 + 260 & 555 &:= 2^6 + 2^7 + 5^0 + 19^2 + 26^0 = 26 + 27 + 50 + 192 + 260 \\ 555 &:= 2^3 + 2^9 + 3^2 + 22^0 + 25^1 = 23 + 29 + 32 + 220 + 251 & 555 &:= 2^6 + 2^7 + 6^0 + 19^2 + 25^0 = 26 + 27 + 60 + 192 + 250 \\ 555 &:= 2^4 + 2^7 + 11^2 + 17^2 + 22^0 = 24 + 27 + 112 + 172 + 220 & 555 &:= 2^6 + 2^7 + 7^0 + 19^2 + 24^0 = 26 + 27 + 70 + 192 + 240 \\ 555 &:= 2^4 + 2^7 + 7^2 + 19^2 + 24^0 = 24 + 27 + 72 + 192 + 240 & 555 &:= 2^6 + 2^7 + 8^0 + 19^2 + 23^0 = 26 + 27 + 80 + 192 + 230 \\ 555 &:= 2^4 + 2^8 + 8^0 + 16^2 + 26^1 = 24 + 28 + 80 + 162 + 261 & 555 &:= 2^6 + 2^7 + 9^0 + 19^2 + 22^0 = 26 + 27 + 90 + 192 + 220 \\ 555 &:= 2^4 + 2^9 + 10^1 + 16^1 + 24^0 = 24 + 29 + 101 + 161 + 240 & 555 &:= 2^7 + 3^5 + 13^2 + 14^1 + 22^0 = 27 + 35 + 132 + 141 + 220 \\ 555 &:= 2^4 + 2^9 + 11^1 + 15^1 + 24^0 = 24 + 29 + 111 + 151 + 240 & 555 &:= 2^8 + 3^4 + 14^0 + 14^2 + 21^1 = 28 + 34 + 140 + 142 + 211 \\ 555 &:= 2^4 + 2^9 + 12^1 + 14^1 + 24^0 = 24 + 29 + 121 + 141 + 240 & 555 &:= 2^8 + 3^4 + 6^3 + 16^0 + 27^0 = 28 + 34 + 63 + 160 + 270 \\ 555 &:= 2^4 + 2^9 + 13^1 + 13^1 + 24^0 = 24 + 29 + 131 + 131 + 240 & 555 &:= 2^8 + 3^4 + 6^3 + 17^0 + 26^0 = 28 + 34 + 63 + 170 + 260 \\ 555 &:= 2^4 + 2^9 + 3^1 + 23^1 + 24^0 = 24 + 29 + 31 + 231 + 240 & 555 &:= 2^8 + 3^4 + 6^3 + 18^0 + 25^0 = 28 + 34 + 63 + 180 + 250 \\ 555 &:= 2^4 + 2^9 + 4^1 + 22^1 + 24^0 = 24 + 29 + 41 + 221 + 240 & 555 &:= 2^8 + 3^4 + 6^3 + 19^0 + 24^0 = 28 + 34 + 63 + 190 + 240 \end{aligned}$$

$$\begin{aligned} 555 &:= 2^8 + 3^4 + 6^3 + 20^0 + 23^0 = 28 + 34 + 63 + 200 + 230 & 555 &:= 4^0 + 9^1 + 10^0 + 12^2 + 20^2 = 40 + 91 + 100 + 122 + 202 \\ 555 &:= 2^8 + 3^4 + 6^3 + 21^0 + 22^0 = 28 + 34 + 63 + 210 + 220 & 555 &:= 4^1 + 4^1 + 7^0 + 17^1 + 23^2 = 41 + 41 + 70 + 171 + 232 \\ 555 &:= 2^8 + 4^2 + 4^4 + 18^0 + 26^1 = 28 + 42 + 44 + 180 + 261 & 555 &:= 4^1 + 5^0 + 13^0 + 15^2 + 18^2 = 41 + 50 + 130 + 152 + 182 \\ 555 &:= 2^8 + 4^3 + 6^3 + 18^1 + 24^0 = 28 + 43 + 63 + 181 + 240 & 555 &:= 4^1 + 5^1 + 7^0 + 16^1 + 23^2 = 41 + 51 + 70 + 161 + 232 \\ 555 &:= 2^8 + 4^4 + 5^2 + 17^1 + 26^0 = 28 + 44 + 52 + 171 + 260 & 555 &:= 4^1 + 6^0 + 12^0 + 15^2 + 18^2 = 41 + 60 + 120 + 152 + 182 \\ 555 &:= 3^0 + 3^0 + 7^2 + 20^1 + 22^2 = 30 + 30 + 72 + 201 + 222 & 555 &:= 4^1 + 6^1 + 7^0 + 15^1 + 23^2 = 41 + 61 + 70 + 151 + 232 \\ 555 &:= 3^0 + 3^0 + 8^3 + 14^1 + 27^1 = 30 + 30 + 83 + 141 + 271 & 555 &:= 4^1 + 7^0 + 10^1 + 11^1 + 23^2 = 41 + 70 + 101 + 111 + 232 \\ 555 &:= 3^0 + 3^0 + 8^3 + 15^1 + 26^1 = 30 + 30 + 83 + 151 + 261 & 555 &:= 4^1 + 7^0 + 11^0 + 15^2 + 18^2 = 41 + 70 + 110 + 152 + 182 \\ 555 &:= 3^0 + 3^0 + 8^3 + 16^1 + 25^1 = 30 + 30 + 83 + 161 + 251 & 555 &:= 4^1 + 7^0 + 7^1 + 14^1 + 23^2 = 41 + 70 + 71 + 141 + 232 \\ 555 &:= 3^0 + 3^0 + 8^3 + 17^1 + 24^1 = 30 + 30 + 83 + 171 + 241 & 555 &:= 4^1 + 7^0 + 8^1 + 13^1 + 23^2 = 41 + 70 + 81 + 131 + 232 \\ 555 &:= 3^0 + 3^0 + 8^3 + 18^1 + 23^1 = 30 + 30 + 83 + 181 + 231 & 555 &:= 4^1 + 7^0 + 9^1 + 12^1 + 23^2 = 41 + 70 + 91 + 121 + 232 \\ 555 &:= 3^0 + 3^0 + 8^3 + 19^1 + 22^1 = 30 + 30 + 83 + 191 + 221 & 555 &:= 4^1 + 8^0 + 10^0 + 15^2 + 18^2 = 41 + 80 + 100 + 152 + 182 \\ 555 &:= 3^0 + 3^0 + 8^3 + 20^1 + 21^1 = 30 + 30 + 83 + 201 + 211 & 555 &:= 4^1 + 9^0 + 9^0 + 15^2 + 18^2 = 41 + 90 + 90 + 152 + 182 \\ 555 &:= 3^0 + 3^2 + 11^0 + 15^1 + 23^2 = 30 + 32 + 110 + 151 + 232 & 555 &:= 4^2 + 5^0 + 8^1 + 15^0 + 23^2 = 42 + 50 + 81 + 150 + 232 \\ 555 &:= 3^0 + 4^1 + 15^0 + 15^2 + 18^2 = 30 + 41 + 150 + 152 + 182 & 555 &:= 4^2 + 6^0 + 8^1 + 14^0 + 23^2 = 42 + 60 + 81 + 140 + 232 \\ 555 &:= 3^0 + 4^2 + 8^1 + 17^0 + 23^2 = 30 + 42 + 81 + 170 + 232 & 555 &:= 4^2 + 7^0 + 8^1 + 13^0 + 23^2 = 42 + 70 + 81 + 130 + 232 \\ 555 &:= 3^0 + 5^1 + 8^2 + 17^0 + 22^2 = 30 + 51 + 82 + 170 + 222 & 555 &:= 4^2 + 8^0 + 8^1 + 12^0 + 23^2 = 42 + 80 + 81 + 120 + 232 \\ 555 &:= 3^0 + 8^1 + 11^0 + 16^2 + 17^2 = 30 + 81 + 110 + 162 + 172 & 555 &:= 4^2 + 8^1 + 10^0 + 10^0 + 23^2 = 42 + 81 + 100 + 100 + 232 \\ 555 &:= 3^0 + 9^0 + 10^2 + 12^1 + 21^2 = 30 + 90 + 102 + 121 + 212 & 555 &:= 4^2 + 8^1 + 9^0 + 11^0 + 23^2 = 42 + 81 + 90 + 110 + 232 \\ 555 &:= 3^0 + 9^1 + 11^0 + 12^2 + 20^2 = 30 + 91 + 110 + 122 + 202 & 555 &:= 5^0 + 5^1 + 8^2 + 15^0 + 22^2 = 50 + 51 + 82 + 150 + 222 \\ 555 &:= 3^1 + 3^1 + 7^0 + 19^1 + 23^2 = 31 + 31 + 70 + 191 + 232 & 555 &:= 5^0 + 7^0 + 10^2 + 12^1 + 21^2 = 50 + 70 + 102 + 121 + 212 \\ 555 &:= 3^1 + 4^1 + 7^0 + 18^1 + 23^2 = 31 + 41 + 70 + 181 + 232 & 555 &:= 5^0 + 8^1 + 9^0 + 16^2 + 17^2 = 50 + 81 + 90 + 162 + 172 \\ 555 &:= 3^1 + 5^1 + 7^0 + 17^1 + 23^2 = 31 + 51 + 70 + 171 + 232 & 555 &:= 5^0 + 9^0 + 9^1 + 12^2 + 20^2 = 50 + 90 + 91 + 122 + 202 \\ 555 &:= 3^1 + 6^1 + 7^0 + 16^1 + 23^2 = 31 + 61 + 70 + 161 + 232 & 555 &:= 5^1 + 5^1 + 7^0 + 15^1 + 23^2 = 51 + 51 + 70 + 151 + 232 \\ 555 &:= 3^1 + 7^0 + 10^1 + 12^1 + 23^2 = 31 + 70 + 101 + 121 + 232 & 555 &:= 5^1 + 6^0 + 8^2 + 14^0 + 22^2 = 51 + 60 + 82 + 140 + 222 \\ 555 &:= 3^1 + 7^0 + 11^1 + 11^1 + 23^2 = 31 + 70 + 111 + 111 + 232 & 555 &:= 5^1 + 6^1 + 7^0 + 14^1 + 23^2 = 51 + 61 + 70 + 141 + 232 \\ 555 &:= 3^1 + 7^0 + 7^1 + 15^1 + 23^2 = 31 + 70 + 71 + 151 + 232 & 555 &:= 5^1 + 7^0 + 10^1 + 10^1 + 23^2 = 51 + 70 + 101 + 101 + 232 \\ 555 &:= 3^1 + 7^0 + 8^1 + 14^1 + 23^2 = 31 + 70 + 81 + 141 + 232 & 555 &:= 5^1 + 7^0 + 7^1 + 13^1 + 23^2 = 51 + 70 + 71 + 131 + 232 \\ 555 &:= 3^1 + 7^0 + 9^1 + 13^1 + 23^2 = 31 + 70 + 91 + 131 + 232 & 555 &:= 5^1 + 7^0 + 8^1 + 12^1 + 23^2 = 51 + 70 + 81 + 121 + 232 \\ 555 &:= 3^2 + 4^0 + 10^0 + 15^1 + 23^2 = 32 + 40 + 100 + 151 + 232 & 555 &:= 5^1 + 7^0 + 8^2 + 13^0 + 22^2 = 51 + 70 + 82 + 130 + 222 \\ 555 &:= 3^2 + 5^0 + 9^0 + 15^1 + 23^2 = 32 + 50 + 90 + 151 + 232 & 555 &:= 5^1 + 7^0 + 9^1 + 11^1 + 23^2 = 51 + 70 + 91 + 111 + 232 \\ 555 &:= 3^2 + 6^0 + 8^0 + 15^1 + 23^2 = 32 + 60 + 80 + 151 + 232 & 555 &:= 5^1 + 8^0 + 8^2 + 12^0 + 22^2 = 51 + 80 + 82 + 120 + 222 \\ 555 &:= 3^2 + 7^0 + 7^0 + 15^1 + 23^2 = 32 + 70 + 70 + 151 + 232 & 555 &:= 5^1 + 8^2 + 10^0 + 10^0 + 22^2 = 51 + 82 + 100 + 100 + 222 \\ 555 &:= 4^0 + 4^1 + 14^0 + 15^2 + 18^2 = 40 + 41 + 140 + 152 + 182 & 555 &:= 5^1 + 8^2 + 9^0 + 11^0 + 22^2 = 51 + 82 + 90 + 110 + 222 \\ 555 &:= 4^0 + 4^2 + 8^1 + 16^0 + 23^2 = 40 + 42 + 81 + 160 + 232 & 555 &:= 6^0 + 6^0 + 10^2 + 12^1 + 21^2 = 60 + 60 + 102 + 121 + 212 \\ 555 &:= 4^0 + 5^1 + 8^2 + 16^0 + 22^2 = 40 + 51 + 82 + 160 + 222 & 555 &:= 6^0 + 8^0 + 8^1 + 16^2 + 17^2 = 60 + 80 + 81 + 162 + 172 \\ 555 &:= 4^0 + 8^0 + 10^2 + 12^1 + 21^2 = 40 + 80 + 102 + 121 + 212 & 555 &:= 6^0 + 8^0 + 9^1 + 12^2 + 20^2 = 60 + 80 + 91 + 122 + 202 \\ 555 &:= 4^0 + 8^1 + 10^0 + 16^2 + 17^2 = 40 + 81 + 100 + 162 + 172 & 555 &:= 6^1 + 6^1 + 7^0 + 13^1 + 23^2 = 61 + 61 + 70 + 131 + 232 \end{aligned}$$

$$\begin{aligned}
 555 &:= 6^1 + 7^0 + 7^1 + 12^1 + 23^2 = 61 + 70 + 71 + 121 + 232 \\
 555 &:= 6^1 + 7^0 + 8^1 + 11^1 + 23^2 = 61 + 70 + 81 + 111 + 232 \\
 555 &:= 6^1 + 7^0 + 9^1 + 10^1 + 23^2 = 61 + 70 + 91 + 101 + 232 \\
 555 &:= 7^0 + 7^0 + 8^1 + 16^2 + 17^2 = 70 + 70 + 81 + 162 + 172 \\
 555 &:= 7^0 + 7^0 + 9^1 + 12^2 + 20^2 = 70 + 70 + 91 + 122 + 202
 \end{aligned}$$

$$\begin{aligned}
 555 &:= 7^0 + 7^1 + 7^1 + 11^1 + 23^2 = 70 + 71 + 71 + 111 + 232 \\
 555 &:= 7^0 + 7^1 + 8^1 + 10^1 + 23^2 = 70 + 71 + 81 + 101 + 232 \\
 555 &:= 7^0 + 7^1 + 9^1 + 9^1 + 23^2 = 70 + 71 + 91 + 91 + 232 \\
 555 &:= 7^0 + 8^1 + 8^1 + 9^1 + 23^2 = 70 + 81 + 81 + 91 + 232
 \end{aligned}$$

2.2.457 Number 556

$$\begin{aligned}
 556 &:= 1^2 + 4^0 + 8^3 + 42^1 = 12 + 40 + 83 + 421 \\
 556 &:= 1^2 + 5^2 + 23^2 + 26^0 = 12 + 52 + 232 + 260 \\
 556 &:= 1^3 + 6^0 + 23^2 + 25^1 = 13 + 60 + 232 + 251 \\
 556 &:= 1^6 + 2^9 + 9^0 + 42^1 = 16 + 29 + 90 + 421 \\
 556 &:= 2^2 + 6^0 + 8^3 + 39^1 = 22 + 60 + 83 + 391 \\
 556 &:= 2^3 + 12^0 + 18^1 + 23^2 = 23 + 120 + 181 + 232 \\
 556 &:= 2^4 + 2^9 + 3^3 + 47^0 = 24 + 29 + 33 + 470 \\
 556 &:= 3^2 + 8^3 + 10^0 + 34^1 = 32 + 83 + 100 + 341 \\
 556 &:= 4^2 + 8^3 + 16^0 + 27^1 = 42 + 83 + 160 + 271 \\
 556 &:= 4^3 + 7^1 + 22^0 + 22^2 = 43 + 71 + 220 + 222 \\
 556 &:= 5^2 + 13^2 + 18^0 + 19^2 = 52 + 132 + 180 + 192 \\
 556 &:= 5^2 + 8^3 + 18^1 + 24^0 = 52 + 83 + 181 + 240 \\
 556 &:= 6^2 + 7^1 + 8^3 + 34^0 = 62 + 71 + 83 + 340 \\
 556 &:= 6^3 + 15^1 + 16^0 + 18^2 = 63 + 151 + 160 + 182 \\
 556 &:= 7^3 + 14^2 + 16^1 + 18^0 = 73 + 142 + 161 + 180 \\
 556 &:= 1^0 + 1^3 + 6^0 + 23^2 + 24^1 = 10 + 13 + 60 + 232 + 241 \\
 556 &:= 1^0 + 11^2 + 12^2 + 14^0 + 17^2 = 10 + 112 + 122 + 140 + 172 \\
 556 &:= 1^0 + 2^3 + 12^0 + 17^1 + 23^2 = 10 + 23 + 120 + 171 + 232 \\
 556 &:= 1^0 + 3^2 + 16^2 + 17^2 + 18^0 = 10 + 32 + 162 + 172 + 180 \\
 556 &:= 1^0 + 3^2 + 4^2 + 23^2 + 24^0 = 10 + 32 + 42 + 232 + 240 \\
 556 &:= 1^0 + 4^2 + 8^3 + 16^0 + 26^1 = 10 + 42 + 83 + 160 + 261 \\
 556 &:= 1^0 + 4^3 + 6^1 + 22^0 + 22^2 = 10 + 43 + 61 + 220 + 222 \\
 556 &:= 1^0 + 5^2 + 8^3 + 17^1 + 24^0 = 10 + 52 + 83 + 171 + 240 \\
 556 &:= 1^0 + 6^3 + 14^1 + 16^0 + 18^2 = 10 + 63 + 141 + 160 + 182 \\
 556 &:= 1^0 + 7^2 + 12^2 + 16^0 + 19^2 = 10 + 72 + 122 + 160 + 192 \\
 556 &:= 1^0 + 7^2 + 8^2 + 18^0 + 21^2 = 10 + 72 + 82 + 180 + 212 \\
 556 &:= 1^0 + 7^3 + 14^2 + 15^1 + 18^0 = 10 + 73 + 142 + 151 + 180 \\
 556 &:= 1^1 + 1^2 + 6^0 + 23^2 + 24^1 = 11 + 12 + 60 + 232 + 241 \\
 556 &:= 1^1 + 10^0 + 10^2 + 13^1 + 21^2 = 11 + 100 + 102 + 131 + 212 \\
 556 &:= 1^1 + 10^1 + 12^0 + 12^2 + 20^2 = 11 + 101 + 120 + 122 + 202
 \end{aligned}$$

$$\begin{aligned}
 556 &:= 1^1 + 2^2 + 8^0 + 21^1 + 23^2 = 11 + 22 + 80 + 211 + 232 \\
 556 &:= 1^1 + 3^2 + 12^0 + 16^1 + 23^2 = 11 + 32 + 120 + 161 + 232 \\
 556 &:= 1^1 + 4^0 + 7^2 + 21^1 + 22^2 = 11 + 40 + 72 + 211 + 222 \\
 556 &:= 1^1 + 4^0 + 8^3 + 15^1 + 27^1 = 11 + 40 + 83 + 151 + 271 \\
 556 &:= 1^1 + 4^0 + 8^3 + 16^1 + 26^1 = 11 + 40 + 83 + 161 + 261 \\
 556 &:= 1^1 + 4^0 + 8^3 + 17^1 + 25^1 = 11 + 40 + 83 + 171 + 251 \\
 556 &:= 1^1 + 4^0 + 8^3 + 18^1 + 24^1 = 11 + 40 + 83 + 181 + 241 \\
 556 &:= 1^1 + 4^0 + 8^3 + 19^1 + 23^1 = 11 + 40 + 83 + 191 + 231 \\
 556 &:= 1^1 + 4^0 + 8^3 + 20^1 + 22^1 = 11 + 40 + 83 + 201 + 221 \\
 556 &:= 1^1 + 4^0 + 8^3 + 21^1 + 21^1 = 11 + 40 + 83 + 211 + 211 \\
 556 &:= 1^1 + 4^2 + 9^1 + 18^0 + 23^2 = 11 + 42 + 91 + 180 + 232 \\
 556 &:= 1^1 + 5^1 + 15^2 + 16^0 + 18^2 = 11 + 51 + 152 + 160 + 182 \\
 556 &:= 1^1 + 6^1 + 8^2 + 18^0 + 22^2 = 11 + 61 + 82 + 180 + 222 \\
 556 &:= 1^1 + 9^1 + 12^0 + 16^2 + 17^2 = 11 + 91 + 120 + 162 + 172 \\
 556 &:= 1^2 + 2^1 + 6^0 + 23^1 + 23^2 = 12 + 21 + 60 + 231 + 232 \\
 556 &:= 1^2 + 2^4 + 2^9 + 23^0 + 26^1 = 12 + 24 + 29 + 230 + 261 \\
 556 &:= 1^2 + 3^1 + 6^0 + 22^1 + 23^2 = 12 + 31 + 60 + 221 + 232 \\
 556 &:= 1^2 + 4^1 + 6^0 + 21^1 + 23^2 = 12 + 41 + 60 + 211 + 232 \\
 556 &:= 1^2 + 5^1 + 6^0 + 20^1 + 23^2 = 12 + 51 + 60 + 201 + 232 \\
 556 &:= 1^2 + 6^0 + 10^1 + 15^1 + 23^2 = 12 + 60 + 101 + 151 + 232 \\
 556 &:= 1^2 + 6^0 + 11^1 + 14^1 + 23^2 = 12 + 60 + 111 + 141 + 232 \\
 556 &:= 1^2 + 6^0 + 12^1 + 13^1 + 23^2 = 12 + 60 + 121 + 131 + 232 \\
 556 &:= 1^2 + 6^0 + 6^1 + 19^1 + 23^2 = 12 + 60 + 61 + 191 + 232 \\
 556 &:= 1^2 + 6^0 + 7^1 + 18^1 + 23^2 = 12 + 60 + 71 + 181 + 232 \\
 556 &:= 1^2 + 6^0 + 8^1 + 17^1 + 23^2 = 12 + 60 + 81 + 171 + 232 \\
 556 &:= 1^2 + 6^0 + 9^1 + 16^1 + 23^2 = 12 + 60 + 91 + 161 + 232 \\
 556 &:= 1^3 + 2^0 + 5^0 + 23^2 + 24^1 = 13 + 20 + 50 + 232 + 241 \\
 556 &:= 1^3 + 3^0 + 4^0 + 23^2 + 24^1 = 13 + 30 + 40 + 232 + 241 \\
 556 &:= 1^4 + 1^9 + 5^0 + 23^2 + 24^1 = 14 + 19 + 50 + 232 + 241 \\
 556 &:= 1^4 + 2^6 + 4^3 + 20^2 + 27^1 = 14 + 26 + 43 + 202 + 271
 \end{aligned}$$

$$\begin{aligned} 556 &:= 1^4 + 2^9 + 4^2 + 21^0 + 26^1 = 14 + 29 + 42 + 210 + 261 & 556 &:= 2^0 + 3^2 + 16^2 + 17^0 + 17^2 = 20 + 32 + 162 + 170 + 172 \\ 556 &:= 1^5 + 1^8 + 5^0 + 23^2 + 24^1 = 15 + 18 + 50 + 232 + 241 & 556 &:= 2^0 + 3^2 + 4^2 + 23^0 + 23^2 = 20 + 32 + 42 + 230 + 232 \\ 556 &:= 1^5 + 2^5 + 3^4 + 21^2 + 27^0 = 15 + 25 + 34 + 212 + 270 & 556 &:= 2^0 + 4^2 + 8^3 + 15^0 + 26^1 = 20 + 42 + 83 + 150 + 261 \\ 556 &:= 1^5 + 2^6 + 5^2 + 21^2 + 25^1 = 15 + 26 + 52 + 212 + 251 & 556 &:= 2^0 + 4^3 + 6^1 + 21^0 + 22^2 = 20 + 43 + 61 + 210 + 222 \\ 556 &:= 1^5 + 2^8 + 9^1 + 17^2 + 25^0 = 15 + 28 + 91 + 172 + 250 & 556 &:= 2^0 + 5^2 + 8^3 + 17^1 + 23^0 = 20 + 52 + 83 + 171 + 230 \\ 556 &:= 1^5 + 2^9 + 9^0 + 15^1 + 27^1 = 15 + 29 + 90 + 151 + 271 & 556 &:= 2^0 + 6^3 + 14^1 + 15^0 + 18^2 = 20 + 63 + 141 + 150 + 182 \\ 556 &:= 1^5 + 2^9 + 9^0 + 16^1 + 26^1 = 15 + 29 + 90 + 161 + 261 & 556 &:= 2^0 + 7^2 + 12^2 + 15^0 + 19^2 = 20 + 72 + 122 + 150 + 192 \\ 556 &:= 1^5 + 2^9 + 9^0 + 17^1 + 25^1 = 15 + 29 + 90 + 171 + 251 & 556 &:= 2^0 + 7^2 + 8^2 + 17^0 + 21^2 = 20 + 72 + 82 + 170 + 212 \\ 556 &:= 1^5 + 2^9 + 9^0 + 18^1 + 24^1 = 15 + 29 + 90 + 181 + 241 & 556 &:= 2^0 + 7^3 + 14^2 + 15^1 + 17^0 = 20 + 73 + 142 + 151 + 170 \\ 556 &:= 1^5 + 2^9 + 9^0 + 19^1 + 23^1 = 15 + 29 + 90 + 191 + 231 & 556 &:= 2^1 + 10^0 + 10^2 + 12^1 + 21^2 = 21 + 100 + 102 + 121 + 212 \\ 556 &:= 1^5 + 2^9 + 9^0 + 20^1 + 22^1 = 15 + 29 + 90 + 201 + 221 & 556 &:= 2^1 + 2^2 + 8^0 + 20^1 + 23^2 = 21 + 22 + 80 + 201 + 232 \\ 556 &:= 1^5 + 2^9 + 9^0 + 21^1 + 21^1 = 15 + 29 + 90 + 211 + 211 & 556 &:= 2^1 + 3^2 + 12^0 + 15^1 + 23^2 = 21 + 32 + 120 + 151 + 232 \\ 556 &:= 1^6 + 1^7 + 5^0 + 23^2 + 24^1 = 16 + 17 + 50 + 232 + 241 & 556 &:= 2^1 + 4^0 + 7^2 + 20^1 + 22^2 = 21 + 40 + 72 + 201 + 222 \\ 556 &:= 1^6 + 2^6 + 7^2 + 21^2 + 23^0 = 16 + 26 + 72 + 212 + 230 & 556 &:= 2^1 + 4^0 + 8^3 + 14^1 + 27^1 = 21 + 40 + 83 + 141 + 271 \\ 556 &:= 1^6 + 2^7 + 5^0 + 20^2 + 26^1 = 16 + 27 + 50 + 202 + 261 & 556 &:= 2^1 + 4^0 + 8^3 + 15^1 + 26^1 = 21 + 40 + 83 + 151 + 261 \\ 556 &:= 1^7 + 2^4 + 14^2 + 18^2 + 19^1 = 17 + 24 + 142 + 182 + 191 & 556 &:= 2^1 + 4^0 + 8^3 + 16^1 + 25^1 = 21 + 40 + 83 + 161 + 251 \\ 556 &:= 1^7 + 2^5 + 9^2 + 21^0 + 21^2 = 17 + 25 + 92 + 210 + 212 & 556 &:= 2^1 + 4^0 + 8^3 + 17^1 + 24^1 = 21 + 40 + 83 + 171 + 241 \\ 556 &:= 1^7 + 2^6 + 6^1 + 22^2 + 23^0 = 17 + 26 + 61 + 222 + 230 & 556 &:= 2^1 + 4^0 + 8^3 + 18^1 + 23^1 = 21 + 40 + 83 + 181 + 231 \\ 556 &:= 1^8 + 2^2 + 5^3 + 20^2 + 26^1 = 18 + 22 + 53 + 202 + 261 & 556 &:= 2^1 + 4^0 + 8^3 + 19^1 + 22^1 = 21 + 40 + 83 + 191 + 221 \\ 556 &:= 1^8 + 2^4 + 3^2 + 23^2 + 25^0 = 18 + 24 + 32 + 232 + 250 & 556 &:= 2^1 + 4^0 + 8^3 + 20^1 + 21^1 = 21 + 40 + 83 + 201 + 211 \\ 556 &:= 1^8 + 2^4 + 8^3 + 17^0 + 26^1 = 18 + 24 + 83 + 170 + 261 & 556 &:= 2^1 + 4^1 + 15^2 + 16^0 + 18^2 = 21 + 41 + 152 + 160 + 182 \\ 556 &:= 1^8 + 3^5 + 11^0 + 17^2 + 22^1 = 18 + 35 + 110 + 172 + 221 & 556 &:= 2^1 + 4^2 + 8^1 + 18^0 + 23^2 = 21 + 42 + 81 + 180 + 232 \\ 556 &:= 1^8 + 5^2 + 6^3 + 17^2 + 25^1 = 18 + 52 + 63 + 172 + 251 & 556 &:= 2^1 + 5^1 + 8^2 + 18^0 + 22^2 = 21 + 51 + 82 + 180 + 222 \\ 556 &:= 1^8 + 5^3 + 11^2 + 17^2 + 20^1 = 18 + 53 + 112 + 172 + 201 & 556 &:= 2^1 + 8^1 + 12^0 + 16^2 + 17^2 = 21 + 81 + 120 + 162 + 172 \\ 556 &:= 1^8 + 6^3 + 11^2 + 14^2 + 22^1 = 18 + 63 + 112 + 142 + 221 & 556 &:= 2^1 + 9^1 + 12^0 + 12^2 + 20^2 = 21 + 91 + 120 + 122 + 202 \\ 556 &:= 1^8 + 7^3 + 8^2 + 11^2 + 27^1 = 18 + 73 + 82 + 112 + 271 & 556 &:= 2^2 + 2^4 + 2^9 + 23^1 + 25^0 = 22 + 24 + 29 + 231 + 250 \\ 556 &:= 1^9 + 11^2 + 13^1 + 14^2 + 15^2 = 19 + 112 + 131 + 142 + 152 & 556 &:= 2^2 + 3^1 + 8^0 + 19^1 + 23^2 = 22 + 31 + 80 + 191 + 232 \\ 556 &:= 1^9 + 2^4 + 9^1 + 19^0 + 23^2 = 19 + 24 + 91 + 190 + 232 & 556 &:= 2^2 + 4^1 + 8^0 + 18^1 + 23^2 = 22 + 41 + 80 + 181 + 232 \\ 556 &:= 1^9 + 3^3 + 8^3 + 15^1 + 27^0 = 19 + 33 + 83 + 151 + 270 & 556 &:= 2^2 + 5^1 + 8^0 + 17^1 + 23^2 = 22 + 51 + 80 + 171 + 232 \\ 556 &:= 1^9 + 4^2 + 11^2 + 18^1 + 20^2 = 19 + 42 + 112 + 181 + 202 & 556 &:= 2^2 + 6^1 + 8^0 + 16^1 + 23^2 = 22 + 61 + 80 + 161 + 232 \\ 556 &:= 1^9 + 4^3 + 7^2 + 21^0 + 21^2 = 19 + 43 + 72 + 210 + 212 & 556 &:= 2^2 + 7^1 + 8^0 + 15^1 + 23^2 = 22 + 71 + 80 + 151 + 232 \\ 556 &:= 1^9 + 4^4 + 9^1 + 17^2 + 23^0 = 19 + 44 + 91 + 172 + 230 & 556 &:= 2^2 + 8^0 + 10^1 + 12^1 + 23^2 = 22 + 80 + 101 + 121 + 232 \\ 556 &:= 1^9 + 5^2 + 15^2 + 16^1 + 17^2 = 19 + 52 + 152 + 161 + 172 & 556 &:= 2^2 + 8^0 + 11^1 + 11^1 + 23^2 = 22 + 80 + 111 + 111 + 232 \\ 556 &:= 1^9 + 5^2 + 5^2 + 21^1 + 22^2 = 19 + 52 + 52 + 211 + 222 & 556 &:= 2^2 + 8^0 + 8^1 + 14^1 + 23^2 = 22 + 80 + 81 + 141 + 232 \\ 556 &:= 1^9 + 6^3 + 13^2 + 13^2 + 21^0 = 19 + 63 + 132 + 132 + 210 & 556 &:= 2^2 + 8^0 + 9^1 + 13^1 + 23^2 = 22 + 80 + 91 + 131 + 232 \\ 556 &:= 1^9 + 6^3 + 7^2 + 17^2 + 23^0 = 19 + 63 + 72 + 172 + 230 & 556 &:= 2^3 + 2^3 + 2^9 + 21^0 + 27^1 = 23 + 23 + 29 + 210 + 271 \\ 556 &:= 2^0 + 11^2 + 12^2 + 13^0 + 17^2 = 20 + 112 + 122 + 130 + 172 & 556 &:= 2^3 + 2^4 + 2^6 + 21^2 + 27^1 = 23 + 24 + 26 + 212 + 271 \\ 556 &:= 2^0 + 2^3 + 11^0 + 17^1 + 23^2 = 20 + 23 + 110 + 171 + 232 & 556 &:= 2^3 + 2^8 + 11^2 + 12^2 + 27^1 = 23 + 28 + 112 + 122 + 271 \end{aligned}$$

$$\begin{aligned} 556 &:= 2^3 + 3^0 + 10^0 + 17^1 + 23^2 = 23 + 30 + 100 + 171 + 232 \\ 556 &:= 2^3 + 4^0 + 9^0 + 17^1 + 23^2 = 23 + 40 + 90 + 171 + 232 \\ 556 &:= 2^3 + 5^0 + 8^0 + 17^1 + 23^2 = 23 + 50 + 80 + 171 + 232 \\ 556 &:= 2^3 + 6^0 + 7^0 + 17^1 + 23^2 = 23 + 60 + 70 + 171 + 232 \\ 556 &:= 2^4 + 2^5 + 3^4 + 20^2 + 27^1 = 24 + 25 + 34 + 202 + 271 \\ 556 &:= 2^4 + 2^6 + 5^3 + 18^2 + 27^1 = 24 + 26 + 53 + 182 + 271 \\ 556 &:= 2^4 + 2^7 + 10^2 + 17^2 + 23^1 = 24 + 27 + 102 + 172 + 231 \\ 556 &:= 2^4 + 2^7 + 5^2 + 19^2 + 26^1 = 24 + 27 + 52 + 192 + 261 \\ 556 &:= 2^4 + 2^7 + 8^2 + 18^2 + 24^1 = 24 + 27 + 82 + 182 + 241 \\ 556 &:= 2^5 + 2^6 + 6^2 + 20^2 + 24^1 = 25 + 26 + 62 + 202 + 241 \\ 556 &:= 2^5 + 2^8 + 11^1 + 16^2 + 23^0 = 25 + 28 + 111 + 162 + 230 \\ 556 &:= 2^8 + 3^5 + 6^2 + 20^1 + 23^0 = 28 + 35 + 62 + 201 + 230 \\ 556 &:= 3^0 + 11^2 + 12^0 + 12^2 + 17^2 = 30 + 112 + 120 + 122 + 172 \\ 556 &:= 3^0 + 3^2 + 16^0 + 16^2 + 17^2 = 30 + 32 + 160 + 162 + 172 \\ 556 &:= 3^0 + 3^2 + 4^2 + 22^0 + 23^2 = 30 + 32 + 42 + 220 + 232 \\ 556 &:= 3^0 + 4^2 + 8^3 + 14^0 + 26^1 = 30 + 42 + 83 + 140 + 261 \\ 556 &:= 3^0 + 4^3 + 6^1 + 20^0 + 22^2 = 30 + 43 + 61 + 200 + 222 \\ 556 &:= 3^0 + 5^2 + 8^3 + 17^1 + 22^0 = 30 + 52 + 83 + 171 + 220 \\ 556 &:= 3^0 + 6^3 + 14^0 + 14^1 + 18^2 = 30 + 63 + 140 + 141 + 182 \\ 556 &:= 3^0 + 7^2 + 12^2 + 14^0 + 19^2 = 30 + 72 + 122 + 140 + 192 \\ 556 &:= 3^0 + 7^2 + 8^2 + 16^0 + 21^2 = 30 + 72 + 82 + 160 + 212 \\ 556 &:= 3^0 + 7^3 + 14^2 + 15^1 + 16^0 = 30 + 73 + 142 + 151 + 160 \\ 556 &:= 3^1 + 10^0 + 10^2 + 11^1 + 21^2 = 31 + 100 + 102 + 111 + 212 \\ 556 &:= 3^1 + 3^1 + 15^2 + 16^0 + 18^2 = 31 + 31 + 152 + 160 + 182 \\ 556 &:= 3^1 + 3^2 + 12^0 + 14^1 + 23^2 = 31 + 32 + 120 + 141 + 232 \\ 556 &:= 3^1 + 4^0 + 7^2 + 19^1 + 22^2 = 31 + 40 + 72 + 191 + 222 \\ 556 &:= 3^1 + 4^0 + 8^3 + 13^1 + 27^1 = 31 + 40 + 83 + 131 + 271 \\ 556 &:= 3^1 + 4^0 + 8^3 + 14^1 + 26^1 = 31 + 40 + 83 + 141 + 261 \\ 556 &:= 3^1 + 4^0 + 8^3 + 15^1 + 25^1 = 31 + 40 + 83 + 151 + 251 \\ 556 &:= 3^1 + 4^0 + 8^3 + 16^1 + 24^1 = 31 + 40 + 83 + 161 + 241 \\ 556 &:= 3^1 + 4^0 + 8^3 + 17^1 + 23^1 = 31 + 40 + 83 + 171 + 231 \\ 556 &:= 3^1 + 4^0 + 8^3 + 18^1 + 22^1 = 31 + 40 + 83 + 181 + 221 \\ 556 &:= 3^1 + 4^0 + 8^3 + 19^1 + 21^1 = 31 + 40 + 83 + 191 + 211 \\ 556 &:= 3^1 + 4^0 + 8^3 + 20^1 + 20^1 = 31 + 40 + 83 + 201 + 201 \\ 556 &:= 3^1 + 4^1 + 8^2 + 18^0 + 22^2 = 31 + 41 + 82 + 180 + 222 \\ 556 &:= 3^1 + 4^2 + 7^1 + 18^0 + 23^2 = 31 + 42 + 71 + 180 + 232 \\ 556 &:= 3^1 + 7^1 + 12^0 + 16^2 + 17^2 = 31 + 71 + 120 + 162 + 172 \\ 556 &:= 3^1 + 8^1 + 12^0 + 12^2 + 20^2 = 31 + 81 + 120 + 122 + 202 \\ 556 &:= 3^2 + 4^0 + 15^0 + 16^2 + 17^2 = 32 + 40 + 150 + 162 + 172 \\ 556 &:= 3^2 + 4^0 + 4^2 + 21^0 + 23^2 = 32 + 40 + 42 + 210 + 232 \\ 556 &:= 3^2 + 4^1 + 12^0 + 13^1 + 23^2 = 32 + 41 + 120 + 131 + 232 \\ 556 &:= 3^2 + 4^2 + 10^0 + 15^0 + 23^2 = 32 + 42 + 100 + 150 + 232 \\ 556 &:= 3^2 + 4^2 + 11^0 + 14^0 + 23^2 = 32 + 42 + 110 + 140 + 232 \\ 556 &:= 3^2 + 4^2 + 12^0 + 13^0 + 23^2 = 32 + 42 + 120 + 130 + 232 \\ 556 &:= 3^2 + 4^2 + 5^0 + 20^0 + 23^2 = 32 + 42 + 50 + 200 + 232 \\ 556 &:= 3^2 + 4^2 + 6^0 + 19^0 + 23^2 = 32 + 42 + 60 + 190 + 232 \\ 556 &:= 3^2 + 4^2 + 7^0 + 18^0 + 23^2 = 32 + 42 + 70 + 180 + 232 \\ 556 &:= 3^2 + 4^2 + 8^0 + 17^0 + 23^2 = 32 + 42 + 80 + 170 + 232 \\ 556 &:= 3^2 + 4^2 + 9^0 + 16^0 + 23^2 = 32 + 42 + 90 + 160 + 232 \\ 556 &:= 3^2 + 5^0 + 14^0 + 16^2 + 17^2 = 32 + 50 + 140 + 162 + 172 \\ 556 &:= 3^2 + 5^1 + 12^0 + 12^1 + 23^2 = 32 + 51 + 120 + 121 + 232 \\ 556 &:= 3^2 + 6^0 + 13^0 + 16^2 + 17^2 = 32 + 60 + 130 + 162 + 172 \\ 556 &:= 3^2 + 6^1 + 11^1 + 12^0 + 23^2 = 32 + 61 + 111 + 120 + 232 \\ 556 &:= 3^2 + 7^0 + 12^0 + 16^2 + 17^2 = 32 + 70 + 120 + 162 + 172 \\ 556 &:= 3^2 + 7^1 + 10^1 + 12^0 + 23^2 = 32 + 71 + 101 + 120 + 232 \\ 556 &:= 3^2 + 8^0 + 11^0 + 16^2 + 17^2 = 32 + 80 + 110 + 162 + 172 \\ 556 &:= 3^2 + 8^1 + 9^1 + 12^0 + 23^2 = 32 + 81 + 91 + 120 + 232 \\ 556 &:= 3^2 + 9^0 + 10^0 + 16^2 + 17^2 = 32 + 90 + 100 + 162 + 172 \\ 556 &:= 4^0 + 11^0 + 11^2 + 12^2 + 17^2 = 40 + 110 + 112 + 122 + 172 \\ 556 &:= 4^0 + 4^1 + 7^2 + 18^1 + 22^2 = 40 + 41 + 72 + 181 + 222 \\ 556 &:= 4^0 + 4^1 + 8^3 + 12^1 + 27^1 = 40 + 41 + 83 + 121 + 271 \\ 556 &:= 4^0 + 4^1 + 8^3 + 13^1 + 26^1 = 40 + 41 + 83 + 131 + 261 \\ 556 &:= 4^0 + 4^1 + 8^3 + 14^1 + 25^1 = 40 + 41 + 83 + 141 + 251 \\ 556 &:= 4^0 + 4^1 + 8^3 + 15^1 + 24^1 = 40 + 41 + 83 + 151 + 241 \\ 556 &:= 4^0 + 4^1 + 8^3 + 16^1 + 23^1 = 40 + 41 + 83 + 161 + 231 \\ 556 &:= 4^0 + 4^1 + 8^3 + 17^1 + 22^1 = 40 + 41 + 83 + 171 + 221 \\ 556 &:= 4^0 + 4^1 + 8^3 + 18^1 + 21^1 = 40 + 41 + 83 + 181 + 211 \\ 556 &:= 4^0 + 4^1 + 8^3 + 19^1 + 20^1 = 40 + 41 + 83 + 191 + 201 \\ 556 &:= 4^0 + 4^2 + 8^3 + 13^0 + 26^1 = 40 + 42 + 83 + 130 + 261 \\ 556 &:= 4^0 + 4^3 + 6^1 + 19^0 + 22^2 = 40 + 43 + 61 + 190 + 222 \\ 556 &:= 4^0 + 5^1 + 7^2 + 17^1 + 22^2 = 40 + 51 + 72 + 171 + 222 \\ 556 &:= 4^0 + 5^1 + 8^3 + 11^1 + 27^1 = 40 + 51 + 83 + 111 + 271 \\ 556 &:= 4^0 + 5^1 + 8^3 + 12^1 + 26^1 = 40 + 51 + 83 + 121 + 261 \\ 556 &:= 4^0 + 5^1 + 8^3 + 13^1 + 25^1 = 40 + 51 + 83 + 131 + 251 \\ 556 &:= 4^0 + 5^1 + 8^3 + 14^1 + 24^1 = 40 + 51 + 83 + 141 + 241 \\ 556 &:= 4^0 + 5^1 + 8^3 + 15^1 + 23^1 = 40 + 51 + 83 + 151 + 231 \end{aligned}$$

$$\begin{aligned} 556 &:= 4^0 + 5^1 + 8^3 + 16^1 + 22^1 = 40 + 51 + 83 + 161 + 221 & 556 &:= 4^0 + 8^1 + 8^3 + 13^1 + 22^1 = 40 + 81 + 83 + 131 + 221 \\ 556 &:= 4^0 + 5^1 + 8^3 + 17^1 + 21^1 = 40 + 51 + 83 + 171 + 211 & 556 &:= 4^0 + 8^1 + 8^3 + 14^1 + 21^1 = 40 + 81 + 83 + 141 + 211 \\ 556 &:= 4^0 + 5^1 + 8^3 + 18^1 + 20^1 = 40 + 51 + 83 + 181 + 201 & 556 &:= 4^0 + 8^1 + 8^3 + 15^1 + 20^1 = 40 + 81 + 83 + 151 + 201 \\ 556 &:= 4^0 + 5^1 + 8^3 + 19^1 + 19^1 = 40 + 51 + 83 + 191 + 191 & 556 &:= 4^0 + 8^1 + 8^3 + 16^1 + 19^1 = 40 + 81 + 83 + 161 + 191 \\ 556 &:= 4^0 + 5^2 + 8^3 + 17^1 + 21^0 = 40 + 52 + 83 + 171 + 210 & 556 &:= 4^0 + 8^1 + 8^3 + 17^1 + 18^1 = 40 + 81 + 83 + 171 + 181 \\ 556 &:= 4^0 + 6^1 + 7^2 + 16^1 + 22^2 = 40 + 61 + 72 + 161 + 222 & 556 &:= 4^0 + 8^1 + 8^3 + 9^1 + 26^1 = 40 + 81 + 83 + 91 + 261 \\ 556 &:= 4^0 + 6^1 + 8^3 + 10^1 + 27^1 = 40 + 61 + 83 + 101 + 271 & 556 &:= 4^0 + 8^3 + 10^1 + 10^1 + 23^1 = 40 + 83 + 101 + 101 + 231 \\ 556 &:= 4^0 + 6^1 + 8^3 + 11^1 + 26^1 = 40 + 61 + 83 + 111 + 261 & 556 &:= 4^0 + 8^3 + 10^1 + 11^1 + 22^1 = 40 + 83 + 101 + 111 + 221 \\ 556 &:= 4^0 + 6^1 + 8^3 + 12^1 + 25^1 = 40 + 61 + 83 + 121 + 251 & 556 &:= 4^0 + 8^3 + 10^1 + 12^1 + 21^1 = 40 + 83 + 101 + 121 + 211 \\ 556 &:= 4^0 + 6^1 + 8^3 + 13^1 + 24^1 = 40 + 61 + 83 + 131 + 241 & 556 &:= 4^0 + 8^3 + 10^1 + 13^1 + 20^1 = 40 + 83 + 101 + 131 + 201 \\ 556 &:= 4^0 + 6^1 + 8^3 + 14^1 + 23^1 = 40 + 61 + 83 + 141 + 231 & 556 &:= 4^0 + 8^3 + 10^1 + 14^1 + 19^1 = 40 + 83 + 101 + 141 + 191 \\ 556 &:= 4^0 + 6^1 + 8^3 + 15^1 + 22^1 = 40 + 61 + 83 + 151 + 221 & 556 &:= 4^0 + 8^3 + 10^1 + 15^1 + 18^1 = 40 + 83 + 101 + 151 + 181 \\ 556 &:= 4^0 + 6^1 + 8^3 + 16^1 + 21^1 = 40 + 61 + 83 + 161 + 211 & 556 &:= 4^0 + 8^3 + 10^1 + 16^1 + 17^1 = 40 + 83 + 101 + 161 + 171 \\ 556 &:= 4^0 + 6^1 + 8^3 + 17^1 + 20^1 = 40 + 61 + 83 + 171 + 201 & 556 &:= 4^0 + 8^3 + 11^1 + 11^1 + 21^1 = 40 + 83 + 111 + 111 + 211 \\ 556 &:= 4^0 + 6^1 + 8^3 + 18^1 + 19^1 = 40 + 61 + 83 + 181 + 191 & 556 &:= 4^0 + 8^3 + 11^1 + 12^1 + 20^1 = 40 + 83 + 111 + 121 + 201 \\ 556 &:= 4^0 + 6^3 + 13^0 + 14^1 + 18^2 = 40 + 63 + 130 + 141 + 182 & 556 &:= 4^0 + 8^3 + 11^1 + 13^1 + 19^1 = 40 + 83 + 111 + 131 + 191 \\ 556 &:= 4^0 + 7^1 + 7^2 + 15^1 + 22^2 = 40 + 71 + 72 + 151 + 222 & 556 &:= 4^0 + 8^3 + 11^1 + 14^1 + 18^1 = 40 + 83 + 111 + 141 + 181 \\ 556 &:= 4^0 + 7^1 + 8^3 + 10^1 + 26^1 = 40 + 71 + 83 + 101 + 261 & 556 &:= 4^0 + 8^3 + 11^1 + 15^1 + 17^1 = 40 + 83 + 111 + 151 + 171 \\ 556 &:= 4^0 + 7^1 + 8^3 + 11^1 + 25^1 = 40 + 71 + 83 + 111 + 251 & 556 &:= 4^0 + 8^3 + 11^1 + 16^1 + 16^1 = 40 + 83 + 111 + 161 + 161 \\ 556 &:= 4^0 + 7^1 + 8^3 + 12^1 + 24^1 = 40 + 71 + 83 + 121 + 241 & 556 &:= 4^0 + 8^3 + 12^1 + 12^1 + 19^1 = 40 + 83 + 121 + 121 + 191 \\ 556 &:= 4^0 + 7^1 + 8^3 + 13^1 + 23^1 = 40 + 71 + 83 + 131 + 231 & 556 &:= 4^0 + 8^3 + 12^1 + 13^1 + 18^1 = 40 + 83 + 121 + 131 + 181 \\ 556 &:= 4^0 + 7^1 + 8^3 + 14^1 + 22^1 = 40 + 71 + 83 + 141 + 221 & 556 &:= 4^0 + 8^3 + 12^1 + 14^1 + 17^1 = 40 + 83 + 121 + 141 + 171 \\ 556 &:= 4^0 + 7^1 + 8^3 + 15^1 + 21^1 = 40 + 71 + 83 + 151 + 211 & 556 &:= 4^0 + 8^3 + 12^1 + 15^1 + 16^1 = 40 + 83 + 121 + 151 + 161 \\ 556 &:= 4^0 + 7^1 + 8^3 + 16^1 + 20^1 = 40 + 71 + 83 + 161 + 201 & 556 &:= 4^0 + 8^3 + 13^1 + 13^1 + 17^1 = 40 + 83 + 131 + 131 + 171 \\ 556 &:= 4^0 + 7^1 + 8^3 + 17^1 + 19^1 = 40 + 71 + 83 + 171 + 191 & 556 &:= 4^0 + 8^3 + 13^1 + 14^1 + 16^1 = 40 + 83 + 131 + 141 + 161 \\ 556 &:= 4^0 + 7^1 + 8^3 + 18^1 + 18^1 = 40 + 71 + 83 + 181 + 181 & 556 &:= 4^0 + 8^3 + 13^1 + 15^1 + 15^1 = 40 + 83 + 131 + 151 + 151 \\ 556 &:= 4^0 + 7^1 + 8^3 + 9^1 + 27^1 = 40 + 71 + 83 + 91 + 271 & 556 &:= 4^0 + 8^3 + 14^1 + 14^1 + 15^1 = 40 + 83 + 141 + 141 + 151 \\ 556 &:= 4^0 + 7^2 + 10^1 + 12^1 + 22^2 = 40 + 72 + 101 + 121 + 222 & 556 &:= 4^0 + 8^3 + 9^1 + 10^1 + 24^1 = 40 + 83 + 91 + 101 + 241 \\ 556 &:= 4^0 + 7^2 + 11^1 + 11^1 + 22^2 = 40 + 72 + 111 + 111 + 222 & 556 &:= 4^0 + 8^3 + 9^1 + 11^1 + 23^1 = 40 + 83 + 91 + 111 + 231 \\ 556 &:= 4^0 + 7^2 + 12^2 + 13^0 + 19^2 = 40 + 72 + 122 + 130 + 192 & 556 &:= 4^0 + 8^3 + 9^1 + 12^1 + 22^1 = 40 + 83 + 91 + 121 + 221 \\ 556 &:= 4^0 + 7^2 + 8^1 + 14^1 + 22^2 = 40 + 72 + 81 + 141 + 222 & 556 &:= 4^0 + 8^3 + 9^1 + 13^1 + 21^1 = 40 + 83 + 91 + 131 + 211 \\ 556 &:= 4^0 + 7^2 + 8^2 + 15^0 + 21^2 = 40 + 72 + 82 + 150 + 212 & 556 &:= 4^0 + 8^3 + 9^1 + 14^1 + 20^1 = 40 + 83 + 91 + 141 + 201 \\ 556 &:= 4^0 + 7^2 + 9^1 + 13^1 + 22^2 = 40 + 72 + 91 + 131 + 222 & 556 &:= 4^0 + 8^3 + 9^1 + 15^1 + 19^1 = 40 + 83 + 91 + 151 + 191 \\ 556 &:= 4^0 + 7^3 + 14^2 + 15^0 + 15^1 = 40 + 73 + 142 + 150 + 151 & 556 &:= 4^0 + 8^3 + 9^1 + 16^1 + 18^1 = 40 + 83 + 91 + 161 + 181 \\ 556 &:= 4^0 + 8^1 + 8^1 + 8^3 + 27^1 = 40 + 81 + 81 + 83 + 271 & 556 &:= 4^0 + 8^3 + 9^1 + 17^1 + 17^1 = 40 + 83 + 91 + 171 + 171 \\ 556 &:= 4^0 + 8^1 + 8^3 + 10^1 + 25^1 = 40 + 81 + 83 + 101 + 251 & 556 &:= 4^0 + 8^3 + 9^1 + 9^1 + 25^1 = 40 + 83 + 91 + 91 + 251 \\ 556 &:= 4^0 + 8^1 + 8^3 + 11^1 + 24^1 = 40 + 81 + 83 + 111 + 241 & 556 &:= 4^1 + 10^0 + 10^1 + 10^2 + 21^2 = 41 + 100 + 101 + 102 + 212 \\ 556 &:= 4^0 + 8^1 + 8^3 + 12^1 + 23^1 = 40 + 81 + 83 + 121 + 231 & 556 &:= 4^1 + 4^2 + 6^1 + 18^0 + 23^2 = 41 + 42 + 61 + 180 + 232 \end{aligned}$$

$$\begin{aligned}
 556 &:= 4^1 + 6^1 + 12^0 + 16^2 + 17^2 = 41 + 61 + 120 + 162 + 172 \\
 556 &:= 4^1 + 7^1 + 12^0 + 12^2 + 20^2 = 41 + 71 + 120 + 122 + 202 \\
 556 &:= 4^2 + 5^0 + 8^3 + 12^0 + 26^1 = 42 + 50 + 83 + 120 + 261 \\
 556 &:= 4^2 + 5^1 + 5^1 + 18^0 + 23^2 = 42 + 51 + 51 + 180 + 232 \\
 556 &:= 4^2 + 6^0 + 8^3 + 11^0 + 26^1 = 42 + 60 + 83 + 110 + 261 \\
 556 &:= 4^2 + 7^0 + 8^3 + 10^0 + 26^1 = 42 + 70 + 83 + 100 + 261 \\
 556 &:= 4^2 + 8^0 + 8^3 + 9^0 + 26^1 = 42 + 80 + 83 + 90 + 261 \\
 556 &:= 4^3 + 5^0 + 6^1 + 18^0 + 22^2 = 43 + 50 + 61 + 180 + 222 \\
 556 &:= 4^3 + 6^0 + 6^1 + 17^0 + 22^2 = 43 + 60 + 61 + 170 + 222 \\
 556 &:= 4^3 + 6^1 + 10^0 + 13^0 + 22^2 = 43 + 61 + 100 + 130 + 222 \\
 556 &:= 4^3 + 6^1 + 11^0 + 12^0 + 22^2 = 43 + 61 + 110 + 120 + 222 \\
 556 &:= 4^3 + 6^1 + 7^0 + 16^0 + 22^2 = 43 + 61 + 70 + 160 + 222 \\
 556 &:= 4^3 + 6^1 + 8^0 + 15^0 + 22^2 = 43 + 61 + 80 + 150 + 222 \\
 556 &:= 4^3 + 6^1 + 9^0 + 14^0 + 22^2 = 43 + 61 + 90 + 140 + 222 \\
 556 &:= 5^0 + 10^0 + 11^2 + 12^2 + 17^2 = 50 + 100 + 112 + 122 + 172 \\
 556 &:= 5^0 + 5^2 + 8^3 + 17^1 + 20^0 = 50 + 52 + 83 + 171 + 200 \\
 556 &:= 5^0 + 6^3 + 12^0 + 14^1 + 18^2 = 50 + 63 + 120 + 141 + 182 \\
 556 &:= 5^0 + 7^2 + 12^0 + 12^2 + 19^2 = 50 + 72 + 120 + 122 + 192 \\
 556 &:= 5^0 + 7^2 + 8^2 + 14^0 + 21^2 = 50 + 72 + 82 + 140 + 212 \\
 556 &:= 5^0 + 7^3 + 14^0 + 14^2 + 15^1 = 50 + 73 + 140 + 142 + 151 \\
 556 &:= 5^1 + 5^1 + 12^0 + 16^2 + 17^2 = 51 + 51 + 120 + 162 + 172 \\
 556 &:= 5^1 + 6^1 + 12^0 + 12^2 + 20^2 = 51 + 61 + 120 + 122 + 202 \\
 556 &:= 5^1 + 9^1 + 10^0 + 10^2 + 21^2 = 51 + 91 + 100 + 102 + 212 \\
 556 &:= 5^2 + 6^0 + 8^3 + 17^1 + 19^0 = 52 + 60 + 83 + 171 + 190 \\
 556 &:= 5^2 + 7^0 + 8^3 + 17^1 + 18^0 = 52 + 70 + 83 + 171 + 180 \\
 556 &:= 5^2 + 8^0 + 8^3 + 17^0 + 17^1 = 52 + 80 + 83 + 170 + 171 \\
 556 &:= 5^2 + 8^3 + 10^0 + 15^0 + 17^1 = 52 + 83 + 100 + 150 + 171 \\
 556 &:= 5^2 + 8^3 + 11^0 + 14^0 + 17^1 = 52 + 83 + 110 + 140 + 171 \\
 556 &:= 5^2 + 8^3 + 12^0 + 13^0 + 17^1 = 52 + 83 + 120 + 130 + 171 \\
 556 &:= 5^2 + 8^3 + 9^0 + 16^0 + 17^1 = 52 + 83 + 90 + 160 + 171
 \end{aligned}$$

$$\begin{aligned}
 556 &:= 6^0 + 6^3 + 11^0 + 14^1 + 18^2 = 60 + 63 + 110 + 141 + 182 \\
 556 &:= 6^0 + 7^2 + 11^0 + 12^2 + 19^2 = 60 + 72 + 110 + 122 + 192 \\
 556 &:= 6^0 + 7^2 + 8^2 + 13^0 + 21^2 = 60 + 72 + 82 + 130 + 212 \\
 556 &:= 6^0 + 7^3 + 13^0 + 14^2 + 15^1 = 60 + 73 + 130 + 142 + 151 \\
 556 &:= 6^0 + 9^0 + 11^2 + 12^2 + 17^2 = 60 + 90 + 112 + 122 + 172 \\
 556 &:= 6^1 + 6^2 + 8^0 + 8^3 + 27^0 = 61 + 62 + 80 + 83 + 270 \\
 556 &:= 6^1 + 6^2 + 8^3 + 10^0 + 25^0 = 61 + 62 + 83 + 100 + 250 \\
 556 &:= 6^1 + 6^2 + 8^3 + 11^0 + 24^0 = 61 + 62 + 83 + 110 + 240 \\
 556 &:= 6^1 + 6^2 + 8^3 + 12^0 + 23^0 = 61 + 62 + 83 + 120 + 230 \\
 556 &:= 6^1 + 6^2 + 8^3 + 13^0 + 22^0 = 61 + 62 + 83 + 130 + 220 \\
 556 &:= 6^1 + 6^2 + 8^3 + 14^0 + 21^0 = 61 + 62 + 83 + 140 + 210 \\
 556 &:= 6^1 + 6^2 + 8^3 + 15^0 + 20^0 = 61 + 62 + 83 + 150 + 200 \\
 556 &:= 6^1 + 6^2 + 8^3 + 16^0 + 19^0 = 61 + 62 + 83 + 160 + 190 \\
 556 &:= 6^1 + 6^2 + 8^3 + 17^0 + 18^0 = 61 + 62 + 83 + 170 + 180 \\
 556 &:= 6^1 + 6^2 + 8^3 + 9^0 + 26^0 = 61 + 62 + 83 + 90 + 260 \\
 556 &:= 6^1 + 8^1 + 10^0 + 10^2 + 21^2 = 61 + 81 + 100 + 102 + 212 \\
 556 &:= 6^3 + 7^0 + 10^0 + 14^1 + 18^2 = 63 + 70 + 100 + 141 + 182 \\
 556 &:= 6^3 + 8^0 + 9^0 + 14^1 + 18^2 = 63 + 80 + 90 + 141 + 182 \\
 556 &:= 7^0 + 7^2 + 10^0 + 12^2 + 19^2 = 70 + 72 + 100 + 122 + 192 \\
 556 &:= 7^0 + 7^2 + 8^2 + 12^0 + 21^2 = 70 + 72 + 82 + 120 + 212 \\
 556 &:= 7^0 + 7^3 + 12^0 + 14^2 + 15^1 = 70 + 73 + 120 + 142 + 151 \\
 556 &:= 7^0 + 8^0 + 11^2 + 12^2 + 17^2 = 70 + 80 + 112 + 122 + 172 \\
 556 &:= 7^1 + 7^1 + 10^0 + 10^2 + 21^2 = 71 + 71 + 100 + 102 + 212 \\
 556 &:= 7^2 + 8^0 + 8^2 + 11^0 + 21^2 = 72 + 80 + 82 + 110 + 212 \\
 556 &:= 7^2 + 8^0 + 9^0 + 12^2 + 19^2 = 72 + 80 + 90 + 122 + 192 \\
 556 &:= 7^2 + 8^2 + 9^0 + 10^0 + 21^2 = 72 + 82 + 90 + 100 + 212 \\
 556 &:= 7^3 + 8^0 + 11^0 + 14^2 + 15^1 = 73 + 80 + 110 + 142 + 151 \\
 556 &:= 7^3 + 9^0 + 10^0 + 14^2 + 15^1 = 73 + 90 + 100 + 142 + 151
 \end{aligned}$$

2.2.458 Number 557

$$\begin{aligned}
 557 &:= 1^3 + 3^0 + 8^3 + 43^1 = 13 + 30 + 83 + 431 \\
 557 &:= 1^4 + 5^0 + 23^2 + 26^1 = 14 + 50 + 232 + 261 \\
 557 &:= 1^7 + 2^9 + 8^0 + 43^1 = 17 + 29 + 80 + 431 \\
 557 &:= 11^2 + 14^2 + 15^1 + 15^2 = 112 + 142 + 151 + 152 \\
 557 &:= 2^3 + 8^2 + 22^2 + 23^0 = 23 + 82 + 222 + 230 \\
 557 &:= 2^3 + 8^3 + 9^0 + 36^1 = 23 + 83 + 90 + 361
 \end{aligned}$$

$$\begin{aligned}
 557 &:= 2^4 + 11^1 + 19^0 + 23^2 = 24 + 111 + 190 + 232 \\
 557 &:= 2^8 + 2^8 + 6^0 + 44^1 = 28 + 28 + 60 + 441 \\
 557 &:= 3^3 + 8^3 + 17^1 + 27^0 = 33 + 83 + 171 + 270 \\
 557 &:= 4^2 + 11^2 + 20^1 + 20^2 = 42 + 112 + 201 + 202 \\
 557 &:= 4^2 + 6^3 + 18^2 + 27^0 = 42 + 63 + 182 + 270 \\
 557 &:= 4^4 + 11^1 + 17^2 + 23^0 = 44 + 111 + 172 + 230
 \end{aligned}$$

$$\begin{aligned}
 557 &:= 5^2 + 15^2 + 17^2 + 18^1 &= 52 + 152 + 172 + 181 & 557 &:= 1^3 + 2^1 + 5^0 + 23^2 + 24^1 &= 13 + 21 + 50 + 232 + 241 \\
 557 &:= 5^2 + 5^2 + 22^2 + 23^1 &= 52 + 52 + 222 + 231 & 557 &:= 1^3 + 2^4 + 2^9 + 22^0 + 27^1 &= 13 + 24 + 29 + 220 + 271 \\
 557 &:= 6^3 + 12^2 + 14^2 + 23^0 &= 63 + 122 + 142 + 230 & 557 &:= 1^3 + 3^0 + 5^2 + 23^0 + 23^2 &= 13 + 30 + 52 + 230 + 232 \\
 557 &:= 1^0 + 1^3 + 5^2 + 23^2 + 25^0 &= 10 + 13 + 52 + 232 + 250 & 557 &:= 1^3 + 3^1 + 5^0 + 23^1 + 23^2 &= 13 + 31 + 50 + 231 + 232 \\
 557 &:= 1^0 + 1^4 + 5^0 + 23^2 + 25^1 &= 10 + 14 + 50 + 232 + 251 & 557 &:= 1^3 + 4^0 + 5^2 + 22^0 + 23^2 &= 13 + 40 + 52 + 220 + 232 \\
 557 &:= 1^0 + 11^2 + 14^1 + 14^2 + 15^2 &= 10 + 112 + 141 + 142 + 152 & 557 &:= 1^3 + 4^1 + 5^0 + 22^1 + 23^2 &= 13 + 41 + 50 + 221 + 232 \\
 557 &:= 1^0 + 2^4 + 10^1 + 19^0 + 23^2 &= 10 + 24 + 101 + 190 + 232 & 557 &:= 1^3 + 5^0 + 10^1 + 16^1 + 23^2 &= 13 + 50 + 101 + 161 + 232 \\
 557 &:= 1^0 + 3^3 + 8^3 + 16^1 + 27^0 &= 10 + 33 + 83 + 161 + 270 & 557 &:= 1^3 + 5^0 + 11^1 + 15^1 + 23^2 &= 13 + 50 + 111 + 151 + 232 \\
 557 &:= 1^0 + 4^2 + 11^2 + 19^1 + 20^2 &= 10 + 42 + 112 + 191 + 202 & 557 &:= 1^3 + 5^0 + 12^1 + 14^1 + 23^2 &= 13 + 50 + 121 + 141 + 232 \\
 557 &:= 1^0 + 4^4 + 10^1 + 17^2 + 23^0 &= 10 + 44 + 101 + 172 + 230 & 557 &:= 1^3 + 5^0 + 13^1 + 13^1 + 23^2 &= 13 + 50 + 131 + 131 + 232 \\
 557 &:= 1^0 + 5^2 + 15^2 + 17^1 + 17^2 &= 10 + 52 + 152 + 171 + 172 & 557 &:= 1^3 + 5^0 + 5^1 + 21^1 + 23^2 &= 13 + 50 + 51 + 211 + 232 \\
 557 &:= 1^0 + 5^2 + 5^2 + 22^1 + 22^2 &= 10 + 52 + 52 + 221 + 222 & 557 &:= 1^3 + 5^0 + 5^2 + 21^0 + 23^2 &= 13 + 50 + 52 + 210 + 232 \\
 557 &:= 1^1 + 1^2 + 5^2 + 23^2 + 25^0 &= 11 + 12 + 52 + 232 + 250 & 557 &:= 1^3 + 5^0 + 6^1 + 20^1 + 23^2 &= 13 + 50 + 61 + 201 + 232 \\
 557 &:= 1^1 + 1^3 + 5^0 + 23^2 + 25^1 &= 11 + 13 + 50 + 232 + 251 & 557 &:= 1^3 + 5^0 + 7^1 + 19^1 + 23^2 &= 13 + 50 + 71 + 191 + 232 \\
 557 &:= 1^1 + 2^3 + 11^0 + 18^1 + 23^2 &= 11 + 23 + 110 + 181 + 232 & 557 &:= 1^3 + 5^0 + 8^1 + 18^1 + 23^2 &= 13 + 50 + 81 + 181 + 232 \\
 557 &:= 1^1 + 4^2 + 8^3 + 15^0 + 27^1 &= 11 + 42 + 83 + 150 + 271 & 557 &:= 1^3 + 5^0 + 9^1 + 17^1 + 23^2 &= 13 + 50 + 91 + 171 + 232 \\
 557 &:= 1^1 + 4^3 + 7^1 + 21^0 + 22^2 &= 11 + 43 + 71 + 210 + 222 & 557 &:= 1^3 + 5^2 + 10^0 + 16^0 + 23^2 &= 13 + 52 + 100 + 160 + 232 \\
 557 &:= 1^1 + 5^2 + 13^2 + 17^0 + 19^2 &= 11 + 52 + 132 + 170 + 192 & 557 &:= 1^3 + 5^2 + 11^0 + 15^0 + 23^2 &= 13 + 52 + 110 + 150 + 232 \\
 557 &:= 1^1 + 5^2 + 8^3 + 18^1 + 23^0 &= 11 + 52 + 83 + 181 + 230 & 557 &:= 1^3 + 5^2 + 12^0 + 14^0 + 23^2 &= 13 + 52 + 120 + 140 + 232 \\
 557 &:= 1^1 + 6^3 + 15^0 + 15^1 + 18^2 &= 11 + 63 + 150 + 151 + 182 & 557 &:= 1^3 + 5^2 + 13^0 + 13^0 + 23^2 &= 13 + 52 + 130 + 130 + 232 \\
 557 &:= 1^1 + 7^3 + 14^2 + 16^1 + 17^0 &= 11 + 73 + 142 + 161 + 170 & 557 &:= 1^3 + 5^2 + 6^0 + 20^0 + 23^2 &= 13 + 52 + 60 + 200 + 232 \\
 557 &:= 1^2 + 1^2 + 5^0 + 23^2 + 25^1 &= 12 + 12 + 50 + 232 + 251 & 557 &:= 1^3 + 5^2 + 7^0 + 19^0 + 23^2 &= 13 + 52 + 70 + 190 + 232 \\
 557 &:= 1^2 + 10^1 + 11^0 + 16^2 + 17^2 &= 12 + 101 + 110 + 162 + 172 & 557 &:= 1^3 + 5^2 + 8^0 + 18^0 + 23^2 &= 13 + 52 + 80 + 180 + 232 \\
 557 &:= 1^2 + 11^0 + 11^1 + 12^2 + 20^2 &= 12 + 110 + 111 + 122 + 202 & 557 &:= 1^3 + 5^2 + 9^0 + 17^0 + 23^2 &= 13 + 52 + 90 + 170 + 232 \\
 557 &:= 1^2 + 2^2 + 7^0 + 22^1 + 23^2 &= 12 + 22 + 70 + 221 + 232 & 557 &:= 1^4 + 1^9 + 5^2 + 23^2 + 24^0 &= 14 + 19 + 52 + 232 + 240 \\
 557 &:= 1^2 + 3^0 + 7^2 + 22^1 + 22^2 &= 12 + 30 + 72 + 221 + 222 & 557 &:= 1^4 + 2^0 + 4^0 + 23^2 + 25^1 &= 14 + 20 + 40 + 232 + 251 \\
 557 &:= 1^2 + 3^0 + 8^3 + 16^1 + 27^1 &= 12 + 30 + 83 + 161 + 271 & 557 &:= 1^4 + 3^0 + 3^0 + 23^2 + 25^1 &= 14 + 30 + 30 + 232 + 251 \\
 557 &:= 1^2 + 3^0 + 8^3 + 17^1 + 26^1 &= 12 + 30 + 83 + 171 + 261 & 557 &:= 1^5 + 1^8 + 5^2 + 23^2 + 24^0 &= 15 + 18 + 52 + 232 + 240 \\
 557 &:= 1^2 + 3^0 + 8^3 + 18^1 + 25^1 &= 12 + 30 + 83 + 181 + 251 & 557 &:= 1^5 + 1^9 + 4^0 + 23^2 + 25^1 &= 15 + 19 + 40 + 232 + 251 \\
 557 &:= 1^2 + 3^0 + 8^3 + 19^1 + 24^1 &= 12 + 30 + 83 + 191 + 241 & 557 &:= 1^5 + 2^9 + 4^2 + 20^0 + 27^1 &= 15 + 29 + 42 + 200 + 271 \\
 557 &:= 1^2 + 3^0 + 8^3 + 20^1 + 23^1 &= 12 + 30 + 83 + 201 + 231 & 557 &:= 1^6 + 1^7 + 5^2 + 23^2 + 24^0 &= 16 + 17 + 52 + 232 + 240 \\
 557 &:= 1^2 + 3^0 + 8^3 + 21^1 + 22^1 &= 12 + 30 + 83 + 211 + 221 & 557 &:= 1^6 + 1^8 + 4^0 + 23^2 + 25^1 &= 16 + 18 + 40 + 232 + 251 \\
 557 &:= 1^2 + 3^2 + 11^0 + 17^1 + 23^2 &= 12 + 32 + 110 + 171 + 232 & 557 &:= 1^6 + 2^8 + 10^1 + 17^2 + 24^0 &= 16 + 28 + 101 + 172 + 240 \\
 557 &:= 1^2 + 4^2 + 10^1 + 17^0 + 23^2 &= 12 + 42 + 101 + 170 + 232 & 557 &:= 1^6 + 2^9 + 8^0 + 16^1 + 27^1 &= 16 + 29 + 80 + 161 + 271 \\
 557 &:= 1^2 + 6^1 + 15^0 + 15^2 + 18^2 &= 12 + 61 + 150 + 152 + 182 & 557 &:= 1^6 + 2^9 + 8^0 + 17^1 + 26^1 &= 16 + 29 + 80 + 171 + 261 \\
 557 &:= 1^2 + 7^1 + 8^2 + 17^0 + 22^2 &= 12 + 71 + 82 + 170 + 222 & 557 &:= 1^6 + 2^9 + 8^0 + 18^1 + 25^1 &= 16 + 29 + 80 + 181 + 251 \\
 557 &:= 1^2 + 9^0 + 10^2 + 14^1 + 21^2 &= 12 + 90 + 102 + 141 + 212 & 557 &:= 1^6 + 2^9 + 8^0 + 19^1 + 24^1 &= 16 + 29 + 80 + 191 + 241 \\
 557 &:= 1^3 + 2^0 + 5^2 + 23^2 + 24^0 &= 13 + 20 + 52 + 232 + 240 & 557 &:= 1^6 + 2^9 + 8^0 + 20^1 + 23^1 &= 16 + 29 + 80 + 201 + 231
 \end{aligned}$$

$$\begin{aligned} 557 &:= 1^6 + 2^9 + 8^0 + 21^1 + 22^1 = 16 + 29 + 80 + 211 + 221 & 557 &:= 2^3 + 4^1 + 11^0 + 15^1 + 23^2 = 23 + 41 + 110 + 151 + 232 \\ 557 &:= 1^7 + 1^7 + 4^0 + 23^2 + 25^1 = 17 + 17 + 40 + 232 + 251 & 557 &:= 2^3 + 5^1 + 11^0 + 14^1 + 23^2 = 23 + 51 + 110 + 141 + 232 \\ 557 &:= 1^7 + 2^7 + 4^0 + 20^2 + 27^1 = 17 + 27 + 40 + 202 + 271 & 557 &:= 2^3 + 6^1 + 11^0 + 13^1 + 23^2 = 23 + 61 + 110 + 131 + 232 \\ 557 &:= 1^8 + 2^6 + 7^1 + 22^0 + 22^2 = 18 + 26 + 71 + 220 + 222 & 557 &:= 2^3 + 7^1 + 11^0 + 12^1 + 23^2 = 23 + 71 + 110 + 121 + 232 \\ 557 &:= 1^9 + 2^4 + 8^3 + 16^0 + 27^1 = 19 + 24 + 83 + 160 + 271 & 557 &:= 2^3 + 8^1 + 11^0 + 11^1 + 23^2 = 23 + 81 + 110 + 111 + 232 \\ 557 &:= 1^9 + 3^5 + 10^0 + 17^2 + 23^1 = 19 + 35 + 100 + 172 + 231 & 557 &:= 2^3 + 9^1 + 10^1 + 11^0 + 23^2 = 23 + 91 + 101 + 110 + 232 \\ 557 &:= 2^0 + 2^4 + 10^1 + 18^0 + 23^2 = 20 + 24 + 101 + 180 + 232 & 557 &:= 2^4 + 10^0 + 10^0 + 10^1 + 23^2 = 24 + 100 + 100 + 101 + 232 \\ 557 &:= 2^0 + 3^3 + 8^3 + 16^1 + 26^0 = 20 + 33 + 83 + 161 + 260 & 557 &:= 2^4 + 3^0 + 10^1 + 17^0 + 23^2 = 24 + 30 + 101 + 170 + 232 \\ 557 &:= 2^0 + 4^4 + 10^1 + 17^2 + 22^0 = 20 + 44 + 101 + 172 + 220 & 557 &:= 2^4 + 4^0 + 10^1 + 16^0 + 23^2 = 24 + 40 + 101 + 160 + 232 \\ 557 &:= 2^1 + 11^2 + 12^2 + 13^0 + 17^2 = 21 + 112 + 122 + 130 + 172 & 557 &:= 2^4 + 5^0 + 10^1 + 15^0 + 23^2 = 24 + 50 + 101 + 150 + 232 \\ 557 &:= 2^1 + 2^3 + 11^0 + 17^1 + 23^2 = 21 + 23 + 110 + 171 + 232 & 557 &:= 2^4 + 6^0 + 10^1 + 14^0 + 23^2 = 24 + 60 + 101 + 140 + 232 \\ 557 &:= 2^1 + 3^2 + 16^2 + 17^0 + 17^2 = 21 + 32 + 162 + 170 + 172 & 557 &:= 2^4 + 7^0 + 10^1 + 13^0 + 23^2 = 24 + 70 + 101 + 130 + 232 \\ 557 &:= 2^1 + 3^2 + 4^2 + 23^0 + 23^2 = 21 + 32 + 42 + 230 + 232 & 557 &:= 2^4 + 8^0 + 10^1 + 12^0 + 23^2 = 24 + 80 + 101 + 120 + 232 \\ 557 &:= 2^1 + 4^2 + 8^3 + 15^0 + 26^1 = 21 + 42 + 83 + 150 + 261 & 557 &:= 2^4 + 9^0 + 10^1 + 11^0 + 23^2 = 24 + 90 + 101 + 110 + 232 \\ 557 &:= 2^1 + 4^3 + 6^1 + 21^0 + 22^2 = 21 + 43 + 61 + 210 + 222 & 557 &:= 2^6 + 2^7 + 7^3 + 21^1 + 22^0 = 26 + 27 + 73 + 211 + 220 \\ 557 &:= 2^1 + 5^2 + 8^3 + 17^1 + 23^0 = 21 + 52 + 83 + 171 + 230 & 557 &:= 2^6 + 2^8 + 11^1 + 15^2 + 24^0 = 26 + 28 + 111 + 152 + 240 \\ 557 &:= 2^1 + 6^3 + 14^1 + 15^0 + 18^2 = 21 + 63 + 141 + 150 + 182 & 557 &:= 2^7 + 2^7 + 11^1 + 17^2 + 22^0 = 27 + 27 + 111 + 172 + 220 \\ 557 &:= 2^1 + 7^2 + 12^2 + 15^0 + 19^2 = 21 + 72 + 122 + 150 + 192 & 557 &:= 3^0 + 12^1 + 12^2 + 12^2 + 16^2 = 30 + 121 + 122 + 122 + 162 \\ 557 &:= 2^1 + 7^2 + 8^2 + 17^0 + 21^2 = 21 + 72 + 82 + 170 + 212 & 557 &:= 3^0 + 3^2 + 13^2 + 17^1 + 19^2 = 30 + 32 + 132 + 171 + 192 \\ 557 &:= 2^1 + 7^3 + 14^2 + 15^1 + 17^0 = 21 + 73 + 142 + 151 + 170 & 557 &:= 3^0 + 3^3 + 8^3 + 16^1 + 25^0 = 30 + 33 + 83 + 161 + 250 \\ 557 &:= 2^2 + 10^2 + 11^0 + 11^1 + 21^2 = 22 + 102 + 110 + 111 + 212 & 557 &:= 3^0 + 4^2 + 6^2 + 20^1 + 22^2 = 30 + 42 + 62 + 201 + 222 \\ 557 &:= 2^2 + 2^2 + 9^0 + 19^1 + 23^2 = 22 + 22 + 90 + 191 + 232 & 557 &:= 3^0 + 4^2 + 7^3 + 14^2 + 27^0 = 30 + 42 + 73 + 142 + 270 \\ 557 &:= 2^2 + 3^1 + 15^2 + 17^0 + 18^2 = 22 + 31 + 152 + 170 + 182 & 557 &:= 3^0 + 4^2 + 9^2 + 18^1 + 21^2 = 30 + 42 + 92 + 181 + 212 \\ 557 &:= 2^2 + 3^2 + 13^0 + 14^1 + 23^2 = 22 + 32 + 130 + 141 + 232 & 557 &:= 3^0 + 4^4 + 10^1 + 17^2 + 21^0 = 30 + 44 + 101 + 172 + 210 \\ 557 &:= 2^2 + 4^1 + 8^2 + 19^0 + 22^2 = 22 + 41 + 82 + 190 + 222 & 557 &:= 3^0 + 6^2 + 12^2 + 15^1 + 19^2 = 30 + 62 + 122 + 151 + 192 \\ 557 &:= 2^2 + 4^2 + 7^1 + 19^0 + 23^2 = 22 + 42 + 71 + 190 + 232 & 557 &:= 3^0 + 7^2 + 13^2 + 14^1 + 18^2 = 30 + 72 + 132 + 141 + 182 \\ 557 &:= 2^2 + 5^0 + 7^2 + 19^1 + 22^2 = 22 + 50 + 72 + 191 + 222 & 557 &:= 3^0 + 7^2 + 7^2 + 17^1 + 21^2 = 30 + 72 + 72 + 171 + 212 \\ 557 &:= 2^2 + 5^0 + 8^3 + 13^1 + 27^1 = 22 + 50 + 83 + 131 + 271 & 557 &:= 3^0 + 9^2 + 10^2 + 14^1 + 19^2 = 30 + 92 + 102 + 141 + 192 \\ 557 &:= 2^2 + 5^0 + 8^3 + 14^1 + 26^1 = 22 + 50 + 83 + 141 + 261 & 557 &:= 3^1 + 3^2 + 12^2 + 17^0 + 20^2 = 31 + 32 + 122 + 170 + 202 \\ 557 &:= 2^2 + 5^0 + 8^3 + 15^1 + 25^1 = 22 + 50 + 83 + 151 + 251 & 557 &:= 3^1 + 4^2 + 8^3 + 15^0 + 25^1 = 31 + 42 + 83 + 150 + 251 \\ 557 &:= 2^2 + 5^0 + 8^3 + 16^1 + 24^1 = 22 + 50 + 83 + 161 + 241 & 557 &:= 3^1 + 4^3 + 5^1 + 21^0 + 22^2 = 31 + 43 + 51 + 210 + 222 \\ 557 &:= 2^2 + 5^0 + 8^3 + 17^1 + 23^1 = 22 + 50 + 83 + 171 + 231 & 557 &:= 3^1 + 5^2 + 8^3 + 16^1 + 23^0 = 31 + 52 + 83 + 161 + 230 \\ 557 &:= 2^2 + 5^0 + 8^3 + 18^1 + 22^1 = 22 + 50 + 83 + 181 + 221 & 557 &:= 3^1 + 6^3 + 13^1 + 15^0 + 18^2 = 31 + 63 + 131 + 150 + 182 \\ 557 &:= 2^2 + 5^0 + 8^3 + 19^1 + 21^1 = 22 + 50 + 83 + 191 + 211 & 557 &:= 3^1 + 7^3 + 14^1 + 14^2 + 17^0 = 31 + 73 + 141 + 142 + 170 \\ 557 &:= 2^2 + 5^0 + 8^3 + 20^1 + 20^1 = 22 + 50 + 83 + 201 + 201 & 557 &:= 3^2 + 3^2 + 9^1 + 17^0 + 23^2 = 32 + 32 + 91 + 170 + 232 \\ 557 &:= 2^2 + 7^1 + 13^0 + 16^2 + 17^2 = 22 + 71 + 130 + 162 + 172 & 557 &:= 3^2 + 6^1 + 10^2 + 15^0 + 21^2 = 32 + 61 + 102 + 150 + 212 \\ 557 &:= 2^2 + 8^1 + 12^2 + 13^0 + 20^2 = 22 + 81 + 122 + 130 + 202 & 557 &:= 3^2 + 7^2 + 9^0 + 14^1 + 22^2 = 32 + 72 + 90 + 141 + 222 \\ 557 &:= 2^3 + 3^1 + 11^0 + 16^1 + 23^2 = 23 + 31 + 110 + 161 + 232 & 557 &:= 3^2 + 8^1 + 8^3 + 9^0 + 27^1 = 32 + 81 + 83 + 90 + 271 \end{aligned}$$

$$\begin{aligned} 557 &:= 3^2 + 8^3 + 9^0 + 10^1 + 25^1 = 32 + 83 + 90 + 101 + 251 & 557 &:= 4^2 + 7^3 + 13^0 + 14^2 + 17^0 = 42 + 73 + 130 + 142 + 170 \\ 557 &:= 3^2 + 8^3 + 9^0 + 11^1 + 24^1 = 32 + 83 + 90 + 111 + 241 & 557 &:= 4^2 + 7^3 + 14^0 + 14^2 + 16^0 = 42 + 73 + 140 + 142 + 160 \\ 557 &:= 3^2 + 8^3 + 9^0 + 12^1 + 23^1 = 32 + 83 + 90 + 121 + 231 & 557 &:= 4^2 + 7^3 + 14^2 + 15^0 + 15^0 = 42 + 73 + 142 + 150 + 150 \\ 557 &:= 3^2 + 8^3 + 9^0 + 13^1 + 22^1 = 32 + 83 + 90 + 131 + 221 & 557 &:= 4^2 + 7^3 + 8^0 + 14^2 + 22^0 = 42 + 73 + 80 + 142 + 220 \\ 557 &:= 3^2 + 8^3 + 9^0 + 14^1 + 21^1 = 32 + 83 + 90 + 141 + 211 & 557 &:= 4^2 + 7^3 + 9^0 + 14^2 + 21^0 = 42 + 73 + 90 + 142 + 210 \\ 557 &:= 3^2 + 8^3 + 9^0 + 15^1 + 20^1 = 32 + 83 + 90 + 151 + 201 & 557 &:= 4^2 + 8^1 + 8^3 + 15^0 + 20^1 = 42 + 81 + 83 + 150 + 201 \\ 557 &:= 3^2 + 8^3 + 9^0 + 16^1 + 19^1 = 32 + 83 + 90 + 161 + 191 & 557 &:= 4^2 + 8^3 + 10^1 + 15^0 + 18^1 = 42 + 83 + 101 + 150 + 181 \\ 557 &:= 3^2 + 8^3 + 9^0 + 17^1 + 18^1 = 32 + 83 + 90 + 171 + 181 & 557 &:= 4^2 + 8^3 + 11^1 + 15^0 + 17^1 = 42 + 83 + 111 + 150 + 171 \\ 557 &:= 3^2 + 8^3 + 9^0 + 9^1 + 26^1 = 32 + 83 + 90 + 91 + 261 & 557 &:= 4^2 + 8^3 + 12^1 + 15^0 + 16^1 = 42 + 83 + 121 + 150 + 161 \\ 557 &:= 3^3 + 4^0 + 8^3 + 16^1 + 24^0 = 33 + 40 + 83 + 161 + 240 & 557 &:= 4^2 + 8^3 + 13^1 + 15^0 + 15^1 = 42 + 83 + 131 + 150 + 151 \\ 557 &:= 3^3 + 5^0 + 8^3 + 16^1 + 23^0 = 33 + 50 + 83 + 161 + 230 & 557 &:= 4^2 + 8^3 + 14^1 + 14^1 + 15^0 = 42 + 83 + 141 + 141 + 150 \\ 557 &:= 3^3 + 6^0 + 8^3 + 16^1 + 22^0 = 33 + 60 + 83 + 161 + 220 & 557 &:= 4^2 + 8^3 + 9^1 + 15^0 + 19^1 = 42 + 83 + 91 + 150 + 191 \\ 557 &:= 3^3 + 7^0 + 8^3 + 16^1 + 21^0 = 33 + 70 + 83 + 161 + 210 & 557 &:= 4^2 + 9^0 + 10^1 + 13^2 + 19^2 = 42 + 90 + 101 + 132 + 192 \\ 557 &:= 3^3 + 8^0 + 8^3 + 16^1 + 20^0 = 33 + 80 + 83 + 161 + 200 & 557 &:= 4^4 + 10^0 + 10^1 + 14^0 + 17^2 = 44 + 100 + 101 + 140 + 172 \\ 557 &:= 3^3 + 8^3 + 10^0 + 16^1 + 18^0 = 33 + 83 + 100 + 161 + 180 & 557 &:= 4^4 + 10^1 + 11^0 + 13^0 + 17^2 = 44 + 101 + 110 + 130 + 172 \\ 557 &:= 3^3 + 8^3 + 11^0 + 16^1 + 17^0 = 33 + 83 + 110 + 161 + 170 & 557 &:= 4^4 + 10^1 + 12^0 + 12^0 + 17^2 = 44 + 101 + 120 + 120 + 172 \\ 557 &:= 3^3 + 8^3 + 12^0 + 16^0 + 16^1 = 33 + 83 + 120 + 160 + 161 & 557 &:= 4^4 + 5^0 + 10^1 + 17^2 + 19^0 = 44 + 50 + 101 + 172 + 190 \\ 557 &:= 3^3 + 8^3 + 13^0 + 15^0 + 16^1 = 33 + 83 + 130 + 150 + 161 & 557 &:= 4^4 + 6^0 + 10^1 + 17^2 + 18^0 = 44 + 60 + 101 + 172 + 180 \\ 557 &:= 3^3 + 8^3 + 14^0 + 14^0 + 16^1 = 33 + 83 + 140 + 140 + 161 & 557 &:= 4^4 + 7^0 + 10^1 + 17^0 + 17^2 = 44 + 70 + 101 + 170 + 172 \\ 557 &:= 3^3 + 8^3 + 9^0 + 16^1 + 19^0 = 33 + 83 + 90 + 161 + 190 & 557 &:= 4^4 + 8^0 + 10^1 + 16^0 + 17^2 = 44 + 80 + 101 + 160 + 172 \\ 557 &:= 4^0 + 4^2 + 7^3 + 14^2 + 26^0 = 40 + 42 + 73 + 142 + 260 & 557 &:= 4^4 + 9^0 + 10^1 + 15^0 + 17^2 = 44 + 90 + 101 + 150 + 172 \\ 557 &:= 4^0 + 4^4 + 10^1 + 17^2 + 20^0 = 40 + 44 + 101 + 172 + 200 & 557 &:= 5^0 + 10^1 + 11^2 + 13^2 + 16^2 = 50 + 101 + 112 + 132 + 162 \\ 557 &:= 4^1 + 10^2 + 11^0 + 14^2 + 16^2 = 41 + 102 + 110 + 142 + 162 & 557 &:= 5^0 + 10^2 + 11^1 + 11^2 + 18^2 = 50 + 102 + 111 + 112 + 182 \\ 557 &:= 4^1 + 4^1 + 4^3 + 21^0 + 22^2 = 41 + 41 + 43 + 210 + 222 & 557 &:= 5^0 + 6^2 + 8^2 + 15^1 + 21^2 = 50 + 62 + 82 + 151 + 212 \\ 557 &:= 4^1 + 4^2 + 8^3 + 15^0 + 24^1 = 41 + 42 + 83 + 150 + 241 & 557 &:= 5^0 + 8^2 + 11^1 + 15^2 + 16^2 = 50 + 82 + 111 + 152 + 162 \\ 557 &:= 4^1 + 5^2 + 8^3 + 15^1 + 23^0 = 41 + 52 + 83 + 151 + 230 & 557 &:= 5^1 + 5^2 + 8^3 + 14^1 + 23^0 = 51 + 52 + 83 + 141 + 230 \\ 557 &:= 4^1 + 6^3 + 12^1 + 15^0 + 18^2 = 41 + 63 + 121 + 150 + 182 & 557 &:= 5^1 + 6^3 + 11^1 + 15^0 + 18^2 = 51 + 63 + 111 + 150 + 182 \\ 557 &:= 4^1 + 7^3 + 13^1 + 14^2 + 17^0 = 41 + 73 + 131 + 142 + 170 & 557 &:= 5^1 + 7^3 + 12^1 + 14^2 + 17^0 = 51 + 73 + 121 + 142 + 170 \\ 557 &:= 4^2 + 5^0 + 7^3 + 14^2 + 25^0 = 42 + 50 + 73 + 142 + 250 & 557 &:= 5^2 + 6^1 + 8^3 + 13^1 + 23^0 = 52 + 61 + 83 + 131 + 230 \\ 557 &:= 4^2 + 5^1 + 8^3 + 15^0 + 23^1 = 42 + 51 + 83 + 150 + 231 & 557 &:= 5^2 + 6^2 + 11^0 + 11^1 + 22^2 = 52 + 62 + 110 + 111 + 222 \\ 557 &:= 4^2 + 6^0 + 7^3 + 14^2 + 24^0 = 42 + 60 + 73 + 142 + 240 & 557 &:= 5^2 + 7^0 + 11^1 + 14^2 + 18^2 = 52 + 70 + 111 + 142 + 182 \\ 557 &:= 4^2 + 6^1 + 8^3 + 15^0 + 22^1 = 42 + 61 + 83 + 150 + 221 & 557 &:= 5^2 + 7^1 + 8^3 + 12^1 + 23^0 = 52 + 71 + 83 + 121 + 230 \\ 557 &:= 4^2 + 7^0 + 7^3 + 14^2 + 23^0 = 42 + 70 + 73 + 142 + 230 & 557 &:= 5^2 + 8^1 + 8^3 + 11^1 + 23^0 = 52 + 81 + 83 + 111 + 230 \\ 557 &:= 4^2 + 7^1 + 7^2 + 15^0 + 22^2 = 42 + 71 + 72 + 150 + 222 & 557 &:= 5^2 + 8^3 + 9^1 + 10^1 + 23^0 = 52 + 83 + 91 + 101 + 230 \\ 557 &:= 4^2 + 7^1 + 8^3 + 15^0 + 21^1 = 42 + 71 + 83 + 150 + 211 & 557 &:= 5^2 + 9^0 + 10^1 + 11^2 + 20^2 = 52 + 90 + 101 + 112 + 202 \\ 557 &:= 4^2 + 7^3 + 10^0 + 14^2 + 20^0 = 42 + 73 + 100 + 142 + 200 & 557 &:= 5^2 + 9^1 + 9^2 + 11^0 + 21^2 = 52 + 91 + 92 + 110 + 212 \\ 557 &:= 4^2 + 7^3 + 11^0 + 14^2 + 19^0 = 42 + 73 + 110 + 142 + 190 & 557 &:= 6^1 + 6^2 + 11^0 + 15^2 + 17^2 = 61 + 62 + 110 + 152 + 172 \\ 557 &:= 4^2 + 7^3 + 12^0 + 14^2 + 18^0 = 42 + 73 + 120 + 142 + 180 & 557 &:= 6^1 + 6^3 + 10^1 + 15^0 + 18^2 = 61 + 63 + 101 + 150 + 182 \end{aligned}$$

$$\begin{aligned}
 557 &:= 6^1 + 7^3 + 11^1 + 14^2 + 17^0 = 61 + 73 + 111 + 142 + 170 \\
 557 &:= 6^1 + 9^0 + 10^2 + 15^2 + 15^2 = 61 + 90 + 102 + 152 + 152 \\
 557 &:= 6^2 + 8^1 + 9^0 + 16^2 + 16^2 = 62 + 81 + 90 + 162 + 162 \\
 557 &:= 6^3 + 7^1 + 9^1 + 15^0 + 18^2 = 63 + 71 + 91 + 150 + 182 \\
 557 &:= 6^3 + 8^1 + 8^1 + 15^0 + 18^2 = 63 + 81 + 81 + 150 + 182 \\
 557 &:= 7^0 + 8^2 + 10^1 + 11^2 + 19^2 = 70 + 82 + 101 + 112 + 192 \\
 557 &:= 7^0 + 8^2 + 9^2 + 11^1 + 20^2 = 70 + 82 + 92 + 111 + 202
 \end{aligned}$$

$$\begin{aligned}
 557 &:= 7^1 + 7^2 + 10^2 + 11^0 + 20^2 = 71 + 72 + 102 + 110 + 202 \\
 557 &:= 7^1 + 7^3 + 10^1 + 14^2 + 17^0 = 71 + 73 + 101 + 142 + 170 \\
 557 &:= 7^1 + 8^2 + 9^0 + 14^2 + 17^2 = 71 + 82 + 90 + 142 + 172 \\
 557 &:= 7^1 + 9^0 + 9^2 + 12^2 + 18^2 = 71 + 90 + 92 + 122 + 182 \\
 557 &:= 7^3 + 8^1 + 9^1 + 14^2 + 17^0 = 73 + 81 + 91 + 142 + 170
 \end{aligned}$$

2.2.459 Number 558

$$\begin{aligned}
 558 &:= 1^3 + 3^3 + 23^2 + 28^0 = 13 + 33 + 232 + 280 \\
 558 &:= 1^4 + 2^0 + 8^3 + 44^1 = 14 + 20 + 83 + 441 \\
 558 &:= 1^5 + 1^9 + 8^3 + 44^1 = 15 + 19 + 83 + 441 \\
 558 &:= 1^5 + 4^0 + 23^2 + 27^1 = 15 + 40 + 232 + 271 \\
 558 &:= 1^6 + 1^8 + 8^3 + 44^1 = 16 + 18 + 83 + 441 \\
 558 &:= 1^7 + 1^7 + 8^3 + 44^1 = 17 + 17 + 83 + 441 \\
 558 &:= 1^8 + 2^9 + 7^0 + 44^1 = 18 + 29 + 70 + 441 \\
 558 &:= 1^9 + 4^4 + 4^4 + 45^1 = 19 + 44 + 44 + 451 \\
 558 &:= 2^4 + 10^2 + 21^2 + 22^0 = 24 + 102 + 212 + 220 \\
 558 &:= 2^4 + 8^3 + 16^0 + 29^1 = 24 + 83 + 160 + 291 \\
 558 &:= 3^5 + 10^0 + 17^2 + 25^1 = 35 + 100 + 172 + 251 \\
 558 &:= 1^0 + 1^5 + 4^0 + 23^2 + 26^1 = 10 + 15 + 40 + 232 + 261 \\
 558 &:= 1^0 + 2^3 + 4^3 + 22^2 + 26^0 = 10 + 23 + 43 + 222 + 260 \\
 558 &:= 1^0 + 3^5 + 10^0 + 17^2 + 24^1 = 10 + 35 + 100 + 172 + 241 \\
 558 &:= 1^1 + 1^4 + 4^0 + 23^2 + 26^1 = 11 + 14 + 40 + 232 + 261 \\
 558 &:= 1^1 + 2^3 + 8^2 + 22^0 + 22^2 = 11 + 23 + 82 + 220 + 222 \\
 558 &:= 1^1 + 2^4 + 11^1 + 18^0 + 23^2 = 11 + 24 + 111 + 180 + 232 \\
 558 &:= 1^1 + 3^3 + 8^3 + 17^1 + 26^0 = 11 + 33 + 83 + 171 + 260 \\
 558 &:= 1^1 + 4^2 + 6^3 + 18^2 + 26^0 = 11 + 42 + 63 + 182 + 260 \\
 558 &:= 1^1 + 4^4 + 11^1 + 17^2 + 22^0 = 11 + 44 + 111 + 172 + 220 \\
 558 &:= 1^1 + 6^3 + 12^2 + 14^2 + 22^0 = 11 + 63 + 122 + 142 + 220 \\
 558 &:= 1^2 + 1^3 + 4^0 + 23^2 + 26^1 = 12 + 13 + 40 + 232 + 261 \\
 558 &:= 1^2 + 2^3 + 10^0 + 19^1 + 23^2 = 12 + 23 + 100 + 191 + 232 \\
 558 &:= 1^2 + 4^3 + 8^1 + 20^0 + 22^2 = 12 + 43 + 81 + 200 + 222 \\
 558 &:= 1^2 + 5^2 + 8^3 + 19^1 + 22^0 = 12 + 52 + 83 + 191 + 220 \\
 558 &:= 1^2 + 6^2 + 14^2 + 16^0 + 18^2 = 12 + 62 + 142 + 160 + 182 \\
 558 &:= 1^2 + 6^2 + 6^2 + 20^0 + 22^2 = 12 + 62 + 62 + 200 + 222 \\
 558 &:= 1^2 + 6^3 + 14^0 + 16^1 + 18^2 = 12 + 63 + 140 + 161 + 182 \\
 558 &:= 1^2 + 7^3 + 14^2 + 16^0 + 17^1 = 12 + 73 + 142 + 160 + 171
 \end{aligned}$$

$$\begin{aligned}
 558 &:= 1^3 + 10^0 + 11^1 + 16^2 + 17^2 = 13 + 100 + 111 + 162 + 172 \\
 558 &:= 1^3 + 10^0 + 12^1 + 12^2 + 20^2 = 13 + 100 + 121 + 122 + 202 \\
 558 &:= 1^3 + 2^0 + 7^2 + 22^2 + 23^1 = 13 + 20 + 72 + 222 + 231 \\
 558 &:= 1^3 + 2^0 + 8^3 + 17^1 + 27^1 = 13 + 20 + 83 + 171 + 271 \\
 558 &:= 1^3 + 2^0 + 8^3 + 18^1 + 26^1 = 13 + 20 + 83 + 181 + 261 \\
 558 &:= 1^3 + 2^0 + 8^3 + 19^1 + 25^1 = 13 + 20 + 83 + 191 + 251 \\
 558 &:= 1^3 + 2^0 + 8^3 + 20^1 + 24^1 = 13 + 20 + 83 + 201 + 241 \\
 558 &:= 1^3 + 2^0 + 8^3 + 21^1 + 23^1 = 13 + 20 + 83 + 211 + 231 \\
 558 &:= 1^3 + 2^0 + 8^3 + 22^1 + 22^1 = 13 + 20 + 83 + 221 + 221 \\
 558 &:= 1^3 + 2^1 + 5^2 + 23^2 + 24^0 = 13 + 21 + 52 + 232 + 240 \\
 558 &:= 1^3 + 2^2 + 6^0 + 23^1 + 23^2 = 13 + 22 + 60 + 231 + 232 \\
 558 &:= 1^3 + 3^2 + 10^0 + 18^1 + 23^2 = 13 + 32 + 100 + 181 + 232 \\
 558 &:= 1^3 + 4^2 + 11^1 + 16^0 + 23^2 = 13 + 42 + 111 + 160 + 232 \\
 558 &:= 1^3 + 7^1 + 14^0 + 15^2 + 18^2 = 13 + 71 + 140 + 152 + 182 \\
 558 &:= 1^3 + 8^0 + 10^2 + 15^1 + 21^2 = 13 + 80 + 102 + 151 + 212 \\
 558 &:= 1^3 + 8^1 + 8^2 + 16^0 + 22^2 = 13 + 81 + 82 + 160 + 222 \\
 558 &:= 1^4 + 1^9 + 7^2 + 22^2 + 23^1 = 14 + 19 + 72 + 222 + 231 \\
 558 &:= 1^4 + 1^9 + 8^3 + 17^1 + 27^1 = 14 + 19 + 83 + 171 + 271 \\
 558 &:= 1^4 + 1^9 + 8^3 + 18^1 + 26^1 = 14 + 19 + 83 + 181 + 261 \\
 558 &:= 1^4 + 1^9 + 8^3 + 19^1 + 25^1 = 14 + 19 + 83 + 191 + 251 \\
 558 &:= 1^4 + 1^9 + 8^3 + 20^1 + 24^1 = 14 + 19 + 83 + 201 + 241 \\
 558 &:= 1^4 + 1^9 + 8^3 + 21^1 + 23^1 = 14 + 19 + 83 + 211 + 231 \\
 558 &:= 1^4 + 1^9 + 8^3 + 22^1 + 22^1 = 14 + 19 + 83 + 221 + 221 \\
 558 &:= 1^4 + 2^1 + 4^0 + 23^2 + 25^1 = 14 + 21 + 40 + 232 + 251 \\
 558 &:= 1^4 + 3^1 + 4^0 + 23^2 + 24^1 = 14 + 31 + 40 + 232 + 241 \\
 558 &:= 1^4 + 4^0 + 10^1 + 17^1 + 23^2 = 14 + 40 + 101 + 171 + 232 \\
 558 &:= 1^4 + 4^0 + 11^1 + 16^1 + 23^2 = 14 + 40 + 111 + 161 + 232 \\
 558 &:= 1^4 + 4^0 + 12^1 + 15^1 + 23^2 = 14 + 40 + 121 + 151 + 232 \\
 558 &:= 1^4 + 4^0 + 13^1 + 14^1 + 23^2 = 14 + 40 + 131 + 141 + 232
 \end{aligned}$$

$$\begin{aligned}
 558 &:= 1^4 + 4^0 + 4^1 + 23^1 + 23^2 = 14 + 40 + 41 + 231 + 232 & 558 &:= 1^8 + 4^4 + 4^4 + 18^1 + 27^1 = 18 + 44 + 44 + 181 + 271 \\
 558 &:= 1^4 + 4^0 + 5^1 + 22^1 + 23^2 = 14 + 40 + 51 + 221 + 232 & 558 &:= 1^8 + 4^4 + 4^4 + 19^1 + 26^1 = 18 + 44 + 44 + 191 + 261 \\
 558 &:= 1^4 + 4^0 + 6^1 + 21^1 + 23^2 = 14 + 40 + 61 + 211 + 232 & 558 &:= 1^8 + 4^4 + 4^4 + 20^1 + 25^1 = 18 + 44 + 44 + 201 + 251 \\
 558 &:= 1^4 + 4^0 + 7^1 + 20^1 + 23^2 = 14 + 40 + 71 + 201 + 232 & 558 &:= 1^8 + 4^4 + 4^4 + 21^1 + 24^1 = 18 + 44 + 44 + 211 + 241 \\
 558 &:= 1^4 + 4^0 + 8^1 + 19^1 + 23^2 = 14 + 40 + 81 + 191 + 232 & 558 &:= 1^8 + 4^4 + 4^4 + 22^1 + 23^1 = 18 + 44 + 44 + 221 + 231 \\
 558 &:= 1^4 + 4^0 + 9^1 + 18^1 + 23^2 = 14 + 40 + 91 + 181 + 232 & 558 &:= 1^9 + 2^4 + 11^2 + 20^1 + 20^2 = 19 + 24 + 112 + 201 + 202 \\
 558 &:= 1^5 + 1^8 + 7^2 + 22^2 + 23^1 = 15 + 18 + 72 + 222 + 231 & 558 &:= 1^9 + 2^4 + 6^3 + 18^2 + 27^0 = 19 + 24 + 63 + 182 + 270 \\
 558 &:= 1^5 + 1^8 + 8^3 + 17^1 + 27^1 = 15 + 18 + 83 + 171 + 271 & 558 &:= 1^9 + 2^6 + 8^1 + 21^0 + 22^2 = 19 + 26 + 81 + 210 + 222 \\
 558 &:= 1^5 + 1^8 + 8^3 + 18^1 + 26^1 = 15 + 18 + 83 + 181 + 261 & 558 &:= 1^9 + 3^2 + 3^4 + 21^2 + 26^1 = 19 + 32 + 34 + 212 + 261 \\
 558 &:= 1^5 + 1^8 + 8^3 + 19^1 + 25^1 = 15 + 18 + 83 + 191 + 251 & 558 &:= 1^9 + 3^3 + 4^3 + 21^2 + 25^1 = 19 + 33 + 43 + 212 + 251 \\
 558 &:= 1^5 + 1^8 + 8^3 + 20^1 + 24^1 = 15 + 18 + 83 + 201 + 241 & 558 &:= 1^9 + 3^5 + 12^2 + 13^2 + 25^0 = 19 + 35 + 122 + 132 + 250 \\
 558 &:= 1^5 + 1^8 + 8^3 + 21^1 + 23^1 = 15 + 18 + 83 + 211 + 231 & 558 &:= 1^9 + 4^4 + 7^2 + 15^2 + 27^1 = 19 + 44 + 72 + 152 + 271 \\
 558 &:= 1^5 + 1^8 + 8^3 + 22^1 + 22^1 = 15 + 18 + 83 + 221 + 221 & 558 &:= 2^0 + 2^3 + 13^2 + 19^1 + 19^2 = 20 + 23 + 132 + 191 + 192 \\
 558 &:= 1^5 + 2^0 + 3^0 + 23^2 + 26^1 = 15 + 20 + 30 + 232 + 261 & 558 &:= 2^0 + 2^3 + 4^3 + 22^2 + 25^0 = 20 + 23 + 43 + 222 + 250 \\
 558 &:= 1^6 + 1^7 + 7^2 + 22^2 + 23^1 = 16 + 17 + 72 + 222 + 231 & 558 &:= 2^0 + 3^3 + 16^2 + 16^2 + 18^1 = 20 + 33 + 162 + 162 + 181 \\
 558 &:= 1^6 + 1^7 + 8^3 + 17^1 + 27^1 = 16 + 17 + 83 + 171 + 271 & 558 &:= 2^0 + 3^5 + 9^0 + 17^2 + 24^1 = 20 + 35 + 90 + 172 + 241 \\
 558 &:= 1^6 + 1^7 + 8^3 + 18^1 + 26^1 = 16 + 17 + 83 + 181 + 261 & 558 &:= 2^0 + 5^3 + 7^2 + 19^2 + 22^1 = 20 + 53 + 72 + 192 + 221 \\
 558 &:= 1^6 + 1^7 + 8^3 + 19^1 + 25^1 = 16 + 17 + 83 + 191 + 251 & 558 &:= 2^1 + 2^4 + 10^1 + 18^0 + 23^2 = 21 + 24 + 101 + 180 + 232 \\
 558 &:= 1^6 + 1^7 + 8^3 + 20^1 + 24^1 = 16 + 17 + 83 + 201 + 241 & 558 &:= 2^1 + 3^3 + 8^3 + 16^1 + 26^0 = 21 + 33 + 83 + 161 + 260 \\
 558 &:= 1^6 + 1^7 + 8^3 + 21^1 + 23^1 = 16 + 17 + 83 + 211 + 231 & 558 &:= 2^1 + 4^4 + 10^1 + 17^2 + 22^0 = 21 + 44 + 101 + 172 + 220 \\
 558 &:= 1^6 + 1^7 + 8^3 + 22^1 + 22^1 = 16 + 17 + 83 + 221 + 221 & 558 &:= 2^2 + 2^2 + 15^2 + 18^0 + 18^2 = 22 + 22 + 152 + 180 + 182 \\
 558 &:= 1^6 + 1^9 + 3^0 + 23^2 + 26^1 = 16 + 19 + 30 + 232 + 261 & 558 &:= 2^2 + 2^3 + 12^0 + 16^1 + 23^2 = 22 + 23 + 120 + 161 + 232 \\
 558 &:= 1^6 + 2^7 + 9^2 + 18^2 + 24^1 = 16 + 27 + 92 + 182 + 241 & 558 &:= 2^2 + 3^2 + 12^2 + 18^0 + 20^2 = 22 + 32 + 122 + 180 + 202 \\
 558 &:= 1^6 + 2^9 + 5^2 + 19^1 + 27^0 = 16 + 29 + 52 + 191 + 270 & 558 &:= 2^2 + 4^2 + 8^3 + 16^0 + 25^1 = 22 + 42 + 83 + 160 + 251 \\
 558 &:= 1^7 + 1^8 + 3^0 + 23^2 + 26^1 = 17 + 18 + 30 + 232 + 261 & 558 &:= 2^2 + 4^3 + 5^1 + 22^0 + 22^2 = 22 + 43 + 51 + 220 + 222 \\
 558 &:= 1^7 + 2^3 + 2^6 + 22^2 + 27^0 = 17 + 23 + 26 + 222 + 270 & 558 &:= 2^2 + 5^2 + 8^3 + 16^1 + 24^0 = 22 + 52 + 83 + 161 + 240 \\
 558 &:= 1^7 + 2^8 + 11^1 + 17^2 + 23^0 = 17 + 28 + 111 + 172 + 230 & 558 &:= 2^2 + 6^3 + 13^1 + 16^0 + 18^2 = 22 + 63 + 131 + 160 + 182 \\
 558 &:= 1^7 + 2^9 + 7^0 + 17^1 + 27^1 = 17 + 29 + 70 + 171 + 271 & 558 &:= 2^2 + 7^3 + 14^1 + 14^2 + 18^0 = 22 + 73 + 141 + 142 + 180 \\
 558 &:= 1^7 + 2^9 + 7^0 + 18^1 + 26^1 = 17 + 29 + 70 + 181 + 261 & 558 &:= 2^3 + 3^0 + 4^3 + 22^2 + 24^0 = 23 + 30 + 43 + 222 + 240 \\
 558 &:= 1^7 + 2^9 + 7^0 + 19^1 + 25^1 = 17 + 29 + 70 + 191 + 251 & 558 &:= 2^3 + 3^2 + 11^1 + 16^0 + 23^2 = 23 + 32 + 111 + 160 + 232 \\
 558 &:= 1^7 + 2^9 + 7^0 + 20^1 + 24^1 = 17 + 29 + 70 + 201 + 241 & 558 &:= 2^3 + 4^0 + 4^3 + 22^2 + 23^0 = 23 + 40 + 43 + 222 + 230 \\
 558 &:= 1^7 + 2^9 + 7^0 + 21^1 + 23^1 = 17 + 29 + 70 + 211 + 231 & 558 &:= 2^3 + 4^1 + 16^0 + 16^2 + 17^2 = 23 + 41 + 160 + 162 + 172 \\
 558 &:= 1^7 + 2^9 + 7^0 + 22^1 + 22^1 = 17 + 29 + 70 + 221 + 221 & 558 &:= 2^3 + 4^1 + 4^2 + 22^0 + 23^2 = 23 + 41 + 42 + 220 + 232 \\
 558 &:= 1^8 + 2^3 + 3^4 + 21^2 + 27^1 = 18 + 23 + 34 + 212 + 271 & 558 &:= 2^3 + 4^3 + 10^0 + 17^0 + 22^2 = 23 + 43 + 100 + 170 + 222 \\
 558 &:= 1^8 + 2^5 + 12^2 + 19^2 + 20^1 = 18 + 25 + 122 + 192 + 201 & 558 &:= 2^3 + 4^3 + 11^0 + 16^0 + 22^2 = 23 + 43 + 110 + 160 + 222 \\
 558 &:= 1^8 + 2^5 + 4^2 + 22^2 + 25^1 = 18 + 25 + 42 + 222 + 251 & 558 &:= 2^3 + 4^3 + 12^0 + 15^0 + 22^2 = 23 + 43 + 120 + 150 + 222 \\
 558 &:= 1^8 + 3^4 + 5^3 + 18^2 + 27^1 = 18 + 34 + 53 + 182 + 271 & 558 &:= 2^3 + 4^3 + 13^0 + 14^0 + 22^2 = 23 + 43 + 130 + 140 + 222 \\
 558 &:= 1^8 + 3^5 + 12^2 + 12^2 + 26^1 = 18 + 35 + 122 + 122 + 261 & 558 &:= 2^3 + 4^3 + 5^0 + 22^0 + 22^2 = 23 + 43 + 50 + 220 + 222
 \end{aligned}$$

$$\begin{aligned}
 558 &:= 2^3 + 4^3 + 6^0 + 21^0 + 22^2 = 23 + 43 + 60 + 210 + 222 & 558 &:= 3^1 + 6^3 + 13^2 + 13^2 + 20^0 = 31 + 63 + 132 + 132 + 200 \\
 558 &:= 2^3 + 4^3 + 7^0 + 20^0 + 22^2 = 23 + 43 + 70 + 200 + 222 & 558 &:= 3^1 + 6^3 + 7^2 + 17^2 + 22^0 = 31 + 63 + 72 + 172 + 220 \\
 558 &:= 2^3 + 4^3 + 8^0 + 19^0 + 22^2 = 23 + 43 + 80 + 190 + 222 & 558 &:= 3^2 + 3^2 + 8^3 + 14^0 + 27^1 = 32 + 32 + 83 + 140 + 271 \\
 558 &:= 2^3 + 4^3 + 9^0 + 18^0 + 22^2 = 23 + 43 + 90 + 180 + 222 & 558 &:= 3^2 + 4^0 + 5^3 + 20^2 + 23^1 = 32 + 40 + 53 + 202 + 231 \\
 558 &:= 2^3 + 5^1 + 12^2 + 16^0 + 20^2 = 23 + 51 + 122 + 160 + 202 & 558 &:= 3^2 + 4^2 + 8^3 + 20^0 + 20^1 = 32 + 42 + 83 + 200 + 201 \\
 558 &:= 2^3 + 6^2 + 8^3 + 12^0 + 27^0 = 23 + 62 + 83 + 120 + 270 & 558 &:= 3^2 + 6^2 + 14^0 + 16^2 + 16^2 = 32 + 62 + 140 + 162 + 162 \\
 558 &:= 2^3 + 6^2 + 8^3 + 13^0 + 26^0 = 23 + 62 + 83 + 130 + 260 & 558 &:= 3^2 + 6^3 + 8^1 + 18^2 + 20^0 = 32 + 63 + 81 + 182 + 200 \\
 558 &:= 2^3 + 6^2 + 8^3 + 14^0 + 25^0 = 23 + 62 + 83 + 140 + 250 & 558 &:= 3^2 + 7^3 + 9^1 + 14^2 + 22^0 = 32 + 73 + 91 + 142 + 220 \\
 558 &:= 2^3 + 6^2 + 8^3 + 15^0 + 24^0 = 23 + 62 + 83 + 150 + 240 & 558 &:= 3^3 + 10^0 + 10^1 + 14^2 + 18^2 = 33 + 100 + 101 + 142 + 182 \\
 558 &:= 2^3 + 6^2 + 8^3 + 16^0 + 23^0 = 23 + 62 + 83 + 160 + 230 & 558 &:= 3^3 + 4^0 + 15^2 + 16^1 + 17^2 = 33 + 40 + 152 + 161 + 172 \\
 558 &:= 2^3 + 6^2 + 8^3 + 17^0 + 22^0 = 23 + 62 + 83 + 170 + 220 & 558 &:= 3^3 + 4^0 + 5^2 + 21^1 + 22^2 = 33 + 40 + 52 + 211 + 222 \\
 558 &:= 2^3 + 6^2 + 8^3 + 18^0 + 21^0 = 23 + 62 + 83 + 180 + 210 & 558 &:= 3^3 + 4^1 + 8^3 + 14^1 + 26^0 = 33 + 41 + 83 + 141 + 260 \\
 558 &:= 2^3 + 6^2 + 8^3 + 19^0 + 20^0 = 23 + 62 + 83 + 190 + 200 & 558 &:= 3^3 + 5^1 + 8^3 + 13^1 + 26^0 = 33 + 51 + 83 + 131 + 260 \\
 558 &:= 2^3 + 7^2 + 8^0 + 16^1 + 22^2 = 23 + 72 + 80 + 161 + 222 & 558 &:= 3^3 + 6^1 + 8^3 + 12^1 + 26^0 = 33 + 61 + 83 + 121 + 260 \\
 558 &:= 2^3 + 8^0 + 8^3 + 10^1 + 27^1 = 23 + 80 + 83 + 101 + 271 & 558 &:= 3^3 + 6^2 + 10^1 + 14^0 + 22^2 = 33 + 62 + 101 + 140 + 222 \\
 558 &:= 2^3 + 8^0 + 8^3 + 11^1 + 26^1 = 23 + 80 + 83 + 111 + 261 & 558 &:= 3^3 + 7^1 + 8^3 + 11^1 + 26^0 = 33 + 71 + 83 + 111 + 260 \\
 558 &:= 2^3 + 8^0 + 8^3 + 12^1 + 25^1 = 23 + 80 + 83 + 121 + 251 & 558 &:= 3^3 + 8^1 + 8^3 + 10^1 + 26^0 = 33 + 81 + 83 + 101 + 260 \\
 558 &:= 2^3 + 8^0 + 8^3 + 13^1 + 24^1 = 23 + 80 + 83 + 131 + 241 & 558 &:= 3^3 + 8^1 + 9^2 + 14^0 + 21^2 = 33 + 81 + 92 + 140 + 212 \\
 558 &:= 2^3 + 8^0 + 8^3 + 14^1 + 23^1 = 23 + 80 + 83 + 141 + 231 & 558 &:= 3^3 + 8^3 + 9^1 + 9^1 + 26^0 = 33 + 83 + 91 + 91 + 260 \\
 558 &:= 2^3 + 8^0 + 8^3 + 15^1 + 22^1 = 23 + 80 + 83 + 151 + 221 & 558 &:= 3^3 + 9^1 + 11^2 + 12^0 + 20^2 = 33 + 91 + 112 + 120 + 202 \\
 558 &:= 2^3 + 8^0 + 8^3 + 16^1 + 21^1 = 23 + 80 + 83 + 161 + 211 & 558 &:= 3^5 + 4^0 + 7^0 + 17^2 + 24^1 = 35 + 40 + 70 + 172 + 241 \\
 558 &:= 2^3 + 8^0 + 8^3 + 17^1 + 20^1 = 23 + 80 + 83 + 171 + 201 & 558 &:= 3^5 + 5^0 + 6^0 + 17^2 + 24^1 = 35 + 50 + 60 + 172 + 241 \\
 558 &:= 2^3 + 8^0 + 8^3 + 18^1 + 19^1 = 23 + 80 + 83 + 181 + 191 & 558 &:= 4^0 + 6^3 + 8^2 + 16^2 + 21^1 = 40 + 63 + 82 + 162 + 211 \\
 558 &:= 2^3 + 8^1 + 10^2 + 14^0 + 21^2 = 23 + 81 + 102 + 140 + 212 & 558 &:= 4^1 + 4^4 + 8^1 + 17^2 + 22^0 = 41 + 44 + 81 + 172 + 220 \\
 558 &:= 2^4 + 3^1 + 9^1 + 18^0 + 23^2 = 24 + 31 + 91 + 180 + 232 & 558 &:= 4^1 + 6^3 + 9^2 + 16^2 + 20^0 = 41 + 63 + 92 + 162 + 200 \\
 558 &:= 2^4 + 4^1 + 8^1 + 18^0 + 23^2 = 24 + 41 + 81 + 180 + 232 & 558 &:= 4^2 + 4^2 + 8^3 + 13^1 + 26^0 = 42 + 42 + 83 + 131 + 260 \\
 558 &:= 2^4 + 5^1 + 7^1 + 18^0 + 23^2 = 24 + 51 + 71 + 180 + 232 & 558 &:= 4^2 + 5^3 + 10^0 + 16^1 + 20^2 = 42 + 53 + 100 + 161 + 202 \\
 558 &:= 2^4 + 6^1 + 6^1 + 18^0 + 23^2 = 24 + 61 + 61 + 180 + 232 & 558 &:= 4^2 + 6^2 + 12^2 + 14^0 + 19^2 = 42 + 62 + 122 + 140 + 192 \\
 558 &:= 2^6 + 2^8 + 6^3 + 21^1 + 23^0 = 26 + 28 + 63 + 211 + 230 & 558 &:= 4^2 + 6^2 + 8^2 + 16^0 + 21^2 = 42 + 62 + 82 + 160 + 212 \\
 558 &:= 2^8 + 2^8 + 5^0 + 18^1 + 27^1 = 28 + 28 + 50 + 181 + 271 & 558 &:= 4^3 + 10^0 + 11^1 + 11^2 + 19^2 = 43 + 100 + 111 + 112 + 192 \\
 558 &:= 2^8 + 2^8 + 5^0 + 19^1 + 26^1 = 28 + 28 + 50 + 191 + 261 & 558 &:= 4^3 + 6^2 + 8^0 + 16^1 + 21^2 = 43 + 62 + 80 + 161 + 212 \\
 558 &:= 2^8 + 2^8 + 5^0 + 20^1 + 25^1 = 28 + 28 + 50 + 201 + 251 & 558 &:= 4^3 + 8^0 + 12^1 + 15^2 + 16^2 = 43 + 80 + 121 + 152 + 162 \\
 558 &:= 2^8 + 2^8 + 5^0 + 21^1 + 24^1 = 28 + 28 + 50 + 211 + 241 & 558 &:= 4^3 + 8^1 + 12^0 + 14^2 + 17^2 = 43 + 81 + 120 + 142 + 172 \\
 558 &:= 2^8 + 2^8 + 5^0 + 22^1 + 23^1 = 28 + 28 + 50 + 221 + 231 & 558 &:= 4^3 + 9^2 + 10^0 + 12^1 + 20^2 = 43 + 92 + 100 + 121 + 202 \\
 558 &:= 3^0 + 3^5 + 8^0 + 17^2 + 24^1 = 30 + 35 + 80 + 172 + 241 & 558 &:= 4^4 + 5^1 + 7^1 + 17^2 + 22^0 = 44 + 51 + 71 + 172 + 220 \\
 558 &:= 3^1 + 3^3 + 8^3 + 15^1 + 26^0 = 31 + 33 + 83 + 151 + 260 & 558 &:= 4^4 + 6^1 + 6^1 + 17^2 + 22^0 = 44 + 61 + 61 + 172 + 220 \\
 558 &:= 3^1 + 4^3 + 7^2 + 20^0 + 21^2 = 31 + 43 + 72 + 200 + 212 & 558 &:= 5^2 + 5^3 + 7^1 + 18^0 + 20^2 = 52 + 53 + 71 + 180 + 202 \\
 558 &:= 3^1 + 4^4 + 9^1 + 17^2 + 22^0 = 31 + 44 + 91 + 172 + 220 & 558 &:= 5^2 + 7^3 + 10^0 + 13^2 + 20^1 = 52 + 73 + 100 + 132 + 201
 \end{aligned}$$

$$\begin{aligned}
 558 &:= 5^2 + 8^2 + 12^0 + 12^2 + 18^2 = 52 + 82 + 120 + 122 + 182 \\
 558 &:= 5^3 + 10^0 + 11^1 + 14^2 + 15^2 = 53 + 100 + 111 + 142 + 152 \\
 558 &:= 5^3 + 7^1 + 13^2 + 14^0 + 16^2 = 53 + 71 + 132 + 140 + 162 \\
 558 &:= 5^3 + 7^1 + 8^2 + 16^0 + 19^2 = 53 + 71 + 82 + 160 + 192 \\
 558 &:= 5^3 + 8^1 + 10^2 + 14^0 + 18^2 = 53 + 81 + 102 + 140 + 182 \\
 558 &:= 6^1 + 7^3 + 8^2 + 12^2 + 22^0 = 61 + 73 + 82 + 122 + 220 \\
 558 &:= 6^2 + 10^0 + 10^2 + 14^2 + 15^2 = 62 + 100 + 102 + 142 + 152 \\
 558 &:= 6^2 + 10^0 + 11^2 + 12^2 + 16^2 = 62 + 100 + 112 + 122 + 162 \\
 558 &:= 6^2 + 6^2 + 12^0 + 14^2 + 17^2 = 62 + 62 + 120 + 142 + 172
 \end{aligned}$$

$$\begin{aligned}
 558 &:= 6^2 + 6^3 + 10^0 + 16^1 + 17^2 = 62 + 63 + 100 + 161 + 172 \\
 558 &:= 6^2 + 7^3 + 9^1 + 13^2 + 20^0 = 62 + 73 + 91 + 132 + 200 \\
 558 &:= 6^3 + 8^0 + 10^2 + 15^2 + 16^1 = 63 + 80 + 102 + 152 + 161 \\
 558 &:= 7^2 + 7^3 + 8^0 + 12^2 + 21^1 = 72 + 73 + 80 + 122 + 211 \\
 558 &:= 7^3 + 10^2 + 10^2 + 14^0 + 14^1 = 73 + 102 + 102 + 140 + 141 \\
 558 &:= 7^3 + 9^2 + 11^2 + 12^1 + 16^0 = 73 + 92 + 112 + 121 + 160 \\
 558 &:= 8^0 + 10^2 + 12^2 + 12^2 + 13^2 = 80 + 102 + 122 + 122 + 132
 \end{aligned}$$

2.2.460 Number 559

$$\begin{aligned}
 559 &:= 1^5 + 8^3 + 46^1 = 15 + 83 + 461 \\
 559 &:= 4^4 + 4^4 + 47^1 = 44 + 44 + 471 \\
 559 &:= 1^0 + 1^5 + 8^3 + 45^1 = 10 + 15 + 83 + 451 \\
 559 &:= 1^0 + 4^4 + 4^4 + 46^1 = 10 + 44 + 44 + 461 \\
 559 &:= 1^1 + 1^4 + 8^3 + 45^1 = 11 + 14 + 83 + 451 \\
 559 &:= 1^2 + 1^3 + 8^3 + 45^1 = 12 + 13 + 83 + 451 \\
 559 &:= 1^4 + 2^1 + 8^3 + 44^1 = 14 + 21 + 83 + 441 \\
 559 &:= 1^4 + 3^1 + 8^3 + 43^1 = 14 + 31 + 83 + 431 \\
 559 &:= 1^4 + 4^1 + 8^3 + 42^1 = 14 + 41 + 83 + 421 \\
 559 &:= 1^4 + 5^1 + 8^3 + 41^1 = 14 + 51 + 83 + 411 \\
 559 &:= 1^4 + 6^1 + 8^3 + 40^1 = 14 + 61 + 83 + 401 \\
 559 &:= 1^4 + 7^1 + 8^3 + 39^1 = 14 + 71 + 83 + 391 \\
 559 &:= 1^4 + 7^2 + 22^2 + 25^1 = 14 + 72 + 222 + 251 \\
 559 &:= 1^4 + 8^1 + 8^3 + 38^1 = 14 + 81 + 83 + 381 \\
 559 &:= 1^4 + 8^3 + 10^1 + 36^1 = 14 + 83 + 101 + 361 \\
 559 &:= 1^4 + 8^3 + 11^1 + 35^1 = 14 + 83 + 111 + 351 \\
 559 &:= 1^4 + 8^3 + 12^1 + 34^1 = 14 + 83 + 121 + 341 \\
 559 &:= 1^4 + 8^3 + 13^1 + 33^1 = 14 + 83 + 131 + 331 \\
 559 &:= 1^4 + 8^3 + 14^1 + 32^1 = 14 + 83 + 141 + 321 \\
 559 &:= 1^4 + 8^3 + 15^1 + 31^1 = 14 + 83 + 151 + 311 \\
 559 &:= 1^4 + 8^3 + 16^1 + 30^1 = 14 + 83 + 161 + 301 \\
 559 &:= 1^4 + 8^3 + 17^1 + 29^1 = 14 + 83 + 171 + 291 \\
 559 &:= 1^4 + 8^3 + 18^1 + 28^1 = 14 + 83 + 181 + 281 \\
 559 &:= 1^4 + 8^3 + 19^1 + 27^1 = 14 + 83 + 191 + 271 \\
 559 &:= 1^4 + 8^3 + 20^1 + 26^1 = 14 + 83 + 201 + 261 \\
 559 &:= 1^4 + 8^3 + 21^1 + 25^1 = 14 + 83 + 211 + 251 \\
 559 &:= 1^4 + 8^3 + 22^1 + 24^1 = 14 + 83 + 221 + 241
 \end{aligned}$$

$$\begin{aligned}
 559 &:= 1^4 + 8^3 + 23^1 + 23^1 = 14 + 83 + 231 + 231 \\
 559 &:= 1^4 + 8^3 + 9^1 + 37^1 = 14 + 83 + 91 + 371 \\
 559 &:= 1^5 + 14^2 + 19^2 + 21^0 = 15 + 142 + 192 + 210 \\
 559 &:= 1^6 + 3^0 + 23^2 + 28^1 = 16 + 30 + 232 + 281 \\
 559 &:= 1^9 + 2^9 + 6^0 + 45^1 = 19 + 29 + 60 + 451 \\
 559 &:= 2^4 + 11^2 + 20^2 + 22^1 = 24 + 112 + 202 + 221 \\
 559 &:= 2^5 + 8^3 + 14^1 + 31^0 = 25 + 83 + 141 + 310 \\
 559 &:= 2^6 + 10^1 + 21^0 + 22^2 = 26 + 101 + 210 + 222 \\
 559 &:= 3^2 + 3^4 + 21^2 + 28^1 = 32 + 34 + 212 + 281 \\
 559 &:= 3^3 + 4^3 + 21^2 + 27^1 = 33 + 43 + 212 + 271 \\
 559 &:= 4^2 + 4^4 + 16^2 + 31^1 = 42 + 44 + 162 + 311 \\
 559 &:= 4^4 + 7^2 + 15^2 + 29^1 = 44 + 72 + 152 + 291 \\
 559 &:= 1^0 + 1^4 + 3^3 + 23^2 + 27^0 = 10 + 14 + 33 + 232 + 270 \\
 559 &:= 1^0 + 1^4 + 7^2 + 22^2 + 24^1 = 10 + 14 + 72 + 222 + 241 \\
 559 &:= 1^0 + 1^4 + 8^3 + 18^1 + 27^1 = 10 + 14 + 83 + 181 + 271 \\
 559 &:= 1^0 + 1^4 + 8^3 + 19^1 + 26^1 = 10 + 14 + 83 + 191 + 261 \\
 559 &:= 1^0 + 1^4 + 8^3 + 20^1 + 25^1 = 10 + 14 + 83 + 201 + 251 \\
 559 &:= 1^0 + 1^4 + 8^3 + 21^1 + 24^1 = 10 + 14 + 83 + 211 + 241 \\
 559 &:= 1^0 + 1^4 + 8^3 + 22^1 + 23^1 = 10 + 14 + 83 + 221 + 231 \\
 559 &:= 1^0 + 1^6 + 3^0 + 23^2 + 27^1 = 10 + 16 + 30 + 232 + 271 \\
 559 &:= 1^0 + 2^4 + 11^2 + 20^2 + 21^1 = 10 + 24 + 112 + 202 + 211 \\
 559 &:= 1^0 + 2^6 + 9^1 + 21^0 + 22^2 = 10 + 26 + 91 + 210 + 222 \\
 559 &:= 1^0 + 3^2 + 3^4 + 21^2 + 27^1 = 10 + 32 + 34 + 212 + 271 \\
 559 &:= 1^0 + 3^3 + 4^3 + 21^2 + 26^1 = 10 + 33 + 43 + 212 + 261 \\
 559 &:= 1^1 + 1^3 + 3^3 + 23^2 + 27^0 = 11 + 13 + 33 + 232 + 270 \\
 559 &:= 1^1 + 1^3 + 7^2 + 22^2 + 24^1 = 11 + 13 + 72 + 222 + 241 \\
 559 &:= 1^1 + 1^3 + 8^3 + 18^1 + 27^1 = 11 + 13 + 83 + 181 + 271
 \end{aligned}$$

$559 := 1^1 + 1^3 + 8^3 + 19^1 + 26^1 = 11 + 13 + 83 + 191 + 261$	$559 := 1^3 + 2^1 + 8^3 + 20^1 + 24^1 = 13 + 21 + 83 + 201 + 241$
$559 := 1^1 + 1^3 + 8^3 + 20^1 + 25^1 = 11 + 13 + 83 + 201 + 251$	$559 := 1^3 + 2^1 + 8^3 + 21^1 + 23^1 = 13 + 21 + 83 + 211 + 231$
$559 := 1^1 + 1^3 + 8^3 + 21^1 + 24^1 = 11 + 13 + 83 + 211 + 241$	$559 := 1^3 + 2^1 + 8^3 + 22^1 + 22^1 = 13 + 21 + 83 + 221 + 221$
$559 := 1^1 + 1^3 + 8^3 + 22^1 + 23^1 = 11 + 13 + 83 + 221 + 231$	$559 := 1^3 + 2^3 + 9^0 + 20^1 + 23^2 = 13 + 23 + 90 + 201 + 232$
$559 := 1^1 + 1^5 + 3^0 + 23^2 + 27^1 = 11 + 15 + 30 + 232 + 271$	$559 := 1^3 + 3^1 + 7^2 + 22^1 + 22^2 = 13 + 31 + 72 + 221 + 222$
$559 := 1^1 + 2^3 + 13^2 + 19^2 + 20^1 = 11 + 23 + 132 + 192 + 201$	$559 := 1^3 + 3^1 + 8^3 + 16^1 + 27^1 = 13 + 31 + 83 + 161 + 271$
$559 := 1^1 + 2^4 + 10^2 + 21^0 + 21^2 = 11 + 24 + 102 + 210 + 212$	$559 := 1^3 + 3^1 + 8^3 + 17^1 + 26^1 = 13 + 31 + 83 + 171 + 261$
$559 := 1^1 + 3^3 + 16^2 + 16^2 + 19^1 = 11 + 33 + 162 + 162 + 191$	$559 := 1^3 + 3^1 + 8^3 + 18^1 + 25^1 = 13 + 31 + 83 + 181 + 251$
$559 := 1^1 + 3^5 + 9^0 + 17^2 + 25^1 = 11 + 35 + 90 + 172 + 251$	$559 := 1^3 + 3^1 + 8^3 + 19^1 + 24^1 = 13 + 31 + 83 + 191 + 241$
$559 := 1^1 + 5^3 + 7^2 + 19^2 + 23^1 = 11 + 53 + 72 + 192 + 231$	$559 := 1^3 + 3^1 + 8^3 + 20^1 + 23^1 = 13 + 31 + 83 + 201 + 231$
$559 := 1^2 + 1^2 + 3^3 + 23^2 + 27^0 = 12 + 12 + 33 + 232 + 270$	$559 := 1^3 + 3^1 + 8^3 + 21^1 + 22^1 = 13 + 31 + 83 + 211 + 221$
$559 := 1^2 + 1^2 + 7^2 + 22^2 + 24^1 = 12 + 12 + 72 + 222 + 241$	$559 := 1^3 + 3^2 + 8^2 + 21^0 + 22^2 = 13 + 32 + 82 + 210 + 222$
$559 := 1^2 + 1^2 + 8^3 + 18^1 + 27^1 = 12 + 12 + 83 + 181 + 271$	$559 := 1^3 + 4^1 + 7^2 + 21^1 + 22^2 = 13 + 41 + 72 + 211 + 222$
$559 := 1^2 + 1^2 + 8^3 + 19^1 + 26^1 = 12 + 12 + 83 + 191 + 261$	$559 := 1^3 + 4^1 + 8^3 + 15^1 + 27^1 = 13 + 41 + 83 + 151 + 271$
$559 := 1^2 + 1^2 + 8^3 + 20^1 + 25^1 = 12 + 12 + 83 + 201 + 251$	$559 := 1^3 + 4^1 + 8^3 + 16^1 + 26^1 = 13 + 41 + 83 + 161 + 261$
$559 := 1^2 + 1^2 + 8^3 + 21^1 + 24^1 = 12 + 12 + 83 + 211 + 241$	$559 := 1^3 + 4^1 + 8^3 + 17^1 + 25^1 = 13 + 41 + 83 + 171 + 251$
$559 := 1^2 + 1^2 + 8^3 + 22^1 + 23^1 = 12 + 12 + 83 + 221 + 231$	$559 := 1^3 + 4^1 + 8^3 + 18^1 + 24^1 = 13 + 41 + 83 + 181 + 241$
$559 := 1^2 + 1^4 + 3^0 + 23^2 + 27^1 = 12 + 14 + 30 + 232 + 271$	$559 := 1^3 + 4^1 + 8^3 + 19^1 + 23^1 = 13 + 41 + 83 + 191 + 231$
$559 := 1^2 + 12^2 + 12^2 + 14^1 + 16^2 = 12 + 122 + 122 + 141 + 162$	$559 := 1^3 + 4^1 + 8^3 + 20^1 + 22^1 = 13 + 41 + 83 + 201 + 221$
$559 := 1^2 + 2^3 + 15^2 + 18^2 + 19^0 = 12 + 23 + 152 + 182 + 190$	$559 := 1^3 + 4^1 + 8^3 + 21^1 + 21^1 = 13 + 41 + 83 + 211 + 211$
$559 := 1^2 + 2^4 + 12^1 + 17^0 + 23^2 = 12 + 24 + 121 + 170 + 232$	$559 := 1^3 + 4^2 + 10^2 + 19^0 + 21^2 = 13 + 42 + 102 + 190 + 212$
$559 := 1^2 + 3^2 + 13^2 + 19^1 + 19^2 = 12 + 32 + 132 + 191 + 192$	$559 := 1^3 + 4^3 + 9^1 + 19^0 + 22^2 = 13 + 43 + 91 + 190 + 222$
$559 := 1^2 + 3^2 + 4^3 + 22^2 + 25^0 = 12 + 32 + 43 + 222 + 250$	$559 := 1^3 + 5^1 + 7^2 + 20^1 + 22^2 = 13 + 51 + 72 + 201 + 222$
$559 := 1^2 + 3^3 + 13^2 + 19^0 + 19^2 = 12 + 33 + 132 + 190 + 192$	$559 := 1^3 + 5^1 + 8^3 + 14^1 + 27^1 = 13 + 51 + 83 + 141 + 271$
$559 := 1^2 + 3^3 + 8^3 + 18^1 + 25^0 = 12 + 33 + 83 + 181 + 250$	$559 := 1^3 + 5^1 + 8^3 + 15^1 + 26^1 = 13 + 51 + 83 + 151 + 261$
$559 := 1^2 + 4^2 + 6^2 + 22^1 + 22^2 = 12 + 42 + 62 + 221 + 222$	$559 := 1^3 + 5^1 + 8^3 + 16^1 + 25^1 = 13 + 51 + 83 + 161 + 251$
$559 := 1^2 + 4^2 + 9^2 + 20^1 + 21^2 = 12 + 42 + 92 + 201 + 212$	$559 := 1^3 + 5^1 + 8^3 + 17^1 + 24^1 = 13 + 51 + 83 + 171 + 241$
$559 := 1^2 + 4^3 + 13^2 + 18^2 + 19^0 = 12 + 43 + 132 + 182 + 190$	$559 := 1^3 + 5^1 + 8^3 + 18^1 + 23^1 = 13 + 51 + 83 + 181 + 231$
$559 := 1^2 + 4^4 + 12^1 + 17^2 + 21^0 = 12 + 44 + 121 + 172 + 210$	$559 := 1^3 + 5^1 + 8^3 + 19^1 + 22^1 = 13 + 51 + 83 + 191 + 221$
$559 := 1^2 + 6^2 + 12^2 + 17^1 + 19^2 = 12 + 62 + 122 + 171 + 192$	$559 := 1^3 + 5^1 + 8^3 + 20^1 + 21^1 = 13 + 51 + 83 + 201 + 211$
$559 := 1^2 + 7^2 + 13^2 + 16^1 + 18^2 = 12 + 72 + 132 + 161 + 182$	$559 := 1^3 + 5^2 + 8^3 + 20^1 + 21^0 = 13 + 52 + 83 + 201 + 210$
$559 := 1^2 + 7^2 + 7^2 + 19^1 + 21^2 = 12 + 72 + 72 + 191 + 212$	$559 := 1^3 + 6^1 + 7^2 + 19^1 + 22^2 = 13 + 61 + 72 + 191 + 222$
$559 := 1^2 + 9^2 + 10^2 + 16^1 + 19^2 = 12 + 92 + 102 + 161 + 192$	$559 := 1^3 + 6^1 + 8^3 + 13^1 + 27^1 = 13 + 61 + 83 + 131 + 271$
$559 := 1^3 + 1^3 + 3^0 + 23^2 + 27^1 = 13 + 13 + 30 + 232 + 271$	$559 := 1^3 + 6^1 + 8^3 + 14^1 + 26^1 = 13 + 61 + 83 + 141 + 261$
$559 := 1^3 + 2^1 + 7^2 + 22^2 + 23^1 = 13 + 21 + 72 + 222 + 231$	$559 := 1^3 + 6^1 + 8^3 + 15^1 + 25^1 = 13 + 61 + 83 + 151 + 251$
$559 := 1^3 + 2^1 + 8^3 + 17^1 + 27^1 = 13 + 21 + 83 + 171 + 271$	$559 := 1^3 + 6^1 + 8^3 + 16^1 + 24^1 = 13 + 61 + 83 + 161 + 241$
$559 := 1^3 + 2^1 + 8^3 + 18^1 + 26^1 = 13 + 21 + 83 + 181 + 261$	$559 := 1^3 + 6^1 + 8^3 + 17^1 + 23^1 = 13 + 61 + 83 + 171 + 231$
$559 := 1^3 + 2^1 + 8^3 + 19^1 + 25^1 = 13 + 21 + 83 + 191 + 251$	$559 := 1^3 + 6^1 + 8^3 + 18^1 + 22^1 = 13 + 61 + 83 + 181 + 221$

$$\begin{aligned} 559 &:= 1^3 + 6^1 + 8^3 + 19^1 + 21^1 = 13 + 61 + 83 + 191 + 211 \\ 559 &:= 1^3 + 6^1 + 8^3 + 20^1 + 20^1 = 13 + 61 + 83 + 201 + 201 \\ 559 &:= 1^3 + 6^2 + 11^2 + 17^0 + 20^2 = 13 + 62 + 112 + 170 + 202 \\ 559 &:= 1^3 + 6^3 + 13^0 + 17^1 + 18^2 = 13 + 63 + 130 + 171 + 182 \\ 559 &:= 1^3 + 7^1 + 7^2 + 18^1 + 22^2 = 13 + 71 + 72 + 181 + 222 \\ 559 &:= 1^3 + 7^1 + 8^3 + 12^1 + 27^1 = 13 + 71 + 83 + 121 + 271 \\ 559 &:= 1^3 + 7^1 + 8^3 + 13^1 + 26^1 = 13 + 71 + 83 + 131 + 261 \\ 559 &:= 1^3 + 7^1 + 8^3 + 14^1 + 25^1 = 13 + 71 + 83 + 141 + 251 \\ 559 &:= 1^3 + 7^1 + 8^3 + 15^1 + 24^1 = 13 + 71 + 83 + 151 + 241 \\ 559 &:= 1^3 + 7^1 + 8^3 + 16^1 + 23^1 = 13 + 71 + 83 + 161 + 231 \\ 559 &:= 1^3 + 7^1 + 8^3 + 17^1 + 22^1 = 13 + 71 + 83 + 171 + 221 \\ 559 &:= 1^3 + 7^1 + 8^3 + 18^1 + 21^1 = 13 + 71 + 83 + 181 + 211 \\ 559 &:= 1^3 + 7^1 + 8^3 + 19^1 + 20^1 = 13 + 71 + 83 + 191 + 201 \\ 559 &:= 1^3 + 7^2 + 10^1 + 15^1 + 22^2 = 13 + 72 + 101 + 151 + 222 \\ 559 &:= 1^3 + 7^2 + 11^1 + 14^1 + 22^2 = 13 + 72 + 111 + 141 + 222 \\ 559 &:= 1^3 + 7^2 + 12^1 + 13^1 + 22^2 = 13 + 72 + 121 + 131 + 222 \\ 559 &:= 1^3 + 7^2 + 8^1 + 17^1 + 22^2 = 13 + 72 + 81 + 171 + 222 \\ 559 &:= 1^3 + 7^2 + 9^1 + 16^1 + 22^2 = 13 + 72 + 91 + 161 + 222 \\ 559 &:= 1^3 + 7^3 + 14^2 + 15^0 + 18^1 = 13 + 73 + 142 + 150 + 181 \\ 559 &:= 1^3 + 8^1 + 8^3 + 11^1 + 27^1 = 13 + 81 + 83 + 111 + 271 \\ 559 &:= 1^3 + 8^1 + 8^3 + 12^1 + 26^1 = 13 + 81 + 83 + 121 + 261 \\ 559 &:= 1^3 + 8^1 + 8^3 + 13^1 + 25^1 = 13 + 81 + 83 + 131 + 251 \\ 559 &:= 1^3 + 8^1 + 8^3 + 14^1 + 24^1 = 13 + 81 + 83 + 141 + 241 \\ 559 &:= 1^3 + 8^1 + 8^3 + 15^1 + 23^1 = 13 + 81 + 83 + 151 + 231 \\ 559 &:= 1^3 + 8^1 + 8^3 + 16^1 + 22^1 = 13 + 81 + 83 + 161 + 221 \\ 559 &:= 1^3 + 8^1 + 8^3 + 17^1 + 21^1 = 13 + 81 + 83 + 171 + 211 \\ 559 &:= 1^3 + 8^1 + 8^3 + 18^1 + 20^1 = 13 + 81 + 83 + 181 + 201 \\ 559 &:= 1^3 + 8^1 + 8^3 + 19^1 + 19^1 = 13 + 81 + 83 + 191 + 191 \\ 559 &:= 1^3 + 8^2 + 13^2 + 15^0 + 18^2 = 13 + 82 + 132 + 150 + 182 \\ 559 &:= 1^3 + 8^3 + 10^1 + 10^1 + 26^1 = 13 + 83 + 101 + 101 + 261 \\ 559 &:= 1^3 + 8^3 + 10^1 + 11^1 + 25^1 = 13 + 83 + 101 + 111 + 251 \\ 559 &:= 1^3 + 8^3 + 10^1 + 12^1 + 24^1 = 13 + 83 + 101 + 121 + 241 \\ 559 &:= 1^3 + 8^3 + 10^1 + 13^1 + 23^1 = 13 + 83 + 101 + 131 + 231 \\ 559 &:= 1^3 + 8^3 + 10^1 + 14^1 + 22^1 = 13 + 83 + 101 + 141 + 221 \\ 559 &:= 1^3 + 8^3 + 10^1 + 15^1 + 21^1 = 13 + 83 + 101 + 151 + 211 \\ 559 &:= 1^3 + 8^3 + 10^1 + 16^1 + 20^1 = 13 + 83 + 101 + 161 + 201 \\ 559 &:= 1^3 + 8^3 + 10^1 + 17^1 + 19^1 = 13 + 83 + 101 + 171 + 191 \\ 559 &:= 1^3 + 8^3 + 10^1 + 18^1 + 18^1 = 13 + 83 + 101 + 181 + 181 \end{aligned}$$

$$\begin{aligned} 559 &:= 1^3 + 8^3 + 11^1 + 11^1 + 24^1 = 13 + 83 + 111 + 111 + 241 \\ 559 &:= 1^3 + 8^3 + 11^1 + 12^1 + 23^1 = 13 + 83 + 111 + 121 + 231 \\ 559 &:= 1^3 + 8^3 + 11^1 + 13^1 + 22^1 = 13 + 83 + 111 + 131 + 221 \\ 559 &:= 1^3 + 8^3 + 11^1 + 14^1 + 21^1 = 13 + 83 + 111 + 141 + 211 \\ 559 &:= 1^3 + 8^3 + 11^1 + 15^1 + 20^1 = 13 + 83 + 111 + 151 + 201 \\ 559 &:= 1^3 + 8^3 + 11^1 + 16^1 + 19^1 = 13 + 83 + 111 + 161 + 191 \\ 559 &:= 1^3 + 8^3 + 11^1 + 17^1 + 18^1 = 13 + 83 + 111 + 171 + 181 \\ 559 &:= 1^3 + 8^3 + 12^1 + 12^1 + 22^1 = 13 + 83 + 121 + 121 + 221 \\ 559 &:= 1^3 + 8^3 + 12^1 + 13^1 + 21^1 = 13 + 83 + 121 + 131 + 211 \\ 559 &:= 1^3 + 8^3 + 12^1 + 14^1 + 20^1 = 13 + 83 + 121 + 141 + 201 \\ 559 &:= 1^3 + 8^3 + 12^1 + 15^1 + 19^1 = 13 + 83 + 121 + 151 + 191 \\ 559 &:= 1^3 + 8^3 + 12^1 + 16^1 + 18^1 = 13 + 83 + 121 + 161 + 181 \\ 559 &:= 1^3 + 8^3 + 12^1 + 17^1 + 17^1 = 13 + 83 + 121 + 171 + 171 \\ 559 &:= 1^3 + 8^3 + 13^1 + 13^1 + 20^1 = 13 + 83 + 131 + 131 + 201 \\ 559 &:= 1^3 + 8^3 + 13^1 + 14^1 + 19^1 = 13 + 83 + 131 + 141 + 191 \\ 559 &:= 1^3 + 8^3 + 13^1 + 15^1 + 18^1 = 13 + 83 + 131 + 151 + 181 \\ 559 &:= 1^3 + 8^3 + 13^1 + 16^1 + 17^1 = 13 + 83 + 131 + 161 + 171 \\ 559 &:= 1^3 + 8^3 + 14^1 + 14^1 + 18^1 = 13 + 83 + 141 + 141 + 181 \\ 559 &:= 1^3 + 8^3 + 14^1 + 15^1 + 17^1 = 13 + 83 + 141 + 151 + 171 \\ 559 &:= 1^3 + 8^3 + 14^1 + 16^1 + 16^1 = 13 + 83 + 141 + 161 + 161 \\ 559 &:= 1^3 + 8^3 + 15^1 + 15^1 + 16^1 = 13 + 83 + 151 + 151 + 161 \\ 559 &:= 1^3 + 8^3 + 9^1 + 10^1 + 27^1 = 13 + 83 + 91 + 101 + 271 \\ 559 &:= 1^3 + 8^3 + 9^1 + 11^1 + 26^1 = 13 + 83 + 91 + 111 + 261 \\ 559 &:= 1^3 + 8^3 + 9^1 + 12^1 + 25^1 = 13 + 83 + 91 + 121 + 251 \\ 559 &:= 1^3 + 8^3 + 9^1 + 13^1 + 24^1 = 13 + 83 + 91 + 131 + 241 \\ 559 &:= 1^3 + 8^3 + 9^1 + 14^1 + 23^1 = 13 + 83 + 91 + 141 + 231 \\ 559 &:= 1^3 + 8^3 + 9^1 + 15^1 + 22^1 = 13 + 83 + 91 + 151 + 221 \\ 559 &:= 1^3 + 8^3 + 9^1 + 16^1 + 21^1 = 13 + 83 + 91 + 161 + 211 \\ 559 &:= 1^3 + 8^3 + 9^1 + 17^1 + 20^1 = 13 + 83 + 91 + 171 + 201 \\ 559 &:= 1^3 + 8^3 + 9^1 + 18^1 + 19^1 = 13 + 83 + 91 + 181 + 191 \\ 559 &:= 1^4 + 2^0 + 3^3 + 23^2 + 26^0 = 14 + 20 + 33 + 232 + 260 \\ 559 &:= 1^4 + 2^2 + 5^0 + 23^2 + 24^1 = 14 + 22 + 50 + 232 + 241 \\ 559 &:= 1^4 + 3^0 + 3^3 + 23^2 + 25^0 = 14 + 30 + 33 + 232 + 250 \\ 559 &:= 1^4 + 3^1 + 5^2 + 23^0 + 23^2 = 14 + 31 + 52 + 230 + 232 \\ 559 &:= 1^4 + 3^2 + 9^0 + 19^1 + 23^2 = 14 + 32 + 90 + 191 + 232 \\ 559 &:= 1^4 + 3^3 + 10^0 + 18^0 + 23^2 = 14 + 33 + 100 + 180 + 232 \\ 559 &:= 1^4 + 3^3 + 11^0 + 17^0 + 23^2 = 14 + 33 + 110 + 170 + 232 \\ 559 &:= 1^4 + 3^3 + 12^0 + 16^0 + 23^2 = 14 + 33 + 120 + 160 + 232 \end{aligned}$$

$$\begin{aligned} 559 &:= 1^4 + 3^3 + 13^0 + 15^0 + 23^2 = 14 + 33 + 130 + 150 + 232 & 559 &:= 1^8 + 2^9 + 6^0 + 20^1 + 25^1 = 18 + 29 + 60 + 201 + 251 \\ 559 &:= 1^4 + 3^3 + 14^0 + 14^0 + 23^2 = 14 + 33 + 140 + 140 + 232 & 559 &:= 1^8 + 2^9 + 6^0 + 21^1 + 24^1 = 18 + 29 + 60 + 211 + 241 \\ 559 &:= 1^4 + 3^3 + 4^0 + 23^2 + 24^0 = 14 + 33 + 40 + 232 + 240 & 559 &:= 1^8 + 2^9 + 6^0 + 22^1 + 23^1 = 18 + 29 + 60 + 221 + 231 \\ 559 &:= 1^4 + 3^3 + 5^0 + 23^0 + 23^2 = 14 + 33 + 50 + 230 + 232 & 559 &:= 1^9 + 2^5 + 5^3 + 20^2 + 26^0 = 19 + 25 + 53 + 202 + 260 \\ 559 &:= 1^4 + 3^3 + 6^0 + 22^0 + 23^2 = 14 + 33 + 60 + 220 + 232 & 559 &:= 1^9 + 2^6 + 13^2 + 18^2 + 20^0 = 19 + 26 + 132 + 182 + 200 \\ 559 &:= 1^4 + 3^3 + 7^0 + 21^0 + 23^2 = 14 + 33 + 70 + 210 + 232 & 559 &:= 1^9 + 2^6 + 3^2 + 22^2 + 26^0 = 19 + 26 + 32 + 222 + 260 \\ 559 &:= 1^4 + 3^3 + 8^0 + 20^0 + 23^2 = 14 + 33 + 80 + 200 + 232 & 559 &:= 2^0 + 2^6 + 9^1 + 20^0 + 22^2 = 20 + 26 + 91 + 200 + 222 \\ 559 &:= 1^4 + 3^3 + 9^0 + 19^0 + 23^2 = 14 + 33 + 90 + 190 + 232 & 559 &:= 2^1 + 2^3 + 13^2 + 19^1 + 19^2 = 21 + 23 + 132 + 191 + 192 \\ 559 &:= 1^4 + 4^2 + 12^1 + 15^0 + 23^2 = 14 + 42 + 121 + 150 + 232 & 559 &:= 2^1 + 2^3 + 4^3 + 22^2 + 25^0 = 21 + 23 + 43 + 222 + 250 \\ 559 &:= 1^4 + 7^0 + 10^2 + 16^1 + 21^2 = 14 + 70 + 102 + 161 + 212 & 559 &:= 2^1 + 3^3 + 16^2 + 16^2 + 18^1 = 21 + 33 + 162 + 162 + 181 \\ 559 &:= 1^4 + 8^1 + 13^0 + 15^2 + 18^2 = 14 + 81 + 130 + 152 + 182 & 559 &:= 2^1 + 3^5 + 9^0 + 17^2 + 24^1 = 21 + 35 + 90 + 172 + 241 \\ 559 &:= 1^4 + 8^2 + 9^1 + 15^0 + 22^2 = 14 + 82 + 91 + 150 + 222 & 559 &:= 2^1 + 5^3 + 7^2 + 19^2 + 22^1 = 21 + 53 + 72 + 192 + 221 \\ 559 &:= 1^4 + 9^0 + 12^1 + 16^2 + 17^2 = 14 + 90 + 121 + 162 + 172 & 559 &:= 2^2 + 11^2 + 13^1 + 14^2 + 15^2 = 22 + 112 + 131 + 142 + 152 \\ 559 &:= 1^4 + 9^0 + 12^2 + 13^1 + 20^2 = 14 + 90 + 122 + 131 + 202 & 559 &:= 2^2 + 2^4 + 9^1 + 19^0 + 23^2 = 22 + 24 + 91 + 190 + 232 \\ 559 &:= 1^5 + 1^9 + 3^3 + 23^2 + 26^0 = 15 + 19 + 33 + 232 + 260 & 559 &:= 2^2 + 3^3 + 8^3 + 15^1 + 27^0 = 22 + 33 + 83 + 151 + 270 \\ 559 &:= 1^5 + 2^1 + 3^0 + 23^2 + 26^1 = 15 + 21 + 30 + 232 + 261 & 559 &:= 2^2 + 4^2 + 11^2 + 18^1 + 20^2 = 22 + 42 + 112 + 181 + 202 \\ 559 &:= 1^5 + 3^0 + 10^1 + 18^1 + 23^2 = 15 + 30 + 101 + 181 + 232 & 559 &:= 2^2 + 4^3 + 7^2 + 21^0 + 21^2 = 22 + 43 + 72 + 210 + 212 \\ 559 &:= 1^5 + 3^0 + 11^1 + 17^1 + 23^2 = 15 + 30 + 111 + 171 + 232 & 559 &:= 2^2 + 4^4 + 9^1 + 17^2 + 23^0 = 22 + 44 + 91 + 172 + 230 \\ 559 &:= 1^5 + 3^0 + 12^1 + 16^1 + 23^2 = 15 + 30 + 121 + 161 + 232 & 559 &:= 2^2 + 5^2 + 15^2 + 16^1 + 17^2 = 22 + 52 + 152 + 161 + 172 \\ 559 &:= 1^5 + 3^0 + 13^1 + 15^1 + 23^2 = 15 + 30 + 131 + 151 + 232 & 559 &:= 2^2 + 5^2 + 5^2 + 21^1 + 22^2 = 22 + 52 + 52 + 211 + 222 \\ 559 &:= 1^5 + 3^0 + 14^1 + 14^1 + 23^2 = 15 + 30 + 141 + 141 + 232 & 559 &:= 2^2 + 6^3 + 13^2 + 13^2 + 21^0 = 22 + 63 + 132 + 132 + 210 \\ 559 &:= 1^5 + 3^0 + 3^1 + 23^2 + 25^1 = 15 + 30 + 31 + 232 + 251 & 559 &:= 2^2 + 6^3 + 7^2 + 17^2 + 23^0 = 22 + 63 + 72 + 172 + 230 \\ 559 &:= 1^5 + 3^0 + 4^1 + 23^2 + 24^1 = 15 + 30 + 41 + 232 + 241 & 559 &:= 2^3 + 10^1 + 11^1 + 13^2 + 19^2 = 23 + 101 + 111 + 132 + 192 \\ 559 &:= 1^5 + 3^0 + 5^1 + 23^1 + 23^2 = 15 + 30 + 51 + 231 + 232 & 559 &:= 2^3 + 10^2 + 13^0 + 15^2 + 15^2 = 23 + 102 + 130 + 152 + 152 \\ 559 &:= 1^5 + 3^0 + 6^1 + 22^1 + 23^2 = 15 + 30 + 61 + 221 + 232 & 559 &:= 2^3 + 2^3 + 13^1 + 15^0 + 23^2 = 23 + 23 + 131 + 150 + 232 \\ 559 &:= 1^5 + 3^0 + 7^1 + 21^1 + 23^2 = 15 + 30 + 71 + 211 + 232 & 559 &:= 2^3 + 3^0 + 5^3 + 20^2 + 25^1 = 23 + 30 + 53 + 202 + 251 \\ 559 &:= 1^5 + 3^0 + 8^1 + 20^1 + 23^2 = 15 + 30 + 81 + 201 + 232 & 559 &:= 2^3 + 3^1 + 13^2 + 18^1 + 19^2 = 23 + 31 + 132 + 181 + 192 \\ 559 &:= 1^5 + 3^0 + 9^1 + 19^1 + 23^2 = 15 + 30 + 91 + 191 + 232 & 559 &:= 2^3 + 3^2 + 10^2 + 19^0 + 21^2 = 23 + 32 + 102 + 190 + 212 \\ 559 &:= 1^6 + 1^8 + 3^3 + 23^2 + 26^0 = 16 + 18 + 33 + 232 + 260 & 559 &:= 2^3 + 4^1 + 13^2 + 17^1 + 19^2 = 23 + 41 + 132 + 171 + 192 \\ 559 &:= 1^6 + 2^0 + 2^0 + 23^2 + 27^1 = 16 + 20 + 20 + 232 + 271 & 559 &:= 2^3 + 4^2 + 8^3 + 19^0 + 22^1 = 23 + 42 + 83 + 190 + 221 \\ 559 &:= 1^7 + 1^7 + 3^3 + 23^2 + 26^0 = 17 + 17 + 33 + 232 + 260 & 559 &:= 2^3 + 5^1 + 13^2 + 16^1 + 19^2 = 23 + 51 + 132 + 161 + 192 \\ 559 &:= 1^7 + 1^9 + 2^0 + 23^2 + 27^1 = 17 + 19 + 20 + 232 + 271 & 559 &:= 2^3 + 5^2 + 8^3 + 13^1 + 27^0 = 23 + 52 + 83 + 131 + 270 \\ 559 &:= 1^7 + 2^9 + 5^2 + 20^1 + 26^0 = 17 + 29 + 52 + 201 + 260 & 559 &:= 2^3 + 6^1 + 13^2 + 15^1 + 19^2 = 23 + 61 + 132 + 151 + 192 \\ 559 &:= 1^8 + 1^8 + 2^0 + 23^2 + 27^1 = 18 + 18 + 20 + 232 + 271 & 559 &:= 2^3 + 6^2 + 15^0 + 15^2 + 17^2 = 23 + 62 + 150 + 152 + 172 \\ 559 &:= 1^8 + 1^9 + 1^9 + 23^2 + 27^1 = 18 + 19 + 19 + 232 + 271 & 559 &:= 2^3 + 6^3 + 10^1 + 18^2 + 19^0 = 23 + 63 + 101 + 182 + 190 \\ 559 &:= 1^8 + 2^8 + 12^1 + 17^2 + 22^0 = 18 + 28 + 121 + 172 + 220 & 559 &:= 2^3 + 7^1 + 13^2 + 14^1 + 19^2 = 23 + 71 + 132 + 141 + 192 \\ 559 &:= 1^8 + 2^9 + 6^0 + 18^1 + 27^1 = 18 + 29 + 60 + 181 + 271 & 559 &:= 2^3 + 7^3 + 11^1 + 14^2 + 21^0 = 23 + 73 + 111 + 142 + 210 \\ 559 &:= 1^8 + 2^9 + 6^0 + 19^1 + 26^1 = 18 + 29 + 60 + 191 + 261 & 559 &:= 2^3 + 8^1 + 13^1 + 13^2 + 19^2 = 23 + 81 + 131 + 132 + 192 \end{aligned}$$

$$\begin{aligned} 559 &:= 2^3 + 9^1 + 12^1 + 13^2 + 19^2 = 23 + 91 + 121 + 132 + 192 & 559 &:= 2^6 + 9^0 + 9^1 + 13^0 + 22^2 = 26 + 90 + 91 + 130 + 222 \\ 559 &:= 2^4 + 3^0 + 6^2 + 22^1 + 22^2 = 24 + 30 + 62 + 221 + 222 & 559 &:= 2^6 + 9^1 + 10^0 + 12^0 + 22^2 = 26 + 91 + 100 + 120 + 222 \\ 559 &:= 2^4 + 3^0 + 9^2 + 20^1 + 21^2 = 24 + 30 + 92 + 201 + 212 & 559 &:= 2^6 + 9^1 + 11^0 + 11^0 + 22^2 = 26 + 91 + 110 + 110 + 222 \\ 559 &:= 2^4 + 3^1 + 8^3 + 15^0 + 27^1 = 24 + 31 + 83 + 150 + 271 & 559 &:= 2^8 + 2^8 + 5^2 + 21^1 + 24^0 = 28 + 28 + 52 + 211 + 240 \\ 559 &:= 2^4 + 3^2 + 4^1 + 23^0 + 23^2 = 24 + 32 + 41 + 230 + 232 & 559 &:= 3^0 + 3^3 + 6^3 + 17^2 + 26^1 = 30 + 33 + 63 + 172 + 261 \\ 559 &:= 2^4 + 4^1 + 8^3 + 15^0 + 26^1 = 24 + 41 + 83 + 150 + 261 & 559 &:= 3^0 + 3^4 + 13^2 + 17^2 + 19^1 = 30 + 34 + 132 + 172 + 191 \\ 559 &:= 2^4 + 5^1 + 8^3 + 15^0 + 25^1 = 24 + 51 + 83 + 150 + 251 & 559 &:= 3^0 + 3^5 + 5^2 + 17^2 + 27^0 = 30 + 35 + 52 + 172 + 270 \\ 559 &:= 2^4 + 6^1 + 8^3 + 15^0 + 24^1 = 24 + 61 + 83 + 150 + 241 & 559 &:= 3^0 + 4^4 + 9^2 + 14^2 + 25^1 = 30 + 44 + 92 + 142 + 251 \\ 559 &:= 2^4 + 7^1 + 8^3 + 15^0 + 23^1 = 24 + 71 + 83 + 150 + 231 & 559 &:= 3^1 + 3^3 + 16^2 + 16^2 + 17^1 = 31 + 33 + 162 + 162 + 171 \\ 559 &:= 2^4 + 7^2 + 9^1 + 15^0 + 22^2 = 24 + 72 + 91 + 150 + 222 & 559 &:= 3^1 + 3^5 + 9^0 + 17^2 + 23^1 = 31 + 35 + 90 + 172 + 231 \\ 559 &:= 2^4 + 8^1 + 8^3 + 15^0 + 22^1 = 24 + 81 + 83 + 150 + 221 & 559 &:= 3^1 + 5^3 + 7^2 + 19^2 + 21^1 = 31 + 53 + 72 + 192 + 211 \\ 559 &:= 2^4 + 8^3 + 10^1 + 15^0 + 20^1 = 24 + 83 + 101 + 150 + 201 & 559 &:= 3^2 + 12^1 + 12^2 + 13^2 + 15^2 = 32 + 121 + 122 + 132 + 152 \\ 559 &:= 2^4 + 8^3 + 11^1 + 15^0 + 19^1 = 24 + 83 + 111 + 150 + 191 & 559 &:= 3^2 + 3^2 + 6^2 + 21^1 + 22^2 = 32 + 32 + 62 + 211 + 222 \\ 559 &:= 2^4 + 8^3 + 12^1 + 15^0 + 18^1 = 24 + 83 + 121 + 150 + 181 & 559 &:= 3^2 + 3^2 + 6^3 + 18^2 + 25^0 = 32 + 32 + 63 + 182 + 250 \\ 559 &:= 2^4 + 8^3 + 13^1 + 15^0 + 17^1 = 24 + 83 + 131 + 150 + 171 & 559 &:= 3^2 + 3^2 + 9^2 + 19^1 + 21^2 = 32 + 32 + 92 + 191 + 212 \\ 559 &:= 2^4 + 8^3 + 14^1 + 15^0 + 16^1 = 24 + 83 + 141 + 150 + 161 & 559 &:= 3^2 + 3^3 + 9^2 + 19^0 + 21^2 = 32 + 33 + 92 + 190 + 212 \\ 559 &:= 2^4 + 8^3 + 15^0 + 15^1 + 15^1 = 24 + 83 + 150 + 151 + 151 & 559 &:= 3^2 + 4^1 + 4^4 + 17^2 + 27^0 = 32 + 41 + 44 + 172 + 270 \\ 559 &:= 2^4 + 8^3 + 9^1 + 15^0 + 21^1 = 24 + 83 + 91 + 150 + 211 & 559 &:= 3^2 + 4^3 + 14^2 + 17^0 + 17^2 = 32 + 43 + 142 + 170 + 172 \\ 559 &:= 2^4 + 9^0 + 12^1 + 13^2 + 19^2 = 24 + 90 + 121 + 132 + 192 & 559 &:= 3^2 + 5^3 + 10^2 + 18^2 + 19^0 = 32 + 53 + 102 + 182 + 190 \\ 559 &:= 2^5 + 2^8 + 3^5 + 20^0 + 27^1 = 25 + 28 + 35 + 200 + 271 & 559 &:= 3^3 + 10^1 + 10^1 + 16^2 + 16^2 = 33 + 101 + 101 + 162 + 162 \\ 559 &:= 2^5 + 5^0 + 8^3 + 13^1 + 27^0 = 25 + 50 + 83 + 131 + 270 & 559 &:= 3^3 + 11^2 + 11^2 + 13^0 + 17^2 = 33 + 112 + 112 + 130 + 172 \\ 559 &:= 2^5 + 6^0 + 8^3 + 13^1 + 26^0 = 25 + 60 + 83 + 131 + 260 & 559 &:= 3^3 + 3^3 + 7^0 + 20^1 + 22^2 = 33 + 33 + 70 + 201 + 222 \\ 559 &:= 2^5 + 7^0 + 8^3 + 13^1 + 25^0 = 25 + 70 + 83 + 131 + 250 & 559 &:= 3^3 + 4^1 + 16^1 + 16^2 + 16^2 = 33 + 41 + 161 + 162 + 162 \\ 559 &:= 2^5 + 8^0 + 8^3 + 13^1 + 24^0 = 25 + 80 + 83 + 131 + 240 & 559 &:= 3^3 + 5^1 + 15^1 + 16^2 + 16^2 = 33 + 51 + 151 + 162 + 162 \\ 559 &:= 2^5 + 8^3 + 10^0 + 13^1 + 22^0 = 25 + 83 + 100 + 131 + 220 & 559 &:= 3^3 + 5^3 + 6^1 + 20^2 + 21^0 = 33 + 53 + 61 + 202 + 210 \\ 559 &:= 2^5 + 8^3 + 11^0 + 13^1 + 21^0 = 25 + 83 + 110 + 131 + 210 & 559 &:= 3^3 + 6^1 + 14^1 + 16^2 + 16^2 = 33 + 61 + 141 + 162 + 162 \\ 559 &:= 2^5 + 8^3 + 12^0 + 13^1 + 20^0 = 25 + 83 + 120 + 131 + 200 & 559 &:= 3^3 + 7^1 + 13^1 + 16^2 + 16^2 = 33 + 71 + 131 + 162 + 162 \\ 559 &:= 2^5 + 8^3 + 13^0 + 13^1 + 19^0 = 25 + 83 + 130 + 131 + 190 & 559 &:= 3^3 + 7^2 + 11^2 + 15^0 + 19^2 = 33 + 72 + 112 + 150 + 192 \\ 559 &:= 2^5 + 8^3 + 13^1 + 14^0 + 18^0 = 25 + 83 + 131 + 140 + 180 & 559 &:= 3^3 + 7^3 + 13^0 + 13^2 + 19^1 = 33 + 73 + 130 + 132 + 191 \\ 559 &:= 2^5 + 8^3 + 13^1 + 15^0 + 17^0 = 25 + 83 + 131 + 150 + 170 & 559 &:= 3^3 + 8^1 + 12^1 + 16^2 + 16^2 = 33 + 81 + 121 + 162 + 162 \\ 559 &:= 2^5 + 8^3 + 13^1 + 16^0 + 16^0 = 25 + 83 + 131 + 160 + 160 & 559 &:= 3^3 + 9^1 + 11^1 + 16^2 + 16^2 = 33 + 91 + 111 + 162 + 162 \\ 559 &:= 2^5 + 8^3 + 9^0 + 13^1 + 23^0 = 25 + 83 + 90 + 131 + 230 & 559 &:= 3^3 + 9^2 + 13^0 + 15^2 + 15^2 = 33 + 92 + 130 + 152 + 152 \\ 559 &:= 2^6 + 3^0 + 9^1 + 19^0 + 22^2 = 26 + 30 + 91 + 190 + 222 & 559 &:= 3^4 + 4^2 + 7^0 + 20^1 + 21^2 = 34 + 42 + 70 + 201 + 212 \\ 559 &:= 2^6 + 4^0 + 9^1 + 18^0 + 22^2 = 26 + 40 + 91 + 180 + 222 & 559 &:= 3^4 + 5^2 + 11^1 + 15^0 + 21^2 = 34 + 52 + 111 + 150 + 212 \\ 559 &:= 2^6 + 5^0 + 9^1 + 17^0 + 22^2 = 26 + 50 + 91 + 170 + 222 & 559 &:= 3^4 + 7^0 + 10^2 + 16^1 + 19^2 = 34 + 70 + 102 + 161 + 192 \\ 559 &:= 2^6 + 6^0 + 9^1 + 16^0 + 22^2 = 26 + 60 + 91 + 160 + 222 & 559 &:= 3^4 + 8^2 + 11^0 + 13^1 + 20^2 = 34 + 82 + 110 + 131 + 202 \\ 559 &:= 2^6 + 7^0 + 9^1 + 15^0 + 22^2 = 26 + 70 + 91 + 150 + 222 & 559 &:= 3^4 + 9^1 + 12^2 + 13^0 + 18^2 = 34 + 91 + 122 + 130 + 182 \\ 559 &:= 2^6 + 8^0 + 9^1 + 14^0 + 22^2 = 26 + 80 + 91 + 140 + 222 & 559 &:= 3^5 + 4^0 + 5^2 + 17^2 + 26^0 = 35 + 40 + 52 + 172 + 260 \end{aligned}$$

$$\begin{aligned}
 559 &:= 3^5 + 4^1 + 9^0 + 17^2 + 22^1 = 35 + 41 + 90 + 172 + 221 & 559 &:= 4^2 + 7^3 + 9^1 + 13^2 + 22^1 = 42 + 73 + 91 + 132 + 221 \\
 559 &:= 3^5 + 5^0 + 5^2 + 17^2 + 25^0 = 35 + 50 + 52 + 172 + 250 & 559 &:= 4^2 + 8^2 + 8^2 + 15^1 + 20^2 = 42 + 82 + 82 + 151 + 202 \\
 559 &:= 3^5 + 5^1 + 9^0 + 17^2 + 21^1 = 35 + 51 + 90 + 172 + 211 & 559 &:= 4^2 + 9^2 + 12^1 + 15^2 + 15^2 = 42 + 92 + 121 + 152 + 152 \\
 559 &:= 3^5 + 5^2 + 10^0 + 17^2 + 20^0 = 35 + 52 + 100 + 172 + 200 & 559 &:= 4^3 + 10^2 + 13^0 + 13^2 + 15^2 = 43 + 102 + 130 + 132 + 152 \\
 559 &:= 3^5 + 5^2 + 11^0 + 17^2 + 19^0 = 35 + 52 + 110 + 172 + 190 & 559 &:= 4^3 + 5^3 + 8^1 + 19^0 + 19^2 = 43 + 53 + 81 + 190 + 192 \\
 559 &:= 3^5 + 5^2 + 12^0 + 17^2 + 18^0 = 35 + 52 + 120 + 172 + 180 & 559 &:= 4^3 + 6^2 + 13^2 + 15^0 + 17^2 = 43 + 62 + 132 + 150 + 172 \\
 559 &:= 3^5 + 5^2 + 13^0 + 17^0 + 17^2 = 35 + 52 + 130 + 170 + 172 & 559 &:= 4^3 + 6^3 + 7^0 + 16^2 + 22^1 = 43 + 63 + 70 + 162 + 221 \\
 559 &:= 3^5 + 5^2 + 14^0 + 16^0 + 17^2 = 35 + 52 + 140 + 160 + 172 & 559 &:= 4^3 + 7^1 + 7^3 + 12^2 + 25^0 = 43 + 71 + 73 + 122 + 250 \\
 559 &:= 3^5 + 5^2 + 15^0 + 15^0 + 17^2 = 35 + 52 + 150 + 150 + 172 & 559 &:= 4^3 + 7^2 + 11^2 + 15^0 + 18^2 = 43 + 72 + 112 + 150 + 182 \\
 559 &:= 3^5 + 5^2 + 6^0 + 17^2 + 24^0 = 35 + 52 + 60 + 172 + 240 & 559 &:= 4^4 + 11^2 + 12^1 + 13^2 + 15^0 = 44 + 112 + 121 + 132 + 150 \\
 559 &:= 3^5 + 5^2 + 7^0 + 17^2 + 23^0 = 35 + 52 + 70 + 172 + 230 & 559 &:= 4^4 + 12^2 + 12^2 + 13^0 + 14^1 = 44 + 122 + 122 + 130 + 141 \\
 559 &:= 3^5 + 5^2 + 8^0 + 17^2 + 22^0 = 35 + 52 + 80 + 172 + 220 & 559 &:= 4^4 + 5^2 + 9^0 + 16^2 + 21^1 = 44 + 52 + 90 + 162 + 211 \\
 559 &:= 3^5 + 5^2 + 9^0 + 17^2 + 21^0 = 35 + 52 + 90 + 172 + 210 & 559 &:= 4^4 + 6^1 + 10^2 + 14^2 + 21^0 = 44 + 61 + 102 + 142 + 210 \\
 559 &:= 3^5 + 6^1 + 9^0 + 17^2 + 20^1 = 35 + 61 + 90 + 172 + 201 & 559 &:= 4^4 + 6^2 + 10^1 + 16^2 + 19^0 = 44 + 62 + 101 + 162 + 190 \\
 559 &:= 3^5 + 7^1 + 9^0 + 17^2 + 19^1 = 35 + 71 + 90 + 172 + 191 & 559 &:= 4^4 + 8^2 + 13^1 + 15^0 + 15^2 = 44 + 82 + 131 + 150 + 152 \\
 559 &:= 3^5 + 8^1 + 9^0 + 17^2 + 18^1 = 35 + 81 + 90 + 172 + 181 & 559 &:= 5^1 + 5^3 + 7^2 + 19^1 + 19^2 = 51 + 53 + 72 + 191 + 192 \\
 559 &:= 3^5 + 9^0 + 10^1 + 16^1 + 17^2 = 35 + 90 + 101 + 161 + 172 & 559 &:= 5^1 + 6^3 + 6^3 + 11^2 + 27^0 = 51 + 63 + 63 + 112 + 270 \\
 559 &:= 3^5 + 9^0 + 11^1 + 15^1 + 17^2 = 35 + 90 + 111 + 151 + 172 & 559 &:= 5^2 + 6^2 + 13^1 + 14^2 + 17^2 = 52 + 62 + 131 + 142 + 172 \\
 559 &:= 3^5 + 9^0 + 12^1 + 14^1 + 17^2 = 35 + 90 + 121 + 141 + 172 & 559 &:= 5^2 + 6^3 + 11^2 + 14^2 + 19^0 = 52 + 63 + 112 + 142 + 190 \\
 559 &:= 3^5 + 9^0 + 13^1 + 13^1 + 17^2 = 35 + 90 + 131 + 131 + 172 & 559 &:= 5^2 + 8^2 + 12^1 + 13^2 + 17^2 = 52 + 82 + 121 + 132 + 172 \\
 559 &:= 3^5 + 9^0 + 9^1 + 17^1 + 17^2 = 35 + 90 + 91 + 171 + 172 & 559 &:= 5^3 + 5^3 + 9^0 + 17^2 + 19^1 = 53 + 53 + 90 + 172 + 191 \\
 559 &:= 4^1 + 4^2 + 7^3 + 13^2 + 27^1 = 41 + 42 + 73 + 132 + 271 & 559 &:= 5^3 + 6^1 + 7^2 + 18^1 + 19^2 = 53 + 61 + 72 + 181 + 192 \\
 559 &:= 4^1 + 5^3 + 7^2 + 19^2 + 20^1 = 41 + 53 + 72 + 192 + 201 & 559 &:= 5^3 + 6^2 + 6^2 + 19^0 + 19^2 = 53 + 62 + 62 + 190 + 192 \\
 559 &:= 4^2 + 11^2 + 11^2 + 12^1 + 17^2 = 42 + 112 + 112 + 121 + 172 & 559 &:= 5^3 + 6^3 + 6^3 + 11^0 + 27^0 = 53 + 63 + 63 + 110 + 270 \\
 559 &:= 4^2 + 4^2 + 15^1 + 16^2 + 16^2 = 42 + 42 + 151 + 162 + 162 & 559 &:= 5^3 + 6^3 + 6^3 + 12^0 + 26^0 = 53 + 63 + 63 + 120 + 260 \\
 559 &:= 4^2 + 5^1 + 7^3 + 13^2 + 26^1 = 42 + 51 + 73 + 132 + 261 & 559 &:= 5^3 + 6^3 + 6^3 + 13^0 + 25^0 = 53 + 63 + 63 + 130 + 250 \\
 559 &:= 4^2 + 6^1 + 7^3 + 13^2 + 25^1 = 42 + 61 + 73 + 132 + 251 & 559 &:= 5^3 + 6^3 + 6^3 + 14^0 + 24^0 = 53 + 63 + 63 + 140 + 240 \\
 559 &:= 4^2 + 6^2 + 13^2 + 14^1 + 18^2 = 42 + 62 + 132 + 141 + 182 & 559 &:= 5^3 + 6^3 + 6^3 + 15^0 + 23^0 = 53 + 63 + 63 + 150 + 230 \\
 559 &:= 4^2 + 6^2 + 7^2 + 17^1 + 21^2 = 42 + 62 + 72 + 171 + 212 & 559 &:= 5^3 + 6^3 + 6^3 + 16^0 + 22^0 = 53 + 63 + 63 + 160 + 220 \\
 559 &:= 4^2 + 7^1 + 7^3 + 13^2 + 24^1 = 42 + 71 + 73 + 132 + 241 & 559 &:= 5^3 + 6^3 + 6^3 + 17^0 + 21^0 = 53 + 63 + 63 + 170 + 210 \\
 559 &:= 4^2 + 7^2 + 13^1 + 15^2 + 16^2 = 42 + 72 + 131 + 152 + 162 & 559 &:= 5^3 + 6^3 + 6^3 + 18^0 + 20^0 = 53 + 63 + 63 + 180 + 200 \\
 559 &:= 4^2 + 7^3 + 10^1 + 13^2 + 21^1 = 42 + 73 + 101 + 132 + 211 & 559 &:= 5^3 + 6^3 + 6^3 + 19^0 + 19^0 = 53 + 63 + 63 + 190 + 190 \\
 559 &:= 4^2 + 7^3 + 11^1 + 13^2 + 20^1 = 42 + 73 + 111 + 132 + 201 & 559 &:= 5^3 + 6^3 + 9^0 + 14^2 + 21^1 = 53 + 63 + 90 + 142 + 211 \\
 559 &:= 4^2 + 7^3 + 12^1 + 13^2 + 19^1 = 42 + 73 + 121 + 132 + 191 & 559 &:= 5^3 + 7^1 + 7^2 + 17^1 + 19^2 = 53 + 71 + 72 + 171 + 192 \\
 559 &:= 4^2 + 7^3 + 13^1 + 13^2 + 18^1 = 42 + 73 + 131 + 132 + 181 & 559 &:= 5^3 + 7^2 + 10^1 + 14^1 + 19^2 = 53 + 72 + 101 + 141 + 192 \\
 559 &:= 4^2 + 7^3 + 13^2 + 14^1 + 17^1 = 42 + 73 + 132 + 141 + 171 & 559 &:= 5^3 + 7^2 + 11^1 + 13^1 + 19^2 = 53 + 72 + 111 + 131 + 192 \\
 559 &:= 4^2 + 7^3 + 13^2 + 15^1 + 16^1 = 42 + 73 + 132 + 151 + 161 & 559 &:= 5^3 + 7^2 + 12^1 + 12^1 + 19^2 = 53 + 72 + 121 + 121 + 192 \\
 559 &:= 4^2 + 7^3 + 8^1 + 13^2 + 23^1 = 42 + 73 + 81 + 132 + 231 & 559 &:= 5^3 + 7^2 + 8^1 + 16^1 + 19^2 = 53 + 72 + 81 + 161 + 192
 \end{aligned}$$

$$\begin{aligned}
 559 &:= 5^3 + 7^2 + 9^1 + 15^1 + 19^2 = 53 + 72 + 91 + 151 + 192 \\
 559 &:= 5^3 + 7^3 + 8^2 + 9^0 + 26^1 = 53 + 73 + 82 + 90 + 261 \\
 559 &:= 5^3 + 7^3 + 9^1 + 9^2 + 25^0 = 53 + 73 + 91 + 92 + 250 \\
 559 &:= 5^3 + 8^2 + 12^2 + 15^0 + 15^2 = 53 + 82 + 122 + 150 + 152 \\
 559 &:= 6^2 + 10^1 + 11^2 + 14^2 + 14^2 = 62 + 101 + 112 + 142 + 142 \\
 559 &:= 6^2 + 10^1 + 12^2 + 12^2 + 15^2 = 62 + 101 + 122 + 122 + 152 \\
 559 &:= 6^2 + 6^3 + 9^2 + 15^2 + 19^0 = 62 + 63 + 92 + 152 + 190 \\
 559 &:= 6^2 + 7^2 + 10^2 + 13^1 + 19^2 = 62 + 72 + 102 + 131 + 192
 \end{aligned}$$

$$\begin{aligned}
 559 &:= 6^3 + 10^2 + 11^2 + 11^2 + 17^0 = 63 + 102 + 112 + 112 + 170 \\
 559 &:= 6^3 + 6^3 + 7^0 + 10^2 + 26^1 = 63 + 63 + 70 + 102 + 261 \\
 559 &:= 7^2 + 10^1 + 10^2 + 12^2 + 16^2 = 72 + 101 + 102 + 122 + 162 \\
 559 &:= 7^2 + 7^2 + 11^1 + 15^2 + 15^2 = 72 + 72 + 111 + 152 + 152 \\
 559 &:= 8^2 + 8^2 + 10^1 + 14^2 + 15^2 = 82 + 82 + 101 + 142 + 152 \\
 559 &:= 8^2 + 9^1 + 11^2 + 13^2 + 14^2 = 82 + 91 + 112 + 132 + 142 \\
 559 &:= 9^1 + 9^2 + 10^2 + 12^2 + 15^2 = 91 + 92 + 102 + 122 + 152
 \end{aligned}$$

2.2.461 Number 560

$$\begin{aligned}
 560 &:= 2^9 + 6^0 + 47^1 = 29 + 60 + 471 \\
 560 &:= 1^0 + 2^9 + 6^0 + 46^1 = 10 + 29 + 60 + 461 \\
 560 &:= 1^7 + 2^0 + 23^2 + 29^1 = 17 + 20 + 232 + 291 \\
 560 &:= 1^7 + 2^8 + 4^4 + 47^1 = 17 + 28 + 44 + 471 \\
 560 &:= 1^8 + 1^9 + 23^2 + 29^1 = 18 + 19 + 232 + 291 \\
 560 &:= 2^0 + 2^7 + 20^2 + 31^1 = 20 + 27 + 202 + 311 \\
 560 &:= 2^0 + 2^9 + 5^0 + 46^1 = 20 + 29 + 50 + 461 \\
 560 &:= 2^9 + 3^0 + 4^0 + 46^1 = 29 + 30 + 40 + 461 \\
 560 &:= 3^3 + 3^5 + 17^2 + 32^0 = 33 + 35 + 172 + 320 \\
 560 &:= 3^5 + 6^3 + 10^2 + 36^0 = 35 + 63 + 102 + 360 \\
 560 &:= 1^0 + 1^6 + 14^2 + 19^2 + 20^0 = 10 + 16 + 142 + 192 + 200 \\
 560 &:= 1^1 + 1^5 + 14^2 + 19^2 + 20^0 = 11 + 15 + 142 + 192 + 200 \\
 560 &:= 1^1 + 2^6 + 10^1 + 20^0 + 22^2 = 11 + 26 + 101 + 200 + 222 \\
 560 &:= 1^2 + 1^4 + 14^2 + 19^2 + 20^0 = 12 + 14 + 142 + 192 + 200 \\
 560 &:= 1^2 + 3^4 + 6^2 + 21^2 + 24^0 = 12 + 34 + 62 + 212 + 240 \\
 560 &:= 1^2 + 3^5 + 8^0 + 17^2 + 26^1 = 12 + 35 + 80 + 172 + 261 \\
 560 &:= 1^3 + 1^3 + 14^2 + 19^2 + 20^0 = 13 + 13 + 142 + 192 + 200 \\
 560 &:= 1^3 + 2^4 + 13^1 + 16^0 + 23^2 = 13 + 24 + 131 + 160 + 232 \\
 560 &:= 1^3 + 3^3 + 8^3 + 19^1 + 24^0 = 13 + 33 + 83 + 191 + 240 \\
 560 &:= 1^3 + 4^4 + 13^1 + 17^2 + 20^0 = 13 + 44 + 131 + 172 + 200 \\
 560 &:= 1^3 + 5^3 + 12^2 + 17^2 + 20^0 = 13 + 53 + 122 + 172 + 200 \\
 560 &:= 1^4 + 10^2 + 13^2 + 14^0 + 17^2 = 14 + 102 + 132 + 140 + 172 \\
 560 &:= 1^4 + 2^1 + 3^3 + 23^2 + 26^0 = 14 + 21 + 33 + 232 + 260 \\
 560 &:= 1^4 + 2^2 + 5^2 + 23^2 + 24^0 = 14 + 22 + 52 + 232 + 240 \\
 560 &:= 1^4 + 2^3 + 8^0 + 21^1 + 23^2 = 14 + 23 + 80 + 211 + 232 \\
 560 &:= 1^4 + 3^2 + 15^2 + 18^0 + 18^2 = 14 + 32 + 152 + 180 + 182 \\
 560 &:= 1^4 + 4^3 + 10^1 + 18^0 + 22^2 = 14 + 43 + 101 + 180 + 222
 \end{aligned}$$

$$\begin{aligned}
 560 &:= 1^4 + 5^2 + 7^2 + 20^0 + 22^2 = 14 + 52 + 72 + 200 + 222 \\
 560 &:= 1^4 + 5^2 + 8^3 + 20^0 + 21^1 = 14 + 52 + 83 + 200 + 211 \\
 560 &:= 1^4 + 6^2 + 9^2 + 18^0 + 21^2 = 14 + 62 + 92 + 180 + 212 \\
 560 &:= 1^4 + 6^3 + 12^0 + 18^1 + 18^2 = 14 + 63 + 120 + 181 + 182 \\
 560 &:= 1^4 + 7^3 + 14^0 + 14^2 + 19^1 = 14 + 73 + 140 + 142 + 191 \\
 560 &:= 1^5 + 2^2 + 4^0 + 23^2 + 25^1 = 15 + 22 + 40 + 232 + 251 \\
 560 &:= 1^5 + 3^2 + 8^0 + 20^1 + 23^2 = 15 + 32 + 80 + 201 + 232 \\
 560 &:= 1^5 + 4^1 + 5^2 + 22^0 + 23^2 = 15 + 41 + 52 + 220 + 232 \\
 560 &:= 1^5 + 4^2 + 13^1 + 14^0 + 23^2 = 15 + 42 + 131 + 140 + 232 \\
 560 &:= 1^5 + 6^0 + 10^2 + 17^1 + 21^2 = 15 + 60 + 102 + 171 + 212 \\
 560 &:= 1^5 + 8^0 + 12^2 + 14^1 + 20^2 = 15 + 80 + 122 + 141 + 202 \\
 560 &:= 1^5 + 8^0 + 13^1 + 16^2 + 17^2 = 15 + 80 + 131 + 162 + 172 \\
 560 &:= 1^5 + 8^2 + 10^1 + 14^0 + 22^2 = 15 + 82 + 101 + 140 + 222 \\
 560 &:= 1^5 + 9^1 + 12^0 + 15^2 + 18^2 = 15 + 91 + 120 + 152 + 182 \\
 560 &:= 1^6 + 10^0 + 11^0 + 14^2 + 19^2 = 16 + 100 + 110 + 142 + 192 \\
 560 &:= 1^6 + 2^0 + 10^1 + 19^1 + 23^2 = 16 + 20 + 101 + 191 + 232 \\
 560 &:= 1^6 + 2^0 + 11^1 + 18^1 + 23^2 = 16 + 20 + 111 + 181 + 232 \\
 560 &:= 1^6 + 2^0 + 12^1 + 17^1 + 23^2 = 16 + 20 + 121 + 171 + 232 \\
 560 &:= 1^6 + 2^0 + 13^1 + 16^1 + 23^2 = 16 + 20 + 131 + 161 + 232 \\
 560 &:= 1^6 + 2^0 + 14^1 + 15^1 + 23^2 = 16 + 20 + 141 + 151 + 232 \\
 560 &:= 1^6 + 2^0 + 14^2 + 19^0 + 19^2 = 16 + 20 + 142 + 190 + 192 \\
 560 &:= 1^6 + 2^0 + 2^1 + 23^2 + 27^1 = 16 + 20 + 21 + 232 + 271 \\
 560 &:= 1^6 + 2^0 + 3^1 + 23^2 + 26^1 = 16 + 20 + 31 + 232 + 261 \\
 560 &:= 1^6 + 2^0 + 4^1 + 23^2 + 25^1 = 16 + 20 + 41 + 232 + 251 \\
 560 &:= 1^6 + 2^0 + 5^1 + 23^2 + 24^1 = 16 + 20 + 51 + 232 + 241 \\
 560 &:= 1^6 + 2^0 + 6^1 + 23^1 + 23^2 = 16 + 20 + 61 + 231 + 232 \\
 560 &:= 1^6 + 2^0 + 7^1 + 22^1 + 23^2 = 16 + 20 + 71 + 221 + 232
 \end{aligned}$$

$$\begin{aligned} 560 &:= 1^6 + 2^0 + 8^1 + 21^1 + 23^2 = 16 + 20 + 81 + 211 + 232 & 560 &:= 1^8 + 1^8 + 7^1 + 22^1 + 23^2 = 18 + 18 + 71 + 221 + 232 \\ 560 &:= 1^6 + 2^0 + 9^1 + 20^1 + 23^2 = 16 + 20 + 91 + 201 + 232 & 560 &:= 1^8 + 1^8 + 8^1 + 21^1 + 23^2 = 18 + 18 + 81 + 211 + 232 \\ 560 &:= 1^6 + 2^8 + 4^4 + 20^1 + 27^1 = 16 + 28 + 44 + 201 + 271 & 560 &:= 1^8 + 1^8 + 9^1 + 20^1 + 23^2 = 18 + 18 + 91 + 201 + 232 \\ 560 &:= 1^6 + 2^8 + 4^4 + 21^1 + 26^1 = 16 + 28 + 44 + 211 + 261 & 560 &:= 1^8 + 2^4 + 2^5 + 22^2 + 27^1 = 18 + 24 + 25 + 222 + 271 \\ 560 &:= 1^6 + 2^8 + 4^4 + 22^1 + 25^1 = 16 + 28 + 44 + 221 + 251 & 560 &:= 1^8 + 2^6 + 3^3 + 21^2 + 27^1 = 18 + 26 + 33 + 212 + 271 \\ 560 &:= 1^6 + 2^8 + 4^4 + 23^1 + 24^1 = 16 + 28 + 44 + 231 + 241 & 560 &:= 1^8 + 2^9 + 5^2 + 21^1 + 25^0 = 18 + 29 + 52 + 211 + 250 \\ 560 &:= 1^6 + 3^0 + 14^2 + 18^0 + 19^2 = 16 + 30 + 142 + 180 + 192 & 560 &:= 1^9 + 2^7 + 10^1 + 20^2 + 21^1 = 19 + 27 + 101 + 202 + 211 \\ 560 &:= 1^6 + 4^0 + 14^2 + 17^0 + 19^2 = 16 + 40 + 142 + 170 + 192 & 560 &:= 1^9 + 2^7 + 11^1 + 20^1 + 20^2 = 19 + 27 + 111 + 201 + 202 \\ 560 &:= 1^6 + 5^0 + 14^2 + 16^0 + 19^2 = 16 + 50 + 142 + 160 + 192 & 560 &:= 1^9 + 2^7 + 12^1 + 19^1 + 20^2 = 19 + 27 + 121 + 191 + 202 \\ 560 &:= 1^6 + 6^0 + 14^2 + 15^0 + 19^2 = 16 + 60 + 142 + 150 + 192 & 560 &:= 1^9 + 2^7 + 13^1 + 18^1 + 20^2 = 19 + 27 + 131 + 181 + 202 \\ 560 &:= 1^6 + 7^0 + 14^0 + 14^2 + 19^2 = 16 + 70 + 140 + 142 + 192 & 560 &:= 1^9 + 2^7 + 14^1 + 17^1 + 20^2 = 19 + 27 + 141 + 171 + 202 \\ 560 &:= 1^6 + 8^0 + 13^0 + 14^2 + 19^2 = 16 + 80 + 130 + 142 + 192 & 560 &:= 1^9 + 2^7 + 15^1 + 16^1 + 20^2 = 19 + 27 + 151 + 161 + 202 \\ 560 &:= 1^6 + 9^0 + 12^0 + 14^2 + 19^2 = 16 + 90 + 120 + 142 + 192 & 560 &:= 1^9 + 2^7 + 4^1 + 20^2 + 27^1 = 19 + 27 + 41 + 202 + 271 \\ 560 &:= 1^7 + 1^9 + 10^1 + 19^1 + 23^2 = 17 + 19 + 101 + 191 + 232 & 560 &:= 1^9 + 2^7 + 5^1 + 20^2 + 26^1 = 19 + 27 + 51 + 202 + 261 \\ 560 &:= 1^7 + 1^9 + 11^1 + 18^1 + 23^2 = 17 + 19 + 111 + 181 + 232 & 560 &:= 1^9 + 2^7 + 6^1 + 20^2 + 25^1 = 19 + 27 + 61 + 202 + 251 \\ 560 &:= 1^7 + 1^9 + 12^1 + 17^1 + 23^2 = 17 + 19 + 121 + 171 + 232 & 560 &:= 1^9 + 2^7 + 7^1 + 20^2 + 24^1 = 19 + 27 + 71 + 202 + 241 \\ 560 &:= 1^7 + 1^9 + 13^1 + 16^1 + 23^2 = 17 + 19 + 131 + 161 + 232 & 560 &:= 1^9 + 2^7 + 8^1 + 20^2 + 23^1 = 19 + 27 + 81 + 202 + 231 \\ 560 &:= 1^7 + 1^9 + 14^1 + 15^1 + 23^2 = 17 + 19 + 141 + 151 + 232 & 560 &:= 1^9 + 2^7 + 9^1 + 20^2 + 22^1 = 19 + 27 + 91 + 202 + 221 \\ 560 &:= 1^7 + 1^9 + 14^2 + 19^0 + 19^2 = 17 + 19 + 142 + 190 + 192 & 560 &:= 1^9 + 2^8 + 13^1 + 17^2 + 21^0 = 19 + 28 + 131 + 172 + 210 \\ 560 &:= 1^7 + 1^9 + 2^1 + 23^2 + 27^1 = 17 + 19 + 21 + 232 + 271 & 560 &:= 1^9 + 2^9 + 5^0 + 19^1 + 27^1 = 19 + 29 + 50 + 191 + 271 \\ 560 &:= 1^7 + 1^9 + 3^1 + 23^2 + 26^1 = 17 + 19 + 31 + 232 + 261 & 560 &:= 1^9 + 2^9 + 5^0 + 20^1 + 26^1 = 19 + 29 + 50 + 201 + 261 \\ 560 &:= 1^7 + 1^9 + 4^1 + 23^2 + 25^1 = 17 + 19 + 41 + 232 + 251 & 560 &:= 1^9 + 2^9 + 5^0 + 21^1 + 25^1 = 19 + 29 + 50 + 211 + 251 \\ 560 &:= 1^7 + 1^9 + 5^1 + 23^2 + 24^1 = 17 + 19 + 51 + 232 + 241 & 560 &:= 1^9 + 2^9 + 5^0 + 22^1 + 24^1 = 19 + 29 + 50 + 221 + 241 \\ 560 &:= 1^7 + 1^9 + 6^1 + 23^1 + 23^2 = 17 + 19 + 61 + 231 + 232 & 560 &:= 1^9 + 2^9 + 5^0 + 23^1 + 23^1 = 19 + 29 + 50 + 231 + 231 \\ 560 &:= 1^7 + 1^9 + 7^1 + 22^1 + 23^2 = 17 + 19 + 71 + 221 + 232 & 560 &:= 2^0 + 2^5 + 8^2 + 21^2 + 22^1 = 20 + 25 + 82 + 212 + 221 \\ 560 &:= 1^7 + 1^9 + 8^1 + 21^1 + 23^2 = 17 + 19 + 81 + 211 + 232 & 560 &:= 2^0 + 3^5 + 11^2 + 13^2 + 26^1 = 20 + 35 + 112 + 132 + 261 \\ 560 &:= 1^7 + 1^9 + 9^1 + 20^1 + 23^2 = 17 + 19 + 91 + 201 + 232 & 560 &:= 2^0 + 3^5 + 8^2 + 15^2 + 27^1 = 20 + 35 + 82 + 152 + 271 \\ 560 &:= 1^8 + 1^8 + 10^1 + 19^1 + 23^2 = 18 + 18 + 101 + 191 + 232 & 560 &:= 2^1 + 2^6 + 9^1 + 20^0 + 22^2 = 21 + 26 + 91 + 200 + 222 \\ 560 &:= 1^8 + 1^8 + 11^1 + 18^1 + 23^2 = 18 + 18 + 111 + 181 + 232 & 560 &:= 2^2 + 2^4 + 8^3 + 16^0 + 27^1 = 22 + 24 + 83 + 160 + 271 \\ 560 &:= 1^8 + 1^8 + 12^1 + 17^1 + 23^2 = 18 + 18 + 121 + 171 + 232 & 560 &:= 2^2 + 3^5 + 10^0 + 17^2 + 23^1 = 22 + 35 + 100 + 172 + 231 \\ 560 &:= 1^8 + 1^8 + 13^1 + 16^1 + 23^2 = 18 + 18 + 131 + 161 + 232 & 560 &:= 2^3 + 2^4 + 6^1 + 22^0 + 23^2 = 23 + 24 + 61 + 220 + 232 \\ 560 &:= 1^8 + 1^8 + 14^1 + 15^1 + 23^2 = 18 + 18 + 141 + 151 + 232 & 560 &:= 2^3 + 4^4 + 6^1 + 17^2 + 26^0 = 23 + 44 + 61 + 172 + 260 \\ 560 &:= 1^8 + 1^8 + 14^2 + 19^0 + 19^2 = 18 + 18 + 142 + 190 + 192 & 560 &:= 2^3 + 7^3 + 8^2 + 12^2 + 26^0 = 23 + 73 + 82 + 122 + 260 \\ 560 &:= 1^8 + 1^8 + 2^1 + 23^2 + 27^1 = 18 + 18 + 21 + 232 + 271 & 560 &:= 2^4 + 3^1 + 6^3 + 18^2 + 26^0 = 24 + 31 + 63 + 182 + 260 \\ 560 &:= 1^8 + 1^8 + 3^1 + 23^2 + 26^1 = 18 + 18 + 31 + 232 + 261 & 560 &:= 2^4 + 3^2 + 8^3 + 20^0 + 22^1 = 24 + 32 + 83 + 200 + 221 \\ 560 &:= 1^8 + 1^8 + 4^1 + 23^2 + 25^1 = 18 + 18 + 41 + 232 + 251 & 560 &:= 2^4 + 4^2 + 8^3 + 15^1 + 26^0 = 24 + 42 + 83 + 151 + 260 \\ 560 &:= 1^8 + 1^8 + 5^1 + 23^2 + 24^1 = 18 + 18 + 51 + 232 + 241 & 560 &:= 2^4 + 5^3 + 10^0 + 18^1 + 20^2 = 24 + 53 + 100 + 181 + 202 \\ 560 &:= 1^8 + 1^8 + 6^1 + 23^1 + 23^2 = 18 + 18 + 61 + 231 + 232 & 560 &:= 2^5 + 5^1 + 9^2 + 18^0 + 21^2 = 25 + 51 + 92 + 180 + 212 \end{aligned}$$

$$\begin{aligned}
 560 &:= 2^5 + 5^2 + 8^0 + 18^1 + 22^2 = 25 + 52 + 80 + 181 + 222 \\
 560 &:= 2^5 + 6^0 + 15^1 + 16^2 + 16^2 = 25 + 60 + 151 + 162 + 162 \\
 560 &:= 2^5 + 6^1 + 11^2 + 16^0 + 20^2 = 25 + 61 + 112 + 160 + 202 \\
 560 &:= 2^5 + 6^2 + 7^1 + 18^0 + 22^2 = 25 + 62 + 71 + 180 + 222 \\
 560 &:= 2^5 + 7^1 + 14^0 + 14^2 + 18^2 = 25 + 71 + 140 + 142 + 182 \\
 560 &:= 2^5 + 8^0 + 13^1 + 15^2 + 17^2 = 25 + 80 + 131 + 152 + 172 \\
 560 &:= 2^6 + 3^1 + 8^1 + 20^0 + 22^2 = 26 + 31 + 81 + 200 + 222 \\
 560 &:= 2^6 + 4^1 + 7^1 + 20^0 + 22^2 = 26 + 41 + 71 + 200 + 222 \\
 560 &:= 2^6 + 5^1 + 6^1 + 20^0 + 22^2 = 26 + 51 + 61 + 200 + 222 \\
 560 &:= 2^8 + 2^8 + 3^3 + 20^1 + 27^0 = 28 + 28 + 33 + 201 + 270 \\
 560 &:= 3^1 + 3^5 + 12^2 + 13^2 + 24^0 = 31 + 35 + 122 + 132 + 240 \\
 560 &:= 3^2 + 3^5 + 14^0 + 17^2 + 18^1 = 32 + 35 + 140 + 172 + 181 \\
 560 &:= 3^2 + 4^3 + 5^3 + 19^2 + 24^0 = 32 + 43 + 53 + 192 + 240 \\
 560 &:= 3^3 + 3^3 + 12^2 + 18^0 + 19^2 = 33 + 33 + 122 + 180 + 192 \\
 560 &:= 3^3 + 3^3 + 8^2 + 20^0 + 21^2 = 33 + 33 + 82 + 200 + 212 \\
 560 &:= 3^3 + 3^4 + 10^1 + 18^0 + 21^2 = 33 + 34 + 101 + 180 + 212 \\
 560 &:= 3^3 + 4^3 + 12^2 + 18^0 + 18^2 = 33 + 43 + 122 + 180 + 182
 \end{aligned}$$

$$\begin{aligned}
 560 &:= 3^3 + 4^4 + 12^0 + 16^2 + 20^1 = 33 + 44 + 120 + 162 + 201 \\
 560 &:= 3^4 + 4^3 + 14^0 + 14^1 + 20^2 = 34 + 43 + 140 + 141 + 202 \\
 560 &:= 3^4 + 6^1 + 6^3 + 16^2 + 24^0 = 34 + 61 + 63 + 162 + 240 \\
 560 &:= 3^4 + 6^2 + 9^2 + 18^0 + 19^2 = 34 + 62 + 92 + 180 + 192 \\
 560 &:= 3^4 + 7^3 + 11^2 + 14^1 + 20^0 = 34 + 73 + 112 + 141 + 200 \\
 560 &:= 3^5 + 4^2 + 11^1 + 17^2 + 20^0 = 35 + 42 + 111 + 172 + 200 \\
 560 &:= 3^5 + 6^0 + 6^2 + 16^2 + 24^1 = 35 + 60 + 62 + 162 + 241 \\
 560 &:= 3^5 + 7^2 + 11^1 + 16^2 + 18^0 = 35 + 72 + 111 + 162 + 180 \\
 560 &:= 3^5 + 8^0 + 10^2 + 14^2 + 20^1 = 35 + 80 + 102 + 142 + 201 \\
 560 &:= 3^5 + 9^2 + 10^1 + 15^2 + 18^0 = 35 + 92 + 101 + 152 + 180 \\
 560 &:= 4^3 + 4^4 + 14^1 + 15^2 + 18^0 = 43 + 44 + 141 + 152 + 180 \\
 560 &:= 4^3 + 5^3 + 7^3 + 12^0 + 27^1 = 43 + 53 + 73 + 120 + 271 \\
 560 &:= 4^3 + 5^3 + 9^2 + 17^2 + 20^0 = 43 + 53 + 92 + 172 + 200 \\
 560 &:= 4^4 + 5^3 + 9^1 + 13^2 + 24^0 = 44 + 53 + 91 + 132 + 240 \\
 560 &:= 4^4 + 6^3 + 8^2 + 14^0 + 23^1 = 44 + 63 + 82 + 140 + 231 \\
 560 &:= 5^3 + 6^3 + 7^2 + 13^2 + 24^0 = 53 + 63 + 72 + 132 + 240
 \end{aligned}$$

2.2.462 Number 561

$$\begin{aligned}
 561 &:= 1^8 + 23^2 + 31^1 = 18 + 232 + 311 \\
 561 &:= 1^0 + 1^8 + 23^2 + 30^1 = 10 + 18 + 232 + 301 \\
 561 &:= 1^1 + 1^7 + 23^2 + 30^1 = 11 + 17 + 232 + 301 \\
 561 &:= 1^1 + 2^7 + 20^2 + 32^1 = 11 + 27 + 202 + 321 \\
 561 &:= 1^1 + 2^9 + 5^0 + 47^1 = 11 + 29 + 50 + 471 \\
 561 &:= 1^2 + 1^6 + 23^2 + 30^1 = 12 + 16 + 232 + 301 \\
 561 &:= 1^3 + 1^5 + 23^2 + 30^1 = 13 + 15 + 232 + 301 \\
 561 &:= 1^4 + 1^4 + 23^2 + 30^1 = 14 + 14 + 232 + 301 \\
 561 &:= 1^5 + 2^2 + 8^3 + 44^1 = 15 + 22 + 83 + 441 \\
 561 &:= 1^5 + 6^3 + 7^3 + 41^0 = 15 + 63 + 73 + 410 \\
 561 &:= 1^7 + 10^1 + 21^1 + 23^2 = 17 + 101 + 211 + 232 \\
 561 &:= 1^7 + 11^1 + 20^1 + 23^2 = 17 + 111 + 201 + 232 \\
 561 &:= 1^7 + 12^1 + 19^1 + 23^2 = 17 + 121 + 191 + 232 \\
 561 &:= 1^7 + 13^1 + 18^1 + 23^2 = 17 + 131 + 181 + 232 \\
 561 &:= 1^7 + 14^1 + 17^1 + 23^2 = 17 + 141 + 171 + 232 \\
 561 &:= 1^7 + 15^1 + 16^1 + 23^2 = 17 + 151 + 161 + 232 \\
 561 &:= 1^7 + 2^1 + 23^2 + 29^1 = 17 + 21 + 232 + 291 \\
 561 &:= 1^7 + 3^1 + 23^2 + 28^1 = 17 + 31 + 232 + 281
 \end{aligned}$$

$$\begin{aligned}
 561 &:= 1^7 + 4^1 + 23^2 + 27^1 = 17 + 41 + 232 + 271 \\
 561 &:= 1^7 + 5^1 + 23^2 + 26^1 = 17 + 51 + 232 + 261 \\
 561 &:= 1^7 + 6^1 + 23^2 + 25^1 = 17 + 61 + 232 + 251 \\
 561 &:= 1^7 + 7^1 + 23^2 + 24^1 = 17 + 71 + 232 + 241 \\
 561 &:= 1^7 + 8^1 + 23^1 + 23^2 = 17 + 81 + 231 + 232 \\
 561 &:= 1^7 + 9^1 + 22^1 + 23^2 = 17 + 91 + 221 + 232 \\
 561 &:= 2^1 + 2^7 + 20^2 + 31^1 = 21 + 27 + 202 + 311 \\
 561 &:= 2^1 + 2^9 + 5^0 + 46^1 = 21 + 29 + 50 + 461 \\
 561 &:= 2^2 + 4^4 + 4^4 + 45^1 = 22 + 44 + 44 + 451 \\
 561 &:= 2^4 + 4^4 + 16^2 + 33^1 = 24 + 44 + 162 + 331 \\
 561 &:= 2^7 + 10^1 + 20^2 + 23^1 = 27 + 101 + 202 + 231 \\
 561 &:= 2^7 + 11^1 + 20^2 + 22^1 = 27 + 111 + 202 + 221 \\
 561 &:= 2^7 + 12^1 + 20^2 + 21^1 = 27 + 121 + 202 + 211 \\
 561 &:= 2^7 + 13^1 + 20^1 + 20^2 = 27 + 131 + 201 + 202 \\
 561 &:= 2^7 + 14^1 + 19^1 + 20^2 = 27 + 141 + 191 + 202 \\
 561 &:= 2^7 + 15^1 + 18^1 + 20^2 = 27 + 151 + 181 + 202 \\
 561 &:= 2^7 + 16^1 + 17^1 + 20^2 = 27 + 161 + 171 + 202 \\
 561 &:= 2^7 + 3^1 + 20^2 + 30^1 = 27 + 31 + 202 + 301
 \end{aligned}$$

$561 := 2^7 + 4^1 + 20^2 + 29^1$	$= 27 + 41 + 202 + 291$	$561 := 1^0 + 1^7 + 5^1 + 23^2 + 25^1$	$= 10 + 17 + 51 + 232 + 251$
$561 := 2^7 + 5^1 + 20^2 + 28^1$	$= 27 + 51 + 202 + 281$	$561 := 1^0 + 1^7 + 6^1 + 23^2 + 24^1$	$= 10 + 17 + 61 + 232 + 241$
$561 := 2^7 + 6^1 + 20^2 + 27^1$	$= 27 + 61 + 202 + 271$	$561 := 1^0 + 1^7 + 7^1 + 23^1 + 23^2$	$= 10 + 17 + 71 + 231 + 232$
$561 := 2^7 + 7^1 + 20^2 + 26^1$	$= 27 + 71 + 202 + 261$	$561 := 1^0 + 1^7 + 8^1 + 22^1 + 23^2$	$= 10 + 17 + 81 + 221 + 232$
$561 := 2^7 + 8^1 + 20^2 + 25^1$	$= 27 + 81 + 202 + 251$	$561 := 1^0 + 1^7 + 9^1 + 21^1 + 23^2$	$= 10 + 17 + 91 + 211 + 232$
$561 := 2^7 + 9^1 + 20^2 + 24^1$	$= 27 + 91 + 202 + 241$	$561 := 1^0 + 2^7 + 10^1 + 20^2 + 22^1$	$= 10 + 27 + 101 + 202 + 221$
$561 := 2^8 + 15^1 + 17^2 + 21^0$	$= 28 + 151 + 172 + 210$	$561 := 1^0 + 2^7 + 11^1 + 20^2 + 21^1$	$= 10 + 27 + 111 + 202 + 211$
$561 := 2^9 + 3^1 + 5^0 + 45^1$	$= 29 + 31 + 50 + 451$	$561 := 1^0 + 2^7 + 12^1 + 20^1 + 20^2$	$= 10 + 27 + 121 + 201 + 202$
$561 := 2^9 + 4^1 + 5^0 + 44^1$	$= 29 + 41 + 50 + 441$	$561 := 1^0 + 2^7 + 13^1 + 19^1 + 20^2$	$= 10 + 27 + 131 + 191 + 202$
$561 := 2^9 + 5^0 + 10^1 + 38^1$	$= 29 + 50 + 101 + 381$	$561 := 1^0 + 2^7 + 14^1 + 18^1 + 20^2$	$= 10 + 27 + 141 + 181 + 202$
$561 := 2^9 + 5^0 + 11^1 + 37^1$	$= 29 + 50 + 111 + 371$	$561 := 1^0 + 2^7 + 15^1 + 17^1 + 20^2$	$= 10 + 27 + 151 + 171 + 202$
$561 := 2^9 + 5^0 + 12^1 + 36^1$	$= 29 + 50 + 121 + 361$	$561 := 1^0 + 2^7 + 16^1 + 16^1 + 20^2$	$= 10 + 27 + 161 + 161 + 202$
$561 := 2^9 + 5^0 + 13^1 + 35^1$	$= 29 + 50 + 131 + 351$	$561 := 1^0 + 2^7 + 5^1 + 20^2 + 27^1$	$= 10 + 27 + 51 + 202 + 271$
$561 := 2^9 + 5^0 + 14^1 + 34^1$	$= 29 + 50 + 141 + 341$	$561 := 1^0 + 2^7 + 6^1 + 20^2 + 26^1$	$= 10 + 27 + 61 + 202 + 261$
$561 := 2^9 + 5^0 + 15^1 + 33^1$	$= 29 + 50 + 151 + 331$	$561 := 1^0 + 2^7 + 7^1 + 20^2 + 25^1$	$= 10 + 27 + 71 + 202 + 251$
$561 := 2^9 + 5^0 + 16^1 + 32^1$	$= 29 + 50 + 161 + 321$	$561 := 1^0 + 2^7 + 8^1 + 20^2 + 24^1$	$= 10 + 27 + 81 + 202 + 241$
$561 := 2^9 + 5^0 + 17^1 + 31^1$	$= 29 + 50 + 171 + 311$	$561 := 1^0 + 2^7 + 9^1 + 20^2 + 23^1$	$= 10 + 27 + 91 + 202 + 231$
$561 := 2^9 + 5^0 + 18^1 + 30^1$	$= 29 + 50 + 181 + 301$	$561 := 1^0 + 2^8 + 14^1 + 17^2 + 21^0$	$= 10 + 28 + 141 + 172 + 210$
$561 := 2^9 + 5^0 + 19^1 + 29^1$	$= 29 + 50 + 191 + 291$	$561 := 1^0 + 2^9 + 5^0 + 20^1 + 27^1$	$= 10 + 29 + 50 + 201 + 271$
$561 := 2^9 + 5^0 + 20^1 + 28^1$	$= 29 + 50 + 201 + 281$	$561 := 1^0 + 2^9 + 5^0 + 21^1 + 26^1$	$= 10 + 29 + 50 + 211 + 261$
$561 := 2^9 + 5^0 + 21^1 + 27^1$	$= 29 + 50 + 211 + 271$	$561 := 1^0 + 2^9 + 5^0 + 22^1 + 25^1$	$= 10 + 29 + 50 + 221 + 251$
$561 := 2^9 + 5^0 + 22^1 + 26^1$	$= 29 + 50 + 221 + 261$	$561 := 1^0 + 2^9 + 5^0 + 23^1 + 24^1$	$= 10 + 29 + 50 + 231 + 241$
$561 := 2^9 + 5^0 + 23^1 + 25^1$	$= 29 + 50 + 231 + 251$	$561 := 1^1 + 1^6 + 10^1 + 20^1 + 23^2$	$= 11 + 16 + 101 + 201 + 232$
$561 := 2^9 + 5^0 + 24^1 + 24^1$	$= 29 + 50 + 241 + 241$	$561 := 1^1 + 1^6 + 11^1 + 19^1 + 23^2$	$= 11 + 16 + 111 + 191 + 232$
$561 := 2^9 + 5^0 + 5^1 + 43^1$	$= 29 + 50 + 51 + 431$	$561 := 1^1 + 1^6 + 12^1 + 18^1 + 23^2$	$= 11 + 16 + 121 + 181 + 232$
$561 := 2^9 + 5^0 + 6^1 + 42^1$	$= 29 + 50 + 61 + 421$	$561 := 1^1 + 1^6 + 13^1 + 17^1 + 23^2$	$= 11 + 16 + 131 + 171 + 232$
$561 := 2^9 + 5^0 + 7^1 + 41^1$	$= 29 + 50 + 71 + 411$	$561 := 1^1 + 1^6 + 14^1 + 16^1 + 23^2$	$= 11 + 16 + 141 + 161 + 232$
$561 := 2^9 + 5^0 + 8^1 + 40^1$	$= 29 + 50 + 81 + 401$	$561 := 1^1 + 1^6 + 15^1 + 15^1 + 23^2$	$= 11 + 16 + 151 + 151 + 232$
$561 := 2^9 + 5^0 + 9^1 + 39^1$	$= 29 + 50 + 91 + 391$	$561 := 1^1 + 1^6 + 3^1 + 23^2 + 27^1$	$= 11 + 16 + 31 + 232 + 271$
$561 := 3^5 + 6^3 + 8^2 + 38^1$	$= 35 + 63 + 82 + 381$	$561 := 1^1 + 1^6 + 4^1 + 23^2 + 26^1$	$= 11 + 16 + 41 + 232 + 261$
$561 := 1^0 + 1^7 + 10^1 + 20^1 + 23^2$	$= 10 + 17 + 101 + 201 + 232$	$561 := 1^1 + 1^6 + 5^1 + 23^2 + 25^1$	$= 11 + 16 + 51 + 232 + 251$
$561 := 1^0 + 1^7 + 11^1 + 19^1 + 23^2$	$= 10 + 17 + 111 + 191 + 232$	$561 := 1^1 + 1^6 + 6^1 + 23^2 + 24^1$	$= 11 + 16 + 61 + 232 + 241$
$561 := 1^0 + 1^7 + 12^1 + 18^1 + 23^2$	$= 10 + 17 + 121 + 181 + 232$	$561 := 1^1 + 1^6 + 7^1 + 23^1 + 23^2$	$= 11 + 16 + 71 + 231 + 232$
$561 := 1^0 + 1^7 + 13^1 + 17^1 + 23^2$	$= 10 + 17 + 131 + 171 + 232$	$561 := 1^1 + 1^6 + 8^1 + 22^1 + 23^2$	$= 11 + 16 + 81 + 221 + 232$
$561 := 1^0 + 1^7 + 14^1 + 16^1 + 23^2$	$= 10 + 17 + 141 + 161 + 232$	$561 := 1^1 + 1^6 + 9^1 + 21^1 + 23^2$	$= 11 + 16 + 91 + 211 + 232$
$561 := 1^0 + 1^7 + 15^1 + 15^1 + 23^2$	$= 10 + 17 + 151 + 151 + 232$	$561 := 1^1 + 2^5 + 8^2 + 21^2 + 23^1$	$= 11 + 25 + 82 + 212 + 231$
$561 := 1^0 + 1^7 + 3^1 + 23^2 + 27^1$	$= 10 + 17 + 31 + 232 + 271$	$561 := 1^1 + 3^5 + 11^2 + 13^2 + 27^1$	$= 11 + 35 + 112 + 132 + 271$
$561 := 1^0 + 1^7 + 4^1 + 23^2 + 26^1$	$= 10 + 17 + 41 + 232 + 261$	$561 := 1^2 + 1^5 + 10^1 + 20^1 + 23^2$	$= 12 + 15 + 101 + 201 + 232$

$$\begin{aligned}
 561 &:= 1^2 + 1^5 + 11^1 + 19^1 + 23^2 = 12 + 15 + 111 + 191 + 232 & 561 &:= 1^4 + 2^2 + 7^2 + 22^2 + 23^1 = 14 + 22 + 72 + 222 + 231 \\
 561 &:= 1^2 + 1^5 + 12^1 + 18^1 + 23^2 = 12 + 15 + 121 + 181 + 232 & 561 &:= 1^4 + 2^2 + 8^3 + 17^1 + 27^1 = 14 + 22 + 83 + 171 + 271 \\
 561 &:= 1^2 + 1^5 + 13^1 + 17^1 + 23^2 = 12 + 15 + 131 + 171 + 232 & 561 &:= 1^4 + 2^2 + 8^3 + 18^1 + 26^1 = 14 + 22 + 83 + 181 + 261 \\
 561 &:= 1^2 + 1^5 + 14^1 + 16^1 + 23^2 = 12 + 15 + 141 + 161 + 232 & 561 &:= 1^4 + 2^2 + 8^3 + 19^1 + 25^1 = 14 + 22 + 83 + 191 + 251 \\
 561 &:= 1^2 + 1^5 + 15^1 + 15^1 + 23^2 = 12 + 15 + 151 + 151 + 232 & 561 &:= 1^4 + 2^2 + 8^3 + 20^1 + 24^1 = 14 + 22 + 83 + 201 + 241 \\
 561 &:= 1^2 + 1^5 + 3^1 + 23^2 + 27^1 = 12 + 15 + 31 + 232 + 271 & 561 &:= 1^4 + 2^2 + 8^3 + 21^1 + 23^1 = 14 + 22 + 83 + 211 + 231 \\
 561 &:= 1^2 + 1^5 + 4^1 + 23^2 + 26^1 = 12 + 15 + 41 + 232 + 261 & 561 &:= 1^4 + 2^2 + 8^3 + 22^1 + 22^1 = 14 + 22 + 83 + 221 + 221 \\
 561 &:= 1^2 + 1^5 + 5^1 + 23^2 + 25^1 = 12 + 15 + 51 + 232 + 251 & 561 &:= 1^4 + 2^4 + 14^1 + 15^0 + 23^2 = 14 + 24 + 141 + 150 + 232 \\
 561 &:= 1^2 + 1^5 + 6^1 + 23^2 + 24^1 = 12 + 15 + 61 + 232 + 241 & 561 &:= 1^4 + 3^3 + 8^3 + 20^1 + 23^0 = 14 + 33 + 83 + 201 + 230 \\
 561 &:= 1^2 + 1^5 + 7^1 + 23^1 + 23^2 = 12 + 15 + 71 + 231 + 232 & 561 &:= 1^4 + 4^4 + 14^1 + 17^2 + 19^0 = 14 + 44 + 141 + 172 + 190 \\
 561 &:= 1^2 + 1^5 + 8^1 + 22^1 + 23^2 = 12 + 15 + 81 + 221 + 232 & 561 &:= 1^4 + 6^2 + 8^2 + 19^1 + 21^2 = 14 + 62 + 82 + 191 + 212 \\
 561 &:= 1^2 + 1^5 + 9^1 + 21^1 + 23^2 = 12 + 15 + 91 + 211 + 232 & 561 &:= 1^4 + 8^2 + 15^1 + 15^2 + 16^2 = 14 + 82 + 151 + 152 + 162 \\
 561 &:= 1^2 + 2^3 + 5^3 + 20^2 + 27^1 = 12 + 23 + 53 + 202 + 271 & 561 &:= 1^5 + 2^3 + 7^0 + 22^1 + 23^2 = 15 + 23 + 70 + 221 + 232 \\
 561 &:= 1^2 + 2^4 + 6^2 + 22^2 + 24^1 = 12 + 24 + 62 + 222 + 241 & 561 &:= 1^5 + 3^1 + 3^3 + 23^2 + 25^0 = 15 + 31 + 33 + 232 + 250 \\
 561 &:= 1^2 + 2^4 + 9^2 + 21^2 + 22^1 = 12 + 24 + 92 + 212 + 221 & 561 &:= 1^5 + 4^3 + 11^1 + 17^0 + 22^2 = 15 + 43 + 111 + 170 + 222 \\
 561 &:= 1^2 + 2^6 + 11^1 + 19^0 + 22^2 = 12 + 26 + 111 + 190 + 222 & 561 &:= 1^5 + 5^2 + 8^3 + 19^0 + 22^1 = 15 + 52 + 83 + 190 + 221 \\
 561 &:= 1^2 + 3^4 + 13^2 + 17^2 + 21^1 = 12 + 34 + 132 + 172 + 211 & 561 &:= 1^5 + 6^3 + 11^0 + 18^2 + 19^1 = 15 + 63 + 110 + 182 + 191 \\
 561 &:= 1^2 + 4^4 + 9^2 + 14^2 + 27^1 = 12 + 44 + 92 + 142 + 271 & 561 &:= 1^5 + 7^3 + 13^0 + 14^2 + 20^1 = 15 + 73 + 130 + 142 + 201 \\
 561 &:= 1^3 + 1^4 + 10^1 + 20^1 + 23^2 = 13 + 14 + 101 + 201 + 232 & 561 &:= 1^6 + 10^1 + 10^1 + 11^1 + 23^2 = 16 + 101 + 101 + 111 + 232 \\
 561 &:= 1^3 + 1^4 + 11^1 + 19^1 + 23^2 = 13 + 14 + 111 + 191 + 232 & 561 &:= 1^6 + 10^1 + 11^0 + 15^2 + 18^2 = 16 + 101 + 110 + 152 + 182 \\
 561 &:= 1^3 + 1^4 + 12^1 + 18^1 + 23^2 = 13 + 14 + 121 + 181 + 232 & 561 &:= 1^6 + 2^1 + 10^1 + 19^1 + 23^2 = 16 + 21 + 101 + 191 + 232 \\
 561 &:= 1^3 + 1^4 + 13^1 + 17^1 + 23^2 = 13 + 14 + 131 + 171 + 232 & 561 &:= 1^6 + 2^1 + 11^1 + 18^1 + 23^2 = 16 + 21 + 111 + 181 + 232 \\
 561 &:= 1^3 + 1^4 + 14^1 + 16^1 + 23^2 = 13 + 14 + 141 + 161 + 232 & 561 &:= 1^6 + 2^1 + 11^1 + 18^1 + 23^2 = 16 + 21 + 111 + 181 + 232 \\
 561 &:= 1^3 + 1^4 + 15^1 + 15^1 + 23^2 = 13 + 14 + 151 + 151 + 232 & 561 &:= 1^6 + 2^1 + 12^1 + 17^1 + 23^2 = 16 + 21 + 121 + 171 + 232 \\
 561 &:= 1^3 + 1^4 + 3^1 + 23^2 + 27^1 = 13 + 14 + 31 + 232 + 271 & 561 &:= 1^6 + 2^1 + 13^1 + 16^1 + 23^2 = 16 + 21 + 131 + 161 + 232 \\
 561 &:= 1^3 + 1^4 + 4^1 + 23^2 + 26^1 = 13 + 14 + 41 + 232 + 261 & 561 &:= 1^6 + 2^1 + 14^1 + 15^1 + 23^2 = 16 + 21 + 141 + 151 + 232 \\
 561 &:= 1^3 + 1^4 + 5^1 + 23^2 + 25^1 = 13 + 14 + 51 + 232 + 251 & 561 &:= 1^6 + 2^1 + 14^2 + 19^0 + 19^2 = 16 + 21 + 142 + 190 + 192 \\
 561 &:= 1^3 + 1^4 + 6^1 + 23^2 + 24^1 = 13 + 14 + 61 + 232 + 241 & 561 &:= 1^6 + 2^1 + 2^1 + 23^2 + 27^1 = 16 + 21 + 21 + 232 + 271 \\
 561 &:= 1^3 + 1^4 + 7^1 + 23^1 + 23^2 = 13 + 14 + 71 + 231 + 232 & 561 &:= 1^6 + 2^1 + 3^1 + 23^2 + 26^1 = 16 + 21 + 31 + 232 + 261 \\
 561 &:= 1^3 + 1^4 + 8^1 + 22^1 + 23^2 = 13 + 14 + 81 + 221 + 232 & 561 &:= 1^6 + 2^1 + 4^1 + 23^2 + 25^1 = 16 + 21 + 41 + 232 + 251 \\
 561 &:= 1^3 + 1^4 + 9^1 + 21^1 + 23^2 = 13 + 14 + 91 + 211 + 232 & 561 &:= 1^6 + 2^1 + 5^1 + 23^2 + 24^1 = 16 + 21 + 51 + 232 + 241 \\
 561 &:= 1^3 + 3^2 + 5^3 + 20^2 + 26^1 = 13 + 32 + 53 + 202 + 261 & 561 &:= 1^6 + 2^1 + 6^1 + 23^1 + 23^2 = 16 + 21 + 61 + 231 + 232 \\
 561 &:= 1^3 + 3^3 + 15^2 + 17^2 + 19^1 = 13 + 33 + 152 + 172 + 191 & 561 &:= 1^6 + 2^1 + 7^1 + 22^1 + 23^2 = 16 + 21 + 71 + 221 + 232 \\
 561 &:= 1^3 + 3^3 + 5^2 + 22^2 + 24^1 = 13 + 33 + 52 + 222 + 241 & 561 &:= 1^6 + 2^1 + 8^1 + 21^1 + 23^2 = 16 + 21 + 81 + 211 + 232 \\
 561 &:= 1^3 + 3^5 + 7^0 + 17^2 + 27^1 = 13 + 35 + 70 + 172 + 271 & 561 &:= 1^6 + 2^1 + 9^1 + 20^1 + 23^2 = 16 + 21 + 91 + 201 + 232 \\
 561 &:= 1^3 + 6^3 + 8^2 + 16^2 + 24^1 = 13 + 63 + 82 + 162 + 241 & 561 &:= 1^6 + 2^2 + 3^0 + 23^2 + 26^1 = 16 + 22 + 30 + 232 + 261 \\
 561 &:= 1^4 + 10^2 + 11^2 + 15^1 + 18^2 = 14 + 102 + 112 + 151 + 182 & 561 &:= 1^6 + 3^1 + 10^1 + 18^1 + 23^2 = 16 + 31 + 101 + 181 + 232 \\
 561 &:= 1^4 + 11^2 + 13^2 + 14^1 + 16^2 = 14 + 112 + 132 + 141 + 162 & 561 &:= 1^6 + 3^1 + 11^1 + 17^1 + 23^2 = 16 + 31 + 111 + 171 + 232 \\
 561 &:= 1^4 + 11^2 + 13^2 + 14^1 + 16^2 = 14 + 112 + 132 + 141 + 162 & 561 &:= 1^6 + 3^1 + 12^1 + 16^1 + 23^2 = 16 + 31 + 121 + 161 + 232
 \end{aligned}$$

$$\begin{aligned} 561 &:= 1^6 + 3^1 + 13^1 + 15^1 + 23^2 = 16 + 31 + 131 + 151 + 232 \\ 561 &:= 1^6 + 3^1 + 14^1 + 14^1 + 23^2 = 16 + 31 + 141 + 141 + 232 \\ 561 &:= 1^6 + 3^1 + 3^1 + 23^2 + 25^1 = 16 + 31 + 31 + 232 + 251 \\ 561 &:= 1^6 + 3^1 + 4^1 + 23^2 + 24^1 = 16 + 31 + 41 + 232 + 241 \\ 561 &:= 1^6 + 3^1 + 5^1 + 23^1 + 23^2 = 16 + 31 + 51 + 231 + 232 \\ 561 &:= 1^6 + 3^1 + 6^1 + 22^1 + 23^2 = 16 + 31 + 61 + 221 + 232 \\ 561 &:= 1^6 + 3^1 + 7^1 + 21^1 + 23^2 = 16 + 31 + 71 + 211 + 232 \\ 561 &:= 1^6 + 3^1 + 8^1 + 20^1 + 23^2 = 16 + 31 + 81 + 201 + 232 \\ 561 &:= 1^6 + 3^1 + 9^1 + 19^1 + 23^2 = 16 + 31 + 91 + 191 + 232 \\ 561 &:= 1^6 + 3^2 + 7^0 + 21^1 + 23^2 = 16 + 32 + 70 + 211 + 232 \\ 561 &:= 1^6 + 4^1 + 10^1 + 17^1 + 23^2 = 16 + 41 + 101 + 171 + 232 \\ 561 &:= 1^6 + 4^1 + 11^1 + 16^1 + 23^2 = 16 + 41 + 111 + 161 + 232 \\ 561 &:= 1^6 + 4^1 + 12^1 + 15^1 + 23^2 = 16 + 41 + 121 + 151 + 232 \\ 561 &:= 1^6 + 4^1 + 13^1 + 14^1 + 23^2 = 16 + 41 + 131 + 141 + 232 \\ 561 &:= 1^6 + 4^1 + 4^1 + 23^1 + 23^2 = 16 + 41 + 41 + 231 + 232 \\ 561 &:= 1^6 + 4^1 + 5^1 + 22^1 + 23^2 = 16 + 41 + 51 + 221 + 232 \\ 561 &:= 1^6 + 4^1 + 6^1 + 21^1 + 23^2 = 16 + 41 + 61 + 211 + 232 \\ 561 &:= 1^6 + 4^1 + 7^1 + 20^1 + 23^2 = 16 + 41 + 71 + 201 + 232 \\ 561 &:= 1^6 + 4^1 + 8^1 + 19^1 + 23^2 = 16 + 41 + 81 + 191 + 232 \\ 561 &:= 1^6 + 4^1 + 9^1 + 18^1 + 23^2 = 16 + 41 + 91 + 181 + 232 \\ 561 &:= 1^6 + 4^2 + 13^0 + 14^1 + 23^2 = 16 + 42 + 130 + 141 + 232 \\ 561 &:= 1^6 + 5^0 + 10^2 + 18^1 + 21^2 = 16 + 50 + 102 + 181 + 212 \\ 561 &:= 1^6 + 5^1 + 10^1 + 16^1 + 23^2 = 16 + 51 + 101 + 161 + 232 \\ 561 &:= 1^6 + 5^1 + 11^1 + 15^1 + 23^2 = 16 + 51 + 111 + 151 + 232 \\ 561 &:= 1^6 + 5^1 + 12^1 + 14^1 + 23^2 = 16 + 51 + 121 + 141 + 232 \\ 561 &:= 1^6 + 5^1 + 13^1 + 13^1 + 23^2 = 16 + 51 + 131 + 131 + 232 \\ 561 &:= 1^6 + 5^1 + 5^1 + 21^1 + 23^2 = 16 + 51 + 51 + 211 + 232 \\ 561 &:= 1^6 + 5^1 + 5^2 + 21^0 + 23^2 = 16 + 51 + 52 + 210 + 232 \\ 561 &:= 1^6 + 5^1 + 6^1 + 20^1 + 23^2 = 16 + 51 + 61 + 201 + 232 \\ 561 &:= 1^6 + 5^1 + 7^1 + 19^1 + 23^2 = 16 + 51 + 71 + 191 + 232 \\ 561 &:= 1^6 + 5^1 + 8^1 + 18^1 + 23^2 = 16 + 51 + 81 + 181 + 232 \\ 561 &:= 1^6 + 5^1 + 9^1 + 17^1 + 23^2 = 16 + 51 + 91 + 171 + 232 \\ 561 &:= 1^6 + 6^1 + 10^1 + 15^1 + 23^2 = 16 + 61 + 101 + 151 + 232 \\ 561 &:= 1^6 + 6^1 + 11^1 + 14^1 + 23^2 = 16 + 61 + 111 + 141 + 232 \\ 561 &:= 1^6 + 6^1 + 12^1 + 13^1 + 23^2 = 16 + 61 + 121 + 131 + 232 \\ 561 &:= 1^6 + 6^1 + 6^1 + 19^1 + 23^2 = 16 + 61 + 61 + 191 + 232 \\ 561 &:= 1^6 + 6^1 + 7^1 + 18^1 + 23^2 = 16 + 61 + 71 + 181 + 232 \\ 561 &:= 1^6 + 6^1 + 8^1 + 17^1 + 23^2 = 16 + 61 + 81 + 171 + 232 \\ 561 &:= 1^6 + 6^1 + 9^1 + 16^1 + 23^2 = 16 + 61 + 91 + 161 + 232 \\ 561 &:= 1^6 + 7^0 + 12^2 + 15^1 + 20^2 = 16 + 70 + 122 + 151 + 202 \\ 561 &:= 1^6 + 7^0 + 14^1 + 16^2 + 17^2 = 16 + 70 + 141 + 162 + 172 \\ 561 &:= 1^6 + 7^1 + 10^1 + 14^1 + 23^2 = 16 + 71 + 101 + 141 + 232 \\ 561 &:= 1^6 + 7^1 + 11^1 + 13^1 + 23^2 = 16 + 71 + 111 + 131 + 232 \\ 561 &:= 1^6 + 7^1 + 12^1 + 12^1 + 23^2 = 16 + 71 + 121 + 121 + 232 \\ 561 &:= 1^6 + 7^1 + 7^1 + 17^1 + 23^2 = 16 + 71 + 71 + 171 + 232 \\ 561 &:= 1^6 + 7^1 + 8^1 + 16^1 + 23^2 = 16 + 71 + 81 + 161 + 232 \\ 561 &:= 1^6 + 7^1 + 9^1 + 15^1 + 23^2 = 16 + 71 + 91 + 151 + 232 \\ 561 &:= 1^6 + 8^1 + 10^1 + 13^1 + 23^2 = 16 + 81 + 101 + 131 + 232 \\ 561 &:= 1^6 + 8^1 + 11^1 + 12^1 + 23^2 = 16 + 81 + 111 + 121 + 232 \\ 561 &:= 1^6 + 8^1 + 8^1 + 15^1 + 23^2 = 16 + 81 + 81 + 151 + 232 \\ 561 &:= 1^6 + 8^1 + 9^1 + 14^1 + 23^2 = 16 + 81 + 91 + 141 + 232 \\ 561 &:= 1^6 + 8^2 + 11^1 + 13^0 + 22^2 = 16 + 82 + 111 + 130 + 222 \\ 561 &:= 1^6 + 9^1 + 10^1 + 12^1 + 23^2 = 16 + 91 + 101 + 121 + 232 \\ 561 &:= 1^6 + 9^1 + 11^1 + 11^1 + 23^2 = 16 + 91 + 111 + 111 + 232 \\ 561 &:= 1^6 + 9^1 + 9^1 + 13^1 + 23^2 = 16 + 91 + 91 + 131 + 232 \\ 561 &:= 1^9 + 2^9 + 5^2 + 22^1 + 24^0 = 19 + 29 + 52 + 221 + 240 \\ 561 &:= 2^0 + 2^8 + 14^1 + 17^2 + 20^0 = 20 + 28 + 141 + 172 + 200 \\ 561 &:= 2^0 + 2^9 + 4^0 + 20^1 + 27^1 = 20 + 29 + 40 + 201 + 271 \\ 561 &:= 2^0 + 2^9 + 4^0 + 21^1 + 26^1 = 20 + 29 + 40 + 211 + 261 \\ 561 &:= 2^0 + 2^9 + 4^0 + 22^1 + 25^1 = 20 + 29 + 40 + 221 + 251 \\ 561 &:= 2^0 + 2^9 + 4^0 + 23^1 + 24^1 = 20 + 29 + 40 + 231 + 241 \\ 561 &:= 2^1 + 2^5 + 8^2 + 21^2 + 22^1 = 21 + 25 + 82 + 212 + 221 \\ 561 &:= 2^1 + 3^5 + 11^2 + 13^2 + 26^1 = 21 + 35 + 112 + 132 + 261 \\ 561 &:= 2^1 + 3^5 + 8^2 + 15^2 + 27^1 = 21 + 35 + 82 + 152 + 271 \\ 561 &:= 2^2 + 2^4 + 11^2 + 20^1 + 20^2 = 22 + 24 + 112 + 201 + 202 \\ 561 &:= 2^2 + 2^4 + 6^3 + 18^2 + 27^0 = 22 + 24 + 63 + 182 + 270 \\ 561 &:= 2^2 + 2^6 + 8^1 + 21^0 + 22^2 = 22 + 26 + 81 + 210 + 222 \\ 561 &:= 2^2 + 3^2 + 3^4 + 21^2 + 26^1 = 22 + 32 + 34 + 212 + 261 \\ 561 &:= 2^2 + 3^3 + 4^3 + 21^2 + 25^1 = 22 + 33 + 43 + 212 + 251 \\ 561 &:= 2^2 + 3^5 + 12^2 + 13^2 + 25^0 = 22 + 35 + 122 + 132 + 250 \\ 561 &:= 2^2 + 4^4 + 7^2 + 15^2 + 27^1 = 22 + 44 + 72 + 152 + 271 \\ 561 &:= 2^3 + 2^4 + 8^3 + 19^0 + 24^1 = 23 + 24 + 83 + 190 + 241 \\ 561 &:= 2^3 + 3^3 + 5^3 + 20^2 + 25^0 = 23 + 33 + 53 + 202 + 250 \\ 561 &:= 2^3 + 3^3 + 8^2 + 21^1 + 21^2 = 23 + 33 + 82 + 211 + 212 \\ 561 &:= 2^3 + 3^5 + 13^0 + 17^2 + 20^1 = 23 + 35 + 130 + 172 + 201 \\ 561 &:= 2^3 + 4^3 + 5^2 + 21^2 + 23^1 = 23 + 43 + 52 + 212 + 231 \end{aligned}$$

$$\begin{aligned} 561 &:= 2^3 + 4^4 + 10^2 + 14^2 + 25^0 = 23 + 44 + 102 + 142 + 250 & 561 &:= 2^6 + 3^1 + 13^2 + 18^2 + 19^0 = 26 + 31 + 132 + 182 + 190 \\ 561 &:= 2^4 + 11^2 + 11^2 + 14^1 + 17^2 = 24 + 112 + 112 + 141 + 172 & 561 &:= 2^6 + 3^1 + 3^2 + 22^2 + 25^0 = 26 + 31 + 32 + 222 + 250 \\ 561 &:= 2^4 + 3^4 + 7^0 + 21^2 + 22^1 = 24 + 34 + 70 + 212 + 221 & 561 &:= 2^6 + 6^1 + 7^2 + 19^0 + 21^2 = 26 + 61 + 72 + 190 + 212 \\ 561 &:= 2^4 + 4^2 + 16^2 + 16^2 + 17^1 = 24 + 42 + 162 + 162 + 171 & 561 &:= 2^6 + 6^2 + 7^0 + 19^1 + 21^2 = 26 + 62 + 70 + 191 + 212 \\ 561 &:= 2^4 + 6^1 + 7^3 + 13^2 + 27^1 = 24 + 61 + 73 + 132 + 271 & 561 &:= 2^6 + 7^0 + 15^1 + 15^2 + 16^2 = 26 + 70 + 151 + 152 + 162 \\ 561 &:= 2^4 + 6^2 + 13^2 + 16^1 + 18^2 = 24 + 62 + 132 + 161 + 182 & 561 &:= 2^6 + 9^0 + 11^2 + 14^1 + 19^2 = 26 + 90 + 112 + 141 + 192 \\ 561 &:= 2^4 + 6^2 + 7^2 + 19^1 + 21^2 = 24 + 62 + 72 + 191 + 212 & 561 &:= 2^6 + 9^0 + 9^2 + 15^1 + 20^2 = 26 + 90 + 92 + 151 + 202 \\ 561 &:= 2^4 + 7^1 + 7^3 + 13^2 + 26^1 = 24 + 71 + 73 + 132 + 261 & 561 &:= 2^8 + 10^0 + 12^0 + 14^1 + 17^2 = 28 + 100 + 120 + 141 + 172 \\ 561 &:= 2^4 + 7^2 + 15^1 + 15^2 + 16^2 = 24 + 72 + 151 + 152 + 162 & 561 &:= 2^8 + 11^0 + 11^0 + 14^1 + 17^2 = 28 + 110 + 110 + 141 + 172 \\ 561 &:= 2^4 + 7^3 + 10^1 + 13^2 + 23^1 = 24 + 73 + 101 + 132 + 231 & 561 &:= 2^8 + 3^0 + 14^1 + 17^2 + 19^0 = 28 + 30 + 141 + 172 + 190 \\ 561 &:= 2^4 + 7^3 + 11^1 + 13^2 + 22^1 = 24 + 73 + 111 + 132 + 221 & 561 &:= 2^8 + 4^0 + 14^1 + 17^2 + 18^0 = 28 + 40 + 141 + 172 + 180 \\ 561 &:= 2^4 + 7^3 + 12^1 + 13^2 + 21^1 = 24 + 73 + 121 + 132 + 211 & 561 &:= 2^8 + 5^0 + 14^1 + 17^0 + 17^2 = 28 + 50 + 141 + 170 + 172 \\ 561 &:= 2^4 + 7^3 + 13^1 + 13^2 + 20^1 = 24 + 73 + 131 + 132 + 201 & 561 &:= 2^8 + 6^0 + 14^1 + 16^0 + 17^2 = 28 + 60 + 141 + 160 + 172 \\ 561 &:= 2^4 + 7^3 + 13^2 + 14^1 + 19^1 = 24 + 73 + 132 + 141 + 191 & 561 &:= 2^8 + 7^0 + 14^1 + 15^0 + 17^2 = 28 + 70 + 141 + 150 + 172 \\ 561 &:= 2^4 + 7^3 + 13^2 + 15^1 + 18^1 = 24 + 73 + 132 + 151 + 181 & 561 &:= 2^8 + 8^0 + 14^0 + 14^1 + 17^2 = 28 + 80 + 140 + 141 + 172 \\ 561 &:= 2^4 + 7^3 + 13^2 + 16^1 + 17^1 = 24 + 73 + 132 + 161 + 171 & 561 &:= 2^8 + 9^0 + 13^0 + 14^1 + 17^2 = 28 + 90 + 130 + 141 + 172 \\ 561 &:= 2^4 + 7^3 + 8^1 + 13^2 + 25^1 = 24 + 73 + 81 + 132 + 251 & 561 &:= 2^9 + 3^0 + 3^0 + 20^1 + 27^1 = 29 + 30 + 30 + 201 + 271 \\ 561 &:= 2^4 + 7^3 + 9^1 + 13^2 + 24^1 = 24 + 73 + 91 + 132 + 241 & 561 &:= 2^9 + 3^0 + 3^0 + 21^1 + 26^1 = 29 + 30 + 30 + 211 + 261 \\ 561 &:= 2^4 + 8^2 + 8^2 + 17^1 + 20^2 = 24 + 82 + 82 + 171 + 202 & 561 &:= 2^9 + 3^0 + 3^0 + 22^1 + 25^1 = 29 + 30 + 30 + 221 + 251 \\ 561 &:= 2^4 + 9^2 + 14^1 + 15^2 + 15^2 = 24 + 92 + 141 + 152 + 152 & 561 &:= 2^9 + 3^0 + 3^0 + 23^1 + 24^1 = 29 + 30 + 30 + 231 + 241 \\ 561 &:= 2^5 + 3^1 + 5^3 + 20^2 + 25^0 = 25 + 31 + 53 + 202 + 250 & 561 &:= 3^1 + 3^5 + 11^2 + 13^2 + 25^1 = 31 + 35 + 112 + 132 + 251 \\ 561 &:= 2^5 + 3^1 + 8^2 + 21^1 + 21^2 = 25 + 31 + 82 + 211 + 212 & 561 &:= 3^1 + 3^5 + 8^2 + 15^2 + 26^1 = 31 + 35 + 82 + 152 + 261 \\ 561 &:= 2^5 + 3^3 + 11^0 + 17^1 + 22^2 = 25 + 33 + 110 + 171 + 222 & 561 &:= 3^2 + 3^4 + 14^2 + 16^2 + 19^1 = 32 + 34 + 142 + 162 + 191 \\ 561 &:= 2^5 + 4^1 + 8^2 + 20^1 + 21^2 = 25 + 41 + 82 + 201 + 212 & 561 &:= 3^2 + 3^4 + 7^2 + 20^2 + 22^1 = 32 + 34 + 72 + 202 + 221 \\ 561 &:= 2^5 + 4^2 + 16^2 + 16^2 + 17^0 = 25 + 42 + 162 + 162 + 170 & 561 &:= 3^2 + 4^3 + 4^3 + 20^2 + 24^1 = 32 + 43 + 43 + 202 + 241 \\ 561 &:= 2^5 + 4^3 + 5^0 + 21^2 + 23^1 = 25 + 43 + 50 + 212 + 231 & 561 &:= 3^3 + 3^4 + 14^2 + 16^2 + 19^0 = 33 + 34 + 142 + 162 + 190 \\ 561 &:= 2^5 + 5^1 + 8^2 + 19^1 + 21^2 = 25 + 51 + 82 + 191 + 212 & 561 &:= 3^3 + 4^3 + 14^2 + 16^2 + 18^1 = 33 + 43 + 142 + 162 + 181 \\ 561 &:= 2^5 + 6^1 + 8^2 + 18^1 + 21^2 = 25 + 61 + 82 + 181 + 212 & 561 &:= 3^3 + 4^3 + 7^2 + 20^2 + 21^1 = 33 + 43 + 72 + 202 + 211 \\ 561 &:= 2^5 + 6^3 + 7^0 + 17^2 + 23^1 = 25 + 63 + 70 + 172 + 231 & 561 &:= 3^3 + 4^4 + 9^2 + 14^2 + 25^0 = 33 + 44 + 92 + 142 + 250 \\ 561 &:= 2^5 + 7^1 + 8^2 + 17^1 + 21^2 = 25 + 71 + 82 + 171 + 212 & 561 &:= 3^3 + 5^2 + 5^3 + 19^2 + 23^1 = 33 + 52 + 53 + 192 + 231 \\ 561 &:= 2^5 + 7^3 + 13^2 + 16^1 + 17^0 = 25 + 73 + 132 + 161 + 170 & 561 &:= 3^3 + 5^3 + 10^2 + 17^2 + 20^1 = 33 + 53 + 102 + 172 + 201 \\ 561 &:= 2^5 + 8^1 + 8^2 + 16^1 + 21^2 = 25 + 81 + 82 + 161 + 212 & 561 &:= 3^3 + 5^3 + 8^2 + 18^2 + 21^1 = 33 + 53 + 82 + 182 + 211 \\ 561 &:= 2^5 + 8^2 + 10^1 + 14^1 + 21^2 = 25 + 82 + 101 + 141 + 212 & 561 &:= 3^3 + 6^3 + 10^2 + 14^2 + 22^1 = 33 + 63 + 102 + 142 + 221 \\ 561 &:= 2^5 + 8^2 + 11^1 + 13^1 + 21^2 = 25 + 82 + 111 + 131 + 212 & 561 &:= 3^3 + 7^3 + 8^2 + 10^2 + 27^1 = 33 + 73 + 82 + 102 + 271 \\ 561 &:= 2^5 + 8^2 + 12^1 + 12^1 + 21^2 = 25 + 82 + 121 + 121 + 212 & 561 &:= 3^4 + 10^2 + 13^2 + 14^2 + 15^1 = 34 + 102 + 132 + 142 + 151 \\ 561 &:= 2^5 + 8^2 + 8^2 + 17^0 + 20^2 = 25 + 82 + 82 + 170 + 202 & 561 &:= 3^4 + 4^2 + 11^2 + 18^2 + 19^1 = 34 + 42 + 112 + 182 + 191 \\ 561 &:= 2^5 + 8^2 + 9^1 + 15^1 + 21^2 = 25 + 82 + 91 + 151 + 212 & 561 &:= 3^4 + 4^4 + 7^0 + 14^2 + 27^1 = 34 + 44 + 70 + 142 + 271 \\ 561 &:= 2^6 + 11^0 + 11^1 + 14^2 + 17^2 = 26 + 110 + 111 + 142 + 172 & 561 &:= 3^4 + 6^2 + 8^2 + 19^1 + 19^2 = 34 + 62 + 82 + 191 + 192 \end{aligned}$$

$$\begin{aligned}
 561 &:= 3^4 + 8^2 + 12^2 + 16^1 + 16^2 = 34 + 82 + 122 + 161 + 162 \\
 561 &:= 3^5 + 10^1 + 11^2 + 13^2 + 18^1 = 35 + 101 + 112 + 132 + 181 \\
 561 &:= 3^5 + 11^1 + 11^2 + 13^2 + 17^1 = 35 + 111 + 112 + 132 + 171 \\
 561 &:= 3^5 + 11^2 + 12^1 + 13^2 + 16^1 = 35 + 112 + 121 + 132 + 161 \\
 561 &:= 3^5 + 11^2 + 13^1 + 13^2 + 15^1 = 35 + 112 + 131 + 132 + 151 \\
 561 &:= 3^5 + 11^2 + 13^2 + 14^1 + 14^1 = 35 + 112 + 132 + 141 + 141 \\
 561 &:= 3^5 + 4^1 + 11^2 + 13^2 + 24^1 = 35 + 41 + 112 + 132 + 241 \\
 561 &:= 3^5 + 4^1 + 8^2 + 15^2 + 25^1 = 35 + 41 + 82 + 152 + 251 \\
 561 &:= 3^5 + 5^1 + 11^2 + 13^2 + 23^1 = 35 + 51 + 112 + 132 + 231 \\
 561 &:= 3^5 + 5^1 + 8^2 + 15^2 + 24^1 = 35 + 51 + 82 + 152 + 241 \\
 561 &:= 3^5 + 5^2 + 6^2 + 16^2 + 25^0 = 35 + 52 + 62 + 162 + 250 \\
 561 &:= 3^5 + 5^3 + 11^0 + 13^2 + 23^1 = 35 + 53 + 110 + 132 + 231 \\
 561 &:= 3^5 + 6^1 + 11^2 + 13^2 + 22^1 = 35 + 61 + 112 + 132 + 221 \\
 561 &:= 3^5 + 6^1 + 8^2 + 15^2 + 23^1 = 35 + 61 + 82 + 152 + 231 \\
 561 &:= 3^5 + 6^3 + 9^2 + 17^0 + 20^1 = 35 + 63 + 92 + 170 + 201 \\
 561 &:= 3^5 + 7^1 + 11^2 + 13^2 + 21^1 = 35 + 71 + 112 + 132 + 211 \\
 561 &:= 3^5 + 7^1 + 8^2 + 15^2 + 22^1 = 35 + 71 + 82 + 152 + 221 \\
 561 &:= 3^5 + 8^1 + 11^2 + 13^2 + 20^1 = 35 + 81 + 112 + 132 + 201 \\
 561 &:= 3^5 + 8^1 + 8^2 + 15^2 + 21^1 = 35 + 81 + 82 + 152 + 211
 \end{aligned}$$

$$\begin{aligned}
 561 &:= 3^5 + 8^2 + 10^1 + 15^2 + 19^1 = 35 + 82 + 101 + 152 + 191 \\
 561 &:= 3^5 + 8^2 + 11^1 + 15^2 + 18^1 = 35 + 82 + 111 + 152 + 181 \\
 561 &:= 3^5 + 8^2 + 12^1 + 15^2 + 17^1 = 35 + 82 + 121 + 152 + 171 \\
 561 &:= 3^5 + 8^2 + 13^1 + 15^2 + 16^1 = 35 + 82 + 131 + 152 + 161 \\
 561 &:= 3^5 + 8^2 + 14^1 + 15^1 + 15^2 = 35 + 82 + 141 + 151 + 152 \\
 561 &:= 3^5 + 8^2 + 9^1 + 15^2 + 20^1 = 35 + 82 + 91 + 152 + 201 \\
 561 &:= 3^5 + 9^1 + 11^2 + 13^2 + 19^1 = 35 + 91 + 112 + 132 + 191 \\
 561 &:= 4^2 + 4^4 + 11^2 + 12^2 + 24^1 = 42 + 44 + 112 + 122 + 241 \\
 561 &:= 4^3 + 4^4 + 6^3 + 17^0 + 24^1 = 43 + 44 + 63 + 170 + 241 \\
 561 &:= 4^3 + 5^2 + 5^3 + 18^2 + 23^1 = 43 + 52 + 53 + 182 + 231 \\
 561 &:= 4^4 + 4^4 + 5^2 + 19^0 + 23^1 = 44 + 44 + 52 + 190 + 231 \\
 561 &:= 4^4 + 6^2 + 7^2 + 14^2 + 24^1 = 44 + 62 + 72 + 142 + 241 \\
 561 &:= 4^4 + 7^2 + 8^2 + 13^2 + 23^1 = 44 + 72 + 82 + 132 + 231 \\
 561 &:= 4^4 + 9^2 + 9^2 + 11^2 + 22^1 = 44 + 92 + 92 + 112 + 221 \\
 561 &:= 5^2 + 5^3 + 6^3 + 13^2 + 26^1 = 52 + 53 + 63 + 132 + 261 \\
 561 &:= 5^3 + 5^3 + 11^2 + 13^2 + 21^1 = 53 + 53 + 112 + 132 + 211 \\
 561 &:= 5^3 + 5^3 + 8^2 + 15^2 + 22^1 = 53 + 53 + 82 + 152 + 221
 \end{aligned}$$

2.2.463 Number 562

$$\begin{aligned}
 562 &:= 1^2 + 2^9 + 4^0 + 48^1 = 12 + 29 + 40 + 481 \\
 562 &:= 1^5 + 2^8 + 2^8 + 49^1 = 15 + 28 + 28 + 491 \\
 562 &:= 2^2 + 2^9 + 6^0 + 45^1 = 22 + 29 + 60 + 451 \\
 562 &:= 2^8 + 4^2 + 17^2 + 32^0 = 28 + 42 + 172 + 320 \\
 562 &:= 2^8 + 7^2 + 16^2 + 30^0 = 28 + 72 + 162 + 300 \\
 562 &:= 2^9 + 3^2 + 10^0 + 40^1 = 29 + 32 + 100 + 401 \\
 562 &:= 2^9 + 4^2 + 16^0 + 33^1 = 29 + 42 + 160 + 331 \\
 562 &:= 2^9 + 5^2 + 24^0 + 24^1 = 29 + 52 + 240 + 241 \\
 562 &:= 2^9 + 6^2 + 13^1 + 34^0 = 29 + 62 + 131 + 340 \\
 562 &:= 1^0 + 2^9 + 5^2 + 23^1 + 24^0 = 10 + 29 + 52 + 231 + 240 \\
 562 &:= 1^1 + 2^8 + 15^1 + 17^2 + 20^0 = 11 + 28 + 151 + 172 + 200 \\
 562 &:= 1^1 + 2^9 + 4^0 + 21^1 + 27^1 = 11 + 29 + 40 + 211 + 271 \\
 562 &:= 1^1 + 2^9 + 4^0 + 22^1 + 26^1 = 11 + 29 + 40 + 221 + 261 \\
 562 &:= 1^1 + 2^9 + 4^0 + 23^1 + 25^1 = 11 + 29 + 40 + 231 + 251 \\
 562 &:= 1^1 + 2^9 + 4^0 + 24^1 + 24^1 = 11 + 29 + 40 + 241 + 241 \\
 562 &:= 1^3 + 2^6 + 12^1 + 18^0 + 22^2 = 13 + 26 + 121 + 180 + 222 \\
 562 &:= 1^3 + 3^5 + 11^2 + 14^2 + 26^0 = 13 + 35 + 112 + 142 + 260
 \end{aligned}$$

$$\begin{aligned}
 562 &:= 1^4 + 2^4 + 12^2 + 20^0 + 20^2 = 14 + 24 + 122 + 200 + 202 \\
 562 &:= 1^4 + 2^8 + 2^8 + 22^1 + 27^1 = 14 + 28 + 28 + 221 + 271 \\
 562 &:= 1^4 + 2^8 + 2^8 + 23^1 + 26^1 = 14 + 28 + 28 + 231 + 261 \\
 562 &:= 1^4 + 2^8 + 2^8 + 24^1 + 25^1 = 14 + 28 + 28 + 241 + 251 \\
 562 &:= 1^5 + 2^2 + 3^3 + 23^2 + 26^0 = 15 + 22 + 33 + 232 + 260 \\
 562 &:= 1^5 + 2^4 + 14^0 + 15^1 + 23^2 = 15 + 24 + 140 + 151 + 232 \\
 562 &:= 1^5 + 3^3 + 7^2 + 22^0 + 22^2 = 15 + 33 + 72 + 220 + 222 \\
 562 &:= 1^5 + 3^3 + 8^3 + 21^1 + 22^0 = 15 + 33 + 83 + 211 + 220 \\
 562 &:= 1^5 + 4^4 + 15^1 + 17^2 + 18^0 = 15 + 44 + 151 + 172 + 180 \\
 562 &:= 1^6 + 2^3 + 6^0 + 23^1 + 23^2 = 16 + 23 + 60 + 231 + 232 \\
 562 &:= 1^6 + 3^3 + 4^1 + 23^2 + 24^0 = 16 + 33 + 41 + 232 + 240 \\
 562 &:= 1^6 + 4^2 + 12^2 + 18^0 + 20^2 = 16 + 42 + 122 + 180 + 202 \\
 562 &:= 1^6 + 4^3 + 12^1 + 16^0 + 22^2 = 16 + 43 + 121 + 160 + 222 \\
 562 &:= 1^6 + 5^2 + 8^3 + 18^0 + 23^1 = 16 + 52 + 83 + 180 + 231 \\
 562 &:= 1^6 + 6^3 + 10^0 + 18^2 + 20^1 = 16 + 63 + 100 + 182 + 201 \\
 562 &:= 1^6 + 6^3 + 7^3 + 14^0 + 27^0 = 16 + 63 + 73 + 140 + 270 \\
 562 &:= 1^6 + 6^3 + 7^3 + 15^0 + 26^0 = 16 + 63 + 73 + 150 + 260
 \end{aligned}$$

$$\begin{aligned} 562 &:= 1^6 + 6^3 + 7^3 + 16^0 + 25^0 = 16 + 63 + 73 + 160 + 250 & 562 &:= 2^4 + 3^4 + 8^2 + 20^2 + 22^0 = 24 + 34 + 82 + 202 + 220 \\ 562 &:= 1^6 + 6^3 + 7^3 + 17^0 + 24^0 = 16 + 63 + 73 + 170 + 240 & 562 &:= 2^4 + 3^5 + 13^1 + 17^2 + 20^0 = 24 + 35 + 131 + 172 + 200 \\ 562 &:= 1^6 + 6^3 + 7^3 + 18^0 + 23^0 = 16 + 63 + 73 + 180 + 230 & 562 &:= 2^4 + 4^4 + 8^2 + 15^2 + 26^0 = 24 + 44 + 82 + 152 + 260 \\ 562 &:= 1^6 + 6^3 + 7^3 + 19^0 + 22^0 = 16 + 63 + 73 + 190 + 220 & 562 &:= 2^5 + 3^4 + 7^1 + 21^2 + 22^0 = 25 + 34 + 71 + 212 + 220 \\ 562 &:= 1^6 + 6^3 + 7^3 + 20^0 + 21^0 = 16 + 63 + 73 + 200 + 210 & 562 &:= 2^5 + 4^4 + 16^0 + 16^2 + 17^1 = 25 + 44 + 160 + 162 + 171 \\ 562 &:= 1^6 + 7^3 + 12^0 + 14^2 + 21^1 = 16 + 73 + 120 + 142 + 211 & 562 &:= 2^5 + 6^3 + 12^2 + 13^2 + 22^0 = 25 + 63 + 122 + 132 + 220 \\ 562 &:= 1^7 + 10^0 + 11^1 + 15^2 + 18^2 = 17 + 100 + 111 + 152 + 182 & 562 &:= 2^6 + 4^2 + 15^2 + 16^2 + 18^0 = 26 + 42 + 152 + 162 + 180 \\ 562 &:= 1^7 + 2^0 + 2^2 + 23^2 + 27^1 = 17 + 20 + 22 + 232 + 271 & 562 &:= 2^6 + 4^2 + 9^2 + 20^0 + 20^2 = 26 + 42 + 92 + 200 + 202 \\ 562 &:= 1^7 + 3^1 + 14^2 + 18^0 + 19^2 = 17 + 31 + 142 + 180 + 192 & 562 &:= 2^6 + 5^3 + 11^1 + 18^0 + 19^2 = 26 + 53 + 111 + 180 + 192 \\ 562 &:= 1^7 + 3^2 + 6^0 + 22^1 + 23^2 = 17 + 32 + 60 + 221 + 232 & 562 &:= 2^6 + 6^0 + 6^3 + 16^2 + 25^1 = 26 + 60 + 63 + 162 + 251 \\ 562 &:= 1^7 + 4^0 + 10^2 + 19^1 + 21^2 = 17 + 40 + 102 + 191 + 212 & 562 &:= 2^6 + 6^2 + 10^2 + 18^0 + 19^2 = 26 + 62 + 102 + 180 + 192 \\ 562 &:= 1^7 + 4^2 + 12^0 + 15^1 + 23^2 = 17 + 42 + 120 + 151 + 232 & 562 &:= 2^6 + 7^3 + 10^1 + 12^2 + 24^0 = 26 + 73 + 101 + 122 + 240 \\ 562 &:= 1^7 + 5^2 + 6^1 + 20^0 + 23^2 = 17 + 52 + 61 + 200 + 232 & 562 &:= 2^6 + 8^2 + 12^2 + 16^0 + 17^2 = 26 + 82 + 122 + 160 + 172 \\ 562 &:= 1^7 + 6^0 + 12^2 + 16^1 + 20^2 = 17 + 60 + 122 + 161 + 202 & 562 &:= 2^7 + 12^0 + 12^1 + 14^2 + 15^2 = 27 + 120 + 121 + 142 + 152 \\ 562 &:= 1^7 + 6^0 + 15^1 + 16^2 + 17^2 = 17 + 60 + 151 + 162 + 172 & 562 &:= 2^7 + 3^2 + 6^0 + 20^2 + 24^1 = 27 + 32 + 60 + 202 + 241 \\ 562 &:= 1^7 + 8^2 + 12^0 + 12^1 + 22^2 = 17 + 82 + 120 + 121 + 222 & 562 &:= 2^7 + 4^0 + 7^2 + 19^2 + 23^1 = 27 + 40 + 72 + 192 + 231 \\ 562 &:= 1^8 + 1^9 + 2^2 + 23^2 + 27^1 = 18 + 19 + 22 + 232 + 271 & 562 &:= 2^7 + 4^2 + 12^0 + 17^1 + 20^2 = 27 + 42 + 120 + 171 + 202 \\ 562 &:= 1^9 + 2^9 + 3^3 + 21^1 + 27^0 = 19 + 29 + 33 + 211 + 270 & 562 &:= 2^7 + 5^2 + 8^1 + 20^0 + 20^2 = 27 + 52 + 81 + 200 + 202 \\ 562 &:= 2^0 + 2^7 + 11^2 + 17^2 + 23^1 = 20 + 27 + 112 + 172 + 231 & 562 &:= 2^7 + 8^1 + 13^2 + 16^0 + 16^2 = 27 + 81 + 132 + 160 + 162 \\ 562 &:= 2^0 + 2^9 + 5^2 + 23^0 + 23^1 = 20 + 29 + 52 + 230 + 231 & 562 &:= 2^7 + 8^1 + 8^2 + 18^0 + 19^2 = 27 + 81 + 82 + 180 + 192 \\ 562 &:= 2^1 + 2^8 + 14^1 + 17^2 + 20^0 = 21 + 28 + 141 + 172 + 200 & 562 &:= 2^7 + 9^1 + 10^2 + 16^0 + 18^2 = 27 + 91 + 102 + 160 + 182 \\ 562 &:= 2^1 + 2^9 + 4^0 + 20^1 + 27^1 = 21 + 29 + 40 + 201 + 271 & 562 &:= 2^8 + 3^1 + 13^1 + 17^2 + 20^0 = 28 + 31 + 131 + 172 + 200 \\ 562 &:= 2^1 + 2^9 + 4^0 + 21^1 + 26^1 = 21 + 29 + 40 + 211 + 261 & 562 &:= 2^8 + 4^1 + 12^1 + 17^2 + 20^0 = 28 + 41 + 121 + 172 + 200 \\ 562 &:= 2^1 + 2^9 + 4^0 + 22^1 + 25^1 = 21 + 29 + 40 + 221 + 251 & 562 &:= 2^8 + 5^1 + 11^1 + 17^2 + 20^0 = 28 + 51 + 111 + 172 + 200 \\ 562 &:= 2^1 + 2^9 + 4^0 + 23^1 + 24^1 = 21 + 29 + 40 + 231 + 241 & 562 &:= 2^8 + 6^1 + 10^1 + 17^2 + 20^0 = 28 + 61 + 101 + 172 + 200 \\ 562 &:= 2^2 + 2^5 + 5^3 + 20^2 + 26^0 = 22 + 25 + 53 + 202 + 260 & 562 &:= 2^8 + 7^1 + 9^1 + 17^2 + 20^0 = 28 + 71 + 91 + 172 + 200 \\ 562 &:= 2^2 + 2^6 + 13^2 + 18^2 + 20^0 = 22 + 26 + 132 + 182 + 200 & 562 &:= 2^8 + 8^1 + 8^1 + 17^2 + 20^0 = 28 + 81 + 81 + 172 + 200 \\ 562 &:= 2^2 + 2^6 + 3^2 + 22^2 + 26^0 = 22 + 26 + 32 + 222 + 260 & 562 &:= 2^9 + 3^0 + 5^2 + 22^0 + 23^1 = 29 + 30 + 52 + 220 + 231 \\ 562 &:= 2^3 + 2^3 + 2^4 + 23^2 + 26^0 = 23 + 23 + 24 + 232 + 260 & 562 &:= 2^9 + 3^1 + 4^0 + 19^1 + 27^1 = 29 + 31 + 40 + 191 + 271 \\ 562 &:= 2^3 + 2^5 + 11^2 + 20^0 + 20^2 = 23 + 25 + 112 + 200 + 202 & 562 &:= 2^9 + 3^1 + 4^0 + 20^1 + 26^1 = 29 + 31 + 40 + 201 + 261 \\ 562 &:= 2^3 + 2^6 + 5^1 + 22^2 + 24^0 = 23 + 26 + 51 + 222 + 240 & 562 &:= 2^9 + 3^1 + 4^0 + 21^1 + 25^1 = 29 + 31 + 40 + 211 + 251 \\ 562 &:= 2^4 + 2^4 + 8^3 + 17^1 + 26^0 = 24 + 24 + 83 + 171 + 260 & 562 &:= 2^9 + 3^1 + 4^0 + 22^1 + 24^1 = 29 + 31 + 40 + 221 + 241 \\ 562 &:= 2^4 + 2^5 + 8^3 + 16^0 + 27^0 = 24 + 25 + 83 + 160 + 270 & 562 &:= 2^9 + 3^1 + 4^0 + 23^1 + 23^1 = 29 + 31 + 40 + 231 + 231 \\ 562 &:= 2^4 + 2^5 + 8^3 + 17^0 + 26^0 = 24 + 25 + 83 + 170 + 260 & 562 &:= 2^9 + 4^0 + 10^1 + 12^1 + 27^1 = 29 + 40 + 101 + 121 + 271 \\ 562 &:= 2^4 + 2^5 + 8^3 + 18^0 + 25^0 = 24 + 25 + 83 + 180 + 250 & 562 &:= 2^9 + 4^0 + 10^1 + 13^1 + 26^1 = 29 + 40 + 101 + 131 + 261 \\ 562 &:= 2^4 + 2^5 + 8^3 + 19^0 + 24^0 = 24 + 25 + 83 + 190 + 240 & 562 &:= 2^9 + 4^0 + 10^1 + 14^1 + 25^1 = 29 + 40 + 101 + 141 + 251 \\ 562 &:= 2^4 + 2^5 + 8^3 + 20^0 + 23^0 = 24 + 25 + 83 + 200 + 230 & 562 &:= 2^9 + 4^0 + 10^1 + 15^1 + 24^1 = 29 + 40 + 101 + 151 + 241 \\ 562 &:= 2^4 + 2^5 + 8^3 + 21^0 + 22^0 = 24 + 25 + 83 + 210 + 220 & 562 &:= 2^9 + 4^0 + 10^1 + 16^1 + 23^1 = 29 + 40 + 101 + 161 + 231 \end{aligned}$$

$$\begin{aligned} 562 &:= 2^9 + 4^0 + 10^1 + 17^1 + 22^1 = 29 + 40 + 101 + 171 + 221 & 562 &:= 2^9 + 4^0 + 5^1 + 17^1 + 27^1 = 29 + 40 + 51 + 171 + 271 \\ 562 &:= 2^9 + 4^0 + 10^1 + 18^1 + 21^1 = 29 + 40 + 101 + 181 + 211 & 562 &:= 2^9 + 4^0 + 5^1 + 18^1 + 26^1 = 29 + 40 + 51 + 181 + 261 \\ 562 &:= 2^9 + 4^0 + 10^1 + 19^1 + 20^1 = 29 + 40 + 101 + 191 + 201 & 562 &:= 2^9 + 4^0 + 5^1 + 19^1 + 25^1 = 29 + 40 + 51 + 191 + 251 \\ 562 &:= 2^9 + 4^0 + 11^1 + 11^1 + 27^1 = 29 + 40 + 111 + 111 + 271 & 562 &:= 2^9 + 4^0 + 5^1 + 20^1 + 24^1 = 29 + 40 + 51 + 201 + 241 \\ 562 &:= 2^9 + 4^0 + 11^1 + 12^1 + 26^1 = 29 + 40 + 111 + 121 + 261 & 562 &:= 2^9 + 4^0 + 5^1 + 21^1 + 23^1 = 29 + 40 + 51 + 211 + 231 \\ 562 &:= 2^9 + 4^0 + 11^1 + 13^1 + 25^1 = 29 + 40 + 111 + 131 + 251 & 562 &:= 2^9 + 4^0 + 5^2 + 21^0 + 23^1 = 29 + 40 + 52 + 210 + 231 \\ 562 &:= 2^9 + 4^0 + 11^1 + 14^1 + 24^1 = 29 + 40 + 111 + 141 + 241 & 562 &:= 2^9 + 4^0 + 6^1 + 16^1 + 27^1 = 29 + 40 + 61 + 161 + 271 \\ 562 &:= 2^9 + 4^0 + 11^1 + 15^1 + 23^1 = 29 + 40 + 111 + 151 + 231 & 562 &:= 2^9 + 4^0 + 6^1 + 17^1 + 26^1 = 29 + 40 + 61 + 171 + 261 \\ 562 &:= 2^9 + 4^0 + 11^1 + 16^1 + 22^1 = 29 + 40 + 111 + 161 + 221 & 562 &:= 2^9 + 4^0 + 6^1 + 18^1 + 25^1 = 29 + 40 + 61 + 181 + 251 \\ 562 &:= 2^9 + 4^0 + 11^1 + 17^1 + 21^1 = 29 + 40 + 111 + 171 + 211 & 562 &:= 2^9 + 4^0 + 6^1 + 19^1 + 24^1 = 29 + 40 + 61 + 191 + 241 \\ 562 &:= 2^9 + 4^0 + 11^1 + 18^1 + 20^1 = 29 + 40 + 111 + 181 + 201 & 562 &:= 2^9 + 4^0 + 6^1 + 20^1 + 23^1 = 29 + 40 + 61 + 201 + 231 \\ 562 &:= 2^9 + 4^0 + 11^1 + 19^1 + 19^1 = 29 + 40 + 111 + 191 + 191 & 562 &:= 2^9 + 4^0 + 6^1 + 21^1 + 22^1 = 29 + 40 + 61 + 211 + 221 \\ 562 &:= 2^9 + 4^0 + 12^1 + 12^1 + 25^1 = 29 + 40 + 121 + 121 + 251 & 562 &:= 2^9 + 4^0 + 7^1 + 15^1 + 27^1 = 29 + 40 + 71 + 151 + 271 \\ 562 &:= 2^9 + 4^0 + 12^1 + 13^1 + 24^1 = 29 + 40 + 121 + 131 + 241 & 562 &:= 2^9 + 4^0 + 7^1 + 16^1 + 26^1 = 29 + 40 + 71 + 161 + 261 \\ 562 &:= 2^9 + 4^0 + 12^1 + 14^1 + 23^1 = 29 + 40 + 121 + 141 + 231 & 562 &:= 2^9 + 4^0 + 7^1 + 17^1 + 25^1 = 29 + 40 + 71 + 171 + 251 \\ 562 &:= 2^9 + 4^0 + 12^1 + 15^1 + 22^1 = 29 + 40 + 121 + 151 + 221 & 562 &:= 2^9 + 4^0 + 7^1 + 18^1 + 24^1 = 29 + 40 + 71 + 181 + 241 \\ 562 &:= 2^9 + 4^0 + 12^1 + 16^1 + 21^1 = 29 + 40 + 121 + 161 + 211 & 562 &:= 2^9 + 4^0 + 7^1 + 19^1 + 23^1 = 29 + 40 + 71 + 191 + 231 \\ 562 &:= 2^9 + 4^0 + 12^1 + 17^1 + 20^1 = 29 + 40 + 121 + 171 + 201 & 562 &:= 2^9 + 4^0 + 7^1 + 20^1 + 22^1 = 29 + 40 + 71 + 201 + 221 \\ 562 &:= 2^9 + 4^0 + 12^1 + 18^1 + 19^1 = 29 + 40 + 121 + 181 + 191 & 562 &:= 2^9 + 4^0 + 7^1 + 21^1 + 21^1 = 29 + 40 + 71 + 211 + 211 \\ 562 &:= 2^9 + 4^0 + 13^1 + 13^1 + 23^1 = 29 + 40 + 131 + 131 + 231 & 562 &:= 2^9 + 4^0 + 8^1 + 14^1 + 27^1 = 29 + 40 + 81 + 141 + 271 \\ 562 &:= 2^9 + 4^0 + 13^1 + 14^1 + 22^1 = 29 + 40 + 131 + 141 + 221 & 562 &:= 2^9 + 4^0 + 8^1 + 15^1 + 26^1 = 29 + 40 + 81 + 151 + 261 \\ 562 &:= 2^9 + 4^0 + 13^1 + 15^1 + 21^1 = 29 + 40 + 131 + 151 + 211 & 562 &:= 2^9 + 4^0 + 8^1 + 16^1 + 25^1 = 29 + 40 + 81 + 161 + 251 \\ 562 &:= 2^9 + 4^0 + 13^1 + 16^1 + 20^1 = 29 + 40 + 131 + 161 + 201 & 562 &:= 2^9 + 4^0 + 8^1 + 17^1 + 24^1 = 29 + 40 + 81 + 171 + 241 \\ 562 &:= 2^9 + 4^0 + 13^1 + 17^1 + 19^1 = 29 + 40 + 131 + 171 + 191 & 562 &:= 2^9 + 4^0 + 8^1 + 18^1 + 23^1 = 29 + 40 + 81 + 181 + 231 \\ 562 &:= 2^9 + 4^0 + 13^1 + 18^1 + 18^1 = 29 + 40 + 131 + 181 + 181 & 562 &:= 2^9 + 4^0 + 8^1 + 19^1 + 22^1 = 29 + 40 + 81 + 191 + 221 \\ 562 &:= 2^9 + 4^0 + 14^1 + 14^1 + 21^1 = 29 + 40 + 141 + 141 + 211 & 562 &:= 2^9 + 4^0 + 8^1 + 20^1 + 21^1 = 29 + 40 + 81 + 201 + 211 \\ 562 &:= 2^9 + 4^0 + 14^1 + 15^1 + 20^1 = 29 + 40 + 141 + 151 + 201 & 562 &:= 2^9 + 4^0 + 9^1 + 13^1 + 27^1 = 29 + 40 + 91 + 131 + 271 \\ 562 &:= 2^9 + 4^0 + 14^1 + 16^1 + 19^1 = 29 + 40 + 141 + 161 + 191 & 562 &:= 2^9 + 4^0 + 9^1 + 14^1 + 26^1 = 29 + 40 + 91 + 141 + 261 \\ 562 &:= 2^9 + 4^0 + 14^1 + 17^1 + 18^1 = 29 + 40 + 141 + 171 + 181 & 562 &:= 2^9 + 4^0 + 9^1 + 15^1 + 25^1 = 29 + 40 + 91 + 151 + 251 \\ 562 &:= 2^9 + 4^0 + 15^1 + 15^1 + 19^1 = 29 + 40 + 151 + 151 + 191 & 562 &:= 2^9 + 4^0 + 9^1 + 16^1 + 24^1 = 29 + 40 + 91 + 161 + 241 \\ 562 &:= 2^9 + 4^0 + 15^1 + 16^1 + 18^1 = 29 + 40 + 151 + 161 + 181 & 562 &:= 2^9 + 4^0 + 9^1 + 17^1 + 23^1 = 29 + 40 + 91 + 171 + 231 \\ 562 &:= 2^9 + 4^0 + 15^1 + 17^1 + 17^1 = 29 + 40 + 151 + 171 + 171 & 562 &:= 2^9 + 4^0 + 9^1 + 18^1 + 22^1 = 29 + 40 + 91 + 181 + 221 \\ 562 &:= 2^9 + 4^0 + 16^1 + 16^1 + 17^1 = 29 + 40 + 161 + 161 + 171 & 562 &:= 2^9 + 4^0 + 9^1 + 19^1 + 21^1 = 29 + 40 + 91 + 191 + 211 \\ 562 &:= 2^9 + 4^0 + 4^1 + 18^1 + 27^1 = 29 + 40 + 41 + 181 + 271 & 562 &:= 2^9 + 4^0 + 9^1 + 20^1 + 20^1 = 29 + 40 + 91 + 201 + 201 \\ 562 &:= 2^9 + 4^0 + 4^1 + 19^1 + 26^1 = 29 + 40 + 41 + 191 + 261 & 562 &:= 2^9 + 5^0 + 5^2 + 20^0 + 23^1 = 29 + 50 + 52 + 200 + 231 \\ 562 &:= 2^9 + 4^0 + 4^1 + 20^1 + 25^1 = 29 + 40 + 41 + 201 + 251 & 562 &:= 2^9 + 5^2 + 10^0 + 15^0 + 23^1 = 29 + 52 + 100 + 150 + 231 \\ 562 &:= 2^9 + 4^0 + 4^1 + 21^1 + 24^1 = 29 + 40 + 41 + 211 + 241 & 562 &:= 2^9 + 5^2 + 11^0 + 14^0 + 23^1 = 29 + 52 + 110 + 140 + 231 \\ 562 &:= 2^9 + 4^0 + 4^1 + 22^1 + 23^1 = 29 + 40 + 41 + 221 + 231 \end{aligned}$$

$$\begin{aligned}
 562 &:= 2^9 + 5^2 + 12^0 + 13^0 + 23^1 = 29 + 52 + 120 + 130 + 231 \\
 562 &:= 2^9 + 5^2 + 6^0 + 19^0 + 23^1 = 29 + 52 + 60 + 190 + 231 \\
 562 &:= 2^9 + 5^2 + 7^0 + 18^0 + 23^1 = 29 + 52 + 70 + 180 + 231 \\
 562 &:= 2^9 + 5^2 + 8^0 + 17^0 + 23^1 = 29 + 52 + 80 + 170 + 231 \\
 562 &:= 2^9 + 5^2 + 9^0 + 16^0 + 23^1 = 29 + 52 + 90 + 160 + 231 \\
 562 &:= 2^9 + 6^2 + 10^0 + 12^1 + 25^0 = 29 + 62 + 100 + 121 + 250 \\
 562 &:= 2^9 + 6^2 + 11^0 + 12^1 + 24^0 = 29 + 62 + 110 + 121 + 240 \\
 562 &:= 2^9 + 6^2 + 12^0 + 12^1 + 23^0 = 29 + 62 + 120 + 121 + 230 \\
 562 &:= 2^9 + 6^2 + 12^1 + 13^0 + 22^0 = 29 + 62 + 121 + 130 + 220 \\
 562 &:= 2^9 + 6^2 + 12^1 + 14^0 + 21^0 = 29 + 62 + 121 + 140 + 210
 \end{aligned}$$

$$\begin{aligned}
 562 &:= 2^9 + 6^2 + 12^1 + 15^0 + 20^0 = 29 + 62 + 121 + 150 + 200 \\
 562 &:= 2^9 + 6^2 + 12^1 + 16^0 + 19^0 = 29 + 62 + 121 + 160 + 190 \\
 562 &:= 2^9 + 6^2 + 12^1 + 17^0 + 18^0 = 29 + 62 + 121 + 170 + 180 \\
 562 &:= 2^9 + 6^2 + 8^0 + 12^1 + 27^0 = 29 + 62 + 80 + 121 + 270 \\
 562 &:= 2^9 + 6^2 + 9^0 + 12^1 + 26^0 = 29 + 62 + 90 + 121 + 260 \\
 562 &:= 3^3 + 4^4 + 4^4 + 22^0 + 22^1 = 33 + 44 + 44 + 220 + 221 \\
 562 &:= 3^4 + 3^5 + 12^1 + 15^2 + 22^0 = 34 + 35 + 121 + 152 + 220 \\
 562 &:= 3^5 + 4^4 + 6^2 + 16^0 + 26^1 = 35 + 44 + 62 + 160 + 261
 \end{aligned}$$

2.2.464 Number 563

$$\begin{aligned}
 563 &:= 1^2 + 2^9 + 7^2 + 45^0 = 12 + 29 + 72 + 450 \\
 563 &:= 1^3 + 2^9 + 3^0 + 49^1 = 13 + 29 + 30 + 491 \\
 563 &:= 1^6 + 2^5 + 23^2 + 29^0 = 16 + 25 + 232 + 290 \\
 563 &:= 1^8 + 2^2 + 23^2 + 29^1 = 18 + 22 + 232 + 291 \\
 563 &:= 1^8 + 7^2 + 8^3 + 39^0 = 18 + 72 + 83 + 390 \\
 563 &:= 2^3 + 2^9 + 9^0 + 42^1 = 23 + 29 + 90 + 421 \\
 563 &:= 2^8 + 9^2 + 14^2 + 30^1 = 28 + 92 + 142 + 301 \\
 563 &:= 2^9 + 3^3 + 23^1 + 27^0 = 29 + 33 + 231 + 270 \\
 563 &:= 2^9 + 5^2 + 5^2 + 43^0 = 29 + 52 + 52 + 430 \\
 563 &:= 1^0 + 2^9 + 3^3 + 22^1 + 27^0 = 10 + 29 + 33 + 221 + 270 \\
 563 &:= 1^1 + 2^7 + 11^2 + 17^2 + 24^1 = 11 + 27 + 112 + 172 + 241 \\
 563 &:= 1^1 + 2^9 + 5^2 + 23^0 + 24^1 = 11 + 29 + 52 + 230 + 241 \\
 563 &:= 1^2 + 2^7 + 12^2 + 17^2 + 23^0 = 12 + 27 + 122 + 172 + 230 \\
 563 &:= 1^2 + 2^8 + 16^1 + 17^2 + 19^0 = 12 + 28 + 161 + 172 + 190 \\
 563 &:= 1^2 + 2^9 + 3^0 + 22^1 + 27^1 = 12 + 29 + 30 + 221 + 271 \\
 563 &:= 1^2 + 2^9 + 3^0 + 23^1 + 26^1 = 12 + 29 + 30 + 231 + 261 \\
 563 &:= 1^2 + 2^9 + 3^0 + 24^1 + 25^1 = 12 + 29 + 30 + 241 + 251 \\
 563 &:= 1^3 + 2^4 + 2^4 + 23^2 + 27^0 = 13 + 24 + 24 + 232 + 270 \\
 563 &:= 1^4 + 2^5 + 8^3 + 17^1 + 27^0 = 14 + 25 + 83 + 171 + 270 \\
 563 &:= 1^4 + 2^6 + 13^1 + 17^0 + 22^2 = 14 + 26 + 131 + 170 + 222 \\
 563 &:= 1^5 + 2^4 + 16^2 + 17^2 + 19^0 = 15 + 24 + 162 + 172 + 190 \\
 563 &:= 1^5 + 2^4 + 4^2 + 23^2 + 25^0 = 15 + 24 + 42 + 232 + 250 \\
 563 &:= 1^5 + 4^4 + 7^2 + 16^2 + 27^0 = 15 + 44 + 72 + 162 + 270 \\
 563 &:= 1^6 + 2^4 + 13^0 + 16^1 + 23^2 = 16 + 24 + 130 + 161 + 232 \\
 563 &:= 1^6 + 3^3 + 8^3 + 21^0 + 22^1 = 16 + 33 + 83 + 210 + 221 \\
 563 &:= 1^6 + 4^4 + 16^1 + 17^0 + 17^2 = 16 + 44 + 161 + 170 + 172
 \end{aligned}$$

$$\begin{aligned}
 563 &:= 1^6 + 5^2 + 14^2 + 17^1 + 18^2 = 16 + 52 + 142 + 171 + 182 \\
 563 &:= 1^6 + 5^3 + 6^2 + 20^2 + 23^0 = 16 + 53 + 62 + 202 + 230 \\
 563 &:= 1^6 + 7^2 + 7^3 + 13^2 + 27^0 = 16 + 72 + 73 + 132 + 270 \\
 563 &:= 1^6 + 8^2 + 11^2 + 16^1 + 19^2 = 16 + 82 + 112 + 161 + 192 \\
 563 &:= 1^6 + 8^2 + 9^2 + 17^1 + 20^2 = 16 + 82 + 92 + 171 + 202 \\
 563 &:= 1^7 + 10^2 + 10^2 + 15^0 + 19^2 = 17 + 102 + 102 + 150 + 192 \\
 563 &:= 1^7 + 13^0 + 13^2 + 14^2 + 14^2 = 17 + 130 + 132 + 142 + 142 \\
 563 &:= 1^7 + 2^1 + 2^2 + 23^2 + 27^1 = 17 + 21 + 22 + 232 + 271 \\
 563 &:= 1^7 + 2^2 + 10^1 + 19^1 + 23^2 = 17 + 22 + 101 + 191 + 232 \\
 563 &:= 1^7 + 2^2 + 11^1 + 18^1 + 23^2 = 17 + 22 + 111 + 181 + 232 \\
 563 &:= 1^7 + 2^2 + 12^1 + 17^1 + 23^2 = 17 + 22 + 121 + 171 + 232 \\
 563 &:= 1^7 + 2^2 + 13^1 + 16^1 + 23^2 = 17 + 22 + 131 + 161 + 232 \\
 563 &:= 1^7 + 2^2 + 14^1 + 15^1 + 23^2 = 17 + 22 + 141 + 151 + 232 \\
 563 &:= 1^7 + 2^2 + 14^2 + 19^0 + 19^2 = 17 + 22 + 142 + 190 + 192 \\
 563 &:= 1^7 + 2^2 + 3^1 + 23^2 + 26^1 = 17 + 22 + 31 + 232 + 261 \\
 563 &:= 1^7 + 2^2 + 4^1 + 23^2 + 25^1 = 17 + 22 + 41 + 232 + 251 \\
 563 &:= 1^7 + 2^2 + 5^1 + 23^2 + 24^1 = 17 + 22 + 51 + 232 + 241 \\
 563 &:= 1^7 + 2^2 + 6^1 + 23^1 + 23^2 = 17 + 22 + 61 + 231 + 232 \\
 563 &:= 1^7 + 2^2 + 7^1 + 22^1 + 23^2 = 17 + 22 + 71 + 221 + 232 \\
 563 &:= 1^7 + 2^2 + 8^1 + 21^1 + 23^2 = 17 + 22 + 81 + 211 + 232 \\
 563 &:= 1^7 + 2^2 + 9^1 + 20^1 + 23^2 = 17 + 22 + 91 + 201 + 232 \\
 563 &:= 1^7 + 2^3 + 5^0 + 23^2 + 24^1 = 17 + 23 + 50 + 232 + 241 \\
 563 &:= 1^7 + 3^3 + 5^1 + 23^0 + 23^2 = 17 + 33 + 51 + 230 + 232 \\
 563 &:= 1^7 + 4^2 + 16^2 + 17^0 + 17^2 = 17 + 42 + 162 + 170 + 172 \\
 563 &:= 1^7 + 4^2 + 4^2 + 23^0 + 23^2 = 17 + 42 + 42 + 230 + 232 \\
 563 &:= 1^7 + 4^3 + 13^1 + 15^0 + 22^2 = 17 + 43 + 131 + 150 + 222
 \end{aligned}$$

$$\begin{aligned}
 563 &:= 1^7 + 5^2 + 8^3 + 17^0 + 24^1 = 17 + 52 + 83 + 170 + 241 & 563 &:= 2^4 + 2^5 + 15^2 + 17^2 + 19^0 = 24 + 25 + 152 + 172 + 190 \\
 563 &:= 1^7 + 6^2 + 8^3 + 13^1 + 27^0 = 17 + 62 + 83 + 131 + 270 & 563 &:= 2^4 + 3^4 + 11^2 + 18^2 + 21^1 = 24 + 34 + 112 + 182 + 211 \\
 563 &:= 1^7 + 6^3 + 9^0 + 18^2 + 21^1 = 17 + 63 + 90 + 182 + 211 & 563 &:= 2^4 + 4^4 + 11^2 + 12^2 + 26^1 = 24 + 44 + 112 + 122 + 261 \\
 563 &:= 1^7 + 7^2 + 15^0 + 16^2 + 16^2 = 17 + 72 + 150 + 162 + 162 & 563 &:= 2^5 + 2^5 + 14^1 + 15^0 + 22^2 = 25 + 25 + 141 + 150 + 222 \\
 563 &:= 1^7 + 7^3 + 11^0 + 14^2 + 22^1 = 17 + 73 + 110 + 142 + 221 & 563 &:= 2^5 + 3^3 + 14^2 + 17^2 + 19^1 = 25 + 33 + 142 + 172 + 191 \\
 563 &:= 1^8 + 3^0 + 10^2 + 20^1 + 21^2 = 18 + 30 + 102 + 201 + 212 & 563 &:= 2^5 + 3^4 + 7^2 + 20^2 + 23^0 = 25 + 34 + 72 + 202 + 230 \\
 563 &:= 1^8 + 3^2 + 5^0 + 23^1 + 23^2 = 18 + 32 + 50 + 231 + 232 & 563 &:= 2^5 + 4^4 + 7^2 + 15^2 + 27^0 = 25 + 44 + 72 + 152 + 270 \\
 563 &:= 1^8 + 4^1 + 14^2 + 17^0 + 19^2 = 18 + 41 + 142 + 170 + 192 & 563 &:= 2^6 + 12^2 + 12^2 + 14^2 + 15^1 = 26 + 122 + 122 + 142 + 151 \\
 563 &:= 1^8 + 4^2 + 11^0 + 16^1 + 23^2 = 18 + 42 + 110 + 161 + 232 & 563 &:= 2^6 + 3^2 + 5^2 + 21^2 + 24^1 = 26 + 32 + 52 + 212 + 241 \\
 563 &:= 1^8 + 5^0 + 12^2 + 17^1 + 20^2 = 18 + 50 + 122 + 171 + 202 & 563 &:= 2^6 + 3^4 + 13^0 + 17^1 + 20^2 = 26 + 34 + 130 + 171 + 202 \\
 563 &:= 1^8 + 5^0 + 16^1 + 16^2 + 17^2 = 18 + 50 + 161 + 162 + 172 & 563 &:= 2^6 + 4^4 + 15^2 + 17^0 + 17^1 = 26 + 44 + 152 + 170 + 171 \\
 563 &:= 1^8 + 5^2 + 7^1 + 19^0 + 23^2 = 18 + 52 + 71 + 190 + 232 & 563 &:= 2^6 + 5^3 + 7^2 + 18^2 + 23^0 = 26 + 53 + 72 + 182 + 230 \\
 563 &:= 1^8 + 8^2 + 11^0 + 13^1 + 22^2 = 18 + 82 + 110 + 131 + 222 & 563 &:= 2^6 + 6^2 + 11^2 + 18^1 + 18^2 = 26 + 62 + 112 + 181 + 182 \\
 563 &:= 1^8 + 9^0 + 12^1 + 15^2 + 18^2 = 18 + 90 + 121 + 152 + 182 & 563 &:= 2^6 + 7^2 + 12^2 + 17^1 + 17^2 = 26 + 72 + 122 + 171 + 172 \\
 563 &:= 2^0 + 2^9 + 3^3 + 22^1 + 26^0 = 20 + 29 + 33 + 221 + 260 & 563 &:= 2^6 + 7^3 + 10^1 + 11^2 + 25^1 = 26 + 73 + 101 + 112 + 251 \\
 563 &:= 2^1 + 2^7 + 11^2 + 17^2 + 23^1 = 21 + 27 + 112 + 172 + 231 & 563 &:= 2^6 + 7^3 + 11^1 + 11^2 + 24^1 = 26 + 73 + 111 + 112 + 241 \\
 563 &:= 2^1 + 2^9 + 5^2 + 23^0 + 23^1 = 21 + 29 + 52 + 230 + 231 & 563 &:= 2^6 + 7^3 + 11^2 + 12^1 + 23^1 = 26 + 73 + 112 + 121 + 231 \\
 563 &:= 2^2 + 2^7 + 10^1 + 20^2 + 21^1 = 22 + 27 + 101 + 202 + 211 & 563 &:= 2^6 + 7^3 + 11^2 + 13^1 + 22^1 = 26 + 73 + 112 + 131 + 221 \\
 563 &:= 2^2 + 2^7 + 11^1 + 20^1 + 20^2 = 22 + 27 + 111 + 201 + 202 & 563 &:= 2^6 + 7^3 + 11^2 + 14^1 + 21^1 = 26 + 73 + 112 + 141 + 211 \\
 563 &:= 2^2 + 2^7 + 12^1 + 19^1 + 20^2 = 22 + 27 + 121 + 191 + 202 & 563 &:= 2^6 + 7^3 + 11^2 + 15^1 + 20^1 = 26 + 73 + 112 + 151 + 201 \\
 563 &:= 2^2 + 2^7 + 13^1 + 18^1 + 20^2 = 22 + 27 + 131 + 181 + 202 & 563 &:= 2^6 + 7^3 + 11^2 + 16^1 + 19^1 = 26 + 73 + 112 + 161 + 191 \\
 563 &:= 2^2 + 2^7 + 14^1 + 17^1 + 20^2 = 22 + 27 + 141 + 171 + 202 & 563 &:= 2^6 + 7^3 + 11^2 + 17^1 + 18^1 = 26 + 73 + 112 + 171 + 181 \\
 563 &:= 2^2 + 2^7 + 15^1 + 16^1 + 20^2 = 22 + 27 + 151 + 161 + 202 & 563 &:= 2^6 + 7^3 + 8^1 + 11^2 + 27^1 = 26 + 73 + 81 + 112 + 271 \\
 563 &:= 2^2 + 2^7 + 4^1 + 20^2 + 27^1 = 22 + 27 + 41 + 202 + 271 & 563 &:= 2^6 + 7^3 + 9^1 + 11^2 + 26^1 = 26 + 73 + 91 + 112 + 261 \\
 563 &:= 2^2 + 2^7 + 5^1 + 20^2 + 26^1 = 22 + 27 + 51 + 202 + 261 & 563 &:= 2^7 + 10^1 + 11^2 + 15^1 + 17^2 = 27 + 101 + 112 + 151 + 172 \\
 563 &:= 2^2 + 2^7 + 6^1 + 20^2 + 25^1 = 22 + 27 + 61 + 202 + 251 & 563 &:= 2^7 + 11^1 + 11^2 + 14^1 + 17^2 = 27 + 111 + 112 + 141 + 172 \\
 563 &:= 2^2 + 2^7 + 7^1 + 20^2 + 24^1 = 22 + 27 + 71 + 202 + 241 & 563 &:= 2^7 + 11^2 + 12^1 + 13^1 + 17^2 = 27 + 112 + 121 + 131 + 172 \\
 563 &:= 2^2 + 2^7 + 8^1 + 20^2 + 23^1 = 22 + 27 + 81 + 202 + 231 & 563 &:= 2^7 + 11^2 + 12^2 + 13^2 + 17^0 = 27 + 112 + 122 + 132 + 170 \\
 563 &:= 2^2 + 2^7 + 9^1 + 20^2 + 22^1 = 22 + 27 + 91 + 202 + 221 & 563 &:= 2^7 + 3^1 + 11^2 + 17^2 + 22^1 = 27 + 31 + 112 + 172 + 221 \\
 563 &:= 2^2 + 2^8 + 13^1 + 17^2 + 21^0 = 22 + 28 + 131 + 172 + 210 & 563 &:= 2^7 + 3^2 + 13^2 + 16^2 + 21^0 = 27 + 32 + 132 + 162 + 210 \\
 563 &:= 2^2 + 2^9 + 5^0 + 19^1 + 27^1 = 22 + 29 + 50 + 191 + 271 & 563 &:= 2^7 + 3^2 + 5^2 + 20^2 + 25^0 = 27 + 32 + 52 + 202 + 250 \\
 563 &:= 2^2 + 2^9 + 5^0 + 20^1 + 26^1 = 22 + 29 + 50 + 201 + 261 & 563 &:= 2^7 + 3^2 + 8^2 + 19^2 + 23^0 = 27 + 32 + 82 + 192 + 230 \\
 563 &:= 2^2 + 2^9 + 5^0 + 21^1 + 25^1 = 22 + 29 + 50 + 211 + 251 & 563 &:= 2^7 + 3^3 + 7^1 + 20^2 + 23^0 = 27 + 33 + 71 + 202 + 230 \\
 563 &:= 2^2 + 2^9 + 5^0 + 22^1 + 24^1 = 22 + 29 + 50 + 221 + 241 & 563 &:= 2^7 + 4^1 + 11^2 + 17^2 + 21^1 = 27 + 41 + 112 + 172 + 211 \\
 563 &:= 2^2 + 2^9 + 5^0 + 23^1 + 23^1 = 22 + 29 + 50 + 231 + 231 & 563 &:= 2^7 + 4^3 + 9^1 + 19^2 + 21^0 = 27 + 43 + 91 + 192 + 210 \\
 563 &:= 2^3 + 2^6 + 7^2 + 21^2 + 23^0 = 23 + 26 + 72 + 212 + 230 & 563 &:= 2^7 + 5^1 + 11^2 + 17^2 + 20^1 = 27 + 51 + 112 + 172 + 201 \\
 563 &:= 2^3 + 2^7 + 5^0 + 20^2 + 26^1 = 23 + 27 + 50 + 202 + 261 & 563 &:= 2^7 + 5^3 + 11^0 + 17^2 + 20^1 = 27 + 53 + 110 + 172 + 201 \\
 563 &:= 2^4 + 2^4 + 16^2 + 16^2 + 19^1 = 24 + 24 + 162 + 162 + 191 & 563 &:= 2^7 + 6^1 + 11^2 + 17^2 + 19^1 = 27 + 61 + 112 + 172 + 191
 \end{aligned}$$

$$\begin{aligned}
 563 &:= 2^7 + 6^3 + 11^0 + 14^2 + 22^1 = 27 + 63 + 110 + 142 + 221 \\
 563 &:= 2^7 + 7^1 + 11^2 + 17^2 + 18^1 = 27 + 71 + 112 + 172 + 181 \\
 563 &:= 2^7 + 7^3 + 8^2 + 11^0 + 27^1 = 27 + 73 + 82 + 110 + 271 \\
 563 &:= 2^7 + 7^3 + 9^2 + 10^1 + 27^0 = 27 + 73 + 92 + 101 + 270 \\
 563 &:= 2^7 + 8^1 + 11^2 + 17^1 + 17^2 = 27 + 81 + 112 + 171 + 172 \\
 563 &:= 2^7 + 8^2 + 9^2 + 17^2 + 19^0 = 27 + 82 + 92 + 172 + 190 \\
 563 &:= 2^7 + 9^1 + 11^2 + 16^1 + 17^2 = 27 + 91 + 112 + 161 + 172 \\
 563 &:= 2^8 + 10^1 + 10^2 + 14^2 + 19^0 = 28 + 101 + 102 + 142 + 190 \\
 563 &:= 2^8 + 11^0 + 12^2 + 12^2 + 18^1 = 28 + 110 + 122 + 122 + 181 \\
 563 &:= 2^8 + 11^2 + 13^0 + 13^2 + 16^1 = 28 + 112 + 130 + 132 + 161 \\
 563 &:= 2^8 + 3^2 + 8^1 + 17^2 + 25^0 = 28 + 32 + 81 + 172 + 250 \\
 563 &:= 2^8 + 5^2 + 7^0 + 16^2 + 25^1 = 28 + 52 + 70 + 162 + 251 \\
 563 &:= 2^8 + 6^2 + 14^1 + 16^2 + 17^0 = 28 + 62 + 141 + 162 + 170 \\
 563 &:= 2^8 + 8^2 + 13^0 + 15^2 + 17^1 = 28 + 82 + 130 + 152 + 171 \\
 563 &:= 2^9 + 3^0 + 3^3 + 22^1 + 25^0 = 29 + 30 + 33 + 221 + 250 \\
 563 &:= 2^9 + 3^1 + 5^2 + 22^1 + 23^0 = 29 + 31 + 52 + 221 + 230 \\
 563 &:= 2^9 + 3^2 + 9^0 + 14^1 + 27^1 = 29 + 32 + 90 + 141 + 271 \\
 563 &:= 2^9 + 3^2 + 9^0 + 15^1 + 26^1 = 29 + 32 + 90 + 151 + 261 \\
 563 &:= 2^9 + 3^2 + 9^0 + 16^1 + 25^1 = 29 + 32 + 90 + 161 + 251 \\
 563 &:= 2^9 + 3^2 + 9^0 + 17^1 + 24^1 = 29 + 32 + 90 + 171 + 241 \\
 563 &:= 2^9 + 3^2 + 9^0 + 18^1 + 23^1 = 29 + 32 + 90 + 181 + 231 \\
 563 &:= 2^9 + 3^2 + 9^0 + 19^1 + 22^1 = 29 + 32 + 90 + 191 + 221 \\
 563 &:= 2^9 + 3^2 + 9^0 + 20^1 + 21^1 = 29 + 32 + 90 + 201 + 211 \\
 563 &:= 2^9 + 3^3 + 10^0 + 18^0 + 22^1 = 29 + 33 + 100 + 180 + 221 \\
 563 &:= 2^9 + 3^3 + 11^0 + 17^0 + 22^1 = 29 + 33 + 110 + 170 + 221 \\
 563 &:= 2^9 + 3^3 + 12^0 + 16^0 + 22^1 = 29 + 33 + 120 + 160 + 221 \\
 563 &:= 2^9 + 3^3 + 13^0 + 15^0 + 22^1 = 29 + 33 + 130 + 150 + 221 \\
 563 &:= 2^9 + 3^3 + 14^0 + 14^0 + 22^1 = 29 + 33 + 140 + 140 + 221 \\
 563 &:= 2^9 + 3^3 + 4^0 + 22^1 + 24^0 = 29 + 33 + 40 + 221 + 240
 \end{aligned}$$

$$\begin{aligned}
 563 &:= 2^9 + 3^3 + 5^0 + 22^1 + 23^0 = 29 + 33 + 50 + 221 + 230 \\
 563 &:= 2^9 + 3^3 + 6^0 + 22^0 + 22^1 = 29 + 33 + 60 + 220 + 221 \\
 563 &:= 2^9 + 3^3 + 7^0 + 21^0 + 22^1 = 29 + 33 + 70 + 210 + 221 \\
 563 &:= 2^9 + 3^3 + 8^0 + 20^0 + 22^1 = 29 + 33 + 80 + 200 + 221 \\
 563 &:= 2^9 + 3^3 + 9^0 + 19^0 + 22^1 = 29 + 33 + 90 + 190 + 221 \\
 563 &:= 2^9 + 4^1 + 5^2 + 21^1 + 23^0 = 29 + 41 + 52 + 211 + 230 \\
 563 &:= 2^9 + 4^2 + 10^1 + 15^0 + 24^1 = 29 + 42 + 101 + 150 + 241 \\
 563 &:= 2^9 + 4^2 + 11^1 + 15^0 + 23^1 = 29 + 42 + 111 + 150 + 231 \\
 563 &:= 2^9 + 4^2 + 12^1 + 15^0 + 22^1 = 29 + 42 + 121 + 150 + 221 \\
 563 &:= 2^9 + 4^2 + 13^1 + 15^0 + 21^1 = 29 + 42 + 131 + 150 + 211 \\
 563 &:= 2^9 + 4^2 + 14^1 + 15^0 + 20^1 = 29 + 42 + 141 + 150 + 201 \\
 563 &:= 2^9 + 4^2 + 15^0 + 15^1 + 19^1 = 29 + 42 + 150 + 151 + 191 \\
 563 &:= 2^9 + 4^2 + 15^0 + 16^1 + 18^1 = 29 + 42 + 150 + 161 + 181 \\
 563 &:= 2^9 + 4^2 + 15^0 + 17^1 + 17^1 = 29 + 42 + 150 + 171 + 171 \\
 563 &:= 2^9 + 4^2 + 7^1 + 15^0 + 27^1 = 29 + 42 + 71 + 150 + 271 \\
 563 &:= 2^9 + 4^2 + 8^1 + 15^0 + 26^1 = 29 + 42 + 81 + 150 + 261 \\
 563 &:= 2^9 + 4^2 + 9^1 + 15^0 + 25^1 = 29 + 42 + 91 + 150 + 251 \\
 563 &:= 2^9 + 5^1 + 5^2 + 20^1 + 23^0 = 29 + 51 + 52 + 201 + 230 \\
 563 &:= 2^9 + 5^2 + 10^1 + 15^1 + 23^0 = 29 + 52 + 101 + 151 + 230 \\
 563 &:= 2^9 + 5^2 + 11^1 + 14^1 + 23^0 = 29 + 52 + 111 + 141 + 230 \\
 563 &:= 2^9 + 5^2 + 12^1 + 13^1 + 23^0 = 29 + 52 + 121 + 131 + 230 \\
 563 &:= 2^9 + 5^2 + 6^1 + 19^1 + 23^0 = 29 + 52 + 61 + 191 + 230 \\
 563 &:= 2^9 + 5^2 + 7^1 + 18^1 + 23^0 = 29 + 52 + 71 + 181 + 230 \\
 563 &:= 2^9 + 5^2 + 8^1 + 17^1 + 23^0 = 29 + 52 + 81 + 171 + 230 \\
 563 &:= 2^9 + 5^2 + 9^1 + 16^1 + 23^0 = 29 + 52 + 91 + 161 + 230 \\
 563 &:= 3^4 + 3^5 + 6^3 + 21^0 + 22^1 = 34 + 35 + 63 + 210 + 221 \\
 563 &:= 3^5 + 3^5 + 7^2 + 15^0 + 27^1 = 35 + 35 + 72 + 150 + 271
 \end{aligned}$$

2.2.465 Number 564

$$\begin{aligned}
 564 &:= 1^0 + 11^2 + 21^2 + 23^0 = 10 + 112 + 212 + 230 \\
 564 &:= 1^4 + 2^0 + 2^9 + 50^1 = 14 + 20 + 29 + 501 \\
 564 &:= 1^5 + 1^9 + 2^9 + 50^1 = 15 + 19 + 29 + 501 \\
 564 &:= 1^6 + 1^8 + 2^9 + 50^1 = 16 + 18 + 29 + 501 \\
 564 &:= 1^7 + 1^7 + 2^9 + 50^1 = 17 + 17 + 29 + 501 \\
 564 &:= 10^0 + 11^2 + 14^0 + 21^2 = 100 + 112 + 140 + 212 \\
 564 &:= 11^0 + 11^2 + 13^0 + 21^2 = 110 + 112 + 130 + 212
 \end{aligned}$$

$$\begin{aligned}
 564 &:= 11^2 + 12^0 + 12^0 + 21^2 = 112 + 120 + 120 + 212 \\
 564 &:= 2^0 + 11^2 + 21^2 + 22^0 = 20 + 112 + 212 + 220 \\
 564 &:= 2^4 + 2^9 + 16^0 + 35^1 = 24 + 29 + 160 + 351 \\
 564 &:= 3^0 + 11^2 + 21^0 + 21^2 = 30 + 112 + 210 + 212 \\
 564 &:= 4^0 + 11^2 + 20^0 + 21^2 = 40 + 112 + 200 + 212 \\
 564 &:= 5^0 + 11^2 + 19^0 + 21^2 = 50 + 112 + 190 + 212 \\
 564 &:= 6^0 + 11^2 + 18^0 + 21^2 = 60 + 112 + 180 + 212
 \end{aligned}$$

$$\begin{aligned}
 564 &:= 7^0 + 11^2 + 17^0 + 21^2 = 70 + 112 + 170 + 212 \\
 564 &:= 8^0 + 11^2 + 16^0 + 21^2 = 80 + 112 + 160 + 212 \\
 564 &:= 9^0 + 11^2 + 15^0 + 21^2 = 90 + 112 + 150 + 212 \\
 564 &:= 1^1 + 2^9 + 3^3 + 23^1 + 26^0 = 11 + 29 + 33 + 231 + 260 \\
 564 &:= 1^2 + 2^9 + 5^2 + 22^0 + 25^1 = 12 + 29 + 52 + 220 + 251 \\
 564 &:= 1^3 + 2^0 + 2^9 + 23^1 + 27^1 = 13 + 20 + 29 + 231 + 271 \\
 564 &:= 1^3 + 2^0 + 2^9 + 24^1 + 26^1 = 13 + 20 + 29 + 241 + 261 \\
 564 &:= 1^3 + 2^0 + 2^9 + 25^1 + 25^1 = 13 + 20 + 29 + 251 + 251 \\
 564 &:= 1^3 + 2^8 + 17^1 + 17^2 + 18^0 = 13 + 28 + 171 + 172 + 180 \\
 564 &:= 1^3 + 2^9 + 7^2 + 18^0 + 27^0 = 13 + 29 + 72 + 180 + 270 \\
 564 &:= 1^3 + 2^9 + 7^2 + 19^0 + 26^0 = 13 + 29 + 72 + 190 + 260 \\
 564 &:= 1^3 + 2^9 + 7^2 + 20^0 + 25^0 = 13 + 29 + 72 + 200 + 250 \\
 564 &:= 1^3 + 2^9 + 7^2 + 21^0 + 24^0 = 13 + 29 + 72 + 210 + 240 \\
 564 &:= 1^3 + 2^9 + 7^2 + 22^0 + 23^0 = 13 + 29 + 72 + 220 + 230 \\
 564 &:= 1^4 + 1^9 + 2^9 + 23^1 + 27^1 = 14 + 19 + 29 + 231 + 271 \\
 564 &:= 1^4 + 1^9 + 2^9 + 24^1 + 26^1 = 14 + 19 + 29 + 241 + 261 \\
 564 &:= 1^4 + 1^9 + 2^9 + 25^1 + 25^1 = 14 + 19 + 29 + 251 + 251 \\
 564 &:= 1^5 + 1^8 + 2^9 + 23^1 + 27^1 = 15 + 18 + 29 + 231 + 271 \\
 564 &:= 1^5 + 1^8 + 2^9 + 24^1 + 26^1 = 15 + 18 + 29 + 241 + 261 \\
 564 &:= 1^5 + 1^8 + 2^9 + 25^1 + 25^1 = 15 + 18 + 29 + 251 + 251 \\
 564 &:= 1^5 + 2^5 + 13^2 + 19^2 + 20^0 = 15 + 25 + 132 + 192 + 200 \\
 564 &:= 1^5 + 2^5 + 8^3 + 18^1 + 26^0 = 15 + 25 + 83 + 181 + 260 \\
 564 &:= 1^5 + 2^6 + 14^1 + 16^0 + 22^2 = 15 + 26 + 141 + 160 + 222 \\
 564 &:= 1^6 + 1^7 + 2^9 + 23^1 + 27^1 = 16 + 17 + 29 + 231 + 271 \\
 564 &:= 1^6 + 1^7 + 2^9 + 24^1 + 26^1 = 16 + 17 + 29 + 241 + 261 \\
 564 &:= 1^6 + 1^7 + 2^9 + 25^1 + 25^1 = 16 + 17 + 29 + 251 + 251 \\
 564 &:= 1^6 + 3^4 + 15^2 + 16^2 + 20^0 = 16 + 34 + 152 + 162 + 200 \\
 564 &:= 1^6 + 3^4 + 9^2 + 20^2 + 22^0 = 16 + 34 + 92 + 202 + 220 \\
 564 &:= 1^6 + 4^4 + 9^2 + 15^2 + 26^0 = 16 + 44 + 92 + 152 + 260 \\
 564 &:= 1^7 + 2^0 + 2^5 + 23^2 + 27^0 = 17 + 20 + 25 + 232 + 270 \\
 564 &:= 1^7 + 2^3 + 5^2 + 23^2 + 24^0 = 17 + 23 + 52 + 232 + 240 \\
 564 &:= 1^7 + 2^4 + 12^0 + 17^1 + 23^2 = 17 + 24 + 120 + 171 + 232 \\
 564 &:= 1^7 + 2^5 + 10^0 + 19^0 + 23^2 = 17 + 25 + 100 + 190 + 232 \\
 564 &:= 1^7 + 2^5 + 11^0 + 18^0 + 23^2 = 17 + 25 + 110 + 180 + 232 \\
 564 &:= 1^7 + 2^5 + 12^0 + 17^0 + 23^2 = 17 + 25 + 120 + 170 + 232 \\
 564 &:= 1^7 + 2^5 + 13^0 + 16^0 + 23^2 = 17 + 25 + 130 + 160 + 232 \\
 564 &:= 1^7 + 2^5 + 14^0 + 15^0 + 23^2 = 17 + 25 + 140 + 150 + 232 \\
 564 &:= 1^7 + 2^5 + 3^0 + 23^2 + 26^0 = 17 + 25 + 30 + 232 + 260
 \end{aligned}$$

$$\begin{aligned}
 564 &:= 1^7 + 2^5 + 4^0 + 23^2 + 25^0 = 17 + 25 + 40 + 232 + 250 \\
 564 &:= 1^7 + 2^5 + 5^0 + 23^2 + 24^0 = 17 + 25 + 50 + 232 + 240 \\
 564 &:= 1^7 + 2^5 + 6^0 + 23^0 + 23^2 = 17 + 25 + 60 + 230 + 232 \\
 564 &:= 1^7 + 2^5 + 7^0 + 22^0 + 23^2 = 17 + 25 + 70 + 220 + 232 \\
 564 &:= 1^7 + 2^5 + 8^0 + 21^0 + 23^2 = 17 + 25 + 80 + 210 + 232 \\
 564 &:= 1^7 + 2^5 + 9^0 + 20^0 + 23^2 = 17 + 25 + 90 + 200 + 232 \\
 564 &:= 1^7 + 3^3 + 8^3 + 20^0 + 23^1 = 17 + 33 + 83 + 200 + 231 \\
 564 &:= 1^7 + 4^4 + 16^0 + 17^1 + 17^2 = 17 + 44 + 160 + 171 + 172 \\
 564 &:= 1^7 + 6^3 + 11^2 + 15^2 + 22^0 = 17 + 63 + 112 + 152 + 220 \\
 564 &:= 1^8 + 1^9 + 2^5 + 23^2 + 27^0 = 18 + 19 + 25 + 232 + 270 \\
 564 &:= 1^8 + 2^3 + 4^0 + 23^2 + 25^1 = 18 + 23 + 40 + 232 + 251 \\
 564 &:= 1^8 + 3^3 + 6^1 + 22^0 + 23^2 = 18 + 33 + 61 + 220 + 232 \\
 564 &:= 1^8 + 4^3 + 14^0 + 14^1 + 22^2 = 18 + 43 + 140 + 141 + 222 \\
 564 &:= 1^8 + 5^2 + 8^3 + 16^0 + 25^1 = 18 + 52 + 83 + 160 + 251 \\
 564 &:= 1^8 + 6^2 + 8^3 + 14^1 + 26^0 = 18 + 62 + 83 + 141 + 260 \\
 564 &:= 1^8 + 6^3 + 8^0 + 18^2 + 22^1 = 18 + 63 + 80 + 182 + 221 \\
 564 &:= 1^8 + 7^3 + 10^0 + 14^2 + 23^1 = 18 + 73 + 100 + 142 + 231 \\
 564 &:= 1^8 + 9^2 + 14^0 + 15^2 + 16^2 = 18 + 92 + 140 + 152 + 162 \\
 564 &:= 1^8 + 9^2 + 9^2 + 16^0 + 20^2 = 18 + 92 + 92 + 160 + 202 \\
 564 &:= 1^9 + 2^0 + 10^2 + 21^1 + 21^2 = 19 + 20 + 102 + 211 + 212 \\
 564 &:= 1^9 + 3^2 + 4^0 + 23^2 + 24^1 = 19 + 32 + 40 + 232 + 241 \\
 564 &:= 1^9 + 4^0 + 12^2 + 18^1 + 20^2 = 19 + 40 + 122 + 181 + 202 \\
 564 &:= 1^9 + 4^0 + 16^2 + 17^1 + 17^2 = 19 + 40 + 162 + 171 + 172 \\
 564 &:= 1^9 + 4^2 + 10^0 + 17^1 + 23^2 = 19 + 42 + 100 + 171 + 232 \\
 564 &:= 1^9 + 5^1 + 14^2 + 16^0 + 19^2 = 19 + 51 + 142 + 160 + 192 \\
 564 &:= 1^9 + 5^2 + 8^1 + 18^0 + 23^2 = 19 + 52 + 81 + 180 + 232 \\
 564 &:= 1^9 + 7^2 + 8^3 + 12^0 + 27^0 = 19 + 72 + 83 + 120 + 270 \\
 564 &:= 1^9 + 7^2 + 8^3 + 13^0 + 26^0 = 19 + 72 + 83 + 130 + 260 \\
 564 &:= 1^9 + 7^2 + 8^3 + 14^0 + 25^0 = 19 + 72 + 83 + 140 + 250 \\
 564 &:= 1^9 + 7^2 + 8^3 + 15^0 + 24^0 = 19 + 72 + 83 + 150 + 240 \\
 564 &:= 1^9 + 7^2 + 8^3 + 16^0 + 23^0 = 19 + 72 + 83 + 160 + 230 \\
 564 &:= 1^9 + 7^2 + 8^3 + 17^0 + 22^0 = 19 + 72 + 83 + 170 + 220 \\
 564 &:= 1^9 + 7^2 + 8^3 + 18^0 + 21^0 = 19 + 72 + 83 + 180 + 210 \\
 564 &:= 1^9 + 7^2 + 8^3 + 19^0 + 20^0 = 19 + 72 + 83 + 190 + 200 \\
 564 &:= 1^9 + 8^0 + 13^1 + 15^2 + 18^2 = 19 + 80 + 131 + 152 + 182 \\
 564 &:= 1^9 + 8^2 + 10^0 + 14^1 + 22^2 = 19 + 82 + 100 + 141 + 222 \\
 564 &:= 2^1 + 2^9 + 3^3 + 22^1 + 26^0 = 21 + 29 + 33 + 221 + 260 \\
 564 &:= 2^2 + 2^9 + 5^2 + 22^1 + 24^0 = 22 + 29 + 52 + 221 + 240
 \end{aligned}$$

$$\begin{aligned}
 564 &:= 2^3 + 2^8 + 10^1 + 17^2 + 24^0 = 23 + 28 + 101 + 172 + 240 \\
 564 &:= 2^3 + 2^9 + 8^0 + 16^1 + 27^1 = 23 + 29 + 80 + 161 + 271 \\
 564 &:= 2^3 + 2^9 + 8^0 + 17^1 + 26^1 = 23 + 29 + 80 + 171 + 261 \\
 564 &:= 2^3 + 2^9 + 8^0 + 18^1 + 25^1 = 23 + 29 + 80 + 181 + 251 \\
 564 &:= 2^3 + 2^9 + 8^0 + 19^1 + 24^1 = 23 + 29 + 80 + 191 + 241 \\
 564 &:= 2^3 + 2^9 + 8^0 + 20^1 + 23^1 = 23 + 29 + 80 + 201 + 231 \\
 564 &:= 2^3 + 2^9 + 8^0 + 21^1 + 22^1 = 23 + 29 + 80 + 211 + 221 \\
 564 &:= 2^4 + 2^7 + 12^0 + 19^1 + 20^2 = 24 + 27 + 120 + 191 + 202 \\
 564 &:= 2^5 + 2^6 + 4^0 + 21^2 + 26^1 = 25 + 26 + 40 + 212 + 261 \\
 564 &:= 2^5 + 3^5 + 12^2 + 12^2 + 26^0 = 25 + 35 + 122 + 122 + 260 \\
 564 &:= 2^5 + 4^4 + 4^4 + 19^1 + 26^0 = 25 + 44 + 44 + 191 + 260 \\
 564 &:= 2^6 + 4^4 + 6^3 + 16^0 + 27^1 = 26 + 44 + 63 + 160 + 271 \\
 564 &:= 2^7 + 4^4 + 10^1 + 13^2 + 26^0 = 27 + 44 + 101 + 132 + 260 \\
 564 &:= 2^8 + 3^3 + 10^0 + 16^2 + 24^1 = 28 + 33 + 100 + 162 + 241 \\
 564 &:= 2^8 + 3^4 + 10^0 + 15^2 + 25^0 = 28 + 34 + 100 + 152 + 250 \\
 564 &:= 2^8 + 3^4 + 11^0 + 15^2 + 24^0 = 28 + 34 + 110 + 152 + 240 \\
 564 &:= 2^8 + 3^4 + 12^0 + 15^2 + 23^0 = 28 + 34 + 120 + 152 + 230 \\
 564 &:= 2^8 + 3^4 + 13^0 + 15^2 + 22^0 = 28 + 34 + 130 + 152 + 220 \\
 564 &:= 2^8 + 3^4 + 14^0 + 15^2 + 21^0 = 28 + 34 + 140 + 152 + 210 \\
 564 &:= 2^8 + 3^4 + 15^0 + 15^2 + 20^0 = 28 + 34 + 150 + 152 + 200
 \end{aligned}$$

$$\begin{aligned}
 564 &:= 2^8 + 3^4 + 15^2 + 16^0 + 19^0 = 28 + 34 + 152 + 160 + 190 \\
 564 &:= 2^8 + 3^4 + 15^2 + 17^0 + 18^0 = 28 + 34 + 152 + 170 + 180 \\
 564 &:= 2^8 + 3^4 + 8^0 + 15^2 + 27^0 = 28 + 34 + 80 + 152 + 270 \\
 564 &:= 2^8 + 3^4 + 9^0 + 15^2 + 26^0 = 28 + 34 + 90 + 152 + 260 \\
 564 &:= 2^8 + 4^3 + 15^2 + 16^0 + 18^1 = 28 + 43 + 152 + 160 + 181 \\
 564 &:= 2^8 + 5^3 + 13^1 + 13^2 + 22^0 = 28 + 53 + 131 + 132 + 220 \\
 564 &:= 2^8 + 6^3 + 8^2 + 12^0 + 27^1 = 28 + 63 + 82 + 120 + 271 \\
 564 &:= 2^9 + 3^1 + 3^3 + 21^1 + 26^0 = 29 + 31 + 33 + 211 + 260 \\
 564 &:= 2^9 + 3^2 + 4^2 + 20^0 + 26^1 = 29 + 32 + 42 + 200 + 261 \\
 564 &:= 2^9 + 3^3 + 10^1 + 14^1 + 26^0 = 29 + 33 + 101 + 141 + 260 \\
 564 &:= 2^9 + 3^3 + 11^1 + 13^1 + 26^0 = 29 + 33 + 111 + 131 + 260 \\
 564 &:= 2^9 + 3^3 + 12^1 + 12^1 + 26^0 = 29 + 33 + 121 + 121 + 260 \\
 564 &:= 2^9 + 3^3 + 4^1 + 20^1 + 26^0 = 29 + 33 + 41 + 201 + 260 \\
 564 &:= 2^9 + 3^3 + 5^1 + 19^1 + 26^0 = 29 + 33 + 51 + 191 + 260 \\
 564 &:= 2^9 + 3^3 + 6^1 + 18^1 + 26^0 = 29 + 33 + 61 + 181 + 260 \\
 564 &:= 2^9 + 3^3 + 7^1 + 17^1 + 26^0 = 29 + 33 + 71 + 171 + 260 \\
 564 &:= 2^9 + 3^3 + 8^1 + 16^1 + 26^0 = 29 + 33 + 81 + 161 + 260 \\
 564 &:= 2^9 + 3^3 + 9^1 + 15^1 + 26^0 = 29 + 33 + 91 + 151 + 260 \\
 564 &:= 2^9 + 4^2 + 4^2 + 19^1 + 26^0 = 29 + 42 + 42 + 191 + 260
 \end{aligned}$$

2.2.466 Number 565

$$\begin{aligned}
 565 &:= 1^5 + 2^9 + 52^1 = 15 + 29 + 521 \\
 565 &:= 1^0 + 1^5 + 2^9 + 51^1 = 10 + 15 + 29 + 511 \\
 565 &:= 1^1 + 1^4 + 2^9 + 51^1 = 11 + 14 + 29 + 511 \\
 565 &:= 1^2 + 1^3 + 2^9 + 51^1 = 12 + 13 + 29 + 511 \\
 565 &:= 1^4 + 2^1 + 2^9 + 50^1 = 14 + 21 + 29 + 501 \\
 565 &:= 1^4 + 2^9 + 10^1 + 42^1 = 14 + 29 + 101 + 421 \\
 565 &:= 1^4 + 2^9 + 11^1 + 41^1 = 14 + 29 + 111 + 411 \\
 565 &:= 1^4 + 2^9 + 12^1 + 40^1 = 14 + 29 + 121 + 401 \\
 565 &:= 1^4 + 2^9 + 13^1 + 39^1 = 14 + 29 + 131 + 391 \\
 565 &:= 1^4 + 2^9 + 14^1 + 38^1 = 14 + 29 + 141 + 381 \\
 565 &:= 1^4 + 2^9 + 15^1 + 37^1 = 14 + 29 + 151 + 371 \\
 565 &:= 1^4 + 2^9 + 16^1 + 36^1 = 14 + 29 + 161 + 361 \\
 565 &:= 1^4 + 2^9 + 17^1 + 35^1 = 14 + 29 + 171 + 351 \\
 565 &:= 1^4 + 2^9 + 18^1 + 34^1 = 14 + 29 + 181 + 341 \\
 565 &:= 1^4 + 2^9 + 19^1 + 33^1 = 14 + 29 + 191 + 331
 \end{aligned}$$

$$\begin{aligned}
 565 &:= 1^4 + 2^9 + 20^1 + 32^1 = 14 + 29 + 201 + 321 \\
 565 &:= 1^4 + 2^9 + 21^1 + 31^1 = 14 + 29 + 211 + 311 \\
 565 &:= 1^4 + 2^9 + 22^1 + 30^1 = 14 + 29 + 221 + 301 \\
 565 &:= 1^4 + 2^9 + 23^1 + 29^1 = 14 + 29 + 231 + 291 \\
 565 &:= 1^4 + 2^9 + 24^1 + 28^1 = 14 + 29 + 241 + 281 \\
 565 &:= 1^4 + 2^9 + 25^1 + 27^1 = 14 + 29 + 251 + 271 \\
 565 &:= 1^4 + 2^9 + 26^1 + 26^1 = 14 + 29 + 261 + 261 \\
 565 &:= 1^4 + 2^9 + 3^1 + 49^1 = 14 + 29 + 31 + 491 \\
 565 &:= 1^4 + 2^9 + 4^1 + 48^1 = 14 + 29 + 41 + 481 \\
 565 &:= 1^4 + 2^9 + 5^1 + 47^1 = 14 + 29 + 51 + 471 \\
 565 &:= 1^4 + 2^9 + 6^1 + 46^1 = 14 + 29 + 61 + 461 \\
 565 &:= 1^4 + 2^9 + 7^1 + 45^1 = 14 + 29 + 71 + 451 \\
 565 &:= 1^4 + 2^9 + 8^1 + 44^1 = 14 + 29 + 81 + 441 \\
 565 &:= 1^4 + 2^9 + 9^1 + 43^1 = 14 + 29 + 91 + 431 \\
 565 &:= 1^5 + 2^9 + 52^1 = 15 + 29 + 521
 \end{aligned}$$

$565 := 1^8 + 2^3 + 8^3 + 44^1$	$= 18 + 23 + 83 + 441$	$565 := 1^1 + 9^0 + 11^2 + 14^0 + 21^2$	$= 11 + 90 + 112 + 140 + 212$
$565 := 1^9 + 3^2 + 8^3 + 43^1$	$= 19 + 32 + 83 + 431$	$565 := 1^2 + 1^2 + 2^9 + 24^1 + 27^1$	$= 12 + 12 + 29 + 241 + 271$
$565 := 2^0 + 10^2 + 21^2 + 23^1$	$= 20 + 102 + 212 + 231$	$565 := 1^2 + 1^2 + 2^9 + 25^1 + 26^1$	$= 12 + 12 + 29 + 251 + 261$
$565 := 2^1 + 11^2 + 21^2 + 22^0$	$= 21 + 112 + 212 + 220$	$565 := 1^2 + 1^8 + 10^2 + 21^2 + 22^1$	$= 12 + 18 + 102 + 212 + 221$
$565 := 2^4 + 2^9 + 6^2 + 45^0$	$= 24 + 29 + 62 + 450$	$565 := 1^2 + 1^9 + 11^2 + 21^0 + 21^2$	$= 12 + 19 + 112 + 210 + 212$
$565 := 2^5 + 2^9 + 20^1 + 31^0$	$= 25 + 29 + 201 + 310$	$565 := 1^2 + 2^9 + 3^3 + 24^1 + 25^0$	$= 12 + 29 + 33 + 241 + 250$
$565 := 3^2 + 4^0 + 23^2 + 26^1$	$= 32 + 40 + 232 + 261$	$565 := 1^3 + 1^7 + 10^2 + 21^2 + 22^1$	$= 13 + 17 + 102 + 212 + 221$
$565 := 4^0 + 12^2 + 20^1 + 20^2$	$= 40 + 122 + 201 + 202$	$565 := 1^3 + 1^8 + 11^2 + 21^0 + 21^2$	$= 13 + 18 + 112 + 210 + 212$
$565 := 4^0 + 16^2 + 17^2 + 19^1$	$= 40 + 162 + 172 + 191$	$565 := 1^3 + 2^1 + 2^9 + 23^1 + 27^1$	$= 13 + 21 + 29 + 231 + 271$
$565 := 4^2 + 10^0 + 19^1 + 23^2$	$= 42 + 100 + 191 + 232$	$565 := 1^3 + 2^1 + 2^9 + 24^1 + 26^1$	$= 13 + 21 + 29 + 241 + 261$
$565 := 5^2 + 10^1 + 18^0 + 23^2$	$= 52 + 101 + 180 + 232$	$565 := 1^3 + 2^1 + 2^9 + 25^1 + 25^1$	$= 13 + 21 + 29 + 251 + 251$
$565 := 7^1 + 14^2 + 16^0 + 19^2$	$= 71 + 142 + 160 + 192$	$565 := 1^3 + 2^7 + 7^2 + 19^2 + 26^1$	$= 13 + 27 + 72 + 192 + 261$
$565 := 8^0 + 15^1 + 15^2 + 18^2$	$= 80 + 151 + 152 + 182$	$565 := 1^3 + 2^9 + 10^1 + 15^1 + 27^1$	$= 13 + 29 + 101 + 151 + 271$
$565 := 8^2 + 10^0 + 16^1 + 22^2$	$= 82 + 100 + 161 + 222$	$565 := 1^3 + 2^9 + 10^1 + 16^1 + 26^1$	$= 13 + 29 + 101 + 161 + 261$
$565 := 1^0 + 1^1 + 11^2 + 21^2 + 22^0$	$= 10 + 11 + 112 + 212 + 220$	$565 := 1^3 + 2^9 + 10^1 + 17^1 + 25^1$	$= 13 + 29 + 101 + 171 + 251$
$565 := 1^0 + 1^4 + 2^9 + 24^1 + 27^1$	$= 10 + 14 + 29 + 241 + 271$	$565 := 1^3 + 2^9 + 10^1 + 18^1 + 24^1$	$= 13 + 29 + 101 + 181 + 241$
$565 := 1^0 + 1^4 + 2^9 + 25^1 + 26^1$	$= 10 + 14 + 29 + 251 + 261$	$565 := 1^3 + 2^9 + 10^1 + 19^1 + 23^1$	$= 13 + 29 + 101 + 191 + 231$
$565 := 1^0 + 2^0 + 10^2 + 21^2 + 22^1$	$= 10 + 20 + 102 + 212 + 221$	$565 := 1^3 + 2^9 + 10^1 + 20^1 + 22^1$	$= 13 + 29 + 101 + 201 + 221$
$565 := 1^0 + 3^2 + 4^0 + 23^2 + 25^1$	$= 10 + 32 + 40 + 232 + 251$	$565 := 1^3 + 2^9 + 10^1 + 21^1 + 21^1$	$= 13 + 29 + 101 + 211 + 211$
$565 := 1^0 + 4^0 + 12^2 + 19^1 + 20^2$	$= 10 + 40 + 122 + 191 + 202$	$565 := 1^3 + 2^9 + 11^1 + 14^1 + 27^1$	$= 13 + 29 + 111 + 141 + 271$
$565 := 1^0 + 4^0 + 16^2 + 17^2 + 18^1$	$= 10 + 40 + 162 + 172 + 181$	$565 := 1^3 + 2^9 + 11^1 + 15^1 + 26^1$	$= 13 + 29 + 111 + 151 + 261$
$565 := 1^0 + 4^2 + 10^0 + 18^1 + 23^2$	$= 10 + 42 + 100 + 181 + 232$	$565 := 1^3 + 2^9 + 11^1 + 16^1 + 25^1$	$= 13 + 29 + 111 + 161 + 251$
$565 := 1^0 + 5^2 + 9^1 + 18^0 + 23^2$	$= 10 + 52 + 91 + 180 + 232$	$565 := 1^3 + 2^9 + 11^1 + 17^1 + 24^1$	$= 13 + 29 + 111 + 171 + 241$
$565 := 1^0 + 6^1 + 14^2 + 16^0 + 19^2$	$= 10 + 61 + 142 + 160 + 192$	$565 := 1^3 + 2^9 + 11^1 + 18^1 + 23^1$	$= 13 + 29 + 111 + 181 + 231$
$565 := 1^0 + 8^0 + 14^1 + 15^2 + 18^2$	$= 10 + 80 + 141 + 152 + 182$	$565 := 1^3 + 2^9 + 11^1 + 19^1 + 22^1$	$= 13 + 29 + 111 + 191 + 221$
$565 := 1^0 + 8^2 + 10^0 + 15^1 + 22^2$	$= 10 + 82 + 100 + 151 + 222$	$565 := 1^3 + 2^9 + 11^1 + 20^1 + 21^1$	$= 13 + 29 + 111 + 201 + 211$
$565 := 1^1 + 1^3 + 2^9 + 24^1 + 27^1$	$= 11 + 13 + 29 + 241 + 271$	$565 := 1^3 + 2^9 + 12^1 + 13^1 + 27^1$	$= 13 + 29 + 121 + 131 + 271$
$565 := 1^1 + 1^3 + 2^9 + 25^1 + 26^1$	$= 11 + 13 + 29 + 251 + 261$	$565 := 1^3 + 2^9 + 12^1 + 14^1 + 26^1$	$= 13 + 29 + 121 + 141 + 261$
$565 := 1^1 + 1^9 + 10^2 + 21^2 + 22^1$	$= 11 + 19 + 102 + 212 + 221$	$565 := 1^3 + 2^9 + 12^1 + 15^1 + 25^1$	$= 13 + 29 + 121 + 151 + 251$
$565 := 1^1 + 10^0 + 11^2 + 13^0 + 21^2$	$= 11 + 100 + 112 + 130 + 212$	$565 := 1^3 + 2^9 + 12^1 + 16^1 + 24^1$	$= 13 + 29 + 121 + 161 + 241$
$565 := 1^1 + 11^0 + 11^2 + 12^0 + 21^2$	$= 11 + 110 + 112 + 120 + 212$	$565 := 1^3 + 2^9 + 12^1 + 17^1 + 23^1$	$= 13 + 29 + 121 + 171 + 231$
$565 := 1^1 + 2^0 + 11^2 + 21^0 + 21^2$	$= 11 + 20 + 112 + 210 + 212$	$565 := 1^3 + 2^9 + 12^1 + 18^1 + 22^1$	$= 13 + 29 + 121 + 181 + 221$
$565 := 1^1 + 3^0 + 11^2 + 20^0 + 21^2$	$= 11 + 30 + 112 + 200 + 212$	$565 := 1^3 + 2^9 + 12^1 + 19^1 + 21^1$	$= 13 + 29 + 121 + 191 + 211$
$565 := 1^1 + 4^0 + 11^2 + 19^0 + 21^2$	$= 11 + 40 + 112 + 190 + 212$	$565 := 1^3 + 2^9 + 12^1 + 20^1 + 20^1$	$= 13 + 29 + 121 + 201 + 201$
$565 := 1^1 + 5^0 + 11^2 + 18^0 + 21^2$	$= 11 + 50 + 112 + 180 + 212$	$565 := 1^3 + 2^9 + 13^1 + 13^1 + 26^1$	$= 13 + 29 + 131 + 131 + 261$
$565 := 1^1 + 6^0 + 11^2 + 17^0 + 21^2$	$= 11 + 60 + 112 + 170 + 212$	$565 := 1^3 + 2^9 + 13^1 + 14^1 + 25^1$	$= 13 + 29 + 131 + 141 + 251$
$565 := 1^1 + 7^0 + 11^2 + 16^0 + 21^2$	$= 11 + 70 + 112 + 160 + 212$	$565 := 1^3 + 2^9 + 13^1 + 15^1 + 24^1$	$= 13 + 29 + 131 + 151 + 241$
$565 := 1^1 + 8^0 + 11^2 + 15^0 + 21^2$	$= 11 + 80 + 112 + 150 + 212$	$565 := 1^3 + 2^9 + 13^1 + 16^1 + 23^1$	$= 13 + 29 + 131 + 161 + 231$

$$\begin{aligned} 565 &:= 1^3 + 2^9 + 13^1 + 17^1 + 22^1 = 13 + 29 + 131 + 171 + 221 & 565 &:= 1^3 + 2^9 + 7^1 + 22^1 + 23^1 = 13 + 29 + 71 + 221 + 231 \\ 565 &:= 1^3 + 2^9 + 13^1 + 18^1 + 21^1 = 13 + 29 + 131 + 181 + 211 & 565 &:= 1^3 + 2^9 + 8^1 + 17^1 + 27^1 = 13 + 29 + 81 + 171 + 271 \\ 565 &:= 1^3 + 2^9 + 13^1 + 19^1 + 20^1 = 13 + 29 + 131 + 191 + 201 & 565 &:= 1^3 + 2^9 + 8^1 + 18^1 + 26^1 = 13 + 29 + 81 + 181 + 261 \\ 565 &:= 1^3 + 2^9 + 14^1 + 14^1 + 24^1 = 13 + 29 + 141 + 141 + 241 & 565 &:= 1^3 + 2^9 + 8^1 + 19^1 + 25^1 = 13 + 29 + 81 + 191 + 251 \\ 565 &:= 1^3 + 2^9 + 14^1 + 15^1 + 23^1 = 13 + 29 + 141 + 151 + 231 & 565 &:= 1^3 + 2^9 + 8^1 + 20^1 + 24^1 = 13 + 29 + 81 + 201 + 241 \\ 565 &:= 1^3 + 2^9 + 14^1 + 16^1 + 22^1 = 13 + 29 + 141 + 161 + 221 & 565 &:= 1^3 + 2^9 + 8^1 + 21^1 + 23^1 = 13 + 29 + 81 + 211 + 231 \\ 565 &:= 1^3 + 2^9 + 14^1 + 17^1 + 21^1 = 13 + 29 + 141 + 171 + 211 & 565 &:= 1^3 + 2^9 + 8^1 + 22^1 + 22^1 = 13 + 29 + 81 + 221 + 221 \\ 565 &:= 1^3 + 2^9 + 14^1 + 18^1 + 20^1 = 13 + 29 + 141 + 181 + 201 & 565 &:= 1^3 + 2^9 + 9^1 + 16^1 + 27^1 = 13 + 29 + 91 + 161 + 271 \\ 565 &:= 1^3 + 2^9 + 14^1 + 19^1 + 19^1 = 13 + 29 + 141 + 191 + 191 & 565 &:= 1^3 + 2^9 + 9^1 + 17^1 + 26^1 = 13 + 29 + 91 + 171 + 261 \\ 565 &:= 1^3 + 2^9 + 15^1 + 15^1 + 22^1 = 13 + 29 + 151 + 151 + 221 & 565 &:= 1^3 + 2^9 + 9^1 + 18^1 + 25^1 = 13 + 29 + 91 + 181 + 251 \\ 565 &:= 1^3 + 2^9 + 15^1 + 16^1 + 21^1 = 13 + 29 + 151 + 161 + 211 & 565 &:= 1^3 + 2^9 + 9^1 + 19^1 + 24^1 = 13 + 29 + 91 + 191 + 241 \\ 565 &:= 1^3 + 2^9 + 15^1 + 17^1 + 20^1 = 13 + 29 + 151 + 171 + 201 & 565 &:= 1^3 + 2^9 + 9^1 + 20^1 + 23^1 = 13 + 29 + 91 + 201 + 231 \\ 565 &:= 1^3 + 2^9 + 15^1 + 18^1 + 19^1 = 13 + 29 + 151 + 181 + 191 & 565 &:= 1^3 + 2^9 + 9^1 + 21^1 + 22^1 = 13 + 29 + 91 + 211 + 221 \\ 565 &:= 1^3 + 2^9 + 16^1 + 16^1 + 20^1 = 13 + 29 + 161 + 161 + 201 & 565 &:= 1^4 + 1^6 + 10^2 + 21^2 + 22^1 = 14 + 16 + 102 + 212 + 221 \\ 565 &:= 1^3 + 2^9 + 16^1 + 17^1 + 19^1 = 13 + 29 + 161 + 171 + 191 & 565 &:= 1^4 + 1^7 + 11^2 + 21^0 + 21^2 = 14 + 17 + 112 + 210 + 212 \\ 565 &:= 1^3 + 2^9 + 16^1 + 18^1 + 18^1 = 13 + 29 + 161 + 181 + 181 & 565 &:= 1^4 + 2^5 + 4^3 + 21^2 + 27^1 = 14 + 25 + 43 + 212 + 271 \\ 565 &:= 1^3 + 2^9 + 17^1 + 17^1 + 18^1 = 13 + 29 + 171 + 171 + 181 & 565 &:= 1^4 + 2^8 + 17^0 + 17^2 + 18^1 = 14 + 28 + 170 + 172 + 181 \\ 565 &:= 1^3 + 2^9 + 3^1 + 22^1 + 27^1 = 13 + 29 + 31 + 221 + 271 & 565 &:= 1^5 + 1^5 + 10^2 + 21^2 + 22^1 = 15 + 15 + 102 + 212 + 221 \\ 565 &:= 1^3 + 2^9 + 3^1 + 23^1 + 26^1 = 13 + 29 + 31 + 231 + 261 & 565 &:= 1^5 + 1^6 + 11^2 + 21^0 + 21^2 = 15 + 16 + 112 + 210 + 212 \\ 565 &:= 1^3 + 2^9 + 3^1 + 24^1 + 25^1 = 13 + 29 + 31 + 241 + 251 & 565 &:= 1^5 + 2^5 + 16^2 + 16^2 + 20^1 = 15 + 25 + 162 + 162 + 201 \\ 565 &:= 1^3 + 2^9 + 4^1 + 21^1 + 27^1 = 13 + 29 + 41 + 211 + 271 & 565 &:= 1^6 + 2^5 + 8^3 + 19^1 + 25^0 = 16 + 25 + 83 + 191 + 250 \\ 565 &:= 1^3 + 2^9 + 4^1 + 22^1 + 26^1 = 13 + 29 + 41 + 221 + 261 & 565 &:= 1^6 + 2^6 + 15^0 + 15^1 + 22^2 = 16 + 26 + 150 + 151 + 222 \\ 565 &:= 1^3 + 2^9 + 4^1 + 23^1 + 25^1 = 13 + 29 + 41 + 231 + 251 & 565 &:= 1^6 + 3^3 + 3^3 + 22^2 + 26^1 = 16 + 33 + 33 + 222 + 261 \\ 565 &:= 1^3 + 2^9 + 4^1 + 24^1 + 24^1 = 13 + 29 + 41 + 241 + 241 & 565 &:= 1^6 + 3^4 + 10^2 + 19^2 + 22^1 = 16 + 34 + 102 + 192 + 221 \\ 565 &:= 1^3 + 2^9 + 5^1 + 20^1 + 27^1 = 13 + 29 + 51 + 201 + 271 & 565 &:= 1^6 + 3^4 + 4^2 + 21^2 + 26^1 = 16 + 34 + 42 + 212 + 261 \\ 565 &:= 1^3 + 2^9 + 5^1 + 21^1 + 26^1 = 13 + 29 + 51 + 211 + 261 & 565 &:= 1^6 + 3^5 + 8^2 + 16^2 + 27^0 = 16 + 35 + 82 + 162 + 270 \\ 565 &:= 1^3 + 2^9 + 5^1 + 22^1 + 25^1 = 13 + 29 + 51 + 221 + 251 & 565 &:= 1^7 + 2^1 + 2^5 + 23^2 + 27^0 = 17 + 21 + 25 + 232 + 270 \\ 565 &:= 1^3 + 2^9 + 5^1 + 23^1 + 24^1 = 13 + 29 + 51 + 231 + 241 & 565 &:= 1^7 + 2^3 + 7^2 + 22^2 + 23^1 = 17 + 23 + 72 + 222 + 231 \\ 565 &:= 1^3 + 2^9 + 5^2 + 21^0 + 26^1 = 13 + 29 + 52 + 210 + 261 & 565 &:= 1^7 + 2^3 + 8^3 + 17^1 + 27^1 = 17 + 23 + 83 + 171 + 271 \\ 565 &:= 1^3 + 2^9 + 6^1 + 19^1 + 27^1 = 13 + 29 + 61 + 191 + 271 & 565 &:= 1^7 + 2^3 + 8^3 + 18^1 + 26^1 = 17 + 23 + 83 + 181 + 261 \\ 565 &:= 1^3 + 2^9 + 6^1 + 20^1 + 26^1 = 13 + 29 + 61 + 201 + 261 & 565 &:= 1^7 + 2^3 + 8^3 + 19^1 + 25^1 = 17 + 23 + 83 + 191 + 251 \\ 565 &:= 1^3 + 2^9 + 6^1 + 21^1 + 25^1 = 13 + 29 + 61 + 211 + 251 & 565 &:= 1^7 + 2^3 + 8^3 + 20^1 + 24^1 = 17 + 23 + 83 + 201 + 241 \\ 565 &:= 1^3 + 2^9 + 6^1 + 22^1 + 24^1 = 13 + 29 + 61 + 221 + 241 & 565 &:= 1^7 + 2^3 + 8^3 + 21^1 + 23^1 = 17 + 23 + 83 + 211 + 231 \\ 565 &:= 1^3 + 2^9 + 6^1 + 23^1 + 23^1 = 13 + 29 + 61 + 231 + 231 & 565 &:= 1^7 + 2^3 + 8^3 + 22^1 + 22^1 = 17 + 23 + 83 + 221 + 221 \\ 565 &:= 1^3 + 2^9 + 7^1 + 18^1 + 27^1 = 13 + 29 + 71 + 181 + 271 & 565 &:= 1^7 + 3^4 + 11^2 + 19^2 + 21^0 = 17 + 34 + 112 + 192 + 210 \\ 565 &:= 1^3 + 2^9 + 7^1 + 19^1 + 26^1 = 13 + 29 + 71 + 191 + 261 & 565 &:= 1^7 + 4^3 + 15^2 + 16^2 + 19^1 = 17 + 43 + 152 + 162 + 191 \\ 565 &:= 1^3 + 2^9 + 7^1 + 20^1 + 25^1 = 13 + 29 + 71 + 201 + 251 & 565 &:= 1^7 + 4^3 + 6^2 + 21^2 + 23^1 = 17 + 43 + 62 + 212 + 231 \\ 565 &:= 1^3 + 2^9 + 7^1 + 21^1 + 24^1 = 13 + 29 + 71 + 211 + 241 & 565 &:= 1^7 + 6^3 + 10^2 + 15^2 + 23^1 = 17 + 63 + 102 + 152 + 231 \end{aligned}$$

$$\begin{aligned} 565 &:= 1^8 + 10^2 + 14^1 + 15^2 + 15^2 = 18 + 102 + 141 + 152 + 152 \\ 565 &:= 1^8 + 2^2 + 2^2 + 23^2 + 27^1 = 18 + 22 + 22 + 232 + 271 \\ 565 &:= 1^8 + 2^4 + 11^0 + 18^1 + 23^2 = 18 + 24 + 110 + 181 + 232 \\ 565 &:= 1^8 + 3^2 + 7^2 + 22^1 + 22^2 = 18 + 32 + 72 + 221 + 222 \\ 565 &:= 1^8 + 3^2 + 8^3 + 16^1 + 27^1 = 18 + 32 + 83 + 161 + 271 \\ 565 &:= 1^8 + 3^2 + 8^3 + 17^1 + 26^1 = 18 + 32 + 83 + 171 + 261 \\ 565 &:= 1^8 + 3^2 + 8^3 + 18^1 + 25^1 = 18 + 32 + 83 + 181 + 251 \\ 565 &:= 1^8 + 3^2 + 8^3 + 19^1 + 24^1 = 18 + 32 + 83 + 191 + 241 \\ 565 &:= 1^8 + 3^2 + 8^3 + 20^1 + 23^1 = 18 + 32 + 83 + 201 + 231 \\ 565 &:= 1^8 + 3^2 + 8^3 + 21^1 + 22^1 = 18 + 32 + 83 + 211 + 221 \\ 565 &:= 1^8 + 3^3 + 8^3 + 19^0 + 24^1 = 18 + 33 + 83 + 190 + 241 \\ 565 &:= 1^8 + 4^2 + 13^2 + 18^1 + 19^2 = 18 + 42 + 132 + 181 + 192 \\ 565 &:= 1^8 + 4^4 + 15^0 + 17^2 + 18^1 = 18 + 44 + 150 + 172 + 181 \\ 565 &:= 1^8 + 5^2 + 11^2 + 18^1 + 20^2 = 18 + 52 + 112 + 181 + 202 \\ 565 &:= 1^8 + 6^2 + 16^1 + 16^2 + 16^2 = 18 + 62 + 161 + 162 + 162 \\ 565 &:= 1^8 + 8^2 + 14^2 + 15^1 + 17^2 = 18 + 82 + 142 + 151 + 172 \\ 565 &:= 1^8 + 9^2 + 12^2 + 15^1 + 18^2 = 18 + 92 + 122 + 151 + 182 \\ 565 &:= 1^9 + 10^1 + 10^2 + 13^1 + 21^2 = 19 + 101 + 102 + 131 + 212 \\ 565 &:= 1^9 + 10^2 + 11^1 + 12^1 + 21^2 = 19 + 102 + 111 + 121 + 212 \\ 565 &:= 1^9 + 13^0 + 13^2 + 13^2 + 15^2 = 19 + 130 + 132 + 132 + 152 \\ 565 &:= 1^9 + 2^1 + 10^2 + 21^1 + 21^2 = 19 + 21 + 102 + 211 + 212 \\ 565 &:= 1^9 + 2^3 + 3^0 + 23^2 + 26^1 = 19 + 23 + 30 + 232 + 261 \\ 565 &:= 1^9 + 3^1 + 10^2 + 20^1 + 21^2 = 19 + 31 + 102 + 201 + 212 \\ 565 &:= 1^9 + 3^2 + 5^2 + 23^0 + 23^2 = 19 + 32 + 52 + 230 + 232 \\ 565 &:= 1^9 + 3^3 + 7^1 + 21^0 + 23^2 = 19 + 33 + 71 + 210 + 232 \\ 565 &:= 1^9 + 4^1 + 10^2 + 19^1 + 21^2 = 19 + 41 + 102 + 191 + 212 \\ 565 &:= 1^9 + 4^3 + 13^0 + 15^1 + 22^2 = 19 + 43 + 130 + 151 + 222 \\ 565 &:= 1^9 + 5^1 + 10^2 + 18^1 + 21^2 = 19 + 51 + 102 + 181 + 212 \\ 565 &:= 1^9 + 5^2 + 8^3 + 15^0 + 26^1 = 19 + 52 + 83 + 150 + 261 \\ 565 &:= 1^9 + 6^1 + 10^2 + 17^1 + 21^2 = 19 + 61 + 102 + 171 + 212 \\ 565 &:= 1^9 + 6^2 + 8^3 + 15^1 + 25^0 = 19 + 62 + 83 + 151 + 250 \\ 565 &:= 1^9 + 6^3 + 7^0 + 18^2 + 23^1 = 19 + 63 + 70 + 182 + 231 \\ 565 &:= 1^9 + 7^1 + 10^2 + 16^1 + 21^2 = 19 + 71 + 102 + 161 + 212 \\ 565 &:= 1^9 + 7^2 + 15^0 + 15^2 + 17^2 = 19 + 72 + 150 + 152 + 172 \\ 565 &:= 1^9 + 7^3 + 9^0 + 14^2 + 24^1 = 19 + 73 + 90 + 142 + 241 \\ 565 &:= 1^9 + 8^1 + 10^2 + 15^1 + 21^2 = 19 + 81 + 102 + 151 + 212 \\ 565 &:= 1^9 + 9^1 + 10^2 + 14^1 + 21^2 = 19 + 91 + 102 + 141 + 212 \\ 565 &:= 1^9 + 9^2 + 11^2 + 15^0 + 19^2 = 19 + 92 + 112 + 150 + 192 \end{aligned}$$

$$\begin{aligned} 565 &:= 2^0 + 3^0 + 12^2 + 19^1 + 20^2 = 20 + 30 + 122 + 191 + 202 \\ 565 &:= 2^0 + 3^0 + 16^2 + 17^2 + 18^1 = 20 + 30 + 162 + 172 + 181 \\ 565 &:= 2^0 + 3^0 + 3^2 + 23^2 + 25^1 = 20 + 30 + 32 + 232 + 251 \\ 565 &:= 2^0 + 4^2 + 9^0 + 18^1 + 23^2 = 20 + 42 + 90 + 181 + 232 \\ 565 &:= 2^0 + 5^2 + 9^1 + 17^0 + 23^2 = 20 + 52 + 91 + 170 + 232 \\ 565 &:= 2^0 + 6^1 + 14^2 + 15^0 + 19^2 = 20 + 61 + 142 + 150 + 192 \\ 565 &:= 2^0 + 7^0 + 14^1 + 15^2 + 18^2 = 20 + 70 + 141 + 152 + 182 \\ 565 &:= 2^0 + 8^2 + 9^0 + 15^1 + 22^2 = 20 + 82 + 90 + 151 + 222 \\ 565 &:= 2^2 + 2^9 + 3^3 + 21^1 + 27^0 = 22 + 29 + 33 + 211 + 270 \\ 565 &:= 2^3 + 2^7 + 9^2 + 18^2 + 24^1 = 23 + 27 + 92 + 182 + 241 \\ 565 &:= 2^3 + 2^9 + 5^2 + 19^1 + 27^0 = 23 + 29 + 52 + 191 + 270 \\ 565 &:= 2^4 + 2^9 + 10^1 + 15^0 + 26^1 = 24 + 29 + 101 + 150 + 261 \\ 565 &:= 2^4 + 2^9 + 11^1 + 15^0 + 25^1 = 24 + 29 + 111 + 150 + 251 \\ 565 &:= 2^4 + 2^9 + 12^1 + 15^0 + 24^1 = 24 + 29 + 121 + 150 + 241 \\ 565 &:= 2^4 + 2^9 + 13^1 + 15^0 + 23^1 = 24 + 29 + 131 + 150 + 231 \\ 565 &:= 2^4 + 2^9 + 14^1 + 15^0 + 22^1 = 24 + 29 + 141 + 150 + 221 \\ 565 &:= 2^4 + 2^9 + 15^0 + 15^1 + 21^1 = 24 + 29 + 150 + 151 + 211 \\ 565 &:= 2^4 + 2^9 + 15^0 + 16^1 + 20^1 = 24 + 29 + 150 + 161 + 201 \\ 565 &:= 2^4 + 2^9 + 15^0 + 17^1 + 19^1 = 24 + 29 + 150 + 171 + 191 \\ 565 &:= 2^4 + 2^9 + 15^0 + 18^1 + 18^1 = 24 + 29 + 150 + 181 + 181 \\ 565 &:= 2^4 + 2^9 + 9^1 + 15^0 + 27^1 = 24 + 29 + 91 + 150 + 271 \\ 565 &:= 2^5 + 2^5 + 15^2 + 16^2 + 20^1 = 25 + 25 + 152 + 162 + 201 \\ 565 &:= 2^5 + 2^5 + 6^2 + 21^2 + 24^1 = 25 + 25 + 62 + 212 + 241 \\ 565 &:= 2^5 + 2^6 + 12^2 + 18^2 + 21^0 = 25 + 26 + 122 + 182 + 210 \\ 565 &:= 2^5 + 2^7 + 4^1 + 20^2 + 27^0 = 25 + 27 + 41 + 202 + 270 \\ 565 &:= 2^5 + 2^9 + 10^0 + 19^1 + 22^0 = 25 + 29 + 100 + 191 + 220 \\ 565 &:= 2^5 + 2^9 + 11^0 + 19^1 + 21^0 = 25 + 29 + 110 + 191 + 210 \\ 565 &:= 2^5 + 2^9 + 12^0 + 19^1 + 20^0 = 25 + 29 + 120 + 191 + 200 \\ 565 &:= 2^5 + 2^9 + 13^0 + 19^0 + 19^1 = 25 + 29 + 130 + 190 + 191 \\ 565 &:= 2^5 + 2^9 + 14^0 + 18^0 + 19^1 = 25 + 29 + 140 + 180 + 191 \\ 565 &:= 2^5 + 2^9 + 15^0 + 17^0 + 19^1 = 25 + 29 + 150 + 170 + 191 \\ 565 &:= 2^5 + 2^9 + 16^0 + 16^0 + 19^1 = 25 + 29 + 160 + 160 + 191 \\ 565 &:= 2^5 + 2^9 + 5^0 + 19^1 + 27^0 = 25 + 29 + 50 + 191 + 270 \\ 565 &:= 2^5 + 2^9 + 6^0 + 19^1 + 26^0 = 25 + 29 + 60 + 191 + 260 \\ 565 &:= 2^5 + 2^9 + 7^0 + 19^1 + 25^0 = 25 + 29 + 70 + 191 + 250 \\ 565 &:= 2^5 + 2^9 + 8^0 + 19^1 + 24^0 = 25 + 29 + 80 + 191 + 240 \\ 565 &:= 2^5 + 2^9 + 9^0 + 19^1 + 23^0 = 25 + 29 + 90 + 191 + 230 \\ 565 &:= 2^5 + 3^4 + 4^3 + 19^2 + 27^1 = 25 + 34 + 43 + 192 + 271 \end{aligned}$$

$565 := 2^6 + 3^5 + 4^4 + 19^0 + 27^0 = 26 + 35 + 44 + 190 + 270$	$565 := 2^8 + 3^5 + 8^2 + 18^0 + 24^0 = 28 + 35 + 82 + 180 + 240$
$565 := 2^6 + 3^5 + 4^4 + 20^0 + 26^0 = 26 + 35 + 44 + 200 + 260$	$565 := 2^8 + 3^5 + 8^2 + 19^0 + 23^0 = 28 + 35 + 82 + 190 + 230$
$565 := 2^6 + 3^5 + 4^4 + 21^0 + 25^0 = 26 + 35 + 44 + 210 + 250$	$565 := 2^8 + 3^5 + 8^2 + 20^0 + 22^0 = 28 + 35 + 82 + 200 + 220$
$565 := 2^6 + 3^5 + 4^4 + 22^0 + 24^0 = 26 + 35 + 44 + 220 + 240$	$565 := 2^8 + 3^5 + 8^2 + 21^0 + 21^0 = 28 + 35 + 82 + 210 + 210$
$565 := 2^6 + 3^5 + 4^4 + 23^0 + 23^0 = 26 + 35 + 44 + 230 + 230$	$565 := 2^8 + 4^3 + 10^2 + 12^2 + 27^0 = 28 + 43 + 102 + 122 + 270$
$565 := 2^7 + 3^4 + 10^1 + 18^2 + 22^1 = 27 + 34 + 101 + 182 + 221$	$565 := 2^8 + 4^4 + 5^2 + 17^0 + 27^1 = 28 + 44 + 52 + 170 + 271$
$565 := 2^7 + 3^4 + 11^1 + 18^2 + 21^1 = 27 + 34 + 111 + 182 + 211$	$565 := 2^8 + 4^4 + 6^2 + 16^1 + 27^0 = 28 + 44 + 62 + 161 + 270$
$565 := 2^7 + 3^4 + 12^1 + 18^2 + 20^1 = 27 + 34 + 121 + 182 + 201$	$565 := 2^8 + 8^2 + 10^2 + 11^2 + 24^1 = 28 + 82 + 102 + 112 + 241$
$565 := 2^7 + 3^4 + 13^1 + 18^2 + 19^1 = 27 + 34 + 131 + 182 + 191$	$565 := 3^0 + 4^2 + 8^0 + 18^1 + 23^2 = 30 + 42 + 80 + 181 + 232$
$565 := 2^7 + 3^4 + 14^1 + 18^1 + 18^2 = 27 + 34 + 141 + 181 + 182$	$565 := 3^0 + 5^2 + 9^1 + 16^0 + 23^2 = 30 + 52 + 91 + 160 + 232$
$565 := 2^7 + 3^4 + 15^1 + 17^1 + 18^2 = 27 + 34 + 151 + 171 + 182$	$565 := 3^0 + 6^0 + 14^1 + 15^2 + 18^2 = 30 + 60 + 141 + 152 + 182$
$565 := 2^7 + 3^4 + 16^1 + 16^1 + 18^2 = 27 + 34 + 161 + 161 + 182$	$565 := 3^0 + 6^1 + 14^0 + 14^2 + 19^2 = 30 + 61 + 140 + 142 + 192$
$565 := 2^7 + 3^4 + 5^1 + 18^2 + 27^1 = 27 + 34 + 51 + 182 + 271$	$565 := 3^0 + 8^0 + 8^2 + 15^1 + 22^2 = 30 + 80 + 82 + 151 + 222$
$565 := 2^7 + 3^4 + 6^1 + 18^2 + 26^1 = 27 + 34 + 61 + 182 + 261$	$565 := 4^0 + 4^2 + 7^0 + 18^1 + 23^2 = 40 + 42 + 70 + 181 + 232$
$565 := 2^7 + 3^4 + 7^1 + 18^2 + 25^1 = 27 + 34 + 71 + 182 + 251$	$565 := 4^0 + 5^0 + 14^1 + 15^2 + 18^2 = 40 + 50 + 141 + 152 + 182$
$565 := 2^7 + 3^4 + 8^1 + 18^2 + 24^1 = 27 + 34 + 81 + 182 + 241$	$565 := 4^0 + 5^2 + 9^1 + 15^0 + 23^2 = 40 + 52 + 91 + 150 + 232$
$565 := 2^7 + 3^4 + 9^1 + 18^2 + 23^1 = 27 + 34 + 91 + 182 + 231$	$565 := 4^0 + 6^1 + 13^0 + 14^2 + 19^2 = 40 + 61 + 130 + 142 + 192$
$565 := 2^7 + 3^5 + 13^0 + 13^2 + 24^1 = 27 + 35 + 130 + 132 + 241$	$565 := 4^0 + 7^0 + 8^2 + 15^1 + 22^2 = 40 + 70 + 82 + 151 + 222$
$565 := 2^7 + 4^4 + 10^1 + 12^2 + 27^1 = 27 + 44 + 101 + 122 + 271$	$565 := 4^2 + 5^0 + 6^0 + 18^1 + 23^2 = 42 + 50 + 60 + 181 + 232$
$565 := 2^7 + 4^4 + 11^1 + 12^2 + 26^1 = 27 + 44 + 111 + 122 + 261$	$565 := 5^0 + 5^2 + 9^1 + 14^0 + 23^2 = 50 + 52 + 91 + 140 + 232$
$565 := 2^7 + 4^4 + 12^1 + 12^2 + 25^1 = 27 + 44 + 121 + 122 + 251$	$565 := 5^0 + 6^0 + 8^2 + 15^1 + 22^2 = 50 + 60 + 82 + 151 + 222$
$565 := 2^7 + 4^4 + 12^2 + 13^1 + 24^1 = 27 + 44 + 122 + 131 + 241$	$565 := 5^0 + 6^1 + 12^0 + 14^2 + 19^2 = 50 + 61 + 120 + 142 + 192$
$565 := 2^7 + 4^4 + 12^2 + 14^1 + 23^1 = 27 + 44 + 122 + 141 + 231$	$565 := 5^2 + 6^0 + 9^1 + 13^0 + 23^2 = 52 + 60 + 91 + 130 + 232$
$565 := 2^7 + 4^4 + 12^2 + 15^1 + 22^1 = 27 + 44 + 122 + 151 + 221$	$565 := 5^2 + 7^0 + 9^1 + 12^0 + 23^2 = 52 + 70 + 91 + 120 + 232$
$565 := 2^7 + 4^4 + 12^2 + 16^1 + 21^1 = 27 + 44 + 122 + 161 + 211$	$565 := 5^2 + 8^0 + 9^1 + 11^0 + 23^2 = 52 + 80 + 91 + 110 + 232$
$565 := 2^7 + 4^4 + 12^2 + 17^1 + 20^1 = 27 + 44 + 122 + 171 + 201$	$565 := 5^2 + 9^0 + 9^1 + 10^0 + 23^2 = 52 + 90 + 91 + 100 + 232$
$565 := 2^7 + 4^4 + 12^2 + 18^1 + 19^1 = 27 + 44 + 122 + 181 + 191$	$565 := 6^0 + 6^1 + 11^0 + 14^2 + 19^2 = 60 + 61 + 110 + 142 + 192$
$565 := 2^7 + 5^3 + 12^2 + 12^2 + 24^1 = 27 + 53 + 122 + 122 + 241$	$565 := 6^1 + 7^0 + 10^0 + 14^2 + 19^2 = 61 + 70 + 100 + 142 + 192$
$565 := 2^8 + 3^5 + 8^2 + 15^0 + 27^0 = 28 + 35 + 82 + 150 + 270$	$565 := 6^1 + 8^0 + 9^0 + 14^2 + 19^2 = 61 + 80 + 90 + 142 + 192$
$565 := 2^8 + 3^5 + 8^2 + 16^0 + 26^0 = 28 + 35 + 82 + 160 + 260$	
$565 := 2^8 + 3^5 + 8^2 + 17^0 + 25^0 = 28 + 35 + 82 + 170 + 250$	

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$566 := 3^2 + 8^3 + 45^1 = 32 + 83 + 451$	$566 := 10^2 + 11^1 + 14^1 + 21^2 = 102 + 111 + 141 + 212$
$566 := 3^4 + 22^2 + 31^0 = 34 + 222 + 310$	$566 := 10^2 + 12^1 + 13^1 + 21^2 = 102 + 121 + 131 + 212$
$566 := 1^0 + 3^2 + 8^3 + 44^1 = 10 + 32 + 83 + 441$	$566 := 12^2 + 14^2 + 15^0 + 15^2 = 122 + 142 + 150 + 152$
$566 := 1^1 + 10^2 + 21^2 + 24^1 = 11 + 102 + 212 + 241$	$566 := 2^1 + 10^2 + 21^2 + 23^1 = 21 + 102 + 212 + 231$
$566 := 10^1 + 10^2 + 15^1 + 21^2 = 101 + 102 + 151 + 212$	$566 := 2^3 + 3^0 + 23^2 + 28^1 = 23 + 30 + 232 + 281$

$566 := 3^1 + 10^2 + 21^2 + 22^1$	$= 31 + 102 + 212 + 221$	$566 := 1^1 + 3^0 + 12^2 + 20^1 + 20^2$	$= 11 + 30 + 122 + 201 + 202$
$566 := 3^3 + 9^1 + 21^0 + 23^2$	$= 33 + 91 + 210 + 232$	$566 := 1^1 + 3^0 + 16^2 + 17^2 + 19^1$	$= 11 + 30 + 162 + 172 + 191$
$566 := 4^1 + 10^2 + 21^1 + 21^2$	$= 41 + 102 + 211 + 212$	$566 := 1^1 + 3^0 + 3^2 + 23^2 + 26^1$	$= 11 + 30 + 32 + 232 + 261$
$566 := 4^1 + 7^2 + 8^3 + 37^0$	$= 41 + 72 + 83 + 370$	$566 := 1^1 + 4^2 + 9^0 + 19^1 + 23^2$	$= 11 + 42 + 90 + 191 + 232$
$566 := 4^2 + 15^2 + 18^2 + 19^0$	$= 42 + 152 + 182 + 190$	$566 := 1^1 + 5^2 + 10^1 + 17^0 + 23^2$	$= 11 + 52 + 101 + 170 + 232$
$566 := 4^2 + 7^0 + 8^3 + 37^1$	$= 42 + 70 + 83 + 371$	$566 := 1^1 + 7^0 + 15^1 + 15^2 + 18^2$	$= 11 + 70 + 151 + 152 + 182$
$566 := 4^3 + 13^0 + 17^1 + 22^2$	$= 43 + 130 + 171 + 222$	$566 := 1^1 + 7^1 + 14^2 + 15^0 + 19^2$	$= 11 + 71 + 142 + 150 + 192$
$566 := 5^1 + 10^2 + 20^1 + 21^2$	$= 51 + 102 + 201 + 212$	$566 := 1^1 + 8^2 + 9^0 + 16^1 + 22^2$	$= 11 + 82 + 90 + 161 + 222$
$566 := 5^2 + 8^3 + 15^0 + 28^1$	$= 52 + 83 + 150 + 281$	$566 := 1^3 + 2^9 + 3^3 + 24^0 + 25^1$	$= 13 + 29 + 33 + 240 + 251$
$566 := 6^1 + 10^2 + 19^1 + 21^2$	$= 61 + 102 + 191 + 212$	$566 := 1^4 + 2^9 + 5^2 + 20^0 + 27^1$	$= 14 + 29 + 52 + 200 + 271$
$566 := 6^2 + 8^3 + 17^1 + 25^0$	$= 62 + 83 + 171 + 250$	$566 := 1^5 + 2^7 + 6^2 + 20^2 + 26^0$	$= 15 + 27 + 62 + 202 + 260$
$566 := 6^3 + 7^0 + 18^2 + 25^1$	$= 63 + 70 + 182 + 251$	$566 := 1^5 + 2^8 + 16^0 + 17^2 + 19^1$	$= 15 + 28 + 160 + 172 + 191$
$566 := 7^1 + 10^2 + 18^1 + 21^2$	$= 71 + 102 + 181 + 212$	$566 := 1^6 + 2^6 + 10^2 + 20^2 + 22^0$	$= 16 + 26 + 102 + 202 + 220$
$566 := 7^3 + 9^0 + 14^2 + 26^1$	$= 73 + 90 + 142 + 261$	$566 := 1^6 + 2^6 + 4^2 + 22^2 + 26^0$	$= 16 + 26 + 42 + 222 + 260$
$566 := 8^1 + 10^2 + 17^1 + 21^2$	$= 81 + 102 + 171 + 212$	$566 := 1^7 + 2^4 + 4^3 + 22^2 + 26^0$	$= 17 + 24 + 43 + 222 + 260$
$566 := 9^1 + 10^2 + 16^1 + 21^2$	$= 91 + 102 + 161 + 212$	$566 := 1^7 + 2^5 + 8^3 + 20^1 + 24^0$	$= 17 + 25 + 83 + 201 + 240$
$566 := 1^0 + 1^1 + 10^2 + 21^2 + 23^1$	$= 10 + 11 + 102 + 212 + 231$	$566 := 1^7 + 2^6 + 14^0 + 16^1 + 22^2$	$= 17 + 26 + 140 + 161 + 222$
$566 := 1^0 + 10^1 + 10^2 + 14^1 + 21^2$	$= 10 + 101 + 102 + 141 + 212$	$566 := 1^8 + 2^3 + 3^3 + 23^2 + 26^0$	$= 18 + 23 + 33 + 232 + 260$
$566 := 1^0 + 10^2 + 11^1 + 13^1 + 21^2$	$= 10 + 102 + 111 + 131 + 212$	$566 := 1^8 + 2^4 + 8^2 + 22^0 + 22^2$	$= 18 + 24 + 82 + 220 + 222$
$566 := 1^0 + 10^2 + 12^1 + 12^1 + 21^2$	$= 10 + 102 + 121 + 121 + 212$	$566 := 1^8 + 2^5 + 3^1 + 23^2 + 26^0$	$= 18 + 25 + 31 + 232 + 260$
$566 := 1^0 + 2^1 + 10^2 + 21^2 + 22^1$	$= 10 + 21 + 102 + 212 + 221$	$566 := 1^9 + 2^4 + 10^0 + 19^1 + 23^2$	$= 19 + 24 + 100 + 191 + 232$
$566 := 1^0 + 2^3 + 3^0 + 23^2 + 27^1$	$= 10 + 23 + 30 + 232 + 271$	$566 := 1^9 + 3^3 + 8^3 + 18^0 + 25^1$	$= 19 + 33 + 83 + 180 + 251$
$566 := 1^0 + 3^1 + 10^2 + 21^1 + 21^2$	$= 10 + 31 + 102 + 211 + 212$	$566 := 1^9 + 4^2 + 4^3 + 22^2 + 24^0$	$= 19 + 42 + 43 + 222 + 240$
$566 := 1^0 + 3^3 + 8^1 + 21^0 + 23^2$	$= 10 + 33 + 81 + 210 + 232$	$566 := 1^9 + 4^3 + 10^2 + 20^0 + 20^2$	$= 19 + 43 + 102 + 200 + 202$
$566 := 1^0 + 4^1 + 10^2 + 20^1 + 21^2$	$= 10 + 41 + 102 + 201 + 212$	$566 := 1^9 + 4^4 + 14^0 + 17^2 + 19^1$	$= 19 + 44 + 140 + 172 + 191$
$566 := 1^0 + 4^2 + 8^2 + 21^0 + 22^2$	$= 10 + 42 + 82 + 210 + 222$	$566 := 1^9 + 7^3 + 10^2 + 11^2 + 26^0$	$= 19 + 73 + 102 + 112 + 260$
$566 := 1^0 + 4^3 + 13^0 + 16^1 + 22^2$	$= 10 + 43 + 130 + 161 + 222$	$566 := 2^0 + 2^0 + 2^3 + 23^2 + 27^1$	$= 20 + 20 + 23 + 232 + 271$
$566 := 1^0 + 5^1 + 10^2 + 19^1 + 21^2$	$= 10 + 51 + 102 + 191 + 212$	$566 := 2^0 + 3^3 + 8^1 + 20^0 + 23^2$	$= 20 + 33 + 81 + 200 + 232$
$566 := 1^0 + 5^2 + 8^3 + 15^0 + 27^1$	$= 10 + 52 + 83 + 150 + 271$	$566 := 2^0 + 4^2 + 8^2 + 20^0 + 22^2$	$= 20 + 42 + 82 + 200 + 222$
$566 := 1^0 + 6^1 + 10^2 + 18^1 + 21^2$	$= 10 + 61 + 102 + 181 + 212$	$566 := 2^0 + 4^3 + 12^0 + 16^1 + 22^2$	$= 20 + 43 + 120 + 161 + 222$
$566 := 1^0 + 6^2 + 8^3 + 16^1 + 25^0$	$= 10 + 62 + 83 + 161 + 250$	$566 := 2^0 + 5^2 + 8^3 + 14^0 + 27^1$	$= 20 + 52 + 83 + 140 + 271$
$566 := 1^0 + 6^3 + 7^0 + 18^2 + 24^1$	$= 10 + 63 + 70 + 182 + 241$	$566 := 2^0 + 6^0 + 6^3 + 18^2 + 24^1$	$= 20 + 60 + 63 + 182 + 241$
$566 := 1^0 + 7^1 + 10^2 + 17^1 + 21^2$	$= 10 + 71 + 102 + 171 + 212$	$566 := 2^0 + 6^2 + 8^3 + 16^1 + 24^0$	$= 20 + 62 + 83 + 161 + 240$
$566 := 1^0 + 7^3 + 9^0 + 14^2 + 25^1$	$= 10 + 73 + 90 + 142 + 251$	$566 := 2^0 + 7^3 + 8^0 + 14^2 + 25^1$	$= 20 + 73 + 80 + 142 + 251$
$566 := 1^0 + 8^1 + 10^2 + 16^1 + 21^2$	$= 10 + 81 + 102 + 161 + 212$	$566 := 2^0 + 8^2 + 10^2 + 16^0 + 20^2$	$= 20 + 82 + 102 + 160 + 202$
$566 := 1^0 + 8^2 + 10^2 + 17^0 + 20^2$	$= 10 + 82 + 102 + 170 + 202$	$566 := 2^1 + 3^0 + 12^2 + 19^1 + 20^2$	$= 21 + 30 + 122 + 191 + 202$
$566 := 1^0 + 9^1 + 10^2 + 15^1 + 21^2$	$= 10 + 91 + 102 + 151 + 212$	$566 := 2^1 + 3^0 + 16^2 + 17^2 + 18^1$	$= 21 + 30 + 162 + 172 + 181$
$566 := 1^1 + 2^1 + 11^2 + 21^0 + 21^2$	$= 11 + 21 + 112 + 210 + 212$	$566 := 2^1 + 3^0 + 3^2 + 23^2 + 25^1$	$= 21 + 30 + 32 + 232 + 251$

$$\begin{aligned} 566 &:= 2^1 + 4^2 + 9^0 + 18^1 + 23^2 = 21 + 42 + 90 + 181 + 232 \\ 566 &:= 2^1 + 5^2 + 9^1 + 17^0 + 23^2 = 21 + 52 + 91 + 170 + 232 \\ 566 &:= 2^1 + 6^1 + 14^2 + 15^0 + 19^2 = 21 + 61 + 142 + 150 + 192 \\ 566 &:= 2^1 + 7^0 + 14^1 + 15^2 + 18^2 = 21 + 70 + 141 + 152 + 182 \\ 566 &:= 2^1 + 8^2 + 9^0 + 15^1 + 22^2 = 21 + 82 + 90 + 151 + 222 \\ 566 &:= 2^4 + 2^9 + 4^2 + 21^1 + 26^0 = 24 + 29 + 42 + 211 + 260 \\ 566 &:= 2^5 + 2^7 + 9^2 + 18^2 + 24^0 = 25 + 27 + 92 + 182 + 240 \\ 566 &:= 2^5 + 2^8 + 14^0 + 16^2 + 21^1 = 25 + 28 + 140 + 162 + 211 \\ 566 &:= 2^6 + 2^7 + 12^1 + 19^2 + 20^0 = 26 + 27 + 121 + 192 + 200 \\ 566 &:= 2^8 + 3^3 + 4^4 + 20^0 + 26^1 = 28 + 33 + 44 + 200 + 261 \\ 566 &:= 2^8 + 3^5 + 7^2 + 17^1 + 26^0 = 28 + 35 + 72 + 171 + 260 \\ 566 &:= 3^0 + 10^1 + 10^1 + 16^2 + 17^2 = 30 + 101 + 101 + 162 + 172 \\ 566 &:= 3^0 + 10^1 + 11^1 + 12^2 + 20^2 = 30 + 101 + 111 + 122 + 202 \\ 566 &:= 3^0 + 3^1 + 12^2 + 18^1 + 20^2 = 30 + 31 + 122 + 181 + 202 \\ 566 &:= 3^0 + 3^1 + 16^2 + 17^1 + 17^2 = 30 + 31 + 162 + 171 + 172 \\ 566 &:= 3^0 + 3^1 + 3^2 + 23^2 + 24^1 = 30 + 31 + 32 + 232 + 241 \\ 566 &:= 3^0 + 3^2 + 10^1 + 17^1 + 23^2 = 30 + 32 + 101 + 171 + 232 \\ 566 &:= 3^0 + 3^2 + 11^1 + 16^1 + 23^2 = 30 + 32 + 111 + 161 + 232 \\ 566 &:= 3^0 + 3^2 + 12^1 + 15^1 + 23^2 = 30 + 32 + 121 + 151 + 232 \\ 566 &:= 3^0 + 3^2 + 13^1 + 14^1 + 23^2 = 30 + 32 + 131 + 141 + 232 \\ 566 &:= 3^0 + 3^2 + 4^1 + 23^1 + 23^2 = 30 + 32 + 41 + 231 + 232 \\ 566 &:= 3^0 + 3^2 + 5^1 + 22^1 + 23^2 = 30 + 32 + 51 + 221 + 232 \\ 566 &:= 3^0 + 3^2 + 6^1 + 21^1 + 23^2 = 30 + 32 + 61 + 211 + 232 \\ 566 &:= 3^0 + 3^2 + 7^1 + 20^1 + 23^2 = 30 + 32 + 71 + 201 + 232 \\ 566 &:= 3^0 + 3^2 + 8^1 + 19^1 + 23^2 = 30 + 32 + 81 + 191 + 232 \\ 566 &:= 3^0 + 3^2 + 9^1 + 18^1 + 23^2 = 30 + 32 + 91 + 181 + 232 \\ 566 &:= 3^0 + 3^3 + 8^1 + 19^0 + 23^2 = 30 + 33 + 81 + 190 + 232 \\ 566 &:= 3^0 + 4^1 + 12^2 + 17^1 + 20^2 = 30 + 41 + 122 + 171 + 202 \\ 566 &:= 3^0 + 4^1 + 16^1 + 16^2 + 17^2 = 30 + 41 + 161 + 162 + 172 \\ 566 &:= 3^0 + 4^2 + 8^2 + 19^0 + 22^2 = 30 + 42 + 82 + 190 + 222 \\ 566 &:= 3^0 + 4^3 + 11^0 + 16^1 + 22^2 = 30 + 43 + 110 + 161 + 222 \\ 566 &:= 3^0 + 5^0 + 6^3 + 18^2 + 24^1 = 30 + 50 + 63 + 182 + 241 \\ 566 &:= 3^0 + 5^1 + 12^2 + 16^1 + 20^2 = 30 + 51 + 122 + 161 + 202 \\ 566 &:= 3^0 + 5^1 + 15^1 + 16^2 + 17^2 = 30 + 51 + 151 + 162 + 172 \\ 566 &:= 3^0 + 5^2 + 8^3 + 13^0 + 27^1 = 30 + 52 + 83 + 130 + 271 \\ 566 &:= 3^0 + 6^1 + 12^2 + 15^1 + 20^2 = 30 + 61 + 122 + 151 + 202 \\ 566 &:= 3^0 + 6^1 + 14^1 + 16^2 + 17^2 = 30 + 61 + 141 + 162 + 172 \\ 566 &:= 3^0 + 6^2 + 8^3 + 16^1 + 23^0 = 30 + 62 + 83 + 161 + 230 \end{aligned}$$

$$\begin{aligned} 566 &:= 3^0 + 7^0 + 7^3 + 14^2 + 25^1 = 30 + 70 + 73 + 142 + 251 \\ 566 &:= 3^0 + 7^1 + 12^2 + 14^1 + 20^2 = 30 + 71 + 122 + 141 + 202 \\ 566 &:= 3^0 + 7^1 + 13^1 + 16^2 + 17^2 = 30 + 71 + 131 + 162 + 172 \\ 566 &:= 3^0 + 8^1 + 12^1 + 16^2 + 17^2 = 30 + 81 + 121 + 162 + 172 \\ 566 &:= 3^0 + 8^1 + 12^2 + 13^1 + 20^2 = 30 + 81 + 122 + 131 + 202 \\ 566 &:= 3^0 + 8^2 + 10^2 + 15^0 + 20^2 = 30 + 82 + 102 + 150 + 202 \\ 566 &:= 3^0 + 9^1 + 11^1 + 16^2 + 17^2 = 30 + 91 + 111 + 162 + 172 \\ 566 &:= 3^0 + 9^1 + 12^1 + 12^2 + 20^2 = 30 + 91 + 121 + 122 + 202 \\ 566 &:= 3^1 + 4^2 + 9^0 + 17^1 + 23^2 = 31 + 42 + 90 + 171 + 232 \\ 566 &:= 3^1 + 5^1 + 14^2 + 15^0 + 19^2 = 31 + 51 + 142 + 150 + 192 \\ 566 &:= 3^1 + 5^2 + 8^1 + 17^0 + 23^2 = 31 + 52 + 81 + 170 + 232 \\ 566 &:= 3^1 + 7^0 + 13^1 + 15^2 + 18^2 = 31 + 70 + 131 + 152 + 182 \\ 566 &:= 3^1 + 7^2 + 8^3 + 11^0 + 27^0 = 31 + 72 + 83 + 110 + 270 \\ 566 &:= 3^1 + 7^2 + 8^3 + 12^0 + 26^0 = 31 + 72 + 83 + 120 + 260 \\ 566 &:= 3^1 + 7^2 + 8^3 + 13^0 + 25^0 = 31 + 72 + 83 + 130 + 250 \\ 566 &:= 3^1 + 7^2 + 8^3 + 14^0 + 24^0 = 31 + 72 + 83 + 140 + 240 \\ 566 &:= 3^1 + 7^2 + 8^3 + 15^0 + 23^0 = 31 + 72 + 83 + 150 + 230 \\ 566 &:= 3^1 + 7^2 + 8^3 + 16^0 + 22^0 = 31 + 72 + 83 + 160 + 220 \\ 566 &:= 3^1 + 7^2 + 8^3 + 17^0 + 21^0 = 31 + 72 + 83 + 170 + 210 \\ 566 &:= 3^1 + 7^2 + 8^3 + 18^0 + 20^0 = 31 + 72 + 83 + 180 + 200 \\ 566 &:= 3^1 + 7^2 + 8^3 + 19^0 + 19^0 = 31 + 72 + 83 + 190 + 190 \\ 566 &:= 3^1 + 8^2 + 9^0 + 14^1 + 22^2 = 31 + 82 + 90 + 141 + 222 \\ 566 &:= 3^3 + 4^0 + 8^1 + 18^0 + 23^2 = 33 + 40 + 81 + 180 + 232 \\ 566 &:= 3^3 + 5^0 + 8^1 + 17^0 + 23^2 = 33 + 50 + 81 + 170 + 232 \\ 566 &:= 3^3 + 6^0 + 8^1 + 16^0 + 23^2 = 33 + 60 + 81 + 160 + 232 \\ 566 &:= 3^3 + 7^0 + 8^1 + 15^0 + 23^2 = 33 + 70 + 81 + 150 + 232 \\ 566 &:= 3^3 + 8^0 + 8^1 + 14^0 + 23^2 = 33 + 80 + 81 + 140 + 232 \\ 566 &:= 3^3 + 8^1 + 10^0 + 12^0 + 23^2 = 33 + 81 + 100 + 120 + 232 \\ 566 &:= 3^3 + 8^1 + 11^0 + 11^0 + 23^2 = 33 + 81 + 110 + 110 + 232 \\ 566 &:= 3^3 + 8^1 + 9^0 + 13^0 + 23^2 = 33 + 81 + 90 + 130 + 232 \\ 566 &:= 4^0 + 4^0 + 6^3 + 18^2 + 24^1 = 40 + 40 + 63 + 182 + 241 \\ 566 &:= 4^0 + 4^2 + 8^2 + 18^0 + 22^2 = 40 + 42 + 82 + 180 + 222 \\ 566 &:= 4^0 + 4^3 + 10^0 + 16^1 + 22^2 = 40 + 43 + 100 + 161 + 222 \\ 566 &:= 4^0 + 5^2 + 8^3 + 12^0 + 27^1 = 40 + 52 + 83 + 120 + 271 \\ 566 &:= 4^0 + 6^0 + 7^3 + 14^2 + 25^1 = 40 + 60 + 73 + 142 + 251 \\ 566 &:= 4^0 + 6^2 + 8^3 + 16^1 + 22^0 = 40 + 62 + 83 + 161 + 220 \\ 566 &:= 4^0 + 8^2 + 10^2 + 14^0 + 20^2 = 40 + 82 + 102 + 140 + 202 \\ 566 &:= 4^1 + 4^1 + 14^2 + 15^0 + 19^2 = 41 + 41 + 142 + 150 + 192 \end{aligned}$$

$$\begin{aligned}
 566 &:= 4^1 + 4^2 + 9^0 + 16^1 + 23^2 = 41 + 42 + 90 + 161 + 232 \\
 566 &:= 4^1 + 5^2 + 7^1 + 17^0 + 23^2 = 41 + 52 + 71 + 170 + 232 \\
 566 &:= 4^1 + 7^0 + 12^1 + 15^2 + 18^2 = 41 + 70 + 121 + 152 + 182 \\
 566 &:= 4^1 + 8^2 + 9^0 + 13^1 + 22^2 = 41 + 82 + 90 + 131 + 222 \\
 566 &:= 4^2 + 5^0 + 8^2 + 17^0 + 22^2 = 42 + 50 + 82 + 170 + 222 \\
 566 &:= 4^2 + 5^1 + 9^0 + 15^1 + 23^2 = 42 + 51 + 90 + 151 + 232 \\
 566 &:= 4^2 + 6^0 + 8^2 + 16^0 + 22^2 = 42 + 60 + 82 + 160 + 222 \\
 566 &:= 4^2 + 6^1 + 9^0 + 14^1 + 23^2 = 42 + 61 + 90 + 141 + 232 \\
 566 &:= 4^2 + 7^0 + 8^2 + 15^0 + 22^2 = 42 + 70 + 82 + 150 + 222 \\
 566 &:= 4^2 + 7^1 + 9^0 + 13^1 + 23^2 = 42 + 71 + 90 + 131 + 232 \\
 566 &:= 4^2 + 8^0 + 8^2 + 14^0 + 22^2 = 42 + 80 + 82 + 140 + 222 \\
 566 &:= 4^2 + 8^1 + 9^0 + 12^1 + 23^2 = 42 + 81 + 90 + 121 + 232 \\
 566 &:= 4^2 + 8^2 + 10^0 + 12^0 + 22^2 = 42 + 82 + 100 + 120 + 222 \\
 566 &:= 4^2 + 8^2 + 11^0 + 11^0 + 22^2 = 42 + 82 + 110 + 110 + 222 \\
 566 &:= 4^2 + 8^2 + 9^0 + 13^0 + 22^2 = 42 + 82 + 90 + 130 + 222 \\
 566 &:= 4^2 + 9^0 + 10^1 + 10^1 + 23^2 = 42 + 90 + 101 + 101 + 232 \\
 566 &:= 4^2 + 9^0 + 9^1 + 11^1 + 23^2 = 42 + 90 + 91 + 111 + 232 \\
 566 &:= 4^3 + 5^0 + 9^0 + 16^1 + 22^2 = 43 + 50 + 90 + 161 + 222 \\
 566 &:= 4^3 + 6^0 + 8^0 + 16^1 + 22^2 = 43 + 60 + 80 + 161 + 222 \\
 566 &:= 4^3 + 7^0 + 7^0 + 16^1 + 22^2 = 43 + 70 + 70 + 161 + 222 \\
 566 &:= 5^0 + 5^0 + 7^3 + 14^2 + 25^1 = 50 + 50 + 73 + 142 + 251 \\
 566 &:= 5^0 + 5^2 + 8^3 + 11^0 + 27^1 = 50 + 52 + 83 + 110 + 271 \\
 566 &:= 5^0 + 6^2 + 8^3 + 16^1 + 21^0 = 50 + 62 + 83 + 161 + 210 \\
 566 &:= 5^0 + 8^2 + 10^2 + 13^0 + 20^2 = 50 + 82 + 102 + 130 + 202 \\
 566 &:= 5^1 + 5^2 + 6^1 + 17^0 + 23^2 = 51 + 52 + 61 + 170 + 232
 \end{aligned}$$

$$\begin{aligned}
 566 &:= 5^1 + 7^0 + 11^1 + 15^2 + 18^2 = 51 + 70 + 111 + 152 + 182 \\
 566 &:= 5^1 + 8^2 + 9^0 + 12^1 + 22^2 = 51 + 82 + 90 + 121 + 222 \\
 566 &:= 5^2 + 6^0 + 8^3 + 10^0 + 27^1 = 52 + 60 + 83 + 100 + 271 \\
 566 &:= 5^2 + 7^0 + 8^3 + 9^0 + 27^1 = 52 + 70 + 83 + 90 + 271 \\
 566 &:= 5^2 + 8^0 + 8^0 + 8^3 + 27^1 = 52 + 80 + 80 + 83 + 271 \\
 566 &:= 6^0 + 6^2 + 8^3 + 16^1 + 20^0 = 60 + 62 + 83 + 161 + 200 \\
 566 &:= 6^0 + 8^2 + 10^2 + 12^0 + 20^2 = 60 + 82 + 102 + 120 + 202 \\
 566 &:= 6^1 + 7^0 + 10^1 + 15^2 + 18^2 = 61 + 70 + 101 + 152 + 182 \\
 566 &:= 6^1 + 8^2 + 9^0 + 11^1 + 22^2 = 61 + 82 + 90 + 111 + 222 \\
 566 &:= 6^2 + 7^0 + 8^3 + 16^1 + 19^0 = 62 + 70 + 83 + 161 + 190 \\
 566 &:= 6^2 + 8^0 + 8^3 + 16^1 + 18^0 = 62 + 80 + 83 + 161 + 180 \\
 566 &:= 6^2 + 8^3 + 10^0 + 16^0 + 16^1 = 62 + 83 + 100 + 160 + 161 \\
 566 &:= 6^2 + 8^3 + 11^0 + 15^0 + 16^1 = 62 + 83 + 110 + 150 + 161 \\
 566 &:= 6^2 + 8^3 + 12^0 + 14^0 + 16^1 = 62 + 83 + 120 + 140 + 161 \\
 566 &:= 6^2 + 8^3 + 13^0 + 13^0 + 16^1 = 62 + 83 + 130 + 130 + 161 \\
 566 &:= 6^2 + 8^3 + 9^0 + 16^1 + 17^0 = 62 + 83 + 90 + 161 + 170 \\
 566 &:= 7^0 + 7^1 + 9^1 + 15^2 + 18^2 = 70 + 71 + 91 + 152 + 182 \\
 566 &:= 7^0 + 8^1 + 8^1 + 15^2 + 18^2 = 70 + 81 + 81 + 152 + 182 \\
 566 &:= 7^0 + 8^2 + 10^2 + 11^0 + 20^2 = 70 + 82 + 102 + 110 + 202 \\
 566 &:= 7^1 + 8^2 + 9^0 + 10^1 + 22^2 = 71 + 82 + 90 + 101 + 222 \\
 566 &:= 8^0 + 8^2 + 10^0 + 10^2 + 20^2 = 80 + 82 + 100 + 102 + 202 \\
 566 &:= 8^1 + 8^2 + 9^0 + 9^1 + 22^2 = 81 + 82 + 90 + 91 + 222 \\
 566 &:= 8^2 + 9^0 + 9^0 + 10^2 + 20^2 = 82 + 90 + 90 + 102 + 202
 \end{aligned}$$

2.2.468 Number 567

$$\begin{aligned}
 567 &:= 1^1 + 3^4 + 22^2 + 30^0 = 11 + 34 + 222 + 300 \\
 567 &:= 1^3 + 6^2 + 23^2 + 26^0 = 13 + 62 + 232 + 260 \\
 567 &:= 1^3 + 9^2 + 22^2 + 24^0 = 13 + 92 + 222 + 240 \\
 567 &:= 1^5 + 2^2 + 2^9 + 50^1 = 15 + 22 + 29 + 501 \\
 567 &:= 1^9 + 3^5 + 17^2 + 34^1 = 19 + 35 + 172 + 341 \\
 567 &:= 2^4 + 10^0 + 21^1 + 23^2 = 24 + 100 + 211 + 232 \\
 567 &:= 3^3 + 8^3 + 18^0 + 27^1 = 33 + 83 + 180 + 271 \\
 567 &:= 4^4 + 14^0 + 17^2 + 21^1 = 44 + 140 + 172 + 211 \\
 567 &:= 6^3 + 7^1 + 7^3 + 36^0 = 63 + 71 + 73 + 360 \\
 567 &:= 1^0 + 2^3 + 14^2 + 19^2 + 20^0 = 10 + 23 + 142 + 192 + 200 \\
 567 &:= 1^0 + 2^4 + 10^0 + 20^1 + 23^2 = 10 + 24 + 100 + 201 + 232
 \end{aligned}$$

$$\begin{aligned}
 567 &:= 1^0 + 3^2 + 3^3 + 23^2 + 26^0 = 10 + 32 + 33 + 232 + 260 \\
 567 &:= 1^0 + 3^3 + 8^3 + 18^0 + 26^1 = 10 + 33 + 83 + 180 + 261 \\
 567 &:= 1^0 + 4^4 + 14^0 + 17^2 + 20^1 = 10 + 44 + 140 + 172 + 201 \\
 567 &:= 1^0 + 5^2 + 6^3 + 18^2 + 26^0 = 10 + 52 + 63 + 182 + 260 \\
 567 &:= 1^1 + 12^2 + 14^0 + 14^2 + 15^2 = 11 + 122 + 140 + 142 + 152 \\
 567 &:= 1^1 + 3^3 + 9^1 + 20^0 + 23^2 = 11 + 33 + 91 + 200 + 232 \\
 567 &:= 1^1 + 4^2 + 15^2 + 18^0 + 18^2 = 11 + 42 + 152 + 180 + 182 \\
 567 &:= 1^1 + 4^3 + 12^0 + 17^1 + 22^2 = 11 + 43 + 120 + 171 + 222 \\
 567 &:= 1^1 + 6^0 + 6^3 + 18^2 + 25^1 = 11 + 60 + 63 + 182 + 251 \\
 567 &:= 1^1 + 6^2 + 8^3 + 17^1 + 24^0 = 11 + 62 + 83 + 171 + 240 \\
 567 &:= 1^1 + 7^3 + 8^0 + 14^2 + 26^1 = 11 + 73 + 80 + 142 + 261
 \end{aligned}$$

$$\begin{aligned} 567 &:= 1^2 + 2^0 + 12^2 + 20^2 + 21^1 = 12 + 20 + 122 + 202 + 211 \\ 567 &:= 1^2 + 2^0 + 16^2 + 17^2 + 20^1 = 12 + 20 + 162 + 172 + 201 \\ 567 &:= 1^2 + 2^0 + 3^2 + 23^2 + 27^1 = 12 + 20 + 32 + 232 + 271 \\ 567 &:= 1^2 + 3^1 + 11^2 + 20^0 + 21^2 = 12 + 31 + 112 + 200 + 212 \\ 567 &:= 1^2 + 4^2 + 8^0 + 20^1 + 23^2 = 12 + 42 + 80 + 201 + 232 \\ 567 &:= 1^2 + 5^2 + 11^1 + 16^0 + 23^2 = 12 + 52 + 111 + 160 + 232 \\ 567 &:= 1^2 + 6^0 + 15^2 + 16^1 + 18^2 = 12 + 60 + 152 + 161 + 182 \\ 567 &:= 1^2 + 8^0 + 8^2 + 17^1 + 22^2 = 12 + 80 + 82 + 171 + 222 \\ 567 &:= 1^2 + 8^1 + 14^0 + 14^2 + 19^2 = 12 + 81 + 140 + 142 + 192 \\ 567 &:= 1^3 + 1^9 + 12^2 + 20^2 + 21^1 = 13 + 19 + 122 + 202 + 211 \\ 567 &:= 1^3 + 1^9 + 16^2 + 17^2 + 20^1 = 13 + 19 + 162 + 172 + 201 \\ 567 &:= 1^3 + 1^9 + 3^2 + 23^2 + 27^1 = 13 + 19 + 32 + 232 + 271 \\ 567 &:= 1^4 + 1^8 + 12^2 + 20^2 + 21^1 = 14 + 18 + 122 + 202 + 211 \\ 567 &:= 1^4 + 1^8 + 16^2 + 17^2 + 20^1 = 14 + 18 + 162 + 172 + 201 \\ 567 &:= 1^4 + 1^8 + 3^2 + 23^2 + 27^1 = 14 + 18 + 32 + 232 + 271 \\ 567 &:= 1^4 + 2^2 + 2^9 + 23^1 + 27^1 = 14 + 22 + 29 + 231 + 271 \\ 567 &:= 1^4 + 2^2 + 2^9 + 24^1 + 26^1 = 14 + 22 + 29 + 241 + 261 \\ 567 &:= 1^4 + 2^2 + 2^9 + 25^1 + 25^1 = 14 + 22 + 29 + 251 + 251 \\ 567 &:= 1^4 + 2^9 + 3^3 + 23^0 + 26^1 = 14 + 29 + 33 + 230 + 261 \\ 567 &:= 1^5 + 1^7 + 12^2 + 20^2 + 21^1 = 15 + 17 + 122 + 202 + 211 \\ 567 &:= 1^5 + 1^7 + 16^2 + 17^2 + 20^1 = 15 + 17 + 162 + 172 + 201 \\ 567 &:= 1^5 + 1^7 + 3^2 + 23^2 + 27^1 = 15 + 17 + 32 + 232 + 271 \\ 567 &:= 1^6 + 1^6 + 12^2 + 20^2 + 21^1 = 16 + 16 + 122 + 202 + 211 \\ 567 &:= 1^6 + 1^6 + 16^2 + 17^2 + 20^1 = 16 + 16 + 162 + 172 + 201 \\ 567 &:= 1^6 + 1^6 + 3^2 + 23^2 + 27^1 = 16 + 16 + 32 + 232 + 271 \\ 567 &:= 1^6 + 2^6 + 15^2 + 16^2 + 21^1 = 16 + 26 + 152 + 162 + 211 \\ 567 &:= 1^6 + 2^6 + 6^2 + 21^2 + 25^1 = 16 + 26 + 62 + 212 + 251 \\ 567 &:= 1^6 + 2^8 + 15^0 + 17^2 + 20^1 = 16 + 28 + 150 + 172 + 201 \\ 567 &:= 1^7 + 2^5 + 15^2 + 17^2 + 20^1 = 17 + 25 + 152 + 172 + 201 \\ 567 &:= 1^7 + 2^5 + 5^2 + 22^2 + 25^1 = 17 + 25 + 52 + 222 + 251 \\ 567 &:= 1^7 + 3^5 + 10^2 + 14^2 + 27^1 = 17 + 35 + 102 + 142 + 271 \\ 567 &:= 1^8 + 2^2 + 2^5 + 23^2 + 27^0 = 18 + 22 + 25 + 232 + 270 \\ 567 &:= 1^8 + 2^4 + 13^2 + 19^2 + 20^1 = 18 + 24 + 132 + 192 + 201 \\ 567 &:= 1^8 + 2^5 + 7^2 + 22^2 + 23^0 = 18 + 25 + 72 + 222 + 230 \\ 567 &:= 1^8 + 2^5 + 8^3 + 21^1 + 23^0 = 18 + 25 + 83 + 211 + 230 \\ 567 &:= 1^8 + 2^6 + 13^0 + 17^1 + 22^2 = 18 + 26 + 130 + 171 + 222 \\ 567 &:= 1^8 + 3^5 + 10^1 + 17^2 + 24^1 = 18 + 35 + 101 + 172 + 241 \\ 567 &:= 1^8 + 3^5 + 11^1 + 17^2 + 23^1 = 18 + 35 + 111 + 172 + 231 \\ 567 &:= 1^8 + 3^5 + 12^1 + 17^2 + 22^1 = 18 + 35 + 121 + 172 + 221 \\ 567 &:= 1^8 + 3^5 + 13^1 + 17^2 + 21^1 = 18 + 35 + 131 + 172 + 211 \\ 567 &:= 1^8 + 3^5 + 14^1 + 17^2 + 20^1 = 18 + 35 + 141 + 172 + 201 \\ 567 &:= 1^8 + 3^5 + 15^1 + 17^2 + 19^1 = 18 + 35 + 151 + 172 + 191 \\ 567 &:= 1^8 + 3^5 + 16^1 + 17^2 + 18^1 = 18 + 35 + 161 + 172 + 181 \\ 567 &:= 1^8 + 3^5 + 17^1 + 17^1 + 17^2 = 18 + 35 + 171 + 171 + 172 \\ 567 &:= 1^8 + 3^5 + 7^1 + 17^2 + 27^1 = 18 + 35 + 71 + 172 + 271 \\ 567 &:= 1^8 + 3^5 + 8^1 + 17^2 + 26^1 = 18 + 35 + 81 + 172 + 261 \\ 567 &:= 1^8 + 3^5 + 9^1 + 17^2 + 25^1 = 18 + 35 + 91 + 172 + 251 \\ 567 &:= 1^8 + 5^3 + 5^3 + 17^2 + 27^1 = 18 + 53 + 53 + 172 + 271 \\ 567 &:= 1^9 + 2^4 + 15^2 + 18^2 + 19^0 = 19 + 24 + 152 + 182 + 190 \\ 567 &:= 1^9 + 2^5 + 4^1 + 23^2 + 25^0 = 19 + 25 + 41 + 232 + 250 \\ 567 &:= 1^9 + 3^3 + 14^2 + 18^2 + 19^1 = 19 + 33 + 142 + 182 + 191 \\ 567 &:= 1^9 + 4^2 + 5^3 + 20^2 + 25^1 = 19 + 42 + 53 + 202 + 251 \\ 567 &:= 1^9 + 4^3 + 11^2 + 19^2 + 20^1 = 19 + 43 + 112 + 192 + 201 \\ 567 &:= 1^9 + 4^3 + 9^2 + 20^2 + 21^1 = 19 + 43 + 92 + 202 + 211 \\ 567 &:= 1^9 + 5^3 + 14^2 + 15^2 + 20^1 = 19 + 53 + 142 + 152 + 201 \\ 567 &:= 1^9 + 6^2 + 6^3 + 17^2 + 25^1 = 19 + 62 + 63 + 172 + 251 \\ 567 &:= 2^0 + 10^2 + 14^1 + 14^2 + 16^2 = 20 + 102 + 141 + 142 + 162 \\ 567 &:= 2^0 + 2^1 + 2^3 + 23^2 + 27^1 = 20 + 21 + 23 + 232 + 271 \\ 567 &:= 2^0 + 2^2 + 10^2 + 21^1 + 21^2 = 20 + 22 + 102 + 211 + 212 \\ 567 &:= 2^0 + 2^3 + 10^1 + 19^1 + 23^2 = 20 + 23 + 101 + 191 + 232 \\ 567 &:= 2^0 + 2^3 + 11^1 + 18^1 + 23^2 = 20 + 23 + 111 + 181 + 232 \\ 567 &:= 2^0 + 2^3 + 12^1 + 17^1 + 23^2 = 20 + 23 + 121 + 171 + 232 \\ 567 &:= 2^0 + 2^3 + 13^1 + 16^1 + 23^2 = 20 + 23 + 131 + 161 + 232 \\ 567 &:= 2^0 + 2^3 + 14^1 + 15^1 + 23^2 = 20 + 23 + 141 + 151 + 232 \\ 567 &:= 2^0 + 2^3 + 14^2 + 19^0 + 19^2 = 20 + 23 + 142 + 190 + 192 \\ 567 &:= 2^0 + 2^3 + 3^1 + 23^2 + 26^1 = 20 + 23 + 31 + 232 + 261 \\ 567 &:= 2^0 + 2^3 + 4^1 + 23^2 + 25^1 = 20 + 23 + 41 + 232 + 251 \\ 567 &:= 2^0 + 2^3 + 5^1 + 23^2 + 24^1 = 20 + 23 + 51 + 232 + 241 \\ 567 &:= 2^0 + 2^3 + 6^1 + 23^1 + 23^2 = 20 + 23 + 61 + 231 + 232 \\ 567 &:= 2^0 + 2^3 + 7^1 + 22^1 + 23^2 = 20 + 23 + 71 + 221 + 232 \\ 567 &:= 2^0 + 2^3 + 8^1 + 21^1 + 23^2 = 20 + 23 + 81 + 211 + 232 \\ 567 &:= 2^0 + 2^3 + 9^1 + 20^1 + 23^2 = 20 + 23 + 91 + 201 + 232 \\ 567 &:= 2^0 + 2^4 + 9^0 + 20^1 + 23^2 = 20 + 24 + 90 + 201 + 232 \\ 567 &:= 2^0 + 3^2 + 3^3 + 23^2 + 25^0 = 20 + 32 + 33 + 232 + 250 \\ 567 &:= 2^0 + 3^3 + 8^3 + 17^0 + 26^1 = 20 + 33 + 83 + 170 + 261 \\ 567 &:= 2^0 + 4^4 + 13^0 + 17^2 + 20^1 = 20 + 44 + 130 + 172 + 201 \end{aligned}$$

$$\begin{aligned} 567 &:= 2^0 + 5^2 + 6^2 + 21^1 + 22^2 = 20 + 52 + 62 + 211 + 222 & 567 &:= 2^3 + 7^0 + 14^0 + 14^2 + 19^2 = 23 + 70 + 140 + 142 + 192 \\ 567 &:= 2^0 + 5^2 + 6^3 + 18^2 + 25^0 = 20 + 52 + 63 + 182 + 250 & 567 &:= 2^3 + 8^0 + 13^0 + 14^2 + 19^2 = 23 + 80 + 130 + 142 + 192 \\ 567 &:= 2^0 + 5^2 + 9^2 + 19^1 + 21^2 = 20 + 52 + 92 + 191 + 212 & 567 &:= 2^3 + 9^0 + 12^0 + 14^2 + 19^2 = 23 + 90 + 120 + 142 + 192 \\ 567 &:= 2^0 + 6^2 + 15^2 + 16^1 + 17^2 = 20 + 62 + 152 + 161 + 172 & 567 &:= 2^4 + 3^0 + 8^0 + 20^1 + 23^2 = 24 + 30 + 80 + 201 + 232 \\ 567 &:= 2^0 + 7^2 + 10^2 + 17^1 + 20^2 = 20 + 72 + 102 + 171 + 202 & 567 &:= 2^4 + 4^0 + 7^0 + 20^1 + 23^2 = 24 + 40 + 70 + 201 + 232 \\ 567 &:= 2^1 + 3^3 + 8^1 + 20^0 + 23^2 = 21 + 33 + 81 + 200 + 232 & 567 &:= 2^4 + 5^0 + 6^0 + 20^1 + 23^2 = 24 + 50 + 60 + 201 + 232 \\ 567 &:= 2^1 + 4^2 + 8^2 + 20^0 + 22^2 = 21 + 42 + 82 + 200 + 222 & 567 &:= 2^6 + 2^8 + 15^0 + 15^2 + 21^1 = 26 + 28 + 150 + 152 + 211 \\ 567 &:= 2^1 + 4^3 + 12^0 + 16^1 + 22^2 = 21 + 43 + 120 + 161 + 222 & 567 &:= 2^7 + 2^7 + 13^0 + 17^2 + 21^1 = 27 + 27 + 130 + 172 + 211 \\ 567 &:= 2^1 + 5^2 + 8^3 + 14^0 + 27^1 = 21 + 52 + 83 + 140 + 271 & 567 &:= 3^0 + 3^2 + 3^3 + 23^2 + 24^0 = 30 + 32 + 33 + 232 + 240 \\ 567 &:= 2^1 + 6^0 + 6^3 + 18^2 + 24^1 = 21 + 60 + 63 + 182 + 241 & 567 &:= 3^0 + 3^3 + 8^3 + 16^0 + 26^1 = 30 + 33 + 83 + 160 + 261 \\ 567 &:= 2^1 + 6^2 + 8^3 + 16^1 + 24^0 = 21 + 62 + 83 + 161 + 240 & 567 &:= 3^0 + 4^4 + 12^0 + 17^2 + 20^1 = 30 + 44 + 120 + 172 + 201 \\ 567 &:= 2^1 + 7^3 + 8^0 + 14^2 + 25^1 = 21 + 73 + 80 + 142 + 251 & 567 &:= 3^0 + 5^2 + 6^3 + 18^2 + 24^0 = 30 + 52 + 63 + 182 + 240 \\ 567 &:= 2^1 + 8^2 + 10^2 + 16^0 + 20^2 = 21 + 82 + 102 + 160 + 202 & 567 &:= 3^1 + 12^0 + 13^2 + 13^2 + 15^2 = 31 + 120 + 132 + 132 + 152 \\ 567 &:= 2^2 + 3^2 + 4^0 + 23^2 + 24^1 = 22 + 32 + 40 + 232 + 241 & 567 &:= 3^1 + 3^2 + 5^2 + 22^0 + 23^2 = 31 + 32 + 52 + 220 + 232 \\ 567 &:= 2^2 + 4^0 + 12^2 + 18^1 + 20^2 = 22 + 40 + 122 + 181 + 202 & 567 &:= 3^1 + 3^3 + 7^1 + 20^0 + 23^2 = 31 + 33 + 71 + 200 + 232 \\ 567 &:= 2^2 + 4^0 + 16^2 + 17^1 + 17^2 = 22 + 40 + 162 + 171 + 172 & 567 &:= 3^1 + 4^3 + 12^0 + 15^1 + 22^2 = 31 + 43 + 120 + 151 + 222 \\ 567 &:= 2^2 + 4^2 + 10^0 + 17^1 + 23^2 = 22 + 42 + 100 + 171 + 232 & 567 &:= 3^1 + 5^2 + 8^3 + 14^0 + 26^1 = 31 + 52 + 83 + 140 + 261 \\ 567 &:= 2^2 + 5^1 + 14^2 + 16^0 + 19^2 = 22 + 51 + 142 + 160 + 192 & 567 &:= 3^1 + 6^0 + 6^3 + 18^2 + 23^1 = 31 + 60 + 63 + 182 + 231 \\ 567 &:= 2^2 + 5^2 + 8^1 + 18^0 + 23^2 = 22 + 52 + 81 + 180 + 232 & 567 &:= 3^1 + 6^2 + 8^3 + 15^1 + 24^0 = 31 + 62 + 83 + 151 + 240 \\ 567 &:= 2^2 + 7^2 + 8^3 + 12^0 + 27^0 = 22 + 72 + 83 + 120 + 270 & 567 &:= 3^1 + 7^2 + 14^0 + 15^2 + 17^2 = 31 + 72 + 140 + 152 + 172 \\ 567 &:= 2^2 + 7^2 + 8^3 + 13^0 + 26^0 = 22 + 72 + 83 + 130 + 260 & 567 &:= 3^1 + 7^3 + 8^0 + 14^2 + 24^1 = 31 + 73 + 80 + 142 + 241 \\ 567 &:= 2^2 + 7^2 + 8^3 + 14^0 + 25^0 = 22 + 72 + 83 + 140 + 250 & 567 &:= 3^1 + 9^2 + 11^2 + 14^0 + 19^2 = 31 + 92 + 112 + 140 + 192 \\ 567 &:= 2^2 + 7^2 + 8^3 + 15^0 + 24^0 = 22 + 72 + 83 + 150 + 240 & 567 &:= 3^2 + 3^2 + 8^0 + 19^1 + 23^2 = 32 + 32 + 80 + 191 + 232 \\ 567 &:= 2^2 + 7^2 + 8^3 + 16^0 + 23^0 = 22 + 72 + 83 + 160 + 230 & 567 &:= 3^2 + 3^3 + 10^0 + 17^0 + 23^2 = 32 + 33 + 100 + 170 + 232 \\ 567 &:= 2^2 + 7^2 + 8^3 + 17^0 + 22^0 = 22 + 72 + 83 + 170 + 220 & 567 &:= 3^2 + 3^3 + 11^0 + 16^0 + 23^2 = 32 + 33 + 110 + 160 + 232 \\ 567 &:= 2^2 + 7^2 + 8^3 + 18^0 + 21^0 = 22 + 72 + 83 + 180 + 210 & 567 &:= 3^2 + 3^3 + 12^0 + 15^0 + 23^2 = 32 + 33 + 120 + 150 + 232 \\ 567 &:= 2^2 + 7^2 + 8^3 + 19^0 + 20^0 = 22 + 72 + 83 + 190 + 200 & 567 &:= 3^2 + 3^3 + 13^0 + 14^0 + 23^2 = 32 + 33 + 130 + 140 + 232 \\ 567 &:= 2^2 + 8^0 + 13^1 + 15^2 + 18^2 = 22 + 80 + 131 + 152 + 182 & 567 &:= 3^2 + 3^3 + 4^0 + 23^0 + 23^2 = 32 + 33 + 40 + 230 + 232 \\ 567 &:= 2^2 + 8^2 + 10^0 + 14^1 + 22^2 = 22 + 82 + 100 + 141 + 222 & 567 &:= 3^2 + 3^3 + 5^0 + 22^0 + 23^2 = 32 + 33 + 50 + 220 + 232 \\ 567 &:= 2^3 + 10^0 + 11^0 + 14^2 + 19^2 = 23 + 100 + 110 + 142 + 192 & 567 &:= 3^2 + 3^3 + 6^0 + 21^0 + 23^2 = 32 + 33 + 60 + 210 + 232 \\ 567 &:= 2^3 + 2^8 + 4^4 + 20^1 + 27^1 = 23 + 28 + 44 + 201 + 271 & 567 &:= 3^2 + 3^3 + 7^0 + 20^0 + 23^2 = 32 + 33 + 70 + 200 + 232 \\ 567 &:= 2^3 + 2^8 + 4^4 + 21^1 + 26^1 = 23 + 28 + 44 + 211 + 261 & 567 &:= 3^2 + 3^3 + 8^0 + 19^0 + 23^2 = 32 + 33 + 80 + 190 + 232 \\ 567 &:= 2^3 + 2^8 + 4^4 + 22^1 + 25^1 = 23 + 28 + 44 + 221 + 251 & 567 &:= 3^2 + 3^3 + 9^0 + 18^0 + 23^2 = 32 + 33 + 90 + 180 + 232 \\ 567 &:= 2^3 + 2^8 + 4^4 + 23^1 + 24^1 = 23 + 28 + 44 + 231 + 241 & 567 &:= 3^2 + 4^2 + 12^1 + 14^0 + 23^2 = 32 + 42 + 121 + 140 + 232 \\ 567 &:= 2^3 + 3^0 + 14^2 + 18^0 + 19^2 = 23 + 30 + 142 + 180 + 192 & 567 &:= 3^2 + 6^0 + 10^2 + 16^1 + 21^2 = 32 + 60 + 102 + 161 + 212 \\ 567 &:= 2^3 + 4^0 + 14^2 + 17^0 + 19^2 = 23 + 40 + 142 + 170 + 192 & 567 &:= 3^2 + 8^0 + 12^1 + 16^2 + 17^2 = 32 + 80 + 121 + 162 + 172 \\ 567 &:= 2^3 + 5^0 + 14^2 + 16^0 + 19^2 = 23 + 50 + 142 + 160 + 192 & 567 &:= 3^2 + 8^0 + 12^2 + 13^1 + 20^2 = 32 + 80 + 122 + 131 + 202 \\ 567 &:= 2^3 + 6^0 + 14^2 + 15^0 + 19^2 = 23 + 60 + 142 + 150 + 192 & 567 &:= 3^2 + 8^1 + 12^0 + 15^2 + 18^2 = 32 + 81 + 120 + 152 + 182 \end{aligned}$$

$$\begin{aligned} 567 &:= 3^2 + 8^2 + 9^1 + 14^0 + 22^2 = 32 + 82 + 91 + 140 + 222 & 567 &:= 4^4 + 5^0 + 10^0 + 17^2 + 20^1 = 44 + 50 + 100 + 172 + 201 \\ 567 &:= 3^3 + 4^0 + 8^3 + 15^0 + 26^1 = 33 + 40 + 83 + 150 + 261 & 567 &:= 4^4 + 6^0 + 9^0 + 17^2 + 20^1 = 44 + 60 + 90 + 172 + 201 \\ 567 &:= 3^3 + 4^1 + 6^1 + 20^0 + 23^2 = 33 + 41 + 61 + 200 + 232 & 567 &:= 4^4 + 7^0 + 8^0 + 17^2 + 20^1 = 44 + 70 + 80 + 172 + 201 \\ 567 &:= 3^3 + 5^0 + 8^3 + 14^0 + 26^1 = 33 + 50 + 83 + 140 + 261 & 567 &:= 5^0 + 5^2 + 6^3 + 18^2 + 22^0 = 50 + 52 + 63 + 182 + 220 \\ 567 &:= 3^3 + 5^1 + 5^1 + 20^0 + 23^2 = 33 + 51 + 51 + 200 + 232 & 567 &:= 5^1 + 10^0 + 13^2 + 14^2 + 14^2 = 51 + 100 + 132 + 142 + 142 \\ 567 &:= 3^3 + 6^0 + 8^3 + 13^0 + 26^1 = 33 + 60 + 83 + 130 + 261 & 567 &:= 5^1 + 10^2 + 10^2 + 12^0 + 19^2 = 51 + 102 + 102 + 120 + 192 \\ 567 &:= 3^3 + 7^0 + 8^3 + 12^0 + 26^1 = 33 + 70 + 83 + 120 + 261 & 567 &:= 5^1 + 5^2 + 8^3 + 14^0 + 24^1 = 51 + 52 + 83 + 140 + 241 \\ 567 &:= 3^3 + 8^0 + 8^3 + 11^0 + 26^1 = 33 + 80 + 83 + 110 + 261 & 567 &:= 5^1 + 6^0 + 6^3 + 18^2 + 21^1 = 51 + 60 + 63 + 182 + 211 \\ 567 &:= 3^3 + 8^3 + 9^0 + 10^0 + 26^1 = 33 + 83 + 90 + 100 + 261 & 567 &:= 5^1 + 6^2 + 8^3 + 13^1 + 24^0 = 51 + 62 + 83 + 131 + 240 \\ 567 &:= 4^0 + 11^2 + 12^1 + 12^2 + 17^2 = 40 + 112 + 121 + 122 + 172 & 567 &:= 5^1 + 7^2 + 12^0 + 16^2 + 16^2 = 51 + 72 + 120 + 162 + 162 \\ 567 &:= 4^0 + 4^4 + 11^0 + 17^2 + 20^1 = 40 + 44 + 110 + 172 + 201 & 567 &:= 5^1 + 7^3 + 8^0 + 14^2 + 22^1 = 51 + 73 + 80 + 142 + 221 \\ 567 &:= 4^0 + 5^2 + 6^3 + 18^2 + 23^0 = 40 + 52 + 63 + 182 + 230 & 567 &:= 5^2 + 6^0 + 6^3 + 18^2 + 21^0 = 52 + 60 + 63 + 182 + 210 \\ 567 &:= 4^1 + 4^3 + 12^0 + 14^1 + 22^2 = 41 + 43 + 120 + 141 + 222 & 567 &:= 5^2 + 6^1 + 8^3 + 14^0 + 23^1 = 52 + 61 + 83 + 140 + 231 \\ 567 &:= 4^1 + 5^2 + 8^3 + 14^0 + 25^1 = 41 + 52 + 83 + 140 + 251 & 567 &:= 5^2 + 6^3 + 10^0 + 17^0 + 18^2 = 52 + 63 + 100 + 170 + 182 \\ 567 &:= 4^1 + 6^0 + 6^3 + 18^2 + 22^1 = 41 + 60 + 63 + 182 + 221 & 567 &:= 5^2 + 6^3 + 11^0 + 16^0 + 18^2 = 52 + 63 + 110 + 160 + 182 \\ 567 &:= 4^1 + 6^2 + 8^3 + 14^1 + 24^0 = 41 + 62 + 83 + 141 + 240 & 567 &:= 5^2 + 6^3 + 12^0 + 15^0 + 18^2 = 52 + 63 + 120 + 150 + 182 \\ 567 &:= 4^1 + 7^3 + 8^0 + 14^2 + 23^1 = 41 + 73 + 80 + 142 + 231 & 567 &:= 5^2 + 6^3 + 13^0 + 14^0 + 18^2 = 52 + 63 + 130 + 140 + 182 \\ 567 &:= 4^1 + 9^2 + 12^0 + 15^2 + 16^2 = 41 + 92 + 120 + 152 + 162 & 567 &:= 5^2 + 6^3 + 7^0 + 18^2 + 20^0 = 52 + 63 + 70 + 182 + 200 \\ 567 &:= 4^1 + 9^2 + 9^2 + 14^0 + 20^2 = 41 + 92 + 92 + 140 + 202 & 567 &:= 5^2 + 6^3 + 8^0 + 18^2 + 19^0 = 52 + 63 + 80 + 182 + 190 \\ 567 &:= 4^2 + 4^2 + 5^1 + 20^0 + 23^2 = 42 + 42 + 51 + 200 + 232 & 567 &:= 5^2 + 6^3 + 9^0 + 18^0 + 18^2 = 52 + 63 + 90 + 180 + 182 \\ 567 &:= 4^2 + 5^1 + 14^0 + 16^2 + 17^2 = 42 + 51 + 140 + 162 + 172 & 567 &:= 5^2 + 7^1 + 8^3 + 14^0 + 22^1 = 52 + 71 + 83 + 140 + 221 \\ 567 &:= 4^2 + 6^0 + 7^2 + 17^1 + 22^2 = 42 + 60 + 72 + 171 + 222 & 567 &:= 5^2 + 7^2 + 8^1 + 14^0 + 22^2 = 52 + 72 + 81 + 140 + 222 \\ 567 &:= 4^2 + 6^0 + 8^3 + 11^1 + 27^1 = 42 + 60 + 83 + 111 + 271 & 567 &:= 5^2 + 8^0 + 11^1 + 13^2 + 19^2 = 52 + 80 + 111 + 132 + 192 \\ 567 &:= 4^2 + 6^0 + 8^3 + 12^1 + 26^1 = 42 + 60 + 83 + 121 + 261 & 567 &:= 5^2 + 8^1 + 8^3 + 14^0 + 21^1 = 52 + 81 + 83 + 140 + 211 \\ 567 &:= 4^2 + 6^0 + 8^3 + 13^1 + 25^1 = 42 + 60 + 83 + 131 + 251 & 567 &:= 5^2 + 8^3 + 10^1 + 14^0 + 19^1 = 52 + 83 + 101 + 140 + 191 \\ 567 &:= 4^2 + 6^0 + 8^3 + 14^1 + 24^1 = 42 + 60 + 83 + 141 + 241 & 567 &:= 5^2 + 8^3 + 11^1 + 14^0 + 18^1 = 52 + 83 + 111 + 140 + 181 \\ 567 &:= 4^2 + 6^0 + 8^3 + 15^1 + 23^1 = 42 + 60 + 83 + 151 + 231 & 567 &:= 5^2 + 8^3 + 12^1 + 14^0 + 17^1 = 52 + 83 + 121 + 140 + 171 \\ 567 &:= 4^2 + 6^0 + 8^3 + 16^1 + 22^1 = 42 + 60 + 83 + 161 + 221 & 567 &:= 5^2 + 8^3 + 13^1 + 14^0 + 16^1 = 52 + 83 + 131 + 140 + 161 \\ 567 &:= 4^2 + 6^0 + 8^3 + 17^1 + 21^1 = 42 + 60 + 83 + 171 + 211 & 567 &:= 5^2 + 8^3 + 14^0 + 14^1 + 15^1 = 52 + 83 + 140 + 141 + 151 \\ 567 &:= 4^2 + 6^0 + 8^3 + 18^1 + 20^1 = 42 + 60 + 83 + 181 + 201 & 567 &:= 5^2 + 8^3 + 9^1 + 14^0 + 20^1 = 52 + 83 + 91 + 140 + 201 \\ 567 &:= 4^2 + 6^0 + 8^3 + 19^1 + 19^1 = 42 + 60 + 83 + 191 + 191 & 567 &:= 6^0 + 6^1 + 6^3 + 18^2 + 20^1 = 60 + 61 + 63 + 182 + 201 \\ 567 &:= 4^2 + 6^1 + 12^2 + 14^0 + 20^2 = 42 + 61 + 122 + 140 + 202 & 567 &:= 6^0 + 6^3 + 10^1 + 16^1 + 18^2 = 60 + 63 + 101 + 161 + 182 \\ 567 &:= 4^2 + 9^1 + 10^2 + 12^0 + 21^2 = 42 + 91 + 102 + 120 + 212 & 567 &:= 6^0 + 6^3 + 11^1 + 15^1 + 18^2 = 60 + 63 + 111 + 151 + 182 \\ 567 &:= 4^3 + 5^1 + 12^0 + 13^1 + 22^2 = 43 + 51 + 120 + 131 + 222 & 567 &:= 6^0 + 6^3 + 12^1 + 14^1 + 18^2 = 60 + 63 + 121 + 141 + 182 \\ 567 &:= 4^3 + 6^1 + 12^0 + 12^1 + 22^2 = 43 + 61 + 120 + 121 + 222 & 567 &:= 6^0 + 6^3 + 13^1 + 13^1 + 18^2 = 60 + 63 + 131 + 131 + 182 \\ 567 &:= 4^3 + 7^1 + 11^1 + 12^0 + 22^2 = 43 + 71 + 111 + 120 + 222 & 567 &:= 6^0 + 6^3 + 7^1 + 18^2 + 19^1 = 60 + 63 + 71 + 182 + 191 \\ 567 &:= 4^3 + 8^1 + 10^1 + 12^0 + 22^2 = 43 + 81 + 101 + 120 + 222 & 567 &:= 6^0 + 6^3 + 8^1 + 18^1 + 18^2 = 60 + 63 + 81 + 181 + 182 \\ 567 &:= 4^3 + 9^1 + 9^1 + 12^0 + 22^2 = 43 + 91 + 91 + 120 + 222 & 567 &:= 6^0 + 6^3 + 9^1 + 17^1 + 18^2 = 60 + 63 + 91 + 171 + 182 \end{aligned}$$

$$\begin{aligned}
 567 &:= 6^0 + 7^2 + 12^1 + 12^2 + 19^2 = 60 + 72 + 121 + 122 + 192 \\
 567 &:= 6^1 + 6^2 + 8^3 + 12^1 + 24^0 = 61 + 62 + 83 + 121 + 240 \\
 567 &:= 6^1 + 6^3 + 7^3 + 10^0 + 27^0 = 61 + 63 + 73 + 100 + 270 \\
 567 &:= 6^1 + 6^3 + 7^3 + 11^0 + 26^0 = 61 + 63 + 73 + 110 + 260 \\
 567 &:= 6^1 + 6^3 + 7^3 + 12^0 + 25^0 = 61 + 63 + 73 + 120 + 250 \\
 567 &:= 6^1 + 6^3 + 7^3 + 13^0 + 24^0 = 61 + 63 + 73 + 130 + 240 \\
 567 &:= 6^1 + 6^3 + 7^3 + 14^0 + 23^0 = 61 + 63 + 73 + 140 + 230 \\
 567 &:= 6^1 + 6^3 + 7^3 + 15^0 + 22^0 = 61 + 63 + 73 + 150 + 220 \\
 567 &:= 6^1 + 6^3 + 7^3 + 16^0 + 21^0 = 61 + 63 + 73 + 160 + 210 \\
 567 &:= 6^1 + 6^3 + 7^3 + 17^0 + 20^0 = 61 + 63 + 73 + 170 + 200 \\
 567 &:= 6^1 + 6^3 + 7^3 + 18^0 + 19^0 = 61 + 63 + 73 + 180 + 190 \\
 567 &:= 6^1 + 7^3 + 8^0 + 14^2 + 21^1 = 61 + 73 + 80 + 142 + 211 \\
 567 &:= 6^2 + 6^2 + 10^1 + 12^0 + 22^2 = 62 + 62 + 101 + 120 + 222 \\
 567 &:= 6^2 + 7^1 + 8^3 + 11^1 + 24^0 = 62 + 71 + 83 + 111 + 240 \\
 567 &:= 6^2 + 8^0 + 10^1 + 14^2 + 18^2 = 62 + 80 + 101 + 142 + 182
 \end{aligned}$$

$$\begin{aligned}
 567 &:= 6^2 + 8^1 + 8^3 + 10^1 + 24^0 = 62 + 81 + 83 + 101 + 240 \\
 567 &:= 6^2 + 8^1 + 9^2 + 12^0 + 21^2 = 62 + 81 + 92 + 120 + 212 \\
 567 &:= 6^2 + 8^3 + 9^1 + 9^1 + 24^0 = 62 + 83 + 91 + 91 + 240 \\
 567 &:= 6^2 + 9^1 + 10^0 + 11^2 + 20^2 = 62 + 91 + 100 + 112 + 202 \\
 567 &:= 7^1 + 7^3 + 8^0 + 14^2 + 20^1 = 71 + 73 + 80 + 142 + 201 \\
 567 &:= 7^2 + 8^0 + 8^2 + 12^1 + 21^2 = 72 + 80 + 82 + 121 + 212 \\
 567 &:= 7^3 + 8^0 + 10^1 + 14^2 + 17^1 = 73 + 80 + 101 + 142 + 171 \\
 567 &:= 7^3 + 8^0 + 11^1 + 14^2 + 16^1 = 73 + 80 + 111 + 142 + 161 \\
 567 &:= 7^3 + 8^0 + 12^1 + 14^2 + 15^1 = 73 + 80 + 121 + 142 + 151 \\
 567 &:= 7^3 + 8^0 + 13^1 + 14^1 + 14^2 = 73 + 80 + 131 + 141 + 142 \\
 567 &:= 7^3 + 8^0 + 8^1 + 14^2 + 19^1 = 73 + 80 + 81 + 142 + 191 \\
 567 &:= 7^3 + 8^0 + 9^1 + 14^2 + 18^1 = 73 + 80 + 91 + 142 + 181 \\
 567 &:= 8^0 + 8^1 + 10^2 + 13^2 + 17^2 = 80 + 81 + 102 + 132 + 172 \\
 567 &:= 8^0 + 8^2 + 9^1 + 13^2 + 18^2 = 80 + 82 + 91 + 132 + 182
 \end{aligned}$$

2.2.469 Number 568

$$\begin{aligned}
 568 &:= 3^5 + 17^2 + 36^1 = 35 + 172 + 361 \\
 568 &:= 1^0 + 3^5 + 17^2 + 35^1 = 10 + 35 + 172 + 351 \\
 568 &:= 1^2 + 2^3 + 23^2 + 30^1 = 12 + 23 + 232 + 301 \\
 568 &:= 1^3 + 12^2 + 20^2 + 23^1 = 13 + 122 + 202 + 231 \\
 568 &:= 1^3 + 16^2 + 17^2 + 22^1 = 13 + 162 + 172 + 221 \\
 568 &:= 1^3 + 3^2 + 23^2 + 29^1 = 13 + 32 + 232 + 291 \\
 568 &:= 1^3 + 5^3 + 21^2 + 29^0 = 13 + 53 + 212 + 290 \\
 568 &:= 2^2 + 3^2 + 8^3 + 43^1 = 22 + 32 + 83 + 431 \\
 568 &:= 2^4 + 7^0 + 8^3 + 39^1 = 24 + 70 + 83 + 391 \\
 568 &:= 2^5 + 6^1 + 23^2 + 25^0 = 25 + 61 + 232 + 250 \\
 568 &:= 3^3 + 14^2 + 18^2 + 21^1 = 33 + 142 + 182 + 211 \\
 568 &:= 3^3 + 6^3 + 18^2 + 29^0 = 33 + 63 + 182 + 290 \\
 568 &:= 4^2 + 5^3 + 20^2 + 27^1 = 42 + 53 + 202 + 271 \\
 568 &:= 4^3 + 11^2 + 19^2 + 22^1 = 43 + 112 + 192 + 221 \\
 568 &:= 4^3 + 9^2 + 20^2 + 23^1 = 43 + 92 + 202 + 231 \\
 568 &:= 5^2 + 7^3 + 13^2 + 31^1 = 52 + 73 + 132 + 311 \\
 568 &:= 5^3 + 14^2 + 15^2 + 22^1 = 53 + 142 + 152 + 221 \\
 568 &:= 6^2 + 6^3 + 17^2 + 27^1 = 62 + 63 + 172 + 271 \\
 568 &:= 1^0 + 1^3 + 12^2 + 20^2 + 22^1 = 10 + 13 + 122 + 202 + 221 \\
 568 &:= 1^0 + 1^3 + 16^2 + 17^2 + 21^1 = 10 + 13 + 162 + 172 + 211
 \end{aligned}$$

$$\begin{aligned}
 568 &:= 1^0 + 1^4 + 6^2 + 23^2 + 25^0 = 10 + 14 + 62 + 232 + 250 \\
 568 &:= 1^0 + 1^4 + 9^2 + 22^2 + 23^0 = 10 + 14 + 92 + 222 + 230 \\
 568 &:= 1^0 + 2^5 + 5^1 + 23^2 + 25^0 = 10 + 25 + 51 + 232 + 250 \\
 568 &:= 1^0 + 3^3 + 14^2 + 18^2 + 20^1 = 10 + 33 + 142 + 182 + 201 \\
 568 &:= 1^0 + 3^4 + 14^2 + 17^2 + 21^0 = 10 + 34 + 142 + 172 + 210 \\
 568 &:= 1^0 + 4^2 + 5^3 + 20^2 + 26^1 = 10 + 42 + 53 + 202 + 261 \\
 568 &:= 1^0 + 4^3 + 11^2 + 19^2 + 21^1 = 10 + 43 + 112 + 192 + 211 \\
 568 &:= 1^0 + 4^3 + 9^2 + 20^2 + 22^1 = 10 + 43 + 92 + 202 + 221 \\
 568 &:= 1^0 + 5^3 + 14^2 + 15^2 + 21^1 = 10 + 53 + 142 + 152 + 211 \\
 568 &:= 1^0 + 6^2 + 6^3 + 17^2 + 26^1 = 10 + 62 + 63 + 172 + 261 \\
 568 &:= 1^1 + 1^2 + 12^2 + 20^2 + 22^1 = 11 + 12 + 122 + 202 + 221 \\
 568 &:= 1^1 + 1^2 + 16^2 + 17^2 + 21^1 = 11 + 12 + 162 + 172 + 211 \\
 568 &:= 1^1 + 1^3 + 6^2 + 23^2 + 25^0 = 11 + 13 + 62 + 232 + 250 \\
 568 &:= 1^1 + 1^3 + 9^2 + 22^2 + 23^0 = 11 + 13 + 92 + 222 + 230 \\
 568 &:= 1^1 + 10^2 + 14^2 + 15^1 + 16^2 = 11 + 102 + 142 + 151 + 162 \\
 568 &:= 1^1 + 2^2 + 10^2 + 21^2 + 22^1 = 11 + 22 + 102 + 212 + 221 \\
 568 &:= 1^1 + 2^3 + 10^1 + 20^1 + 23^2 = 11 + 23 + 101 + 201 + 232 \\
 568 &:= 1^1 + 2^3 + 11^1 + 19^1 + 23^2 = 11 + 23 + 111 + 191 + 232 \\
 568 &:= 1^1 + 2^3 + 12^1 + 18^1 + 23^2 = 11 + 23 + 121 + 181 + 232 \\
 568 &:= 1^1 + 2^3 + 13^1 + 17^1 + 23^2 = 11 + 23 + 131 + 171 + 232
 \end{aligned}$$

$$\begin{aligned} 568 &:= 1^1 + 2^3 + 14^1 + 16^1 + 23^2 = 11 + 23 + 141 + 161 + 232 \\ 568 &:= 1^1 + 2^3 + 15^1 + 15^1 + 23^2 = 11 + 23 + 151 + 151 + 232 \\ 568 &:= 1^1 + 2^3 + 3^1 + 23^2 + 27^1 = 11 + 23 + 31 + 232 + 271 \\ 568 &:= 1^1 + 2^3 + 4^1 + 23^2 + 26^1 = 11 + 23 + 41 + 232 + 261 \\ 568 &:= 1^1 + 2^3 + 5^1 + 23^2 + 25^1 = 11 + 23 + 51 + 232 + 251 \\ 568 &:= 1^1 + 2^3 + 6^1 + 23^2 + 24^1 = 11 + 23 + 61 + 232 + 241 \\ 568 &:= 1^1 + 2^3 + 7^1 + 23^1 + 23^2 = 11 + 23 + 71 + 231 + 232 \\ 568 &:= 1^1 + 2^3 + 8^1 + 22^1 + 23^2 = 11 + 23 + 81 + 221 + 232 \\ 568 &:= 1^1 + 2^3 + 9^1 + 21^1 + 23^2 = 11 + 23 + 91 + 211 + 232 \\ 568 &:= 1^1 + 2^4 + 9^0 + 21^1 + 23^2 = 11 + 24 + 90 + 211 + 232 \\ 568 &:= 1^1 + 3^3 + 8^3 + 17^0 + 27^1 = 11 + 33 + 83 + 170 + 271 \\ 568 &:= 1^1 + 4^4 + 13^0 + 17^2 + 21^1 = 11 + 44 + 130 + 172 + 211 \\ 568 &:= 1^1 + 5^2 + 6^2 + 22^1 + 22^2 = 11 + 52 + 62 + 221 + 222 \\ 568 &:= 1^1 + 5^2 + 9^2 + 20^1 + 21^2 = 11 + 52 + 92 + 201 + 212 \\ 568 &:= 1^1 + 6^2 + 15^2 + 17^1 + 17^2 = 11 + 62 + 152 + 171 + 172 \\ 568 &:= 1^1 + 7^2 + 10^2 + 18^1 + 20^2 = 11 + 72 + 102 + 181 + 202 \\ 568 &:= 1^2 + 1^2 + 6^2 + 23^2 + 25^0 = 12 + 12 + 62 + 232 + 250 \\ 568 &:= 1^2 + 1^2 + 9^2 + 22^2 + 23^0 = 12 + 12 + 92 + 222 + 230 \\ 568 &:= 1^2 + 10^1 + 12^1 + 16^2 + 17^2 = 12 + 101 + 121 + 162 + 172 \\ 568 &:= 1^2 + 10^1 + 12^2 + 13^1 + 20^2 = 12 + 101 + 122 + 131 + 202 \\ 568 &:= 1^2 + 11^1 + 11^1 + 16^2 + 17^2 = 12 + 111 + 111 + 162 + 172 \\ 568 &:= 1^2 + 11^1 + 12^1 + 12^2 + 20^2 = 12 + 111 + 121 + 122 + 202 \\ 568 &:= 1^2 + 11^2 + 11^2 + 15^0 + 18^2 = 12 + 112 + 112 + 150 + 182 \\ 568 &:= 1^2 + 2^1 + 12^2 + 20^2 + 21^1 = 12 + 21 + 122 + 202 + 211 \\ 568 &:= 1^2 + 2^1 + 16^2 + 17^2 + 20^1 = 12 + 21 + 162 + 172 + 201 \\ 568 &:= 1^2 + 2^1 + 3^2 + 23^2 + 27^1 = 12 + 21 + 32 + 232 + 271 \\ 568 &:= 1^2 + 2^2 + 11^2 + 21^0 + 21^2 = 12 + 22 + 112 + 210 + 212 \\ 568 &:= 1^2 + 3^0 + 3^4 + 22^2 + 27^0 = 12 + 30 + 34 + 222 + 270 \\ 568 &:= 1^2 + 3^1 + 12^2 + 20^1 + 20^2 = 12 + 31 + 122 + 201 + 202 \\ 568 &:= 1^2 + 3^1 + 16^2 + 17^2 + 19^1 = 12 + 31 + 162 + 172 + 191 \\ 568 &:= 1^2 + 3^1 + 3^2 + 23^2 + 26^1 = 12 + 31 + 32 + 232 + 261 \\ 568 &:= 1^2 + 3^2 + 10^1 + 19^1 + 23^2 = 12 + 32 + 101 + 191 + 232 \\ 568 &:= 1^2 + 3^2 + 11^1 + 18^1 + 23^2 = 12 + 32 + 111 + 181 + 232 \\ 568 &:= 1^2 + 3^2 + 12^1 + 17^1 + 23^2 = 12 + 32 + 121 + 171 + 232 \\ 568 &:= 1^2 + 3^2 + 13^1 + 16^1 + 23^2 = 12 + 32 + 131 + 161 + 232 \\ 568 &:= 1^2 + 3^2 + 14^1 + 15^1 + 23^2 = 12 + 32 + 141 + 151 + 232 \\ 568 &:= 1^2 + 3^2 + 14^2 + 19^0 + 19^2 = 12 + 32 + 142 + 190 + 192 \\ 568 &:= 1^2 + 3^2 + 4^1 + 23^2 + 25^1 = 12 + 32 + 41 + 232 + 251 \\ 568 &:= 1^2 + 3^2 + 5^1 + 23^2 + 24^1 = 12 + 32 + 51 + 232 + 241 \\ 568 &:= 1^2 + 3^2 + 6^1 + 23^1 + 23^2 = 12 + 32 + 61 + 231 + 232 \\ 568 &:= 1^2 + 3^2 + 7^1 + 22^1 + 23^2 = 12 + 32 + 71 + 221 + 232 \\ 568 &:= 1^2 + 3^2 + 8^1 + 21^1 + 23^2 = 12 + 32 + 81 + 211 + 232 \\ 568 &:= 1^2 + 3^2 + 9^1 + 20^1 + 23^2 = 12 + 32 + 91 + 201 + 232 \\ 568 &:= 1^2 + 3^3 + 10^1 + 19^0 + 23^2 = 12 + 33 + 101 + 190 + 232 \\ 568 &:= 1^2 + 3^4 + 10^0 + 20^0 + 22^2 = 12 + 34 + 100 + 200 + 222 \\ 568 &:= 1^2 + 3^4 + 11^0 + 19^0 + 22^2 = 12 + 34 + 110 + 190 + 222 \\ 568 &:= 1^2 + 3^4 + 12^0 + 18^0 + 22^2 = 12 + 34 + 120 + 180 + 222 \\ 568 &:= 1^2 + 3^4 + 13^0 + 17^0 + 22^2 = 12 + 34 + 130 + 170 + 222 \\ 568 &:= 1^2 + 3^4 + 14^0 + 16^0 + 22^2 = 12 + 34 + 140 + 160 + 222 \\ 568 &:= 1^2 + 3^4 + 15^0 + 15^0 + 22^2 = 12 + 34 + 150 + 150 + 222 \\ 568 &:= 1^2 + 3^4 + 4^0 + 22^2 + 26^0 = 12 + 34 + 40 + 222 + 260 \\ 568 &:= 1^2 + 3^4 + 5^0 + 22^2 + 25^0 = 12 + 34 + 50 + 222 + 250 \\ 568 &:= 1^2 + 3^4 + 6^0 + 22^2 + 24^0 = 12 + 34 + 60 + 222 + 240 \\ 568 &:= 1^2 + 3^4 + 7^0 + 22^2 + 23^0 = 12 + 34 + 70 + 222 + 230 \\ 568 &:= 1^2 + 3^4 + 8^0 + 22^0 + 22^2 = 12 + 34 + 80 + 220 + 222 \\ 568 &:= 1^2 + 3^4 + 9^0 + 21^0 + 22^2 = 12 + 34 + 90 + 210 + 222 \\ 568 &:= 1^2 + 4^1 + 12^2 + 19^1 + 20^2 = 12 + 41 + 122 + 191 + 202 \\ 568 &:= 1^2 + 4^1 + 16^2 + 17^2 + 18^1 = 12 + 41 + 162 + 172 + 181 \\ 568 &:= 1^2 + 4^3 + 11^0 + 18^1 + 22^2 = 12 + 43 + 110 + 181 + 222 \\ 568 &:= 1^2 + 5^0 + 6^3 + 18^2 + 26^1 = 12 + 50 + 63 + 182 + 261 \\ 568 &:= 1^2 + 5^1 + 12^2 + 18^1 + 20^2 = 12 + 51 + 122 + 181 + 202 \\ 568 &:= 1^2 + 5^1 + 16^2 + 17^1 + 17^2 = 12 + 51 + 162 + 171 + 172 \\ 568 &:= 1^2 + 5^2 + 10^2 + 19^0 + 21^2 = 12 + 52 + 102 + 190 + 212 \\ 568 &:= 1^2 + 6^1 + 12^2 + 17^1 + 20^2 = 12 + 61 + 122 + 171 + 202 \\ 568 &:= 1^2 + 6^1 + 16^1 + 16^2 + 17^2 = 12 + 61 + 161 + 162 + 172 \\ 568 &:= 1^2 + 6^2 + 13^2 + 17^0 + 19^2 = 12 + 62 + 132 + 170 + 192 \\ 568 &:= 1^2 + 6^2 + 8^3 + 18^1 + 23^0 = 12 + 62 + 83 + 181 + 230 \\ 568 &:= 1^2 + 7^0 + 7^3 + 14^2 + 27^1 = 12 + 70 + 73 + 142 + 271 \\ 568 &:= 1^2 + 7^1 + 12^2 + 16^1 + 20^2 = 12 + 71 + 122 + 161 + 202 \\ 568 &:= 1^2 + 7^1 + 15^1 + 16^2 + 17^2 = 12 + 71 + 151 + 162 + 172 \\ 568 &:= 1^2 + 8^1 + 12^2 + 15^1 + 20^2 = 12 + 81 + 122 + 151 + 202 \\ 568 &:= 1^2 + 8^1 + 14^1 + 16^2 + 17^2 = 12 + 81 + 141 + 162 + 172 \\ 568 &:= 1^2 + 9^1 + 12^2 + 14^1 + 20^2 = 12 + 91 + 122 + 141 + 202 \\ 568 &:= 1^2 + 9^1 + 13^1 + 16^2 + 17^2 = 12 + 91 + 131 + 162 + 172 \\ 568 &:= 1^2 + 9^2 + 14^2 + 15^0 + 17^2 = 12 + 92 + 142 + 150 + 172 \\ 568 &:= 1^3 + 4^1 + 11^2 + 19^0 + 21^2 = 13 + 41 + 112 + 190 + 212 \end{aligned}$$

$$\begin{aligned}
 568 &:= 1^3 + 4^2 + 7^0 + 21^1 + 23^2 = 13 + 42 + 70 + 211 + 232 & 568 &:= 2^0 + 2^5 + 5^1 + 23^2 + 24^0 = 20 + 25 + 51 + 232 + 240 \\
 568 &:= 1^3 + 5^0 + 15^2 + 17^1 + 18^2 = 13 + 50 + 152 + 171 + 182 & 568 &:= 2^0 + 3^4 + 14^2 + 17^2 + 20^0 = 20 + 34 + 142 + 172 + 200 \\
 568 &:= 1^3 + 5^2 + 12^1 + 15^0 + 23^2 = 13 + 52 + 121 + 150 + 232 & 568 &:= 2^1 + 10^2 + 14^1 + 14^2 + 16^2 = 21 + 102 + 141 + 142 + 162 \\
 568 &:= 1^3 + 7^0 + 8^2 + 18^1 + 22^2 = 13 + 70 + 82 + 181 + 222 & 568 &:= 2^1 + 2^1 + 2^3 + 23^2 + 27^1 = 21 + 21 + 23 + 232 + 271 \\
 568 &:= 1^3 + 9^1 + 13^0 + 14^2 + 19^2 = 13 + 91 + 130 + 142 + 192 & 568 &:= 2^1 + 2^2 + 10^2 + 21^1 + 21^2 = 21 + 22 + 102 + 211 + 212 \\
 568 &:= 1^4 + 2^0 + 6^2 + 23^2 + 24^0 = 14 + 20 + 62 + 232 + 240 & 568 &:= 2^1 + 2^3 + 10^1 + 19^1 + 23^2 = 21 + 23 + 101 + 191 + 232 \\
 568 &:= 1^4 + 2^0 + 9^2 + 22^0 + 22^2 = 14 + 20 + 92 + 220 + 222 & 568 &:= 2^1 + 2^3 + 11^1 + 18^1 + 23^2 = 21 + 23 + 111 + 181 + 232 \\
 568 &:= 1^4 + 3^0 + 6^2 + 23^0 + 23^2 = 14 + 30 + 62 + 230 + 232 & 568 &:= 2^1 + 2^3 + 12^1 + 17^1 + 23^2 = 21 + 23 + 121 + 171 + 232 \\
 568 &:= 1^4 + 3^0 + 9^2 + 21^0 + 22^2 = 14 + 30 + 92 + 210 + 222 & 568 &:= 2^1 + 2^3 + 13^1 + 16^1 + 23^2 = 21 + 23 + 131 + 161 + 232 \\
 568 &:= 1^4 + 4^0 + 6^2 + 22^0 + 23^2 = 14 + 40 + 62 + 220 + 232 & 568 &:= 2^1 + 2^3 + 14^1 + 15^1 + 23^2 = 21 + 23 + 141 + 151 + 232 \\
 568 &:= 1^4 + 4^0 + 9^2 + 20^0 + 22^2 = 14 + 40 + 92 + 200 + 222 & 568 &:= 2^1 + 2^3 + 14^2 + 19^0 + 19^2 = 21 + 23 + 142 + 190 + 192 \\
 568 &:= 1^4 + 5^0 + 6^2 + 21^0 + 23^2 = 14 + 50 + 62 + 210 + 232 & 568 &:= 2^1 + 2^3 + 3^1 + 23^2 + 26^1 = 21 + 23 + 31 + 232 + 261 \\
 568 &:= 1^4 + 5^0 + 9^2 + 19^0 + 22^2 = 14 + 50 + 92 + 190 + 222 & 568 &:= 2^1 + 2^3 + 4^1 + 23^2 + 25^1 = 21 + 23 + 41 + 232 + 251 \\
 568 &:= 1^4 + 6^0 + 6^2 + 20^0 + 23^2 = 14 + 60 + 62 + 200 + 232 & 568 &:= 2^1 + 2^3 + 5^1 + 23^2 + 24^1 = 21 + 23 + 51 + 232 + 241 \\
 568 &:= 1^4 + 6^0 + 9^2 + 18^0 + 22^2 = 14 + 60 + 92 + 180 + 222 & 568 &:= 2^1 + 2^3 + 6^1 + 23^1 + 23^2 = 21 + 23 + 61 + 231 + 232 \\
 568 &:= 1^4 + 6^2 + 10^0 + 16^0 + 23^2 = 14 + 62 + 100 + 160 + 232 & 568 &:= 2^1 + 2^3 + 7^1 + 22^1 + 23^2 = 21 + 23 + 71 + 221 + 232 \\
 568 &:= 1^4 + 6^2 + 11^0 + 15^0 + 23^2 = 14 + 62 + 110 + 150 + 232 & 568 &:= 2^1 + 2^3 + 8^1 + 21^1 + 23^2 = 21 + 23 + 81 + 211 + 232 \\
 568 &:= 1^4 + 6^2 + 12^0 + 14^0 + 23^2 = 14 + 62 + 120 + 140 + 232 & 568 &:= 2^1 + 2^3 + 9^1 + 20^1 + 23^2 = 21 + 23 + 91 + 201 + 232 \\
 568 &:= 1^4 + 6^2 + 13^0 + 13^0 + 23^2 = 14 + 62 + 130 + 130 + 232 & 568 &:= 2^1 + 2^4 + 9^0 + 20^1 + 23^2 = 21 + 24 + 90 + 201 + 232 \\
 568 &:= 1^4 + 6^2 + 7^0 + 19^0 + 23^2 = 14 + 62 + 70 + 190 + 232 & 568 &:= 2^1 + 3^2 + 3^3 + 23^2 + 25^0 = 21 + 32 + 33 + 232 + 250 \\
 568 &:= 1^4 + 6^2 + 8^0 + 18^0 + 23^2 = 14 + 62 + 80 + 180 + 232 & 568 &:= 2^1 + 3^3 + 8^3 + 17^0 + 26^1 = 21 + 33 + 83 + 170 + 261 \\
 568 &:= 1^4 + 6^2 + 9^0 + 17^0 + 23^2 = 14 + 62 + 90 + 170 + 232 & 568 &:= 2^1 + 4^4 + 13^0 + 17^2 + 20^1 = 21 + 44 + 130 + 172 + 201 \\
 568 &:= 1^4 + 7^0 + 9^2 + 17^0 + 22^2 = 14 + 70 + 92 + 170 + 222 & 568 &:= 2^1 + 5^2 + 6^2 + 21^1 + 22^2 = 21 + 52 + 62 + 211 + 222 \\
 568 &:= 1^4 + 8^0 + 9^2 + 16^0 + 22^2 = 14 + 80 + 92 + 160 + 222 & 568 &:= 2^1 + 5^2 + 6^3 + 18^2 + 25^0 = 21 + 52 + 63 + 182 + 250 \\
 568 &:= 1^4 + 9^0 + 9^2 + 15^0 + 22^2 = 14 + 90 + 92 + 150 + 222 & 568 &:= 2^1 + 5^2 + 9^2 + 19^1 + 21^2 = 21 + 52 + 92 + 191 + 212 \\
 568 &:= 1^4 + 9^2 + 10^0 + 14^0 + 22^2 = 14 + 92 + 100 + 140 + 222 & 568 &:= 2^1 + 6^2 + 15^2 + 16^1 + 17^2 = 21 + 62 + 152 + 161 + 172 \\
 568 &:= 1^4 + 9^2 + 11^0 + 13^0 + 22^2 = 14 + 92 + 110 + 130 + 222 & 568 &:= 2^1 + 7^2 + 10^2 + 17^1 + 20^2 = 21 + 72 + 102 + 171 + 202 \\
 568 &:= 1^4 + 9^2 + 12^0 + 12^0 + 22^2 = 14 + 92 + 120 + 120 + 222 & 568 &:= 2^2 + 10^1 + 10^2 + 13^1 + 21^2 = 22 + 101 + 102 + 131 + 212 \\
 568 &:= 1^5 + 1^9 + 6^2 + 23^2 + 24^0 = 15 + 19 + 62 + 232 + 240 & 568 &:= 2^2 + 10^2 + 11^1 + 12^1 + 21^2 = 22 + 102 + 111 + 121 + 212 \\
 568 &:= 1^5 + 1^9 + 9^2 + 22^0 + 22^2 = 15 + 19 + 92 + 220 + 222 & 568 &:= 2^2 + 13^0 + 13^2 + 13^2 + 15^2 = 22 + 130 + 132 + 132 + 152 \\
 568 &:= 1^5 + 2^9 + 3^3 + 22^0 + 27^1 = 15 + 29 + 33 + 220 + 271 & 568 &:= 2^2 + 2^3 + 3^0 + 23^2 + 26^1 = 22 + 23 + 30 + 232 + 261 \\
 568 &:= 1^6 + 1^8 + 6^2 + 23^2 + 24^0 = 16 + 18 + 62 + 232 + 240 & 568 &:= 2^2 + 3^1 + 10^2 + 20^1 + 21^2 = 22 + 31 + 102 + 201 + 212 \\
 568 &:= 1^6 + 1^8 + 9^2 + 22^0 + 22^2 = 16 + 18 + 92 + 220 + 222 & 568 &:= 2^2 + 3^2 + 5^2 + 23^0 + 23^2 = 22 + 32 + 52 + 230 + 232 \\
 568 &:= 1^7 + 1^7 + 6^2 + 23^2 + 24^0 = 17 + 17 + 62 + 232 + 240 & 568 &:= 2^2 + 3^3 + 7^1 + 21^0 + 23^2 = 22 + 33 + 71 + 210 + 232 \\
 568 &:= 1^7 + 1^7 + 9^2 + 22^0 + 22^2 = 17 + 17 + 92 + 220 + 222 & 568 &:= 2^2 + 4^1 + 10^2 + 19^1 + 21^2 = 22 + 41 + 102 + 191 + 212 \\
 568 &:= 1^7 + 2^8 + 14^0 + 17^2 + 21^1 = 17 + 28 + 140 + 172 + 211 & 568 &:= 2^2 + 4^3 + 13^0 + 15^1 + 22^2 = 22 + 43 + 130 + 151 + 222 \\
 568 &:= 1^9 + 2^5 + 8^3 + 22^0 + 22^1 = 19 + 25 + 83 + 220 + 221 & 568 &:= 2^2 + 5^1 + 10^2 + 18^1 + 21^2 = 22 + 51 + 102 + 181 + 212 \\
 568 &:= 1^9 + 2^6 + 12^0 + 18^1 + 22^2 = 19 + 26 + 120 + 181 + 222 & 568 &:= 2^2 + 5^2 + 8^3 + 15^0 + 26^1 = 22 + 52 + 83 + 150 + 261
 \end{aligned}$$

$$\begin{aligned} 568 &:= 2^2 + 6^1 + 10^2 + 17^1 + 21^2 = 22 + 61 + 102 + 171 + 212 \\ 568 &:= 2^2 + 6^2 + 8^3 + 15^1 + 25^0 = 22 + 62 + 83 + 151 + 250 \\ 568 &:= 2^2 + 6^3 + 7^0 + 18^2 + 23^1 = 22 + 63 + 70 + 182 + 231 \\ 568 &:= 2^2 + 7^1 + 10^2 + 16^1 + 21^2 = 22 + 71 + 102 + 161 + 212 \\ 568 &:= 2^2 + 7^2 + 15^0 + 15^2 + 17^2 = 22 + 72 + 150 + 152 + 172 \\ 568 &:= 2^2 + 7^3 + 9^0 + 14^2 + 24^1 = 22 + 73 + 90 + 142 + 241 \\ 568 &:= 2^2 + 8^1 + 10^2 + 15^1 + 21^2 = 22 + 81 + 102 + 151 + 212 \\ 568 &:= 2^2 + 9^1 + 10^2 + 14^1 + 21^2 = 22 + 91 + 102 + 141 + 212 \\ 568 &:= 2^2 + 9^2 + 11^2 + 15^0 + 19^2 = 22 + 92 + 112 + 150 + 192 \\ 568 &:= 2^3 + 10^1 + 10^1 + 11^1 + 23^2 = 23 + 101 + 101 + 111 + 232 \\ 568 &:= 2^3 + 10^1 + 11^0 + 15^2 + 18^2 = 23 + 101 + 110 + 152 + 182 \\ 568 &:= 2^3 + 3^1 + 10^1 + 18^1 + 23^2 = 23 + 31 + 101 + 181 + 232 \\ 568 &:= 2^3 + 3^1 + 11^1 + 17^1 + 23^2 = 23 + 31 + 111 + 171 + 232 \\ 568 &:= 2^3 + 3^1 + 12^1 + 16^1 + 23^2 = 23 + 31 + 121 + 161 + 232 \\ 568 &:= 2^3 + 3^1 + 13^1 + 15^1 + 23^2 = 23 + 31 + 131 + 151 + 232 \\ 568 &:= 2^3 + 3^1 + 14^1 + 14^1 + 23^2 = 23 + 31 + 141 + 141 + 232 \\ 568 &:= 2^3 + 3^1 + 3^1 + 23^2 + 25^1 = 23 + 31 + 31 + 232 + 251 \\ 568 &:= 2^3 + 3^1 + 4^1 + 23^2 + 24^1 = 23 + 31 + 41 + 232 + 241 \\ 568 &:= 2^3 + 3^1 + 5^1 + 23^1 + 23^2 = 23 + 31 + 51 + 231 + 232 \\ 568 &:= 2^3 + 3^1 + 6^1 + 22^1 + 23^2 = 23 + 31 + 61 + 221 + 232 \\ 568 &:= 2^3 + 3^1 + 7^1 + 21^1 + 23^2 = 23 + 31 + 71 + 211 + 232 \\ 568 &:= 2^3 + 3^1 + 8^1 + 20^1 + 23^2 = 23 + 31 + 81 + 201 + 232 \\ 568 &:= 2^3 + 3^1 + 9^1 + 19^1 + 23^2 = 23 + 31 + 91 + 191 + 232 \\ 568 &:= 2^3 + 3^2 + 7^0 + 21^1 + 23^2 = 23 + 32 + 70 + 211 + 232 \\ 568 &:= 2^3 + 4^1 + 10^1 + 17^1 + 23^2 = 23 + 41 + 101 + 171 + 232 \\ 568 &:= 2^3 + 4^1 + 11^1 + 16^1 + 23^2 = 23 + 41 + 111 + 161 + 232 \\ 568 &:= 2^3 + 4^1 + 12^1 + 15^1 + 23^2 = 23 + 41 + 121 + 151 + 232 \\ 568 &:= 2^3 + 4^1 + 13^1 + 14^1 + 23^2 = 23 + 41 + 131 + 141 + 232 \\ 568 &:= 2^3 + 4^1 + 4^1 + 23^1 + 23^2 = 23 + 41 + 41 + 231 + 232 \\ 568 &:= 2^3 + 4^1 + 5^1 + 22^1 + 23^2 = 23 + 41 + 51 + 221 + 232 \\ 568 &:= 2^3 + 4^1 + 6^1 + 21^1 + 23^2 = 23 + 41 + 61 + 211 + 232 \\ 568 &:= 2^3 + 4^1 + 7^1 + 20^1 + 23^2 = 23 + 41 + 71 + 201 + 232 \\ 568 &:= 2^3 + 4^1 + 8^1 + 19^1 + 23^2 = 23 + 41 + 81 + 191 + 232 \\ 568 &:= 2^3 + 4^1 + 9^1 + 18^1 + 23^2 = 23 + 41 + 91 + 181 + 232 \\ 568 &:= 2^3 + 4^2 + 13^0 + 14^1 + 23^2 = 23 + 42 + 130 + 141 + 232 \\ 568 &:= 2^3 + 5^0 + 10^2 + 18^1 + 21^2 = 23 + 50 + 102 + 181 + 212 \\ 568 &:= 2^3 + 5^1 + 10^1 + 16^1 + 23^2 = 23 + 51 + 101 + 161 + 232 \\ 568 &:= 2^3 + 5^1 + 11^1 + 15^1 + 23^2 = 23 + 51 + 111 + 151 + 232 \end{aligned}$$

$$\begin{aligned} 568 &:= 2^3 + 5^1 + 12^1 + 14^1 + 23^2 = 23 + 51 + 121 + 141 + 232 \\ 568 &:= 2^3 + 5^1 + 13^1 + 13^1 + 23^2 = 23 + 51 + 131 + 131 + 232 \\ 568 &:= 2^3 + 5^1 + 5^1 + 21^1 + 23^2 = 23 + 51 + 51 + 211 + 232 \\ 568 &:= 2^3 + 5^1 + 5^2 + 21^0 + 23^2 = 23 + 51 + 52 + 210 + 232 \\ 568 &:= 2^3 + 5^1 + 6^1 + 20^1 + 23^2 = 23 + 51 + 61 + 201 + 232 \\ 568 &:= 2^3 + 5^1 + 7^1 + 19^1 + 23^2 = 23 + 51 + 71 + 191 + 232 \\ 568 &:= 2^3 + 5^1 + 8^1 + 18^1 + 23^2 = 23 + 51 + 81 + 181 + 232 \\ 568 &:= 2^3 + 5^1 + 9^1 + 17^1 + 23^2 = 23 + 51 + 91 + 171 + 232 \\ 568 &:= 2^3 + 6^1 + 10^1 + 15^1 + 23^2 = 23 + 61 + 101 + 151 + 232 \\ 568 &:= 2^3 + 6^1 + 11^1 + 14^1 + 23^2 = 23 + 61 + 111 + 141 + 232 \\ 568 &:= 2^3 + 6^1 + 12^1 + 13^1 + 23^2 = 23 + 61 + 121 + 131 + 232 \\ 568 &:= 2^3 + 6^1 + 6^1 + 19^1 + 23^2 = 23 + 61 + 61 + 191 + 232 \\ 568 &:= 2^3 + 6^1 + 7^1 + 18^1 + 23^2 = 23 + 61 + 71 + 181 + 232 \\ 568 &:= 2^3 + 6^1 + 8^1 + 17^1 + 23^2 = 23 + 61 + 81 + 171 + 232 \\ 568 &:= 2^3 + 6^1 + 9^1 + 16^1 + 23^2 = 23 + 61 + 91 + 161 + 232 \\ 568 &:= 2^3 + 7^0 + 12^2 + 15^1 + 20^2 = 23 + 70 + 122 + 151 + 202 \\ 568 &:= 2^3 + 7^0 + 14^1 + 16^2 + 17^2 = 23 + 70 + 141 + 162 + 172 \\ 568 &:= 2^3 + 7^1 + 10^1 + 14^1 + 23^2 = 23 + 71 + 101 + 141 + 232 \\ 568 &:= 2^3 + 7^1 + 11^1 + 13^1 + 23^2 = 23 + 71 + 111 + 131 + 232 \\ 568 &:= 2^3 + 7^1 + 12^1 + 12^1 + 23^2 = 23 + 71 + 121 + 121 + 232 \\ 568 &:= 2^3 + 7^1 + 7^1 + 17^1 + 23^2 = 23 + 71 + 71 + 171 + 232 \\ 568 &:= 2^3 + 7^1 + 8^1 + 16^1 + 23^2 = 23 + 71 + 81 + 161 + 232 \\ 568 &:= 2^3 + 7^1 + 9^1 + 15^1 + 23^2 = 23 + 71 + 91 + 151 + 232 \\ 568 &:= 2^3 + 8^1 + 10^1 + 13^1 + 23^2 = 23 + 81 + 101 + 131 + 232 \\ 568 &:= 2^3 + 8^1 + 11^1 + 12^1 + 23^2 = 23 + 81 + 111 + 121 + 232 \\ 568 &:= 2^3 + 8^1 + 8^1 + 15^1 + 23^2 = 23 + 81 + 81 + 151 + 232 \\ 568 &:= 2^3 + 8^1 + 9^1 + 14^1 + 23^2 = 23 + 81 + 91 + 141 + 232 \\ 568 &:= 2^3 + 8^2 + 11^1 + 13^0 + 22^2 = 23 + 82 + 111 + 130 + 222 \\ 568 &:= 2^3 + 9^1 + 10^1 + 12^1 + 23^2 = 23 + 91 + 101 + 121 + 232 \\ 568 &:= 2^3 + 9^1 + 11^1 + 11^1 + 23^2 = 23 + 91 + 111 + 111 + 232 \\ 568 &:= 2^3 + 9^1 + 9^1 + 13^1 + 23^2 = 23 + 91 + 91 + 131 + 232 \\ 568 &:= 2^4 + 2^4 + 2^9 + 23^1 + 26^0 = 24 + 24 + 29 + 231 + 260 \\ 568 &:= 2^4 + 3^1 + 9^0 + 19^1 + 23^2 = 24 + 31 + 90 + 191 + 232 \\ 568 &:= 2^4 + 4^1 + 9^0 + 18^1 + 23^2 = 24 + 41 + 90 + 181 + 232 \\ 568 &:= 2^4 + 5^1 + 9^0 + 17^1 + 23^2 = 24 + 51 + 90 + 171 + 232 \\ 568 &:= 2^4 + 6^1 + 9^0 + 16^1 + 23^2 = 24 + 61 + 90 + 161 + 232 \\ 568 &:= 2^4 + 7^1 + 9^0 + 15^1 + 23^2 = 24 + 71 + 90 + 151 + 232 \\ 568 &:= 2^4 + 8^1 + 9^0 + 14^1 + 23^2 = 24 + 81 + 90 + 141 + 232 \end{aligned}$$

$$\begin{aligned} 568 &:= 2^4 + 9^0 + 10^1 + 12^1 + 23^2 = 24 + 90 + 101 + 121 + 232 \\ 568 &:= 2^4 + 9^0 + 11^1 + 11^1 + 23^2 = 24 + 90 + 111 + 111 + 232 \\ 568 &:= 2^4 + 9^0 + 9^1 + 13^1 + 23^2 = 24 + 90 + 91 + 131 + 232 \\ 568 &:= 2^5 + 2^8 + 4^4 + 23^1 + 24^0 = 25 + 28 + 44 + 231 + 240 \\ 568 &:= 2^5 + 3^0 + 5^1 + 23^0 + 23^2 = 25 + 30 + 51 + 230 + 232 \\ 568 &:= 2^5 + 4^0 + 5^1 + 22^0 + 23^2 = 25 + 40 + 51 + 220 + 232 \\ 568 &:= 2^5 + 5^0 + 5^1 + 21^0 + 23^2 = 25 + 50 + 51 + 210 + 232 \\ 568 &:= 2^5 + 5^1 + 10^0 + 16^0 + 23^2 = 25 + 51 + 100 + 160 + 232 \\ 568 &:= 2^5 + 5^1 + 11^0 + 15^0 + 23^2 = 25 + 51 + 110 + 150 + 232 \\ 568 &:= 2^5 + 5^1 + 12^0 + 14^0 + 23^2 = 25 + 51 + 120 + 140 + 232 \\ 568 &:= 2^5 + 5^1 + 13^0 + 13^0 + 23^2 = 25 + 51 + 130 + 130 + 232 \\ 568 &:= 2^5 + 5^1 + 6^0 + 20^0 + 23^2 = 25 + 51 + 60 + 200 + 232 \\ 568 &:= 2^5 + 5^1 + 7^0 + 19^0 + 23^2 = 25 + 51 + 70 + 190 + 232 \\ 568 &:= 2^5 + 5^1 + 8^0 + 18^0 + 23^2 = 25 + 51 + 80 + 180 + 232 \\ 568 &:= 2^5 + 5^1 + 9^0 + 17^0 + 23^2 = 25 + 51 + 90 + 170 + 232 \\ 568 &:= 2^7 + 2^8 + 13^2 + 14^1 + 24^0 = 27 + 28 + 132 + 141 + 240 \\ 568 &:= 3^0 + 3^3 + 11^2 + 19^1 + 20^2 = 30 + 33 + 112 + 191 + 202 \\ 568 &:= 3^0 + 3^4 + 14^2 + 17^2 + 19^0 = 30 + 34 + 142 + 172 + 190 \\ 568 &:= 3^0 + 4^3 + 14^2 + 17^2 + 18^1 = 30 + 43 + 142 + 172 + 181 \\ 568 &:= 3^0 + 5^3 + 6^3 + 15^2 + 27^0 = 30 + 53 + 63 + 152 + 270 \\ 568 &:= 3^1 + 10^2 + 13^1 + 14^2 + 16^2 = 31 + 102 + 131 + 142 + 162 \\ 568 &:= 3^1 + 3^3 + 8^3 + 17^0 + 25^1 = 31 + 33 + 83 + 170 + 251 \\ 568 &:= 3^1 + 4^2 + 4^3 + 22^2 + 23^0 = 31 + 42 + 43 + 222 + 230 \\ 568 &:= 3^1 + 4^3 + 10^2 + 19^0 + 20^2 = 31 + 43 + 102 + 190 + 202 \\ 568 &:= 3^1 + 4^4 + 13^0 + 17^2 + 19^1 = 31 + 44 + 130 + 172 + 191 \\ 568 &:= 3^1 + 5^2 + 6^2 + 20^1 + 22^2 = 31 + 52 + 62 + 201 + 222 \\ 568 &:= 3^1 + 5^2 + 7^3 + 14^2 + 27^0 = 31 + 52 + 73 + 142 + 270 \\ 568 &:= 3^1 + 5^2 + 9^2 + 18^1 + 21^2 = 31 + 52 + 92 + 181 + 212 \\ 568 &:= 3^1 + 6^2 + 15^1 + 15^2 + 17^2 = 31 + 62 + 151 + 152 + 172 \\ 568 &:= 3^1 + 7^2 + 10^2 + 16^1 + 20^2 = 31 + 72 + 102 + 161 + 202 \\ 568 &:= 3^1 + 7^3 + 10^2 + 11^2 + 25^0 = 31 + 73 + 102 + 112 + 250 \\ 568 &:= 3^2 + 10^2 + 13^0 + 13^2 + 17^2 = 32 + 102 + 130 + 132 + 172 \\ 568 &:= 3^2 + 3^2 + 15^2 + 17^0 + 18^2 = 32 + 32 + 152 + 170 + 182 \\ 568 &:= 3^2 + 4^3 + 10^1 + 17^0 + 22^2 = 32 + 43 + 101 + 170 + 222 \\ 568 &:= 3^2 + 5^2 + 7^2 + 19^0 + 22^2 = 32 + 52 + 72 + 190 + 222 \\ 568 &:= 3^2 + 5^2 + 8^3 + 19^0 + 21^1 = 32 + 52 + 83 + 190 + 211 \\ 568 &:= 3^2 + 6^2 + 9^2 + 17^0 + 21^2 = 32 + 62 + 92 + 170 + 212 \\ 568 &:= 3^2 + 6^3 + 11^0 + 18^1 + 18^2 = 32 + 63 + 110 + 181 + 182 \\ 568 &:= 3^2 + 7^3 + 13^0 + 14^2 + 19^1 = 32 + 73 + 130 + 142 + 191 \\ 568 &:= 3^3 + 10^1 + 11^0 + 13^2 + 19^2 = 33 + 101 + 110 + 132 + 192 \\ 568 &:= 3^3 + 4^1 + 8^3 + 17^0 + 24^1 = 33 + 41 + 83 + 170 + 241 \\ 568 &:= 3^3 + 5^0 + 6^2 + 20^1 + 22^2 = 33 + 50 + 62 + 201 + 222 \\ 568 &:= 3^3 + 5^0 + 7^3 + 14^2 + 27^0 = 33 + 50 + 73 + 142 + 270 \\ 568 &:= 3^3 + 5^0 + 9^2 + 18^1 + 21^2 = 33 + 50 + 92 + 181 + 212 \\ 568 &:= 3^3 + 5^1 + 8^3 + 17^0 + 23^1 = 33 + 51 + 83 + 170 + 231 \\ 568 &:= 3^3 + 6^0 + 7^3 + 14^2 + 26^0 = 33 + 60 + 73 + 142 + 260 \\ 568 &:= 3^3 + 6^1 + 8^3 + 17^0 + 22^1 = 33 + 61 + 83 + 170 + 221 \\ 568 &:= 3^3 + 7^0 + 7^3 + 14^2 + 25^0 = 33 + 70 + 73 + 142 + 250 \\ 568 &:= 3^3 + 7^1 + 7^2 + 17^0 + 22^2 = 33 + 71 + 72 + 170 + 222 \\ 568 &:= 3^3 + 7^1 + 8^3 + 17^0 + 21^1 = 33 + 71 + 83 + 170 + 211 \\ 568 &:= 3^3 + 7^3 + 10^0 + 14^2 + 22^0 = 33 + 73 + 100 + 142 + 220 \\ 568 &:= 3^3 + 7^3 + 11^0 + 14^2 + 21^0 = 33 + 73 + 110 + 142 + 210 \\ 568 &:= 3^3 + 7^3 + 12^0 + 14^2 + 20^0 = 33 + 73 + 120 + 142 + 200 \\ 568 &:= 3^3 + 7^3 + 13^0 + 14^2 + 19^0 = 33 + 73 + 130 + 142 + 190 \\ 568 &:= 3^3 + 7^3 + 14^0 + 14^2 + 18^0 = 33 + 73 + 140 + 142 + 180 \\ 568 &:= 3^3 + 7^3 + 14^2 + 15^0 + 17^0 = 33 + 73 + 142 + 150 + 170 \\ 568 &:= 3^3 + 7^3 + 14^2 + 16^0 + 16^0 = 33 + 73 + 142 + 160 + 160 \\ 568 &:= 3^3 + 7^3 + 8^0 + 14^2 + 24^0 = 33 + 73 + 80 + 142 + 240 \\ 568 &:= 3^3 + 7^3 + 9^0 + 14^2 + 23^0 = 33 + 73 + 90 + 142 + 230 \\ 568 &:= 3^3 + 8^1 + 8^3 + 17^0 + 20^1 = 33 + 81 + 83 + 170 + 201 \\ 568 &:= 3^3 + 8^3 + 10^1 + 17^0 + 18^1 = 33 + 83 + 101 + 170 + 181 \\ 568 &:= 3^3 + 8^3 + 11^1 + 17^0 + 17^1 = 33 + 83 + 111 + 170 + 171 \\ 568 &:= 3^3 + 8^3 + 12^1 + 16^1 + 17^0 = 33 + 83 + 121 + 161 + 170 \\ 568 &:= 3^3 + 8^3 + 13^1 + 15^1 + 17^0 = 33 + 83 + 131 + 151 + 170 \\ 568 &:= 3^3 + 8^3 + 14^1 + 14^1 + 17^0 = 33 + 83 + 141 + 141 + 170 \\ 568 &:= 3^3 + 8^3 + 9^1 + 17^0 + 19^1 = 33 + 83 + 91 + 170 + 191 \\ 568 &:= 3^4 + 10^0 + 12^0 + 14^2 + 17^2 = 34 + 100 + 120 + 142 + 172 \\ 568 &:= 3^4 + 11^0 + 11^0 + 14^2 + 17^2 = 34 + 110 + 110 + 142 + 172 \\ 568 &:= 3^4 + 4^0 + 14^2 + 17^2 + 18^0 = 34 + 40 + 142 + 172 + 180 \\ 568 &:= 3^4 + 5^0 + 14^2 + 17^0 + 17^2 = 34 + 50 + 142 + 170 + 172 \\ 568 &:= 3^4 + 6^0 + 14^2 + 16^0 + 17^2 = 34 + 60 + 142 + 160 + 172 \\ 568 &:= 3^4 + 7^0 + 14^2 + 15^0 + 17^2 = 34 + 70 + 142 + 150 + 172 \\ 568 &:= 3^4 + 8^0 + 14^0 + 14^2 + 17^2 = 34 + 80 + 140 + 142 + 172 \\ 568 &:= 3^4 + 9^0 + 13^0 + 14^2 + 17^2 = 34 + 90 + 130 + 142 + 172 \\ 568 &:= 4^0 + 5^3 + 6^3 + 15^2 + 26^0 = 40 + 53 + 63 + 152 + 260 \\ 568 &:= 4^1 + 10^2 + 12^1 + 14^2 + 16^2 = 41 + 102 + 121 + 142 + 162 \end{aligned}$$

$$\begin{aligned} 568 &:= 4^1 + 4^4 + 13^0 + 17^2 + 18^1 = 41 + 44 + 130 + 172 + 181 \\ 568 &:= 4^1 + 5^2 + 6^2 + 19^1 + 22^2 = 41 + 52 + 62 + 191 + 222 \\ 568 &:= 4^1 + 5^2 + 9^2 + 17^1 + 21^2 = 41 + 52 + 92 + 171 + 212 \\ 568 &:= 4^1 + 6^2 + 14^1 + 15^2 + 17^2 = 41 + 62 + 141 + 152 + 172 \\ 568 &:= 4^1 + 7^2 + 10^2 + 15^1 + 20^2 = 41 + 72 + 102 + 151 + 202 \\ 568 &:= 4^2 + 4^2 + 8^3 + 17^0 + 23^1 = 42 + 42 + 83 + 170 + 231 \\ 568 &:= 4^2 + 5^2 + 8^3 + 14^1 + 25^0 = 42 + 52 + 83 + 141 + 250 \\ 568 &:= 4^2 + 6^3 + 11^1 + 17^0 + 18^2 = 42 + 63 + 111 + 170 + 182 \\ 568 &:= 4^2 + 7^3 + 12^1 + 14^2 + 19^0 = 42 + 73 + 121 + 142 + 190 \\ 568 &:= 4^3 + 10^1 + 11^0 + 13^2 + 18^2 = 43 + 101 + 110 + 132 + 182 \\ 568 &:= 4^3 + 7^2 + 11^0 + 13^1 + 21^2 = 43 + 72 + 110 + 131 + 212 \\ 568 &:= 4^4 + 10^1 + 12^1 + 13^0 + 17^2 = 44 + 101 + 121 + 130 + 172 \\ 568 &:= 4^4 + 11^1 + 11^1 + 13^0 + 17^2 = 44 + 111 + 111 + 130 + 172 \\ 568 &:= 4^4 + 5^1 + 13^0 + 17^1 + 17^2 = 44 + 51 + 130 + 171 + 172 \\ 568 &:= 4^4 + 6^1 + 13^0 + 16^1 + 17^2 = 44 + 61 + 130 + 161 + 172 \\ 568 &:= 4^4 + 7^1 + 13^0 + 15^1 + 17^2 = 44 + 71 + 130 + 151 + 172 \\ 568 &:= 4^4 + 8^1 + 13^0 + 14^1 + 17^2 = 44 + 81 + 130 + 141 + 172 \\ 568 &:= 4^4 + 9^1 + 13^0 + 13^1 + 17^2 = 44 + 91 + 130 + 131 + 172 \\ 568 &:= 5^0 + 5^3 + 10^2 + 18^1 + 18^2 = 50 + 53 + 102 + 181 + 182 \\ 568 &:= 5^0 + 5^3 + 13^2 + 16^2 + 17^1 = 50 + 53 + 132 + 162 + 171 \\ 568 &:= 5^0 + 5^3 + 6^3 + 15^2 + 25^0 = 50 + 53 + 63 + 152 + 250 \\ 568 &:= 5^0 + 7^3 + 10^2 + 10^2 + 24^1 = 50 + 73 + 102 + 102 + 241 \\ 568 &:= 5^1 + 10^2 + 11^1 + 14^2 + 16^2 = 51 + 102 + 111 + 142 + 162 \\ 568 &:= 5^1 + 5^2 + 6^2 + 18^1 + 22^2 = 51 + 52 + 62 + 181 + 222 \\ 568 &:= 5^1 + 5^2 + 9^2 + 16^1 + 21^2 = 51 + 52 + 92 + 161 + 212 \\ 568 &:= 5^1 + 6^2 + 13^1 + 15^2 + 17^2 = 51 + 62 + 131 + 152 + 172 \\ 568 &:= 5^1 + 6^3 + 11^2 + 15^2 + 19^0 = 51 + 63 + 112 + 152 + 190 \\ 568 &:= 5^1 + 7^2 + 10^2 + 14^1 + 20^2 = 51 + 72 + 102 + 141 + 202 \\ 568 &:= 5^2 + 11^0 + 11^2 + 14^2 + 15^2 = 52 + 110 + 112 + 142 + 152 \\ 568 &:= 5^2 + 5^3 + 9^0 + 17^1 + 20^2 = 52 + 53 + 90 + 171 + 202 \\ 568 &:= 5^2 + 6^1 + 6^2 + 17^1 + 22^2 = 52 + 61 + 62 + 171 + 222 \\ 568 &:= 5^2 + 6^1 + 9^2 + 15^1 + 21^2 = 52 + 61 + 92 + 151 + 212 \\ 568 &:= 5^2 + 6^2 + 10^1 + 13^1 + 22^2 = 52 + 62 + 101 + 131 + 222 \\ 568 &:= 5^2 + 6^2 + 11^1 + 12^1 + 22^2 = 52 + 62 + 111 + 121 + 222 \\ 568 &:= 5^2 + 6^2 + 7^1 + 16^1 + 22^2 = 52 + 62 + 71 + 161 + 222 \\ 568 &:= 5^2 + 6^2 + 8^1 + 15^1 + 22^2 = 52 + 62 + 81 + 151 + 222 \\ 568 &:= 5^2 + 6^2 + 9^1 + 14^1 + 22^2 = 52 + 62 + 91 + 141 + 222 \\ 568 &:= 5^2 + 7^1 + 9^2 + 14^1 + 21^2 = 52 + 71 + 92 + 141 + 212 \end{aligned}$$

$$\begin{aligned} 568 &:= 5^2 + 7^2 + 13^0 + 13^2 + 18^2 = 52 + 72 + 130 + 132 + 182 \\ 568 &:= 5^2 + 8^1 + 9^2 + 13^1 + 21^2 = 52 + 81 + 92 + 131 + 212 \\ 568 &:= 5^2 + 9^1 + 9^2 + 12^1 + 21^2 = 52 + 91 + 92 + 121 + 212 \\ 568 &:= 5^2 + 9^2 + 10^1 + 11^1 + 21^2 = 52 + 92 + 101 + 111 + 212 \\ 568 &:= 5^2 + 9^2 + 10^2 + 13^0 + 19^2 = 52 + 92 + 102 + 130 + 192 \\ 568 &:= 5^3 + 6^0 + 6^3 + 15^2 + 24^0 = 53 + 60 + 63 + 152 + 240 \\ 568 &:= 5^3 + 6^1 + 6^2 + 19^0 + 20^2 = 53 + 61 + 62 + 190 + 202 \\ 568 &:= 5^3 + 6^3 + 10^0 + 15^2 + 20^0 = 53 + 63 + 100 + 152 + 200 \\ 568 &:= 5^3 + 6^3 + 11^0 + 15^2 + 19^0 = 53 + 63 + 110 + 152 + 190 \\ 568 &:= 5^3 + 6^3 + 12^0 + 15^2 + 18^0 = 53 + 63 + 120 + 152 + 180 \\ 568 &:= 5^3 + 6^3 + 13^0 + 15^2 + 17^0 = 53 + 63 + 130 + 152 + 170 \\ 568 &:= 5^3 + 6^3 + 14^0 + 15^2 + 16^0 = 53 + 63 + 140 + 152 + 160 \\ 568 &:= 5^3 + 6^3 + 15^0 + 15^0 + 15^2 = 53 + 63 + 150 + 150 + 152 \\ 568 &:= 5^3 + 6^3 + 7^0 + 15^2 + 23^0 = 53 + 63 + 70 + 152 + 230 \\ 568 &:= 5^3 + 6^3 + 8^0 + 15^2 + 22^0 = 53 + 63 + 80 + 152 + 220 \\ 568 &:= 5^3 + 6^3 + 9^0 + 15^2 + 21^0 = 53 + 63 + 90 + 152 + 210 \\ 568 &:= 5^3 + 7^0 + 8^2 + 17^1 + 19^2 = 53 + 70 + 82 + 171 + 192 \\ 568 &:= 5^3 + 9^1 + 12^2 + 13^0 + 17^2 = 53 + 91 + 122 + 130 + 172 \\ 568 &:= 6^1 + 10^1 + 10^2 + 14^2 + 16^2 = 61 + 101 + 102 + 142 + 162 \\ 568 &:= 6^1 + 6^2 + 12^1 + 15^2 + 17^2 = 61 + 62 + 121 + 152 + 172 \\ 568 &:= 6^1 + 7^2 + 10^2 + 13^1 + 20^2 = 61 + 72 + 102 + 131 + 202 \\ 568 &:= 6^1 + 7^2 + 7^3 + 13^2 + 23^0 = 61 + 72 + 73 + 132 + 230 \\ 568 &:= 6^2 + 11^0 + 11^2 + 11^2 + 17^2 = 62 + 110 + 112 + 112 + 172 \\ 568 &:= 6^2 + 7^1 + 11^1 + 15^2 + 17^2 = 62 + 71 + 111 + 152 + 172 \\ 568 &:= 6^2 + 7^2 + 11^2 + 13^0 + 19^2 = 62 + 72 + 112 + 130 + 192 \\ 568 &:= 6^2 + 7^3 + 11^0 + 13^2 + 19^1 = 62 + 73 + 110 + 132 + 191 \\ 568 &:= 6^2 + 8^1 + 10^1 + 15^2 + 17^2 = 62 + 81 + 101 + 152 + 172 \\ 568 &:= 6^2 + 9^1 + 9^1 + 15^2 + 17^2 = 62 + 91 + 91 + 152 + 172 \\ 568 &:= 6^2 + 9^2 + 11^0 + 15^2 + 15^2 = 62 + 92 + 110 + 152 + 152 \\ 568 &:= 6^3 + 11^0 + 13^1 + 13^2 + 13^2 = 63 + 110 + 131 + 132 + 132 \\ 568 &:= 6^3 + 11^1 + 12^2 + 13^0 + 14^2 = 63 + 111 + 122 + 130 + 142 \\ 568 &:= 6^3 + 7^2 + 13^0 + 13^1 + 17^2 = 63 + 72 + 130 + 131 + 172 \\ 568 &:= 6^3 + 9^2 + 11^0 + 14^1 + 16^2 = 63 + 92 + 110 + 141 + 162 \\ 568 &:= 7^0 + 7^3 + 9^2 + 11^2 + 22^1 = 70 + 73 + 92 + 112 + 221 \\ 568 &:= 7^1 + 7^2 + 10^2 + 12^1 + 20^2 = 71 + 72 + 102 + 121 + 202 \\ 568 &:= 7^1 + 9^1 + 10^2 + 14^2 + 16^2 = 71 + 91 + 102 + 142 + 162 \\ 568 &:= 7^2 + 8^1 + 10^2 + 11^1 + 20^2 = 72 + 81 + 102 + 111 + 202 \\ 568 &:= 7^2 + 9^1 + 10^1 + 10^2 + 20^2 = 72 + 91 + 101 + 102 + 202 \end{aligned}$$

$$568 := 7^3 + 8^2 + 12^2 + 13^0 + 16^1 = 73 + 82 + 122 + 130 + 161$$

$$568 := 8^1 + 8^1 + 10^2 + 14^2 + 16^2 = 81 + 81 + 102 + 142 + 162$$

$$568 := 9^0 + 10^2 + 11^2 + 11^2 + 15^2 = 90 + 102 + 112 + 112 + 152$$

$$568 := 9^0 + 9^2 + 11^2 + 13^2 + 14^2 = 90 + 92 + 112 + 132 + 142$$

$$568 := 9^2 + 9^2 + 9^2 + 11^0 + 18^2 = 92 + 92 + 92 + 110 + 182$$

2.2.470 Number 569

$$569 := 1^2 + 3^5 + 18^2 + 34^0 = 12 + 35 + 182 + 340$$

$$569 := 2^5 + 8^3 + 22^0 + 24^1 = 25 + 83 + 220 + 241$$

$$569 := 2^6 + 12^0 + 20^1 + 22^2 = 26 + 120 + 201 + 222$$

$$569 := 2^8 + 2^8 + 3^2 + 48^1 = 28 + 28 + 32 + 481$$

$$569 := 3^4 + 7^3 + 12^2 + 34^0 = 34 + 73 + 122 + 340$$

$$569 := 3^5 + 10^2 + 15^2 + 28^0 = 35 + 102 + 152 + 280$$

$$569 := 3^5 + 6^2 + 17^2 + 30^0 = 35 + 62 + 172 + 300$$

$$569 := 1^0 + 2^5 + 8^3 + 22^0 + 23^1 = 10 + 25 + 83 + 220 + 231$$

$$569 := 1^0 + 2^6 + 12^0 + 19^1 + 22^2 = 10 + 26 + 120 + 191 + 222$$

$$569 := 1^1 + 2^5 + 6^1 + 23^2 + 24^0 = 11 + 25 + 61 + 232 + 240$$

$$569 := 1^2 + 2^4 + 8^0 + 22^1 + 23^2 = 12 + 24 + 80 + 221 + 232$$

$$569 := 1^2 + 4^4 + 12^0 + 17^2 + 22^1 = 12 + 44 + 120 + 172 + 221$$

$$569 := 1^2 + 5^3 + 9^2 + 19^2 + 22^0 = 12 + 53 + 92 + 192 + 220$$

$$569 := 1^3 + 3^3 + 11^1 + 18^0 + 23^2 = 13 + 33 + 111 + 180 + 232$$

$$569 := 1^3 + 4^0 + 6^3 + 18^2 + 27^1 = 13 + 40 + 63 + 182 + 271$$

$$569 := 1^3 + 4^3 + 10^0 + 19^1 + 22^2 = 13 + 43 + 100 + 191 + 222$$

$$569 := 1^3 + 6^2 + 8^3 + 19^1 + 22^0 = 13 + 62 + 83 + 191 + 220$$

$$569 := 1^4 + 10^1 + 12^0 + 14^2 + 19^2 = 14 + 101 + 120 + 142 + 192$$

$$569 := 1^4 + 2^0 + 5^3 + 21^2 + 27^0 = 14 + 20 + 53 + 212 + 270$$

$$569 := 1^4 + 2^1 + 6^2 + 23^2 + 24^0 = 14 + 21 + 62 + 232 + 240$$

$$569 := 1^4 + 2^1 + 9^2 + 22^0 + 22^2 = 14 + 21 + 92 + 220 + 222$$

$$569 := 1^4 + 2^5 + 2^9 + 23^1 + 27^0 = 14 + 25 + 29 + 231 + 270$$

$$569 := 1^4 + 3^0 + 5^3 + 21^2 + 26^0 = 14 + 30 + 53 + 212 + 260$$

$$569 := 1^4 + 4^0 + 15^2 + 18^1 + 18^2 = 14 + 40 + 152 + 181 + 182$$

$$569 := 1^4 + 4^0 + 5^3 + 21^2 + 25^0 = 14 + 40 + 53 + 212 + 250$$

$$569 := 1^4 + 4^2 + 6^0 + 22^1 + 23^2 = 14 + 42 + 60 + 221 + 232$$

$$569 := 1^4 + 5^0 + 5^3 + 21^2 + 24^0 = 14 + 50 + 53 + 212 + 240$$

$$569 := 1^4 + 5^1 + 11^2 + 18^0 + 21^2 = 14 + 51 + 112 + 180 + 212$$

$$569 := 1^4 + 5^2 + 13^1 + 14^0 + 23^2 = 14 + 52 + 131 + 140 + 232$$

$$569 := 1^4 + 5^3 + 10^0 + 19^0 + 21^2 = 14 + 53 + 100 + 190 + 212$$

$$569 := 1^4 + 5^3 + 11^0 + 18^0 + 21^2 = 14 + 53 + 110 + 180 + 212$$

$$569 := 1^4 + 5^3 + 12^0 + 17^0 + 21^2 = 14 + 53 + 120 + 170 + 212$$

$$569 := 1^4 + 5^3 + 13^0 + 16^0 + 21^2 = 14 + 53 + 130 + 160 + 212$$

$$569 := 1^4 + 5^3 + 14^0 + 15^0 + 21^2 = 14 + 53 + 140 + 150 + 212$$

$$569 := 1^4 + 5^3 + 6^0 + 21^2 + 23^0 = 14 + 53 + 60 + 212 + 230$$

$$569 := 1^4 + 5^3 + 7^0 + 21^2 + 22^0 = 14 + 53 + 70 + 212 + 220$$

$$569 := 1^4 + 5^3 + 8^0 + 21^0 + 21^2 = 14 + 53 + 80 + 210 + 212$$

$$569 := 1^4 + 5^3 + 9^0 + 20^0 + 21^2 = 14 + 53 + 90 + 200 + 212$$

$$569 := 1^4 + 6^0 + 8^2 + 19^1 + 22^2 = 14 + 60 + 82 + 191 + 222$$

$$569 := 1^5 + 1^9 + 5^3 + 21^2 + 27^0 = 15 + 19 + 53 + 212 + 270$$

$$569 := 1^6 + 1^8 + 5^3 + 21^2 + 27^0 = 16 + 18 + 53 + 212 + 270$$

$$569 := 1^7 + 1^7 + 5^3 + 21^2 + 27^0 = 17 + 17 + 53 + 212 + 270$$

$$569 := 1^7 + 2^9 + 6^2 + 19^1 + 27^0 = 17 + 29 + 62 + 191 + 270$$

$$569 := 1^8 + 2^6 + 11^2 + 19^2 + 22^1 = 18 + 26 + 112 + 192 + 221$$

$$569 := 1^8 + 2^6 + 9^2 + 20^2 + 23^1 = 18 + 26 + 92 + 202 + 231$$

$$569 := 1^8 + 2^8 + 13^0 + 17^2 + 22^1 = 18 + 28 + 130 + 172 + 221$$

$$569 := 1^9 + 2^4 + 5^3 + 20^2 + 27^1 = 19 + 24 + 53 + 202 + 271$$

$$569 := 2^0 + 2^5 + 8^3 + 21^0 + 23^1 = 20 + 25 + 83 + 210 + 231$$

$$569 := 2^0 + 2^6 + 11^0 + 19^1 + 22^2 = 20 + 26 + 110 + 191 + 222$$

$$569 := 2^0 + 3^4 + 5^3 + 19^2 + 27^0 = 20 + 34 + 53 + 192 + 270$$

$$569 := 2^0 + 3^4 + 8^2 + 20^2 + 23^1 = 20 + 34 + 82 + 202 + 231$$

$$569 := 2^1 + 2^5 + 5^1 + 23^2 + 24^0 = 21 + 25 + 51 + 232 + 240$$

$$569 := 2^1 + 3^4 + 14^2 + 17^2 + 20^0 = 21 + 34 + 142 + 172 + 200$$

$$569 := 2^2 + 2^4 + 10^0 + 19^1 + 23^2 = 22 + 24 + 100 + 191 + 232$$

$$569 := 2^2 + 3^3 + 8^3 + 18^0 + 25^1 = 22 + 33 + 83 + 180 + 251$$

$$569 := 2^2 + 4^2 + 4^3 + 22^2 + 24^0 = 22 + 42 + 43 + 222 + 240$$

$$569 := 2^2 + 4^3 + 10^2 + 20^0 + 20^2 = 22 + 43 + 102 + 200 + 202$$

$$569 := 2^2 + 4^4 + 14^0 + 17^2 + 19^1 = 22 + 44 + 140 + 172 + 191$$

$$569 := 2^2 + 7^3 + 10^2 + 11^2 + 26^0 = 22 + 73 + 102 + 112 + 260$$

$$569 := 2^3 + 2^3 + 6^0 + 23^1 + 23^2 = 23 + 23 + 60 + 231 + 232$$

$$569 := 2^3 + 3^3 + 4^1 + 23^2 + 24^0 = 23 + 33 + 41 + 232 + 240$$

$$569 := 2^3 + 4^2 + 12^2 + 18^0 + 20^2 = 23 + 42 + 122 + 180 + 202$$

$$569 := 2^3 + 4^3 + 12^1 + 16^0 + 22^2 = 23 + 43 + 121 + 160 + 222$$

$$569 := 2^3 + 5^2 + 8^3 + 18^0 + 23^1 = 23 + 52 + 83 + 180 + 231$$

$$\begin{aligned} 569 &:= 2^3 + 6^3 + 10^0 + 18^2 + 20^1 = 23 + 63 + 100 + 182 + 201 & 569 &:= 2^6 + 6^0 + 7^0 + 19^1 + 22^2 = 26 + 60 + 70 + 191 + 222 \\ 569 &:= 2^3 + 6^3 + 7^3 + 14^0 + 27^0 = 23 + 63 + 73 + 140 + 270 & 569 &:= 2^8 + 2^8 + 6^2 + 20^1 + 25^0 = 28 + 28 + 62 + 201 + 250 \\ 569 &:= 2^3 + 6^3 + 7^3 + 15^0 + 26^0 = 23 + 63 + 73 + 150 + 260 & 569 &:= 3^0 + 3^4 + 5^3 + 19^2 + 26^0 = 30 + 34 + 53 + 192 + 260 \\ 569 &:= 2^3 + 6^3 + 7^3 + 16^0 + 25^0 = 23 + 63 + 73 + 160 + 250 & 569 &:= 3^2 + 3^3 + 8^3 + 20^1 + 22^0 = 32 + 33 + 83 + 201 + 220 \\ 569 &:= 2^3 + 6^3 + 7^3 + 17^0 + 24^0 = 23 + 63 + 73 + 170 + 240 & 569 &:= 3^2 + 4^4 + 14^1 + 17^2 + 18^0 = 32 + 44 + 141 + 172 + 180 \\ 569 &:= 2^3 + 6^3 + 7^3 + 18^0 + 23^0 = 23 + 63 + 73 + 180 + 230 & 569 &:= 3^3 + 5^3 + 12^0 + 16^1 + 20^2 = 33 + 53 + 120 + 161 + 202 \\ 569 &:= 2^3 + 6^3 + 7^3 + 19^0 + 22^0 = 23 + 63 + 73 + 190 + 220 & 569 &:= 3^3 + 6^2 + 12^2 + 16^0 + 19^2 = 33 + 62 + 122 + 160 + 192 \\ 569 &:= 2^3 + 6^3 + 7^3 + 20^0 + 21^0 = 23 + 63 + 73 + 200 + 210 & 569 &:= 3^3 + 6^2 + 8^2 + 18^0 + 21^2 = 33 + 62 + 82 + 180 + 212 \\ 569 &:= 2^3 + 7^3 + 12^0 + 14^2 + 21^1 = 23 + 73 + 120 + 142 + 211 & 569 &:= 3^4 + 4^0 + 12^2 + 18^2 + 19^1 = 34 + 40 + 122 + 182 + 191 \\ 569 &:= 2^4 + 10^2 + 11^1 + 12^0 + 21^2 = 24 + 102 + 111 + 120 + 212 & 569 &:= 3^4 + 4^0 + 5^3 + 19^2 + 25^0 = 34 + 40 + 53 + 192 + 250 \\ 569 &:= 2^4 + 3^1 + 15^2 + 18^0 + 18^2 = 24 + 31 + 152 + 180 + 182 & 569 &:= 3^4 + 5^0 + 5^3 + 19^2 + 24^0 = 34 + 50 + 53 + 192 + 240 \\ 569 &:= 2^4 + 3^2 + 14^0 + 14^1 + 23^2 = 24 + 32 + 140 + 141 + 232 & 569 &:= 3^4 + 5^1 + 11^2 + 18^0 + 19^2 = 34 + 51 + 112 + 180 + 192 \\ 569 &:= 2^4 + 4^1 + 8^2 + 20^0 + 22^2 = 24 + 41 + 82 + 200 + 222 & 569 &:= 3^4 + 5^2 + 6^0 + 21^1 + 21^2 = 34 + 52 + 60 + 211 + 212 \\ 569 &:= 2^4 + 4^2 + 7^1 + 20^0 + 23^2 = 24 + 42 + 71 + 200 + 232 & 569 &:= 3^4 + 5^3 + 10^0 + 19^0 + 19^2 = 34 + 53 + 100 + 190 + 192 \\ 569 &:= 2^4 + 6^0 + 7^2 + 19^1 + 22^2 = 24 + 60 + 72 + 191 + 222 & 569 &:= 3^4 + 5^3 + 11^0 + 18^0 + 19^2 = 34 + 53 + 110 + 180 + 192 \\ 569 &:= 2^4 + 6^0 + 8^3 + 13^1 + 27^1 = 24 + 60 + 83 + 131 + 271 & 569 &:= 3^4 + 5^3 + 12^0 + 17^0 + 19^2 = 34 + 53 + 120 + 170 + 192 \\ 569 &:= 2^4 + 6^0 + 8^3 + 14^1 + 26^1 = 24 + 60 + 83 + 141 + 261 & 569 &:= 3^4 + 5^3 + 13^0 + 16^0 + 19^2 = 34 + 53 + 130 + 160 + 192 \\ 569 &:= 2^4 + 6^0 + 8^3 + 15^1 + 25^1 = 24 + 60 + 83 + 151 + 251 & 569 &:= 3^4 + 5^3 + 14^0 + 15^0 + 19^2 = 34 + 53 + 140 + 150 + 192 \\ 569 &:= 2^4 + 6^0 + 8^3 + 16^1 + 24^1 = 24 + 60 + 83 + 161 + 241 & 569 &:= 3^4 + 5^3 + 6^0 + 19^2 + 23^0 = 34 + 53 + 60 + 192 + 230 \\ 569 &:= 2^4 + 6^0 + 8^3 + 17^1 + 23^1 = 24 + 60 + 83 + 171 + 231 & 569 &:= 3^4 + 5^3 + 7^0 + 19^2 + 22^0 = 34 + 53 + 70 + 192 + 220 \\ 569 &:= 2^4 + 6^0 + 8^3 + 18^1 + 22^1 = 24 + 60 + 83 + 181 + 221 & 569 &:= 3^4 + 5^3 + 8^0 + 19^2 + 21^0 = 34 + 53 + 80 + 192 + 210 \\ 569 &:= 2^4 + 6^0 + 8^3 + 19^1 + 21^1 = 24 + 60 + 83 + 191 + 211 & 569 &:= 3^4 + 5^3 + 9^0 + 19^2 + 20^0 = 34 + 53 + 90 + 192 + 200 \\ 569 &:= 2^4 + 6^0 + 8^3 + 20^1 + 20^1 = 24 + 60 + 83 + 201 + 201 & 569 &:= 3^4 + 6^1 + 15^2 + 16^0 + 16^2 = 34 + 61 + 152 + 160 + 162 \\ 569 &:= 2^4 + 7^1 + 14^0 + 16^2 + 17^2 = 24 + 71 + 140 + 162 + 172 & 569 &:= 3^4 + 6^1 + 9^2 + 18^0 + 20^2 = 34 + 61 + 92 + 180 + 202 \\ 569 &:= 2^4 + 8^1 + 12^2 + 14^0 + 20^2 = 24 + 81 + 122 + 140 + 202 & 569 &:= 3^4 + 6^2 + 10^1 + 16^0 + 21^2 = 34 + 62 + 101 + 160 + 212 \\ 569 &:= 2^5 + 3^0 + 8^3 + 20^0 + 23^1 = 25 + 30 + 83 + 200 + 231 & 569 &:= 4^0 + 4^4 + 12^2 + 12^2 + 24^1 = 40 + 44 + 122 + 122 + 241 \\ 569 &:= 2^5 + 3^1 + 4^1 + 23^2 + 24^0 = 25 + 31 + 41 + 232 + 240 & 569 &:= 4^2 + 4^4 + 7^1 + 17^2 + 24^0 = 42 + 44 + 71 + 172 + 240 \\ 569 &:= 2^5 + 4^0 + 8^3 + 19^0 + 23^1 = 25 + 40 + 83 + 190 + 231 & 569 &:= 4^3 + 5^3 + 10^0 + 18^1 + 19^2 = 43 + 53 + 100 + 181 + 192 \\ 569 &:= 2^5 + 5^0 + 8^3 + 18^0 + 23^1 = 25 + 50 + 83 + 180 + 231 & 569 &:= 4^3 + 6^2 + 12^2 + 16^0 + 18^2 = 43 + 62 + 122 + 160 + 182 \\ 569 &:= 2^5 + 6^0 + 8^3 + 17^0 + 23^1 = 25 + 60 + 83 + 170 + 231 & 569 &:= 4^3 + 7^3 + 12^2 + 16^0 + 17^1 = 43 + 73 + 122 + 160 + 171 \\ 569 &:= 2^5 + 7^0 + 8^3 + 16^0 + 23^1 = 25 + 70 + 83 + 160 + 231 & 569 &:= 4^4 + 10^2 + 12^0 + 14^2 + 16^1 = 44 + 102 + 120 + 142 + 161 \\ 569 &:= 2^5 + 8^0 + 8^3 + 15^0 + 23^1 = 25 + 80 + 83 + 150 + 231 & 569 &:= 4^4 + 6^0 + 11^2 + 13^2 + 22^1 = 44 + 60 + 112 + 132 + 221 \\ 569 &:= 2^5 + 8^3 + 10^0 + 13^0 + 23^1 = 25 + 83 + 100 + 130 + 231 & 569 &:= 4^4 + 6^0 + 8^2 + 15^2 + 23^1 = 44 + 60 + 82 + 152 + 231 \\ 569 &:= 2^5 + 8^3 + 11^0 + 12^0 + 23^1 = 25 + 83 + 110 + 120 + 231 & 569 &:= 4^4 + 6^1 + 9^2 + 15^2 + 22^0 = 44 + 61 + 92 + 152 + 220 \\ 569 &:= 2^5 + 8^3 + 9^0 + 14^0 + 23^1 = 25 + 83 + 90 + 140 + 231 & 569 &:= 4^4 + 6^2 + 10^0 + 16^2 + 20^1 = 44 + 62 + 100 + 162 + 201 \\ 569 &:= 2^6 + 3^0 + 10^0 + 19^1 + 22^2 = 26 + 30 + 100 + 191 + 222 & 569 &:= 4^4 + 7^1 + 7^2 + 16^2 + 22^0 = 44 + 71 + 72 + 162 + 220 \\ 569 &:= 2^6 + 4^0 + 9^0 + 19^1 + 22^2 = 26 + 40 + 90 + 191 + 222 & 569 &:= 5^2 + 7^3 + 10^2 + 10^2 + 24^0 = 52 + 73 + 102 + 102 + 240 \\ 569 &:= 2^6 + 5^0 + 8^0 + 19^1 + 22^2 = 26 + 50 + 80 + 191 + 222 & 569 &:= 5^3 + 7^2 + 13^2 + 15^2 + 16^0 = 53 + 72 + 132 + 152 + 160 \end{aligned}$$

$$569 := 5^3 + 7^3 + 9^2 + 16^0 + 19^1 = 53 + 73 + 92 + 160 + 191$$

$$569 := 6^3 + 6^3 + 11^2 + 15^1 + 18^0 = 63 + 63 + 112 + 151 + 180$$

$$569 := 6^3 + 8^2 + 12^2 + 12^2 + 18^0 = 63 + 82 + 122 + 122 + 180$$

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$$570 := 1^5 + 7^3 + 15^2 + 33^0 = 15 + 73 + 152 + 330$$

$$570 := 2^2 + 3^5 + 17^2 + 34^1 = 22 + 35 + 172 + 341$$

$$570 := 2^3 + 2^5 + 23^2 + 29^0 = 23 + 25 + 232 + 290$$

$$570 := 2^4 + 5^3 + 20^2 + 29^1 = 24 + 53 + 202 + 291$$

$$570 := 2^5 + 5^2 + 8^3 + 41^0 = 25 + 52 + 83 + 410$$

$$570 := 2^6 + 12^2 + 19^2 + 23^0 = 26 + 122 + 192 + 230$$

$$570 := 2^6 + 8^2 + 21^2 + 25^0 = 26 + 82 + 212 + 250$$

$$570 := 1^1 + 2^5 + 8^3 + 21^0 + 24^1 = 11 + 25 + 83 + 210 + 241$$

$$570 := 1^1 + 2^6 + 11^0 + 20^1 + 22^2 = 11 + 26 + 110 + 201 + 222$$

$$570 := 1^1 + 3^4 + 8^2 + 20^2 + 24^1 = 11 + 34 + 82 + 202 + 241$$

$$570 := 1^1 + 3^5 + 10^2 + 15^2 + 27^0 = 11 + 35 + 102 + 152 + 270$$

$$570 := 1^2 + 2^5 + 7^1 + 23^0 + 23^2 = 12 + 25 + 71 + 230 + 232$$

$$570 := 1^2 + 3^3 + 11^2 + 20^2 + 21^1 = 12 + 33 + 112 + 202 + 211$$

$$570 := 1^2 + 4^3 + 14^2 + 17^2 + 20^1 = 12 + 43 + 142 + 172 + 201$$

$$570 := 1^3 + 11^2 + 12^2 + 15^1 + 17^2 = 13 + 112 + 122 + 151 + 172$$

$$570 := 1^3 + 2^2 + 12^2 + 20^2 + 21^1 = 13 + 22 + 122 + 202 + 211$$

$$570 := 1^3 + 2^2 + 16^2 + 17^2 + 20^1 = 13 + 22 + 162 + 172 + 201$$

$$570 := 1^3 + 2^2 + 3^2 + 23^2 + 27^1 = 13 + 22 + 32 + 232 + 271$$

$$570 := 1^3 + 2^4 + 7^0 + 23^1 + 23^2 = 13 + 24 + 70 + 231 + 232$$

$$570 := 1^3 + 3^1 + 3^4 + 22^2 + 27^0 = 13 + 31 + 34 + 222 + 270$$

$$570 := 1^3 + 3^3 + 10^2 + 21^0 + 21^2 = 13 + 33 + 102 + 210 + 212$$

$$570 := 1^3 + 3^5 + 10^0 + 18^2 + 24^0 = 13 + 35 + 100 + 182 + 240$$

$$570 := 1^3 + 3^5 + 11^0 + 18^2 + 23^0 = 13 + 35 + 110 + 182 + 230$$

$$570 := 1^3 + 3^5 + 12^0 + 18^2 + 22^0 = 13 + 35 + 120 + 182 + 220$$

$$570 := 1^3 + 3^5 + 13^0 + 18^2 + 21^0 = 13 + 35 + 130 + 182 + 210$$

$$570 := 1^3 + 3^5 + 14^0 + 18^2 + 20^0 = 13 + 35 + 140 + 182 + 200$$

$$570 := 1^3 + 3^5 + 15^0 + 18^2 + 19^0 = 13 + 35 + 150 + 182 + 190$$

$$570 := 1^3 + 3^5 + 16^0 + 18^0 + 18^2 = 13 + 35 + 160 + 180 + 182$$

$$570 := 1^3 + 3^5 + 17^0 + 17^0 + 18^2 = 13 + 35 + 170 + 170 + 182$$

$$570 := 1^3 + 3^5 + 7^0 + 18^2 + 27^0 = 13 + 35 + 70 + 182 + 270$$

$$570 := 1^3 + 3^5 + 8^0 + 18^2 + 26^0 = 13 + 35 + 80 + 182 + 260$$

$$570 := 1^3 + 3^5 + 9^0 + 18^2 + 25^0 = 13 + 35 + 90 + 182 + 250$$

$$570 := 1^3 + 4^4 + 11^0 + 17^2 + 23^1 = 13 + 44 + 110 + 172 + 231$$

$$570 := 1^3 + 7^3 + 9^2 + 12^2 + 27^0 = 13 + 73 + 92 + 122 + 270$$

$$570 := 1^4 + 10^2 + 12^2 + 15^0 + 18^2 = 14 + 102 + 122 + 150 + 182$$

$$570 := 1^4 + 2^1 + 5^3 + 21^2 + 27^0 = 14 + 21 + 53 + 212 + 270$$

$$570 := 1^4 + 3^3 + 12^1 + 17^0 + 23^2 = 14 + 33 + 121 + 170 + 232$$

$$570 := 1^4 + 4^3 + 9^0 + 20^1 + 22^2 = 14 + 43 + 90 + 201 + 222$$

$$570 := 1^4 + 6^2 + 8^3 + 20^1 + 21^0 = 14 + 62 + 83 + 201 + 210$$

$$570 := 1^5 + 11^0 + 11^1 + 14^2 + 19^2 = 15 + 110 + 111 + 142 + 192$$

$$570 := 1^5 + 2^5 + 2^9 + 24^1 + 26^0 = 15 + 25 + 29 + 241 + 260$$

$$570 := 1^5 + 3^0 + 15^2 + 18^2 + 19^1 = 15 + 30 + 152 + 182 + 191$$

$$570 := 1^5 + 3^1 + 6^2 + 23^0 + 23^2 = 15 + 31 + 62 + 230 + 232$$

$$570 := 1^5 + 3^1 + 9^2 + 21^0 + 22^2 = 15 + 31 + 92 + 210 + 222$$

$$570 := 1^5 + 4^2 + 5^0 + 23^1 + 23^2 = 15 + 42 + 50 + 231 + 232$$

$$570 := 1^5 + 5^0 + 8^2 + 20^1 + 22^2 = 15 + 50 + 82 + 201 + 222$$

$$570 := 1^5 + 5^2 + 13^0 + 14^1 + 23^2 = 15 + 52 + 130 + 141 + 232$$

$$570 := 1^5 + 6^1 + 11^2 + 17^0 + 21^2 = 15 + 61 + 112 + 170 + 212$$

$$570 := 1^8 + 2^9 + 6^2 + 20^1 + 26^0 = 18 + 29 + 62 + 201 + 260$$

$$570 := 1^9 + 2^8 + 12^0 + 17^2 + 23^1 = 19 + 28 + 120 + 172 + 231$$

$$570 := 2^1 + 2^5 + 8^3 + 21^0 + 23^1 = 21 + 25 + 83 + 210 + 231$$

$$570 := 2^1 + 2^6 + 11^0 + 19^1 + 22^2 = 21 + 26 + 110 + 191 + 222$$

$$570 := 2^1 + 3^4 + 5^3 + 19^2 + 27^0 = 21 + 34 + 53 + 192 + 270$$

$$570 := 2^1 + 3^4 + 8^2 + 20^2 + 23^1 = 21 + 34 + 82 + 202 + 231$$

$$570 := 2^2 + 2^4 + 15^2 + 18^2 + 19^0 = 22 + 24 + 152 + 182 + 190$$

$$570 := 2^2 + 2^5 + 4^1 + 23^2 + 25^0 = 22 + 25 + 41 + 232 + 250$$

$$570 := 2^2 + 3^3 + 14^2 + 18^2 + 19^1 = 22 + 33 + 142 + 182 + 191$$

$$570 := 2^2 + 4^2 + 5^3 + 20^2 + 25^1 = 22 + 42 + 53 + 202 + 251$$

$$570 := 2^2 + 4^3 + 11^2 + 19^2 + 20^1 = 22 + 43 + 112 + 192 + 201$$

$$570 := 2^2 + 4^3 + 9^2 + 20^2 + 21^1 = 22 + 43 + 92 + 202 + 211$$

$$570 := 2^2 + 5^3 + 14^2 + 15^2 + 20^1 = 22 + 53 + 142 + 152 + 201$$

$$570 := 2^2 + 6^2 + 6^3 + 17^2 + 25^1 = 22 + 62 + 63 + 172 + 251$$

$$570 := 2^3 + 2^4 + 13^0 + 16^1 + 23^2 = 23 + 24 + 130 + 161 + 232$$

$$570 := 2^3 + 3^3 + 8^3 + 21^0 + 22^1 = 23 + 33 + 83 + 210 + 221$$

$$570 := 2^3 + 4^4 + 16^1 + 17^0 + 17^2 = 23 + 44 + 161 + 170 + 172$$

$$570 := 2^3 + 5^2 + 14^2 + 17^1 + 18^2 = 23 + 52 + 142 + 171 + 182$$

$$\begin{aligned} 570 &:= 2^3 + 5^3 + 6^2 + 20^2 + 23^0 = 23 + 53 + 62 + 202 + 230 & 570 &:= 3^4 + 4^3 + 5^0 + 20^2 + 24^1 = 34 + 43 + 50 + 202 + 241 \\ 570 &:= 2^3 + 7^2 + 7^3 + 13^2 + 27^0 = 23 + 72 + 73 + 132 + 270 & 570 &:= 3^4 + 5^1 + 8^2 + 20^1 + 20^2 = 34 + 51 + 82 + 201 + 202 \\ 570 &:= 2^3 + 8^2 + 11^2 + 16^1 + 19^2 = 23 + 82 + 112 + 161 + 192 & 570 &:= 3^4 + 6^1 + 8^2 + 19^1 + 20^2 = 34 + 61 + 82 + 191 + 202 \\ 570 &:= 2^3 + 8^2 + 9^2 + 17^1 + 20^2 = 23 + 82 + 92 + 171 + 202 & 570 &:= 3^4 + 6^2 + 14^2 + 16^2 + 17^0 = 34 + 62 + 142 + 162 + 170 \\ 570 &:= 2^4 + 3^2 + 12^2 + 19^0 + 20^2 = 24 + 32 + 122 + 190 + 202 & 570 &:= 3^4 + 6^3 + 15^0 + 16^1 + 16^2 = 34 + 63 + 150 + 161 + 162 \\ 570 &:= 2^4 + 4^2 + 8^3 + 17^0 + 25^1 = 24 + 42 + 83 + 170 + 251 & 570 &:= 3^4 + 7^1 + 8^2 + 18^1 + 20^2 = 34 + 71 + 82 + 181 + 202 \\ 570 &:= 2^4 + 4^3 + 5^1 + 22^2 + 23^0 = 24 + 43 + 51 + 222 + 230 & 570 &:= 3^4 + 7^3 + 11^0 + 11^2 + 24^1 = 34 + 73 + 110 + 112 + 241 \\ 570 &:= 2^4 + 5^2 + 8^3 + 16^1 + 25^0 = 24 + 52 + 83 + 161 + 250 & 570 &:= 3^4 + 8^1 + 8^2 + 17^1 + 20^2 = 34 + 81 + 82 + 171 + 202 \\ 570 &:= 2^4 + 6^3 + 13^1 + 17^0 + 18^2 = 24 + 63 + 131 + 170 + 182 & 570 &:= 3^4 + 8^2 + 10^1 + 15^1 + 20^2 = 34 + 82 + 101 + 151 + 202 \\ 570 &:= 2^4 + 7^3 + 14^1 + 14^2 + 19^0 = 24 + 73 + 141 + 142 + 190 & 570 &:= 3^4 + 8^2 + 10^2 + 17^0 + 18^2 = 34 + 82 + 102 + 170 + 182 \\ 570 &:= 2^5 + 3^1 + 8^3 + 21^0 + 22^1 = 25 + 31 + 83 + 210 + 221 & 570 &:= 3^4 + 8^2 + 11^1 + 14^1 + 20^2 = 34 + 82 + 111 + 141 + 202 \\ 570 &:= 2^5 + 4^1 + 7^2 + 21^0 + 22^2 = 25 + 41 + 72 + 210 + 222 & 570 &:= 3^4 + 8^2 + 12^1 + 13^1 + 20^2 = 34 + 82 + 121 + 131 + 202 \\ 570 &:= 2^5 + 4^1 + 8^3 + 21^0 + 21^1 = 25 + 41 + 83 + 210 + 211 & 570 &:= 3^4 + 8^2 + 9^1 + 16^1 + 20^2 = 34 + 82 + 91 + 161 + 202 \\ 570 &:= 2^5 + 5^0 + 14^2 + 17^1 + 18^2 = 25 + 50 + 142 + 171 + 182 & 570 &:= 3^5 + 12^2 + 13^1 + 13^2 + 15^0 = 35 + 122 + 131 + 132 + 150 \\ 570 &:= 2^5 + 5^1 + 8^3 + 20^1 + 21^0 = 25 + 51 + 83 + 201 + 210 & 570 &:= 3^5 + 4^2 + 11^0 + 17^2 + 21^1 = 35 + 42 + 110 + 172 + 211 \\ 570 &:= 2^5 + 6^1 + 8^3 + 19^1 + 21^0 = 25 + 61 + 83 + 191 + 210 & 570 &:= 3^5 + 5^2 + 12^1 + 17^2 + 19^0 = 35 + 52 + 121 + 172 + 190 \\ 570 &:= 2^5 + 6^2 + 9^0 + 17^1 + 22^2 = 25 + 62 + 90 + 171 + 222 & 570 &:= 3^5 + 6^1 + 8^2 + 16^2 + 23^0 = 35 + 61 + 82 + 162 + 230 \\ 570 &:= 2^5 + 7^0 + 11^2 + 16^1 + 20^2 = 25 + 70 + 112 + 161 + 202 & 570 &:= 3^5 + 7^2 + 9^0 + 16^2 + 21^1 = 35 + 72 + 90 + 162 + 211 \\ 570 &:= 2^5 + 7^1 + 13^2 + 15^0 + 19^2 = 25 + 71 + 132 + 150 + 192 & 570 &:= 3^5 + 9^0 + 9^2 + 15^2 + 20^1 = 35 + 90 + 92 + 152 + 201 \\ 570 &:= 2^5 + 7^1 + 8^3 + 18^1 + 21^0 = 25 + 71 + 83 + 181 + 210 & 570 &:= 3^5 + 9^1 + 11^2 + 14^2 + 19^0 = 35 + 91 + 112 + 142 + 190 \\ 570 &:= 2^5 + 8^1 + 8^3 + 17^1 + 21^0 = 25 + 81 + 83 + 171 + 210 & 570 &:= 4^2 + 5^2 + 6^3 + 17^2 + 24^1 = 42 + 52 + 63 + 172 + 241 \\ 570 &:= 2^5 + 8^3 + 10^1 + 15^1 + 21^0 = 25 + 83 + 101 + 151 + 210 & 570 &:= 4^2 + 5^3 + 11^2 + 17^2 + 19^1 = 42 + 53 + 112 + 172 + 191 \\ 570 &:= 2^5 + 8^3 + 11^1 + 14^1 + 21^0 = 25 + 83 + 111 + 141 + 210 & 570 &:= 4^2 + 6^3 + 11^2 + 14^2 + 21^1 = 42 + 63 + 112 + 142 + 211 \\ 570 &:= 2^5 + 8^3 + 12^1 + 13^1 + 21^0 = 25 + 83 + 121 + 131 + 210 & 570 &:= 4^2 + 7^3 + 8^2 + 11^2 + 26^1 = 42 + 73 + 82 + 112 + 261 \\ 570 &:= 2^5 + 8^3 + 9^1 + 16^1 + 21^0 = 25 + 83 + 91 + 161 + 210 & 570 &:= 4^3 + 10^2 + 14^1 + 14^2 + 14^2 = 43 + 102 + 141 + 142 + 142 \\ 570 &:= 2^5 + 9^0 + 9^2 + 15^1 + 21^2 = 25 + 90 + 92 + 151 + 212 & 570 &:= 4^3 + 4^4 + 9^0 + 15^2 + 24^1 = 43 + 44 + 90 + 152 + 241 \\ 570 &:= 2^6 + 10^1 + 11^0 + 11^1 + 22^2 = 26 + 101 + 110 + 111 + 222 & 570 &:= 4^3 + 6^3 + 8^2 + 15^2 + 23^0 = 43 + 63 + 82 + 152 + 230 \\ 570 &:= 2^6 + 3^1 + 11^0 + 18^1 + 22^2 = 26 + 31 + 110 + 181 + 222 & 570 &:= 4^3 + 7^3 + 9^2 + 9^2 + 27^0 = 43 + 73 + 92 + 92 + 270 \\ 570 &:= 2^6 + 4^1 + 11^0 + 17^1 + 22^2 = 26 + 41 + 110 + 171 + 222 & 570 &:= 4^3 + 8^2 + 8^2 + 17^1 + 19^2 = 43 + 82 + 82 + 171 + 192 \\ 570 &:= 2^6 + 5^1 + 11^0 + 16^1 + 22^2 = 26 + 51 + 110 + 161 + 222 & 570 &:= 4^3 + 9^2 + 11^2 + 15^1 + 17^2 = 43 + 92 + 112 + 151 + 172 \\ 570 &:= 2^6 + 6^1 + 11^0 + 15^1 + 22^2 = 26 + 61 + 110 + 151 + 222 & 570 &:= 4^4 + 5^2 + 12^2 + 12^2 + 23^0 = 44 + 52 + 122 + 122 + 230 \\ 570 &:= 2^6 + 7^1 + 11^0 + 14^1 + 22^2 = 26 + 71 + 110 + 141 + 222 & 570 &:= 4^4 + 5^3 + 13^2 + 15^0 + 19^1 = 44 + 53 + 132 + 150 + 191 \\ 570 &:= 2^6 + 8^1 + 11^0 + 13^1 + 22^2 = 26 + 81 + 110 + 131 + 222 & 570 &:= 4^4 + 6^2 + 9^2 + 14^2 + 23^0 = 44 + 62 + 92 + 142 + 230 \\ 570 &:= 2^6 + 9^1 + 11^0 + 12^1 + 22^2 = 26 + 91 + 110 + 121 + 222 & 570 &:= 4^4 + 6^3 + 9^2 + 16^1 + 21^0 = 44 + 63 + 92 + 161 + 210 \\ 570 &:= 3^1 + 3^4 + 8^2 + 20^2 + 22^1 = 31 + 34 + 82 + 202 + 221 & 570 &:= 5^3 + 6^2 + 14^2 + 14^2 + 17^1 = 53 + 62 + 142 + 142 + 171 \\ 570 &:= 3^3 + 3^4 + 9^0 + 20^1 + 21^2 = 33 + 34 + 90 + 201 + 212 & 570 &:= 5^3 + 6^3 + 6^3 + 12^1 + 27^0 = 53 + 63 + 63 + 121 + 270 \\ 570 &:= 3^3 + 5^2 + 10^2 + 18^1 + 20^2 = 33 + 52 + 102 + 181 + 202 & 570 &:= 5^3 + 8^2 + 13^2 + 14^2 + 16^1 = 53 + 82 + 132 + 142 + 161 \\ 570 &:= 3^4 + 4^1 + 8^2 + 20^2 + 21^1 = 34 + 41 + 82 + 202 + 211 \end{aligned}$$

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$571 := 1^2 + 2^7 + 21^2 + 32^0$	$= 12 + 27 + 212 + 320$	$571 := 1^6 + 4^0 + 8^2 + 21^1 + 22^2$	$= 16 + 40 + 82 + 211 + 222$
$571 := 1^7 + 13^2 + 20^2 + 22^0$	$= 17 + 132 + 202 + 220$	$571 := 1^6 + 4^1 + 6^2 + 22^0 + 23^2$	$= 16 + 41 + 62 + 220 + 232$
$571 := 1^8 + 2^3 + 2^9 + 50^1$	$= 18 + 23 + 29 + 501$	$571 := 1^6 + 4^1 + 9^2 + 20^0 + 22^2$	$= 16 + 41 + 92 + 200 + 222$
$571 := 1^9 + 2^9 + 3^2 + 49^1$	$= 19 + 29 + 32 + 491$	$571 := 1^6 + 5^2 + 12^0 + 15^1 + 23^2$	$= 16 + 52 + 120 + 151 + 232$
$571 := 2^7 + 9^2 + 19^2 + 26^0$	$= 27 + 92 + 192 + 260$	$571 := 1^6 + 6^0 + 7^3 + 15^2 + 27^0$	$= 16 + 60 + 73 + 152 + 270$
$571 := 2^8 + 12^0 + 17^2 + 25^1$	$= 28 + 120 + 172 + 251$	$571 := 1^6 + 7^0 + 7^3 + 15^2 + 26^0$	$= 16 + 70 + 73 + 152 + 260$
$571 := 1^0 + 2^8 + 12^0 + 17^2 + 24^1$	$= 10 + 28 + 120 + 172 + 241$	$571 := 1^6 + 7^1 + 11^2 + 16^0 + 21^2$	$= 16 + 71 + 112 + 160 + 212$
$571 := 1^1 + 2^6 + 12^2 + 19^2 + 22^0$	$= 11 + 26 + 122 + 192 + 220$	$571 := 1^6 + 7^3 + 10^0 + 15^2 + 23^0$	$= 16 + 73 + 100 + 152 + 230$
$571 := 1^1 + 2^6 + 8^2 + 21^2 + 24^0$	$= 11 + 26 + 82 + 212 + 240$	$571 := 1^6 + 7^3 + 11^0 + 15^2 + 22^0$	$= 16 + 73 + 110 + 152 + 220$
$571 := 1^2 + 2^5 + 8^3 + 20^0 + 25^1$	$= 12 + 25 + 83 + 200 + 251$	$571 := 1^6 + 7^3 + 12^0 + 15^2 + 21^0$	$= 16 + 73 + 120 + 152 + 210$
$571 := 1^2 + 2^6 + 10^0 + 21^1 + 22^2$	$= 12 + 26 + 100 + 211 + 222$	$571 := 1^6 + 7^3 + 13^0 + 15^2 + 20^0$	$= 16 + 73 + 130 + 152 + 200$
$571 := 1^3 + 2^5 + 8^1 + 22^0 + 23^2$	$= 13 + 25 + 81 + 220 + 232$	$571 := 1^6 + 7^3 + 14^0 + 15^2 + 19^0$	$= 16 + 73 + 140 + 152 + 190$
$571 := 1^3 + 4^3 + 4^3 + 21^2 + 26^0$	$= 13 + 43 + 43 + 212 + 260$	$571 := 1^6 + 7^3 + 15^0 + 15^2 + 18^0$	$= 16 + 73 + 150 + 152 + 180$
$571 := 1^3 + 4^4 + 12^2 + 13^2 + 26^0$	$= 13 + 44 + 122 + 132 + 260$	$571 := 1^6 + 7^3 + 15^2 + 16^0 + 17^0$	$= 16 + 73 + 152 + 160 + 170$
$571 := 1^4 + 2^4 + 6^0 + 23^2 + 24^1$	$= 14 + 24 + 60 + 232 + 241$	$571 := 1^6 + 7^3 + 8^0 + 15^2 + 25^0$	$= 16 + 73 + 80 + 152 + 250$
$571 := 1^4 + 3^4 + 4^1 + 22^2 + 26^0$	$= 14 + 34 + 41 + 222 + 260$	$571 := 1^6 + 7^3 + 9^0 + 15^2 + 24^0$	$= 16 + 73 + 90 + 152 + 240$
$571 := 1^4 + 4^3 + 12^2 + 19^2 + 20^0$	$= 14 + 43 + 122 + 192 + 200$	$571 := 1^7 + 1^9 + 15^2 + 18^2 + 20^1$	$= 17 + 19 + 152 + 182 + 201$
$571 := 1^4 + 4^3 + 8^2 + 21^2 + 22^0$	$= 14 + 43 + 82 + 212 + 220$	$571 := 1^7 + 2^3 + 2^9 + 23^1 + 27^1$	$= 17 + 23 + 29 + 231 + 271$
$571 := 1^4 + 4^4 + 10^0 + 17^2 + 24^1$	$= 14 + 44 + 100 + 172 + 241$	$571 := 1^7 + 2^3 + 2^9 + 24^1 + 26^1$	$= 17 + 23 + 29 + 241 + 261$
$571 := 1^4 + 6^3 + 8^2 + 17^2 + 24^0$	$= 14 + 63 + 82 + 172 + 240$	$571 := 1^7 + 2^3 + 2^9 + 25^1 + 25^1$	$= 17 + 23 + 29 + 251 + 251$
$571 := 1^5 + 12^2 + 13^2 + 14^0 + 16^2$	$= 15 + 122 + 132 + 140 + 162$	$571 := 1^8 + 1^8 + 15^2 + 18^2 + 20^1$	$= 18 + 18 + 152 + 182 + 201$
$571 := 1^5 + 2^2 + 6^2 + 23^2 + 24^0$	$= 15 + 22 + 62 + 232 + 240$	$571 := 1^8 + 2^9 + 3^2 + 22^1 + 27^1$	$= 18 + 29 + 32 + 221 + 271$
$571 := 1^5 + 2^2 + 9^2 + 22^0 + 22^2$	$= 15 + 22 + 92 + 220 + 222$	$571 := 1^8 + 2^9 + 3^2 + 23^1 + 26^1$	$= 18 + 29 + 32 + 231 + 261$
$571 := 1^5 + 3^1 + 5^3 + 21^2 + 26^0$	$= 15 + 31 + 53 + 212 + 260$	$571 := 1^8 + 2^9 + 3^2 + 24^1 + 25^1$	$= 18 + 29 + 32 + 241 + 251$
$571 := 1^5 + 3^3 + 13^1 + 16^0 + 23^2$	$= 15 + 33 + 131 + 160 + 232$	$571 := 1^9 + 2^8 + 12^2 + 13^2 + 27^0$	$= 19 + 28 + 122 + 132 + 270$
$571 := 1^5 + 4^3 + 8^0 + 21^1 + 22^2$	$= 15 + 43 + 80 + 211 + 222$	$571 := 1^9 + 2^9 + 6^2 + 21^1 + 25^0$	$= 19 + 29 + 62 + 211 + 250$
$571 := 1^5 + 5^2 + 12^2 + 18^0 + 20^2$	$= 15 + 52 + 122 + 180 + 202$	$571 := 2^0 + 2^5 + 3^3 + 22^2 + 27^1$	$= 20 + 25 + 33 + 222 + 271$
$571 := 1^5 + 6^2 + 7^2 + 20^0 + 22^2$	$= 15 + 62 + 72 + 200 + 222$	$571 := 2^0 + 2^6 + 14^2 + 17^2 + 21^1$	$= 20 + 26 + 142 + 172 + 211$
$571 := 1^5 + 6^2 + 8^3 + 20^0 + 21^1$	$= 15 + 62 + 83 + 200 + 211$	$571 := 2^0 + 2^6 + 4^3 + 21^2 + 27^0$	$= 20 + 26 + 43 + 212 + 270$
$571 := 1^5 + 7^2 + 14^2 + 16^0 + 18^2$	$= 15 + 72 + 142 + 160 + 182$	$571 := 2^0 + 2^8 + 11^0 + 17^2 + 24^1$	$= 20 + 28 + 110 + 172 + 241$
$571 := 1^5 + 8^2 + 12^2 + 16^0 + 19^2$	$= 15 + 82 + 122 + 160 + 192$	$571 := 2^2 + 2^5 + 8^3 + 22^0 + 22^1$	$= 22 + 25 + 83 + 220 + 221$
$571 := 1^5 + 8^2 + 8^2 + 18^0 + 21^2$	$= 15 + 82 + 82 + 180 + 212$	$571 := 2^2 + 2^6 + 12^0 + 18^1 + 22^2$	$= 22 + 26 + 120 + 181 + 222$
$571 := 1^6 + 10^0 + 12^1 + 14^2 + 19^2$	$= 16 + 100 + 121 + 142 + 192$	$571 := 2^3 + 3^4 + 15^2 + 16^2 + 20^0$	$= 23 + 34 + 152 + 162 + 200$
$571 := 1^6 + 2^0 + 15^2 + 18^2 + 20^1$	$= 16 + 20 + 152 + 182 + 201$	$571 := 2^3 + 3^4 + 9^2 + 20^2 + 22^0$	$= 23 + 34 + 92 + 202 + 220$
$571 := 1^6 + 2^5 + 2^9 + 25^0 + 25^1$	$= 16 + 25 + 29 + 250 + 251$	$571 := 2^3 + 4^4 + 9^2 + 15^2 + 26^0$	$= 23 + 44 + 92 + 152 + 260$
$571 := 1^6 + 4^0 + 4^2 + 23^2 + 24^1$	$= 16 + 40 + 42 + 232 + 241$	$571 := 2^4 + 2^4 + 9^1 + 20^0 + 23^2$	$= 24 + 24 + 91 + 200 + 232$

$571 := 2^4 + 4^3 + 7^2 + 21^2 + 22^0 = 24 + 43 + 72 + 212 + 220$	$571 := 2^6 + 6^3 + 10^0 + 17^2 + 21^0 = 26 + 63 + 100 + 172 + 210$
$571 := 2^4 + 4^4 + 9^1 + 17^2 + 24^0 = 24 + 44 + 91 + 172 + 240$	$571 := 2^6 + 6^3 + 11^0 + 17^2 + 20^0 = 26 + 63 + 110 + 172 + 200$
$571 := 2^4 + 6^3 + 13^2 + 13^2 + 22^0 = 24 + 63 + 132 + 132 + 220$	$571 := 2^6 + 6^3 + 12^0 + 17^2 + 19^0 = 26 + 63 + 120 + 172 + 190$
$571 := 2^4 + 6^3 + 7^2 + 17^2 + 24^0 = 24 + 63 + 72 + 172 + 240$	$571 := 2^6 + 6^3 + 13^0 + 17^2 + 18^0 = 26 + 63 + 130 + 172 + 180$
$571 := 2^5 + 12^2 + 13^2 + 14^0 + 15^2 = 25 + 122 + 132 + 140 + 152$	$571 := 2^6 + 6^3 + 14^0 + 17^0 + 17^2 = 26 + 63 + 140 + 170 + 172$
$571 := 2^5 + 3^2 + 8^3 + 17^1 + 26^0 = 25 + 32 + 83 + 171 + 260$	$571 := 2^6 + 6^3 + 15^0 + 16^0 + 17^2 = 26 + 63 + 150 + 160 + 172$
$571 := 2^5 + 4^2 + 9^2 + 20^0 + 21^2 = 25 + 42 + 92 + 200 + 212$	$571 := 2^6 + 6^3 + 7^0 + 17^2 + 24^0 = 26 + 63 + 70 + 172 + 240$
$571 := 2^5 + 5^3 + 13^1 + 16^0 + 20^2 = 25 + 53 + 131 + 160 + 202$	$571 := 2^6 + 6^3 + 8^0 + 17^2 + 23^0 = 26 + 63 + 80 + 172 + 230$
$571 := 2^5 + 7^3 + 8^0 + 13^2 + 26^1 = 25 + 73 + 80 + 132 + 261$	$571 := 2^6 + 6^3 + 9^0 + 17^2 + 22^0 = 26 + 63 + 90 + 172 + 220$
$571 := 2^6 + 10^0 + 13^1 + 13^2 + 18^2 = 26 + 100 + 131 + 132 + 182$	$571 := 2^6 + 7^2 + 10^0 + 16^1 + 21^2 = 26 + 72 + 100 + 161 + 212$
$571 := 2^6 + 3^0 + 4^3 + 21^2 + 26^0 = 26 + 30 + 43 + 212 + 260$	$571 := 2^8 + 3^0 + 10^0 + 17^2 + 24^1 = 28 + 30 + 100 + 172 + 241$
$571 := 2^6 + 3^2 + 13^1 + 16^0 + 22^2 = 26 + 32 + 131 + 160 + 222$	$571 := 2^8 + 4^0 + 9^0 + 17^2 + 24^1 = 28 + 40 + 90 + 172 + 241$
$571 := 2^6 + 4^0 + 4^3 + 21^2 + 25^0 = 26 + 40 + 43 + 212 + 250$	$571 := 2^8 + 5^0 + 8^0 + 17^2 + 24^1 = 28 + 50 + 80 + 172 + 241$
$571 := 2^6 + 4^0 + 6^3 + 17^2 + 27^0 = 26 + 40 + 63 + 172 + 270$	$571 := 2^8 + 6^0 + 7^0 + 17^2 + 24^1 = 28 + 60 + 70 + 172 + 241$
$571 := 2^6 + 4^2 + 6^1 + 22^0 + 22^2 = 26 + 42 + 61 + 220 + 222$	$571 := 3^3 + 3^5 + 11^1 + 17^2 + 22^0 = 33 + 35 + 111 + 172 + 220$
$571 := 2^6 + 4^3 + 10^0 + 19^0 + 21^2 = 26 + 43 + 100 + 190 + 212$	$571 := 3^4 + 3^4 + 8^1 + 20^2 + 22^0 = 34 + 34 + 81 + 202 + 220$
$571 := 2^6 + 4^3 + 11^0 + 18^0 + 21^2 = 26 + 43 + 110 + 180 + 212$	$571 := 3^4 + 4^3 + 13^2 + 16^2 + 20^0 = 34 + 43 + 132 + 162 + 200$
$571 := 2^6 + 4^3 + 12^0 + 17^0 + 21^2 = 26 + 43 + 120 + 170 + 212$	$571 := 3^4 + 4^3 + 5^2 + 20^2 + 24^0 = 34 + 43 + 52 + 202 + 240$
$571 := 2^6 + 4^3 + 13^0 + 16^0 + 21^2 = 26 + 43 + 130 + 160 + 212$	$571 := 3^4 + 4^3 + 8^2 + 19^2 + 22^0 = 34 + 43 + 82 + 192 + 220$
$571 := 2^6 + 4^3 + 14^0 + 15^0 + 21^2 = 26 + 43 + 140 + 150 + 212$	$571 := 3^4 + 4^4 + 8^1 + 15^2 + 26^0 = 34 + 44 + 81 + 152 + 260$
$571 := 2^6 + 4^3 + 5^0 + 21^2 + 24^0 = 26 + 43 + 50 + 212 + 240$	$571 := 3^4 + 5^3 + 7^3 + 20^0 + 21^1 = 34 + 53 + 73 + 200 + 211$
$571 := 2^6 + 4^3 + 6^0 + 21^2 + 23^0 = 26 + 43 + 60 + 212 + 230$	$571 := 3^5 + 4^3 + 7^1 + 16^2 + 26^0 = 35 + 43 + 71 + 162 + 260$
$571 := 2^6 + 4^3 + 7^0 + 21^2 + 22^0 = 26 + 43 + 70 + 212 + 220$	$571 := 3^5 + 6^3 + 10^2 + 11^1 + 26^0 = 35 + 63 + 102 + 111 + 260$
$571 := 2^6 + 4^3 + 8^0 + 21^0 + 21^2 = 26 + 43 + 80 + 210 + 212$	$571 := 4^3 + 4^4 + 9^2 + 13^2 + 26^0 = 43 + 44 + 92 + 132 + 260$
$571 := 2^6 + 4^3 + 9^0 + 20^0 + 21^2 = 26 + 43 + 90 + 200 + 212$	$571 := 4^3 + 5^3 + 5^3 + 16^2 + 26^0 = 43 + 53 + 53 + 162 + 260$
$571 := 2^6 + 5^0 + 6^3 + 17^2 + 26^0 = 26 + 50 + 63 + 172 + 260$	$571 := 4^4 + 4^4 + 6^2 + 20^0 + 22^1 = 44 + 44 + 62 + 200 + 221$
$571 := 2^6 + 6^0 + 6^3 + 17^2 + 25^0 = 26 + 60 + 63 + 172 + 250$	
$571 := 2^6 + 6^1 + 10^2 + 18^0 + 20^2 = 26 + 61 + 102 + 180 + 202$	

2.2.473 Number 572

$572 := 2^9 + 3^2 + 51^1 = 29 + 32 + 511$	$572 := 2^9 + 5^2 + 15^0 + 34^1 = 29 + 52 + 150 + 341$
$572 := 1^0 + 2^9 + 3^2 + 50^1 = 10 + 29 + 32 + 501$	$572 := 2^9 + 6^2 + 23^1 + 25^0 = 29 + 62 + 231 + 250$
$572 := 1^6 + 4^2 + 8^3 + 43^1 = 16 + 42 + 83 + 431$	$572 := 2^9 + 7^2 + 10^1 + 37^0 = 29 + 72 + 101 + 370$
$572 := 1^6 + 6^3 + 18^2 + 31^1 = 16 + 63 + 182 + 311$	$572 := 1^0 + 1^7 + 15^2 + 18^2 + 21^1 = 10 + 17 + 152 + 182 + 211$
$572 := 1^7 + 15^2 + 18^2 + 22^1 = 17 + 152 + 182 + 221$	$572 := 1^0 + 1^8 + 13^2 + 20^2 + 21^0 = 10 + 18 + 132 + 202 + 210$
$572 := 2^7 + 7^3 + 10^2 + 37^0 = 27 + 73 + 102 + 370$	$572 := 1^0 + 2^9 + 6^2 + 22^1 + 25^0 = 10 + 29 + 62 + 221 + 250$
$572 := 2^9 + 3^2 + 51^1 = 29 + 32 + 511$	$572 := 1^1 + 1^6 + 15^2 + 18^2 + 21^1 = 11 + 16 + 152 + 182 + 211$
$572 := 2^9 + 4^2 + 7^0 + 43^1 = 29 + 42 + 70 + 431$	$572 := 1^1 + 1^7 + 13^2 + 20^2 + 21^0 = 11 + 17 + 132 + 202 + 210$

$$\begin{aligned} 572 &:= 1^1 + 2^6 + 14^2 + 17^2 + 22^1 = 11 + 26 + 142 + 172 + 221 & 572 &:= 1^5 + 4^2 + 7^2 + 22^1 + 22^2 = 15 + 42 + 72 + 221 + 222 \\ 572 &:= 1^1 + 2^7 + 9^2 + 19^2 + 25^0 = 11 + 27 + 92 + 192 + 250 & 572 &:= 1^5 + 4^2 + 8^3 + 16^1 + 27^1 = 15 + 42 + 83 + 161 + 271 \\ 572 &:= 1^1 + 2^8 + 11^0 + 17^2 + 25^1 = 11 + 28 + 110 + 172 + 251 & 572 &:= 1^5 + 4^2 + 8^3 + 17^1 + 26^1 = 15 + 42 + 83 + 171 + 261 \\ 572 &:= 1^2 + 1^5 + 15^2 + 18^2 + 21^1 = 12 + 15 + 152 + 182 + 211 & 572 &:= 1^5 + 4^2 + 8^3 + 18^1 + 25^1 = 15 + 42 + 83 + 181 + 251 \\ 572 &:= 1^2 + 1^6 + 13^2 + 20^2 + 21^0 = 12 + 16 + 132 + 202 + 210 & 572 &:= 1^5 + 4^2 + 8^3 + 19^1 + 24^1 = 15 + 42 + 83 + 191 + 241 \\ 572 &:= 1^3 + 1^4 + 15^2 + 18^2 + 21^1 = 13 + 14 + 152 + 182 + 211 & 572 &:= 1^5 + 4^2 + 8^3 + 20^1 + 23^1 = 15 + 42 + 83 + 201 + 231 \\ 572 &:= 1^3 + 1^5 + 13^2 + 20^2 + 21^0 = 13 + 15 + 132 + 202 + 210 & 572 &:= 1^5 + 4^2 + 8^3 + 21^1 + 22^1 = 15 + 42 + 83 + 211 + 221 \\ 572 &:= 1^3 + 2^5 + 3^2 + 23^2 + 27^0 = 13 + 25 + 32 + 232 + 270 & 572 &:= 1^5 + 4^4 + 9^0 + 17^2 + 25^1 = 15 + 44 + 90 + 172 + 251 \\ 572 &:= 1^3 + 2^5 + 8^3 + 19^0 + 26^1 = 13 + 25 + 83 + 190 + 261 & 572 &:= 1^5 + 5^1 + 6^3 + 18^2 + 26^1 = 15 + 51 + 63 + 182 + 261 \\ 572 &:= 1^3 + 2^6 + 9^0 + 22^1 + 22^2 = 13 + 26 + 90 + 221 + 222 & 572 &:= 1^5 + 5^3 + 11^2 + 18^2 + 21^0 = 15 + 53 + 112 + 182 + 210 \\ 572 &:= 1^3 + 2^7 + 10^0 + 21^2 + 22^0 = 13 + 27 + 100 + 212 + 220 & 572 &:= 1^5 + 6^1 + 6^3 + 18^2 + 25^1 = 15 + 61 + 63 + 182 + 251 \\ 572 &:= 1^3 + 2^7 + 11^0 + 21^0 + 21^2 = 13 + 27 + 110 + 210 + 212 & 572 &:= 1^5 + 6^3 + 10^1 + 18^2 + 21^1 = 15 + 63 + 101 + 182 + 211 \\ 572 &:= 1^3 + 2^7 + 12^0 + 20^0 + 21^2 = 13 + 27 + 120 + 200 + 212 & 572 &:= 1^5 + 6^3 + 11^1 + 18^2 + 20^1 = 15 + 63 + 111 + 182 + 201 \\ 572 &:= 1^3 + 2^7 + 13^0 + 19^0 + 21^2 = 13 + 27 + 130 + 190 + 212 & 572 &:= 1^5 + 6^3 + 12^1 + 18^2 + 19^1 = 15 + 63 + 121 + 182 + 191 \\ 572 &:= 1^3 + 2^7 + 14^0 + 18^0 + 21^2 = 13 + 27 + 140 + 180 + 212 & 572 &:= 1^5 + 6^3 + 13^1 + 18^1 + 18^2 = 15 + 63 + 131 + 181 + 182 \\ 572 &:= 1^3 + 2^7 + 15^0 + 17^0 + 21^2 = 13 + 27 + 150 + 170 + 212 & 572 &:= 1^5 + 6^3 + 14^1 + 17^1 + 18^2 = 15 + 63 + 141 + 171 + 182 \\ 572 &:= 1^3 + 2^7 + 16^0 + 16^0 + 21^2 = 13 + 27 + 160 + 160 + 212 & 572 &:= 1^5 + 6^3 + 15^1 + 16^1 + 18^2 = 15 + 63 + 151 + 161 + 182 \\ 572 &:= 1^3 + 2^7 + 5^0 + 21^2 + 27^0 = 13 + 27 + 50 + 212 + 270 & 572 &:= 1^5 + 6^3 + 7^1 + 18^2 + 24^1 = 15 + 63 + 71 + 182 + 241 \\ 572 &:= 1^3 + 2^7 + 6^0 + 21^2 + 26^0 = 13 + 27 + 60 + 212 + 260 & 572 &:= 1^5 + 6^3 + 8^1 + 18^2 + 23^1 = 15 + 63 + 81 + 182 + 231 \\ 572 &:= 1^3 + 2^7 + 7^0 + 21^2 + 25^0 = 13 + 27 + 70 + 212 + 250 & 572 &:= 1^5 + 6^3 + 9^1 + 18^2 + 22^1 = 15 + 63 + 91 + 182 + 221 \\ 572 &:= 1^3 + 2^7 + 8^0 + 21^2 + 24^0 = 13 + 27 + 80 + 212 + 240 & 572 &:= 1^5 + 7^2 + 12^2 + 17^1 + 19^2 = 15 + 72 + 122 + 171 + 192 \\ 572 &:= 1^3 + 2^7 + 9^0 + 21^2 + 23^0 = 13 + 27 + 90 + 212 + 230 & 572 &:= 1^6 + 10^1 + 12^1 + 15^2 + 18^2 = 16 + 101 + 121 + 152 + 182 \\ 572 &:= 1^3 + 3^4 + 12^2 + 18^2 + 22^1 = 13 + 34 + 122 + 182 + 221 & 572 &:= 1^6 + 11^1 + 11^1 + 15^2 + 18^2 = 16 + 111 + 111 + 152 + 182 \\ 572 &:= 1^3 + 4^4 + 12^2 + 12^2 + 27^1 = 13 + 44 + 122 + 122 + 271 & 572 &:= 1^6 + 2^1 + 15^2 + 18^2 + 20^1 = 16 + 21 + 152 + 182 + 201 \\ 572 &:= 1^4 + 1^4 + 13^2 + 20^2 + 21^0 = 14 + 14 + 132 + 202 + 210 & 572 &:= 1^6 + 3^1 + 15^2 + 18^2 + 19^1 = 16 + 31 + 152 + 182 + 191 \\ 572 &:= 1^4 + 2^3 + 10^2 + 21^2 + 22^1 = 14 + 23 + 102 + 212 + 221 & 572 &:= 1^6 + 3^3 + 14^1 + 15^0 + 23^2 = 16 + 33 + 141 + 150 + 232 \\ 572 &:= 1^4 + 2^4 + 5^2 + 23^2 + 25^0 = 14 + 24 + 52 + 232 + 250 & 572 &:= 1^6 + 4^1 + 15^2 + 18^1 + 18^2 = 16 + 41 + 152 + 181 + 182 \\ 572 &:= 1^4 + 2^5 + 9^1 + 21^0 + 23^2 = 14 + 25 + 91 + 210 + 232 & 572 &:= 1^6 + 4^1 + 5^3 + 21^2 + 25^0 = 16 + 41 + 53 + 212 + 250 \\ 572 &:= 1^4 + 3^3 + 6^2 + 22^2 + 24^1 = 14 + 33 + 62 + 222 + 241 & 572 &:= 1^6 + 4^2 + 5^2 + 23^0 + 23^2 = 16 + 42 + 52 + 230 + 232 \\ 572 &:= 1^4 + 3^3 + 9^2 + 21^2 + 22^1 = 14 + 33 + 92 + 212 + 221 & 572 &:= 1^6 + 4^3 + 7^0 + 22^1 + 22^2 = 16 + 43 + 70 + 221 + 222 \\ 572 &:= 1^4 + 5^3 + 10^2 + 18^2 + 22^1 = 14 + 53 + 102 + 182 + 221 & 572 &:= 1^6 + 5^1 + 15^2 + 17^1 + 18^2 = 16 + 51 + 152 + 171 + 182 \\ 572 &:= 1^4 + 5^3 + 13^2 + 16^2 + 21^1 = 14 + 53 + 132 + 162 + 211 & 572 &:= 1^6 + 5^2 + 16^2 + 17^0 + 17^2 = 16 + 52 + 162 + 170 + 172 \\ 572 &:= 1^5 + 2^2 + 5^3 + 21^2 + 27^0 = 15 + 22 + 53 + 212 + 270 & 572 &:= 1^6 + 6^1 + 15^2 + 16^1 + 18^2 = 16 + 61 + 152 + 161 + 182 \\ 572 &:= 1^5 + 2^3 + 11^2 + 21^0 + 21^2 = 15 + 23 + 112 + 210 + 212 & 572 &:= 1^6 + 6^2 + 8^3 + 19^0 + 22^1 = 16 + 62 + 83 + 190 + 221 \\ 572 &:= 1^5 + 2^4 + 5^0 + 23^2 + 25^1 = 15 + 24 + 50 + 232 + 251 & 572 &:= 1^6 + 7^1 + 15^1 + 15^2 + 18^2 = 16 + 71 + 151 + 152 + 182 \\ 572 &:= 1^5 + 3^2 + 10^2 + 21^1 + 21^2 = 15 + 32 + 102 + 211 + 212 & 572 &:= 1^6 + 7^2 + 11^2 + 17^0 + 20^2 = 16 + 72 + 112 + 170 + 202 \\ 572 &:= 1^5 + 3^4 + 5^1 + 22^2 + 25^0 = 15 + 34 + 51 + 222 + 250 & 572 &:= 1^6 + 8^1 + 14^1 + 15^2 + 18^2 = 16 + 81 + 141 + 152 + 182 \\ 572 &:= 1^5 + 4^1 + 6^3 + 18^2 + 27^1 = 15 + 41 + 63 + 182 + 271 & 572 &:= 1^6 + 9^1 + 13^1 + 15^2 + 18^2 = 16 + 91 + 131 + 152 + 182 \end{aligned}$$

$$\begin{aligned}
 572 &:= 1^7 + 2^5 + 2^9 + 24^0 + 26^1 = 17 + 25 + 29 + 240 + 261 & 572 &:= 2^5 + 2^8 + 2^8 + 22^0 + 27^1 = 25 + 28 + 28 + 220 + 271 \\
 572 &:= 1^7 + 3^0 + 4^2 + 23^2 + 25^1 = 17 + 30 + 42 + 232 + 251 & 572 &:= 2^5 + 3^1 + 3^3 + 22^2 + 26^1 = 25 + 31 + 33 + 222 + 261 \\
 572 &:= 1^7 + 3^0 + 8^2 + 22^1 + 22^2 = 17 + 30 + 82 + 221 + 222 & 572 &:= 2^5 + 3^2 + 16^2 + 16^2 + 19^1 = 25 + 32 + 162 + 162 + 191 \\
 572 &:= 1^7 + 5^1 + 6^2 + 21^0 + 23^2 = 17 + 51 + 62 + 210 + 232 & 572 &:= 2^5 + 3^3 + 10^1 + 19^1 + 22^2 = 25 + 33 + 101 + 191 + 222 \\
 572 &:= 1^7 + 5^1 + 9^2 + 19^0 + 22^2 = 17 + 51 + 92 + 190 + 222 & 572 &:= 2^5 + 3^3 + 11^1 + 18^1 + 22^2 = 25 + 33 + 111 + 181 + 222 \\
 572 &:= 1^7 + 5^2 + 11^0 + 16^1 + 23^2 = 17 + 52 + 110 + 161 + 232 & 572 &:= 2^5 + 3^3 + 12^1 + 17^1 + 22^2 = 25 + 33 + 121 + 171 + 222 \\
 572 &:= 1^7 + 8^1 + 11^2 + 15^0 + 21^2 = 17 + 81 + 112 + 150 + 212 & 572 &:= 2^5 + 3^3 + 13^1 + 16^1 + 22^2 = 25 + 33 + 131 + 161 + 222 \\
 572 &:= 1^7 + 9^0 + 13^1 + 14^2 + 19^2 = 17 + 90 + 131 + 142 + 192 & 572 &:= 2^5 + 3^3 + 14^1 + 15^1 + 22^2 = 25 + 33 + 141 + 151 + 222 \\
 572 &:= 1^8 + 10^0 + 12^0 + 13^2 + 20^2 = 18 + 100 + 120 + 132 + 202 & 572 &:= 2^5 + 3^3 + 16^2 + 16^2 + 19^0 = 25 + 33 + 162 + 162 + 190 \\
 572 &:= 1^8 + 11^0 + 11^0 + 13^2 + 20^2 = 18 + 110 + 110 + 132 + 202 & 572 &:= 2^5 + 3^3 + 4^1 + 22^2 + 25^1 = 25 + 33 + 41 + 222 + 251 \\
 572 &:= 1^8 + 2^0 + 13^2 + 20^0 + 20^2 = 18 + 20 + 132 + 200 + 202 & 572 &:= 2^5 + 3^3 + 5^1 + 22^2 + 24^1 = 25 + 33 + 51 + 222 + 241 \\
 572 &:= 1^8 + 3^0 + 13^2 + 19^0 + 20^2 = 18 + 30 + 132 + 190 + 202 & 572 &:= 2^5 + 3^3 + 6^1 + 22^2 + 23^1 = 25 + 33 + 61 + 222 + 231 \\
 572 &:= 1^8 + 4^0 + 13^2 + 18^0 + 20^2 = 18 + 40 + 132 + 180 + 202 & 572 &:= 2^5 + 3^3 + 7^1 + 22^1 + 22^2 = 25 + 33 + 71 + 221 + 222 \\
 572 &:= 1^8 + 5^0 + 13^2 + 17^0 + 20^2 = 18 + 50 + 132 + 170 + 202 & 572 &:= 2^5 + 3^3 + 8^1 + 21^1 + 22^2 = 25 + 33 + 81 + 211 + 222 \\
 572 &:= 1^8 + 6^0 + 13^2 + 16^0 + 20^2 = 18 + 60 + 132 + 160 + 202 & 572 &:= 2^5 + 3^3 + 9^1 + 20^1 + 22^2 = 25 + 33 + 91 + 201 + 222 \\
 572 &:= 1^8 + 7^0 + 13^2 + 15^0 + 20^2 = 18 + 70 + 132 + 150 + 202 & 572 &:= 2^5 + 3^4 + 13^0 + 17^1 + 21^2 = 25 + 34 + 130 + 171 + 212 \\
 572 &:= 1^8 + 8^0 + 13^2 + 14^0 + 20^2 = 18 + 80 + 132 + 140 + 202 & 572 &:= 2^5 + 4^2 + 12^2 + 19^1 + 19^2 = 25 + 42 + 122 + 191 + 192 \\
 572 &:= 1^8 + 9^0 + 13^0 + 13^2 + 20^2 = 18 + 90 + 130 + 132 + 202 & 572 &:= 2^5 + 4^2 + 4^2 + 22^2 + 24^1 = 25 + 42 + 42 + 222 + 241 \\
 572 &:= 1^9 + 1^9 + 13^2 + 20^0 + 20^2 = 19 + 19 + 132 + 200 + 202 & 572 &:= 2^5 + 4^4 + 7^0 + 16^2 + 27^1 = 25 + 44 + 70 + 162 + 271 \\
 572 &:= 2^0 + 2^9 + 6^2 + 22^1 + 24^0 = 20 + 29 + 62 + 221 + 240 & 572 &:= 2^5 + 9^2 + 9^2 + 17^1 + 19^2 = 25 + 92 + 92 + 171 + 192 \\
 572 &:= 2^1 + 2^5 + 3^3 + 22^2 + 27^1 = 21 + 25 + 33 + 222 + 271 & 572 &:= 2^6 + 10^1 + 13^1 + 14^2 + 17^2 = 26 + 101 + 131 + 142 + 172 \\
 572 &:= 2^1 + 2^6 + 14^2 + 17^2 + 21^1 = 21 + 26 + 142 + 172 + 211 & 572 &:= 2^6 + 11^1 + 12^1 + 14^2 + 17^2 = 26 + 111 + 121 + 142 + 172 \\
 572 &:= 2^1 + 2^6 + 4^3 + 21^2 + 27^0 = 21 + 26 + 43 + 212 + 270 & 572 &:= 2^6 + 13^2 + 13^2 + 13^2 + 15^0 = 26 + 132 + 132 + 132 + 150 \\
 572 &:= 2^1 + 2^8 + 11^0 + 17^2 + 24^1 = 21 + 28 + 110 + 172 + 241 & 572 &:= 2^6 + 3^1 + 14^2 + 17^2 + 20^1 = 26 + 31 + 142 + 172 + 201 \\
 572 &:= 2^2 + 2^4 + 5^3 + 20^2 + 27^1 = 22 + 24 + 53 + 202 + 271 & 572 &:= 2^6 + 4^1 + 14^2 + 17^2 + 19^1 = 26 + 41 + 142 + 172 + 191 \\
 572 &:= 2^3 + 2^5 + 8^3 + 19^1 + 25^0 = 23 + 25 + 83 + 191 + 250 & 572 &:= 2^6 + 5^1 + 14^2 + 17^2 + 18^1 = 26 + 51 + 142 + 172 + 181 \\
 572 &:= 2^3 + 2^6 + 15^0 + 15^1 + 22^2 = 23 + 26 + 150 + 151 + 222 & 572 &:= 2^6 + 5^2 + 11^2 + 19^0 + 19^2 = 26 + 52 + 112 + 190 + 192 \\
 572 &:= 2^3 + 3^3 + 3^3 + 22^2 + 26^1 = 23 + 33 + 33 + 222 + 261 & 572 &:= 2^6 + 5^3 + 9^0 + 19^2 + 21^1 = 26 + 53 + 90 + 192 + 211 \\
 572 &:= 2^3 + 3^4 + 10^2 + 19^2 + 22^1 = 23 + 34 + 102 + 192 + 221 & 572 &:= 2^6 + 6^1 + 14^2 + 17^1 + 17^2 = 26 + 61 + 142 + 171 + 172 \\
 572 &:= 2^3 + 3^4 + 4^2 + 21^2 + 26^1 = 23 + 34 + 42 + 212 + 261 & 572 &:= 2^6 + 7^1 + 14^2 + 16^1 + 17^2 = 26 + 71 + 142 + 161 + 172 \\
 572 &:= 2^3 + 3^5 + 8^2 + 16^2 + 27^0 = 23 + 35 + 82 + 162 + 270 & 572 &:= 2^6 + 7^2 + 13^2 + 17^0 + 17^2 = 26 + 72 + 132 + 170 + 172 \\
 572 &:= 2^4 + 2^4 + 8^3 + 17^0 + 27^1 = 24 + 24 + 83 + 170 + 271 & 572 &:= 2^6 + 7^3 + 12^2 + 15^0 + 20^1 = 26 + 73 + 122 + 150 + 201 \\
 572 &:= 2^4 + 3^5 + 11^0 + 17^2 + 23^1 = 24 + 35 + 110 + 172 + 231 & 572 &:= 2^6 + 8^1 + 14^2 + 15^1 + 17^2 = 26 + 81 + 142 + 151 + 172 \\
 572 &:= 2^4 + 5^2 + 6^3 + 17^2 + 26^1 = 24 + 52 + 63 + 172 + 261 & 572 &:= 2^6 + 9^1 + 14^1 + 14^2 + 17^2 = 26 + 91 + 141 + 142 + 172 \\
 572 &:= 2^4 + 5^3 + 11^2 + 17^2 + 21^1 = 24 + 53 + 112 + 172 + 211 & 572 &:= 2^7 + 10^1 + 12^2 + 15^0 + 17^2 = 27 + 101 + 122 + 150 + 172 \\
 572 &:= 2^4 + 6^3 + 11^2 + 14^2 + 23^1 = 24 + 63 + 112 + 142 + 231 & 572 &:= 2^7 + 3^0 + 14^2 + 15^2 + 22^1 = 27 + 30 + 142 + 152 + 221 \\
 572 &:= 2^5 + 10^2 + 10^2 + 16^1 + 18^2 = 25 + 102 + 102 + 161 + 182 & 572 &:= 2^7 + 3^0 + 4^2 + 20^2 + 27^1 = 27 + 30 + 42 + 202 + 271 \\
 572 &:= 2^5 + 10^2 + 13^2 + 15^1 + 16^2 = 25 + 102 + 132 + 151 + 162 & 572 &:= 2^7 + 5^2 + 11^0 + 18^1 + 20^2 = 27 + 52 + 110 + 181 + 202
 \end{aligned}$$

$$\begin{aligned} 572 &:= 2^7 + 6^2 + 7^1 + 20^2 + 21^0 = 27 + 62 + 71 + 202 + 210 & 572 &:= 2^9 + 7^2 + 9^1 + 11^0 + 27^0 = 29 + 72 + 91 + 110 + 270 \\ 572 &:= 2^7 + 7^0 + 10^2 + 18^2 + 19^1 = 27 + 70 + 102 + 182 + 191 & 572 &:= 2^9 + 7^2 + 9^1 + 12^0 + 26^0 = 29 + 72 + 91 + 120 + 260 \\ 572 &:= 2^7 + 7^0 + 13^2 + 16^2 + 18^1 = 27 + 70 + 132 + 162 + 181 & 572 &:= 2^9 + 7^2 + 9^1 + 13^0 + 25^0 = 29 + 72 + 91 + 130 + 250 \\ 572 &:= 2^7 + 8^2 + 9^0 + 18^1 + 19^2 = 27 + 82 + 90 + 181 + 192 & 572 &:= 2^9 + 7^2 + 9^1 + 14^0 + 24^0 = 29 + 72 + 91 + 140 + 240 \\ 572 &:= 2^8 + 10^1 + 11^0 + 16^1 + 17^2 = 28 + 101 + 110 + 161 + 172 & 572 &:= 2^9 + 7^2 + 9^1 + 15^0 + 23^0 = 29 + 72 + 91 + 150 + 230 \\ 572 &:= 2^8 + 11^0 + 11^1 + 15^1 + 17^2 = 28 + 110 + 111 + 151 + 172 & 572 &:= 2^9 + 7^2 + 9^1 + 16^0 + 22^0 = 29 + 72 + 91 + 160 + 220 \\ 572 &:= 2^8 + 11^0 + 12^1 + 14^1 + 17^2 = 28 + 110 + 121 + 141 + 172 & 572 &:= 2^9 + 7^2 + 9^1 + 17^0 + 21^0 = 29 + 72 + 91 + 170 + 210 \\ 572 &:= 2^8 + 11^0 + 13^1 + 13^1 + 17^2 = 28 + 110 + 131 + 131 + 172 & 572 &:= 2^9 + 7^2 + 9^1 + 18^0 + 20^0 = 29 + 72 + 91 + 180 + 200 \\ 572 &:= 2^8 + 3^1 + 11^0 + 17^2 + 23^1 = 28 + 31 + 110 + 172 + 231 & 572 &:= 2^9 + 7^2 + 9^1 + 19^0 + 19^0 = 29 + 72 + 91 + 190 + 190 \\ 572 &:= 2^8 + 4^1 + 11^0 + 17^2 + 22^1 = 28 + 41 + 110 + 172 + 221 & 572 &:= 3^2 + 3^4 + 3^4 + 20^2 + 27^0 = 32 + 34 + 34 + 202 + 270 \\ 572 &:= 2^8 + 5^0 + 5^2 + 17^2 + 27^0 = 28 + 50 + 52 + 172 + 270 & 572 &:= 3^3 + 3^4 + 9^2 + 19^2 + 22^1 = 33 + 34 + 92 + 192 + 221 \\ 572 &:= 2^8 + 5^1 + 11^0 + 17^2 + 21^1 = 28 + 51 + 110 + 172 + 211 & 572 &:= 3^4 + 3^5 + 13^0 + 15^2 + 22^1 = 34 + 35 + 130 + 152 + 221 \\ 572 &:= 2^8 + 5^2 + 10^0 + 17^2 + 22^0 = 28 + 52 + 100 + 172 + 220 & 572 &:= 3^4 + 4^2 + 5^3 + 18^2 + 26^1 = 34 + 42 + 53 + 182 + 261 \\ 572 &:= 2^8 + 5^2 + 11^0 + 17^2 + 21^0 = 28 + 52 + 110 + 172 + 210 & 572 &:= 3^4 + 4^3 + 9^2 + 18^2 + 22^1 = 34 + 43 + 92 + 182 + 221 \\ 572 &:= 2^8 + 5^2 + 12^0 + 17^2 + 20^0 = 28 + 52 + 120 + 172 + 200 & 572 &:= 3^4 + 4^4 + 6^3 + 18^1 + 25^0 = 34 + 44 + 63 + 181 + 250 \\ 572 &:= 2^8 + 5^2 + 13^0 + 17^2 + 19^0 = 28 + 52 + 130 + 172 + 190 & 572 &:= 3^4 + 6^3 + 9^2 + 13^2 + 25^1 = 34 + 63 + 92 + 132 + 251 \\ 572 &:= 2^8 + 5^2 + 14^0 + 17^2 + 18^0 = 28 + 52 + 140 + 172 + 180 & 572 &:= 3^5 + 4^2 + 12^2 + 12^2 + 25^1 = 35 + 42 + 122 + 122 + 251 \\ 572 &:= 2^8 + 5^2 + 15^0 + 17^0 + 17^2 = 28 + 52 + 150 + 170 + 172 & 572 &:= 3^5 + 4^4 + 7^2 + 19^0 + 23^1 = 35 + 44 + 72 + 190 + 231 \\ 572 &:= 2^8 + 5^2 + 16^0 + 16^0 + 17^2 = 28 + 52 + 160 + 160 + 172 & 572 &:= 3^5 + 5^3 + 10^1 + 13^2 + 25^1 = 35 + 53 + 101 + 132 + 251 \\ 572 &:= 2^8 + 5^2 + 6^0 + 17^2 + 26^0 = 28 + 52 + 60 + 172 + 260 & 572 &:= 3^5 + 5^3 + 11^1 + 13^2 + 24^1 = 35 + 53 + 111 + 132 + 241 \\ 572 &:= 2^8 + 5^2 + 7^0 + 17^2 + 25^0 = 28 + 52 + 70 + 172 + 250 & 572 &:= 3^5 + 5^3 + 12^1 + 13^2 + 23^1 = 35 + 53 + 121 + 132 + 231 \\ 572 &:= 2^8 + 5^2 + 8^0 + 17^2 + 24^0 = 28 + 52 + 80 + 172 + 240 & 572 &:= 3^5 + 5^3 + 13^1 + 13^2 + 22^1 = 35 + 53 + 131 + 132 + 221 \\ 572 &:= 2^8 + 5^2 + 9^0 + 17^2 + 23^0 = 28 + 52 + 90 + 172 + 230 & 572 &:= 3^5 + 5^3 + 13^2 + 14^1 + 21^1 = 35 + 53 + 132 + 141 + 211 \\ 572 &:= 2^8 + 6^1 + 11^0 + 17^2 + 20^1 = 28 + 61 + 110 + 172 + 201 & 572 &:= 3^5 + 5^3 + 13^2 + 15^1 + 20^1 = 35 + 53 + 132 + 151 + 201 \\ 572 &:= 2^8 + 7^1 + 11^0 + 17^2 + 19^1 = 28 + 71 + 110 + 172 + 191 & 572 &:= 3^5 + 5^3 + 13^2 + 16^1 + 19^1 = 35 + 53 + 132 + 161 + 191 \\ 572 &:= 2^8 + 8^1 + 11^0 + 17^2 + 18^1 = 28 + 81 + 110 + 172 + 181 & 572 &:= 3^5 + 5^3 + 13^2 + 17^1 + 18^1 = 35 + 53 + 132 + 171 + 181 \\ 572 &:= 2^8 + 9^1 + 11^0 + 17^1 + 17^2 = 28 + 91 + 110 + 171 + 172 & 572 &:= 3^5 + 5^3 + 8^1 + 13^2 + 27^1 = 35 + 53 + 81 + 132 + 271 \\ 572 &:= 2^9 + 3^0 + 6^2 + 22^1 + 23^0 = 29 + 30 + 62 + 221 + 230 & 572 &:= 3^5 + 5^3 + 9^1 + 13^2 + 26^1 = 35 + 53 + 91 + 132 + 261 \\ 572 &:= 2^9 + 4^0 + 6^2 + 22^0 + 22^1 = 29 + 40 + 62 + 220 + 221 & 572 &:= 3^5 + 6^2 + 10^2 + 13^2 + 24^1 = 35 + 62 + 102 + 132 + 241 \\ 572 &:= 2^9 + 5^0 + 6^2 + 21^0 + 22^1 = 29 + 50 + 62 + 210 + 221 & 572 &:= 3^5 + 8^2 + 11^2 + 11^2 + 23^1 = 35 + 82 + 112 + 112 + 231 \\ 572 &:= 2^9 + 6^0 + 6^2 + 20^0 + 22^1 = 29 + 60 + 62 + 200 + 221 & 572 &:= 3^5 + 9^2 + 9^2 + 12^2 + 23^1 = 35 + 92 + 92 + 122 + 231 \\ 572 &:= 2^9 + 6^2 + 10^0 + 16^0 + 22^1 = 29 + 62 + 100 + 160 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 17^1 + 27^1 = 42 + 44 + 44 + 171 + 271 \\ 572 &:= 2^9 + 6^2 + 11^0 + 15^0 + 22^1 = 29 + 62 + 110 + 150 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 18^1 + 26^1 = 42 + 44 + 44 + 181 + 261 \\ 572 &:= 2^9 + 6^2 + 12^0 + 14^0 + 22^1 = 29 + 62 + 120 + 140 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 19^1 + 25^1 = 42 + 44 + 44 + 191 + 251 \\ 572 &:= 2^9 + 6^2 + 13^0 + 13^0 + 22^1 = 29 + 62 + 130 + 130 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 20^1 + 24^1 = 42 + 44 + 44 + 201 + 241 \\ 572 &:= 2^9 + 6^2 + 7^0 + 19^0 + 22^1 = 29 + 62 + 70 + 190 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 21^1 + 23^1 = 42 + 44 + 44 + 211 + 231 \\ 572 &:= 2^9 + 6^2 + 8^0 + 18^0 + 22^1 = 29 + 62 + 80 + 180 + 221 & 572 &:= 4^2 + 4^4 + 4^4 + 22^1 + 22^1 = 42 + 44 + 44 + 221 + 221 \\ 572 &:= 2^9 + 6^2 + 9^0 + 17^0 + 22^1 = 29 + 62 + 90 + 170 + 221 & 572 &:= 4^3 + 4^4 + 9^2 + 12^2 + 27^1 = 43 + 44 + 92 + 122 + 271 \end{aligned}$$

2.2.474 Number 573

$573 := 2^8 + 3^3 + 17^2 + 34^0$	$= 28 + 33 + 172 + 340$	$573 := 2^4 + 2^6 + 8^1 + 22^0 + 22^2$	$= 24 + 26 + 81 + 220 + 222$
$573 := 2^8 + 6^3 + 10^2 + 38^0$	$= 28 + 63 + 102 + 380$	$573 := 2^4 + 3^5 + 12^2 + 13^2 + 26^0$	$= 24 + 35 + 122 + 132 + 260$
$573 := 2^9 + 3^3 + 18^0 + 33^1$	$= 29 + 33 + 180 + 331$	$573 := 2^5 + 2^5 + 6^0 + 22^2 + 24^1$	$= 25 + 25 + 60 + 222 + 241$
$573 := 1^1 + 2^9 + 6^2 + 23^1 + 24^0$	$= 11 + 29 + 62 + 231 + 240$	$573 := 2^5 + 3^5 + 8^1 + 17^2 + 26^0$	$= 25 + 35 + 81 + 172 + 260$
$573 := 1^2 + 2^8 + 10^0 + 17^2 + 26^1$	$= 12 + 28 + 100 + 172 + 261$	$573 := 2^6 + 3^3 + 15^2 + 16^2 + 20^0$	$= 26 + 33 + 152 + 162 + 200$
$573 := 1^4 + 2^5 + 8^3 + 18^0 + 27^1$	$= 14 + 25 + 83 + 180 + 271$	$573 := 2^6 + 3^3 + 9^2 + 20^2 + 22^0$	$= 26 + 33 + 92 + 202 + 220$
$573 := 1^4 + 2^6 + 8^0 + 22^2 + 23^1$	$= 14 + 26 + 80 + 222 + 231$	$573 := 2^6 + 3^4 + 4^0 + 20^2 + 27^1$	$= 26 + 34 + 40 + 202 + 271$
$573 := 1^5 + 2^5 + 10^1 + 20^0 + 23^2$	$= 15 + 25 + 101 + 200 + 232$	$573 := 2^6 + 4^4 + 8^0 + 15^2 + 27^1$	$= 26 + 44 + 80 + 152 + 271$
$573 := 1^5 + 3^4 + 7^2 + 21^2 + 24^0$	$= 15 + 34 + 72 + 212 + 240$	$573 := 2^6 + 6^2 + 6^3 + 16^2 + 26^0$	$= 26 + 62 + 63 + 162 + 260$
$573 := 1^6 + 2^4 + 4^0 + 23^2 + 26^1$	$= 16 + 24 + 40 + 232 + 261$	$573 := 2^7 + 3^3 + 14^0 + 17^1 + 20^2$	$= 27 + 33 + 140 + 171 + 202$
$573 := 1^6 + 3^3 + 12^2 + 20^0 + 20^2$	$= 16 + 33 + 122 + 200 + 202$	$573 := 2^7 + 4^3 + 12^0 + 19^1 + 19^2$	$= 27 + 43 + 120 + 191 + 192$
$573 := 1^6 + 3^4 + 6^1 + 22^2 + 24^0$	$= 16 + 34 + 61 + 222 + 240$	$573 := 2^7 + 7^3 + 9^2 + 18^0 + 20^1$	$= 27 + 73 + 92 + 180 + 201$
$573 := 1^6 + 4^4 + 8^0 + 17^2 + 26^1$	$= 16 + 44 + 80 + 172 + 261$	$573 := 2^8 + 10^0 + 10^2 + 14^2 + 20^1$	$= 28 + 100 + 102 + 142 + 201$
$573 := 1^7 + 11^2 + 14^0 + 15^2 + 15^2$	$= 17 + 112 + 140 + 152 + 152$	$573 := 2^8 + 3^1 + 12^2 + 13^2 + 26^0$	$= 28 + 31 + 122 + 132 + 260$
$573 := 1^7 + 3^2 + 11^2 + 20^0 + 21^2$	$= 17 + 32 + 112 + 200 + 212$	$573 := 2^8 + 3^2 + 16^0 + 17^2 + 18^1$	$= 28 + 32 + 160 + 172 + 181$
$573 := 1^7 + 3^3 + 14^0 + 15^1 + 23^2$	$= 17 + 33 + 140 + 151 + 232$	$573 := 2^8 + 4^0 + 11^2 + 13^2 + 26^1$	$= 28 + 40 + 112 + 132 + 261$
$573 := 1^7 + 4^3 + 6^0 + 22^2 + 23^1$	$= 17 + 43 + 60 + 222 + 231$	$573 := 2^8 + 4^0 + 8^2 + 15^2 + 27^1$	$= 28 + 40 + 82 + 152 + 271$
$573 := 1^7 + 5^1 + 5^3 + 21^2 + 24^0$	$= 17 + 51 + 53 + 212 + 240$	$573 := 2^8 + 4^2 + 11^1 + 17^2 + 22^0$	$= 28 + 42 + 111 + 172 + 220$
$573 := 1^7 + 6^2 + 8^3 + 18^0 + 23^1$	$= 17 + 62 + 83 + 180 + 231$	$573 := 2^8 + 6^2 + 8^0 + 16^2 + 24^1$	$= 28 + 62 + 80 + 162 + 241$
$573 := 1^7 + 7^2 + 9^2 + 18^0 + 21^2$	$= 17 + 72 + 92 + 180 + 212$	$573 := 2^8 + 7^2 + 11^1 + 16^2 + 20^0$	$= 28 + 72 + 111 + 162 + 200$
$573 := 1^8 + 2^0 + 4^2 + 23^2 + 26^1$	$= 18 + 20 + 42 + 232 + 261$	$573 := 2^8 + 9^2 + 10^1 + 15^2 + 20^0$	$= 28 + 92 + 101 + 152 + 200$
$573 := 1^8 + 2^0 + 8^2 + 22^2 + 23^1$	$= 18 + 20 + 82 + 222 + 231$	$573 := 2^9 + 3^1 + 6^2 + 21^1 + 24^0$	$= 29 + 31 + 62 + 211 + 240$
$573 := 1^8 + 2^1 + 13^2 + 20^0 + 20^2$	$= 18 + 21 + 132 + 200 + 202$	$573 := 2^9 + 4^1 + 6^2 + 20^1 + 24^0$	$= 29 + 41 + 62 + 201 + 240$
$573 := 1^8 + 2^5 + 2^9 + 23^0 + 27^1$	$= 18 + 25 + 29 + 230 + 271$	$573 := 2^9 + 4^2 + 6^0 + 17^1 + 27^1$	$= 29 + 42 + 60 + 171 + 271$
$573 := 1^8 + 5^2 + 10^0 + 17^1 + 23^2$	$= 18 + 52 + 100 + 171 + 232$	$573 := 2^9 + 4^2 + 6^0 + 18^1 + 26^1$	$= 29 + 42 + 60 + 181 + 261$
$573 := 1^8 + 6^1 + 6^2 + 20^0 + 23^2$	$= 18 + 61 + 62 + 200 + 232$	$573 := 2^9 + 4^2 + 6^0 + 19^1 + 25^1$	$= 29 + 42 + 60 + 191 + 251$
$573 := 1^8 + 6^1 + 9^2 + 18^0 + 22^2$	$= 18 + 61 + 92 + 180 + 222$	$573 := 2^9 + 4^2 + 6^0 + 20^1 + 24^1$	$= 29 + 42 + 60 + 201 + 241$
$573 := 1^8 + 8^0 + 14^1 + 14^2 + 19^2$	$= 18 + 80 + 141 + 142 + 192$	$573 := 2^9 + 4^2 + 6^0 + 21^1 + 23^1$	$= 29 + 42 + 60 + 211 + 231$
$573 := 1^8 + 9^1 + 11^2 + 14^0 + 21^2$	$= 18 + 91 + 112 + 140 + 212$	$573 := 2^9 + 4^2 + 6^0 + 22^1 + 22^1$	$= 29 + 42 + 60 + 221 + 221$
$573 := 1^9 + 1^9 + 4^2 + 23^2 + 26^1$	$= 19 + 19 + 42 + 232 + 261$	$573 := 2^9 + 5^1 + 6^2 + 19^1 + 24^0$	$= 29 + 51 + 62 + 191 + 240$
$573 := 1^9 + 1^9 + 8^2 + 22^2 + 23^1$	$= 19 + 19 + 82 + 222 + 231$	$573 := 2^9 + 5^2 + 10^1 + 14^0 + 25^1$	$= 29 + 52 + 101 + 140 + 251$
$573 := 2^1 + 2^9 + 6^2 + 22^1 + 24^0$	$= 21 + 29 + 62 + 221 + 240$	$573 := 2^9 + 5^2 + 11^1 + 14^0 + 24^1$	$= 29 + 52 + 111 + 140 + 241$
$573 := 2^2 + 2^8 + 12^0 + 17^2 + 23^1$	$= 22 + 28 + 120 + 172 + 231$	$573 := 2^9 + 5^2 + 12^1 + 14^0 + 23^1$	$= 29 + 52 + 121 + 140 + 231$
$573 := 2^3 + 2^6 + 10^2 + 20^2 + 22^0$	$= 23 + 26 + 102 + 202 + 220$	$573 := 2^9 + 5^2 + 13^1 + 14^0 + 22^1$	$= 29 + 52 + 131 + 140 + 221$
$573 := 2^3 + 2^6 + 4^2 + 22^2 + 26^0$	$= 23 + 26 + 42 + 222 + 260$	$573 := 2^9 + 5^2 + 14^0 + 14^1 + 21^1$	$= 29 + 52 + 140 + 141 + 211$

$$\begin{aligned}
 573 &:= 2^9 + 5^2 + 14^0 + 15^1 + 20^1 = 29 + 52 + 140 + 151 + 201 \\
 573 &:= 2^9 + 5^2 + 14^0 + 16^1 + 19^1 = 29 + 52 + 140 + 161 + 191 \\
 573 &:= 2^9 + 5^2 + 14^0 + 17^1 + 18^1 = 29 + 52 + 140 + 171 + 181 \\
 573 &:= 2^9 + 5^2 + 8^1 + 14^0 + 27^1 = 29 + 52 + 81 + 140 + 271 \\
 573 &:= 2^9 + 5^2 + 9^1 + 14^0 + 26^1 = 29 + 52 + 91 + 140 + 261 \\
 573 &:= 2^9 + 6^1 + 6^2 + 18^1 + 24^0 = 29 + 61 + 62 + 181 + 240 \\
 573 &:= 2^9 + 6^2 + 10^1 + 14^1 + 24^0 = 29 + 62 + 101 + 141 + 240
 \end{aligned}$$

$$\begin{aligned}
 573 &:= 2^9 + 6^2 + 11^1 + 13^1 + 24^0 = 29 + 62 + 111 + 131 + 240 \\
 573 &:= 2^9 + 6^2 + 12^1 + 12^1 + 24^0 = 29 + 62 + 121 + 121 + 240 \\
 573 &:= 2^9 + 6^2 + 7^1 + 17^1 + 24^0 = 29 + 62 + 71 + 171 + 240 \\
 573 &:= 2^9 + 6^2 + 8^1 + 16^1 + 24^0 = 29 + 62 + 81 + 161 + 240 \\
 573 &:= 2^9 + 6^2 + 9^1 + 15^1 + 24^0 = 29 + 62 + 91 + 151 + 240 \\
 573 &:= 3^5 + 3^5 + 8^2 + 20^0 + 22^1 = 35 + 35 + 82 + 200 + 221
 \end{aligned}$$

2.2.475 Number 574

$$\begin{aligned}
 574 &:= 1^6 + 2^4 + 8^3 + 45^1 = 16 + 24 + 83 + 451 \\
 574 &:= 1^8 + 7^3 + 14^2 + 34^1 = 18 + 73 + 142 + 341 \\
 574 &:= 1^9 + 4^2 + 23^2 + 28^1 = 19 + 42 + 232 + 281 \\
 574 &:= 1^9 + 8^2 + 22^2 + 25^1 = 19 + 82 + 222 + 251 \\
 574 &:= 2^2 + 2^9 + 3^2 + 49^1 = 22 + 29 + 32 + 491 \\
 574 &:= 2^4 + 2^9 + 7^0 + 45^1 = 24 + 29 + 70 + 451 \\
 574 &:= 2^8 + 3^3 + 16^2 + 35^1 = 28 + 33 + 162 + 351 \\
 574 &:= 1^0 + 1^9 + 4^2 + 23^2 + 27^1 = 10 + 19 + 42 + 232 + 271 \\
 574 &:= 1^0 + 1^9 + 8^2 + 22^2 + 24^1 = 10 + 19 + 82 + 222 + 241 \\
 574 &:= 1^1 + 1^8 + 4^2 + 23^2 + 27^1 = 11 + 18 + 42 + 232 + 271 \\
 574 &:= 1^1 + 1^8 + 8^2 + 22^2 + 24^1 = 11 + 18 + 82 + 222 + 241 \\
 574 &:= 1^2 + 1^7 + 4^2 + 23^2 + 27^1 = 12 + 17 + 42 + 232 + 271 \\
 574 &:= 1^2 + 1^7 + 8^2 + 22^2 + 24^1 = 12 + 17 + 82 + 222 + 241 \\
 574 &:= 1^2 + 2^7 + 14^2 + 15^2 + 24^1 = 12 + 27 + 142 + 152 + 241 \\
 574 &:= 1^2 + 2^9 + 6^2 + 23^0 + 24^1 = 12 + 29 + 62 + 230 + 241 \\
 574 &:= 1^3 + 1^6 + 4^2 + 23^2 + 27^1 = 13 + 16 + 42 + 232 + 271 \\
 574 &:= 1^3 + 1^6 + 8^2 + 22^2 + 24^1 = 13 + 16 + 82 + 222 + 241 \\
 574 &:= 1^3 + 2^8 + 9^0 + 17^2 + 27^1 = 13 + 28 + 90 + 172 + 271 \\
 574 &:= 1^4 + 1^5 + 4^2 + 23^2 + 27^1 = 14 + 15 + 42 + 232 + 271 \\
 574 &:= 1^4 + 1^5 + 8^2 + 22^2 + 24^1 = 14 + 15 + 82 + 222 + 241 \\
 574 &:= 1^4 + 2^5 + 14^2 + 18^2 + 21^1 = 14 + 25 + 142 + 182 + 211 \\
 574 &:= 1^5 + 2^4 + 3^3 + 23^2 + 27^0 = 15 + 24 + 33 + 232 + 270 \\
 574 &:= 1^5 + 2^4 + 7^2 + 22^2 + 24^1 = 15 + 24 + 72 + 222 + 241 \\
 574 &:= 1^5 + 2^4 + 8^3 + 18^1 + 27^1 = 15 + 24 + 83 + 181 + 271 \\
 574 &:= 1^5 + 2^4 + 8^3 + 19^1 + 26^1 = 15 + 24 + 83 + 191 + 261 \\
 574 &:= 1^5 + 2^4 + 8^3 + 20^1 + 25^1 = 15 + 24 + 83 + 201 + 251 \\
 574 &:= 1^5 + 2^4 + 8^3 + 21^1 + 24^1 = 15 + 24 + 83 + 211 + 241 \\
 574 &:= 1^5 + 2^4 + 8^3 + 22^1 + 23^1 = 15 + 24 + 83 + 221 + 231
 \end{aligned}$$

$$\begin{aligned}
 574 &:= 1^5 + 2^6 + 7^0 + 22^2 + 24^1 = 15 + 26 + 70 + 222 + 241 \\
 574 &:= 1^5 + 3^4 + 5^2 + 21^2 + 26^1 = 15 + 34 + 52 + 212 + 261 \\
 574 &:= 1^5 + 4^4 + 11^2 + 13^2 + 27^1 = 15 + 44 + 112 + 132 + 271 \\
 574 &:= 1^6 + 2^3 + 12^2 + 20^2 + 21^1 = 16 + 23 + 122 + 202 + 211 \\
 574 &:= 1^6 + 2^3 + 16^2 + 17^2 + 20^1 = 16 + 23 + 162 + 172 + 201 \\
 574 &:= 1^6 + 2^3 + 3^2 + 23^2 + 27^1 = 16 + 23 + 32 + 232 + 271 \\
 574 &:= 1^6 + 2^5 + 11^1 + 19^0 + 23^2 = 16 + 25 + 111 + 190 + 232 \\
 574 &:= 1^6 + 5^3 + 8^2 + 19^2 + 23^1 = 16 + 53 + 82 + 192 + 231 \\
 574 &:= 1^7 + 10^2 + 13^2 + 15^1 + 17^2 = 17 + 102 + 132 + 151 + 172 \\
 574 &:= 1^7 + 2^2 + 15^2 + 18^2 + 20^1 = 17 + 22 + 152 + 182 + 201 \\
 574 &:= 1^7 + 2^4 + 3^0 + 23^2 + 27^1 = 17 + 24 + 30 + 232 + 271 \\
 574 &:= 1^7 + 3^2 + 12^2 + 20^1 + 20^2 = 17 + 32 + 122 + 201 + 202 \\
 574 &:= 1^7 + 3^2 + 16^2 + 17^2 + 19^1 = 17 + 32 + 162 + 172 + 191 \\
 574 &:= 1^7 + 3^2 + 3^2 + 23^2 + 26^1 = 17 + 32 + 32 + 232 + 261 \\
 574 &:= 1^7 + 3^3 + 16^2 + 17^2 + 19^0 = 17 + 33 + 162 + 172 + 190 \\
 574 &:= 1^7 + 3^3 + 4^2 + 23^2 + 25^0 = 17 + 33 + 42 + 232 + 250 \\
 574 &:= 1^7 + 3^4 + 7^1 + 22^2 + 23^0 = 17 + 34 + 71 + 222 + 230 \\
 574 &:= 1^7 + 4^4 + 7^0 + 17^2 + 27^1 = 17 + 44 + 70 + 172 + 271 \\
 574 &:= 1^7 + 5^2 + 13^2 + 18^1 + 19^2 = 17 + 52 + 132 + 181 + 192 \\
 574 &:= 1^7 + 6^2 + 14^2 + 17^1 + 18^2 = 17 + 62 + 142 + 171 + 182 \\
 574 &:= 1^7 + 6^3 + 10^2 + 16^2 + 23^0 = 17 + 63 + 102 + 162 + 230 \\
 574 &:= 1^7 + 7^1 + 7^3 + 14^2 + 27^1 = 17 + 71 + 73 + 142 + 271 \\
 574 &:= 1^7 + 7^2 + 8^2 + 19^1 + 21^2 = 17 + 72 + 82 + 191 + 212 \\
 574 &:= 1^7 + 7^3 + 10^1 + 14^2 + 24^1 = 17 + 73 + 101 + 142 + 241 \\
 574 &:= 1^7 + 7^3 + 11^1 + 14^2 + 23^1 = 17 + 73 + 111 + 142 + 231 \\
 574 &:= 1^7 + 7^3 + 12^1 + 14^2 + 22^1 = 17 + 73 + 121 + 142 + 221 \\
 574 &:= 1^7 + 7^3 + 13^1 + 14^2 + 21^1 = 17 + 73 + 131 + 142 + 211 \\
 574 &:= 1^7 + 7^3 + 14^1 + 14^2 + 20^1 = 17 + 73 + 141 + 142 + 201
 \end{aligned}$$

$$\begin{aligned} 574 &:= 1^7 + 7^3 + 14^2 + 15^1 + 19^1 = 17 + 73 + 142 + 151 + 191 \\ 574 &:= 1^7 + 7^3 + 14^2 + 16^1 + 18^1 = 17 + 73 + 142 + 161 + 181 \\ 574 &:= 1^7 + 7^3 + 14^2 + 17^1 + 17^1 = 17 + 73 + 142 + 171 + 171 \\ 574 &:= 1^7 + 7^3 + 8^1 + 14^2 + 26^1 = 17 + 73 + 81 + 142 + 261 \\ 574 &:= 1^7 + 7^3 + 9^1 + 14^2 + 25^1 = 17 + 73 + 91 + 142 + 251 \\ 574 &:= 1^7 + 8^2 + 13^2 + 16^1 + 18^2 = 17 + 82 + 132 + 161 + 182 \\ 574 &:= 1^8 + 2^1 + 4^2 + 23^2 + 26^1 = 18 + 21 + 42 + 232 + 261 \\ 574 &:= 1^8 + 2^1 + 8^2 + 22^2 + 23^1 = 18 + 21 + 82 + 222 + 231 \\ 574 &:= 1^8 + 3^1 + 4^2 + 23^2 + 25^1 = 18 + 31 + 42 + 232 + 251 \\ 574 &:= 1^8 + 3^1 + 8^2 + 22^1 + 22^2 = 18 + 31 + 82 + 221 + 222 \\ 574 &:= 1^8 + 3^3 + 13^0 + 16^1 + 23^2 = 18 + 33 + 130 + 161 + 232 \\ 574 &:= 1^8 + 4^1 + 4^2 + 23^2 + 24^1 = 18 + 41 + 42 + 232 + 241 \\ 574 &:= 1^8 + 4^1 + 8^2 + 21^1 + 22^2 = 18 + 41 + 82 + 211 + 222 \\ 574 &:= 1^8 + 4^2 + 10^1 + 18^1 + 23^2 = 18 + 42 + 101 + 181 + 232 \\ 574 &:= 1^8 + 4^2 + 11^1 + 17^1 + 23^2 = 18 + 42 + 111 + 171 + 232 \\ 574 &:= 1^8 + 4^2 + 12^1 + 16^1 + 23^2 = 18 + 42 + 121 + 161 + 232 \\ 574 &:= 1^8 + 4^2 + 13^1 + 15^1 + 23^2 = 18 + 42 + 131 + 151 + 232 \\ 574 &:= 1^8 + 4^2 + 14^1 + 14^1 + 23^2 = 18 + 42 + 141 + 141 + 232 \\ 574 &:= 1^8 + 4^2 + 5^1 + 23^1 + 23^2 = 18 + 42 + 51 + 231 + 232 \\ 574 &:= 1^8 + 4^2 + 6^1 + 22^1 + 23^2 = 18 + 42 + 61 + 221 + 232 \\ 574 &:= 1^8 + 4^2 + 7^1 + 21^1 + 23^2 = 18 + 42 + 71 + 211 + 232 \\ 574 &:= 1^8 + 4^2 + 8^1 + 20^1 + 23^2 = 18 + 42 + 81 + 201 + 232 \\ 574 &:= 1^8 + 4^2 + 9^1 + 19^1 + 23^2 = 18 + 42 + 91 + 191 + 232 \\ 574 &:= 1^8 + 4^3 + 5^0 + 22^2 + 24^1 = 18 + 43 + 50 + 222 + 241 \\ 574 &:= 1^8 + 5^1 + 8^2 + 20^1 + 22^2 = 18 + 51 + 82 + 201 + 222 \\ 574 &:= 1^8 + 5^3 + 6^1 + 21^2 + 23^0 = 18 + 53 + 61 + 212 + 230 \\ 574 &:= 1^8 + 6^1 + 8^2 + 19^1 + 22^2 = 18 + 61 + 82 + 191 + 222 \\ 574 &:= 1^8 + 6^2 + 8^3 + 17^0 + 24^1 = 18 + 62 + 83 + 170 + 241 \\ 574 &:= 1^8 + 7^1 + 8^2 + 18^1 + 22^2 = 18 + 71 + 82 + 181 + 222 \\ 574 &:= 1^8 + 8^1 + 8^2 + 17^1 + 22^2 = 18 + 81 + 82 + 171 + 222 \\ 574 &:= 1^8 + 8^2 + 10^1 + 15^1 + 22^2 = 18 + 82 + 101 + 151 + 222 \\ 574 &:= 1^8 + 8^2 + 11^1 + 14^1 + 22^2 = 18 + 82 + 111 + 141 + 222 \\ 574 &:= 1^8 + 8^2 + 12^1 + 13^1 + 22^2 = 18 + 82 + 121 + 131 + 222 \\ 574 &:= 1^8 + 8^2 + 9^1 + 16^1 + 22^2 = 18 + 82 + 91 + 161 + 222 \\ 574 &:= 1^9 + 10^1 + 11^2 + 13^0 + 21^2 = 19 + 101 + 112 + 130 + 212 \\ 574 &:= 1^9 + 3^1 + 13^2 + 19^0 + 20^2 = 19 + 31 + 132 + 190 + 202 \\ 574 &:= 1^9 + 5^2 + 9^0 + 18^1 + 23^2 = 19 + 52 + 90 + 181 + 232 \\ 574 &:= 1^9 + 6^2 + 7^1 + 19^0 + 23^2 = 19 + 62 + 71 + 190 + 232 \end{aligned}$$

$$\begin{aligned} 574 &:= 1^9 + 7^0 + 14^2 + 15^1 + 19^2 = 19 + 70 + 142 + 151 + 192 \\ 574 &:= 1^9 + 7^1 + 9^2 + 17^0 + 22^2 = 19 + 71 + 92 + 170 + 222 \\ 574 &:= 2^2 + 2^8 + 12^2 + 13^2 + 27^0 = 22 + 28 + 122 + 132 + 270 \\ 574 &:= 2^2 + 2^9 + 6^2 + 21^1 + 25^0 = 22 + 29 + 62 + 211 + 250 \\ 574 &:= 2^3 + 2^6 + 15^2 + 16^2 + 21^1 = 23 + 26 + 152 + 162 + 211 \\ 574 &:= 2^3 + 2^6 + 6^2 + 21^2 + 25^1 = 23 + 26 + 62 + 212 + 251 \\ 574 &:= 2^3 + 2^8 + 15^0 + 17^2 + 20^1 = 23 + 28 + 150 + 172 + 201 \\ 574 &:= 2^4 + 2^5 + 12^2 + 19^2 + 21^1 = 24 + 25 + 122 + 192 + 211 \\ 574 &:= 2^4 + 2^5 + 4^2 + 22^2 + 26^1 = 24 + 25 + 42 + 222 + 261 \\ 574 &:= 2^4 + 2^5 + 5^3 + 20^2 + 27^0 = 24 + 25 + 53 + 202 + 270 \\ 574 &:= 2^4 + 2^6 + 13^2 + 18^2 + 21^0 = 24 + 26 + 132 + 182 + 210 \\ 574 &:= 2^4 + 2^6 + 3^2 + 22^2 + 27^0 = 24 + 26 + 32 + 222 + 270 \\ 574 &:= 2^4 + 3^5 + 12^2 + 12^2 + 27^1 = 24 + 35 + 122 + 122 + 271 \\ 574 &:= 2^4 + 4^4 + 4^4 + 19^1 + 27^1 = 24 + 44 + 44 + 191 + 271 \\ 574 &:= 2^4 + 4^4 + 4^4 + 20^1 + 26^1 = 24 + 44 + 44 + 201 + 261 \\ 574 &:= 2^4 + 4^4 + 4^4 + 21^1 + 25^1 = 24 + 44 + 44 + 211 + 251 \\ 574 &:= 2^4 + 4^4 + 4^4 + 22^1 + 24^1 = 24 + 44 + 44 + 221 + 241 \\ 574 &:= 2^4 + 4^4 + 4^4 + 23^1 + 23^1 = 24 + 44 + 44 + 231 + 231 \\ 574 &:= 2^5 + 2^5 + 5^2 + 22^2 + 25^0 = 25 + 25 + 52 + 222 + 250 \\ 574 &:= 2^5 + 3^4 + 6^2 + 20^2 + 25^1 = 25 + 34 + 62 + 202 + 251 \\ 574 &:= 2^6 + 3^3 + 10^2 + 19^2 + 22^1 = 26 + 33 + 102 + 192 + 221 \\ 574 &:= 2^6 + 3^3 + 4^2 + 21^2 + 26^1 = 26 + 33 + 42 + 212 + 261 \\ 574 &:= 2^6 + 3^5 + 10^1 + 16^2 + 25^0 = 26 + 35 + 101 + 162 + 250 \\ 574 &:= 2^6 + 4^3 + 10^2 + 18^2 + 22^1 = 26 + 43 + 102 + 182 + 221 \\ 574 &:= 2^6 + 4^3 + 13^2 + 16^2 + 21^1 = 26 + 43 + 132 + 162 + 211 \\ 574 &:= 2^6 + 5^3 + 6^2 + 18^2 + 25^1 = 26 + 53 + 62 + 182 + 251 \\ 574 &:= 2^6 + 5^3 + 7^3 + 15^1 + 27^1 = 26 + 53 + 73 + 151 + 271 \\ 574 &:= 2^6 + 5^3 + 7^3 + 16^1 + 26^1 = 26 + 53 + 73 + 161 + 261 \\ 574 &:= 2^6 + 5^3 + 7^3 + 17^1 + 25^1 = 26 + 53 + 73 + 171 + 251 \\ 574 &:= 2^6 + 5^3 + 7^3 + 18^1 + 24^1 = 26 + 53 + 73 + 181 + 241 \\ 574 &:= 2^6 + 5^3 + 7^3 + 19^1 + 23^1 = 26 + 53 + 73 + 191 + 231 \\ 574 &:= 2^6 + 5^3 + 7^3 + 20^1 + 22^1 = 26 + 53 + 73 + 201 + 221 \\ 574 &:= 2^6 + 5^3 + 7^3 + 21^1 + 21^1 = 26 + 53 + 73 + 211 + 211 \\ 574 &:= 2^6 + 6^3 + 10^2 + 13^2 + 25^1 = 26 + 63 + 102 + 132 + 251 \\ 574 &:= 2^7 + 4^4 + 13^2 + 17^0 + 20^1 = 27 + 44 + 132 + 170 + 201 \\ 574 &:= 2^7 + 5^1 + 5^3 + 17^2 + 27^1 = 27 + 51 + 53 + 172 + 271 \\ 574 &:= 2^7 + 5^2 + 12^2 + 16^2 + 21^1 = 27 + 52 + 122 + 162 + 211 \\ 574 &:= 2^7 + 5^2 + 6^2 + 19^2 + 24^1 = 27 + 52 + 62 + 192 + 241 \end{aligned}$$

$$\begin{aligned}
 574 &:= 2^7 + 5^3 + 10^1 + 17^2 + 22^1 = 27 + 53 + 101 + 172 + 221 \\
 574 &:= 2^7 + 5^3 + 11^1 + 17^2 + 21^1 = 27 + 53 + 111 + 172 + 211 \\
 574 &:= 2^7 + 5^3 + 12^1 + 17^2 + 20^1 = 27 + 53 + 121 + 172 + 201 \\
 574 &:= 2^7 + 5^3 + 13^1 + 17^2 + 19^1 = 27 + 53 + 131 + 172 + 191 \\
 574 &:= 2^7 + 5^3 + 14^1 + 17^2 + 18^1 = 27 + 53 + 141 + 172 + 181 \\
 574 &:= 2^7 + 5^3 + 15^1 + 17^1 + 17^2 = 27 + 53 + 151 + 171 + 172 \\
 574 &:= 2^7 + 5^3 + 16^1 + 16^1 + 17^2 = 27 + 53 + 161 + 161 + 172 \\
 574 &:= 2^7 + 5^3 + 6^1 + 17^2 + 26^1 = 27 + 53 + 61 + 172 + 261 \\
 574 &:= 2^7 + 5^3 + 7^1 + 17^2 + 25^1 = 27 + 53 + 71 + 172 + 251 \\
 574 &:= 2^7 + 5^3 + 8^1 + 17^2 + 24^1 = 27 + 53 + 81 + 172 + 241 \\
 574 &:= 2^7 + 5^3 + 8^2 + 16^2 + 25^0 = 27 + 53 + 82 + 162 + 250 \\
 574 &:= 2^7 + 5^3 + 9^1 + 17^2 + 23^1 = 27 + 53 + 91 + 172 + 231 \\
 574 &:= 2^7 + 6^2 + 10^2 + 17^2 + 21^1 = 27 + 62 + 102 + 172 + 211 \\
 574 &:= 2^7 + 6^2 + 8^2 + 18^2 + 22^1 = 27 + 62 + 82 + 182 + 221 \\
 574 &:= 2^7 + 6^3 + 10^1 + 14^2 + 24^1 = 27 + 63 + 101 + 142 + 241 \\
 574 &:= 2^7 + 6^3 + 11^1 + 14^2 + 23^1 = 27 + 63 + 111 + 142 + 231 \\
 574 &:= 2^7 + 6^3 + 12^1 + 14^2 + 22^1 = 27 + 63 + 121 + 142 + 221 \\
 574 &:= 2^7 + 6^3 + 13^1 + 14^2 + 21^1 = 27 + 63 + 131 + 142 + 211 \\
 574 &:= 2^7 + 6^3 + 14^1 + 14^2 + 20^1 = 27 + 63 + 141 + 142 + 201 \\
 574 &:= 2^7 + 6^3 + 14^2 + 15^1 + 19^1 = 27 + 63 + 142 + 151 + 191 \\
 574 &:= 2^7 + 6^3 + 14^2 + 16^1 + 18^1 = 27 + 63 + 142 + 161 + 181 \\
 574 &:= 2^7 + 6^3 + 14^2 + 17^1 + 17^1 = 27 + 63 + 142 + 171 + 171 \\
 574 &:= 2^7 + 6^3 + 7^1 + 14^2 + 27^1 = 27 + 63 + 71 + 142 + 271 \\
 574 &:= 2^7 + 6^3 + 8^1 + 14^2 + 26^1 = 27 + 63 + 81 + 142 + 261 \\
 574 &:= 2^7 + 6^3 + 9^1 + 14^2 + 25^1 = 27 + 63 + 91 + 142 + 251 \\
 574 &:= 2^7 + 7^2 + 11^2 + 16^2 + 20^1 = 27 + 72 + 112 + 162 + 201 \\
 574 &:= 2^7 + 7^3 + 8^2 + 12^1 + 27^1 = 27 + 73 + 82 + 121 + 271 \\
 574 &:= 2^7 + 7^3 + 8^2 + 13^1 + 26^1 = 27 + 73 + 82 + 131 + 261 \\
 574 &:= 2^7 + 7^3 + 8^2 + 14^1 + 25^1 = 27 + 73 + 82 + 141 + 251 \\
 574 &:= 2^7 + 7^3 + 8^2 + 15^1 + 24^1 = 27 + 73 + 82 + 151 + 241 \\
 574 &:= 2^7 + 7^3 + 8^2 + 16^1 + 23^1 = 27 + 73 + 82 + 161 + 231 \\
 574 &:= 2^7 + 7^3 + 8^2 + 17^1 + 22^1 = 27 + 73 + 82 + 171 + 221 \\
 574 &:= 2^7 + 7^3 + 8^2 + 18^1 + 21^1 = 27 + 73 + 82 + 181 + 211
 \end{aligned}$$

$$\begin{aligned}
 574 &:= 2^7 + 7^3 + 8^2 + 19^1 + 20^1 = 27 + 73 + 82 + 191 + 201 \\
 574 &:= 2^7 + 9^2 + 11^2 + 15^2 + 19^1 = 27 + 92 + 112 + 152 + 191 \\
 574 &:= 2^8 + 10^1 + 12^2 + 12^2 + 20^1 = 28 + 101 + 122 + 122 + 201 \\
 574 &:= 2^8 + 11^1 + 12^2 + 12^2 + 19^1 = 28 + 111 + 122 + 122 + 191 \\
 574 &:= 2^8 + 12^1 + 12^2 + 12^2 + 18^1 = 28 + 121 + 122 + 122 + 181 \\
 574 &:= 2^8 + 12^2 + 12^2 + 13^1 + 17^1 = 28 + 122 + 122 + 131 + 171 \\
 574 &:= 2^8 + 12^2 + 12^2 + 14^1 + 16^1 = 28 + 122 + 122 + 141 + 161 \\
 574 &:= 2^8 + 12^2 + 12^2 + 15^1 + 15^1 = 28 + 122 + 122 + 151 + 151 \\
 574 &:= 2^8 + 3^1 + 12^2 + 12^2 + 27^1 = 28 + 31 + 122 + 122 + 271 \\
 574 &:= 2^8 + 4^1 + 12^2 + 12^2 + 26^1 = 28 + 41 + 122 + 122 + 261 \\
 574 &:= 2^8 + 5^1 + 12^2 + 12^2 + 25^1 = 28 + 51 + 122 + 122 + 251 \\
 574 &:= 2^8 + 5^2 + 6^2 + 16^2 + 27^0 = 28 + 52 + 62 + 162 + 270 \\
 574 &:= 2^8 + 5^3 + 13^0 + 13^2 + 23^1 = 28 + 53 + 130 + 132 + 231 \\
 574 &:= 2^8 + 6^1 + 12^2 + 12^2 + 24^1 = 28 + 61 + 122 + 122 + 241 \\
 574 &:= 2^8 + 6^3 + 9^2 + 19^0 + 20^1 = 28 + 63 + 92 + 190 + 201 \\
 574 &:= 2^8 + 7^1 + 12^2 + 12^2 + 23^1 = 28 + 71 + 122 + 122 + 231 \\
 574 &:= 2^8 + 8^1 + 12^2 + 12^2 + 22^1 = 28 + 81 + 122 + 122 + 221 \\
 574 &:= 2^8 + 9^1 + 12^2 + 12^2 + 21^1 = 28 + 91 + 122 + 122 + 211 \\
 574 &:= 2^9 + 3^2 + 5^2 + 19^0 + 27^1 = 29 + 32 + 52 + 190 + 271 \\
 574 &:= 2^9 + 3^3 + 10^1 + 17^0 + 24^1 = 29 + 33 + 101 + 170 + 241 \\
 574 &:= 2^9 + 3^3 + 11^1 + 17^0 + 23^1 = 29 + 33 + 111 + 170 + 231 \\
 574 &:= 2^9 + 3^3 + 12^1 + 17^0 + 22^1 = 29 + 33 + 121 + 170 + 221 \\
 574 &:= 2^9 + 3^3 + 13^1 + 17^0 + 21^1 = 29 + 33 + 131 + 170 + 211 \\
 574 &:= 2^9 + 3^3 + 14^1 + 17^0 + 20^1 = 29 + 33 + 141 + 170 + 201 \\
 574 &:= 2^9 + 3^3 + 15^1 + 17^0 + 19^1 = 29 + 33 + 151 + 170 + 191 \\
 574 &:= 2^9 + 3^3 + 16^1 + 17^0 + 18^1 = 29 + 33 + 161 + 170 + 181 \\
 574 &:= 2^9 + 3^3 + 17^0 + 17^1 + 17^1 = 29 + 33 + 170 + 171 + 171 \\
 574 &:= 2^9 + 3^3 + 7^1 + 17^0 + 27^1 = 29 + 33 + 71 + 170 + 271 \\
 574 &:= 2^9 + 3^3 + 8^1 + 17^0 + 26^1 = 29 + 33 + 81 + 170 + 261 \\
 574 &:= 2^9 + 3^3 + 9^1 + 17^0 + 25^1 = 29 + 33 + 91 + 170 + 251 \\
 574 &:= 2^9 + 4^2 + 5^2 + 20^1 + 25^0 = 29 + 42 + 52 + 201 + 250 \\
 574 &:= 3^5 + 3^5 + 4^3 + 23^0 + 23^1 = 35 + 35 + 43 + 230 + 231
 \end{aligned}$$

2.2.476 Number 575

$$\begin{aligned}
 575 &:= 4^2 + 23^2 + 30^1 = 42 + 232 + 301 & 575 &:= 1^0 + 4^2 + 23^2 + 29^1 = 10 + 42 + 232 + 291 \\
 575 &:= 8^2 + 22^2 + 27^1 = 82 + 222 + 271 & 575 &:= 1^0 + 8^2 + 22^2 + 26^1 = 10 + 82 + 222 + 261
 \end{aligned}$$

$$\begin{aligned}
 575 &:= 11^2 + 12^1 + 13^0 + 21^2 = 112 + 121 + 130 + 212 & 575 &:= 2^0 + 6^2 + 8^1 + 18^0 + 23^2 = 20 + 62 + 81 + 180 + 232 \\
 575 &:= 2^5 + 2^9 + 22^0 + 30^1 = 25 + 29 + 220 + 301 & 575 &:= 2^0 + 8^1 + 9^2 + 16^0 + 22^2 = 20 + 81 + 92 + 160 + 222 \\
 575 &:= 5^1 + 13^2 + 19^0 + 20^2 = 51 + 132 + 190 + 202 & 575 &:= 2^4 + 2^8 + 13^1 + 17^2 + 22^0 = 24 + 28 + 131 + 172 + 220 \\
 575 &:= 5^2 + 9^0 + 20^1 + 23^2 = 52 + 90 + 201 + 232 & 575 &:= 2^4 + 2^9 + 6^0 + 19^1 + 27^1 = 24 + 29 + 60 + 191 + 271 \\
 575 &:= 6^2 + 9^1 + 19^0 + 23^2 = 62 + 91 + 190 + 232 & 575 &:= 2^4 + 2^9 + 6^0 + 20^1 + 26^1 = 24 + 29 + 60 + 201 + 261 \\
 575 &:= 7^0 + 14^2 + 17^1 + 19^2 = 70 + 142 + 171 + 192 & 575 &:= 2^4 + 2^9 + 6^0 + 21^1 + 25^1 = 24 + 29 + 60 + 211 + 251 \\
 575 &:= 9^1 + 9^2 + 17^0 + 22^2 = 91 + 92 + 170 + 222 & 575 &:= 2^4 + 2^9 + 6^0 + 22^1 + 24^1 = 24 + 29 + 60 + 221 + 241 \\
 575 &:= 1^0 + 1^0 + 8^2 + 22^2 + 25^1 = 10 + 10 + 82 + 222 + 251 & 575 &:= 2^4 + 2^9 + 6^0 + 23^1 + 23^1 = 24 + 29 + 60 + 231 + 231 \\
 575 &:= 1^0 + 11^1 + 11^2 + 13^0 + 21^2 = 10 + 111 + 112 + 130 + 212 & 575 &:= 2^5 + 2^7 + 14^1 + 18^0 + 20^2 = 25 + 27 + 141 + 180 + 202 \\
 575 &:= 1^0 + 4^1 + 13^2 + 19^0 + 20^2 = 10 + 41 + 132 + 190 + 202 & 575 &:= 2^6 + 2^6 + 5^1 + 21^2 + 26^0 = 26 + 26 + 51 + 212 + 260 \\
 575 &:= 1^0 + 5^2 + 9^0 + 19^1 + 23^2 = 10 + 52 + 90 + 191 + 232 & 575 &:= 2^7 + 3^4 + 13^2 + 14^2 + 24^0 = 27 + 34 + 132 + 142 + 240 \\
 575 &:= 1^0 + 6^2 + 8^1 + 19^0 + 23^2 = 10 + 62 + 81 + 190 + 232 & 575 &:= 2^7 + 3^4 + 7^3 + 22^0 + 22^1 = 27 + 34 + 73 + 220 + 221 \\
 575 &:= 1^0 + 7^0 + 14^2 + 16^1 + 19^2 = 10 + 70 + 142 + 161 + 192 & 575 &:= 2^8 + 3^4 + 12^1 + 15^2 + 24^0 = 28 + 34 + 121 + 152 + 240 \\
 575 &:= 1^0 + 8^1 + 9^2 + 17^0 + 22^2 = 10 + 81 + 92 + 170 + 222 & 575 &:= 2^8 + 4^4 + 6^2 + 18^0 + 26^1 = 28 + 44 + 62 + 180 + 261 \\
 575 &:= 1^3 + 2^9 + 6^2 + 22^0 + 25^1 = 13 + 29 + 62 + 220 + 251 & 575 &:= 2^9 + 3^2 + 3^3 + 22^0 + 26^1 = 29 + 32 + 33 + 220 + 261 \\
 575 &:= 1^4 + 2^7 + 11^2 + 18^2 + 24^0 = 14 + 27 + 112 + 182 + 240 & 575 &:= 3^0 + 11^0 + 11^1 + 11^2 + 21^2 = 30 + 110 + 111 + 112 + 212 \\
 575 &:= 1^5 + 2^6 + 5^2 + 22^2 + 26^0 = 15 + 26 + 52 + 222 + 260 & 575 &:= 3^0 + 4^1 + 13^2 + 17^0 + 20^2 = 30 + 41 + 132 + 170 + 202 \\
 575 &:= 1^6 + 2^5 + 10^2 + 21^2 + 22^0 = 16 + 25 + 102 + 212 + 220 & 575 &:= 3^0 + 5^0 + 14^2 + 16^1 + 19^2 = 30 + 50 + 142 + 161 + 192 \\
 575 &:= 1^6 + 2^6 + 6^0 + 22^2 + 25^1 = 16 + 26 + 60 + 222 + 251 & 575 &:= 3^0 + 5^2 + 7^0 + 19^1 + 23^2 = 30 + 52 + 70 + 191 + 232 \\
 575 &:= 1^7 + 2^4 + 14^2 + 19^2 + 20^0 = 17 + 24 + 142 + 192 + 200 & 575 &:= 3^0 + 6^2 + 8^1 + 17^0 + 23^2 = 30 + 62 + 81 + 170 + 232 \\
 575 &:= 1^7 + 2^5 + 12^1 + 18^0 + 23^2 = 17 + 25 + 121 + 180 + 232 & 575 &:= 3^0 + 8^1 + 9^2 + 15^0 + 22^2 = 30 + 81 + 92 + 150 + 222 \\
 575 &:= 1^7 + 4^4 + 11^2 + 14^2 + 26^0 = 17 + 44 + 112 + 142 + 260 & 575 &:= 4^0 + 10^0 + 11^1 + 11^2 + 21^2 = 40 + 100 + 111 + 112 + 212 \\
 575 &:= 1^8 + 2^3 + 6^2 + 23^2 + 24^0 = 18 + 23 + 62 + 232 + 240 & 575 &:= 4^0 + 4^0 + 14^2 + 16^1 + 19^2 = 40 + 40 + 142 + 161 + 192 \\
 575 &:= 1^8 + 2^3 + 9^2 + 22^0 + 22^2 = 18 + 23 + 92 + 220 + 222 & 575 &:= 4^0 + 4^1 + 13^2 + 16^0 + 20^2 = 40 + 41 + 132 + 160 + 202 \\
 575 &:= 1^8 + 3^4 + 8^1 + 22^0 + 22^2 = 18 + 34 + 81 + 220 + 222 & 575 &:= 4^0 + 5^2 + 6^0 + 19^1 + 23^2 = 40 + 52 + 60 + 191 + 232 \\
 575 &:= 1^8 + 4^3 + 5^2 + 22^2 + 24^0 = 18 + 43 + 52 + 222 + 240 & 575 &:= 4^0 + 6^2 + 8^1 + 16^0 + 23^2 = 40 + 62 + 81 + 160 + 232 \\
 575 &:= 1^9 + 11^2 + 14^0 + 14^2 + 16^2 = 19 + 112 + 140 + 142 + 162 & 575 &:= 4^0 + 8^1 + 9^2 + 14^0 + 22^2 = 40 + 81 + 92 + 140 + 222 \\
 575 &:= 1^9 + 2^2 + 13^2 + 20^0 + 20^2 = 19 + 22 + 132 + 200 + 202 & 575 &:= 4^1 + 10^0 + 10^0 + 13^2 + 20^2 = 41 + 100 + 100 + 132 + 202 \\
 575 &:= 1^9 + 3^3 + 12^0 + 17^1 + 23^2 = 19 + 33 + 120 + 171 + 232 & 575 &:= 4^1 + 5^0 + 13^2 + 15^0 + 20^2 = 41 + 50 + 132 + 150 + 202 \\
 575 &:= 1^9 + 4^0 + 4^3 + 22^2 + 25^1 = 19 + 40 + 43 + 222 + 251 & 575 &:= 4^1 + 6^0 + 13^2 + 14^0 + 20^2 = 41 + 60 + 132 + 140 + 202 \\
 575 &:= 1^9 + 4^2 + 14^2 + 18^0 + 19^2 = 19 + 42 + 142 + 180 + 192 & 575 &:= 4^1 + 7^0 + 13^0 + 13^2 + 20^2 = 41 + 70 + 130 + 132 + 202 \\
 575 &:= 1^9 + 5^2 + 8^2 + 20^0 + 22^2 = 19 + 52 + 82 + 200 + 222 & 575 &:= 4^1 + 8^0 + 12^0 + 13^2 + 20^2 = 41 + 80 + 120 + 132 + 202 \\
 575 &:= 1^9 + 5^3 + 7^1 + 21^2 + 22^0 = 19 + 53 + 71 + 212 + 220 & 575 &:= 4^1 + 9^0 + 11^0 + 13^2 + 20^2 = 41 + 90 + 110 + 132 + 202 \\
 575 &:= 1^9 + 6^2 + 8^3 + 16^0 + 25^1 = 19 + 62 + 83 + 160 + 251 & 575 &:= 5^0 + 5^0 + 5^2 + 19^1 + 23^2 = 50 + 50 + 52 + 191 + 232 \\
 575 &:= 2^0 + 11^1 + 11^2 + 12^0 + 21^2 = 20 + 111 + 112 + 120 + 212 & 575 &:= 5^0 + 6^2 + 8^1 + 15^0 + 23^2 = 50 + 62 + 81 + 150 + 232 \\
 575 &:= 2^0 + 4^1 + 13^2 + 18^0 + 20^2 = 20 + 41 + 132 + 180 + 202 & 575 &:= 5^0 + 8^1 + 9^2 + 13^0 + 22^2 = 50 + 81 + 92 + 130 + 222 \\
 575 &:= 2^0 + 5^2 + 8^0 + 19^1 + 23^2 = 20 + 52 + 80 + 191 + 232 & 575 &:= 5^0 + 9^0 + 11^1 + 11^2 + 21^2 = 50 + 90 + 111 + 112 + 212 \\
 575 &:= 2^0 + 6^0 + 14^2 + 16^1 + 19^2 = 20 + 60 + 142 + 161 + 192 & 575 &:= 6^0 + 6^2 + 8^1 + 14^0 + 23^2 = 60 + 62 + 81 + 140 + 232
 \end{aligned}$$

$$\begin{aligned}
 575 &:= 6^0 + 8^0 + 11^1 + 11^2 + 21^2 = 60 + 80 + 111 + 112 + 212 \\
 575 &:= 6^0 + 8^1 + 9^2 + 12^0 + 22^2 = 60 + 81 + 92 + 120 + 222 \\
 575 &:= 6^2 + 7^0 + 8^1 + 13^0 + 23^2 = 62 + 70 + 81 + 130 + 232 \\
 575 &:= 6^2 + 8^0 + 8^1 + 12^0 + 23^2 = 62 + 80 + 81 + 120 + 232 \\
 575 &:= 6^2 + 8^1 + 10^0 + 10^0 + 23^2 = 62 + 81 + 100 + 100 + 232 \\
 575 &:= 6^2 + 8^1 + 9^0 + 11^0 + 23^2 = 62 + 81 + 90 + 110 + 232
 \end{aligned}$$

$$\begin{aligned}
 575 &:= 7^0 + 7^0 + 11^1 + 11^2 + 21^2 = 70 + 70 + 111 + 112 + 212 \\
 575 &:= 7^0 + 8^1 + 9^2 + 11^0 + 22^2 = 70 + 81 + 92 + 110 + 222 \\
 575 &:= 8^0 + 8^1 + 9^2 + 10^0 + 22^2 = 80 + 81 + 92 + 100 + 222 \\
 575 &:= 8^1 + 9^0 + 9^0 + 9^2 + 22^2 = 81 + 90 + 90 + 92 + 222
 \end{aligned}$$

2.2.477 Number 576

$$\begin{aligned}
 576 &:= 1^9 + 2^4 + 23^2 + 30^1 = 19 + 24 + 232 + 301 \\
 576 &:= 3^3 + 12^0 + 19^1 + 23^2 = 33 + 120 + 191 + 232 \\
 576 &:= 4^0 + 4^3 + 22^2 + 27^1 = 40 + 43 + 222 + 271 \\
 576 &:= 5^2 + 6^0 + 8^3 + 38^1 = 52 + 60 + 83 + 381 \\
 576 &:= 5^3 + 9^1 + 21^2 + 22^0 = 53 + 91 + 212 + 220 \\
 576 &:= 6^2 + 8^3 + 16^0 + 27^1 = 62 + 83 + 160 + 271 \\
 576 &:= 7^1 + 7^3 + 15^2 + 28^0 = 71 + 73 + 152 + 280 \\
 576 &:= 7^2 + 8^3 + 14^1 + 28^0 = 72 + 83 + 141 + 280 \\
 576 &:= 1^0 + 3^2 + 6^2 + 23^2 + 24^0 = 10 + 32 + 62 + 232 + 240 \\
 576 &:= 1^0 + 3^2 + 9^2 + 22^0 + 22^2 = 10 + 32 + 92 + 220 + 222 \\
 576 &:= 1^0 + 3^3 + 12^0 + 18^1 + 23^2 = 10 + 33 + 120 + 181 + 232 \\
 576 &:= 1^0 + 4^0 + 4^3 + 22^2 + 26^1 = 10 + 40 + 43 + 222 + 261 \\
 576 &:= 1^0 + 5^2 + 15^2 + 18^0 + 18^2 = 10 + 52 + 152 + 180 + 182 \\
 576 &:= 1^0 + 5^3 + 8^1 + 21^2 + 22^0 = 10 + 53 + 81 + 212 + 220 \\
 576 &:= 1^0 + 6^2 + 8^3 + 16^0 + 26^1 = 10 + 62 + 83 + 160 + 261 \\
 576 &:= 1^0 + 9^2 + 13^2 + 16^0 + 18^2 = 10 + 92 + 132 + 160 + 182 \\
 576 &:= 1^1 + 11^2 + 12^0 + 12^1 + 21^2 = 11 + 112 + 120 + 121 + 212 \\
 576 &:= 1^1 + 5^1 + 13^2 + 18^0 + 20^2 = 11 + 51 + 132 + 180 + 202 \\
 576 &:= 1^1 + 5^2 + 8^0 + 20^1 + 23^2 = 11 + 52 + 80 + 201 + 232 \\
 576 &:= 1^1 + 6^0 + 14^2 + 17^1 + 19^2 = 11 + 60 + 142 + 171 + 192 \\
 576 &:= 1^1 + 6^2 + 9^1 + 18^0 + 23^2 = 11 + 62 + 91 + 180 + 232 \\
 576 &:= 1^1 + 9^1 + 9^2 + 16^0 + 22^2 = 11 + 91 + 92 + 160 + 222 \\
 576 &:= 1^4 + 2^9 + 6^2 + 21^0 + 26^1 = 14 + 29 + 62 + 210 + 261 \\
 576 &:= 1^6 + 2^5 + 11^2 + 20^2 + 22^1 = 16 + 25 + 112 + 202 + 221 \\
 576 &:= 1^6 + 2^7 + 5^1 + 21^2 + 27^0 = 16 + 27 + 51 + 212 + 270 \\
 576 &:= 1^7 + 2^6 + 5^0 + 22^2 + 26^1 = 17 + 26 + 50 + 222 + 261 \\
 576 &:= 1^8 + 2^3 + 5^3 + 21^2 + 27^0 = 18 + 23 + 53 + 212 + 270 \\
 576 &:= 1^8 + 2^4 + 10^1 + 20^1 + 23^2 = 18 + 24 + 101 + 201 + 232 \\
 576 &:= 1^8 + 2^4 + 11^1 + 19^1 + 23^2 = 18 + 24 + 111 + 191 + 232 \\
 576 &:= 1^8 + 2^4 + 12^1 + 18^1 + 23^2 = 18 + 24 + 121 + 181 + 232
 \end{aligned}$$

$$\begin{aligned}
 576 &:= 1^8 + 2^4 + 13^1 + 17^1 + 23^2 = 18 + 24 + 131 + 171 + 232 \\
 576 &:= 1^8 + 2^4 + 14^1 + 16^1 + 23^2 = 18 + 24 + 141 + 161 + 232 \\
 576 &:= 1^8 + 2^4 + 15^1 + 15^1 + 23^2 = 18 + 24 + 151 + 151 + 232 \\
 576 &:= 1^8 + 2^4 + 3^1 + 23^2 + 27^1 = 18 + 24 + 31 + 232 + 271 \\
 576 &:= 1^8 + 2^4 + 4^1 + 23^2 + 26^1 = 18 + 24 + 41 + 232 + 261 \\
 576 &:= 1^8 + 2^4 + 5^1 + 23^2 + 25^1 = 18 + 24 + 51 + 232 + 251 \\
 576 &:= 1^8 + 2^4 + 6^1 + 23^2 + 24^1 = 18 + 24 + 61 + 232 + 241 \\
 576 &:= 1^8 + 2^4 + 7^1 + 23^1 + 23^2 = 18 + 24 + 71 + 231 + 232 \\
 576 &:= 1^8 + 2^4 + 8^1 + 22^1 + 23^2 = 18 + 24 + 81 + 221 + 232 \\
 576 &:= 1^8 + 2^4 + 9^1 + 21^1 + 23^2 = 18 + 24 + 91 + 211 + 232 \\
 576 &:= 1^8 + 2^5 + 13^1 + 17^0 + 23^2 = 18 + 25 + 131 + 170 + 232 \\
 576 &:= 1^8 + 3^2 + 3^4 + 22^2 + 27^0 = 18 + 32 + 34 + 222 + 270 \\
 576 &:= 1^8 + 3^4 + 13^2 + 18^2 + 21^0 = 18 + 34 + 132 + 182 + 210 \\
 576 &:= 1^8 + 3^5 + 7^1 + 18^2 + 27^0 = 18 + 35 + 71 + 182 + 270 \\
 576 &:= 1^8 + 5^2 + 5^3 + 20^2 + 25^1 = 18 + 52 + 53 + 202 + 251 \\
 576 &:= 1^8 + 5^3 + 5^3 + 18^2 + 27^0 = 18 + 53 + 53 + 182 + 270 \\
 576 &:= 1^9 + 13^2 + 14^1 + 14^2 + 14^2 = 19 + 132 + 141 + 142 + 142 \\
 576 &:= 1^9 + 2^2 + 4^2 + 23^2 + 26^1 = 19 + 22 + 42 + 232 + 261 \\
 576 &:= 1^9 + 2^2 + 8^2 + 22^2 + 23^1 = 19 + 22 + 82 + 222 + 231 \\
 576 &:= 1^9 + 3^4 + 9^1 + 21^0 + 22^2 = 19 + 34 + 91 + 210 + 222 \\
 576 &:= 1^9 + 5^3 + 7^2 + 20^2 + 23^0 = 19 + 53 + 72 + 202 + 230 \\
 576 &:= 1^9 + 6^2 + 11^2 + 18^1 + 20^2 = 19 + 62 + 112 + 181 + 202 \\
 576 &:= 1^9 + 6^3 + 7^3 + 15^1 + 27^0 = 19 + 63 + 73 + 151 + 270 \\
 576 &:= 2^0 + 3^0 + 4^3 + 22^2 + 26^1 = 20 + 30 + 43 + 222 + 261 \\
 576 &:= 2^0 + 3^2 + 6^2 + 23^0 + 23^2 = 20 + 32 + 62 + 230 + 232 \\
 576 &:= 2^0 + 3^2 + 9^2 + 21^0 + 22^2 = 20 + 32 + 92 + 210 + 222 \\
 576 &:= 2^0 + 3^3 + 11^0 + 18^1 + 23^2 = 20 + 33 + 110 + 181 + 232 \\
 576 &:= 2^0 + 5^2 + 15^2 + 17^0 + 18^2 = 20 + 52 + 152 + 170 + 182 \\
 576 &:= 2^0 + 5^3 + 8^1 + 21^0 + 21^2 = 20 + 53 + 81 + 210 + 212 \\
 576 &:= 2^0 + 6^1 + 7^3 + 15^2 + 27^0 = 20 + 61 + 73 + 152 + 270
 \end{aligned}$$

$$\begin{aligned} 576 &:= 2^0 + 6^2 + 8^3 + 15^0 + 26^1 = 20 + 62 + 83 + 150 + 261 & 576 &:= 3^1 + 6^0 + 14^2 + 15^1 + 19^2 = 31 + 60 + 142 + 151 + 192 \\ 576 &:= 2^0 + 7^2 + 8^3 + 13^1 + 27^0 = 20 + 72 + 83 + 131 + 270 & 576 &:= 3^1 + 6^2 + 7^1 + 18^0 + 23^2 = 31 + 62 + 71 + 180 + 232 \\ 576 &:= 2^0 + 9^2 + 13^2 + 15^0 + 18^2 = 20 + 92 + 132 + 150 + 182 & 576 &:= 3^1 + 7^1 + 9^2 + 16^0 + 22^2 = 31 + 71 + 92 + 160 + 222 \\ 576 &:= 2^1 + 11^1 + 11^2 + 12^0 + 21^2 = 21 + 111 + 112 + 120 + 212 & 576 &:= 3^2 + 4^0 + 6^2 + 21^0 + 23^2 = 32 + 40 + 62 + 210 + 232 \\ 576 &:= 2^1 + 4^1 + 13^2 + 18^0 + 20^2 = 21 + 41 + 132 + 180 + 202 & 576 &:= 3^2 + 4^0 + 9^2 + 19^0 + 22^2 = 32 + 40 + 92 + 190 + 222 \\ 576 &:= 2^1 + 5^2 + 8^0 + 19^1 + 23^2 = 21 + 52 + 80 + 191 + 232 & 576 &:= 3^2 + 5^0 + 6^2 + 20^0 + 23^2 = 32 + 50 + 62 + 200 + 232 \\ 576 &:= 2^1 + 6^0 + 14^2 + 16^1 + 19^2 = 21 + 60 + 142 + 161 + 192 & 576 &:= 3^2 + 5^0 + 9^2 + 18^0 + 22^2 = 32 + 50 + 92 + 180 + 222 \\ 576 &:= 2^1 + 6^2 + 8^1 + 18^0 + 23^2 = 21 + 62 + 81 + 180 + 232 & 576 &:= 3^2 + 6^0 + 6^2 + 19^0 + 23^2 = 32 + 60 + 62 + 190 + 232 \\ 576 &:= 2^1 + 8^1 + 9^2 + 16^0 + 22^2 = 21 + 81 + 92 + 160 + 222 & 576 &:= 3^2 + 6^0 + 9^2 + 17^0 + 22^2 = 32 + 60 + 92 + 170 + 222 \\ 576 &:= 2^4 + 2^9 + 5^2 + 22^1 + 25^0 = 24 + 29 + 52 + 221 + 250 & 576 &:= 3^2 + 6^2 + 10^0 + 15^0 + 23^2 = 32 + 62 + 100 + 150 + 232 \\ 576 &:= 2^5 + 2^6 + 13^2 + 17^2 + 22^1 = 25 + 26 + 132 + 172 + 221 & 576 &:= 3^2 + 6^2 + 11^0 + 14^0 + 23^2 = 32 + 62 + 110 + 140 + 232 \\ 576 &:= 2^5 + 2^9 + 10^1 + 21^0 + 21^1 = 25 + 29 + 101 + 210 + 211 & 576 &:= 3^2 + 6^2 + 12^0 + 13^0 + 23^2 = 32 + 62 + 120 + 130 + 232 \\ 576 &:= 2^5 + 2^9 + 11^1 + 20^1 + 21^0 = 25 + 29 + 111 + 201 + 210 & 576 &:= 3^2 + 6^2 + 7^0 + 18^0 + 23^2 = 32 + 62 + 70 + 180 + 232 \\ 576 &:= 2^5 + 2^9 + 12^1 + 19^1 + 21^0 = 25 + 29 + 121 + 191 + 210 & 576 &:= 3^2 + 6^2 + 8^0 + 17^0 + 23^2 = 32 + 62 + 80 + 170 + 232 \\ 576 &:= 2^5 + 2^9 + 13^1 + 18^1 + 21^0 = 25 + 29 + 131 + 181 + 210 & 576 &:= 3^2 + 6^2 + 9^0 + 16^0 + 23^2 = 32 + 62 + 90 + 160 + 232 \\ 576 &:= 2^5 + 2^9 + 14^1 + 17^1 + 21^0 = 25 + 29 + 141 + 171 + 210 & 576 &:= 3^2 + 7^0 + 9^2 + 16^0 + 22^2 = 32 + 70 + 92 + 160 + 222 \\ 576 &:= 2^5 + 2^9 + 15^1 + 16^1 + 21^0 = 25 + 29 + 151 + 161 + 210 & 576 &:= 3^2 + 8^0 + 9^2 + 15^0 + 22^2 = 32 + 80 + 92 + 150 + 222 \\ 576 &:= 2^5 + 2^9 + 4^1 + 21^0 + 27^1 = 25 + 29 + 41 + 210 + 271 & 576 &:= 3^2 + 9^0 + 9^2 + 14^0 + 22^2 = 32 + 90 + 92 + 140 + 222 \\ 576 &:= 2^5 + 2^9 + 5^1 + 21^0 + 26^1 = 25 + 29 + 51 + 210 + 261 & 576 &:= 3^2 + 9^2 + 10^0 + 13^0 + 22^2 = 32 + 92 + 100 + 130 + 222 \\ 576 &:= 2^5 + 2^9 + 6^1 + 21^0 + 25^1 = 25 + 29 + 61 + 210 + 251 & 576 &:= 3^2 + 9^2 + 11^0 + 12^0 + 22^2 = 32 + 92 + 110 + 120 + 222 \\ 576 &:= 2^5 + 2^9 + 7^1 + 21^0 + 24^1 = 25 + 29 + 71 + 210 + 241 & 576 &:= 3^3 + 4^0 + 9^0 + 18^1 + 23^2 = 33 + 40 + 90 + 181 + 232 \\ 576 &:= 2^5 + 2^9 + 8^1 + 21^0 + 23^1 = 25 + 29 + 81 + 210 + 231 & 576 &:= 3^3 + 5^0 + 8^0 + 18^1 + 23^2 = 33 + 50 + 80 + 181 + 232 \\ 576 &:= 2^5 + 2^9 + 9^1 + 21^0 + 22^1 = 25 + 29 + 91 + 210 + 221 & 576 &:= 3^3 + 6^0 + 7^0 + 18^1 + 23^2 = 33 + 60 + 70 + 181 + 232 \\ 576 &:= 2^6 + 2^7 + 11^0 + 19^2 + 22^1 = 26 + 27 + 110 + 192 + 221 & 576 &:= 4^0 + 5^2 + 15^0 + 15^2 + 18^2 = 40 + 52 + 150 + 152 + 182 \\ 576 &:= 2^8 + 3^4 + 6^3 + 22^1 + 23^0 = 28 + 34 + 63 + 221 + 230 & 576 &:= 4^0 + 5^3 + 8^1 + 19^0 + 21^2 = 40 + 53 + 81 + 190 + 212 \\ 576 &:= 2^8 + 3^5 + 7^2 + 17^0 + 27^1 = 28 + 35 + 72 + 170 + 271 & 576 &:= 4^0 + 6^1 + 7^3 + 15^2 + 25^0 = 40 + 61 + 73 + 152 + 250 \\ 576 &:= 3^0 + 3^2 + 6^2 + 22^0 + 23^2 = 30 + 32 + 62 + 220 + 232 & 576 &:= 4^0 + 6^2 + 8^3 + 13^0 + 26^1 = 40 + 62 + 83 + 130 + 261 \\ 576 &:= 3^0 + 3^2 + 9^2 + 20^0 + 22^2 = 30 + 32 + 92 + 200 + 222 & 576 &:= 4^0 + 7^2 + 8^3 + 13^1 + 25^0 = 40 + 72 + 83 + 131 + 250 \\ 576 &:= 3^0 + 3^3 + 10^0 + 18^1 + 23^2 = 30 + 33 + 100 + 181 + 232 & 576 &:= 4^0 + 9^2 + 13^0 + 13^2 + 18^2 = 40 + 92 + 130 + 132 + 182 \\ 576 &:= 3^0 + 5^2 + 15^2 + 16^0 + 18^2 = 30 + 52 + 152 + 160 + 182 & 576 &:= 4^1 + 5^2 + 8^0 + 17^1 + 23^2 = 41 + 52 + 80 + 171 + 232 \\ 576 &:= 3^0 + 5^3 + 8^1 + 20^0 + 21^2 = 30 + 53 + 81 + 200 + 212 & 576 &:= 4^1 + 6^0 + 14^1 + 14^2 + 19^2 = 41 + 60 + 141 + 142 + 192 \\ 576 &:= 3^0 + 6^1 + 7^3 + 15^2 + 26^0 = 30 + 61 + 73 + 152 + 260 & 576 &:= 4^1 + 6^1 + 6^2 + 18^0 + 23^2 = 41 + 61 + 62 + 180 + 232 \\ 576 &:= 3^0 + 6^2 + 8^3 + 14^0 + 26^1 = 30 + 62 + 83 + 140 + 261 & 576 &:= 4^1 + 6^1 + 9^2 + 16^0 + 22^2 = 41 + 61 + 92 + 160 + 222 \\ 576 &:= 3^0 + 7^2 + 8^3 + 13^1 + 26^0 = 30 + 72 + 83 + 131 + 260 & 576 &:= 4^1 + 9^1 + 11^2 + 12^0 + 21^2 = 41 + 91 + 112 + 120 + 212 \\ 576 &:= 3^0 + 9^2 + 13^2 + 14^0 + 18^2 = 30 + 92 + 132 + 140 + 182 & 576 &:= 5^0 + 5^2 + 14^0 + 15^2 + 18^2 = 50 + 52 + 140 + 152 + 182 \\ 576 &:= 3^1 + 10^1 + 11^2 + 12^0 + 21^2 = 31 + 101 + 112 + 120 + 212 & 576 &:= 5^0 + 5^3 + 8^1 + 18^0 + 21^2 = 50 + 53 + 81 + 180 + 212 \\ 576 &:= 3^1 + 3^1 + 13^2 + 18^0 + 20^2 = 31 + 31 + 132 + 180 + 202 & 576 &:= 5^0 + 6^1 + 7^3 + 15^2 + 24^0 = 50 + 61 + 73 + 152 + 240 \\ 576 &:= 3^1 + 5^2 + 8^0 + 18^1 + 23^2 = 31 + 52 + 80 + 181 + 232 & 576 &:= 5^0 + 6^2 + 8^3 + 12^0 + 26^1 = 50 + 62 + 83 + 120 + 261 \end{aligned}$$

$576 := 5^0 + 7^2 + 8^3 + 13^1 + 24^0 = 50 + 72 + 83 + 131 + 240$	$576 := 6^0 + 7^2 + 8^3 + 13^1 + 23^0 = 60 + 72 + 83 + 131 + 230$
$576 := 5^0 + 9^2 + 12^0 + 13^2 + 18^2 = 50 + 92 + 120 + 132 + 182$	$576 := 6^0 + 8^1 + 10^1 + 14^2 + 19^2 = 60 + 81 + 101 + 142 + 192$
$576 := 5^1 + 5^1 + 6^2 + 18^0 + 23^2 = 51 + 51 + 62 + 180 + 232$	$576 := 6^0 + 9^1 + 9^1 + 14^2 + 19^2 = 60 + 91 + 91 + 142 + 192$
$576 := 5^1 + 5^1 + 9^2 + 16^0 + 22^2 = 51 + 51 + 92 + 160 + 222$	$576 := 6^0 + 9^2 + 11^0 + 13^2 + 18^2 = 60 + 92 + 110 + 132 + 182$
$576 := 5^1 + 5^2 + 8^0 + 16^1 + 23^2 = 51 + 52 + 80 + 161 + 232$	$576 := 6^1 + 7^0 + 7^3 + 15^2 + 22^0 = 61 + 70 + 73 + 152 + 220$
$576 := 5^1 + 6^0 + 13^1 + 14^2 + 19^2 = 51 + 60 + 131 + 142 + 192$	$576 := 6^1 + 7^1 + 11^2 + 12^0 + 21^2 = 61 + 71 + 112 + 120 + 212$
$576 := 5^1 + 8^1 + 11^2 + 12^0 + 21^2 = 51 + 81 + 112 + 120 + 212$	$576 := 6^1 + 7^3 + 10^0 + 15^2 + 19^0 = 61 + 73 + 100 + 152 + 190$
$576 := 5^2 + 6^0 + 13^0 + 15^2 + 18^2 = 52 + 60 + 130 + 152 + 182$	$576 := 6^1 + 7^3 + 11^0 + 15^2 + 18^0 = 61 + 73 + 110 + 152 + 180$
$576 := 5^2 + 6^1 + 8^0 + 15^1 + 23^2 = 52 + 61 + 80 + 151 + 232$	$576 := 6^1 + 7^3 + 12^0 + 15^2 + 17^0 = 61 + 73 + 120 + 152 + 170$
$576 := 5^2 + 7^0 + 12^0 + 15^2 + 18^2 = 52 + 70 + 120 + 152 + 182$	$576 := 6^1 + 7^3 + 13^0 + 15^2 + 16^0 = 61 + 73 + 130 + 152 + 160$
$576 := 5^2 + 7^1 + 8^0 + 14^1 + 23^2 = 52 + 71 + 80 + 141 + 232$	$576 := 6^1 + 7^3 + 14^0 + 15^0 + 15^2 = 61 + 73 + 140 + 150 + 152$
$576 := 5^2 + 8^0 + 10^1 + 11^1 + 23^2 = 52 + 80 + 101 + 111 + 232$	$576 := 6^1 + 7^3 + 8^0 + 15^2 + 21^0 = 61 + 73 + 80 + 152 + 210$
$576 := 5^2 + 8^0 + 11^0 + 15^2 + 18^2 = 52 + 80 + 110 + 152 + 182$	$576 := 6^1 + 7^3 + 9^0 + 15^2 + 20^0 = 61 + 73 + 90 + 152 + 200$
$576 := 5^2 + 8^0 + 8^1 + 13^1 + 23^2 = 52 + 80 + 81 + 131 + 232$	$576 := 6^2 + 7^0 + 8^3 + 10^0 + 26^1 = 62 + 70 + 83 + 100 + 261$
$576 := 5^2 + 8^0 + 9^1 + 12^1 + 23^2 = 52 + 80 + 91 + 121 + 232$	$576 := 6^2 + 8^0 + 8^3 + 9^0 + 26^1 = 62 + 80 + 83 + 90 + 261$
$576 := 5^2 + 9^0 + 10^0 + 15^2 + 18^2 = 52 + 90 + 100 + 152 + 182$	$576 := 7^0 + 7^2 + 8^3 + 13^1 + 22^0 = 70 + 72 + 83 + 131 + 220$
$576 := 5^3 + 6^0 + 8^1 + 17^0 + 21^2 = 53 + 60 + 81 + 170 + 212$	$576 := 7^0 + 9^2 + 10^0 + 13^2 + 18^2 = 70 + 92 + 100 + 132 + 182$
$576 := 5^3 + 7^0 + 8^1 + 16^0 + 21^2 = 53 + 70 + 81 + 160 + 212$	$576 := 7^2 + 8^0 + 8^3 + 13^1 + 21^0 = 72 + 80 + 83 + 131 + 210$
$576 := 5^3 + 8^0 + 8^1 + 15^0 + 21^2 = 53 + 80 + 81 + 150 + 212$	$576 := 7^2 + 8^3 + 10^0 + 13^1 + 19^0 = 72 + 83 + 100 + 131 + 190$
$576 := 5^3 + 8^1 + 10^0 + 13^0 + 21^2 = 53 + 81 + 100 + 130 + 212$	$576 := 7^2 + 8^3 + 11^0 + 13^1 + 18^0 = 72 + 83 + 110 + 131 + 180$
$576 := 5^3 + 8^1 + 11^0 + 12^0 + 21^2 = 53 + 81 + 110 + 120 + 212$	$576 := 7^2 + 8^3 + 12^0 + 13^1 + 17^0 = 72 + 83 + 120 + 131 + 170$
$576 := 5^3 + 8^1 + 9^0 + 14^0 + 21^2 = 53 + 81 + 90 + 140 + 212$	$576 := 7^2 + 8^3 + 13^0 + 13^1 + 16^0 = 72 + 83 + 130 + 131 + 160$
$576 := 6^0 + 6^1 + 12^1 + 14^2 + 19^2 = 60 + 61 + 121 + 142 + 192$	$576 := 7^2 + 8^3 + 13^1 + 14^0 + 15^0 = 72 + 83 + 131 + 140 + 150$
$576 := 6^0 + 6^1 + 7^3 + 15^2 + 23^0 = 60 + 61 + 73 + 152 + 230$	$576 := 7^2 + 8^3 + 9^0 + 13^1 + 20^0 = 72 + 83 + 90 + 131 + 200$
$576 := 6^0 + 6^2 + 8^3 + 11^0 + 26^1 = 60 + 62 + 83 + 110 + 261$	$576 := 8^0 + 9^0 + 9^2 + 13^2 + 18^2 = 80 + 90 + 92 + 132 + 182$
$576 := 6^0 + 7^1 + 11^1 + 14^2 + 19^2 = 60 + 71 + 111 + 142 + 192$	

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$577 := 2^4 + 23^2 + 32^1 = 24 + 232 + 321$	$577 := 4^4 + 5^0 + 17^2 + 31^1 = 44 + 50 + 172 + 311$
$577 := 1^0 + 2^4 + 23^2 + 31^1 = 10 + 24 + 232 + 311$	$577 := 6^2 + 11^2 + 20^1 + 20^2 = 62 + 112 + 201 + 202$
$577 := 13^2 + 14^2 + 14^2 + 16^1 = 132 + 142 + 142 + 161$	$577 := 6^2 + 6^3 + 18^2 + 27^0 = 62 + 63 + 182 + 270$
$577 := 2^2 + 4^2 + 23^2 + 28^1 = 22 + 42 + 232 + 281$	$577 := 6^3 + 7^3 + 17^1 + 27^0 = 63 + 73 + 171 + 270$
$577 := 2^2 + 8^2 + 22^2 + 25^1 = 22 + 82 + 222 + 251$	$577 := 7^3 + 8^2 + 13^2 + 29^0 = 73 + 82 + 132 + 290$
$577 := 3^3 + 15^2 + 18^2 + 21^0 = 33 + 152 + 182 + 210$	$577 := 1^0 + 13^2 + 14^2 + 14^2 + 15^1 = 10 + 132 + 142 + 142 + 151$
$577 := 3^3 + 8^3 + 9^0 + 37^1 = 33 + 83 + 90 + 371$	$577 := 1^0 + 2^2 + 4^2 + 23^2 + 27^1 = 10 + 22 + 42 + 232 + 271$
$577 := 3^4 + 11^1 + 21^0 + 22^2 = 34 + 111 + 210 + 222$	$577 := 1^0 + 2^2 + 8^2 + 22^2 + 24^1 = 10 + 22 + 82 + 222 + 241$
$577 := 4^3 + 16^2 + 16^2 + 21^0 = 43 + 162 + 162 + 210$	$577 := 1^0 + 3^2 + 5^3 + 21^2 + 27^0 = 10 + 32 + 53 + 212 + 270$

$$\begin{aligned}
 577 &:= 1^0 + 3^3 + 8^2 + 22^2 + 23^0 = 10 + 33 + 82 + 222 + 230 & 577 &:= 2^2 + 10^1 + 11^2 + 13^0 + 21^2 = 22 + 101 + 112 + 130 + 212 \\
 577 &:= 1^0 + 3^4 + 10^1 + 21^0 + 22^2 = 10 + 34 + 101 + 210 + 222 & 577 &:= 2^2 + 3^1 + 13^2 + 19^0 + 20^2 = 22 + 31 + 132 + 190 + 202 \\
 577 &:= 1^0 + 5^3 + 15^2 + 15^2 + 21^0 = 10 + 53 + 152 + 152 + 210 & 577 &:= 2^2 + 5^2 + 9^0 + 18^1 + 23^2 = 22 + 52 + 90 + 181 + 232 \\
 577 &:= 1^0 + 6^2 + 11^2 + 19^1 + 20^2 = 10 + 62 + 112 + 191 + 202 & 577 &:= 2^2 + 6^2 + 7^1 + 19^0 + 23^2 = 22 + 62 + 71 + 190 + 232 \\
 577 &:= 1^0 + 6^3 + 7^3 + 16^1 + 27^0 = 10 + 63 + 73 + 161 + 270 & 577 &:= 2^2 + 7^0 + 14^2 + 15^1 + 19^2 = 22 + 70 + 142 + 151 + 192 \\
 577 &:= 1^1 + 3^0 + 4^3 + 22^2 + 27^1 = 11 + 30 + 43 + 222 + 271 & 577 &:= 2^2 + 7^1 + 9^2 + 17^0 + 22^2 = 22 + 71 + 92 + 170 + 222 \\
 577 &:= 1^1 + 3^3 + 11^0 + 19^1 + 23^2 = 11 + 33 + 110 + 191 + 232 & 577 &:= 2^5 + 2^9 + 3^2 + 23^1 + 26^0 = 25 + 29 + 32 + 231 + 260 \\
 577 &:= 1^1 + 5^3 + 9^1 + 21^0 + 21^2 = 11 + 53 + 91 + 210 + 212 & 577 &:= 2^6 + 3^5 + 3^5 + 22^0 + 26^1 = 26 + 35 + 35 + 220 + 261 \\
 577 &:= 1^1 + 6^2 + 8^3 + 15^0 + 27^1 = 11 + 62 + 83 + 150 + 271 & 577 &:= 3^0 + 10^2 + 10^2 + 15^1 + 19^2 = 30 + 102 + 102 + 151 + 192 \\
 577 &:= 1^1 + 7^1 + 7^3 + 15^2 + 27^0 = 11 + 71 + 73 + 152 + 270 & 577 &:= 3^0 + 13^1 + 13^2 + 13^2 + 15^2 = 30 + 131 + 132 + 132 + 152 \\
 577 &:= 1^1 + 7^2 + 8^3 + 14^1 + 27^0 = 11 + 72 + 83 + 141 + 270 & 577 &:= 3^0 + 3^1 + 4^3 + 22^2 + 25^1 = 30 + 31 + 43 + 222 + 251 \\
 577 &:= 1^2 + 11^0 + 11^2 + 13^1 + 21^2 = 12 + 110 + 112 + 131 + 212 & 577 &:= 3^0 + 3^2 + 15^2 + 18^1 + 18^2 = 30 + 32 + 152 + 181 + 182 \\
 577 &:= 1^2 + 5^0 + 14^2 + 18^1 + 19^2 = 12 + 50 + 142 + 181 + 192 & 577 &:= 3^0 + 3^2 + 5^3 + 21^2 + 25^0 = 30 + 32 + 53 + 212 + 250 \\
 577 &:= 1^2 + 5^2 + 7^0 + 21^1 + 23^2 = 12 + 52 + 70 + 211 + 232 & 577 &:= 3^0 + 3^3 + 8^2 + 21^0 + 22^2 = 30 + 33 + 82 + 210 + 222 \\
 577 &:= 1^2 + 6^1 + 13^2 + 17^0 + 20^2 = 12 + 61 + 132 + 170 + 202 & 577 &:= 3^0 + 3^4 + 10^1 + 19^0 + 22^2 = 30 + 34 + 101 + 190 + 222 \\
 577 &:= 1^2 + 6^2 + 10^1 + 17^0 + 23^2 = 12 + 62 + 101 + 170 + 232 & 577 &:= 3^0 + 4^1 + 4^3 + 22^2 + 24^1 = 30 + 41 + 43 + 222 + 241 \\
 577 &:= 1^2 + 9^2 + 10^1 + 15^0 + 22^2 = 12 + 92 + 101 + 150 + 222 & 577 &:= 3^0 + 4^2 + 10^2 + 19^1 + 21^2 = 30 + 42 + 102 + 191 + 212 \\
 577 &:= 1^5 + 2^9 + 6^2 + 20^0 + 27^1 = 15 + 29 + 62 + 200 + 271 & 577 &:= 3^0 + 4^3 + 10^1 + 18^1 + 22^2 = 30 + 43 + 101 + 181 + 222 \\
 577 &:= 1^7 + 2^7 + 6^1 + 21^2 + 26^0 = 17 + 27 + 61 + 212 + 260 & 577 &:= 3^0 + 4^3 + 11^1 + 17^1 + 22^2 = 30 + 43 + 111 + 171 + 222 \\
 577 &:= 1^8 + 2^6 + 4^0 + 22^2 + 27^1 = 18 + 26 + 40 + 222 + 271 & 577 &:= 3^0 + 4^3 + 12^1 + 16^1 + 22^2 = 30 + 43 + 121 + 161 + 222 \\
 577 &:= 1^9 + 2^5 + 14^1 + 16^0 + 23^2 = 19 + 25 + 141 + 160 + 232 & 577 &:= 3^0 + 4^3 + 13^1 + 15^1 + 22^2 = 30 + 43 + 131 + 151 + 222 \\
 577 &:= 1^9 + 3^3 + 4^3 + 22^2 + 26^0 = 19 + 33 + 43 + 222 + 260 & 577 &:= 3^0 + 4^3 + 14^1 + 14^1 + 22^2 = 30 + 43 + 141 + 141 + 222 \\
 577 &:= 1^9 + 3^5 + 8^1 + 18^2 + 26^0 = 19 + 35 + 81 + 182 + 260 & 577 &:= 3^0 + 4^3 + 5^1 + 22^2 + 23^1 = 30 + 43 + 51 + 222 + 231 \\
 577 &:= 2^0 + 3^2 + 5^3 + 21^2 + 26^0 = 20 + 32 + 53 + 212 + 260 & 577 &:= 3^0 + 4^3 + 6^1 + 22^1 + 22^2 = 30 + 43 + 61 + 221 + 222 \\
 577 &:= 2^0 + 3^3 + 8^2 + 22^0 + 22^2 = 20 + 33 + 82 + 220 + 222 & 577 &:= 3^0 + 4^3 + 7^1 + 21^1 + 22^2 = 30 + 43 + 71 + 211 + 222 \\
 577 &:= 2^0 + 3^4 + 10^1 + 20^0 + 22^2 = 20 + 34 + 101 + 200 + 222 & 577 &:= 3^0 + 4^3 + 8^1 + 20^1 + 22^2 = 30 + 43 + 81 + 201 + 222 \\
 577 &:= 2^0 + 5^3 + 15^2 + 15^2 + 20^0 = 20 + 53 + 152 + 152 + 200 & 577 &:= 3^0 + 4^3 + 9^1 + 19^1 + 22^2 = 30 + 43 + 91 + 191 + 222 \\
 577 &:= 2^0 + 6^3 + 7^3 + 16^1 + 26^0 = 20 + 63 + 73 + 161 + 260 & 577 &:= 3^0 + 5^3 + 15^2 + 15^2 + 19^0 = 30 + 53 + 152 + 152 + 190 \\
 577 &:= 2^1 + 3^0 + 4^3 + 22^2 + 26^1 = 21 + 30 + 43 + 222 + 261 & 577 &:= 3^0 + 6^2 + 6^2 + 20^1 + 22^2 = 30 + 62 + 62 + 201 + 222 \\
 577 &:= 2^1 + 3^2 + 6^2 + 23^0 + 23^2 = 21 + 32 + 62 + 230 + 232 & 577 &:= 3^0 + 6^2 + 7^3 + 14^2 + 27^0 = 30 + 62 + 73 + 142 + 270 \\
 577 &:= 2^1 + 3^2 + 9^2 + 21^0 + 22^2 = 21 + 32 + 92 + 210 + 222 & 577 &:= 3^0 + 6^2 + 9^2 + 18^1 + 21^2 = 30 + 62 + 92 + 181 + 212 \\
 577 &:= 2^1 + 3^3 + 11^0 + 18^1 + 23^2 = 21 + 33 + 110 + 181 + 232 & 577 &:= 3^0 + 6^3 + 7^3 + 16^1 + 25^0 = 30 + 63 + 73 + 161 + 250 \\
 577 &:= 2^1 + 5^2 + 15^2 + 17^0 + 18^2 = 21 + 52 + 152 + 170 + 182 & 577 &:= 3^0 + 7^2 + 15^1 + 16^2 + 16^2 = 30 + 72 + 151 + 162 + 162 \\
 577 &:= 2^1 + 5^3 + 8^1 + 21^0 + 21^2 = 21 + 53 + 81 + 210 + 212 & 577 &:= 3^0 + 9^2 + 14^1 + 15^2 + 16^2 = 30 + 92 + 141 + 152 + 162 \\
 577 &:= 2^1 + 6^1 + 7^3 + 15^2 + 27^0 = 21 + 61 + 73 + 152 + 270 & 577 &:= 3^1 + 11^2 + 13^0 + 14^2 + 16^2 = 31 + 112 + 130 + 142 + 162 \\
 577 &:= 2^1 + 6^2 + 8^3 + 15^0 + 26^1 = 21 + 62 + 83 + 150 + 261 & 577 &:= 3^1 + 3^3 + 11^0 + 17^1 + 23^2 = 31 + 33 + 110 + 171 + 232 \\
 577 &:= 2^1 + 7^2 + 8^3 + 13^1 + 27^0 = 21 + 72 + 83 + 131 + 270 & 577 &:= 3^1 + 4^2 + 14^2 + 17^0 + 19^2 = 31 + 42 + 142 + 170 + 192 \\
 577 &:= 2^1 + 9^2 + 13^2 + 15^0 + 18^2 = 21 + 92 + 132 + 150 + 182 & 577 &:= 3^1 + 5^1 + 7^3 + 15^2 + 27^0 = 31 + 51 + 73 + 152 + 270
 \end{aligned}$$

$$\begin{aligned} 577 &:= 3^1 + 5^2 + 8^2 + 19^0 + 22^2 = 31 + 52 + 82 + 190 + 222 & 577 &:= 3^4 + 4^0 + 10^1 + 18^0 + 22^2 = 34 + 40 + 101 + 180 + 222 \\ 577 &:= 3^1 + 5^3 + 7^1 + 21^0 + 21^2 = 31 + 53 + 71 + 210 + 212 & 577 &:= 3^4 + 5^0 + 10^1 + 17^0 + 22^2 = 34 + 50 + 101 + 170 + 222 \\ 577 &:= 3^1 + 6^2 + 8^3 + 15^0 + 25^1 = 31 + 62 + 83 + 150 + 251 & 577 &:= 3^4 + 6^0 + 10^1 + 16^0 + 22^2 = 34 + 60 + 101 + 160 + 222 \\ 577 &:= 3^1 + 7^2 + 8^3 + 12^1 + 27^0 = 31 + 72 + 83 + 121 + 270 & 577 &:= 3^4 + 7^0 + 10^1 + 15^0 + 22^2 = 34 + 70 + 101 + 150 + 222 \\ 577 &:= 3^2 + 10^1 + 11^0 + 14^2 + 19^2 = 32 + 101 + 110 + 142 + 192 & 577 &:= 3^4 + 8^0 + 10^1 + 14^0 + 22^2 = 34 + 80 + 101 + 140 + 222 \\ 577 &:= 3^2 + 4^0 + 5^3 + 21^2 + 24^0 = 32 + 40 + 53 + 212 + 240 & 577 &:= 3^4 + 9^0 + 10^1 + 13^0 + 22^2 = 34 + 90 + 101 + 130 + 222 \\ 577 &:= 3^2 + 4^2 + 5^0 + 22^1 + 23^2 = 32 + 42 + 50 + 221 + 232 & 577 &:= 4^0 + 5^3 + 15^2 + 15^2 + 18^0 = 40 + 53 + 152 + 152 + 180 \\ 577 &:= 3^2 + 5^0 + 5^3 + 21^2 + 23^0 = 32 + 50 + 53 + 212 + 230 & 577 &:= 4^0 + 6^2 + 7^3 + 14^2 + 26^0 = 40 + 62 + 73 + 142 + 260 \\ 577 &:= 3^2 + 5^0 + 8^2 + 19^1 + 22^2 = 32 + 50 + 82 + 191 + 222 & 577 &:= 4^0 + 6^3 + 7^3 + 16^1 + 24^0 = 40 + 63 + 73 + 161 + 240 \\ 577 &:= 3^2 + 5^1 + 11^2 + 17^0 + 21^2 = 32 + 51 + 112 + 170 + 212 & 577 &:= 4^1 + 4^1 + 7^3 + 15^2 + 27^0 = 41 + 41 + 73 + 152 + 270 \\ 577 &:= 3^2 + 5^2 + 13^0 + 13^1 + 23^2 = 32 + 52 + 130 + 131 + 232 & 577 &:= 4^1 + 5^3 + 6^1 + 21^0 + 21^2 = 41 + 53 + 61 + 210 + 212 \\ 577 &:= 3^2 + 5^3 + 10^0 + 18^0 + 21^2 = 32 + 53 + 100 + 180 + 212 & 577 &:= 4^1 + 6^2 + 8^3 + 15^0 + 24^1 = 41 + 62 + 83 + 150 + 241 \\ 577 &:= 3^2 + 5^3 + 11^0 + 17^0 + 21^2 = 32 + 53 + 110 + 170 + 212 & 577 &:= 4^1 + 7^2 + 8^3 + 11^1 + 27^0 = 41 + 72 + 83 + 111 + 270 \\ 577 &:= 3^2 + 5^3 + 12^0 + 16^0 + 21^2 = 32 + 53 + 120 + 160 + 212 & 577 &:= 4^2 + 4^2 + 11^0 + 15^1 + 23^2 = 42 + 42 + 110 + 151 + 232 \\ 577 &:= 3^2 + 5^3 + 13^0 + 15^0 + 21^2 = 32 + 53 + 130 + 150 + 212 & 577 &:= 4^2 + 5^0 + 12^2 + 16^1 + 20^2 = 42 + 50 + 122 + 161 + 202 \\ 577 &:= 3^2 + 5^3 + 14^0 + 14^0 + 21^2 = 32 + 53 + 140 + 140 + 212 & 577 &:= 4^2 + 5^0 + 15^1 + 16^2 + 17^2 = 42 + 50 + 151 + 162 + 172 \\ 577 &:= 3^2 + 5^3 + 6^0 + 21^2 + 22^0 = 32 + 53 + 60 + 212 + 220 & 577 &:= 4^2 + 5^2 + 6^1 + 19^0 + 23^2 = 42 + 52 + 61 + 190 + 232 \\ 577 &:= 3^2 + 5^3 + 7^0 + 21^0 + 21^2 = 32 + 53 + 70 + 210 + 212 & 577 &:= 4^2 + 8^2 + 11^0 + 12^1 + 22^2 = 42 + 82 + 110 + 121 + 222 \\ 577 &:= 3^2 + 5^3 + 8^0 + 20^0 + 21^2 = 32 + 53 + 80 + 200 + 212 & 577 &:= 4^2 + 9^0 + 11^1 + 15^2 + 18^2 = 42 + 90 + 111 + 152 + 182 \\ 577 &:= 3^2 + 5^3 + 9^0 + 19^0 + 21^2 = 32 + 53 + 90 + 190 + 212 & 577 &:= 5^0 + 11^1 + 12^2 + 14^2 + 15^2 = 50 + 111 + 122 + 142 + 152 \\ 577 &:= 3^3 + 10^1 + 10^1 + 11^0 + 23^2 = 33 + 101 + 101 + 110 + 232 & 577 &:= 5^0 + 5^2 + 7^2 + 18^1 + 22^2 = 50 + 52 + 72 + 181 + 222 \\ 577 &:= 3^3 + 4^0 + 8^2 + 20^0 + 22^2 = 33 + 40 + 82 + 200 + 222 & 577 &:= 5^0 + 5^2 + 8^3 + 12^1 + 27^1 = 50 + 52 + 83 + 121 + 271 \\ 577 &:= 3^3 + 4^1 + 11^0 + 16^1 + 23^2 = 33 + 41 + 110 + 161 + 232 & 577 &:= 5^0 + 5^2 + 8^3 + 13^1 + 26^1 = 50 + 52 + 83 + 131 + 261 \\ 577 &:= 3^3 + 5^0 + 8^2 + 19^0 + 22^2 = 33 + 50 + 82 + 190 + 222 & 577 &:= 5^0 + 5^2 + 8^3 + 14^1 + 25^1 = 50 + 52 + 83 + 141 + 251 \\ 577 &:= 3^3 + 5^1 + 11^0 + 15^1 + 23^2 = 33 + 51 + 110 + 151 + 232 & 577 &:= 5^0 + 5^2 + 8^3 + 15^1 + 24^1 = 50 + 52 + 83 + 151 + 241 \\ 577 &:= 3^3 + 6^0 + 8^2 + 18^0 + 22^2 = 33 + 60 + 82 + 180 + 222 & 577 &:= 5^0 + 5^2 + 8^3 + 16^1 + 23^1 = 50 + 52 + 83 + 161 + 231 \\ 577 &:= 3^3 + 6^1 + 11^0 + 14^1 + 23^2 = 33 + 61 + 110 + 141 + 232 & 577 &:= 5^0 + 5^2 + 8^3 + 17^1 + 22^1 = 50 + 52 + 83 + 171 + 221 \\ 577 &:= 3^3 + 7^0 + 8^2 + 17^0 + 22^2 = 33 + 70 + 82 + 170 + 222 & 577 &:= 5^0 + 5^2 + 8^3 + 18^1 + 21^1 = 50 + 52 + 83 + 181 + 211 \\ 577 &:= 3^3 + 7^1 + 11^0 + 13^1 + 23^2 = 33 + 71 + 110 + 131 + 232 & 577 &:= 5^0 + 5^2 + 8^3 + 19^1 + 20^1 = 50 + 52 + 83 + 191 + 201 \\ 577 &:= 3^3 + 8^0 + 8^2 + 16^0 + 22^2 = 33 + 80 + 82 + 160 + 222 & 577 &:= 5^0 + 5^3 + 15^2 + 15^2 + 17^0 = 50 + 53 + 152 + 152 + 170 \\ 577 &:= 3^3 + 8^1 + 11^0 + 12^1 + 23^2 = 33 + 81 + 110 + 121 + 232 & 577 &:= 5^0 + 6^2 + 7^3 + 14^2 + 25^0 = 50 + 62 + 73 + 142 + 250 \\ 577 &:= 3^3 + 8^2 + 10^0 + 14^0 + 22^2 = 33 + 82 + 100 + 140 + 222 & 577 &:= 5^0 + 6^3 + 7^3 + 16^1 + 23^0 = 50 + 63 + 73 + 161 + 230 \\ 577 &:= 3^3 + 8^2 + 11^0 + 13^0 + 22^2 = 33 + 82 + 110 + 130 + 222 & 577 &:= 5^0 + 7^2 + 13^1 + 15^2 + 17^2 = 50 + 72 + 131 + 152 + 172 \\ 577 &:= 3^3 + 8^2 + 12^0 + 12^0 + 22^2 = 33 + 82 + 120 + 120 + 222 & 577 &:= 5^0 + 9^2 + 11^2 + 13^1 + 19^2 = 50 + 92 + 112 + 131 + 192 \\ 577 &:= 3^3 + 8^2 + 9^0 + 15^0 + 22^2 = 33 + 82 + 90 + 150 + 222 & 577 &:= 5^0 + 9^2 + 9^2 + 14^1 + 20^2 = 50 + 92 + 92 + 141 + 202 \\ 577 &:= 3^3 + 9^1 + 11^0 + 11^1 + 23^2 = 33 + 91 + 110 + 111 + 232 & 577 &:= 5^1 + 11^0 + 11^2 + 15^2 + 15^2 = 51 + 110 + 112 + 152 + 152 \\ 577 &:= 3^4 + 10^0 + 10^1 + 12^0 + 22^2 = 34 + 100 + 101 + 120 + 222 & 577 &:= 5^1 + 5^1 + 5^3 + 21^0 + 21^2 = 51 + 51 + 53 + 210 + 212 \\ 577 &:= 3^4 + 10^1 + 11^0 + 11^0 + 22^2 = 34 + 101 + 110 + 110 + 222 & 577 &:= 5^1 + 6^2 + 8^3 + 15^0 + 23^1 = 51 + 62 + 83 + 150 + 231 \end{aligned}$$

$$\begin{aligned}
 577 &:= 5^1 + 7^2 + 8^3 + 10^1 + 27^0 = 51 + 72 + 83 + 101 + 270 \\
 577 &:= 5^1 + 7^2 + 9^2 + 15^0 + 21^2 = 51 + 72 + 92 + 150 + 212 \\
 577 &:= 5^2 + 10^1 + 10^2 + 11^0 + 21^2 = 52 + 101 + 102 + 110 + 212 \\
 577 &:= 5^2 + 6^1 + 13^0 + 16^2 + 17^2 = 52 + 61 + 130 + 162 + 172 \\
 577 &:= 5^2 + 7^1 + 12^2 + 13^0 + 20^2 = 52 + 71 + 122 + 130 + 202 \\
 577 &:= 5^3 + 10^0 + 12^0 + 15^2 + 15^2 = 53 + 100 + 120 + 152 + 152 \\
 577 &:= 5^3 + 11^0 + 11^0 + 15^2 + 15^2 = 53 + 110 + 110 + 152 + 152 \\
 577 &:= 5^3 + 6^0 + 15^2 + 15^2 + 16^0 = 53 + 60 + 152 + 152 + 160 \\
 577 &:= 5^3 + 7^0 + 15^0 + 15^2 + 15^2 = 53 + 70 + 150 + 152 + 152 \\
 577 &:= 5^3 + 8^0 + 14^0 + 15^2 + 15^2 = 53 + 80 + 140 + 152 + 152 \\
 577 &:= 5^3 + 9^0 + 13^0 + 15^2 + 15^2 = 53 + 90 + 130 + 152 + 152 \\
 577 &:= 6^0 + 6^2 + 7^3 + 14^2 + 24^0 = 60 + 62 + 73 + 142 + 240 \\
 577 &:= 6^0 + 6^3 + 7^3 + 16^1 + 22^0 = 60 + 63 + 73 + 161 + 220 \\
 577 &:= 6^1 + 6^2 + 8^3 + 15^0 + 22^1 = 61 + 62 + 83 + 150 + 221 \\
 577 &:= 6^1 + 7^2 + 11^2 + 13^0 + 20^2 = 61 + 72 + 112 + 130 + 202 \\
 577 &:= 6^1 + 7^2 + 8^3 + 9^1 + 27^0 = 61 + 72 + 83 + 91 + 270 \\
 577 &:= 6^2 + 7^0 + 7^3 + 14^2 + 23^0 = 62 + 70 + 73 + 142 + 230 \\
 577 &:= 6^2 + 7^1 + 7^2 + 15^0 + 22^2 = 62 + 71 + 72 + 150 + 222 \\
 577 &:= 6^2 + 7^1 + 8^3 + 15^0 + 21^1 = 62 + 71 + 83 + 150 + 211 \\
 577 &:= 6^2 + 7^3 + 10^0 + 14^2 + 20^0 = 62 + 73 + 100 + 142 + 200 \\
 577 &:= 6^2 + 7^3 + 11^0 + 14^2 + 19^0 = 62 + 73 + 110 + 142 + 190 \\
 577 &:= 6^2 + 7^3 + 12^0 + 14^2 + 18^0 = 62 + 73 + 120 + 142 + 180 \\
 577 &:= 6^2 + 7^3 + 13^0 + 14^2 + 17^0 = 62 + 73 + 130 + 142 + 170 \\
 577 &:= 6^2 + 7^3 + 14^0 + 14^2 + 16^0 = 62 + 73 + 140 + 142 + 160 \\
 577 &:= 6^2 + 7^3 + 14^2 + 15^0 + 15^0 = 62 + 73 + 142 + 150 + 150 \\
 577 &:= 6^2 + 7^3 + 8^0 + 14^2 + 22^0 = 62 + 73 + 80 + 142 + 220 \\
 577 &:= 6^2 + 7^3 + 9^0 + 14^2 + 21^0 = 62 + 73 + 90 + 142 + 210
 \end{aligned}$$

$$\begin{aligned}
 577 &:= 6^2 + 8^1 + 8^3 + 15^0 + 20^1 = 62 + 81 + 83 + 150 + 201 \\
 577 &:= 6^2 + 8^3 + 10^1 + 15^0 + 18^1 = 62 + 83 + 101 + 150 + 181 \\
 577 &:= 6^2 + 8^3 + 11^1 + 15^0 + 17^1 = 62 + 83 + 111 + 150 + 171 \\
 577 &:= 6^2 + 8^3 + 12^1 + 15^0 + 16^1 = 62 + 83 + 121 + 150 + 161 \\
 577 &:= 6^2 + 8^3 + 13^1 + 15^0 + 15^1 = 62 + 83 + 131 + 150 + 151 \\
 577 &:= 6^2 + 8^3 + 14^1 + 14^1 + 15^0 = 62 + 83 + 141 + 141 + 150 \\
 577 &:= 6^2 + 8^3 + 9^1 + 15^0 + 19^1 = 62 + 83 + 91 + 150 + 191 \\
 577 &:= 6^2 + 9^0 + 10^1 + 13^2 + 19^2 = 62 + 90 + 101 + 132 + 192 \\
 577 &:= 6^3 + 7^0 + 7^3 + 16^1 + 21^0 = 63 + 70 + 73 + 161 + 210 \\
 577 &:= 6^3 + 7^3 + 10^0 + 16^1 + 18^0 = 63 + 73 + 100 + 161 + 180 \\
 577 &:= 6^3 + 7^3 + 11^0 + 16^1 + 17^0 = 63 + 73 + 110 + 161 + 170 \\
 577 &:= 6^3 + 7^3 + 12^0 + 16^0 + 16^1 = 63 + 73 + 120 + 160 + 161 \\
 577 &:= 6^3 + 7^3 + 13^0 + 15^0 + 16^1 = 63 + 73 + 130 + 150 + 161 \\
 577 &:= 6^3 + 7^3 + 14^0 + 14^0 + 16^1 = 63 + 73 + 140 + 140 + 161 \\
 577 &:= 6^3 + 7^3 + 8^0 + 16^1 + 20^0 = 63 + 73 + 80 + 161 + 200 \\
 577 &:= 6^3 + 7^3 + 9^0 + 16^1 + 19^0 = 63 + 73 + 90 + 161 + 190 \\
 577 &:= 7^0 + 10^1 + 11^2 + 11^2 + 18^2 = 70 + 101 + 112 + 112 + 182 \\
 577 &:= 7^0 + 8^2 + 10^2 + 12^1 + 20^2 = 70 + 82 + 102 + 121 + 202 \\
 577 &:= 7^0 + 9^2 + 10^1 + 14^2 + 17^2 = 70 + 92 + 101 + 142 + 172 \\
 577 &:= 7^1 + 7^2 + 11^0 + 14^2 + 18^2 = 71 + 72 + 110 + 142 + 182 \\
 577 &:= 7^1 + 7^2 + 8^1 + 8^3 + 27^0 = 71 + 72 + 81 + 83 + 270 \\
 577 &:= 7^1 + 8^2 + 11^0 + 12^2 + 19^2 = 71 + 82 + 110 + 122 + 192 \\
 577 &:= 7^1 + 8^2 + 8^2 + 13^0 + 21^2 = 71 + 82 + 82 + 130 + 212 \\
 577 &:= 7^1 + 9^0 + 12^2 + 13^2 + 16^2 = 71 + 90 + 122 + 132 + 162 \\
 577 &:= 8^1 + 9^0 + 10^2 + 12^2 + 18^2 = 81 + 90 + 102 + 122 + 182
 \end{aligned}$$

2.2.479 Number 578

$$\begin{aligned}
 578 &:= 1^6 + 24^2 + 32^0 = 16 + 242 + 320 \\
 578 &:= 1^2 + 4^3 + 8^3 + 44^0 = 12 + 43 + 83 + 440 \\
 578 &:= 1^3 + 2^6 + 2^9 + 51^0 = 13 + 26 + 29 + 510 \\
 578 &:= 1^3 + 8^2 + 8^3 + 40^0 = 13 + 82 + 83 + 400 \\
 578 &:= 1^6 + 2^9 + 4^2 + 49^1 = 16 + 29 + 42 + 491 \\
 578 &:= 1^6 + 2^9 + 4^3 + 49^0 = 16 + 29 + 43 + 490 \\
 578 &:= 1^7 + 2^9 + 8^2 + 45^0 = 17 + 29 + 82 + 450 \\
 578 &:= 1^9 + 2^6 + 8^3 + 45^0 = 19 + 26 + 83 + 450 \\
 578 &:= 2^5 + 16^0 + 16^1 + 23^2 = 25 + 160 + 161 + 232
 \end{aligned}$$

$$\begin{aligned}
 578 &:= 3^5 + 10^1 + 18^2 + 26^0 = 35 + 101 + 182 + 260 \\
 578 &:= 1^0 + 2^5 + 15^1 + 16^0 + 23^2 = 10 + 25 + 151 + 160 + 232 \\
 578 &:= 1^0 + 3^5 + 9^1 + 18^2 + 26^0 = 10 + 35 + 91 + 182 + 260 \\
 578 &:= 1^1 + 3^3 + 15^2 + 18^2 + 20^0 = 11 + 33 + 152 + 182 + 200 \\
 578 &:= 1^1 + 3^4 + 11^1 + 20^0 + 22^2 = 11 + 34 + 111 + 200 + 222 \\
 578 &:= 1^1 + 4^3 + 16^2 + 16^2 + 20^0 = 11 + 43 + 162 + 162 + 200 \\
 578 &:= 1^1 + 6^2 + 6^3 + 18^2 + 26^0 = 11 + 62 + 63 + 182 + 260 \\
 578 &:= 1^1 + 6^3 + 7^3 + 17^1 + 26^0 = 11 + 63 + 73 + 171 + 260 \\
 578 &:= 1^2 + 3^3 + 10^0 + 20^1 + 23^2 = 12 + 33 + 100 + 201 + 232
 \end{aligned}$$

$578 := 1^2 + 5^3 + 10^1 + 20^0 + 21^2 = 12 + 53 + 101 + 200 + 212$	$578 := 2^2 + 3^3 + 12^0 + 17^1 + 23^2 = 22 + 33 + 120 + 171 + 232$
$578 := 1^2 + 7^2 + 8^3 + 15^1 + 26^0 = 12 + 72 + 83 + 151 + 260$	$578 := 2^2 + 4^0 + 4^3 + 22^2 + 25^1 = 22 + 40 + 43 + 222 + 251$
$578 := 1^2 + 7^3 + 8^1 + 15^2 + 26^0 = 12 + 73 + 81 + 152 + 260$	$578 := 2^2 + 4^2 + 14^2 + 18^0 + 19^2 = 22 + 42 + 142 + 180 + 192$
$578 := 1^2 + 8^2 + 16^0 + 16^2 + 16^2 = 12 + 82 + 160 + 162 + 162$	$578 := 2^2 + 5^2 + 8^2 + 20^0 + 22^2 = 22 + 52 + 82 + 200 + 222$
$578 := 1^3 + 10^0 + 11^2 + 14^1 + 21^2 = 13 + 100 + 112 + 141 + 212$	$578 := 2^2 + 5^3 + 7^1 + 21^2 + 22^0 = 22 + 53 + 71 + 212 + 220$
$578 := 1^3 + 4^0 + 14^2 + 19^1 + 19^2 = 13 + 40 + 142 + 191 + 192$	$578 := 2^2 + 6^2 + 8^3 + 16^0 + 25^1 = 22 + 62 + 83 + 160 + 251$
$578 := 1^3 + 5^2 + 6^0 + 22^1 + 23^2 = 13 + 52 + 60 + 221 + 232$	$578 := 2^3 + 10^0 + 12^1 + 14^2 + 19^2 = 23 + 100 + 121 + 142 + 192$
$578 := 1^3 + 6^2 + 11^1 + 16^0 + 23^2 = 13 + 62 + 111 + 160 + 232$	$578 := 2^3 + 2^5 + 2^9 + 25^0 + 25^1 = 23 + 25 + 29 + 250 + 251$
$578 := 1^3 + 7^1 + 13^2 + 16^0 + 20^2 = 13 + 71 + 132 + 160 + 202$	$578 := 2^3 + 4^0 + 4^2 + 23^2 + 24^1 = 23 + 40 + 42 + 232 + 241$
$578 := 1^3 + 9^2 + 11^1 + 14^0 + 22^2 = 13 + 92 + 111 + 140 + 222$	$578 := 2^3 + 4^0 + 8^2 + 21^1 + 22^2 = 23 + 40 + 82 + 211 + 222$
$578 := 1^5 + 2^9 + 4^2 + 22^1 + 27^1 = 15 + 29 + 42 + 221 + 271$	$578 := 2^3 + 4^1 + 6^2 + 22^0 + 23^2 = 23 + 41 + 62 + 220 + 232$
$578 := 1^5 + 2^9 + 4^2 + 23^1 + 26^1 = 15 + 29 + 42 + 231 + 261$	$578 := 2^3 + 4^1 + 9^2 + 20^0 + 22^2 = 23 + 41 + 92 + 200 + 222$
$578 := 1^5 + 2^9 + 4^2 + 24^1 + 25^1 = 15 + 29 + 42 + 241 + 251$	$578 := 2^3 + 5^2 + 12^0 + 15^1 + 23^2 = 23 + 52 + 120 + 151 + 232$
$578 := 1^6 + 2^7 + 10^2 + 18^2 + 25^1 = 16 + 27 + 102 + 182 + 251$	$578 := 2^3 + 6^0 + 7^3 + 15^2 + 27^0 = 23 + 60 + 73 + 152 + 270$
$578 := 1^6 + 2^7 + 13^2 + 16^2 + 24^1 = 16 + 27 + 132 + 162 + 241$	$578 := 2^3 + 7^0 + 7^3 + 15^2 + 26^0 = 23 + 70 + 73 + 152 + 260$
$578 := 1^8 + 2^5 + 6^2 + 22^2 + 25^1 = 18 + 25 + 62 + 222 + 251$	$578 := 2^3 + 7^1 + 11^2 + 16^0 + 21^2 = 23 + 71 + 112 + 160 + 212$
$578 := 1^8 + 2^5 + 9^2 + 21^2 + 23^1 = 18 + 25 + 92 + 212 + 231$	$578 := 2^3 + 7^3 + 10^0 + 15^2 + 23^0 = 23 + 73 + 100 + 152 + 230$
$578 := 1^8 + 2^6 + 16^2 + 16^2 + 21^0 = 18 + 26 + 162 + 162 + 210$	$578 := 2^3 + 7^3 + 11^0 + 15^2 + 22^0 = 23 + 73 + 110 + 152 + 220$
$578 := 1^8 + 2^7 + 7^1 + 21^2 + 25^0 = 18 + 27 + 71 + 212 + 250$	$578 := 2^3 + 7^3 + 12^0 + 15^2 + 21^0 = 23 + 73 + 120 + 152 + 210$
$578 := 1^9 + 2^5 + 12^2 + 20^2 + 21^0 = 19 + 25 + 122 + 202 + 210$	$578 := 2^3 + 7^3 + 13^0 + 15^2 + 20^0 = 23 + 73 + 130 + 152 + 200$
$578 := 1^9 + 4^3 + 5^3 + 19^2 + 27^1 = 19 + 43 + 53 + 192 + 271$	$578 := 2^3 + 7^3 + 14^0 + 15^2 + 19^0 = 23 + 73 + 140 + 152 + 190$
$578 := 10^0 + 10^2 + 10^2 + 11^2 + 16^2 = 100 + 102 + 102 + 112 + 162$	$578 := 2^3 + 7^3 + 15^0 + 15^2 + 18^0 = 23 + 73 + 150 + 152 + 180$
$578 := 2^0 + 2^3 + 15^2 + 18^2 + 20^1 = 20 + 23 + 152 + 182 + 201$	$578 := 2^3 + 7^3 + 15^2 + 16^0 + 17^0 = 23 + 73 + 152 + 160 + 170$
$578 := 2^0 + 2^5 + 15^0 + 15^1 + 23^2 = 20 + 25 + 150 + 151 + 232$	$578 := 2^3 + 7^3 + 8^0 + 15^2 + 25^0 = 23 + 73 + 80 + 152 + 250$
$578 := 2^0 + 3^3 + 13^2 + 19^2 + 20^1 = 20 + 33 + 132 + 192 + 201$	$578 := 2^3 + 7^3 + 9^0 + 15^2 + 24^0 = 23 + 73 + 90 + 152 + 240$
$578 := 2^0 + 3^5 + 9^1 + 18^2 + 25^0 = 20 + 35 + 91 + 182 + 250$	$578 := 2^5 + 3^0 + 14^0 + 15^1 + 23^2 = 25 + 30 + 140 + 151 + 232$
$578 := 2^0 + 4^3 + 13^2 + 18^2 + 20^1 = 20 + 43 + 132 + 182 + 201$	$578 := 2^5 + 4^0 + 13^0 + 15^1 + 23^2 = 25 + 40 + 130 + 151 + 232$
$578 := 2^0 + 4^3 + 7^2 + 21^2 + 23^1 = 20 + 43 + 72 + 212 + 231$	$578 := 2^5 + 5^0 + 12^0 + 15^1 + 23^2 = 25 + 50 + 120 + 151 + 232$
$578 := 2^0 + 4^4 + 8^2 + 16^2 + 27^0 = 20 + 44 + 82 + 162 + 270$	$578 := 2^5 + 6^0 + 11^0 + 15^1 + 23^2 = 25 + 60 + 110 + 151 + 232$
$578 := 2^0 + 6^3 + 13^2 + 13^2 + 23^1 = 20 + 63 + 132 + 132 + 231$	$578 := 2^5 + 7^0 + 10^0 + 15^1 + 23^2 = 25 + 70 + 100 + 151 + 232$
$578 := 2^0 + 6^3 + 9^2 + 16^2 + 24^1 = 20 + 63 + 92 + 162 + 241$	$578 := 2^5 + 8^0 + 9^0 + 15^1 + 23^2 = 25 + 80 + 90 + 151 + 232$
$578 := 2^1 + 3^2 + 5^3 + 21^2 + 26^0 = 21 + 32 + 53 + 212 + 260$	$578 := 2^6 + 2^8 + 4^4 + 21^0 + 27^0 = 26 + 28 + 44 + 210 + 270$
$578 := 2^1 + 3^3 + 8^2 + 22^0 + 22^2 = 21 + 33 + 82 + 220 + 222$	$578 := 2^6 + 2^8 + 4^4 + 22^0 + 26^0 = 26 + 28 + 44 + 220 + 260$
$578 := 2^1 + 3^4 + 10^1 + 20^0 + 22^2 = 21 + 34 + 101 + 200 + 222$	$578 := 2^6 + 2^8 + 4^4 + 23^0 + 25^0 = 26 + 28 + 44 + 230 + 250$
$578 := 2^1 + 5^3 + 15^2 + 15^2 + 20^0 = 21 + 53 + 152 + 152 + 200$	$578 := 2^6 + 2^8 + 4^4 + 24^0 + 24^0 = 26 + 28 + 44 + 240 + 240$
$578 := 2^1 + 6^3 + 7^3 + 16^1 + 26^0 = 21 + 63 + 73 + 161 + 260$	$578 := 2^7 + 2^8 + 13^2 + 15^0 + 24^1 = 27 + 28 + 132 + 150 + 241$
$578 := 2^2 + 11^2 + 14^0 + 14^2 + 16^2 = 22 + 112 + 140 + 142 + 162$	$578 := 2^8 + 2^8 + 8^2 + 17^0 + 27^0 = 28 + 28 + 82 + 170 + 270$
$578 := 2^2 + 2^2 + 13^2 + 20^0 + 20^2 = 22 + 22 + 132 + 200 + 202$	$578 := 2^8 + 2^8 + 8^2 + 18^0 + 26^0 = 28 + 28 + 82 + 180 + 260$

$578 := 2^8 + 2^8 + 8^2 + 19^0 + 25^0$	$= 28 + 28 + 82 + 190 + 250$	$578 := 3^5 + 9^1 + 12^0 + 15^0 + 18^2$	$= 35 + 91 + 120 + 150 + 182$
$578 := 2^8 + 2^8 + 8^2 + 20^0 + 24^0$	$= 28 + 28 + 82 + 200 + 240$	$578 := 3^5 + 9^1 + 13^0 + 14^0 + 18^2$	$= 35 + 91 + 130 + 140 + 182$
$578 := 2^8 + 2^8 + 8^2 + 21^0 + 23^0$	$= 28 + 28 + 82 + 210 + 230$	$578 := 4^0 + 4^4 + 10^1 + 17^2 + 22^1$	$= 40 + 44 + 101 + 172 + 221$
$578 := 2^8 + 2^8 + 8^2 + 22^0 + 22^0$	$= 28 + 28 + 82 + 220 + 220$	$578 := 4^0 + 4^4 + 11^1 + 17^2 + 21^1$	$= 40 + 44 + 111 + 172 + 211$
$578 := 3^0 + 3^5 + 9^1 + 18^2 + 24^0$	$= 30 + 35 + 91 + 182 + 240$	$578 := 4^0 + 4^4 + 12^1 + 17^2 + 20^1$	$= 40 + 44 + 121 + 172 + 201$
$578 := 3^0 + 4^4 + 8^2 + 16^2 + 26^0$	$= 30 + 44 + 82 + 162 + 260$	$578 := 4^0 + 4^4 + 13^1 + 17^2 + 19^1$	$= 40 + 44 + 131 + 172 + 191$
$578 := 3^1 + 3^4 + 9^1 + 20^0 + 22^2$	$= 31 + 34 + 91 + 200 + 222$	$578 := 4^0 + 4^4 + 14^1 + 17^2 + 18^1$	$= 40 + 44 + 141 + 172 + 181$
$578 := 3^1 + 5^3 + 7^2 + 20^2 + 22^0$	$= 31 + 53 + 72 + 202 + 220$	$578 := 4^0 + 4^4 + 15^1 + 17^1 + 17^2$	$= 40 + 44 + 151 + 171 + 172$
$578 := 3^1 + 6^3 + 7^3 + 15^1 + 26^0$	$= 31 + 63 + 73 + 151 + 260$	$578 := 4^0 + 4^4 + 16^1 + 16^1 + 17^2$	$= 40 + 44 + 161 + 161 + 172$
$578 := 3^2 + 10^2 + 12^2 + 14^0 + 18^2$	$= 32 + 102 + 122 + 140 + 182$	$578 := 4^0 + 4^4 + 5^1 + 17^2 + 27^1$	$= 40 + 44 + 51 + 172 + 271$
$578 := 3^2 + 3^3 + 12^1 + 16^0 + 23^2$	$= 32 + 33 + 121 + 160 + 232$	$578 := 4^0 + 4^4 + 6^1 + 17^2 + 26^1$	$= 40 + 44 + 61 + 172 + 261$
$578 := 3^2 + 4^3 + 8^0 + 20^1 + 22^2$	$= 32 + 43 + 80 + 201 + 222$	$578 := 4^0 + 4^4 + 7^1 + 17^2 + 25^1$	$= 40 + 44 + 71 + 172 + 251$
$578 := 3^2 + 6^2 + 8^3 + 20^0 + 20^1$	$= 32 + 62 + 83 + 200 + 201$	$578 := 4^0 + 4^4 + 8^1 + 17^2 + 24^1$	$= 40 + 44 + 81 + 172 + 241$
$578 := 3^3 + 4^2 + 5^1 + 22^0 + 23^2$	$= 33 + 42 + 51 + 220 + 232$	$578 := 4^0 + 4^4 + 8^2 + 16^2 + 25^0$	$= 40 + 44 + 82 + 162 + 250$
$578 := 3^3 + 5^1 + 16^0 + 16^2 + 17^2$	$= 33 + 51 + 160 + 162 + 172$	$578 := 4^0 + 4^4 + 9^1 + 17^2 + 23^1$	$= 40 + 44 + 91 + 172 + 231$
$578 := 3^3 + 6^1 + 12^2 + 16^0 + 20^2$	$= 33 + 61 + 122 + 160 + 202$	$578 := 4^0 + 5^3 + 12^2 + 17^2 + 19^1$	$= 40 + 53 + 122 + 172 + 191$
$578 := 3^3 + 7^2 + 8^0 + 17^1 + 22^2$	$= 33 + 72 + 80 + 171 + 222$	$578 := 4^0 + 6^3 + 12^2 + 14^2 + 21^1$	$= 40 + 63 + 122 + 142 + 211$
$578 := 3^3 + 8^0 + 8^3 + 11^1 + 27^1$	$= 33 + 80 + 83 + 111 + 271$	$578 := 4^0 + 6^3 + 7^2 + 17^2 + 23^1$	$= 40 + 63 + 72 + 172 + 231$
$578 := 3^3 + 8^0 + 8^3 + 12^1 + 26^1$	$= 33 + 80 + 83 + 121 + 261$	$578 := 4^0 + 7^3 + 8^2 + 12^2 + 26^1$	$= 40 + 73 + 82 + 122 + 261$
$578 := 3^3 + 8^0 + 8^3 + 13^1 + 25^1$	$= 33 + 80 + 83 + 131 + 251$	$578 := 4^1 + 4^3 + 5^2 + 22^0 + 22^2$	$= 41 + 43 + 52 + 220 + 222$
$578 := 3^3 + 8^0 + 8^3 + 14^1 + 24^1$	$= 33 + 80 + 83 + 141 + 241$	$578 := 4^1 + 6^3 + 7^3 + 14^1 + 26^0$	$= 41 + 63 + 73 + 141 + 260$
$578 := 3^3 + 8^0 + 8^3 + 15^1 + 23^1$	$= 33 + 80 + 83 + 151 + 231$	$578 := 4^2 + 10^2 + 10^2 + 14^0 + 19^2$	$= 42 + 102 + 102 + 140 + 192$
$578 := 3^3 + 8^0 + 8^3 + 16^1 + 22^1$	$= 33 + 80 + 83 + 161 + 221$	$578 := 4^2 + 12^0 + 13^2 + 14^2 + 14^2$	$= 42 + 120 + 132 + 142 + 142$
$578 := 3^3 + 8^0 + 8^3 + 17^1 + 21^1$	$= 33 + 80 + 83 + 171 + 211$	$578 := 4^2 + 4^2 + 16^0 + 16^2 + 17^2$	$= 42 + 42 + 160 + 162 + 172$
$578 := 3^3 + 8^0 + 8^3 + 18^1 + 20^1$	$= 33 + 80 + 83 + 181 + 201$	$578 := 4^2 + 4^2 + 4^2 + 22^0 + 23^2$	$= 42 + 42 + 42 + 220 + 232$
$578 := 3^3 + 8^0 + 8^3 + 19^1 + 19^1$	$= 33 + 80 + 83 + 191 + 191$	$578 := 4^2 + 4^3 + 13^1 + 14^0 + 22^2$	$= 42 + 43 + 131 + 140 + 222$
$578 := 3^3 + 9^1 + 10^2 + 14^0 + 21^2$	$= 33 + 91 + 102 + 140 + 212$	$578 := 4^2 + 5^2 + 8^3 + 16^0 + 24^1$	$= 42 + 52 + 83 + 160 + 241$
$578 := 3^4 + 4^1 + 8^1 + 20^0 + 22^2$	$= 34 + 41 + 81 + 200 + 222$	$578 := 4^2 + 6^2 + 8^3 + 13^1 + 26^0$	$= 42 + 62 + 83 + 131 + 260$
$578 := 3^4 + 5^1 + 7^1 + 20^0 + 22^2$	$= 34 + 51 + 71 + 200 + 222$	$578 := 4^2 + 6^3 + 8^0 + 18^2 + 21^1$	$= 42 + 63 + 80 + 182 + 211$
$578 := 3^4 + 6^1 + 6^1 + 20^0 + 22^2$	$= 34 + 61 + 61 + 200 + 222$	$578 := 4^2 + 7^2 + 14^0 + 16^2 + 16^2$	$= 42 + 72 + 140 + 162 + 162$
$578 := 3^5 + 4^0 + 9^1 + 18^2 + 23^0$	$= 35 + 40 + 91 + 182 + 230$	$578 := 4^2 + 7^3 + 10^0 + 14^2 + 22^1$	$= 42 + 73 + 100 + 142 + 221$
$578 := 3^5 + 5^0 + 9^1 + 18^2 + 22^0$	$= 35 + 50 + 91 + 182 + 220$	$578 := 4^3 + 10^0 + 10^2 + 13^1 + 20^2$	$= 43 + 100 + 102 + 131 + 202$
$578 := 3^5 + 6^0 + 9^1 + 18^2 + 21^0$	$= 35 + 60 + 91 + 182 + 210$	$578 := 4^3 + 6^0 + 7^3 + 13^2 + 27^0$	$= 43 + 60 + 73 + 132 + 270$
$578 := 3^5 + 7^0 + 9^1 + 18^2 + 20^0$	$= 35 + 70 + 91 + 182 + 200$	$578 := 4^3 + 7^0 + 7^3 + 13^2 + 26^0$	$= 43 + 70 + 73 + 132 + 260$
$578 := 3^5 + 8^0 + 9^1 + 18^2 + 19^0$	$= 35 + 80 + 91 + 182 + 190$	$578 := 4^3 + 7^3 + 10^0 + 13^2 + 23^0$	$= 43 + 73 + 100 + 132 + 230$
$578 := 3^5 + 9^0 + 9^1 + 18^0 + 18^2$	$= 35 + 90 + 91 + 180 + 182$	$578 := 4^3 + 7^3 + 11^0 + 13^2 + 22^0$	$= 43 + 73 + 110 + 132 + 220$
$578 := 3^5 + 9^1 + 10^0 + 17^0 + 18^2$	$= 35 + 91 + 100 + 170 + 182$	$578 := 4^3 + 7^3 + 12^0 + 13^2 + 21^0$	$= 43 + 73 + 120 + 132 + 210$
$578 := 3^5 + 9^1 + 11^0 + 16^0 + 18^2$	$= 35 + 91 + 110 + 160 + 182$	$578 := 4^3 + 7^3 + 13^0 + 13^2 + 20^0$	$= 43 + 73 + 130 + 132 + 200$

$578 := 4^3 + 7^3 + 13^2 + 14^0 + 19^0$	$= 43 + 73 + 132 + 140 + 190$	$578 := 6^0 + 6^3 + 6^3 + 12^2 + 27^0$	$= 60 + 63 + 63 + 122 + 270$
$578 := 4^3 + 7^3 + 13^2 + 15^0 + 18^0$	$= 43 + 73 + 132 + 150 + 180$	$578 := 6^1 + 6^3 + 7^3 + 12^1 + 26^0$	$= 61 + 63 + 73 + 121 + 260$
$578 := 4^3 + 7^3 + 13^2 + 16^0 + 17^0$	$= 43 + 73 + 132 + 160 + 170$	$578 := 6^2 + 6^2 + 12^2 + 14^0 + 19^2$	$= 62 + 62 + 122 + 140 + 192$
$578 := 4^3 + 7^3 + 8^0 + 13^2 + 25^0$	$= 43 + 73 + 80 + 132 + 250$	$578 := 6^2 + 6^2 + 8^2 + 16^0 + 21^2$	$= 62 + 62 + 82 + 160 + 212$
$578 := 4^3 + 7^3 + 9^0 + 13^2 + 24^0$	$= 43 + 73 + 90 + 132 + 240$	$578 := 6^3 + 10^0 + 11^2 + 15^1 + 15^2$	$= 63 + 100 + 112 + 151 + 152$
$578 := 4^3 + 8^1 + 12^2 + 14^0 + 19^2$	$= 43 + 81 + 122 + 140 + 192$	$578 := 6^3 + 6^3 + 10^0 + 12^2 + 23^0$	$= 63 + 63 + 100 + 122 + 230$
$578 := 4^3 + 8^1 + 8^2 + 16^0 + 21^2$	$= 43 + 81 + 82 + 160 + 212$	$578 := 6^3 + 6^3 + 11^0 + 12^2 + 22^0$	$= 63 + 63 + 110 + 122 + 220$
$578 := 4^4 + 5^0 + 8^2 + 16^2 + 24^0$	$= 44 + 50 + 82 + 162 + 240$	$578 := 6^3 + 6^3 + 12^0 + 12^2 + 21^0$	$= 63 + 63 + 120 + 122 + 210$
$578 := 4^4 + 6^0 + 8^2 + 16^2 + 23^0$	$= 44 + 60 + 82 + 162 + 230$	$578 := 6^3 + 6^3 + 12^2 + 13^0 + 20^0$	$= 63 + 63 + 122 + 130 + 200$
$578 := 4^4 + 7^0 + 8^2 + 16^2 + 22^0$	$= 44 + 70 + 82 + 162 + 220$	$578 := 6^3 + 6^3 + 12^2 + 14^0 + 19^0$	$= 63 + 63 + 122 + 140 + 190$
$578 := 4^4 + 8^0 + 8^2 + 16^2 + 21^0$	$= 44 + 80 + 82 + 162 + 210$	$578 := 6^3 + 6^3 + 12^2 + 15^0 + 18^0$	$= 63 + 63 + 122 + 150 + 180$
$578 := 4^4 + 8^2 + 10^0 + 16^2 + 19^0$	$= 44 + 82 + 100 + 162 + 190$	$578 := 6^3 + 6^3 + 12^2 + 16^0 + 17^0$	$= 63 + 63 + 122 + 160 + 170$
$578 := 4^4 + 8^2 + 11^0 + 16^2 + 18^0$	$= 44 + 82 + 110 + 162 + 180$	$578 := 6^3 + 6^3 + 7^0 + 12^2 + 26^0$	$= 63 + 63 + 70 + 122 + 260$
$578 := 4^4 + 8^2 + 12^0 + 16^2 + 17^0$	$= 44 + 82 + 120 + 162 + 170$	$578 := 6^3 + 6^3 + 8^0 + 12^2 + 25^0$	$= 63 + 63 + 80 + 122 + 250$
$578 := 4^4 + 8^2 + 13^0 + 16^0 + 16^2$	$= 44 + 82 + 130 + 160 + 162$	$578 := 6^3 + 6^3 + 9^0 + 12^2 + 24^0$	$= 63 + 63 + 90 + 122 + 240$
$578 := 4^4 + 8^2 + 14^0 + 15^0 + 16^2$	$= 44 + 82 + 140 + 150 + 162$	$578 := 6^3 + 7^1 + 7^3 + 11^1 + 26^0$	$= 63 + 71 + 73 + 111 + 260$
$578 := 4^4 + 8^2 + 9^0 + 16^2 + 20^0$	$= 44 + 82 + 90 + 162 + 200$	$578 := 6^3 + 7^3 + 8^1 + 10^1 + 26^0$	$= 63 + 73 + 81 + 101 + 260$
$578 := 5^1 + 6^3 + 10^2 + 16^2 + 20^0$	$= 51 + 63 + 102 + 162 + 200$	$578 := 6^3 + 7^3 + 9^1 + 9^1 + 26^0$	$= 63 + 73 + 91 + 91 + 260$
$578 := 5^1 + 6^3 + 7^3 + 13^1 + 26^0$	$= 51 + 63 + 73 + 131 + 260$	$578 := 6^3 + 8^1 + 8^2 + 17^2 + 18^0$	$= 63 + 81 + 82 + 172 + 180$
$578 := 5^2 + 10^2 + 12^0 + 14^2 + 16^2$	$= 52 + 102 + 120 + 142 + 162$	$578 := 7^2 + 7^3 + 13^2 + 14^0 + 16^1$	$= 72 + 73 + 132 + 140 + 161$
$578 := 5^2 + 5^2 + 8^3 + 15^1 + 24^0$	$= 52 + 52 + 83 + 151 + 240$	$578 := 7^2 + 8^2 + 8^2 + 14^0 + 20^2$	$= 72 + 82 + 82 + 140 + 202$
$578 := 5^2 + 6^3 + 12^1 + 16^0 + 18^2$	$= 52 + 63 + 121 + 160 + 182$	$578 := 7^3 + 10^2 + 11^2 + 13^1 + 16^0$	$= 73 + 102 + 112 + 131 + 160$
$578 := 5^2 + 7^3 + 13^1 + 14^2 + 18^0$	$= 52 + 73 + 131 + 142 + 180$	$578 := 7^3 + 9^1 + 9^2 + 12^2 + 20^0$	$= 73 + 91 + 92 + 122 + 200$
$578 := 5^3 + 6^2 + 10^0 + 16^1 + 20^2$	$= 53 + 62 + 100 + 161 + 202$	$578 := 8^2 + 10^0 + 11^2 + 14^2 + 14^2$	$= 82 + 100 + 112 + 142 + 142$
$578 := 5^3 + 7^1 + 11^2 + 16^0 + 18^2$	$= 53 + 71 + 112 + 160 + 182$	$578 := 8^2 + 10^0 + 12^2 + 12^2 + 15^2$	$= 82 + 100 + 122 + 122 + 152$
$578 := 5^3 + 9^2 + 10^1 + 14^0 + 19^2$	$= 53 + 92 + 101 + 140 + 192$		

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$579 := 1^0 + 1^7 + 24^2 + 31^0$	$= 10 + 17 + 242 + 310$	$579 := 1^7 + 13^0 + 19^0 + 24^2$	$= 17 + 130 + 190 + 242$
$579 := 1^1 + 1^6 + 24^2 + 31^0$	$= 11 + 16 + 242 + 310$	$579 := 1^7 + 14^0 + 18^0 + 24^2$	$= 17 + 140 + 180 + 242$
$579 := 1^2 + 1^5 + 24^2 + 31^0$	$= 12 + 15 + 242 + 310$	$579 := 1^7 + 15^0 + 17^0 + 24^2$	$= 17 + 150 + 170 + 242$
$579 := 1^3 + 1^4 + 24^2 + 31^0$	$= 13 + 14 + 242 + 310$	$579 := 1^7 + 16^0 + 16^0 + 24^2$	$= 17 + 160 + 160 + 242$
$579 := 1^3 + 4^3 + 22^2 + 30^1$	$= 13 + 43 + 222 + 301$	$579 := 1^7 + 2^0 + 24^2 + 30^0$	$= 17 + 20 + 242 + 300$
$579 := 1^4 + 6^3 + 19^2 + 31^0$	$= 14 + 63 + 192 + 310$	$579 := 1^7 + 3^0 + 24^2 + 29^0$	$= 17 + 30 + 242 + 290$
$579 := 1^7 + 10^0 + 22^0 + 24^2$	$= 17 + 100 + 220 + 242$	$579 := 1^7 + 4^0 + 24^2 + 28^0$	$= 17 + 40 + 242 + 280$
$579 := 1^7 + 11^0 + 21^0 + 24^2$	$= 17 + 110 + 210 + 242$	$579 := 1^7 + 5^0 + 24^2 + 27^0$	$= 17 + 50 + 242 + 270$
$579 := 1^7 + 12^0 + 20^0 + 24^2$	$= 17 + 120 + 200 + 242$	$579 := 1^7 + 6^0 + 24^2 + 26^0$	$= 17 + 60 + 242 + 260$

$579 := 1^7 + 7^0 + 24^2 + 25^0$	$= 17 + 70 + 242 + 250$	$579 := 1^2 + 4^3 + 14^1 + 16^1 + 22^2$	$= 12 + 43 + 141 + 161 + 222$
$579 := 1^7 + 8^0 + 24^0 + 24^2$	$= 17 + 80 + 240 + 242$	$579 := 1^2 + 4^3 + 15^1 + 15^1 + 22^2$	$= 12 + 43 + 151 + 151 + 222$
$579 := 1^7 + 9^0 + 23^0 + 24^2$	$= 17 + 90 + 230 + 242$	$579 := 1^2 + 4^3 + 5^1 + 22^2 + 25^1$	$= 12 + 43 + 51 + 222 + 251$
$579 := 1^8 + 1^9 + 24^2 + 30^0$	$= 18 + 19 + 242 + 300$	$579 := 1^2 + 4^3 + 6^1 + 22^2 + 24^1$	$= 12 + 43 + 61 + 222 + 241$
$579 := 2^2 + 2^4 + 23^2 + 30^1$	$= 22 + 24 + 232 + 301$	$579 := 1^2 + 4^3 + 7^1 + 22^2 + 23^1$	$= 12 + 43 + 71 + 222 + 231$
$579 := 2^3 + 4^2 + 8^3 + 43^1$	$= 23 + 42 + 83 + 431$	$579 := 1^2 + 4^3 + 8^1 + 22^1 + 22^2$	$= 12 + 43 + 81 + 221 + 222$
$579 := 2^3 + 6^3 + 18^2 + 31^1$	$= 23 + 63 + 182 + 311$	$579 := 1^2 + 4^3 + 9^1 + 21^1 + 22^2$	$= 12 + 43 + 91 + 211 + 222$
$579 := 2^5 + 8^3 + 13^0 + 34^1$	$= 25 + 83 + 130 + 341$	$579 := 1^2 + 5^3 + 14^2 + 16^2 + 21^0$	$= 12 + 53 + 142 + 162 + 210$
$579 := 2^6 + 3^0 + 22^2 + 30^1$	$= 26 + 30 + 222 + 301$	$579 := 1^2 + 6^2 + 6^2 + 22^1 + 22^2$	$= 12 + 62 + 62 + 221 + 222$
$579 := 4^3 + 5^3 + 19^2 + 29^1$	$= 43 + 53 + 192 + 291$	$579 := 1^2 + 6^2 + 9^2 + 20^1 + 21^2$	$= 12 + 62 + 92 + 201 + 212$
$579 := 4^4 + 6^2 + 16^2 + 31^1$	$= 44 + 62 + 162 + 311$	$579 := 1^2 + 6^3 + 7^3 + 18^1 + 25^0$	$= 12 + 63 + 73 + 181 + 250$
$579 := 1^0 + 2^5 + 16^2 + 17^2 + 21^0$	$= 10 + 25 + 162 + 172 + 210$	$579 := 1^2 + 7^2 + 16^2 + 16^2 + 17^1$	$= 12 + 72 + 162 + 162 + 171$
$579 := 1^0 + 2^5 + 4^2 + 23^2 + 27^0$	$= 10 + 25 + 42 + 232 + 270$	$579 := 1^2 + 9^2 + 15^2 + 16^1 + 16^2$	$= 12 + 92 + 152 + 161 + 162$
$579 := 1^0 + 2^6 + 8^3 + 19^0 + 27^0$	$= 10 + 26 + 83 + 190 + 270$	$579 := 1^3 + 12^2 + 12^2 + 15^0 + 17^2$	$= 13 + 122 + 122 + 150 + 172$
$579 := 1^0 + 2^6 + 8^3 + 20^0 + 26^0$	$= 10 + 26 + 83 + 200 + 260$	$579 := 1^3 + 3^3 + 9^0 + 21^1 + 23^2$	$= 13 + 33 + 90 + 211 + 232$
$579 := 1^0 + 2^6 + 8^3 + 21^0 + 25^0$	$= 10 + 26 + 83 + 210 + 250$	$579 := 1^3 + 4^3 + 8^3 + 17^0 + 27^0$	$= 13 + 43 + 83 + 170 + 270$
$579 := 1^0 + 2^6 + 8^3 + 22^0 + 24^0$	$= 10 + 26 + 83 + 220 + 240$	$579 := 1^3 + 4^3 + 8^3 + 18^0 + 26^0$	$= 13 + 43 + 83 + 180 + 260$
$579 := 1^0 + 2^6 + 8^3 + 23^0 + 23^0$	$= 10 + 26 + 83 + 230 + 230$	$579 := 1^3 + 4^3 + 8^3 + 19^0 + 25^0$	$= 13 + 43 + 83 + 190 + 250$
$579 := 1^1 + 2^3 + 15^2 + 18^2 + 21^1$	$= 11 + 23 + 152 + 182 + 211$	$579 := 1^3 + 4^3 + 8^3 + 20^0 + 24^0$	$= 13 + 43 + 83 + 200 + 240$
$579 := 1^1 + 2^5 + 15^0 + 16^1 + 23^2$	$= 11 + 25 + 150 + 161 + 232$	$579 := 1^3 + 4^3 + 8^3 + 21^0 + 23^0$	$= 13 + 43 + 83 + 210 + 230$
$579 := 1^1 + 3^3 + 13^2 + 19^2 + 21^1$	$= 11 + 33 + 132 + 192 + 211$	$579 := 1^3 + 4^3 + 8^3 + 22^0 + 22^0$	$= 13 + 43 + 83 + 220 + 220$
$579 := 1^1 + 3^5 + 10^1 + 18^2 + 25^0$	$= 11 + 35 + 101 + 182 + 250$	$579 := 1^3 + 5^3 + 11^1 + 19^0 + 21^2$	$= 13 + 53 + 111 + 190 + 212$
$579 := 1^1 + 4^3 + 13^2 + 18^2 + 21^1$	$= 11 + 43 + 132 + 182 + 211$	$579 := 1^3 + 6^2 + 10^2 + 19^0 + 21^2$	$= 13 + 62 + 102 + 190 + 212$
$579 := 1^1 + 4^3 + 7^2 + 21^2 + 24^1$	$= 11 + 43 + 72 + 212 + 241$	$579 := 1^3 + 7^2 + 8^3 + 16^1 + 25^0$	$= 13 + 72 + 83 + 161 + 250$
$579 := 1^1 + 6^3 + 13^2 + 13^2 + 24^1$	$= 11 + 63 + 132 + 132 + 241$	$579 := 1^3 + 7^3 + 9^1 + 15^2 + 25^0$	$= 13 + 73 + 91 + 152 + 250$
$579 := 1^1 + 6^3 + 9^2 + 16^2 + 25^1$	$= 11 + 63 + 92 + 162 + 251$	$579 := 1^4 + 2^6 + 2^9 + 24^0 + 27^0$	$= 14 + 26 + 29 + 240 + 270$
$579 := 1^2 + 10^2 + 10^2 + 17^1 + 19^2$	$= 12 + 102 + 102 + 171 + 192$	$579 := 1^4 + 2^6 + 2^9 + 25^0 + 26^0$	$= 14 + 26 + 29 + 250 + 260$
$579 := 1^2 + 13^2 + 13^2 + 15^1 + 15^2$	$= 12 + 132 + 132 + 151 + 152$	$579 := 1^4 + 3^0 + 14^2 + 19^2 + 20^1$	$= 14 + 30 + 142 + 192 + 201$
$579 := 1^2 + 2^3 + 13^2 + 20^2 + 21^0$	$= 12 + 23 + 132 + 202 + 210$	$579 := 1^4 + 5^0 + 5^2 + 23^1 + 23^2$	$= 14 + 50 + 52 + 231 + 232$
$579 := 1^2 + 3^1 + 4^3 + 22^2 + 27^1$	$= 12 + 31 + 43 + 222 + 271$	$579 := 1^4 + 6^2 + 12^1 + 15^0 + 23^2$	$= 14 + 62 + 121 + 150 + 232$
$579 := 1^2 + 3^2 + 15^2 + 18^2 + 20^1$	$= 12 + 32 + 152 + 182 + 201$	$579 := 1^4 + 8^1 + 13^2 + 15^0 + 20^2$	$= 14 + 81 + 132 + 150 + 202$
$579 := 1^2 + 3^4 + 12^1 + 19^0 + 22^2$	$= 12 + 34 + 121 + 190 + 222$	$579 := 1^4 + 8^2 + 8^3 + 13^0 + 27^0$	$= 14 + 82 + 83 + 130 + 270$
$579 := 1^2 + 4^1 + 4^3 + 22^2 + 26^1$	$= 12 + 41 + 43 + 222 + 261$	$579 := 1^4 + 8^2 + 8^3 + 14^0 + 26^0$	$= 14 + 82 + 83 + 140 + 260$
$579 := 1^2 + 4^2 + 10^2 + 21^1 + 21^2$	$= 12 + 42 + 102 + 211 + 212$	$579 := 1^4 + 8^2 + 8^3 + 15^0 + 25^0$	$= 14 + 82 + 83 + 150 + 250$
$579 := 1^2 + 4^3 + 10^1 + 20^1 + 22^2$	$= 12 + 43 + 101 + 201 + 222$	$579 := 1^4 + 8^2 + 8^3 + 16^0 + 24^0$	$= 14 + 82 + 83 + 160 + 240$
$579 := 1^2 + 4^3 + 11^1 + 19^1 + 22^2$	$= 12 + 43 + 111 + 191 + 222$	$579 := 1^4 + 8^2 + 8^3 + 17^0 + 23^0$	$= 14 + 82 + 83 + 170 + 230$
$579 := 1^2 + 4^3 + 12^1 + 18^1 + 22^2$	$= 12 + 43 + 121 + 181 + 222$	$579 := 1^4 + 8^2 + 8^3 + 18^0 + 22^0$	$= 14 + 82 + 83 + 180 + 220$
$579 := 1^2 + 4^3 + 13^1 + 17^1 + 22^2$	$= 12 + 43 + 131 + 171 + 222$	$579 := 1^4 + 8^2 + 8^3 + 19^0 + 21^0$	$= 14 + 82 + 83 + 190 + 210$

$$\begin{array}{ll}
 579 := 1^4 + 8^2 + 8^3 + 20^0 + 20^0 & = 14 + 82 + 83 + 200 + 200 \\
 579 := 1^4 + 9^0 + 11^2 + 15^1 + 21^2 & = 14 + 90 + 112 + 151 + 212 \\
 579 := 1^4 + 9^2 + 12^1 + 13^0 + 22^2 & = 14 + 92 + 121 + 130 + 222 \\
 579 := 1^7 + 2^9 + 4^3 + 22^0 + 27^0 & = 17 + 29 + 43 + 220 + 270 \\
 579 := 1^7 + 2^9 + 4^3 + 23^0 + 26^0 & = 17 + 29 + 43 + 230 + 260 \\
 579 := 1^7 + 2^9 + 4^3 + 24^0 + 25^0 & = 17 + 29 + 43 + 240 + 250 \\
 579 := 1^8 + 2^7 + 7^2 + 20^2 + 26^0 & = 18 + 27 + 72 + 202 + 260 \\
 579 := 1^8 + 2^9 + 8^2 + 18^0 + 27^0 & = 18 + 29 + 82 + 180 + 270 \\
 579 := 1^8 + 2^9 + 8^2 + 19^0 + 26^0 & = 18 + 29 + 82 + 190 + 260 \\
 579 := 1^8 + 2^9 + 8^2 + 20^0 + 25^0 & = 18 + 29 + 82 + 200 + 250 \\
 579 := 1^8 + 2^9 + 8^2 + 21^0 + 24^0 & = 18 + 29 + 82 + 210 + 240 \\
 579 := 1^8 + 2^9 + 8^2 + 22^0 + 23^0 & = 18 + 29 + 82 + 220 + 230 \\
 579 := 1^9 + 2^7 + 8^1 + 21^2 + 24^0 & = 19 + 27 + 81 + 212 + 240 \\
 579 := 10^1 + 10^2 + 10^2 + 12^2 + 15^2 & = 101 + 102 + 102 + 122 + 152 \\
 579 := 2^0 + 2^5 + 16^2 + 17^2 + 20^0 & = 20 + 25 + 162 + 172 + 200 \\
 579 := 2^0 + 2^5 + 4^2 + 23^2 + 26^0 & = 20 + 25 + 42 + 232 + 260 \\
 579 := 2^0 + 2^6 + 8^3 + 18^0 + 27^0 & = 20 + 26 + 83 + 180 + 270 \\
 579 := 2^0 + 2^6 + 8^3 + 19^0 + 26^0 & = 20 + 26 + 83 + 190 + 260 \\
 579 := 2^0 + 2^6 + 8^3 + 20^0 + 25^0 & = 20 + 26 + 83 + 200 + 250 \\
 579 := 2^0 + 2^6 + 8^3 + 21^0 + 24^0 & = 20 + 26 + 83 + 210 + 240 \\
 579 := 2^0 + 2^6 + 8^3 + 22^0 + 23^0 & = 20 + 26 + 83 + 220 + 230 \\
 579 := 2^1 + 2^3 + 15^2 + 18^2 + 20^1 & = 21 + 23 + 152 + 182 + 201 \\
 579 := 2^1 + 2^5 + 15^0 + 15^1 + 23^2 & = 21 + 25 + 150 + 151 + 232 \\
 579 := 2^1 + 3^3 + 13^2 + 19^2 + 20^1 & = 21 + 33 + 132 + 192 + 201 \\
 579 := 2^1 + 3^5 + 9^1 + 18^2 + 25^0 & = 21 + 35 + 91 + 182 + 250 \\
 579 := 2^1 + 4^3 + 13^2 + 18^2 + 20^1 & = 21 + 43 + 132 + 182 + 201 \\
 579 := 2^1 + 4^3 + 7^2 + 21^2 + 23^1 & = 21 + 43 + 72 + 212 + 231 \\
 579 := 2^1 + 4^4 + 8^2 + 16^2 + 27^0 & = 21 + 44 + 82 + 162 + 270 \\
 579 := 2^1 + 6^3 + 13^2 + 13^2 + 23^1 & = 21 + 63 + 132 + 132 + 231 \\
 579 := 2^1 + 6^3 + 9^2 + 16^2 + 24^1 & = 21 + 63 + 92 + 162 + 241 \\
 579 := 2^2 + 13^2 + 14^1 + 14^2 + 14^2 & = 22 + 132 + 141 + 142 + 142 \\
 579 := 2^2 + 2^2 + 4^2 + 23^2 + 26^1 & = 22 + 22 + 42 + 232 + 261 \\
 579 := 2^2 + 2^2 + 8^2 + 22^2 + 23^1 & = 22 + 22 + 82 + 222 + 231 \\
 579 := 2^2 + 3^4 + 9^1 + 21^0 + 22^2 & = 22 + 34 + 91 + 210 + 222 \\
 579 := 2^2 + 5^3 + 7^2 + 20^2 + 23^0 & = 22 + 53 + 72 + 202 + 230 \\
 579 := 2^2 + 6^2 + 11^2 + 18^1 + 20^2 & = 22 + 62 + 112 + 181 + 202 \\
 579 := 2^2 + 6^3 + 7^3 + 15^1 + 27^0 & = 22 + 63 + 73 + 151 + 270 \\
 579 := 2^3 + 10^1 + 12^1 + 15^2 + 18^2 & = 23 + 101 + 121 + 152 + 182 \\
 579 := 2^3 + 11^1 + 11^1 + 15^2 + 18^2 & = 23 + 111 + 111 + 152 + 182 \\
 579 := 2^3 + 3^1 + 15^2 + 18^2 + 19^1 & = 23 + 31 + 152 + 182 + 191 \\
 579 := 2^3 + 3^3 + 14^1 + 15^0 + 23^2 & = 23 + 33 + 141 + 150 + 232 \\
 579 := 2^3 + 4^1 + 15^2 + 18^1 + 18^2 & = 23 + 41 + 152 + 181 + 182 \\
 579 := 2^3 + 4^1 + 5^3 + 21^2 + 25^0 & = 23 + 41 + 53 + 212 + 250 \\
 579 := 2^3 + 4^2 + 5^2 + 23^0 + 23^2 & = 23 + 42 + 52 + 230 + 232 \\
 579 := 2^3 + 4^3 + 7^0 + 22^1 + 22^2 & = 23 + 43 + 70 + 221 + 222 \\
 579 := 2^3 + 5^1 + 15^2 + 17^1 + 18^2 & = 23 + 51 + 152 + 171 + 182 \\
 579 := 2^3 + 5^2 + 16^2 + 17^0 + 17^2 & = 23 + 52 + 162 + 170 + 172 \\
 579 := 2^3 + 6^1 + 15^2 + 16^1 + 18^2 & = 23 + 61 + 152 + 161 + 182 \\
 579 := 2^3 + 6^2 + 8^3 + 19^0 + 22^1 & = 23 + 62 + 83 + 190 + 221 \\
 579 := 2^3 + 7^1 + 15^1 + 15^2 + 18^2 & = 23 + 71 + 151 + 152 + 182 \\
 579 := 2^3 + 7^2 + 11^2 + 17^0 + 20^2 & = 23 + 72 + 112 + 170 + 202 \\
 579 := 2^3 + 8^1 + 14^1 + 15^2 + 18^2 & = 23 + 81 + 141 + 152 + 182 \\
 579 := 2^3 + 9^1 + 13^1 + 15^2 + 18^2 & = 23 + 91 + 131 + 152 + 182 \\
 579 := 2^4 + 3^0 + 10^2 + 21^1 + 21^2 & = 24 + 30 + 102 + 211 + 212 \\
 579 := 2^4 + 3^2 + 5^0 + 23^2 + 24^1 & = 24 + 32 + 50 + 232 + 241 \\
 579 := 2^4 + 4^2 + 11^0 + 17^1 + 23^2 & = 24 + 42 + 110 + 171 + 232 \\
 579 := 2^4 + 5^0 + 12^2 + 18^1 + 20^2 & = 24 + 50 + 122 + 181 + 202 \\
 579 := 2^4 + 5^0 + 16^2 + 17^1 + 17^2 & = 24 + 50 + 162 + 171 + 172 \\
 579 := 2^4 + 5^1 + 14^2 + 17^0 + 19^2 & = 24 + 51 + 142 + 170 + 192 \\
 579 := 2^4 + 5^2 + 8^1 + 19^0 + 23^2 & = 24 + 52 + 81 + 190 + 232 \\
 579 := 2^4 + 7^2 + 8^3 + 13^0 + 27^0 & = 24 + 72 + 83 + 130 + 270 \\
 579 := 2^4 + 7^2 + 8^3 + 14^0 + 26^0 & = 24 + 72 + 83 + 140 + 260 \\
 579 := 2^4 + 7^2 + 8^3 + 15^0 + 25^0 & = 24 + 72 + 83 + 150 + 250 \\
 579 := 2^4 + 7^2 + 8^3 + 16^0 + 24^0 & = 24 + 72 + 83 + 160 + 240 \\
 579 := 2^4 + 7^2 + 8^3 + 17^0 + 23^0 & = 24 + 72 + 83 + 170 + 230 \\
 579 := 2^4 + 7^2 + 8^3 + 18^0 + 22^0 & = 24 + 72 + 83 + 180 + 220 \\
 579 := 2^4 + 7^2 + 8^3 + 19^0 + 21^0 & = 24 + 72 + 83 + 190 + 210 \\
 579 := 2^4 + 7^2 + 8^3 + 20^0 + 20^0 & = 24 + 72 + 83 + 200 + 200 \\
 579 := 2^4 + 8^2 + 11^0 + 14^1 + 22^2 & = 24 + 82 + 110 + 141 + 222 \\
 579 := 2^4 + 9^0 + 13^1 + 15^2 + 18^2 & = 24 + 90 + 131 + 152 + 182 \\
 579 := 2^5 + 10^0 + 12^0 + 16^2 + 17^2 & = 25 + 100 + 120 + 162 + 172 \\
 579 := 2^5 + 11^0 + 11^0 + 16^2 + 17^2 & = 25 + 110 + 110 + 162 + 172 \\
 579 := 2^5 + 3^0 + 16^2 + 17^2 + 19^0 & = 25 + 30 + 162 + 172 + 190 \\
 579 := 2^5 + 3^0 + 4^2 + 23^2 + 25^0 & = 25 + 30 + 42 + 232 + 250 \\
 579 := 2^5 + 3^1 + 14^1 + 15^0 + 23^2 & = 25 + 31 + 141 + 150 + 232 \\
 579 := 2^5 + 4^0 + 16^2 + 17^2 + 18^0 & = 25 + 40 + 162 + 172 + 180
 \end{array}$$

$$\begin{aligned} 579 &:= 2^5 + 4^0 + 4^2 + 23^2 + 24^0 = 25 + 40 + 42 + 232 + 240 & 579 &:= 2^6 + 5^0 + 8^3 + 20^0 + 22^0 = 26 + 50 + 83 + 200 + 220 \\ 579 &:= 2^5 + 4^1 + 13^1 + 15^0 + 23^2 = 25 + 41 + 131 + 150 + 232 & 579 &:= 2^6 + 5^0 + 8^3 + 21^0 + 21^0 = 26 + 50 + 83 + 210 + 210 \\ 579 &:= 2^5 + 4^2 + 10^0 + 18^0 + 23^2 = 25 + 42 + 100 + 180 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 14^0 + 27^0 = 26 + 60 + 83 + 140 + 270 \\ 579 &:= 2^5 + 4^2 + 11^0 + 17^0 + 23^2 = 25 + 42 + 110 + 170 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 15^0 + 26^0 = 26 + 60 + 83 + 150 + 260 \\ 579 &:= 2^5 + 4^2 + 12^0 + 16^0 + 23^2 = 25 + 42 + 120 + 160 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 16^0 + 25^0 = 26 + 60 + 83 + 160 + 250 \\ 579 &:= 2^5 + 4^2 + 13^0 + 15^0 + 23^2 = 25 + 42 + 130 + 150 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 17^0 + 24^0 = 26 + 60 + 83 + 170 + 240 \\ 579 &:= 2^5 + 4^2 + 14^0 + 14^0 + 23^2 = 25 + 42 + 140 + 140 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 18^0 + 23^0 = 26 + 60 + 83 + 180 + 230 \\ 579 &:= 2^5 + 4^2 + 5^0 + 23^0 + 23^2 = 25 + 42 + 50 + 230 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 19^0 + 22^0 = 26 + 60 + 83 + 190 + 220 \\ 579 &:= 2^5 + 4^2 + 6^0 + 22^0 + 23^2 = 25 + 42 + 60 + 220 + 232 & 579 &:= 2^6 + 6^0 + 8^3 + 20^0 + 21^0 = 26 + 60 + 83 + 200 + 210 \\ 579 &:= 2^5 + 4^2 + 7^0 + 21^0 + 23^2 = 25 + 42 + 70 + 210 + 232 & 579 &:= 2^6 + 7^0 + 8^3 + 13^0 + 27^0 = 26 + 70 + 83 + 130 + 270 \\ 579 &:= 2^5 + 4^2 + 8^0 + 20^0 + 23^2 = 25 + 42 + 80 + 200 + 232 & 579 &:= 2^6 + 7^0 + 8^3 + 14^0 + 26^0 = 26 + 70 + 83 + 140 + 260 \\ 579 &:= 2^5 + 4^2 + 9^0 + 19^0 + 23^2 = 25 + 42 + 90 + 190 + 232 & 579 &:= 2^6 + 7^0 + 8^3 + 15^0 + 25^0 = 26 + 70 + 83 + 150 + 250 \\ 579 &:= 2^5 + 5^0 + 16^2 + 17^0 + 17^2 = 25 + 50 + 162 + 170 + 172 & 579 &:= 2^6 + 7^0 + 8^3 + 16^0 + 24^0 = 26 + 70 + 83 + 160 + 240 \\ 579 &:= 2^5 + 5^1 + 12^1 + 15^0 + 23^2 = 25 + 51 + 121 + 150 + 232 & 579 &:= 2^6 + 7^0 + 8^3 + 17^0 + 23^0 = 26 + 70 + 83 + 170 + 230 \\ 579 &:= 2^5 + 6^0 + 16^0 + 16^2 + 17^2 = 25 + 60 + 160 + 162 + 172 & 579 &:= 2^6 + 7^0 + 8^3 + 18^0 + 22^0 = 26 + 70 + 83 + 180 + 220 \\ 579 &:= 2^5 + 6^1 + 11^1 + 15^0 + 23^2 = 25 + 61 + 111 + 150 + 232 & 579 &:= 2^6 + 7^0 + 8^3 + 19^0 + 21^0 = 26 + 70 + 83 + 190 + 210 \\ 579 &:= 2^5 + 7^0 + 15^0 + 16^2 + 17^2 = 25 + 70 + 150 + 162 + 172 & 579 &:= 2^6 + 7^0 + 8^3 + 20^0 + 20^0 = 26 + 70 + 83 + 200 + 200 \\ 579 &:= 2^5 + 7^1 + 10^1 + 15^0 + 23^2 = 25 + 71 + 101 + 150 + 232 & 579 &:= 2^6 + 8^0 + 8^3 + 12^0 + 27^0 = 26 + 80 + 83 + 120 + 270 \\ 579 &:= 2^5 + 8^0 + 14^0 + 16^2 + 17^2 = 25 + 80 + 140 + 162 + 172 & 579 &:= 2^6 + 8^0 + 8^3 + 13^0 + 26^0 = 26 + 80 + 83 + 130 + 260 \\ 579 &:= 2^5 + 8^1 + 9^1 + 15^0 + 23^2 = 25 + 81 + 91 + 150 + 232 & 579 &:= 2^6 + 8^0 + 8^3 + 14^0 + 25^0 = 26 + 80 + 83 + 140 + 250 \\ 579 &:= 2^5 + 9^0 + 13^0 + 16^2 + 17^2 = 25 + 90 + 130 + 162 + 172 & 579 &:= 2^6 + 8^0 + 8^3 + 15^0 + 24^0 = 26 + 80 + 83 + 150 + 240 \\ 579 &:= 2^6 + 3^0 + 8^3 + 17^0 + 27^0 = 26 + 30 + 83 + 170 + 270 & 579 &:= 2^6 + 8^0 + 8^3 + 16^0 + 23^0 = 26 + 80 + 83 + 160 + 230 \\ 579 &:= 2^6 + 3^0 + 8^3 + 18^0 + 26^0 = 26 + 30 + 83 + 180 + 260 & 579 &:= 2^6 + 8^0 + 8^3 + 17^0 + 22^0 = 26 + 80 + 83 + 170 + 220 \\ 579 &:= 2^6 + 3^0 + 8^3 + 19^0 + 25^0 = 26 + 30 + 83 + 190 + 250 & 579 &:= 2^6 + 8^0 + 8^3 + 18^0 + 21^0 = 26 + 80 + 83 + 180 + 210 \\ 579 &:= 2^6 + 3^0 + 8^3 + 20^0 + 24^0 = 26 + 30 + 83 + 200 + 240 & 579 &:= 2^6 + 8^0 + 8^3 + 19^0 + 20^0 = 26 + 80 + 83 + 190 + 200 \\ 579 &:= 2^6 + 3^0 + 8^3 + 21^0 + 23^0 = 26 + 30 + 83 + 210 + 230 & 579 &:= 2^6 + 8^3 + 10^0 + 10^0 + 27^0 = 26 + 83 + 100 + 100 + 270 \\ 579 &:= 2^6 + 3^0 + 8^3 + 22^0 + 22^0 = 26 + 30 + 83 + 220 + 220 & 579 &:= 2^6 + 8^3 + 10^0 + 11^0 + 26^0 = 26 + 83 + 100 + 110 + 260 \\ 579 &:= 2^6 + 4^0 + 8^3 + 16^0 + 27^0 = 26 + 40 + 83 + 160 + 270 & 579 &:= 2^6 + 8^3 + 10^0 + 12^0 + 25^0 = 26 + 83 + 100 + 120 + 250 \\ 579 &:= 2^6 + 4^0 + 8^3 + 17^0 + 26^0 = 26 + 40 + 83 + 170 + 260 & 579 &:= 2^6 + 8^3 + 10^0 + 13^0 + 24^0 = 26 + 83 + 100 + 130 + 240 \\ 579 &:= 2^6 + 4^0 + 8^3 + 18^0 + 25^0 = 26 + 40 + 83 + 180 + 250 & 579 &:= 2^6 + 8^3 + 10^0 + 14^0 + 23^0 = 26 + 83 + 100 + 140 + 230 \\ 579 &:= 2^6 + 4^0 + 8^3 + 19^0 + 24^0 = 26 + 40 + 83 + 190 + 240 & 579 &:= 2^6 + 8^3 + 10^0 + 15^0 + 22^0 = 26 + 83 + 100 + 150 + 220 \\ 579 &:= 2^6 + 4^0 + 8^3 + 20^0 + 23^0 = 26 + 40 + 83 + 200 + 230 & 579 &:= 2^6 + 8^3 + 10^0 + 16^0 + 21^0 = 26 + 83 + 100 + 160 + 210 \\ 579 &:= 2^6 + 4^0 + 8^3 + 21^0 + 22^0 = 26 + 40 + 83 + 210 + 220 & 579 &:= 2^6 + 8^3 + 10^0 + 17^0 + 20^0 = 26 + 83 + 100 + 170 + 200 \\ 579 &:= 2^6 + 5^0 + 8^3 + 15^0 + 27^0 = 26 + 50 + 83 + 150 + 270 & 579 &:= 2^6 + 8^3 + 10^0 + 18^0 + 19^0 = 26 + 83 + 100 + 180 + 190 \\ 579 &:= 2^6 + 5^0 + 8^3 + 16^0 + 26^0 = 26 + 50 + 83 + 160 + 260 & 579 &:= 2^6 + 8^3 + 11^0 + 11^0 + 25^0 = 26 + 83 + 110 + 110 + 250 \\ 579 &:= 2^6 + 5^0 + 8^3 + 17^0 + 25^0 = 26 + 50 + 83 + 170 + 250 & 579 &:= 2^6 + 8^3 + 11^0 + 12^0 + 24^0 = 26 + 83 + 110 + 120 + 240 \\ 579 &:= 2^6 + 5^0 + 8^3 + 18^0 + 24^0 = 26 + 50 + 83 + 180 + 240 & 579 &:= 2^6 + 8^3 + 11^0 + 13^0 + 23^0 = 26 + 83 + 110 + 130 + 230 \\ 579 &:= 2^6 + 5^0 + 8^3 + 19^0 + 23^0 = 26 + 50 + 83 + 190 + 230 & 579 &:= 2^6 + 8^3 + 11^0 + 14^0 + 22^0 = 26 + 83 + 110 + 140 + 220 \end{aligned}$$

$$\begin{aligned}
 579 &:= 2^6 + 8^3 + 11^0 + 15^0 + 21^0 = 26 + 83 + 110 + 150 + 210 & 579 &:= 3^1 + 6^3 + 9^2 + 16^2 + 23^1 = 31 + 63 + 92 + 162 + 231 \\
 579 &:= 2^6 + 8^3 + 11^0 + 16^0 + 20^0 = 26 + 83 + 110 + 160 + 200 & 579 &:= 3^2 + 3^2 + 10^2 + 20^1 + 21^2 = 32 + 32 + 102 + 201 + 212 \\
 579 &:= 2^6 + 8^3 + 11^0 + 17^0 + 19^0 = 26 + 83 + 110 + 170 + 190 & 579 &:= 3^2 + 3^4 + 4^1 + 22^2 + 25^0 = 32 + 34 + 41 + 222 + 250 \\
 579 &:= 2^6 + 8^3 + 11^0 + 18^0 + 18^0 = 26 + 83 + 110 + 180 + 180 & 579 &:= 3^2 + 4^1 + 6^3 + 18^2 + 26^1 = 32 + 41 + 63 + 182 + 261 \\
 579 &:= 2^6 + 8^3 + 12^0 + 12^0 + 23^0 = 26 + 83 + 120 + 120 + 230 & 579 &:= 3^2 + 4^2 + 7^2 + 21^1 + 22^2 = 32 + 42 + 72 + 211 + 222 \\
 579 &:= 2^6 + 8^3 + 12^0 + 13^0 + 22^0 = 26 + 83 + 120 + 130 + 220 & 579 &:= 3^2 + 4^2 + 8^3 + 15^1 + 27^1 = 32 + 42 + 83 + 151 + 271 \\
 579 &:= 2^6 + 8^3 + 12^0 + 14^0 + 21^0 = 26 + 83 + 120 + 140 + 210 & 579 &:= 3^2 + 4^2 + 8^3 + 16^1 + 26^1 = 32 + 42 + 83 + 161 + 261 \\
 579 &:= 2^6 + 8^3 + 12^0 + 15^0 + 20^0 = 26 + 83 + 120 + 150 + 200 & 579 &:= 3^2 + 4^2 + 8^3 + 17^1 + 25^1 = 32 + 42 + 83 + 171 + 251 \\
 579 &:= 2^6 + 8^3 + 12^0 + 16^0 + 19^0 = 26 + 83 + 120 + 160 + 190 & 579 &:= 3^2 + 4^2 + 8^3 + 18^1 + 24^1 = 32 + 42 + 83 + 181 + 241 \\
 579 &:= 2^6 + 8^3 + 12^0 + 17^0 + 18^0 = 26 + 83 + 120 + 170 + 180 & 579 &:= 3^2 + 4^2 + 8^3 + 19^1 + 23^1 = 32 + 42 + 83 + 191 + 231 \\
 579 &:= 2^6 + 8^3 + 13^0 + 13^0 + 21^0 = 26 + 83 + 130 + 130 + 210 & 579 &:= 3^2 + 4^2 + 8^3 + 20^1 + 22^1 = 32 + 42 + 83 + 201 + 221 \\
 579 &:= 2^6 + 8^3 + 13^0 + 14^0 + 20^0 = 26 + 83 + 130 + 140 + 200 & 579 &:= 3^2 + 4^2 + 8^3 + 21^1 + 21^1 = 32 + 42 + 83 + 211 + 211 \\
 579 &:= 2^6 + 8^3 + 13^0 + 15^0 + 19^0 = 26 + 83 + 130 + 150 + 190 & 579 &:= 3^2 + 4^3 + 12^2 + 19^0 + 19^2 = 32 + 43 + 122 + 190 + 192 \\
 579 &:= 2^6 + 8^3 + 13^0 + 16^0 + 18^0 = 26 + 83 + 130 + 160 + 180 & 579 &:= 3^2 + 4^3 + 8^2 + 21^0 + 21^2 = 32 + 43 + 82 + 210 + 212 \\
 579 &:= 2^6 + 8^3 + 13^0 + 17^0 + 17^0 = 26 + 83 + 130 + 170 + 170 & 579 &:= 3^2 + 4^4 + 9^0 + 17^2 + 24^1 = 32 + 44 + 90 + 172 + 241 \\
 579 &:= 2^6 + 8^3 + 14^0 + 14^0 + 19^0 = 26 + 83 + 140 + 140 + 190 & 579 &:= 3^2 + 5^1 + 6^3 + 18^2 + 25^1 = 32 + 51 + 63 + 182 + 251 \\
 579 &:= 2^6 + 8^3 + 14^0 + 15^0 + 18^0 = 26 + 83 + 140 + 150 + 180 & 579 &:= 3^2 + 6^1 + 6^3 + 18^2 + 24^1 = 32 + 61 + 63 + 182 + 241 \\
 579 &:= 2^6 + 8^3 + 14^0 + 16^0 + 17^0 = 26 + 83 + 140 + 160 + 170 & 579 &:= 3^2 + 6^3 + 10^1 + 18^2 + 20^1 = 32 + 63 + 101 + 182 + 201 \\
 579 &:= 2^6 + 8^3 + 15^0 + 15^0 + 17^0 = 26 + 83 + 150 + 150 + 170 & 579 &:= 3^2 + 6^3 + 11^1 + 18^2 + 19^1 = 32 + 63 + 111 + 182 + 191 \\
 579 &:= 2^6 + 8^3 + 15^0 + 16^0 + 16^0 = 26 + 83 + 150 + 160 + 160 & 579 &:= 3^2 + 6^3 + 12^1 + 18^1 + 18^2 = 32 + 63 + 121 + 181 + 182 \\
 579 &:= 2^6 + 8^3 + 9^0 + 11^0 + 27^0 = 26 + 83 + 90 + 110 + 270 & 579 &:= 3^2 + 6^3 + 13^1 + 17^1 + 18^2 = 32 + 63 + 131 + 171 + 182 \\
 579 &:= 2^6 + 8^3 + 9^0 + 12^0 + 26^0 = 26 + 83 + 90 + 120 + 260 & 579 &:= 3^2 + 6^3 + 14^1 + 16^1 + 18^2 = 32 + 63 + 141 + 161 + 182 \\
 579 &:= 2^6 + 8^3 + 9^0 + 13^0 + 25^0 = 26 + 83 + 90 + 130 + 250 & 579 &:= 3^2 + 6^3 + 15^1 + 15^1 + 18^2 = 32 + 63 + 151 + 151 + 182 \\
 579 &:= 2^6 + 8^3 + 9^0 + 14^0 + 24^0 = 26 + 83 + 90 + 140 + 240 & 579 &:= 3^2 + 6^3 + 7^1 + 18^2 + 23^1 = 32 + 63 + 71 + 182 + 231 \\
 579 &:= 2^6 + 8^3 + 9^0 + 15^0 + 23^0 = 26 + 83 + 90 + 150 + 230 & 579 &:= 3^2 + 6^3 + 8^1 + 18^2 + 22^1 = 32 + 63 + 81 + 182 + 221 \\
 579 &:= 2^6 + 8^3 + 9^0 + 16^0 + 22^0 = 26 + 83 + 90 + 160 + 220 & 579 &:= 3^2 + 6^3 + 8^2 + 17^2 + 23^0 = 32 + 63 + 82 + 172 + 230 \\
 579 &:= 2^6 + 8^3 + 9^0 + 17^0 + 21^0 = 26 + 83 + 90 + 170 + 210 & 579 &:= 3^2 + 6^3 + 9^1 + 18^2 + 21^1 = 32 + 63 + 91 + 182 + 211 \\
 579 &:= 2^6 + 8^3 + 9^0 + 18^0 + 20^0 = 26 + 83 + 90 + 180 + 200 & 579 &:= 3^2 + 7^2 + 12^2 + 16^1 + 19^2 = 32 + 72 + 122 + 161 + 192 \\
 579 &:= 2^6 + 8^3 + 9^0 + 19^0 + 19^0 = 26 + 83 + 90 + 190 + 190 & 579 &:= 3^3 + 10^1 + 12^1 + 13^2 + 19^2 = 33 + 101 + 121 + 132 + 192 \\
 579 &:= 3^0 + 3^3 + 5^3 + 20^2 + 26^1 = 30 + 33 + 53 + 202 + 261 & 579 &:= 3^3 + 11^1 + 11^1 + 13^2 + 19^2 = 33 + 111 + 111 + 132 + 192 \\
 579 &:= 3^0 + 4^4 + 10^2 + 14^2 + 26^1 = 30 + 44 + 102 + 142 + 261 & 579 &:= 3^3 + 4^1 + 13^2 + 18^1 + 19^2 = 33 + 41 + 132 + 181 + 192 \\
 579 &:= 3^1 + 3^2 + 6^3 + 18^2 + 27^1 = 31 + 32 + 63 + 182 + 271 & 579 &:= 3^3 + 4^2 + 8^3 + 19^0 + 23^1 = 33 + 42 + 83 + 190 + 231 \\
 579 &:= 3^1 + 3^3 + 13^2 + 19^1 + 19^2 = 31 + 33 + 132 + 191 + 192 & 579 &:= 3^3 + 5^1 + 13^2 + 17^1 + 19^2 = 33 + 51 + 132 + 171 + 192 \\
 579 &:= 3^1 + 3^3 + 4^3 + 22^2 + 25^0 = 31 + 33 + 43 + 222 + 250 & 579 &:= 3^3 + 5^2 + 8^3 + 14^1 + 27^0 = 33 + 52 + 83 + 141 + 270 \\
 579 &:= 3^1 + 3^5 + 8^1 + 18^2 + 25^0 = 31 + 35 + 81 + 182 + 250 & 579 &:= 3^3 + 6^1 + 13^2 + 16^1 + 19^2 = 33 + 61 + 132 + 161 + 192 \\
 579 &:= 3^1 + 4^3 + 13^2 + 18^2 + 19^1 = 31 + 43 + 132 + 182 + 191 & 579 &:= 3^3 + 6^3 + 11^1 + 18^2 + 19^0 = 33 + 63 + 111 + 182 + 190 \\
 579 &:= 3^1 + 4^3 + 7^2 + 21^2 + 22^1 = 31 + 43 + 72 + 212 + 221 & 579 &:= 3^3 + 7^1 + 13^2 + 15^1 + 19^2 = 33 + 71 + 132 + 151 + 192 \\
 579 &:= 3^1 + 6^3 + 13^2 + 13^2 + 22^1 = 31 + 63 + 132 + 132 + 221 & 579 &:= 3^3 + 7^3 + 12^1 + 14^2 + 21^0 = 33 + 73 + 121 + 142 + 210
 \end{aligned}$$

$$\begin{aligned}
 579 &:= 3^3 + 8^1 + 13^2 + 14^1 + 19^2 = 33 + 81 + 132 + 141 + 192 & 579 &:= 4^3 + 7^2 + 12^1 + 13^1 + 21^2 = 43 + 72 + 121 + 131 + 212 \\
 579 &:= 3^3 + 9^1 + 13^1 + 13^2 + 19^2 = 33 + 91 + 131 + 132 + 192 & 579 &:= 4^3 + 7^2 + 8^1 + 17^1 + 21^2 = 43 + 72 + 81 + 171 + 212 \\
 579 &:= 3^4 + 11^0 + 12^1 + 14^2 + 17^2 = 34 + 110 + 121 + 142 + 172 & 579 &:= 4^3 + 7^2 + 9^1 + 16^1 + 21^2 = 43 + 72 + 91 + 161 + 212 \\
 579 &:= 3^4 + 4^1 + 13^2 + 18^2 + 19^0 = 34 + 41 + 132 + 182 + 190 & 579 &:= 4^3 + 8^1 + 13^2 + 14^1 + 18^2 = 43 + 81 + 132 + 141 + 182 \\
 579 &:= 3^4 + 6^2 + 7^0 + 20^1 + 21^2 = 34 + 62 + 70 + 201 + 212 & 579 &:= 4^3 + 8^2 + 15^0 + 15^2 + 15^2 = 43 + 82 + 150 + 152 + 152 \\
 579 &:= 3^4 + 7^0 + 15^2 + 16^1 + 16^2 = 34 + 70 + 152 + 161 + 162 & 579 &:= 4^3 + 9^1 + 13^1 + 13^2 + 18^2 = 43 + 91 + 131 + 132 + 182 \\
 579 &:= 3^4 + 7^1 + 7^2 + 19^0 + 21^2 = 34 + 71 + 72 + 190 + 212 & 579 &:= 4^3 + 9^2 + 12^2 + 15^0 + 17^2 = 43 + 92 + 122 + 150 + 172 \\
 579 &:= 3^4 + 9^0 + 11^2 + 15^1 + 19^2 = 34 + 90 + 112 + 151 + 192 & 579 &:= 4^4 + 5^1 + 11^2 + 14^2 + 23^0 = 44 + 51 + 112 + 142 + 230 \\
 579 &:= 3^4 + 9^0 + 9^2 + 16^1 + 20^2 = 34 + 90 + 92 + 161 + 202 & 579 &:= 4^4 + 5^2 + 8^1 + 17^2 + 23^0 = 44 + 52 + 81 + 172 + 230 \\
 579 &:= 3^5 + 4^1 + 7^1 + 18^2 + 25^0 = 35 + 41 + 71 + 182 + 250 & 579 &:= 4^4 + 5^3 + 10^0 + 14^2 + 24^0 = 44 + 53 + 100 + 142 + 240 \\
 579 &:= 3^5 + 5^1 + 6^1 + 18^2 + 25^0 = 35 + 51 + 61 + 182 + 250 & 579 &:= 4^4 + 5^3 + 11^0 + 14^2 + 23^0 = 44 + 53 + 110 + 142 + 230 \\
 579 &:= 4^1 + 4^3 + 13^2 + 18^1 + 18^2 = 41 + 43 + 132 + 181 + 182 & 579 &:= 4^4 + 5^3 + 12^0 + 14^2 + 22^0 = 44 + 53 + 120 + 142 + 220 \\
 579 &:= 4^1 + 4^3 + 7^2 + 21^1 + 21^2 = 41 + 43 + 72 + 211 + 212 & 579 &:= 4^4 + 5^3 + 13^0 + 14^2 + 21^0 = 44 + 53 + 130 + 142 + 210 \\
 579 &:= 4^1 + 5^3 + 5^3 + 18^2 + 25^0 = 41 + 53 + 53 + 182 + 250 & 579 &:= 4^4 + 5^3 + 14^0 + 14^2 + 20^0 = 44 + 53 + 140 + 142 + 200 \\
 579 &:= 4^1 + 6^2 + 7^3 + 13^2 + 27^1 = 41 + 62 + 73 + 132 + 271 & 579 &:= 4^4 + 5^3 + 14^2 + 15^0 + 19^0 = 44 + 53 + 142 + 150 + 190 \\
 579 &:= 4^1 + 6^3 + 13^2 + 13^2 + 21^1 = 41 + 63 + 132 + 132 + 211 & 579 &:= 4^4 + 5^3 + 14^2 + 16^0 + 18^0 = 44 + 53 + 142 + 160 + 180 \\
 579 &:= 4^1 + 6^3 + 9^2 + 16^2 + 22^1 = 41 + 63 + 92 + 162 + 221 & 579 &:= 4^4 + 5^3 + 14^2 + 17^0 + 17^0 = 44 + 53 + 142 + 170 + 170 \\
 579 &:= 4^2 + 10^2 + 13^1 + 15^2 + 15^2 = 42 + 102 + 131 + 152 + 152 & 579 &:= 4^4 + 5^3 + 7^0 + 14^2 + 27^0 = 44 + 53 + 70 + 142 + 270 \\
 579 &:= 4^2 + 4^2 + 13^2 + 17^1 + 19^2 = 42 + 42 + 132 + 171 + 192 & 579 &:= 4^4 + 5^3 + 8^0 + 14^2 + 26^0 = 44 + 53 + 80 + 142 + 260 \\
 579 &:= 4^2 + 4^4 + 15^0 + 17^1 + 17^2 = 42 + 44 + 150 + 171 + 172 & 579 &:= 4^4 + 5^3 + 9^0 + 14^2 + 25^0 = 44 + 53 + 90 + 142 + 250 \\
 579 &:= 4^2 + 5^2 + 11^2 + 17^1 + 20^2 = 42 + 52 + 112 + 171 + 202 & 579 &:= 4^4 + 7^2 + 13^0 + 16^2 + 17^1 = 44 + 72 + 130 + 162 + 171 \\
 579 &:= 4^2 + 6^2 + 15^1 + 16^2 + 16^2 = 42 + 62 + 151 + 162 + 162 & 579 &:= 4^4 + 9^1 + 12^2 + 13^2 + 19^0 = 44 + 91 + 122 + 132 + 190 \\
 579 &:= 4^2 + 6^3 + 11^2 + 15^2 + 21^0 = 42 + 63 + 112 + 152 + 210 & 579 &:= 4^4 + 9^2 + 13^0 + 15^2 + 16^1 = 44 + 92 + 130 + 152 + 161 \\
 579 &:= 4^2 + 8^2 + 14^1 + 14^2 + 17^2 = 42 + 82 + 141 + 142 + 172 & 579 &:= 5^1 + 6^2 + 7^3 + 13^2 + 26^1 = 51 + 62 + 73 + 132 + 261 \\
 579 &:= 4^2 + 9^2 + 12^2 + 14^1 + 18^2 = 42 + 92 + 122 + 141 + 182 & 579 &:= 5^1 + 6^3 + 13^2 + 13^2 + 20^1 = 51 + 63 + 132 + 132 + 201 \\
 579 &:= 4^3 + 10^1 + 12^1 + 13^2 + 18^2 = 43 + 101 + 121 + 132 + 182 & 579 &:= 5^1 + 6^3 + 9^2 + 16^2 + 21^1 = 51 + 63 + 92 + 162 + 211 \\
 579 &:= 4^3 + 11^1 + 11^1 + 13^2 + 18^2 = 43 + 111 + 111 + 132 + 182 & 579 &:= 5^2 + 11^2 + 12^1 + 14^2 + 15^2 = 52 + 112 + 121 + 142 + 152 \\
 579 &:= 4^3 + 4^3 + 9^1 + 19^0 + 21^2 = 43 + 43 + 91 + 190 + 212 & 579 &:= 5^2 + 5^2 + 15^1 + 15^2 + 17^2 = 52 + 52 + 151 + 152 + 172 \\
 579 &:= 4^3 + 5^1 + 13^2 + 17^1 + 18^2 = 43 + 51 + 132 + 171 + 182 & 579 &:= 5^2 + 5^2 + 5^2 + 20^1 + 22^2 = 52 + 52 + 52 + 201 + 222 \\
 579 &:= 4^3 + 5^1 + 7^2 + 20^1 + 21^2 = 43 + 51 + 72 + 201 + 212 & 579 &:= 5^2 + 6^3 + 9^2 + 16^2 + 21^0 = 52 + 63 + 92 + 162 + 210 \\
 579 &:= 4^3 + 6^1 + 13^2 + 16^1 + 18^2 = 43 + 61 + 132 + 161 + 182 & 579 &:= 5^3 + 6^3 + 12^1 + 15^2 + 19^0 = 53 + 63 + 121 + 152 + 190 \\
 579 &:= 4^3 + 6^1 + 7^2 + 19^1 + 21^2 = 43 + 61 + 72 + 191 + 212 & 579 &:= 5^3 + 7^3 + 10^1 + 10^2 + 25^0 = 53 + 73 + 101 + 102 + 250 \\
 579 &:= 4^3 + 6^3 + 9^1 + 17^2 + 21^0 = 43 + 63 + 91 + 172 + 210 & 579 &:= 5^3 + 8^2 + 10^2 + 17^0 + 17^2 = 53 + 82 + 102 + 170 + 172 \\
 579 &:= 4^3 + 7^0 + 7^3 + 12^2 + 27^1 = 43 + 70 + 73 + 122 + 271 & 579 &:= 6^1 + 6^2 + 7^3 + 13^2 + 25^1 = 61 + 62 + 73 + 132 + 251 \\
 579 &:= 4^3 + 7^1 + 13^2 + 15^1 + 18^2 = 43 + 71 + 132 + 151 + 182 & 579 &:= 6^1 + 6^3 + 13^2 + 13^2 + 19^1 = 61 + 63 + 132 + 132 + 191 \\
 579 &:= 4^3 + 7^1 + 7^2 + 18^1 + 21^2 = 43 + 71 + 72 + 181 + 212 & 579 &:= 6^1 + 6^3 + 9^2 + 16^2 + 20^1 = 61 + 63 + 92 + 162 + 201 \\
 579 &:= 4^3 + 7^2 + 10^1 + 15^1 + 21^2 = 43 + 72 + 101 + 151 + 212 & 579 &:= 6^2 + 11^2 + 11^2 + 12^1 + 17^2 = 62 + 112 + 112 + 121 + 172 \\
 579 &:= 4^3 + 7^2 + 11^1 + 14^1 + 21^2 = 43 + 72 + 111 + 141 + 212 & 579 &:= 6^2 + 6^2 + 13^2 + 14^1 + 18^2 = 62 + 62 + 132 + 141 + 182
 \end{aligned}$$

$579 := 6^2 + 6^2 + 7^2 + 17^1 + 21^2$	$= 62 + 62 + 72 + 171 + 212$	$579 := 6^3 + 6^3 + 9^0 + 11^2 + 25^1$	$= 63 + 63 + 90 + 112 + 251$
$579 := 6^2 + 7^1 + 7^3 + 13^2 + 24^1$	$= 62 + 71 + 73 + 132 + 241$	$579 := 6^3 + 7^1 + 13^2 + 13^2 + 18^1$	$= 63 + 71 + 132 + 132 + 181$
$579 := 6^2 + 7^2 + 13^1 + 15^2 + 16^2$	$= 62 + 72 + 131 + 152 + 162$	$579 := 6^3 + 7^1 + 9^2 + 16^2 + 19^1$	$= 63 + 71 + 92 + 162 + 191$
$579 := 6^2 + 7^3 + 10^1 + 13^2 + 21^1$	$= 62 + 73 + 101 + 132 + 211$	$579 := 6^3 + 7^2 + 12^2 + 13^2 + 19^0$	$= 63 + 72 + 122 + 132 + 190$
$579 := 6^2 + 7^3 + 11^1 + 13^2 + 20^1$	$= 62 + 73 + 111 + 132 + 201$	$579 := 6^3 + 8^1 + 13^2 + 13^2 + 17^1$	$= 63 + 81 + 132 + 132 + 171$
$579 := 6^2 + 7^3 + 12^1 + 13^2 + 19^1$	$= 62 + 73 + 121 + 132 + 191$	$579 := 6^3 + 8^1 + 9^2 + 16^2 + 18^1$	$= 63 + 81 + 92 + 162 + 181$
$579 := 6^2 + 7^3 + 13^1 + 13^2 + 18^1$	$= 62 + 73 + 131 + 132 + 181$	$579 := 6^3 + 9^1 + 13^2 + 13^2 + 16^1$	$= 63 + 91 + 132 + 132 + 161$
$579 := 6^2 + 7^3 + 13^2 + 14^1 + 17^1$	$= 62 + 73 + 132 + 141 + 171$	$579 := 6^3 + 9^1 + 9^2 + 16^2 + 17^1$	$= 63 + 91 + 92 + 162 + 171$
$579 := 6^2 + 7^3 + 13^2 + 15^1 + 16^1$	$= 62 + 73 + 132 + 151 + 161$	$579 := 6^3 + 9^2 + 10^1 + 16^1 + 16^2$	$= 63 + 92 + 101 + 161 + 162$
$579 := 6^2 + 7^3 + 8^1 + 13^2 + 23^1$	$= 62 + 73 + 81 + 132 + 231$	$579 := 6^3 + 9^2 + 11^1 + 15^1 + 16^2$	$= 63 + 92 + 111 + 151 + 162$
$579 := 6^2 + 7^3 + 9^1 + 13^2 + 22^1$	$= 62 + 73 + 91 + 132 + 221$	$579 := 6^3 + 9^2 + 12^1 + 14^1 + 16^2$	$= 63 + 92 + 121 + 141 + 162$
$579 := 6^2 + 8^2 + 8^2 + 15^1 + 20^2$	$= 62 + 82 + 82 + 151 + 202$	$579 := 6^3 + 9^2 + 13^1 + 13^1 + 16^2$	$= 63 + 92 + 131 + 131 + 162$
$579 := 6^2 + 9^2 + 12^1 + 15^2 + 15^2$	$= 62 + 92 + 121 + 152 + 152$	$579 := 7^2 + 7^2 + 12^2 + 13^1 + 18^2$	$= 72 + 72 + 122 + 131 + 182$
$579 := 6^3 + 10^1 + 13^2 + 13^2 + 15^1$	$= 63 + 101 + 132 + 132 + 151$	$579 := 9^2 + 9^2 + 9^2 + 12^1 + 18^2$	$= 92 + 92 + 92 + 121 + 182$
$579 := 6^3 + 11^1 + 13^2 + 13^2 + 14^1$	$= 63 + 111 + 132 + 132 + 141$		
$579 := 6^3 + 12^1 + 13^1 + 13^2 + 13^2$	$= 63 + 121 + 131 + 132 + 132$		

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$580 := 1^6 + 17^2 + 17^2 + 22^0$	$= 16 + 172 + 172 + 220$	$580 := 1^1 + 1^7 + 10^0 + 21^0 + 24^2$	$= 11 + 17 + 100 + 210 + 242$
$580 := 1^6 + 2^4 + 2^9 + 51^1$	$= 16 + 24 + 29 + 511$	$580 := 1^1 + 1^7 + 11^0 + 20^0 + 24^2$	$= 11 + 17 + 110 + 200 + 242$
$580 := 1^6 + 7^2 + 23^2 + 26^0$	$= 16 + 72 + 232 + 260$	$580 := 1^1 + 1^7 + 12^0 + 19^0 + 24^2$	$= 11 + 17 + 120 + 190 + 242$
$580 := 1^7 + 2^1 + 24^2 + 30^0$	$= 17 + 21 + 242 + 300$	$580 := 1^1 + 1^7 + 13^0 + 18^0 + 24^2$	$= 11 + 17 + 130 + 180 + 242$
$580 := 2^6 + 3^1 + 8^3 + 44^0$	$= 26 + 31 + 83 + 440$	$580 := 1^1 + 1^7 + 14^0 + 17^0 + 24^2$	$= 11 + 17 + 140 + 170 + 242$
$580 := 2^7 + 10^1 + 21^2 + 24^0$	$= 27 + 101 + 212 + 240$	$580 := 1^1 + 1^7 + 15^0 + 16^0 + 24^2$	$= 11 + 17 + 150 + 160 + 242$
$580 := 1^0 + 1^8 + 10^0 + 21^0 + 24^2$	$= 10 + 18 + 100 + 210 + 242$	$580 := 1^1 + 1^7 + 4^0 + 24^2 + 27^0$	$= 11 + 17 + 40 + 242 + 270$
$580 := 1^0 + 1^8 + 11^0 + 20^0 + 24^2$	$= 10 + 18 + 110 + 200 + 242$	$580 := 1^1 + 1^7 + 5^0 + 24^2 + 26^0$	$= 11 + 17 + 50 + 242 + 260$
$580 := 1^0 + 1^8 + 12^0 + 19^0 + 24^2$	$= 10 + 18 + 120 + 190 + 242$	$580 := 1^1 + 1^7 + 6^0 + 24^2 + 25^0$	$= 11 + 17 + 60 + 242 + 250$
$580 := 1^0 + 1^8 + 13^0 + 18^0 + 24^2$	$= 10 + 18 + 130 + 180 + 242$	$580 := 1^1 + 1^7 + 7^0 + 24^0 + 24^2$	$= 11 + 17 + 70 + 240 + 242$
$580 := 1^0 + 1^8 + 14^0 + 17^0 + 24^2$	$= 10 + 18 + 140 + 170 + 242$	$580 := 1^1 + 1^7 + 8^0 + 23^0 + 24^2$	$= 11 + 17 + 80 + 230 + 242$
$580 := 1^0 + 1^8 + 15^0 + 16^0 + 24^2$	$= 10 + 18 + 150 + 160 + 242$	$580 := 1^1 + 1^7 + 9^0 + 22^0 + 24^2$	$= 11 + 17 + 90 + 220 + 242$
$580 := 1^0 + 1^8 + 4^0 + 24^2 + 27^0$	$= 10 + 18 + 40 + 242 + 270$	$580 := 1^2 + 1^6 + 10^0 + 21^0 + 24^2$	$= 12 + 16 + 100 + 210 + 242$
$580 := 1^0 + 1^8 + 5^0 + 24^2 + 26^0$	$= 10 + 18 + 50 + 242 + 260$	$580 := 1^2 + 1^6 + 11^0 + 20^0 + 24^2$	$= 12 + 16 + 110 + 200 + 242$
$580 := 1^0 + 1^8 + 6^0 + 24^2 + 25^0$	$= 10 + 18 + 60 + 242 + 250$	$580 := 1^2 + 1^6 + 12^0 + 19^0 + 24^2$	$= 12 + 16 + 120 + 190 + 242$
$580 := 1^0 + 1^8 + 7^0 + 24^0 + 24^2$	$= 10 + 18 + 70 + 240 + 242$	$580 := 1^2 + 1^6 + 13^0 + 18^0 + 24^2$	$= 12 + 16 + 130 + 180 + 242$
$580 := 1^0 + 1^8 + 8^0 + 23^0 + 24^2$	$= 10 + 18 + 80 + 230 + 242$	$580 := 1^2 + 1^6 + 14^0 + 17^0 + 24^2$	$= 12 + 16 + 140 + 170 + 242$
$580 := 1^0 + 1^8 + 9^0 + 22^0 + 24^2$	$= 10 + 18 + 90 + 220 + 242$	$580 := 1^2 + 1^6 + 15^0 + 16^0 + 24^2$	$= 12 + 16 + 150 + 160 + 242$
$580 := 1^0 + 2^6 + 15^2 + 17^2 + 22^0$	$= 10 + 26 + 152 + 172 + 220$	$580 := 1^2 + 1^6 + 4^0 + 24^2 + 27^0$	$= 12 + 16 + 40 + 242 + 270$
$580 := 1^0 + 2^7 + 9^1 + 21^2 + 24^0$	$= 10 + 27 + 91 + 212 + 240$	$580 := 1^2 + 1^6 + 5^0 + 24^2 + 26^0$	$= 12 + 16 + 50 + 242 + 260$

$$\begin{aligned} 580 &:= 1^2 + 1^6 + 6^0 + 24^2 + 25^0 = 12 + 16 + 60 + 242 + 250 & 580 &:= 1^4 + 7^2 + 8^3 + 17^1 + 24^0 = 14 + 72 + 83 + 171 + 240 \\ 580 &:= 1^2 + 1^6 + 7^0 + 24^0 + 24^2 = 12 + 16 + 70 + 240 + 242 & 580 &:= 1^4 + 7^3 + 10^1 + 15^2 + 24^0 = 14 + 73 + 101 + 152 + 240 \\ 580 &:= 1^2 + 1^6 + 8^0 + 23^0 + 24^2 = 12 + 16 + 80 + 230 + 242 & 580 &:= 1^4 + 8^2 + 15^2 + 16^0 + 17^2 = 14 + 82 + 152 + 160 + 172 \\ 580 &:= 1^2 + 1^6 + 9^0 + 22^0 + 24^2 = 12 + 16 + 90 + 220 + 242 & 580 &:= 1^5 + 2^0 + 14^2 + 19^2 + 21^1 = 15 + 20 + 142 + 192 + 211 \\ 580 &:= 1^2 + 2^4 + 11^2 + 21^2 + 22^0 = 12 + 24 + 112 + 212 + 220 & 580 &:= 1^5 + 2^4 + 2^9 + 24^1 + 27^1 = 15 + 24 + 29 + 241 + 271 \\ 580 &:= 1^2 + 2^5 + 14^0 + 17^1 + 23^2 = 12 + 25 + 140 + 171 + 232 & 580 &:= 1^5 + 2^4 + 2^9 + 25^1 + 26^1 = 15 + 24 + 29 + 251 + 261 \\ 580 &:= 1^2 + 3^5 + 11^1 + 18^2 + 24^0 = 12 + 35 + 111 + 182 + 240 & 580 &:= 1^5 + 4^0 + 5^2 + 23^2 + 24^1 = 15 + 40 + 52 + 232 + 241 \\ 580 &:= 1^3 + 1^5 + 10^0 + 21^0 + 24^2 = 13 + 15 + 100 + 210 + 242 & 580 &:= 1^5 + 4^0 + 6^3 + 19^2 + 27^0 = 15 + 40 + 63 + 192 + 270 \\ 580 &:= 1^3 + 1^5 + 11^0 + 20^0 + 24^2 = 13 + 15 + 110 + 200 + 242 & 580 &:= 1^5 + 5^0 + 6^3 + 19^2 + 26^0 = 15 + 50 + 63 + 192 + 260 \\ 580 &:= 1^3 + 1^5 + 12^0 + 19^0 + 24^2 = 13 + 15 + 120 + 190 + 242 & 580 &:= 1^5 + 6^0 + 6^3 + 19^2 + 25^0 = 15 + 60 + 63 + 192 + 250 \\ 580 &:= 1^3 + 1^5 + 13^0 + 18^0 + 24^2 = 13 + 15 + 130 + 180 + 242 & 580 &:= 1^5 + 6^2 + 13^1 + 14^0 + 23^2 = 15 + 62 + 131 + 140 + 232 \\ 580 &:= 1^3 + 1^5 + 14^0 + 17^0 + 24^2 = 13 + 15 + 140 + 170 + 242 & 580 &:= 1^5 + 6^3 + 10^0 + 19^2 + 21^0 = 15 + 63 + 100 + 192 + 210 \\ 580 &:= 1^3 + 1^5 + 15^0 + 16^0 + 24^2 = 13 + 15 + 150 + 160 + 242 & 580 &:= 1^5 + 6^3 + 11^0 + 19^2 + 20^0 = 15 + 63 + 110 + 192 + 200 \\ 580 &:= 1^3 + 1^5 + 4^0 + 24^2 + 27^0 = 13 + 15 + 40 + 242 + 270 & 580 &:= 1^5 + 6^3 + 12^0 + 19^0 + 19^2 = 15 + 63 + 120 + 190 + 192 \\ 580 &:= 1^3 + 1^5 + 5^0 + 24^2 + 26^0 = 13 + 15 + 50 + 242 + 260 & 580 &:= 1^5 + 6^3 + 13^0 + 18^0 + 19^2 = 15 + 63 + 130 + 180 + 192 \\ 580 &:= 1^3 + 1^5 + 6^0 + 24^2 + 25^0 = 13 + 15 + 60 + 242 + 250 & 580 &:= 1^5 + 6^3 + 14^0 + 17^0 + 19^2 = 15 + 63 + 140 + 170 + 192 \\ 580 &:= 1^3 + 1^5 + 7^0 + 24^0 + 24^2 = 13 + 15 + 70 + 240 + 242 & 580 &:= 1^5 + 6^3 + 15^0 + 16^0 + 19^2 = 15 + 63 + 150 + 160 + 192 \\ 580 &:= 1^3 + 1^5 + 8^0 + 23^0 + 24^2 = 13 + 15 + 80 + 230 + 242 & 580 &:= 1^5 + 6^3 + 7^0 + 19^2 + 24^0 = 15 + 63 + 70 + 192 + 240 \\ 580 &:= 1^3 + 1^5 + 9^0 + 22^0 + 24^2 = 13 + 15 + 90 + 220 + 242 & 580 &:= 1^5 + 6^3 + 8^0 + 19^2 + 23^0 = 15 + 63 + 80 + 192 + 230 \\ 580 &:= 1^3 + 3^4 + 13^1 + 18^0 + 22^2 = 13 + 34 + 131 + 180 + 222 & 580 &:= 1^5 + 6^3 + 9^0 + 19^2 + 22^0 = 15 + 63 + 90 + 192 + 220 \\ 580 &:= 1^3 + 4^3 + 15^2 + 17^2 + 20^0 = 13 + 43 + 152 + 172 + 200 & 580 &:= 1^5 + 8^0 + 11^2 + 16^1 + 21^2 = 15 + 80 + 112 + 161 + 212 \\ 580 &:= 1^3 + 6^3 + 7^3 + 19^1 + 24^0 = 13 + 63 + 73 + 191 + 240 & 580 &:= 1^5 + 9^1 + 13^2 + 14^0 + 20^2 = 15 + 91 + 132 + 140 + 202 \\ 580 &:= 1^4 + 1^4 + 10^0 + 21^0 + 24^2 = 14 + 14 + 100 + 210 + 242 & 580 &:= 1^5 + 9^2 + 12^0 + 13^1 + 22^2 = 15 + 92 + 120 + 131 + 222 \\ 580 &:= 1^4 + 1^4 + 11^0 + 20^0 + 24^2 = 14 + 14 + 110 + 200 + 242 & 580 &:= 1^6 + 1^9 + 14^2 + 19^2 + 21^1 = 16 + 19 + 142 + 192 + 211 \\ 580 &:= 1^4 + 1^4 + 12^0 + 19^0 + 24^2 = 14 + 14 + 120 + 190 + 242 & 580 &:= 1^7 + 1^8 + 14^2 + 19^2 + 21^1 = 17 + 18 + 142 + 192 + 211 \\ 580 &:= 1^4 + 1^4 + 13^0 + 18^0 + 24^2 = 14 + 14 + 130 + 180 + 242 & 580 &:= 1^8 + 10^0 + 10^0 + 12^0 + 24^2 = 18 + 100 + 100 + 120 + 242 \\ 580 &:= 1^4 + 1^4 + 14^0 + 17^0 + 24^2 = 14 + 14 + 140 + 170 + 242 & 580 &:= 1^8 + 10^0 + 11^0 + 11^0 + 24^2 = 18 + 100 + 110 + 110 + 242 \\ 580 &:= 1^4 + 1^4 + 15^0 + 16^0 + 24^2 = 14 + 14 + 150 + 160 + 242 & 580 &:= 1^8 + 2^0 + 10^0 + 20^0 + 24^2 = 18 + 20 + 100 + 200 + 242 \\ 580 &:= 1^4 + 1^4 + 4^0 + 24^2 + 27^0 = 14 + 14 + 40 + 242 + 270 & 580 &:= 1^8 + 2^0 + 11^0 + 19^0 + 24^2 = 18 + 20 + 110 + 190 + 242 \\ 580 &:= 1^4 + 1^4 + 5^0 + 24^2 + 26^0 = 14 + 14 + 50 + 242 + 260 & 580 &:= 1^8 + 2^0 + 12^0 + 18^0 + 24^2 = 18 + 20 + 120 + 180 + 242 \\ 580 &:= 1^4 + 1^4 + 6^0 + 24^2 + 25^0 = 14 + 14 + 60 + 242 + 250 & 580 &:= 1^8 + 2^0 + 13^0 + 17^0 + 24^2 = 18 + 20 + 130 + 170 + 242 \\ 580 &:= 1^4 + 1^4 + 7^0 + 24^0 + 24^2 = 14 + 14 + 70 + 240 + 242 & 580 &:= 1^8 + 2^0 + 14^0 + 16^0 + 24^2 = 18 + 20 + 140 + 160 + 242 \\ 580 &:= 1^4 + 1^4 + 8^0 + 23^0 + 24^2 = 14 + 14 + 80 + 230 + 242 & 580 &:= 1^8 + 2^0 + 15^0 + 15^0 + 24^2 = 18 + 20 + 150 + 150 + 242 \\ 580 &:= 1^4 + 1^4 + 9^0 + 22^0 + 24^2 = 14 + 14 + 90 + 220 + 242 & 580 &:= 1^8 + 2^0 + 3^0 + 24^2 + 27^0 = 18 + 20 + 30 + 242 + 270 \\ 580 &:= 1^4 + 3^2 + 13^2 + 20^0 + 20^2 = 14 + 32 + 132 + 200 + 202 & 580 &:= 1^8 + 2^0 + 4^0 + 24^2 + 26^0 = 18 + 20 + 40 + 242 + 260 \\ 580 &:= 1^4 + 3^3 + 8^0 + 22^1 + 23^2 = 14 + 33 + 80 + 221 + 232 & 580 &:= 1^8 + 2^0 + 5^0 + 24^2 + 25^0 = 18 + 20 + 50 + 242 + 250 \\ 580 &:= 1^4 + 4^2 + 11^2 + 20^0 + 21^2 = 14 + 42 + 112 + 200 + 212 & 580 &:= 1^8 + 2^0 + 6^0 + 24^0 + 24^2 = 18 + 20 + 60 + 240 + 242 \\ 580 &:= 1^4 + 5^3 + 12^1 + 18^0 + 21^2 = 14 + 53 + 121 + 180 + 212 & 580 &:= 1^8 + 2^0 + 7^0 + 23^0 + 24^2 = 18 + 20 + 70 + 230 + 242 \end{aligned}$$

$$\begin{aligned} 580 &:= 1^8 + 2^0 + 8^0 + 22^0 + 24^2 = 18 + 20 + 80 + 220 + 242 \\ 580 &:= 1^8 + 2^0 + 9^0 + 21^0 + 24^2 = 18 + 20 + 90 + 210 + 242 \\ 580 &:= 1^8 + 2^7 + 8^2 + 19^2 + 26^1 = 18 + 27 + 82 + 192 + 261 \\ 580 &:= 1^8 + 3^0 + 10^0 + 19^0 + 24^2 = 18 + 30 + 100 + 190 + 242 \\ 580 &:= 1^8 + 3^0 + 11^0 + 18^0 + 24^2 = 18 + 30 + 110 + 180 + 242 \\ 580 &:= 1^8 + 3^0 + 12^0 + 17^0 + 24^2 = 18 + 30 + 120 + 170 + 242 \\ 580 &:= 1^8 + 3^0 + 13^0 + 16^0 + 24^2 = 18 + 30 + 130 + 160 + 242 \\ 580 &:= 1^8 + 3^0 + 14^0 + 15^0 + 24^2 = 18 + 30 + 140 + 150 + 242 \\ 580 &:= 1^8 + 3^0 + 3^0 + 24^2 + 26^0 = 18 + 30 + 30 + 242 + 260 \\ 580 &:= 1^8 + 3^0 + 4^0 + 24^2 + 25^0 = 18 + 30 + 40 + 242 + 250 \\ 580 &:= 1^8 + 3^0 + 5^0 + 24^0 + 24^2 = 18 + 30 + 50 + 240 + 242 \\ 580 &:= 1^8 + 3^0 + 6^0 + 23^0 + 24^2 = 18 + 30 + 60 + 230 + 242 \\ 580 &:= 1^8 + 3^0 + 7^0 + 22^0 + 24^2 = 18 + 30 + 70 + 220 + 242 \\ 580 &:= 1^8 + 3^0 + 8^0 + 21^0 + 24^2 = 18 + 30 + 80 + 210 + 242 \\ 580 &:= 1^8 + 3^0 + 9^0 + 20^0 + 24^2 = 18 + 30 + 90 + 200 + 242 \\ 580 &:= 1^8 + 4^0 + 10^0 + 18^0 + 24^2 = 18 + 40 + 100 + 180 + 242 \\ 580 &:= 1^8 + 4^0 + 11^0 + 17^0 + 24^2 = 18 + 40 + 110 + 170 + 242 \\ 580 &:= 1^8 + 4^0 + 12^0 + 16^0 + 24^2 = 18 + 40 + 120 + 160 + 242 \\ 580 &:= 1^8 + 4^0 + 13^0 + 15^0 + 24^2 = 18 + 40 + 130 + 150 + 242 \\ 580 &:= 1^8 + 4^0 + 14^0 + 14^0 + 24^2 = 18 + 40 + 140 + 140 + 242 \\ 580 &:= 1^8 + 4^0 + 4^0 + 24^0 + 24^2 = 18 + 40 + 40 + 240 + 242 \\ 580 &:= 1^8 + 4^0 + 5^0 + 23^0 + 24^2 = 18 + 40 + 50 + 230 + 242 \\ 580 &:= 1^8 + 4^0 + 6^0 + 22^0 + 24^2 = 18 + 40 + 60 + 220 + 242 \\ 580 &:= 1^8 + 4^0 + 7^0 + 21^0 + 24^2 = 18 + 40 + 70 + 210 + 242 \\ 580 &:= 1^8 + 4^0 + 8^0 + 20^0 + 24^2 = 18 + 40 + 80 + 200 + 242 \\ 580 &:= 1^8 + 4^0 + 9^0 + 19^0 + 24^2 = 18 + 40 + 90 + 190 + 242 \\ 580 &:= 1^8 + 5^0 + 10^0 + 17^0 + 24^2 = 18 + 50 + 100 + 170 + 242 \\ 580 &:= 1^8 + 5^0 + 11^0 + 16^0 + 24^2 = 18 + 50 + 110 + 160 + 242 \\ 580 &:= 1^8 + 5^0 + 12^0 + 15^0 + 24^2 = 18 + 50 + 120 + 150 + 242 \\ 580 &:= 1^8 + 5^0 + 13^0 + 14^0 + 24^2 = 18 + 50 + 130 + 140 + 242 \\ 580 &:= 1^8 + 5^0 + 5^0 + 22^0 + 24^2 = 18 + 50 + 50 + 220 + 242 \\ 580 &:= 1^8 + 5^0 + 6^0 + 21^0 + 24^2 = 18 + 50 + 60 + 210 + 242 \\ 580 &:= 1^8 + 5^0 + 7^0 + 20^0 + 24^2 = 18 + 50 + 70 + 200 + 242 \\ 580 &:= 1^8 + 5^0 + 8^0 + 19^0 + 24^2 = 18 + 50 + 80 + 190 + 242 \\ 580 &:= 1^8 + 5^0 + 9^0 + 18^0 + 24^2 = 18 + 50 + 90 + 180 + 242 \\ 580 &:= 1^8 + 6^0 + 10^0 + 16^0 + 24^2 = 18 + 60 + 100 + 160 + 242 \\ 580 &:= 1^8 + 6^0 + 11^0 + 15^0 + 24^2 = 18 + 60 + 110 + 150 + 242 \\ 580 &:= 1^8 + 6^0 + 12^0 + 14^0 + 24^2 = 18 + 60 + 120 + 140 + 242 \end{aligned}$$

$$\begin{aligned} 580 &:= 1^8 + 6^0 + 13^0 + 13^0 + 24^2 = 18 + 60 + 130 + 130 + 242 \\ 580 &:= 1^8 + 6^0 + 6^0 + 20^0 + 24^2 = 18 + 60 + 60 + 200 + 242 \\ 580 &:= 1^8 + 6^0 + 7^0 + 19^0 + 24^2 = 18 + 60 + 70 + 190 + 242 \\ 580 &:= 1^8 + 6^0 + 8^0 + 18^0 + 24^2 = 18 + 60 + 80 + 180 + 242 \\ 580 &:= 1^8 + 6^0 + 9^0 + 17^0 + 24^2 = 18 + 60 + 90 + 170 + 242 \\ 580 &:= 1^8 + 7^0 + 10^0 + 15^0 + 24^2 = 18 + 70 + 100 + 150 + 242 \\ 580 &:= 1^8 + 7^0 + 11^0 + 14^0 + 24^2 = 18 + 70 + 110 + 140 + 242 \\ 580 &:= 1^8 + 7^0 + 12^0 + 13^0 + 24^2 = 18 + 70 + 120 + 130 + 242 \\ 580 &:= 1^8 + 7^0 + 7^0 + 18^0 + 24^2 = 18 + 70 + 70 + 180 + 242 \\ 580 &:= 1^8 + 7^0 + 8^0 + 17^0 + 24^2 = 18 + 70 + 80 + 170 + 242 \\ 580 &:= 1^8 + 7^0 + 9^0 + 16^0 + 24^2 = 18 + 70 + 90 + 160 + 242 \\ 580 &:= 1^8 + 8^0 + 10^0 + 14^0 + 24^2 = 18 + 80 + 100 + 140 + 242 \\ 580 &:= 1^8 + 8^0 + 11^0 + 13^0 + 24^2 = 18 + 80 + 110 + 130 + 242 \\ 580 &:= 1^8 + 8^0 + 12^0 + 12^0 + 24^2 = 18 + 80 + 120 + 120 + 242 \\ 580 &:= 1^8 + 8^0 + 8^0 + 16^0 + 24^2 = 18 + 80 + 80 + 160 + 242 \\ 580 &:= 1^8 + 8^0 + 9^0 + 15^0 + 24^2 = 18 + 80 + 90 + 150 + 242 \\ 580 &:= 1^8 + 9^0 + 10^0 + 13^0 + 24^2 = 18 + 90 + 100 + 130 + 242 \\ 580 &:= 1^8 + 9^0 + 11^0 + 12^0 + 24^2 = 18 + 90 + 110 + 120 + 242 \\ 580 &:= 1^8 + 9^0 + 9^0 + 14^0 + 24^2 = 18 + 90 + 90 + 140 + 242 \\ 580 &:= 1^9 + 1^9 + 10^0 + 20^0 + 24^2 = 19 + 19 + 100 + 200 + 242 \\ 580 &:= 1^9 + 1^9 + 11^0 + 19^0 + 24^2 = 19 + 19 + 110 + 190 + 242 \\ 580 &:= 1^9 + 1^9 + 12^0 + 18^0 + 24^2 = 19 + 19 + 120 + 180 + 242 \\ 580 &:= 1^9 + 1^9 + 13^0 + 17^0 + 24^2 = 19 + 19 + 130 + 170 + 242 \\ 580 &:= 1^9 + 1^9 + 14^0 + 16^0 + 24^2 = 19 + 19 + 140 + 160 + 242 \\ 580 &:= 1^9 + 1^9 + 15^0 + 15^0 + 24^2 = 19 + 19 + 150 + 150 + 242 \\ 580 &:= 1^9 + 1^9 + 3^0 + 24^2 + 27^0 = 19 + 19 + 30 + 242 + 270 \\ 580 &:= 1^9 + 1^9 + 4^0 + 24^2 + 26^0 = 19 + 19 + 40 + 242 + 260 \\ 580 &:= 1^9 + 1^9 + 5^0 + 24^2 + 25^0 = 19 + 19 + 50 + 242 + 250 \\ 580 &:= 1^9 + 1^9 + 6^0 + 24^0 + 24^2 = 19 + 19 + 60 + 240 + 242 \\ 580 &:= 1^9 + 1^9 + 7^0 + 23^0 + 24^2 = 19 + 19 + 70 + 230 + 242 \\ 580 &:= 1^9 + 1^9 + 8^0 + 22^0 + 24^2 = 19 + 19 + 80 + 220 + 242 \\ 580 &:= 1^9 + 1^9 + 9^0 + 21^0 + 24^2 = 19 + 19 + 90 + 210 + 242 \\ 580 &:= 1^9 + 2^6 + 13^2 + 18^2 + 22^1 = 19 + 26 + 132 + 182 + 221 \\ 580 &:= 1^9 + 2^6 + 7^2 + 21^2 + 25^1 = 19 + 26 + 72 + 212 + 251 \\ 580 &:= 1^9 + 2^7 + 15^2 + 15^2 + 23^0 = 19 + 27 + 152 + 152 + 230 \\ 580 &:= 2^0 + 2^6 + 10^1 + 21^1 + 22^2 = 20 + 26 + 101 + 211 + 222 \\ 580 &:= 2^0 + 2^6 + 11^1 + 20^1 + 22^2 = 20 + 26 + 111 + 201 + 222 \\ 580 &:= 2^0 + 2^6 + 12^1 + 19^1 + 22^2 = 20 + 26 + 121 + 191 + 222 \end{aligned}$$

$$\begin{aligned}
 580 &:= 2^0 + 2^6 + 13^1 + 18^1 + 22^2 = 20 + 26 + 131 + 181 + 222 & 580 &:= 2^5 + 3^1 + 12^2 + 20^0 + 20^2 = 25 + 31 + 122 + 200 + 202 \\
 580 &:= 2^0 + 2^6 + 14^1 + 17^1 + 22^2 = 20 + 26 + 141 + 171 + 222 & 580 &:= 2^5 + 3^2 + 9^1 + 20^0 + 23^2 = 25 + 32 + 91 + 200 + 232 \\
 580 &:= 2^0 + 2^6 + 15^1 + 16^1 + 22^2 = 20 + 26 + 151 + 161 + 222 & 580 &:= 2^5 + 6^0 + 13^2 + 17^1 + 19^2 = 25 + 60 + 132 + 171 + 192 \\
 580 &:= 2^0 + 2^6 + 15^2 + 17^2 + 21^0 = 20 + 26 + 152 + 172 + 210 & 580 &:= 2^5 + 6^1 + 10^2 + 18^0 + 21^2 = 25 + 61 + 102 + 180 + 212 \\
 580 &:= 2^0 + 2^6 + 4^1 + 22^2 + 27^1 = 20 + 26 + 41 + 222 + 271 & 580 &:= 2^5 + 7^2 + 12^0 + 14^1 + 22^2 = 25 + 72 + 120 + 141 + 222 \\
 580 &:= 2^0 + 2^6 + 5^1 + 22^2 + 26^1 = 20 + 26 + 51 + 222 + 261 & 580 &:= 2^5 + 8^1 + 8^3 + 12^0 + 27^1 = 25 + 81 + 83 + 120 + 271 \\
 580 &:= 2^0 + 2^6 + 6^1 + 22^2 + 25^1 = 20 + 26 + 61 + 222 + 251 & 580 &:= 2^5 + 8^3 + 10^1 + 12^0 + 25^1 = 25 + 83 + 101 + 120 + 251 \\
 580 &:= 2^0 + 2^6 + 7^1 + 22^2 + 24^1 = 20 + 26 + 71 + 222 + 241 & 580 &:= 2^5 + 8^3 + 11^1 + 12^0 + 24^1 = 25 + 83 + 111 + 120 + 241 \\
 580 &:= 2^0 + 2^6 + 8^1 + 22^2 + 23^1 = 20 + 26 + 81 + 222 + 231 & 580 &:= 2^5 + 8^3 + 12^0 + 12^1 + 23^1 = 25 + 83 + 120 + 121 + 231 \\
 580 &:= 2^0 + 2^6 + 9^1 + 22^1 + 22^2 = 20 + 26 + 91 + 221 + 222 & 580 &:= 2^5 + 8^3 + 12^0 + 13^1 + 22^1 = 25 + 83 + 120 + 131 + 221 \\
 580 &:= 2^0 + 2^7 + 9^1 + 21^2 + 23^0 = 20 + 27 + 91 + 212 + 230 & 580 &:= 2^5 + 8^3 + 12^0 + 14^1 + 21^1 = 25 + 83 + 120 + 141 + 211 \\
 580 &:= 2^1 + 2^5 + 16^2 + 17^2 + 20^0 = 21 + 25 + 162 + 172 + 200 & 580 &:= 2^5 + 8^3 + 12^0 + 15^1 + 20^1 = 25 + 83 + 120 + 151 + 201 \\
 580 &:= 2^1 + 2^5 + 4^2 + 23^2 + 26^0 = 21 + 25 + 42 + 232 + 260 & 580 &:= 2^5 + 8^3 + 12^0 + 16^1 + 19^1 = 25 + 83 + 120 + 161 + 191 \\
 580 &:= 2^1 + 2^6 + 8^3 + 18^0 + 27^0 = 21 + 26 + 83 + 180 + 270 & 580 &:= 2^5 + 8^3 + 12^0 + 17^1 + 18^1 = 25 + 83 + 120 + 171 + 181 \\
 580 &:= 2^1 + 2^6 + 8^3 + 19^0 + 26^0 = 21 + 26 + 83 + 190 + 260 & 580 &:= 2^5 + 8^3 + 9^1 + 12^0 + 26^1 = 25 + 83 + 91 + 120 + 261 \\
 580 &:= 2^1 + 2^6 + 8^3 + 20^0 + 25^0 = 21 + 26 + 83 + 200 + 250 & 580 &:= 2^6 + 10^0 + 13^0 + 15^2 + 17^2 = 26 + 100 + 130 + 152 + 172 \\
 580 &:= 2^1 + 2^6 + 8^3 + 21^0 + 24^0 = 21 + 26 + 83 + 210 + 240 & 580 &:= 2^6 + 11^0 + 12^0 + 15^2 + 17^2 = 26 + 110 + 120 + 152 + 172 \\
 580 &:= 2^1 + 2^6 + 8^3 + 22^0 + 23^0 = 21 + 26 + 83 + 220 + 230 & 580 &:= 2^6 + 3^0 + 15^2 + 17^2 + 20^0 = 26 + 30 + 152 + 172 + 200 \\
 580 &:= 2^2 + 2^5 + 14^1 + 16^0 + 23^2 = 22 + 25 + 141 + 160 + 232 & 580 &:= 2^6 + 4^0 + 15^2 + 17^2 + 19^0 = 26 + 40 + 152 + 172 + 190 \\
 580 &:= 2^2 + 3^3 + 4^3 + 22^2 + 26^0 = 22 + 33 + 43 + 222 + 260 & 580 &:= 2^6 + 5^0 + 15^2 + 17^2 + 18^0 = 26 + 50 + 152 + 172 + 180 \\
 580 &:= 2^2 + 3^5 + 8^1 + 18^2 + 26^0 = 22 + 35 + 81 + 182 + 260 & 580 &:= 2^6 + 6^0 + 15^2 + 17^0 + 17^2 = 26 + 60 + 152 + 170 + 172 \\
 580 &:= 2^3 + 2^4 + 4^0 + 23^2 + 26^1 = 23 + 24 + 40 + 232 + 261 & 580 &:= 2^6 + 7^0 + 15^2 + 16^0 + 17^2 = 26 + 70 + 152 + 160 + 172 \\
 580 &:= 2^3 + 3^3 + 12^2 + 20^0 + 20^2 = 23 + 33 + 122 + 200 + 202 & 580 &:= 2^6 + 8^0 + 15^0 + 15^2 + 17^2 = 26 + 80 + 150 + 152 + 172 \\
 580 &:= 2^3 + 3^4 + 6^1 + 22^2 + 24^0 = 23 + 34 + 61 + 222 + 240 & 580 &:= 2^6 + 9^0 + 14^0 + 15^2 + 17^2 = 26 + 90 + 140 + 152 + 172 \\
 580 &:= 2^3 + 4^4 + 8^0 + 17^2 + 26^1 = 23 + 44 + 80 + 172 + 261 & 580 &:= 2^7 + 3^0 + 9^1 + 21^2 + 22^0 = 27 + 30 + 91 + 212 + 220 \\
 580 &:= 2^4 + 13^2 + 13^2 + 14^0 + 15^2 = 24 + 132 + 132 + 140 + 152 & 580 &:= 2^7 + 4^0 + 9^1 + 21^0 + 21^2 = 27 + 40 + 91 + 210 + 212 \\
 580 &:= 2^4 + 3^2 + 5^2 + 23^2 + 24^0 = 24 + 32 + 52 + 232 + 240 & 580 &:= 2^7 + 5^0 + 9^1 + 20^0 + 21^2 = 27 + 50 + 91 + 200 + 212 \\
 580 &:= 2^4 + 3^3 + 7^1 + 22^0 + 23^2 = 24 + 33 + 71 + 220 + 232 & 580 &:= 2^7 + 6^0 + 9^1 + 19^0 + 21^2 = 27 + 60 + 91 + 190 + 212 \\
 580 &:= 2^4 + 4^3 + 14^0 + 15^1 + 22^2 = 24 + 43 + 140 + 151 + 222 & 580 &:= 2^7 + 7^0 + 9^1 + 18^0 + 21^2 = 27 + 70 + 91 + 180 + 212 \\
 580 &:= 2^4 + 5^2 + 8^3 + 16^0 + 26^1 = 24 + 52 + 83 + 160 + 261 & 580 &:= 2^7 + 8^0 + 9^1 + 17^0 + 21^2 = 27 + 80 + 91 + 170 + 212 \\
 580 &:= 2^4 + 6^2 + 8^3 + 15^1 + 26^0 = 24 + 62 + 83 + 151 + 260 & 580 &:= 2^7 + 9^0 + 9^1 + 16^0 + 21^2 = 27 + 90 + 91 + 160 + 212 \\
 580 &:= 2^4 + 6^3 + 8^0 + 18^2 + 23^1 = 24 + 63 + 80 + 182 + 231 & 580 &:= 2^7 + 9^1 + 10^0 + 15^0 + 21^2 = 27 + 91 + 100 + 150 + 212 \\
 580 &:= 2^4 + 7^2 + 15^2 + 16^0 + 17^2 = 24 + 72 + 152 + 160 + 172 & 580 &:= 2^7 + 9^1 + 11^0 + 14^0 + 21^2 = 27 + 91 + 110 + 140 + 212 \\
 580 &:= 2^4 + 7^3 + 10^0 + 14^2 + 24^1 = 24 + 73 + 100 + 142 + 241 & 580 &:= 2^7 + 9^1 + 12^0 + 13^0 + 21^2 = 27 + 91 + 120 + 130 + 212 \\
 580 &:= 2^4 + 9^2 + 11^2 + 16^0 + 19^2 = 24 + 92 + 112 + 160 + 192 & 580 &:= 3^3 + 4^4 + 7^1 + 17^2 + 26^0 = 33 + 44 + 71 + 172 + 260 \\
 580 &:= 2^5 + 2^8 + 3^5 + 22^1 + 27^1 = 25 + 28 + 35 + 221 + 271 & 580 &:= 3^4 + 11^2 + 11^2 + 16^0 + 16^2 = 34 + 112 + 112 + 160 + 162 \\
 580 &:= 2^5 + 2^8 + 3^5 + 23^1 + 26^1 = 25 + 28 + 35 + 231 + 261 & 580 &:= 3^4 + 4^2 + 11^2 + 19^2 + 20^0 = 34 + 42 + 112 + 192 + 200 \\
 580 &:= 2^5 + 2^8 + 3^5 + 24^1 + 25^1 = 25 + 28 + 35 + 241 + 251 & 580 &:= 3^4 + 5^3 + 12^1 + 18^0 + 19^2 = 34 + 53 + 121 + 180 + 192
 \end{aligned}$$

$$\begin{aligned}
 580 &:= 3^4 + 6^0 + 6^3 + 16^2 + 26^1 = 34 + 60 + 63 + 162 + 261 \\
 580 &:= 3^4 + 7^2 + 7^2 + 20^0 + 20^2 = 34 + 72 + 72 + 200 + 202 \\
 580 &:= 3^4 + 7^3 + 11^1 + 12^2 + 24^0 = 34 + 73 + 111 + 122 + 240 \\
 580 &:= 3^5 + 10^0 + 11^2 + 14^2 + 19^1 = 35 + 100 + 112 + 142 + 191 \\
 580 &:= 3^5 + 10^2 + 11^1 + 15^2 + 18^0 = 35 + 102 + 111 + 152 + 180 \\
 580 &:= 3^5 + 5^2 + 10^0 + 17^2 + 22^1 = 35 + 52 + 100 + 172 + 221 \\
 580 &:= 3^5 + 6^0 + 12^2 + 13^2 + 23^1 = 35 + 60 + 122 + 132 + 231
 \end{aligned}$$

$$\begin{aligned}
 580 &:= 3^5 + 6^2 + 11^1 + 17^2 + 20^0 = 35 + 62 + 111 + 172 + 200 \\
 580 &:= 3^5 + 8^2 + 14^0 + 16^1 + 16^2 = 35 + 82 + 140 + 161 + 162 \\
 580 &:= 4^4 + 6^3 + 9^2 + 12^0 + 26^1 = 44 + 63 + 92 + 120 + 261 \\
 580 &:= 4^4 + 7^2 + 7^2 + 15^2 + 24^0 = 44 + 72 + 72 + 152 + 240 \\
 580 &:= 4^4 + 9^2 + 11^2 + 11^2 + 22^0 = 44 + 92 + 112 + 112 + 220 \\
 580 &:= 5^3 + 6^3 + 6^3 + 18^0 + 22^1 = 53 + 63 + 63 + 180 + 221
 \end{aligned}$$

2.2.482 Number 581

$$\begin{aligned}
 581 &:= 1^2 + 2^6 + 22^2 + 32^1 = 12 + 26 + 222 + 321 \\
 581 &:= 1^4 + 4^4 + 17^2 + 35^1 = 14 + 44 + 172 + 351 \\
 581 &:= 1^5 + 5^2 + 8^3 + 43^1 = 15 + 52 + 83 + 431 \\
 581 &:= 1^6 + 14^2 + 19^2 + 23^1 = 16 + 142 + 192 + 231 \\
 581 &:= 1^8 + 3^1 + 24^2 + 29^0 = 18 + 31 + 242 + 290 \\
 581 &:= 2^2 + 2^6 + 8^3 + 45^0 = 22 + 26 + 83 + 450 \\
 581 &:= 2^3 + 2^4 + 8^3 + 45^1 = 23 + 24 + 83 + 451 \\
 581 &:= 2^6 + 13^2 + 18^2 + 24^1 = 26 + 132 + 182 + 241 \\
 581 &:= 2^6 + 7^2 + 21^2 + 27^1 = 26 + 72 + 212 + 271 \\
 581 &:= 2^7 + 14^2 + 16^2 + 25^0 = 27 + 142 + 162 + 250 \\
 581 &:= 2^8 + 3^0 + 17^2 + 35^1 = 28 + 30 + 172 + 351 \\
 581 &:= 3^4 + 3^5 + 16^2 + 35^0 = 34 + 35 + 162 + 350 \\
 581 &:= 3^5 + 4^4 + 9^2 + 41^0 = 35 + 44 + 92 + 410 \\
 581 &:= 4^4 + 4^4 + 5^2 + 44^1 = 44 + 44 + 52 + 441 \\
 581 &:= 1^0 + 1^6 + 14^2 + 19^2 + 22^1 = 10 + 16 + 142 + 192 + 221 \\
 581 &:= 1^0 + 1^7 + 17^2 + 17^2 + 21^0 = 10 + 17 + 172 + 172 + 210 \\
 581 &:= 1^0 + 1^7 + 7^2 + 23^2 + 25^0 = 10 + 17 + 72 + 232 + 250 \\
 581 &:= 1^0 + 2^6 + 13^2 + 18^2 + 23^1 = 10 + 26 + 132 + 182 + 231 \\
 581 &:= 1^0 + 2^6 + 7^2 + 21^2 + 26^1 = 10 + 26 + 72 + 212 + 261 \\
 581 &:= 1^1 + 1^5 + 14^2 + 19^2 + 22^1 = 11 + 15 + 142 + 192 + 221 \\
 581 &:= 1^1 + 1^6 + 17^2 + 17^2 + 21^0 = 11 + 16 + 172 + 172 + 210 \\
 581 &:= 1^1 + 1^6 + 7^2 + 23^2 + 25^0 = 11 + 16 + 72 + 232 + 250 \\
 581 &:= 1^1 + 2^6 + 10^1 + 22^1 + 22^2 = 11 + 26 + 101 + 221 + 222 \\
 581 &:= 1^1 + 2^6 + 11^1 + 21^1 + 22^2 = 11 + 26 + 111 + 211 + 222 \\
 581 &:= 1^1 + 2^6 + 12^1 + 20^1 + 22^2 = 11 + 26 + 121 + 201 + 222 \\
 581 &:= 1^1 + 2^6 + 13^1 + 19^1 + 22^2 = 11 + 26 + 131 + 191 + 222 \\
 581 &:= 1^1 + 2^6 + 14^1 + 18^1 + 22^2 = 11 + 26 + 141 + 181 + 222 \\
 581 &:= 1^1 + 2^6 + 15^1 + 17^1 + 22^2 = 11 + 26 + 151 + 171 + 222
 \end{aligned}$$

$$\begin{aligned}
 581 &:= 1^1 + 2^6 + 16^1 + 16^1 + 22^2 = 11 + 26 + 161 + 161 + 222 \\
 581 &:= 1^1 + 2^6 + 5^1 + 22^2 + 27^1 = 11 + 26 + 51 + 222 + 271 \\
 581 &:= 1^1 + 2^6 + 6^1 + 22^2 + 26^1 = 11 + 26 + 61 + 222 + 261 \\
 581 &:= 1^1 + 2^6 + 7^1 + 22^2 + 25^1 = 11 + 26 + 71 + 222 + 251 \\
 581 &:= 1^1 + 2^6 + 8^1 + 22^2 + 24^1 = 11 + 26 + 81 + 222 + 241 \\
 581 &:= 1^1 + 2^6 + 9^1 + 22^2 + 23^1 = 11 + 26 + 91 + 222 + 231 \\
 581 &:= 1^1 + 2^7 + 10^1 + 21^2 + 23^0 = 11 + 27 + 101 + 212 + 230 \\
 581 &:= 1^2 + 1^4 + 14^2 + 19^2 + 22^1 = 12 + 14 + 142 + 192 + 221 \\
 581 &:= 1^2 + 1^5 + 17^2 + 17^2 + 21^0 = 12 + 15 + 172 + 172 + 210 \\
 581 &:= 1^2 + 1^5 + 7^2 + 23^2 + 25^0 = 12 + 15 + 72 + 232 + 250 \\
 581 &:= 1^2 + 2^4 + 10^2 + 21^2 + 23^1 = 12 + 24 + 102 + 212 + 231 \\
 581 &:= 1^3 + 1^3 + 14^2 + 19^2 + 22^1 = 13 + 13 + 142 + 192 + 221 \\
 581 &:= 1^3 + 1^4 + 17^2 + 17^2 + 21^0 = 13 + 14 + 172 + 172 + 210 \\
 581 &:= 1^3 + 1^4 + 7^2 + 23^2 + 25^0 = 13 + 14 + 72 + 232 + 250 \\
 581 &:= 1^3 + 2^3 + 4^2 + 23^2 + 27^1 = 13 + 23 + 42 + 232 + 271 \\
 581 &:= 1^3 + 2^3 + 8^2 + 22^2 + 24^1 = 13 + 23 + 82 + 222 + 241 \\
 581 &:= 1^3 + 2^5 + 13^0 + 18^1 + 23^2 = 13 + 25 + 130 + 181 + 232 \\
 581 &:= 1^3 + 3^5 + 12^1 + 18^2 + 23^0 = 13 + 35 + 121 + 182 + 230 \\
 581 &:= 1^3 + 4^4 + 10^1 + 17^2 + 25^1 = 13 + 44 + 101 + 172 + 251 \\
 581 &:= 1^3 + 4^4 + 11^1 + 17^2 + 24^1 = 13 + 44 + 111 + 172 + 241 \\
 581 &:= 1^3 + 4^4 + 12^1 + 17^2 + 23^1 = 13 + 44 + 121 + 172 + 231 \\
 581 &:= 1^3 + 4^4 + 13^1 + 17^2 + 22^1 = 13 + 44 + 131 + 172 + 221 \\
 581 &:= 1^3 + 4^4 + 14^1 + 17^2 + 21^1 = 13 + 44 + 141 + 172 + 211 \\
 581 &:= 1^3 + 4^4 + 15^1 + 17^2 + 20^1 = 13 + 44 + 151 + 172 + 201 \\
 581 &:= 1^3 + 4^4 + 16^1 + 17^2 + 19^1 = 13 + 44 + 161 + 172 + 191 \\
 581 &:= 1^3 + 4^4 + 17^1 + 17^2 + 18^1 = 13 + 44 + 171 + 172 + 181 \\
 581 &:= 1^3 + 4^4 + 8^1 + 17^2 + 27^1 = 13 + 44 + 81 + 172 + 271 \\
 581 &:= 1^3 + 4^4 + 9^1 + 17^2 + 26^1 = 13 + 44 + 91 + 172 + 261
 \end{aligned}$$

$$\begin{aligned} 581 &:= 1^3 + 5^3 + 12^2 + 17^2 + 22^1 = 13 + 53 + 122 + 172 + 221 \\ 581 &:= 1^3 + 6^3 + 12^2 + 14^2 + 24^1 = 13 + 63 + 122 + 142 + 241 \\ 581 &:= 1^3 + 6^3 + 7^2 + 17^2 + 26^1 = 13 + 63 + 72 + 172 + 261 \\ 581 &:= 1^4 + 12^2 + 14^2 + 15^1 + 15^2 = 14 + 122 + 142 + 151 + 152 \\ 581 &:= 1^4 + 3^2 + 4^2 + 23^2 + 26^1 = 14 + 32 + 42 + 232 + 261 \\ 581 &:= 1^4 + 3^2 + 8^2 + 22^2 + 23^1 = 14 + 32 + 82 + 222 + 231 \\ 581 &:= 1^4 + 3^4 + 14^1 + 17^0 + 22^2 = 14 + 34 + 141 + 170 + 222 \\ 581 &:= 1^4 + 4^2 + 12^2 + 20^1 + 20^2 = 14 + 42 + 122 + 201 + 202 \\ 581 &:= 1^4 + 4^2 + 16^2 + 17^2 + 19^1 = 14 + 42 + 162 + 172 + 191 \\ 581 &:= 1^4 + 5^2 + 7^2 + 22^1 + 22^2 = 14 + 52 + 72 + 221 + 222 \\ 581 &:= 1^4 + 5^2 + 8^3 + 16^1 + 27^1 = 14 + 52 + 83 + 161 + 271 \\ 581 &:= 1^4 + 5^2 + 8^3 + 17^1 + 26^1 = 14 + 52 + 83 + 171 + 261 \\ 581 &:= 1^4 + 5^2 + 8^3 + 18^1 + 25^1 = 14 + 52 + 83 + 181 + 251 \\ 581 &:= 1^4 + 5^2 + 8^3 + 19^1 + 24^1 = 14 + 52 + 83 + 191 + 241 \\ 581 &:= 1^4 + 5^2 + 8^3 + 20^1 + 23^1 = 14 + 52 + 83 + 201 + 231 \\ 581 &:= 1^4 + 5^2 + 8^3 + 21^1 + 22^1 = 14 + 52 + 83 + 211 + 221 \\ 581 &:= 1^4 + 6^3 + 7^3 + 20^1 + 23^0 = 14 + 63 + 73 + 201 + 230 \\ 581 &:= 1^4 + 7^2 + 15^2 + 17^1 + 17^2 = 14 + 72 + 152 + 171 + 172 \\ 581 &:= 1^4 + 9^2 + 11^2 + 17^1 + 19^2 = 14 + 92 + 112 + 171 + 192 \\ 581 &:= 1^4 + 9^2 + 9^2 + 18^1 + 20^2 = 14 + 92 + 92 + 181 + 202 \\ 581 &:= 1^5 + 10^1 + 13^1 + 14^2 + 19^2 = 15 + 101 + 131 + 142 + 192 \\ 581 &:= 1^5 + 11^1 + 12^1 + 14^2 + 19^2 = 15 + 111 + 121 + 142 + 192 \\ 581 &:= 1^5 + 11^2 + 13^2 + 15^0 + 17^2 = 15 + 112 + 132 + 150 + 172 \\ 581 &:= 1^5 + 2^1 + 14^2 + 19^2 + 21^1 = 15 + 21 + 142 + 192 + 211 \\ 581 &:= 1^5 + 3^1 + 14^2 + 19^2 + 20^1 = 15 + 31 + 142 + 192 + 201 \\ 581 &:= 1^5 + 3^3 + 7^0 + 23^1 + 23^2 = 15 + 33 + 70 + 231 + 232 \\ 581 &:= 1^5 + 4^1 + 14^2 + 19^1 + 19^2 = 15 + 41 + 142 + 191 + 192 \\ 581 &:= 1^5 + 5^1 + 14^2 + 18^1 + 19^2 = 15 + 51 + 142 + 181 + 192 \\ 581 &:= 1^5 + 5^2 + 5^2 + 23^0 + 23^2 = 15 + 52 + 52 + 230 + 232 \\ 581 &:= 1^5 + 5^3 + 13^1 + 17^0 + 21^2 = 15 + 53 + 131 + 170 + 212 \\ 581 &:= 1^5 + 6^1 + 14^2 + 17^1 + 19^2 = 15 + 61 + 142 + 171 + 192 \\ 581 &:= 1^5 + 7^1 + 14^2 + 16^1 + 19^2 = 15 + 71 + 142 + 161 + 192 \\ 581 &:= 1^5 + 7^2 + 13^2 + 17^0 + 19^2 = 15 + 72 + 132 + 170 + 192 \\ 581 &:= 1^5 + 7^2 + 8^3 + 18^1 + 23^0 = 15 + 72 + 83 + 181 + 230 \\ 581 &:= 1^5 + 7^3 + 11^1 + 15^2 + 23^0 = 15 + 73 + 111 + 152 + 230 \\ 581 &:= 1^5 + 8^1 + 14^2 + 15^1 + 19^2 = 15 + 81 + 142 + 151 + 192 \\ 581 &:= 1^5 + 9^1 + 14^1 + 14^2 + 19^2 = 15 + 91 + 141 + 142 + 192 \\ 581 &:= 1^6 + 10^1 + 13^0 + 13^2 + 20^2 = 16 + 101 + 130 + 132 + 202 \end{aligned}$$

$$\begin{aligned} 581 &:= 1^6 + 3^0 + 5^2 + 23^2 + 25^1 = 16 + 30 + 52 + 232 + 251 \\ 581 &:= 1^6 + 6^2 + 13^0 + 14^1 + 23^2 = 16 + 62 + 130 + 141 + 232 \\ 581 &:= 1^6 + 7^0 + 11^2 + 17^1 + 21^2 = 16 + 70 + 112 + 171 + 212 \\ 581 &:= 1^6 + 9^2 + 11^0 + 14^1 + 22^2 = 16 + 92 + 110 + 141 + 222 \\ 581 &:= 1^7 + 10^0 + 12^0 + 17^2 + 17^2 = 17 + 100 + 120 + 172 + 172 \\ 581 &:= 1^7 + 11^0 + 11^0 + 17^2 + 17^2 = 17 + 110 + 110 + 172 + 172 \\ 581 &:= 1^7 + 2^0 + 17^2 + 17^2 + 20^0 = 17 + 20 + 172 + 172 + 200 \\ 581 &:= 1^7 + 2^0 + 7^2 + 23^2 + 24^0 = 17 + 20 + 72 + 232 + 240 \\ 581 &:= 1^7 + 3^0 + 17^2 + 17^2 + 19^0 = 17 + 30 + 172 + 172 + 190 \\ 581 &:= 1^7 + 3^0 + 7^2 + 23^0 + 23^2 = 17 + 30 + 72 + 230 + 232 \\ 581 &:= 1^7 + 4^0 + 17^2 + 17^2 + 18^0 = 17 + 40 + 172 + 172 + 180 \\ 581 &:= 1^7 + 4^0 + 7^2 + 22^0 + 23^2 = 17 + 40 + 72 + 220 + 232 \\ 581 &:= 1^7 + 5^0 + 17^0 + 17^2 + 17^2 = 17 + 50 + 170 + 172 + 172 \\ 581 &:= 1^7 + 5^0 + 7^2 + 21^0 + 23^2 = 17 + 50 + 72 + 210 + 232 \\ 581 &:= 1^7 + 6^0 + 16^0 + 17^2 + 17^2 = 17 + 60 + 160 + 172 + 172 \\ 581 &:= 1^7 + 6^0 + 7^2 + 20^0 + 23^2 = 17 + 60 + 72 + 200 + 232 \\ 581 &:= 1^7 + 7^0 + 15^0 + 17^2 + 17^2 = 17 + 70 + 150 + 172 + 172 \\ 581 &:= 1^7 + 7^0 + 7^2 + 19^0 + 23^2 = 17 + 70 + 72 + 190 + 232 \\ 581 &:= 1^7 + 7^2 + 10^0 + 16^0 + 23^2 = 17 + 72 + 100 + 160 + 232 \\ 581 &:= 1^7 + 7^2 + 11^0 + 15^0 + 23^2 = 17 + 72 + 110 + 150 + 232 \\ 581 &:= 1^7 + 7^2 + 12^0 + 14^0 + 23^2 = 17 + 72 + 120 + 140 + 232 \\ 581 &:= 1^7 + 7^2 + 13^0 + 13^0 + 23^2 = 17 + 72 + 130 + 130 + 232 \\ 581 &:= 1^7 + 7^2 + 8^0 + 18^0 + 23^2 = 17 + 72 + 80 + 180 + 232 \\ 581 &:= 1^7 + 7^2 + 9^0 + 17^0 + 23^2 = 17 + 72 + 90 + 170 + 232 \\ 581 &:= 1^7 + 8^0 + 14^0 + 17^2 + 17^2 = 17 + 80 + 140 + 172 + 172 \\ 581 &:= 1^7 + 9^0 + 13^0 + 17^2 + 17^2 = 17 + 90 + 130 + 172 + 172 \\ 581 &:= 1^8 + 1^9 + 17^2 + 17^2 + 20^0 = 18 + 19 + 172 + 172 + 200 \\ 581 &:= 1^8 + 1^9 + 7^2 + 23^2 + 24^0 = 18 + 19 + 72 + 232 + 240 \\ 581 &:= 1^8 + 2^1 + 10^0 + 20^0 + 24^2 = 18 + 21 + 100 + 200 + 242 \\ 581 &:= 1^8 + 2^1 + 11^0 + 19^0 + 24^2 = 18 + 21 + 110 + 190 + 242 \\ 581 &:= 1^8 + 2^1 + 12^0 + 18^0 + 24^2 = 18 + 21 + 120 + 180 + 242 \\ 581 &:= 1^8 + 2^1 + 13^0 + 17^0 + 24^2 = 18 + 21 + 130 + 170 + 242 \\ 581 &:= 1^8 + 2^1 + 14^0 + 16^0 + 24^2 = 18 + 21 + 140 + 160 + 242 \\ 581 &:= 1^8 + 2^1 + 15^0 + 15^0 + 24^2 = 18 + 21 + 150 + 150 + 242 \\ 581 &:= 1^8 + 2^1 + 3^0 + 24^2 + 27^0 = 18 + 21 + 30 + 242 + 270 \\ 581 &:= 1^8 + 2^1 + 4^0 + 24^2 + 26^0 = 18 + 21 + 40 + 242 + 260 \\ 581 &:= 1^8 + 2^1 + 5^0 + 24^2 + 25^0 = 18 + 21 + 50 + 242 + 250 \\ 581 &:= 1^8 + 2^1 + 6^0 + 24^0 + 24^2 = 18 + 21 + 60 + 240 + 242 \end{aligned}$$

$$\begin{aligned} 581 &:= 1^8 + 2^1 + 7^0 + 23^0 + 24^2 = 18 + 21 + 70 + 230 + 242 & 581 &:= 2^4 + 5^2 + 11^2 + 19^1 + 20^2 = 24 + 52 + 112 + 191 + 202 \\ 581 &:= 1^8 + 2^1 + 8^0 + 22^0 + 24^2 = 18 + 21 + 80 + 220 + 242 & 581 &:= 2^4 + 6^2 + 16^2 + 16^2 + 17^1 = 24 + 62 + 162 + 162 + 171 \\ 581 &:= 1^8 + 2^1 + 9^0 + 21^0 + 24^2 = 18 + 21 + 90 + 210 + 242 & 581 &:= 2^4 + 7^3 + 10^2 + 11^2 + 27^0 = 24 + 73 + 102 + 112 + 270 \\ 581 &:= 2^1 + 2^6 + 10^1 + 21^1 + 22^2 = 21 + 26 + 101 + 211 + 222 & 581 &:= 2^4 + 8^2 + 14^2 + 16^1 + 17^2 = 24 + 82 + 142 + 161 + 172 \\ 581 &:= 2^1 + 2^6 + 11^1 + 20^1 + 22^2 = 21 + 26 + 111 + 201 + 222 & 581 &:= 2^4 + 9^2 + 12^2 + 16^1 + 18^2 = 24 + 92 + 122 + 161 + 182 \\ 581 &:= 2^1 + 2^6 + 12^1 + 19^1 + 22^2 = 21 + 26 + 121 + 191 + 222 & 581 &:= 2^5 + 3^2 + 8^3 + 17^0 + 27^1 = 25 + 32 + 83 + 170 + 271 \\ 581 &:= 2^1 + 2^6 + 13^1 + 18^1 + 22^2 = 21 + 26 + 131 + 181 + 222 & 581 &:= 2^5 + 4^2 + 8^3 + 20^1 + 23^0 = 25 + 42 + 83 + 201 + 230 \\ 581 &:= 2^1 + 2^6 + 14^1 + 17^1 + 22^2 = 21 + 26 + 141 + 171 + 222 & 581 &:= 2^5 + 5^3 + 7^0 + 20^2 + 23^1 = 25 + 53 + 70 + 202 + 231 \\ 581 &:= 2^1 + 2^6 + 15^1 + 16^1 + 22^2 = 21 + 26 + 151 + 161 + 222 & 581 &:= 2^5 + 6^2 + 16^2 + 16^2 + 17^0 = 25 + 62 + 162 + 162 + 170 \\ 581 &:= 2^1 + 2^6 + 15^2 + 17^2 + 21^0 = 21 + 26 + 152 + 172 + 210 & 581 &:= 2^5 + 6^3 + 8^1 + 18^2 + 23^0 = 25 + 63 + 81 + 182 + 230 \\ 581 &:= 2^1 + 2^6 + 4^1 + 22^2 + 27^1 = 21 + 26 + 41 + 222 + 271 & 581 &:= 2^5 + 7^3 + 9^1 + 14^2 + 25^0 = 25 + 73 + 91 + 142 + 250 \\ 581 &:= 2^1 + 2^6 + 5^1 + 22^2 + 26^1 = 21 + 26 + 51 + 222 + 261 & 581 &:= 2^6 + 10^1 + 10^1 + 13^1 + 22^2 = 26 + 101 + 101 + 131 + 222 \\ 581 &:= 2^1 + 2^6 + 6^1 + 22^2 + 25^1 = 21 + 26 + 61 + 222 + 251 & 581 &:= 2^6 + 10^1 + 11^1 + 12^1 + 22^2 = 26 + 101 + 111 + 121 + 222 \\ 581 &:= 2^1 + 2^6 + 7^1 + 22^2 + 24^1 = 21 + 26 + 71 + 222 + 241 & 581 &:= 2^6 + 11^1 + 11^1 + 11^1 + 22^2 = 26 + 111 + 111 + 111 + 222 \\ 581 &:= 2^1 + 2^6 + 8^1 + 22^2 + 23^1 = 21 + 26 + 81 + 222 + 231 & 581 &:= 2^6 + 11^1 + 12^2 + 13^0 + 19^2 = 26 + 111 + 122 + 130 + 192 \\ 581 &:= 2^1 + 2^6 + 9^1 + 22^1 + 22^2 = 21 + 26 + 91 + 221 + 222 & 581 &:= 2^6 + 3^1 + 10^1 + 20^1 + 22^2 = 26 + 31 + 101 + 201 + 222 \\ 581 &:= 2^1 + 2^7 + 9^1 + 21^2 + 23^0 = 21 + 27 + 91 + 212 + 230 & 581 &:= 2^6 + 3^1 + 11^1 + 19^1 + 22^2 = 26 + 31 + 111 + 191 + 222 \\ 581 &:= 2^2 + 2^5 + 12^2 + 20^2 + 21^0 = 22 + 25 + 122 + 202 + 210 & 581 &:= 2^6 + 3^1 + 12^1 + 18^1 + 22^2 = 26 + 31 + 121 + 181 + 222 \\ 581 &:= 2^2 + 4^3 + 5^3 + 19^2 + 27^1 = 22 + 43 + 53 + 192 + 271 & 581 &:= 2^6 + 3^1 + 13^1 + 17^1 + 22^2 = 26 + 31 + 131 + 171 + 222 \\ 581 &:= 2^3 + 2^3 + 12^2 + 20^2 + 21^1 = 23 + 23 + 122 + 202 + 211 & 581 &:= 2^6 + 3^1 + 14^1 + 16^1 + 22^2 = 26 + 31 + 141 + 161 + 222 \\ 581 &:= 2^3 + 2^3 + 16^2 + 17^2 + 20^1 = 23 + 23 + 162 + 172 + 201 & 581 &:= 2^6 + 3^1 + 15^1 + 15^1 + 22^2 = 26 + 31 + 151 + 151 + 222 \\ 581 &:= 2^3 + 2^3 + 3^2 + 23^2 + 27^1 = 23 + 23 + 32 + 232 + 271 & 581 &:= 2^6 + 3^1 + 3^1 + 22^2 + 27^1 = 26 + 31 + 31 + 222 + 271 \\ 581 &:= 2^3 + 2^5 + 11^1 + 19^0 + 23^2 = 23 + 25 + 111 + 190 + 232 & 581 &:= 2^6 + 3^1 + 4^1 + 22^2 + 26^1 = 26 + 31 + 41 + 222 + 261 \\ 581 &:= 2^3 + 5^3 + 8^2 + 19^2 + 23^1 = 23 + 53 + 82 + 192 + 231 & 581 &:= 2^6 + 3^1 + 5^1 + 22^2 + 25^1 = 26 + 31 + 51 + 222 + 251 \\ 581 &:= 2^4 + 10^2 + 15^1 + 15^2 + 15^2 = 24 + 102 + 151 + 152 + 152 & 581 &:= 2^6 + 3^1 + 6^1 + 22^2 + 24^1 = 26 + 31 + 61 + 222 + 241 \\ 581 &:= 2^4 + 2^4 + 11^0 + 19^1 + 23^2 = 24 + 24 + 110 + 191 + 232 & 581 &:= 2^6 + 3^1 + 7^1 + 22^2 + 23^1 = 26 + 31 + 71 + 222 + 231 \\ 581 &:= 2^4 + 3^2 + 7^2 + 22^2 + 23^1 = 24 + 32 + 72 + 222 + 231 & 581 &:= 2^6 + 3^1 + 8^1 + 22^1 + 22^2 = 26 + 31 + 81 + 221 + 222 \\ 581 &:= 2^4 + 3^2 + 8^3 + 17^1 + 27^1 = 24 + 32 + 83 + 171 + 271 & 581 &:= 2^6 + 3^1 + 9^1 + 21^1 + 22^2 = 26 + 31 + 91 + 211 + 222 \\ 581 &:= 2^4 + 3^2 + 8^3 + 18^1 + 26^1 = 24 + 32 + 83 + 181 + 261 & 581 &:= 2^6 + 3^2 + 7^0 + 22^2 + 23^1 = 26 + 32 + 70 + 222 + 231 \\ 581 &:= 2^4 + 3^2 + 8^3 + 19^1 + 25^1 = 24 + 32 + 83 + 191 + 251 & 581 &:= 2^6 + 4^1 + 10^1 + 19^1 + 22^2 = 26 + 41 + 101 + 191 + 222 \\ 581 &:= 2^4 + 3^2 + 8^3 + 20^1 + 24^1 = 24 + 32 + 83 + 201 + 241 & 581 &:= 2^6 + 4^1 + 11^1 + 18^1 + 22^2 = 26 + 41 + 111 + 181 + 222 \\ 581 &:= 2^4 + 3^2 + 8^3 + 21^1 + 23^1 = 24 + 32 + 83 + 211 + 231 & 581 &:= 2^6 + 4^1 + 12^1 + 17^1 + 22^2 = 26 + 41 + 121 + 171 + 222 \\ 581 &:= 2^4 + 3^2 + 8^3 + 22^1 + 22^1 = 24 + 32 + 83 + 221 + 221 & 581 &:= 2^6 + 4^1 + 13^1 + 16^1 + 22^2 = 26 + 41 + 131 + 161 + 222 \\ 581 &:= 2^4 + 3^3 + 8^3 + 19^0 + 25^1 = 24 + 33 + 83 + 190 + 251 & 581 &:= 2^6 + 4^1 + 14^1 + 15^1 + 22^2 = 26 + 41 + 141 + 151 + 222 \\ 581 &:= 2^4 + 4^2 + 13^2 + 19^1 + 19^2 = 24 + 42 + 132 + 191 + 192 & 581 &:= 2^6 + 4^1 + 16^2 + 16^2 + 19^0 = 26 + 41 + 162 + 162 + 190 \\ 581 &:= 2^4 + 4^2 + 4^3 + 22^2 + 25^0 = 24 + 42 + 43 + 222 + 250 & 581 &:= 2^6 + 4^1 + 4^1 + 22^2 + 25^1 = 26 + 41 + 41 + 222 + 251 \\ 581 &:= 2^4 + 4^3 + 10^2 + 20^2 + 21^0 = 24 + 43 + 102 + 202 + 210 & 581 &:= 2^6 + 4^1 + 5^1 + 22^2 + 24^1 = 26 + 41 + 51 + 222 + 241 \\ 581 &:= 2^4 + 4^4 + 15^0 + 17^2 + 19^1 = 24 + 44 + 150 + 172 + 191 & 581 &:= 2^6 + 4^1 + 6^1 + 22^2 + 23^1 = 26 + 41 + 61 + 222 + 231 \end{aligned}$$

$$\begin{aligned} 581 &:= 2^6 + 4^1 + 7^1 + 22^1 + 22^2 = 26 + 41 + 71 + 221 + 222 & 581 &:= 2^6 + 9^1 + 11^1 + 13^1 + 22^2 = 26 + 91 + 111 + 131 + 222 \\ 581 &:= 2^6 + 4^1 + 8^1 + 21^1 + 22^2 = 26 + 41 + 81 + 211 + 222 & 581 &:= 2^6 + 9^1 + 12^1 + 12^1 + 22^2 = 26 + 91 + 121 + 121 + 222 \\ 581 &:= 2^6 + 4^1 + 9^1 + 20^1 + 22^2 = 26 + 41 + 91 + 201 + 222 & 581 &:= 2^6 + 9^1 + 9^1 + 15^1 + 22^2 = 26 + 91 + 91 + 151 + 222 \\ 581 &:= 2^6 + 4^2 + 13^0 + 16^1 + 22^2 = 26 + 42 + 130 + 161 + 222 & 581 &:= 2^7 + 3^1 + 8^1 + 21^2 + 23^0 = 27 + 31 + 81 + 212 + 230 \\ 581 &:= 2^6 + 5^1 + 10^1 + 18^1 + 22^2 = 26 + 51 + 101 + 181 + 222 & 581 &:= 2^7 + 4^1 + 7^1 + 21^2 + 23^0 = 27 + 41 + 71 + 212 + 230 \\ 581 &:= 2^6 + 5^1 + 11^1 + 17^1 + 22^2 = 26 + 51 + 111 + 171 + 222 & 581 &:= 2^7 + 5^1 + 6^1 + 21^2 + 23^0 = 27 + 51 + 61 + 212 + 230 \\ 581 &:= 2^6 + 5^1 + 12^1 + 16^1 + 22^2 = 26 + 51 + 121 + 161 + 222 & 581 &:= 3^2 + 3^4 + 5^2 + 21^2 + 25^1 = 32 + 34 + 52 + 212 + 251 \\ 581 &:= 2^6 + 5^1 + 13^1 + 15^1 + 22^2 = 26 + 51 + 131 + 151 + 222 & 581 &:= 3^2 + 4^4 + 11^2 + 13^2 + 26^1 = 32 + 44 + 112 + 132 + 261 \\ 581 &:= 2^6 + 5^1 + 14^1 + 14^1 + 22^2 = 26 + 51 + 141 + 141 + 222 & 581 &:= 3^2 + 4^4 + 8^2 + 15^2 + 27^1 = 32 + 44 + 82 + 152 + 271 \\ 581 &:= 2^6 + 5^1 + 5^1 + 22^2 + 23^1 = 26 + 51 + 51 + 222 + 231 & 581 &:= 3^3 + 3^3 + 8^2 + 21^2 + 22^1 = 33 + 33 + 82 + 212 + 221 \\ 581 &:= 2^6 + 5^1 + 6^1 + 22^1 + 22^2 = 26 + 51 + 61 + 221 + 222 & 581 &:= 3^3 + 3^5 + 13^0 + 17^2 + 21^1 = 33 + 35 + 130 + 172 + 211 \\ 581 &:= 2^6 + 5^1 + 7^1 + 21^1 + 22^2 = 26 + 51 + 71 + 211 + 222 & 581 &:= 3^3 + 4^3 + 5^2 + 21^2 + 24^1 = 33 + 43 + 52 + 212 + 241 \\ 581 &:= 2^6 + 5^1 + 8^1 + 20^1 + 22^2 = 26 + 51 + 81 + 201 + 222 & 581 &:= 3^4 + 12^2 + 12^2 + 14^2 + 16^1 = 34 + 122 + 122 + 142 + 161 \\ 581 &:= 2^6 + 5^1 + 9^1 + 19^1 + 22^2 = 26 + 51 + 91 + 191 + 222 & 581 &:= 3^4 + 3^4 + 13^0 + 18^1 + 20^2 = 34 + 34 + 130 + 181 + 202 \\ 581 &:= 2^6 + 5^2 + 7^1 + 21^0 + 22^2 = 26 + 52 + 71 + 210 + 222 & 581 &:= 3^4 + 4^4 + 15^2 + 17^0 + 18^1 = 34 + 44 + 152 + 170 + 181 \\ 581 &:= 2^6 + 6^1 + 10^1 + 17^1 + 22^2 = 26 + 61 + 101 + 171 + 222 & 581 &:= 3^4 + 6^2 + 11^2 + 18^2 + 19^1 = 34 + 62 + 112 + 182 + 191 \\ 581 &:= 2^6 + 6^1 + 11^1 + 16^1 + 22^2 = 26 + 61 + 111 + 161 + 222 & 581 &:= 3^4 + 7^2 + 12^2 + 17^2 + 18^1 = 34 + 72 + 122 + 172 + 181 \\ 581 &:= 2^6 + 6^1 + 12^1 + 15^1 + 22^2 = 26 + 61 + 121 + 151 + 222 & 581 &:= 3^4 + 7^3 + 10^1 + 11^2 + 26^1 = 34 + 73 + 101 + 112 + 261 \\ 581 &:= 2^6 + 6^1 + 13^1 + 14^1 + 22^2 = 26 + 61 + 131 + 141 + 222 & 581 &:= 3^4 + 7^3 + 11^1 + 11^2 + 25^1 = 34 + 73 + 111 + 112 + 251 \\ 581 &:= 2^6 + 6^1 + 6^1 + 21^1 + 22^2 = 26 + 61 + 61 + 211 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 12^1 + 24^1 = 34 + 73 + 112 + 121 + 241 \\ 581 &:= 2^6 + 6^1 + 7^1 + 20^1 + 22^2 = 26 + 61 + 71 + 201 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 13^1 + 23^1 = 34 + 73 + 112 + 131 + 231 \\ 581 &:= 2^6 + 6^1 + 8^1 + 19^1 + 22^2 = 26 + 61 + 81 + 191 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 14^1 + 22^1 = 34 + 73 + 112 + 141 + 221 \\ 581 &:= 2^6 + 6^1 + 9^1 + 18^1 + 22^2 = 26 + 61 + 91 + 181 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 15^1 + 21^1 = 34 + 73 + 112 + 151 + 211 \\ 581 &:= 2^6 + 7^1 + 10^1 + 16^1 + 22^2 = 26 + 71 + 101 + 161 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 16^1 + 20^1 = 34 + 73 + 112 + 161 + 201 \\ 581 &:= 2^6 + 7^1 + 11^1 + 15^1 + 22^2 = 26 + 71 + 111 + 151 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 17^1 + 19^1 = 34 + 73 + 112 + 171 + 191 \\ 581 &:= 2^6 + 7^1 + 12^1 + 14^1 + 22^2 = 26 + 71 + 121 + 141 + 222 & 581 &:= 3^4 + 7^3 + 11^2 + 18^1 + 18^1 = 34 + 73 + 112 + 181 + 181 \\ 581 &:= 2^6 + 7^1 + 13^1 + 13^1 + 22^2 = 26 + 71 + 131 + 131 + 222 & 581 &:= 3^4 + 7^3 + 9^1 + 11^2 + 27^1 = 34 + 73 + 91 + 112 + 271 \\ 581 &:= 2^6 + 7^1 + 7^1 + 19^1 + 22^2 = 26 + 71 + 71 + 191 + 222 & 581 &:= 3^5 + 4^2 + 10^1 + 17^2 + 23^1 = 35 + 42 + 101 + 172 + 231 \\ 581 &:= 2^6 + 7^1 + 8^1 + 18^1 + 22^2 = 26 + 71 + 81 + 181 + 222 & 581 &:= 3^5 + 4^2 + 11^1 + 17^2 + 22^1 = 35 + 42 + 111 + 172 + 221 \\ 581 &:= 2^6 + 7^1 + 9^1 + 17^1 + 22^2 = 26 + 71 + 91 + 171 + 222 & 581 &:= 3^5 + 4^2 + 12^1 + 17^2 + 21^1 = 35 + 42 + 121 + 172 + 211 \\ 581 &:= 2^6 + 8^1 + 10^1 + 15^1 + 22^2 = 26 + 81 + 101 + 151 + 222 & 581 &:= 3^5 + 4^2 + 13^1 + 17^2 + 20^1 = 35 + 42 + 131 + 172 + 201 \\ 581 &:= 2^6 + 8^1 + 11^1 + 14^1 + 22^2 = 26 + 81 + 111 + 141 + 222 & 581 &:= 3^5 + 4^2 + 14^1 + 17^2 + 19^1 = 35 + 42 + 141 + 172 + 191 \\ 581 &:= 2^6 + 8^1 + 12^1 + 13^1 + 22^2 = 26 + 81 + 121 + 131 + 222 & 581 &:= 3^5 + 4^2 + 15^1 + 17^2 + 18^1 = 35 + 42 + 151 + 172 + 181 \\ 581 &:= 2^6 + 8^1 + 8^1 + 17^1 + 22^2 = 26 + 81 + 81 + 171 + 222 & 581 &:= 3^5 + 4^2 + 16^1 + 17^1 + 17^2 = 35 + 42 + 161 + 171 + 172 \\ 581 &:= 2^6 + 8^1 + 9^1 + 16^1 + 22^2 = 26 + 81 + 91 + 161 + 222 & 581 &:= 3^5 + 4^2 + 6^1 + 17^2 + 27^1 = 35 + 42 + 61 + 172 + 271 \\ 581 &:= 2^6 + 8^2 + 11^1 + 15^0 + 21^2 = 26 + 82 + 111 + 150 + 212 & 581 &:= 3^5 + 4^2 + 7^1 + 17^2 + 26^1 = 35 + 42 + 71 + 172 + 261 \\ 581 &:= 2^6 + 9^0 + 10^2 + 16^1 + 20^2 = 26 + 90 + 102 + 161 + 202 & 581 &:= 3^5 + 4^2 + 8^1 + 17^2 + 25^1 = 35 + 42 + 81 + 172 + 251 \\ 581 &:= 2^6 + 9^1 + 10^1 + 14^1 + 22^2 = 26 + 91 + 101 + 141 + 222 & 581 &:= 3^5 + 4^2 + 9^1 + 17^2 + 24^1 = 35 + 42 + 91 + 172 + 241 \end{aligned}$$

$$\begin{aligned}
 581 &:= 3^5 + 4^3 + 16^2 + 17^0 + 17^1 = 35 + 43 + 162 + 170 + 171 \\
 581 &:= 3^5 + 5^3 + 14^2 + 16^1 + 19^0 = 35 + 53 + 142 + 161 + 190 \\
 581 &:= 3^5 + 6^3 + 10^2 + 17^0 + 21^1 = 35 + 63 + 102 + 170 + 211 \\
 581 &:= 3^5 + 7^2 + 12^2 + 12^2 + 23^0 = 35 + 72 + 122 + 122 + 230 \\
 581 &:= 4^2 + 5^3 + 5^3 + 17^2 + 26^1 = 42 + 53 + 53 + 172 + 261 \\
 581 &:= 4^3 + 4^3 + 12^2 + 17^2 + 20^1 = 43 + 43 + 122 + 172 + 201 \\
 581 &:= 4^3 + 4^4 + 8^2 + 14^2 + 27^0 = 43 + 44 + 82 + 142 + 270
 \end{aligned}$$

$$\begin{aligned}
 581 &:= 4^3 + 5^3 + 9^2 + 17^2 + 22^1 = 43 + 53 + 92 + 172 + 221 \\
 581 &:= 4^3 + 6^3 + 9^2 + 14^2 + 24^1 = 43 + 63 + 92 + 142 + 241 \\
 581 &:= 4^4 + 4^4 + 7^2 + 19^1 + 23^0 = 44 + 44 + 72 + 191 + 230 \\
 581 &:= 4^4 + 5^2 + 7^2 + 15^2 + 26^1 = 44 + 52 + 72 + 152 + 261 \\
 581 &:= 4^4 + 6^2 + 11^2 + 12^2 + 24^1 = 44 + 62 + 112 + 122 + 241 \\
 581 &:= 4^4 + 9^2 + 10^2 + 11^2 + 23^1 = 44 + 92 + 102 + 112 + 231
 \end{aligned}$$

2.2.483 Number 582

$$\begin{aligned}
 582 &:= 1^2 + 2^8 + 18^2 + 36^0 = 12 + 28 + 182 + 360 \\
 582 &:= 1^6 + 4^4 + 18^2 + 34^0 = 16 + 44 + 182 + 340 \\
 582 &:= 1^8 + 16^2 + 18^2 + 22^0 = 18 + 162 + 182 + 220 \\
 582 &:= 1^8 + 2^2 + 24^2 + 30^0 = 18 + 22 + 242 + 300 \\
 582 &:= 1^9 + 4^1 + 24^2 + 28^0 = 19 + 41 + 242 + 280 \\
 582 &:= 2^8 + 10^2 + 15^2 + 30^0 = 28 + 102 + 152 + 300 \\
 582 &:= 2^8 + 6^2 + 17^2 + 32^0 = 28 + 62 + 172 + 320 \\
 582 &:= 2^9 + 5^1 + 8^2 + 42^0 = 29 + 51 + 82 + 420 \\
 582 &:= 2^9 + 5^2 + 6^0 + 44^1 = 29 + 52 + 60 + 441 \\
 582 &:= 2^9 + 6^2 + 16^0 + 33^1 = 29 + 62 + 160 + 331 \\
 582 &:= 2^9 + 7^2 + 20^1 + 28^0 = 29 + 72 + 201 + 280 \\
 582 &:= 1^1 + 2^7 + 14^2 + 16^2 + 24^0 = 11 + 27 + 142 + 162 + 240 \\
 582 &:= 1^2 + 2^7 + 11^1 + 21^2 + 22^0 = 12 + 27 + 111 + 212 + 220 \\
 582 &:= 1^3 + 2^5 + 8^2 + 22^2 + 24^0 = 13 + 25 + 82 + 222 + 240 \\
 582 &:= 1^4 + 2^5 + 12^0 + 19^1 + 23^2 = 14 + 25 + 120 + 191 + 232 \\
 582 &:= 1^4 + 3^5 + 13^1 + 18^2 + 22^0 = 14 + 35 + 131 + 182 + 220 \\
 582 &:= 1^5 + 3^4 + 15^1 + 16^0 + 22^2 = 15 + 34 + 151 + 160 + 222 \\
 582 &:= 1^5 + 6^3 + 7^3 + 21^1 + 22^0 = 15 + 63 + 73 + 211 + 220 \\
 582 &:= 1^6 + 3^3 + 6^0 + 23^2 + 24^1 = 16 + 33 + 60 + 232 + 241 \\
 582 &:= 1^6 + 5^3 + 14^1 + 16^0 + 21^2 = 16 + 53 + 141 + 160 + 212 \\
 582 &:= 1^6 + 6^2 + 12^2 + 18^0 + 20^2 = 16 + 62 + 122 + 180 + 202 \\
 582 &:= 1^6 + 7^2 + 8^3 + 19^1 + 22^0 = 16 + 72 + 83 + 191 + 220 \\
 582 &:= 1^6 + 7^3 + 12^1 + 15^2 + 22^0 = 16 + 73 + 121 + 152 + 220 \\
 582 &:= 1^7 + 11^1 + 12^0 + 13^2 + 20^2 = 17 + 111 + 120 + 132 + 202 \\
 582 &:= 1^7 + 2^0 + 5^2 + 23^2 + 26^1 = 17 + 20 + 52 + 232 + 261 \\
 582 &:= 1^7 + 2^1 + 17^2 + 17^2 + 20^0 = 17 + 21 + 172 + 172 + 200 \\
 582 &:= 1^7 + 2^1 + 7^2 + 23^2 + 24^0 = 17 + 21 + 72 + 232 + 240 \\
 582 &:= 1^7 + 6^0 + 11^2 + 18^1 + 21^2 = 17 + 60 + 112 + 181 + 212
 \end{aligned}$$

$$\begin{aligned}
 582 &:= 1^7 + 6^2 + 12^0 + 15^1 + 23^2 = 17 + 62 + 120 + 151 + 232 \\
 582 &:= 1^7 + 9^2 + 10^0 + 15^1 + 22^2 = 17 + 92 + 100 + 151 + 222 \\
 582 &:= 1^8 + 1^9 + 5^2 + 23^2 + 26^1 = 18 + 19 + 52 + 232 + 261 \\
 582 &:= 1^9 + 2^0 + 3^1 + 24^2 + 27^0 = 19 + 20 + 31 + 242 + 270 \\
 582 &:= 1^9 + 3^0 + 3^1 + 24^2 + 26^0 = 19 + 30 + 31 + 242 + 260 \\
 582 &:= 1^9 + 3^1 + 10^0 + 19^0 + 24^2 = 19 + 31 + 100 + 190 + 242 \\
 582 &:= 1^9 + 3^1 + 11^0 + 18^0 + 24^2 = 19 + 31 + 110 + 180 + 242 \\
 582 &:= 1^9 + 3^1 + 12^0 + 17^0 + 24^2 = 19 + 31 + 120 + 170 + 242 \\
 582 &:= 1^9 + 3^1 + 13^0 + 16^0 + 24^2 = 19 + 31 + 130 + 160 + 242 \\
 582 &:= 1^9 + 3^1 + 14^0 + 15^0 + 24^2 = 19 + 31 + 140 + 150 + 242 \\
 582 &:= 1^9 + 3^1 + 4^0 + 24^2 + 25^0 = 19 + 31 + 40 + 242 + 250 \\
 582 &:= 1^9 + 3^1 + 5^0 + 24^0 + 24^2 = 19 + 31 + 50 + 240 + 242 \\
 582 &:= 1^9 + 3^1 + 6^0 + 23^0 + 24^2 = 19 + 31 + 60 + 230 + 242 \\
 582 &:= 1^9 + 3^1 + 7^0 + 22^0 + 24^2 = 19 + 31 + 70 + 220 + 242 \\
 582 &:= 1^9 + 3^1 + 8^0 + 21^0 + 24^2 = 19 + 31 + 80 + 210 + 242 \\
 582 &:= 1^9 + 3^1 + 9^0 + 20^0 + 24^2 = 19 + 31 + 90 + 200 + 242 \\
 582 &:= 2^0 + 2^8 + 10^1 + 17^2 + 26^1 = 20 + 28 + 101 + 172 + 261 \\
 582 &:= 2^0 + 2^8 + 11^1 + 17^2 + 25^1 = 20 + 28 + 111 + 172 + 251 \\
 582 &:= 2^0 + 2^8 + 12^1 + 17^2 + 24^1 = 20 + 28 + 121 + 172 + 241 \\
 582 &:= 2^0 + 2^8 + 13^1 + 17^2 + 23^1 = 20 + 28 + 131 + 172 + 231 \\
 582 &:= 2^0 + 2^8 + 14^1 + 17^2 + 22^1 = 20 + 28 + 141 + 172 + 221 \\
 582 &:= 2^0 + 2^8 + 15^1 + 17^2 + 21^1 = 20 + 28 + 151 + 172 + 211 \\
 582 &:= 2^0 + 2^8 + 16^1 + 17^2 + 20^1 = 20 + 28 + 161 + 172 + 201 \\
 582 &:= 2^0 + 2^8 + 17^1 + 17^2 + 19^1 = 20 + 28 + 171 + 172 + 191 \\
 582 &:= 2^0 + 2^8 + 17^2 + 18^1 + 18^1 = 20 + 28 + 172 + 181 + 181 \\
 582 &:= 2^0 + 2^8 + 9^1 + 17^2 + 27^1 = 20 + 28 + 91 + 172 + 271 \\
 582 &:= 2^0 + 2^9 + 7^2 + 19^1 + 27^0 = 20 + 29 + 72 + 191 + 270 \\
 582 &:= 2^2 + 2^7 + 8^1 + 21^2 + 24^0 = 22 + 27 + 81 + 212 + 240
 \end{aligned}$$

$$\begin{aligned}
 582 &:= 2^3 + 2^5 + 10^2 + 21^2 + 22^0 = 23 + 25 + 102 + 212 + 220 \\
 582 &:= 2^3 + 2^6 + 6^0 + 22^2 + 25^1 = 23 + 26 + 60 + 222 + 251 \\
 582 &:= 2^4 + 2^4 + 15^2 + 18^2 + 20^0 = 24 + 24 + 152 + 182 + 200 \\
 582 &:= 2^4 + 2^5 + 4^1 + 23^2 + 26^0 = 24 + 25 + 41 + 232 + 260 \\
 582 &:= 2^5 + 3^3 + 9^2 + 21^2 + 22^0 = 25 + 33 + 92 + 212 + 220 \\
 582 &:= 2^5 + 3^4 + 4^0 + 21^2 + 27^1 = 25 + 34 + 40 + 212 + 271 \\
 582 &:= 2^5 + 4^3 + 14^2 + 17^2 + 20^0 = 25 + 43 + 142 + 172 + 200 \\
 582 &:= 2^5 + 5^3 + 10^2 + 18^2 + 22^0 = 25 + 53 + 102 + 182 + 220 \\
 582 &:= 2^6 + 3^3 + 6^1 + 22^2 + 24^0 = 26 + 33 + 61 + 222 + 240 \\
 582 &:= 2^6 + 4^3 + 12^1 + 18^0 + 21^2 = 26 + 43 + 121 + 180 + 212 \\
 582 &:= 2^6 + 6^2 + 15^2 + 16^2 + 18^0 = 26 + 62 + 152 + 162 + 180 \\
 582 &:= 2^6 + 6^2 + 9^2 + 20^0 + 20^2 = 26 + 62 + 92 + 200 + 202 \\
 582 &:= 2^6 + 6^3 + 12^1 + 17^2 + 20^0 = 26 + 63 + 121 + 172 + 200 \\
 582 &:= 2^6 + 7^2 + 12^2 + 18^0 + 18^2 = 26 + 72 + 122 + 180 + 182 \\
 582 &:= 2^7 + 3^1 + 15^2 + 15^2 + 22^0 = 27 + 31 + 152 + 152 + 220 \\
 582 &:= 2^7 + 4^1 + 7^2 + 20^2 + 24^0 = 27 + 41 + 72 + 202 + 240 \\
 582 &:= 2^7 + 6^0 + 12^2 + 17^2 + 20^1 = 27 + 60 + 122 + 172 + 201 \\
 582 &:= 2^7 + 6^2 + 12^0 + 17^1 + 20^2 = 27 + 62 + 120 + 171 + 202 \\
 582 &:= 2^7 + 8^1 + 11^2 + 18^0 + 18^2 = 27 + 81 + 112 + 180 + 182 \\
 582 &:= 2^7 + 9^2 + 11^1 + 16^0 + 19^2 = 27 + 92 + 111 + 160 + 192
 \end{aligned}$$

$$\begin{aligned}
 582 &:= 2^9 + 3^0 + 7^2 + 19^1 + 26^0 = 29 + 30 + 72 + 191 + 260 \\
 582 &:= 2^9 + 4^0 + 7^2 + 19^1 + 25^0 = 29 + 40 + 72 + 191 + 250 \\
 582 &:= 2^9 + 4^1 + 8^2 + 16^0 + 27^0 = 29 + 41 + 82 + 160 + 270 \\
 582 &:= 2^9 + 4^1 + 8^2 + 17^0 + 26^0 = 29 + 41 + 82 + 170 + 260 \\
 582 &:= 2^9 + 4^1 + 8^2 + 18^0 + 25^0 = 29 + 41 + 82 + 180 + 250 \\
 582 &:= 2^9 + 4^1 + 8^2 + 19^0 + 24^0 = 29 + 41 + 82 + 190 + 240 \\
 582 &:= 2^9 + 4^1 + 8^2 + 20^0 + 23^0 = 29 + 41 + 82 + 200 + 230 \\
 582 &:= 2^9 + 4^1 + 8^2 + 21^0 + 22^0 = 29 + 41 + 82 + 210 + 220 \\
 582 &:= 2^9 + 5^0 + 7^2 + 19^1 + 24^0 = 29 + 50 + 72 + 191 + 240 \\
 582 &:= 2^9 + 6^0 + 7^2 + 19^1 + 23^0 = 29 + 60 + 72 + 191 + 230 \\
 582 &:= 2^9 + 7^0 + 7^2 + 19^1 + 22^0 = 29 + 70 + 72 + 191 + 220 \\
 582 &:= 2^9 + 7^2 + 10^0 + 19^0 + 19^1 = 29 + 72 + 100 + 190 + 191 \\
 582 &:= 2^9 + 7^2 + 11^0 + 18^0 + 19^1 = 29 + 72 + 110 + 180 + 191 \\
 582 &:= 2^9 + 7^2 + 12^0 + 17^0 + 19^1 = 29 + 72 + 120 + 170 + 191 \\
 582 &:= 2^9 + 7^2 + 13^0 + 16^0 + 19^1 = 29 + 72 + 130 + 160 + 191 \\
 582 &:= 2^9 + 7^2 + 14^0 + 15^0 + 19^1 = 29 + 72 + 140 + 150 + 191 \\
 582 &:= 2^9 + 7^2 + 8^0 + 19^1 + 21^0 = 29 + 72 + 80 + 191 + 210 \\
 582 &:= 2^9 + 7^2 + 9^0 + 19^1 + 20^0 = 29 + 72 + 90 + 191 + 200 \\
 582 &:= 3^5 + 4^4 + 8^2 + 18^1 + 24^0 = 35 + 44 + 82 + 181 + 240
 \end{aligned}$$

2.2.484 Number 583

$$\begin{aligned}
 583 &:= 6^1 + 24^2 + 28^0 = 61 + 242 + 280 \\
 583 &:= 1^0 + 5^1 + 24^2 + 28^0 = 10 + 51 + 242 + 280 \\
 583 &:= 1^2 + 2^8 + 17^2 + 37^1 = 12 + 28 + 172 + 371 \\
 583 &:= 1^8 + 5^2 + 23^2 + 28^1 = 18 + 52 + 232 + 281 \\
 583 &:= 2^0 + 5^1 + 24^2 + 27^0 = 20 + 51 + 242 + 270 \\
 583 &:= 2^8 + 10^2 + 14^2 + 31^1 = 28 + 102 + 142 + 311 \\
 583 &:= 2^9 + 3^3 + 9^0 + 43^1 = 29 + 33 + 90 + 431 \\
 583 &:= 2^9 + 4^3 + 6^1 + 45^0 = 29 + 43 + 61 + 450 \\
 583 &:= 3^0 + 5^1 + 24^2 + 26^0 = 30 + 51 + 242 + 260 \\
 583 &:= 4^0 + 5^1 + 24^2 + 25^0 = 40 + 51 + 242 + 250 \\
 583 &:= 5^0 + 5^1 + 24^0 + 24^2 = 50 + 51 + 240 + 242 \\
 583 &:= 5^1 + 10^0 + 19^0 + 24^2 = 51 + 100 + 190 + 242 \\
 583 &:= 5^1 + 11^0 + 18^0 + 24^2 = 51 + 110 + 180 + 242 \\
 583 &:= 5^1 + 12^0 + 17^0 + 24^2 = 51 + 120 + 170 + 242 \\
 583 &:= 5^1 + 13^0 + 16^0 + 24^2 = 51 + 130 + 160 + 242
 \end{aligned}$$

$$\begin{aligned}
 583 &:= 5^1 + 14^0 + 15^0 + 24^2 = 51 + 140 + 150 + 242 \\
 583 &:= 5^1 + 6^0 + 23^0 + 24^2 = 51 + 60 + 230 + 242 \\
 583 &:= 5^1 + 7^0 + 22^0 + 24^2 = 51 + 70 + 220 + 242 \\
 583 &:= 5^1 + 8^0 + 21^0 + 24^2 = 51 + 80 + 210 + 242 \\
 583 &:= 5^1 + 9^0 + 20^0 + 24^2 = 51 + 90 + 200 + 242 \\
 583 &:= 1^0 + 1^8 + 5^2 + 23^2 + 27^1 = 10 + 18 + 52 + 232 + 271 \\
 583 &:= 1^0 + 1^9 + 16^2 + 18^2 + 21^0 = 10 + 19 + 162 + 182 + 210 \\
 583 &:= 1^0 + 2^0 + 4^1 + 24^2 + 27^0 = 10 + 20 + 41 + 242 + 270 \\
 583 &:= 1^0 + 3^0 + 4^1 + 24^2 + 26^0 = 10 + 30 + 41 + 242 + 260 \\
 583 &:= 1^0 + 4^0 + 4^1 + 24^2 + 25^0 = 10 + 40 + 41 + 242 + 250 \\
 583 &:= 1^0 + 4^1 + 10^0 + 19^0 + 24^2 = 10 + 41 + 100 + 190 + 242 \\
 583 &:= 1^0 + 4^1 + 11^0 + 18^0 + 24^2 = 10 + 41 + 110 + 180 + 242 \\
 583 &:= 1^0 + 4^1 + 12^0 + 17^0 + 24^2 = 10 + 41 + 120 + 170 + 242 \\
 583 &:= 1^0 + 4^1 + 13^0 + 16^0 + 24^2 = 10 + 41 + 130 + 160 + 242 \\
 583 &:= 1^0 + 4^1 + 14^0 + 15^0 + 24^2 = 10 + 41 + 140 + 150 + 242
 \end{aligned}$$

$$\begin{aligned} 583 &:= 1^0 + 4^1 + 5^0 + 24^0 + 24^2 = 10 + 41 + 50 + 240 + 242 & 583 &:= 1^4 + 2^4 + 12^2 + 20^2 + 22^1 = 14 + 24 + 122 + 202 + 221 \\ 583 &:= 1^0 + 4^1 + 6^0 + 23^0 + 24^2 = 10 + 41 + 60 + 230 + 242 & 583 &:= 1^4 + 2^4 + 16^2 + 17^2 + 21^1 = 14 + 24 + 162 + 172 + 211 \\ 583 &:= 1^0 + 4^1 + 7^0 + 22^0 + 24^2 = 10 + 41 + 70 + 220 + 242 & 583 &:= 1^4 + 2^5 + 15^2 + 18^2 + 21^0 = 14 + 25 + 152 + 182 + 210 \\ 583 &:= 1^0 + 4^1 + 8^0 + 21^0 + 24^2 = 10 + 41 + 80 + 210 + 242 & 583 &:= 1^4 + 3^5 + 13^2 + 13^2 + 27^0 = 14 + 35 + 132 + 132 + 270 \\ 583 &:= 1^0 + 4^1 + 9^0 + 20^0 + 24^2 = 10 + 41 + 90 + 200 + 242 & 583 &:= 1^5 + 1^5 + 4^1 + 24^2 + 27^0 = 15 + 15 + 41 + 242 + 270 \\ 583 &:= 1^1 + 1^7 + 5^2 + 23^2 + 27^1 = 11 + 17 + 52 + 232 + 271 & 583 &:= 1^5 + 2^4 + 6^2 + 23^2 + 25^0 = 15 + 24 + 62 + 232 + 250 \\ 583 &:= 1^1 + 1^8 + 16^2 + 18^2 + 21^0 = 11 + 18 + 162 + 182 + 210 & 583 &:= 1^5 + 2^4 + 9^2 + 22^2 + 23^0 = 15 + 24 + 92 + 222 + 230 \\ 583 &:= 1^1 + 1^9 + 4^1 + 24^2 + 27^0 = 11 + 19 + 41 + 242 + 270 & 583 &:= 1^5 + 2^5 + 11^0 + 20^1 + 23^2 = 15 + 25 + 110 + 201 + 232 \\ 583 &:= 1^1 + 2^8 + 10^1 + 17^2 + 27^1 = 11 + 28 + 101 + 172 + 271 & 583 &:= 1^5 + 3^4 + 10^2 + 20^2 + 23^0 = 15 + 34 + 102 + 202 + 230 \\ 583 &:= 1^1 + 2^8 + 11^1 + 17^2 + 26^1 = 11 + 28 + 111 + 172 + 261 & 583 &:= 1^5 + 3^4 + 4^2 + 22^2 + 27^0 = 15 + 34 + 42 + 222 + 270 \\ 583 &:= 1^1 + 2^8 + 12^1 + 17^2 + 25^1 = 11 + 28 + 121 + 172 + 251 & 583 &:= 1^5 + 3^5 + 14^1 + 18^2 + 21^0 = 15 + 35 + 141 + 182 + 210 \\ 583 &:= 1^1 + 2^8 + 13^1 + 17^2 + 24^1 = 11 + 28 + 131 + 172 + 241 & 583 &:= 1^5 + 4^4 + 10^2 + 15^2 + 27^0 = 15 + 44 + 102 + 152 + 270 \\ 583 &:= 1^1 + 2^8 + 14^1 + 17^2 + 23^1 = 11 + 28 + 141 + 172 + 231 & 583 &:= 1^6 + 11^2 + 11^2 + 16^1 + 18^2 = 16 + 112 + 112 + 161 + 182 \\ 583 &:= 1^1 + 2^8 + 15^1 + 17^2 + 22^1 = 11 + 28 + 151 + 172 + 221 & 583 &:= 1^6 + 2^2 + 14^2 + 19^2 + 21^1 = 16 + 22 + 142 + 192 + 211 \\ 583 &:= 1^1 + 2^8 + 16^1 + 17^2 + 21^1 = 11 + 28 + 161 + 172 + 211 & 583 &:= 1^6 + 3^3 + 5^2 + 23^2 + 25^0 = 16 + 33 + 52 + 232 + 250 \\ 583 &:= 1^1 + 2^8 + 17^1 + 17^2 + 20^1 = 11 + 28 + 171 + 172 + 201 & 583 &:= 1^6 + 3^4 + 15^0 + 16^1 + 22^2 = 16 + 34 + 150 + 161 + 222 \\ 583 &:= 1^1 + 2^8 + 17^2 + 18^1 + 19^1 = 11 + 28 + 172 + 181 + 191 & 583 &:= 1^6 + 6^3 + 13^2 + 14^2 + 23^0 = 16 + 63 + 132 + 142 + 230 \\ 583 &:= 1^1 + 2^9 + 7^2 + 20^1 + 27^0 = 11 + 29 + 72 + 201 + 270 & 583 &:= 1^6 + 6^3 + 7^3 + 21^0 + 22^1 = 16 + 63 + 73 + 210 + 221 \\ 583 &:= 1^2 + 1^6 + 5^2 + 23^2 + 27^1 = 12 + 16 + 52 + 232 + 271 & 583 &:= 1^6 + 8^2 + 10^2 + 18^1 + 20^2 = 16 + 82 + 102 + 181 + 202 \\ 583 &:= 1^2 + 1^7 + 16^2 + 18^2 + 21^0 = 12 + 17 + 162 + 182 + 210 & 583 &:= 1^6 + 9^2 + 14^2 + 16^1 + 17^2 = 16 + 92 + 142 + 161 + 172 \\ 583 &:= 1^2 + 1^8 + 4^1 + 24^2 + 27^0 = 12 + 18 + 41 + 242 + 270 & 583 &:= 1^7 + 10^2 + 15^0 + 15^2 + 16^2 = 17 + 102 + 150 + 152 + 162 \\ 583 &:= 1^3 + 1^5 + 5^2 + 23^2 + 27^1 = 13 + 15 + 52 + 232 + 271 & 583 &:= 1^7 + 2^1 + 5^2 + 23^2 + 26^1 = 17 + 21 + 52 + 232 + 261 \\ 583 &:= 1^3 + 1^6 + 16^2 + 18^2 + 21^0 = 13 + 16 + 162 + 182 + 210 & 583 &:= 1^7 + 3^1 + 5^2 + 23^2 + 25^1 = 17 + 31 + 52 + 232 + 251 \\ 583 &:= 1^3 + 1^7 + 4^1 + 24^2 + 27^0 = 13 + 17 + 41 + 242 + 270 & 583 &:= 1^7 + 3^3 + 5^0 + 23^2 + 25^1 = 17 + 33 + 50 + 232 + 251 \\ 583 &:= 1^3 + 2^7 + 12^1 + 21^0 + 21^2 = 13 + 27 + 121 + 210 + 212 & 583 &:= 1^7 + 4^1 + 5^2 + 23^2 + 24^1 = 17 + 41 + 52 + 232 + 241 \\ 583 &:= 1^3 + 2^8 + 10^0 + 18^2 + 26^0 = 13 + 28 + 100 + 182 + 260 & 583 &:= 1^7 + 4^1 + 6^3 + 19^2 + 27^0 = 17 + 41 + 63 + 192 + 270 \\ 583 &:= 1^3 + 2^8 + 11^0 + 18^2 + 25^0 = 13 + 28 + 110 + 182 + 250 & 583 &:= 1^7 + 4^2 + 6^2 + 23^0 + 23^2 = 17 + 42 + 62 + 230 + 232 \\ 583 &:= 1^3 + 2^8 + 12^0 + 18^2 + 24^0 = 13 + 28 + 120 + 182 + 240 & 583 &:= 1^7 + 4^2 + 9^2 + 21^0 + 22^2 = 17 + 42 + 92 + 210 + 222 \\ 583 &:= 1^3 + 2^8 + 13^0 + 18^2 + 23^0 = 13 + 28 + 130 + 182 + 230 & 583 &:= 1^7 + 4^4 + 10^0 + 18^2 + 24^0 = 17 + 44 + 100 + 182 + 240 \\ 583 &:= 1^3 + 2^8 + 14^0 + 18^2 + 22^0 = 13 + 28 + 140 + 182 + 220 & 583 &:= 1^7 + 4^4 + 11^0 + 18^2 + 23^0 = 17 + 44 + 110 + 182 + 230 \\ 583 &:= 1^3 + 2^8 + 15^0 + 18^2 + 21^0 = 13 + 28 + 150 + 182 + 210 & 583 &:= 1^7 + 4^4 + 12^0 + 18^2 + 22^0 = 17 + 44 + 120 + 182 + 220 \\ 583 &:= 1^3 + 2^8 + 16^0 + 18^2 + 20^0 = 13 + 28 + 160 + 182 + 200 & 583 &:= 1^7 + 4^4 + 13^0 + 18^2 + 21^0 = 17 + 44 + 130 + 182 + 210 \\ 583 &:= 1^3 + 2^8 + 17^0 + 18^2 + 19^0 = 13 + 28 + 170 + 182 + 190 & 583 &:= 1^7 + 4^4 + 14^0 + 18^2 + 20^0 = 17 + 44 + 140 + 182 + 200 \\ 583 &:= 1^3 + 2^8 + 18^0 + 18^0 + 18^2 = 13 + 28 + 180 + 180 + 182 & 583 &:= 1^7 + 4^4 + 15^0 + 18^2 + 19^0 = 17 + 44 + 150 + 182 + 190 \\ 583 &:= 1^3 + 2^8 + 9^0 + 18^2 + 27^0 = 13 + 28 + 90 + 182 + 270 & 583 &:= 1^7 + 4^4 + 16^0 + 18^0 + 18^2 = 17 + 44 + 160 + 180 + 182 \\ 583 &:= 1^4 + 1^4 + 5^2 + 23^2 + 27^1 = 14 + 14 + 52 + 232 + 271 & 583 &:= 1^7 + 4^4 + 17^0 + 17^0 + 18^2 = 17 + 44 + 170 + 170 + 182 \\ 583 &:= 1^4 + 1^5 + 16^2 + 18^2 + 21^0 = 14 + 15 + 162 + 182 + 210 & 583 &:= 1^7 + 4^4 + 7^0 + 18^2 + 27^0 = 17 + 44 + 70 + 182 + 270 \\ 583 &:= 1^4 + 1^6 + 4^1 + 24^2 + 27^0 = 14 + 16 + 41 + 242 + 270 & 583 &:= 1^7 + 4^4 + 8^0 + 18^2 + 26^0 = 17 + 44 + 80 + 182 + 260 \end{aligned}$$

$$\begin{aligned} 583 &:= 1^7 + 4^4 + 9^0 + 18^2 + 25^0 = 17 + 44 + 90 + 182 + 250 & 583 &:= 1^9 + 2^2 + 9^0 + 21^0 + 24^2 = 19 + 22 + 90 + 210 + 242 \\ 583 &:= 1^7 + 5^1 + 5^2 + 23^1 + 23^2 = 17 + 51 + 52 + 231 + 232 & 583 &:= 1^9 + 3^0 + 16^2 + 18^2 + 19^0 = 19 + 30 + 162 + 182 + 190 \\ 583 &:= 1^7 + 5^2 + 10^1 + 18^1 + 23^2 = 17 + 52 + 101 + 181 + 232 & 583 &:= 1^9 + 4^0 + 16^2 + 18^0 + 18^2 = 19 + 40 + 162 + 180 + 182 \\ 583 &:= 1^7 + 5^2 + 11^1 + 17^1 + 23^2 = 17 + 52 + 111 + 171 + 232 & 583 &:= 1^9 + 5^0 + 16^2 + 17^0 + 18^2 = 19 + 50 + 162 + 170 + 182 \\ 583 &:= 1^7 + 5^2 + 12^1 + 16^1 + 23^2 = 17 + 52 + 121 + 161 + 232 & 583 &:= 1^9 + 6^0 + 16^0 + 16^2 + 18^2 = 19 + 60 + 160 + 162 + 182 \\ 583 &:= 1^7 + 5^2 + 13^1 + 15^1 + 23^2 = 17 + 52 + 131 + 151 + 232 & 583 &:= 1^9 + 7^0 + 15^0 + 16^2 + 18^2 = 19 + 70 + 150 + 162 + 182 \\ 583 &:= 1^7 + 5^2 + 14^1 + 14^1 + 23^2 = 17 + 52 + 141 + 141 + 232 & 583 &:= 1^9 + 8^0 + 14^0 + 16^2 + 18^2 = 19 + 80 + 140 + 162 + 182 \\ 583 &:= 1^7 + 5^2 + 6^1 + 22^1 + 23^2 = 17 + 52 + 61 + 221 + 232 & 583 &:= 1^9 + 9^0 + 13^0 + 16^2 + 18^2 = 19 + 90 + 130 + 162 + 182 \\ 583 &:= 1^7 + 5^2 + 7^1 + 21^1 + 23^2 = 17 + 52 + 71 + 211 + 232 & 583 &:= 2^0 + 2^0 + 4^1 + 24^2 + 26^0 = 20 + 20 + 41 + 242 + 260 \\ 583 &:= 1^7 + 5^2 + 8^1 + 20^1 + 23^2 = 17 + 52 + 81 + 201 + 232 & 583 &:= 2^0 + 3^0 + 4^1 + 24^2 + 25^0 = 20 + 30 + 41 + 242 + 250 \\ 583 &:= 1^7 + 5^2 + 9^1 + 19^1 + 23^2 = 17 + 52 + 91 + 191 + 232 & 583 &:= 2^0 + 4^0 + 4^1 + 24^0 + 24^2 = 20 + 40 + 41 + 240 + 242 \\ 583 &:= 1^7 + 5^3 + 15^0 + 15^1 + 21^2 = 17 + 53 + 150 + 151 + 212 & 583 &:= 2^0 + 4^1 + 10^0 + 18^0 + 24^2 = 20 + 41 + 100 + 180 + 242 \\ 583 &:= 1^7 + 6^2 + 16^2 + 17^0 + 17^2 = 17 + 62 + 162 + 170 + 172 & 583 &:= 2^0 + 4^1 + 11^0 + 17^0 + 24^2 = 20 + 41 + 110 + 170 + 242 \\ 583 &:= 1^7 + 7^2 + 8^3 + 20^1 + 21^0 = 17 + 72 + 83 + 201 + 210 & 583 &:= 2^0 + 4^1 + 12^0 + 16^0 + 24^2 = 20 + 41 + 120 + 160 + 242 \\ 583 &:= 1^7 + 7^3 + 13^1 + 15^2 + 21^0 = 17 + 73 + 131 + 152 + 210 & 583 &:= 2^0 + 4^1 + 13^0 + 15^0 + 24^2 = 20 + 41 + 130 + 150 + 242 \\ 583 &:= 1^7 + 9^2 + 10^2 + 17^0 + 20^2 = 17 + 92 + 102 + 170 + 202 & 583 &:= 2^0 + 4^1 + 14^0 + 14^0 + 24^2 = 20 + 41 + 140 + 140 + 242 \\ 583 &:= 1^8 + 11^0 + 12^1 + 13^2 + 20^2 = 18 + 110 + 121 + 132 + 202 & 583 &:= 2^0 + 4^1 + 5^0 + 23^0 + 24^2 = 20 + 41 + 50 + 230 + 242 \\ 583 &:= 1^8 + 3^1 + 17^2 + 17^2 + 19^0 = 18 + 31 + 172 + 172 + 190 & 583 &:= 2^0 + 4^1 + 6^0 + 22^0 + 24^2 = 20 + 41 + 60 + 220 + 242 \\ 583 &:= 1^8 + 3^1 + 7^2 + 23^0 + 23^2 = 18 + 31 + 72 + 230 + 232 & 583 &:= 2^0 + 4^1 + 7^0 + 21^0 + 24^2 = 20 + 41 + 70 + 210 + 242 \\ 583 &:= 1^8 + 5^0 + 11^2 + 19^1 + 21^2 = 18 + 50 + 112 + 191 + 212 & 583 &:= 2^0 + 4^1 + 8^0 + 20^0 + 24^2 = 20 + 41 + 80 + 200 + 242 \\ 583 &:= 1^8 + 6^2 + 11^0 + 16^1 + 23^2 = 18 + 62 + 110 + 161 + 232 & 583 &:= 2^0 + 4^1 + 9^0 + 19^0 + 24^2 = 20 + 41 + 90 + 190 + 242 \\ 583 &:= 1^8 + 9^0 + 9^2 + 16^1 + 22^2 = 18 + 90 + 92 + 161 + 222 & 583 &:= 2^1 + 2^8 + 10^1 + 17^2 + 26^1 = 21 + 28 + 101 + 172 + 261 \\ 583 &:= 1^9 + 10^0 + 12^0 + 16^2 + 18^2 = 19 + 100 + 120 + 162 + 182 & 583 &:= 2^1 + 2^8 + 11^1 + 17^2 + 25^1 = 21 + 28 + 111 + 172 + 251 \\ 583 &:= 1^9 + 11^0 + 11^0 + 16^2 + 18^2 = 19 + 110 + 110 + 162 + 182 & 583 &:= 2^1 + 2^8 + 12^1 + 17^2 + 24^1 = 21 + 28 + 121 + 172 + 241 \\ 583 &:= 1^9 + 2^0 + 16^2 + 18^2 + 20^0 = 19 + 20 + 162 + 182 + 200 & 583 &:= 2^1 + 2^8 + 13^1 + 17^2 + 23^1 = 21 + 28 + 131 + 172 + 231 \\ 583 &:= 1^9 + 2^1 + 3^1 + 24^2 + 27^0 = 19 + 21 + 31 + 242 + 270 & 583 &:= 2^1 + 2^8 + 14^1 + 17^2 + 22^1 = 21 + 28 + 141 + 172 + 221 \\ 583 &:= 1^9 + 2^2 + 10^0 + 20^0 + 24^2 = 19 + 22 + 100 + 200 + 242 & 583 &:= 2^1 + 2^8 + 15^1 + 17^2 + 21^1 = 21 + 28 + 151 + 172 + 211 \\ 583 &:= 1^9 + 2^2 + 11^0 + 19^0 + 24^2 = 19 + 22 + 110 + 190 + 242 & 583 &:= 2^1 + 2^8 + 16^1 + 17^2 + 20^1 = 21 + 28 + 161 + 172 + 201 \\ 583 &:= 1^9 + 2^2 + 12^0 + 18^0 + 24^2 = 19 + 22 + 120 + 180 + 242 & 583 &:= 2^1 + 2^8 + 17^1 + 17^2 + 19^1 = 21 + 28 + 171 + 172 + 191 \\ 583 &:= 1^9 + 2^2 + 13^0 + 17^0 + 24^2 = 19 + 22 + 130 + 170 + 242 & 583 &:= 2^1 + 2^8 + 17^2 + 18^1 + 18^1 = 21 + 28 + 172 + 181 + 181 \\ 583 &:= 1^9 + 2^2 + 14^0 + 16^0 + 24^2 = 19 + 22 + 140 + 160 + 242 & 583 &:= 2^1 + 2^8 + 9^1 + 17^2 + 27^1 = 21 + 28 + 91 + 172 + 271 \\ 583 &:= 1^9 + 2^2 + 15^0 + 15^0 + 24^2 = 19 + 22 + 150 + 150 + 242 & 583 &:= 2^1 + 2^9 + 7^2 + 19^1 + 27^0 = 21 + 29 + 72 + 191 + 270 \\ 583 &:= 1^9 + 2^2 + 3^0 + 24^2 + 27^0 = 19 + 22 + 30 + 242 + 270 & 583 &:= 2^2 + 2^6 + 13^2 + 18^2 + 22^1 = 22 + 26 + 132 + 182 + 221 \\ 583 &:= 1^9 + 2^2 + 4^0 + 24^2 + 26^0 = 19 + 22 + 40 + 242 + 260 & 583 &:= 2^2 + 2^6 + 7^2 + 21^2 + 25^1 = 22 + 26 + 72 + 212 + 251 \\ 583 &:= 1^9 + 2^2 + 5^0 + 24^2 + 25^0 = 19 + 22 + 50 + 242 + 250 & 583 &:= 2^2 + 2^7 + 15^2 + 15^2 + 23^0 = 22 + 27 + 152 + 152 + 230 \\ 583 &:= 1^9 + 2^2 + 6^0 + 24^0 + 24^2 = 19 + 22 + 60 + 240 + 242 & 583 &:= 2^3 + 2^5 + 11^2 + 20^2 + 22^1 = 23 + 25 + 112 + 202 + 221 \\ 583 &:= 1^9 + 2^2 + 7^0 + 23^0 + 24^2 = 19 + 22 + 70 + 230 + 242 & 583 &:= 2^3 + 2^7 + 5^1 + 21^2 + 27^0 = 23 + 27 + 51 + 212 + 270 \\ 583 &:= 1^9 + 2^2 + 8^0 + 22^0 + 24^2 = 19 + 22 + 80 + 220 + 242 & 583 &:= 2^4 + 2^4 + 13^2 + 19^2 + 21^1 = 24 + 24 + 132 + 192 + 211 \end{aligned}$$

$$\begin{aligned} 583 &:= 2^4 + 2^5 + 8^3 + 22^1 + 23^0 = 24 + 25 + 83 + 221 + 230 \\ 583 &:= 2^4 + 2^6 + 13^0 + 18^1 + 22^2 = 24 + 26 + 130 + 181 + 222 \\ 583 &:= 2^4 + 3^5 + 10^1 + 17^2 + 25^1 = 24 + 35 + 101 + 172 + 251 \\ 583 &:= 2^4 + 3^5 + 11^1 + 17^2 + 24^1 = 24 + 35 + 111 + 172 + 241 \\ 583 &:= 2^4 + 3^5 + 12^1 + 17^2 + 23^1 = 24 + 35 + 121 + 172 + 231 \\ 583 &:= 2^4 + 3^5 + 13^1 + 17^2 + 22^1 = 24 + 35 + 131 + 172 + 221 \\ 583 &:= 2^4 + 3^5 + 14^1 + 17^2 + 21^1 = 24 + 35 + 141 + 172 + 211 \\ 583 &:= 2^4 + 3^5 + 15^1 + 17^2 + 20^1 = 24 + 35 + 151 + 172 + 201 \\ 583 &:= 2^4 + 3^5 + 16^1 + 17^2 + 19^1 = 24 + 35 + 161 + 172 + 191 \\ 583 &:= 2^4 + 3^5 + 17^1 + 17^2 + 18^1 = 24 + 35 + 171 + 172 + 181 \\ 583 &:= 2^4 + 3^5 + 8^1 + 17^2 + 27^1 = 24 + 35 + 81 + 172 + 271 \\ 583 &:= 2^4 + 3^5 + 9^1 + 17^2 + 26^1 = 24 + 35 + 91 + 172 + 261 \\ 583 &:= 2^5 + 3^5 + 17^0 + 17^2 + 18^1 = 25 + 35 + 170 + 172 + 181 \\ 583 &:= 2^5 + 4^3 + 5^3 + 19^2 + 27^0 = 25 + 43 + 53 + 192 + 270 \\ 583 &:= 2^5 + 4^3 + 8^2 + 20^2 + 23^1 = 25 + 43 + 82 + 202 + 231 \\ 583 &:= 2^6 + 4^2 + 11^2 + 19^2 + 21^1 = 26 + 42 + 112 + 192 + 211 \\ 583 &:= 2^6 + 4^2 + 9^2 + 20^2 + 22^1 = 26 + 42 + 92 + 202 + 221 \\ 583 &:= 2^6 + 7^2 + 14^2 + 16^2 + 18^1 = 26 + 72 + 142 + 162 + 181 \\ 583 &:= 2^6 + 7^2 + 7^2 + 20^2 + 21^1 = 26 + 72 + 72 + 202 + 211 \\ 583 &:= 2^6 + 9^2 + 14^2 + 15^2 + 17^1 = 26 + 92 + 142 + 152 + 171 \\ 583 &:= 2^7 + 3^1 + 5^2 + 20^2 + 27^1 = 27 + 31 + 52 + 202 + 271 \\ 583 &:= 2^7 + 3^2 + 11^2 + 18^2 + 23^0 = 27 + 32 + 112 + 182 + 230 \\ 583 &:= 2^7 + 3^3 + 5^0 + 20^2 + 27^1 = 27 + 33 + 50 + 202 + 271 \\ 583 &:= 2^7 + 4^1 + 5^2 + 20^2 + 26^1 = 27 + 41 + 52 + 202 + 261 \\ 583 &:= 2^7 + 5^1 + 5^2 + 20^2 + 25^1 = 27 + 51 + 52 + 202 + 251 \\ 583 &:= 2^7 + 5^1 + 5^3 + 18^2 + 27^0 = 27 + 51 + 53 + 182 + 270 \\ 583 &:= 2^7 + 5^2 + 10^1 + 20^1 + 20^2 = 27 + 52 + 101 + 201 + 202 \\ 583 &:= 2^7 + 5^2 + 11^1 + 19^1 + 20^2 = 27 + 52 + 111 + 191 + 202 \\ 583 &:= 2^7 + 5^2 + 12^1 + 18^1 + 20^2 = 27 + 52 + 121 + 181 + 202 \\ 583 &:= 2^7 + 5^2 + 13^1 + 17^1 + 20^2 = 27 + 52 + 131 + 171 + 202 \\ 583 &:= 2^7 + 5^2 + 14^1 + 16^1 + 20^2 = 27 + 52 + 141 + 161 + 202 \\ 583 &:= 2^7 + 5^2 + 15^1 + 15^1 + 20^2 = 27 + 52 + 151 + 151 + 202 \\ 583 &:= 2^7 + 5^2 + 6^1 + 20^2 + 24^1 = 27 + 52 + 61 + 202 + 241 \\ 583 &:= 2^7 + 5^2 + 7^1 + 20^2 + 23^1 = 27 + 52 + 71 + 202 + 231 \\ 583 &:= 2^7 + 5^2 + 8^1 + 20^2 + 22^1 = 27 + 52 + 81 + 202 + 221 \\ 583 &:= 2^7 + 5^2 + 9^1 + 20^2 + 21^1 = 27 + 52 + 91 + 202 + 211 \\ 583 &:= 2^7 + 6^3 + 13^1 + 15^2 + 21^0 = 27 + 63 + 131 + 152 + 210 \\ 583 &:= 2^7 + 7^2 + 9^2 + 18^2 + 21^0 = 27 + 72 + 92 + 182 + 210 \end{aligned}$$

$$\begin{aligned} 583 &:= 2^7 + 7^3 + 10^2 + 11^1 + 27^0 = 27 + 73 + 102 + 111 + 270 \\ 583 &:= 2^8 + 10^1 + 10^1 + 17^2 + 18^1 = 28 + 101 + 101 + 172 + 181 \\ 583 &:= 2^8 + 10^1 + 11^1 + 17^1 + 17^2 = 28 + 101 + 111 + 171 + 172 \\ 583 &:= 2^8 + 10^1 + 12^1 + 16^1 + 17^2 = 28 + 101 + 121 + 161 + 172 \\ 583 &:= 2^8 + 10^1 + 13^1 + 15^1 + 17^2 = 28 + 101 + 131 + 151 + 172 \\ 583 &:= 2^8 + 10^1 + 14^1 + 14^1 + 17^2 = 28 + 101 + 141 + 141 + 172 \\ 583 &:= 2^8 + 11^1 + 11^1 + 16^1 + 17^2 = 28 + 111 + 111 + 161 + 172 \\ 583 &:= 2^8 + 11^1 + 12^1 + 15^1 + 17^2 = 28 + 111 + 121 + 151 + 172 \\ 583 &:= 2^8 + 11^1 + 13^1 + 14^1 + 17^2 = 28 + 111 + 131 + 141 + 172 \\ 583 &:= 2^8 + 12^1 + 12^1 + 14^1 + 17^2 = 28 + 121 + 121 + 141 + 172 \\ 583 &:= 2^8 + 12^1 + 13^1 + 13^1 + 17^2 = 28 + 121 + 131 + 131 + 172 \\ 583 &:= 2^8 + 12^2 + 13^1 + 13^2 + 17^0 = 28 + 122 + 131 + 132 + 170 \\ 583 &:= 2^8 + 3^1 + 10^1 + 17^2 + 25^1 = 28 + 31 + 101 + 172 + 251 \\ 583 &:= 2^8 + 3^1 + 11^1 + 17^2 + 24^1 = 28 + 31 + 111 + 172 + 241 \\ 583 &:= 2^8 + 3^1 + 12^1 + 17^2 + 23^1 = 28 + 31 + 121 + 172 + 231 \\ 583 &:= 2^8 + 3^1 + 13^1 + 17^2 + 22^1 = 28 + 31 + 131 + 172 + 221 \\ 583 &:= 2^8 + 3^1 + 14^1 + 17^2 + 21^1 = 28 + 31 + 141 + 172 + 211 \\ 583 &:= 2^8 + 3^1 + 15^1 + 17^2 + 20^1 = 28 + 31 + 151 + 172 + 201 \\ 583 &:= 2^8 + 3^1 + 16^1 + 17^2 + 19^1 = 28 + 31 + 161 + 172 + 191 \\ 583 &:= 2^8 + 3^1 + 17^1 + 17^2 + 18^1 = 28 + 31 + 171 + 172 + 181 \\ 583 &:= 2^8 + 3^1 + 8^1 + 17^2 + 27^1 = 28 + 31 + 81 + 172 + 271 \\ 583 &:= 2^8 + 3^1 + 9^1 + 17^2 + 26^1 = 28 + 31 + 91 + 172 + 261 \\ 583 &:= 2^8 + 4^1 + 10^1 + 17^2 + 24^1 = 28 + 41 + 101 + 172 + 241 \\ 583 &:= 2^8 + 4^1 + 11^1 + 17^2 + 23^1 = 28 + 41 + 111 + 172 + 231 \\ 583 &:= 2^8 + 4^1 + 12^1 + 17^2 + 22^1 = 28 + 41 + 121 + 172 + 221 \\ 583 &:= 2^8 + 4^1 + 13^1 + 17^2 + 21^1 = 28 + 41 + 131 + 172 + 211 \\ 583 &:= 2^8 + 4^1 + 14^1 + 17^2 + 20^1 = 28 + 41 + 141 + 172 + 201 \\ 583 &:= 2^8 + 4^1 + 15^1 + 17^2 + 19^1 = 28 + 41 + 151 + 172 + 191 \\ 583 &:= 2^8 + 4^1 + 16^1 + 17^2 + 18^1 = 28 + 41 + 161 + 172 + 181 \\ 583 &:= 2^8 + 4^1 + 17^1 + 17^1 + 17^2 = 28 + 41 + 171 + 171 + 172 \\ 583 &:= 2^8 + 4^1 + 7^1 + 17^2 + 27^1 = 28 + 41 + 71 + 172 + 271 \\ 583 &:= 2^8 + 4^1 + 8^1 + 17^2 + 26^1 = 28 + 41 + 81 + 172 + 261 \\ 583 &:= 2^8 + 4^1 + 9^1 + 17^2 + 25^1 = 28 + 41 + 91 + 172 + 251 \\ 583 &:= 2^8 + 4^2 + 13^0 + 17^2 + 21^1 = 28 + 42 + 130 + 172 + 211 \\ 583 &:= 2^8 + 5^1 + 10^1 + 17^2 + 23^1 = 28 + 51 + 101 + 172 + 231 \\ 583 &:= 2^8 + 5^1 + 11^1 + 17^2 + 22^1 = 28 + 51 + 111 + 172 + 221 \\ 583 &:= 2^8 + 5^1 + 12^1 + 17^2 + 21^1 = 28 + 51 + 121 + 172 + 211 \\ 583 &:= 2^8 + 5^1 + 13^1 + 17^2 + 20^1 = 28 + 51 + 131 + 172 + 201 \end{aligned}$$

$$\begin{aligned} 583 &:= 2^8 + 5^1 + 14^1 + 17^2 + 19^1 = 28 + 51 + 141 + 172 + 191 \\ 583 &:= 2^8 + 5^1 + 15^1 + 17^2 + 18^1 = 28 + 51 + 151 + 172 + 181 \\ 583 &:= 2^8 + 5^1 + 16^1 + 17^1 + 17^2 = 28 + 51 + 161 + 171 + 172 \\ 583 &:= 2^8 + 5^1 + 6^1 + 17^2 + 27^1 = 28 + 51 + 61 + 172 + 271 \\ 583 &:= 2^8 + 5^1 + 7^1 + 17^2 + 26^1 = 28 + 51 + 71 + 172 + 261 \\ 583 &:= 2^8 + 5^1 + 8^1 + 17^2 + 25^1 = 28 + 51 + 81 + 172 + 251 \\ 583 &:= 2^8 + 5^1 + 9^1 + 17^2 + 24^1 = 28 + 51 + 91 + 172 + 241 \\ 583 &:= 2^8 + 5^2 + 12^1 + 17^2 + 21^0 = 28 + 52 + 121 + 172 + 210 \\ 583 &:= 2^8 + 6^1 + 10^1 + 17^2 + 22^1 = 28 + 61 + 101 + 172 + 221 \\ 583 &:= 2^8 + 6^1 + 11^1 + 17^2 + 21^1 = 28 + 61 + 111 + 172 + 211 \\ 583 &:= 2^8 + 6^1 + 12^1 + 17^2 + 20^1 = 28 + 61 + 121 + 172 + 201 \\ 583 &:= 2^8 + 6^1 + 13^1 + 17^2 + 19^1 = 28 + 61 + 131 + 172 + 191 \\ 583 &:= 2^8 + 6^1 + 14^1 + 17^2 + 18^1 = 28 + 61 + 141 + 172 + 181 \\ 583 &:= 2^8 + 6^1 + 15^1 + 17^1 + 17^2 = 28 + 61 + 151 + 171 + 172 \\ 583 &:= 2^8 + 6^1 + 16^1 + 16^1 + 17^2 = 28 + 61 + 161 + 161 + 172 \\ 583 &:= 2^8 + 6^1 + 6^1 + 17^2 + 26^1 = 28 + 61 + 61 + 172 + 261 \\ 583 &:= 2^8 + 6^1 + 7^1 + 17^2 + 25^1 = 28 + 61 + 71 + 172 + 251 \\ 583 &:= 2^8 + 6^1 + 8^1 + 17^2 + 24^1 = 28 + 61 + 81 + 172 + 241 \\ 583 &:= 2^8 + 6^1 + 8^2 + 16^2 + 25^0 = 28 + 61 + 82 + 162 + 250 \\ 583 &:= 2^8 + 6^1 + 9^1 + 17^2 + 23^1 = 28 + 61 + 91 + 172 + 231 \\ 583 &:= 2^8 + 7^1 + 10^1 + 17^2 + 21^1 = 28 + 71 + 101 + 172 + 211 \\ 583 &:= 2^8 + 7^1 + 11^1 + 17^2 + 20^1 = 28 + 71 + 111 + 172 + 201 \\ 583 &:= 2^8 + 7^1 + 12^1 + 17^2 + 19^1 = 28 + 71 + 121 + 172 + 191 \\ 583 &:= 2^8 + 7^1 + 13^1 + 17^2 + 18^1 = 28 + 71 + 131 + 172 + 181 \\ 583 &:= 2^8 + 7^1 + 14^1 + 17^1 + 17^2 = 28 + 71 + 141 + 171 + 172 \\ 583 &:= 2^8 + 7^1 + 15^1 + 16^1 + 17^2 = 28 + 71 + 151 + 161 + 172 \\ 583 &:= 2^8 + 7^1 + 7^1 + 17^2 + 24^1 = 28 + 71 + 71 + 172 + 241 \\ 583 &:= 2^8 + 7^1 + 8^1 + 17^2 + 23^1 = 28 + 71 + 81 + 172 + 231 \\ 583 &:= 2^8 + 7^1 + 9^1 + 17^2 + 22^1 = 28 + 71 + 91 + 172 + 221 \\ 583 &:= 2^8 + 7^2 + 11^0 + 16^2 + 21^1 = 28 + 72 + 110 + 162 + 211 \\ 583 &:= 2^8 + 8^1 + 10^1 + 17^2 + 20^1 = 28 + 81 + 101 + 172 + 201 \\ 583 &:= 2^8 + 8^1 + 11^1 + 17^2 + 19^1 = 28 + 81 + 111 + 172 + 191 \\ 583 &:= 2^8 + 8^1 + 12^1 + 17^2 + 18^1 = 28 + 81 + 121 + 172 + 181 \\ 583 &:= 2^8 + 8^1 + 13^1 + 17^1 + 17^2 = 28 + 81 + 131 + 171 + 172 \\ 583 &:= 2^8 + 8^1 + 14^1 + 16^1 + 17^2 = 28 + 81 + 141 + 161 + 172 \\ 583 &:= 2^8 + 8^1 + 15^1 + 15^1 + 17^2 = 28 + 81 + 151 + 151 + 172 \\ 583 &:= 2^8 + 8^1 + 8^1 + 17^2 + 22^1 = 28 + 81 + 81 + 172 + 221 \\ 583 &:= 2^8 + 8^1 + 9^1 + 17^2 + 21^1 = 28 + 81 + 91 + 172 + 211 \end{aligned}$$

$$\begin{aligned} 583 &:= 2^8 + 9^1 + 10^1 + 17^2 + 19^1 = 28 + 91 + 101 + 172 + 191 \\ 583 &:= 2^8 + 9^1 + 11^1 + 17^2 + 18^1 = 28 + 91 + 111 + 172 + 181 \\ 583 &:= 2^8 + 9^1 + 11^2 + 14^2 + 21^0 = 28 + 91 + 112 + 142 + 210 \\ 583 &:= 2^8 + 9^1 + 12^1 + 17^1 + 17^2 = 28 + 91 + 121 + 171 + 172 \\ 583 &:= 2^8 + 9^1 + 13^1 + 16^1 + 17^2 = 28 + 91 + 131 + 161 + 172 \\ 583 &:= 2^8 + 9^1 + 14^1 + 15^1 + 17^2 = 28 + 91 + 141 + 151 + 172 \\ 583 &:= 2^8 + 9^1 + 9^1 + 17^2 + 20^1 = 28 + 91 + 91 + 172 + 201 \\ 583 &:= 2^8 + 9^2 + 11^0 + 15^2 + 20^1 = 28 + 92 + 110 + 152 + 201 \\ 583 &:= 2^9 + 3^1 + 7^2 + 18^1 + 27^0 = 29 + 31 + 72 + 181 + 270 \\ 583 &:= 2^9 + 4^1 + 7^2 + 17^1 + 27^0 = 29 + 41 + 72 + 171 + 270 \\ 583 &:= 2^9 + 4^3 + 5^1 + 19^0 + 27^0 = 29 + 43 + 51 + 190 + 270 \\ 583 &:= 2^9 + 4^3 + 5^1 + 20^0 + 26^0 = 29 + 43 + 51 + 200 + 260 \\ 583 &:= 2^9 + 4^3 + 5^1 + 21^0 + 25^0 = 29 + 43 + 51 + 210 + 250 \\ 583 &:= 2^9 + 4^3 + 5^1 + 22^0 + 24^0 = 29 + 43 + 51 + 220 + 240 \\ 583 &:= 2^9 + 4^3 + 5^1 + 23^0 + 23^0 = 29 + 43 + 51 + 230 + 230 \\ 583 &:= 2^9 + 5^0 + 5^2 + 18^1 + 27^1 = 29 + 50 + 52 + 181 + 271 \\ 583 &:= 2^9 + 5^0 + 5^2 + 19^1 + 26^1 = 29 + 50 + 52 + 191 + 261 \\ 583 &:= 2^9 + 5^0 + 5^2 + 20^1 + 25^1 = 29 + 50 + 52 + 201 + 251 \\ 583 &:= 2^9 + 5^0 + 5^2 + 21^1 + 24^1 = 29 + 50 + 52 + 211 + 241 \\ 583 &:= 2^9 + 5^0 + 5^2 + 22^1 + 23^1 = 29 + 50 + 52 + 221 + 231 \\ 583 &:= 2^9 + 5^1 + 7^2 + 16^1 + 27^0 = 29 + 51 + 72 + 161 + 270 \\ 583 &:= 2^9 + 6^1 + 7^2 + 15^1 + 27^0 = 29 + 61 + 72 + 151 + 270 \\ 583 &:= 2^9 + 6^2 + 10^1 + 15^0 + 24^1 = 29 + 62 + 101 + 150 + 241 \\ 583 &:= 2^9 + 6^2 + 11^1 + 15^0 + 23^1 = 29 + 62 + 111 + 150 + 231 \\ 583 &:= 2^9 + 6^2 + 12^1 + 15^0 + 22^1 = 29 + 62 + 121 + 150 + 221 \\ 583 &:= 2^9 + 6^2 + 13^1 + 15^0 + 21^1 = 29 + 62 + 131 + 150 + 211 \\ 583 &:= 2^9 + 6^2 + 14^1 + 15^0 + 20^1 = 29 + 62 + 141 + 150 + 201 \\ 583 &:= 2^9 + 6^2 + 15^0 + 15^1 + 19^1 = 29 + 62 + 150 + 151 + 191 \\ 583 &:= 2^9 + 6^2 + 15^0 + 16^1 + 18^1 = 29 + 62 + 150 + 161 + 181 \\ 583 &:= 2^9 + 6^2 + 15^0 + 17^1 + 17^1 = 29 + 62 + 150 + 171 + 171 \\ 583 &:= 2^9 + 6^2 + 7^1 + 15^0 + 27^1 = 29 + 62 + 71 + 150 + 271 \\ 583 &:= 2^9 + 6^2 + 8^1 + 15^0 + 26^1 = 29 + 62 + 81 + 150 + 261 \\ 583 &:= 2^9 + 6^2 + 9^1 + 15^0 + 25^1 = 29 + 62 + 91 + 150 + 251 \\ 583 &:= 2^9 + 7^1 + 7^2 + 14^1 + 27^0 = 29 + 71 + 72 + 141 + 270 \\ 583 &:= 2^9 + 7^2 + 10^1 + 11^1 + 27^0 = 29 + 72 + 101 + 111 + 270 \\ 583 &:= 2^9 + 7^2 + 8^1 + 13^1 + 27^0 = 29 + 72 + 81 + 131 + 270 \\ 583 &:= 2^9 + 7^2 + 9^1 + 12^1 + 27^0 = 29 + 72 + 91 + 121 + 270 \\ 583 &:= 3^0 + 3^0 + 4^1 + 24^0 + 24^2 = 30 + 30 + 41 + 240 + 242 \end{aligned}$$

$$\begin{aligned}
 583 &:= 3^0 + 4^0 + 4^1 + 23^0 + 24^2 = 30 + 40 + 41 + 230 + 242 \\
 583 &:= 3^0 + 4^1 + 10^0 + 17^0 + 24^2 = 30 + 41 + 100 + 170 + 242 \\
 583 &:= 3^0 + 4^1 + 11^0 + 16^0 + 24^2 = 30 + 41 + 110 + 160 + 242 \\
 583 &:= 3^0 + 4^1 + 12^0 + 15^0 + 24^2 = 30 + 41 + 120 + 150 + 242 \\
 583 &:= 3^0 + 4^1 + 13^0 + 14^0 + 24^2 = 30 + 41 + 130 + 140 + 242 \\
 583 &:= 3^0 + 4^1 + 5^0 + 22^0 + 24^2 = 30 + 41 + 50 + 220 + 242 \\
 583 &:= 3^0 + 4^1 + 6^0 + 21^0 + 24^2 = 30 + 41 + 60 + 210 + 242 \\
 583 &:= 3^0 + 4^1 + 7^0 + 20^0 + 24^2 = 30 + 41 + 70 + 200 + 242 \\
 583 &:= 3^0 + 4^1 + 8^0 + 19^0 + 24^2 = 30 + 41 + 80 + 190 + 242 \\
 583 &:= 3^0 + 4^1 + 9^0 + 18^0 + 24^2 = 30 + 41 + 90 + 180 + 242 \\
 583 &:= 3^5 + 3^5 + 9^2 + 15^1 + 27^0 = 35 + 35 + 92 + 151 + 270 \\
 583 &:= 3^5 + 4^3 + 4^4 + 19^1 + 27^0 = 35 + 43 + 44 + 191 + 270 \\
 583 &:= 4^0 + 4^0 + 4^1 + 22^0 + 24^2 = 40 + 40 + 41 + 220 + 242 \\
 583 &:= 4^0 + 4^1 + 10^0 + 16^0 + 24^2 = 40 + 41 + 100 + 160 + 242 \\
 583 &:= 4^0 + 4^1 + 11^0 + 15^0 + 24^2 = 40 + 41 + 110 + 150 + 242 \\
 583 &:= 4^0 + 4^1 + 12^0 + 14^0 + 24^2 = 40 + 41 + 120 + 140 + 242 \\
 583 &:= 4^0 + 4^1 + 13^0 + 13^0 + 24^2 = 40 + 41 + 130 + 130 + 242 \\
 583 &:= 4^0 + 4^1 + 5^0 + 21^0 + 24^2 = 40 + 41 + 50 + 210 + 242 \\
 583 &:= 4^0 + 4^1 + 6^0 + 20^0 + 24^2 = 40 + 41 + 60 + 200 + 242 \\
 583 &:= 4^0 + 4^1 + 7^0 + 19^0 + 24^2 = 40 + 41 + 70 + 190 + 242 \\
 583 &:= 4^0 + 4^1 + 8^0 + 18^0 + 24^2 = 40 + 41 + 80 + 180 + 242 \\
 583 &:= 4^0 + 4^1 + 9^0 + 17^0 + 24^2 = 40 + 41 + 90 + 170 + 242 \\
 583 &:= 4^1 + 10^0 + 10^0 + 10^0 + 24^2 = 41 + 100 + 100 + 100 + 242 \\
 583 &:= 4^1 + 5^0 + 10^0 + 15^0 + 24^2 = 41 + 50 + 100 + 150 + 242 \\
 583 &:= 4^1 + 5^0 + 11^0 + 14^0 + 24^2 = 41 + 50 + 110 + 140 + 242
 \end{aligned}$$

$$\begin{aligned}
 583 &:= 4^1 + 5^0 + 12^0 + 13^0 + 24^2 = 41 + 50 + 120 + 130 + 242 \\
 583 &:= 4^1 + 5^0 + 5^0 + 20^0 + 24^2 = 41 + 50 + 50 + 200 + 242 \\
 583 &:= 4^1 + 5^0 + 6^0 + 19^0 + 24^2 = 41 + 50 + 60 + 190 + 242 \\
 583 &:= 4^1 + 5^0 + 7^0 + 18^0 + 24^2 = 41 + 50 + 70 + 180 + 242 \\
 583 &:= 4^1 + 5^0 + 8^0 + 17^0 + 24^2 = 41 + 50 + 80 + 170 + 242 \\
 583 &:= 4^1 + 5^0 + 9^0 + 16^0 + 24^2 = 41 + 50 + 90 + 160 + 242 \\
 583 &:= 4^1 + 6^0 + 10^0 + 14^0 + 24^2 = 41 + 60 + 100 + 140 + 242 \\
 583 &:= 4^1 + 6^0 + 11^0 + 13^0 + 24^2 = 41 + 60 + 110 + 130 + 242 \\
 583 &:= 4^1 + 6^0 + 12^0 + 12^0 + 24^2 = 41 + 60 + 120 + 120 + 242 \\
 583 &:= 4^1 + 6^0 + 6^0 + 18^0 + 24^2 = 41 + 60 + 60 + 180 + 242 \\
 583 &:= 4^1 + 6^0 + 7^0 + 17^0 + 24^2 = 41 + 60 + 70 + 170 + 242 \\
 583 &:= 4^1 + 6^0 + 8^0 + 16^0 + 24^2 = 41 + 60 + 80 + 160 + 242 \\
 583 &:= 4^1 + 6^0 + 9^0 + 15^0 + 24^2 = 41 + 60 + 90 + 150 + 242 \\
 583 &:= 4^1 + 7^0 + 10^0 + 13^0 + 24^2 = 41 + 70 + 100 + 130 + 242 \\
 583 &:= 4^1 + 7^0 + 11^0 + 12^0 + 24^2 = 41 + 70 + 110 + 120 + 242 \\
 583 &:= 4^1 + 7^0 + 7^0 + 16^0 + 24^2 = 41 + 70 + 70 + 160 + 242 \\
 583 &:= 4^1 + 7^0 + 8^0 + 15^0 + 24^2 = 41 + 70 + 80 + 150 + 242 \\
 583 &:= 4^1 + 7^0 + 9^0 + 14^0 + 24^2 = 41 + 70 + 90 + 140 + 242 \\
 583 &:= 4^1 + 8^0 + 10^0 + 12^0 + 24^2 = 41 + 80 + 100 + 120 + 242 \\
 583 &:= 4^1 + 8^0 + 11^0 + 11^0 + 24^2 = 41 + 80 + 110 + 110 + 242 \\
 583 &:= 4^1 + 8^0 + 8^0 + 14^0 + 24^2 = 41 + 80 + 80 + 140 + 242 \\
 583 &:= 4^1 + 8^0 + 9^0 + 13^0 + 24^2 = 41 + 80 + 90 + 130 + 242 \\
 583 &:= 4^1 + 9^0 + 10^0 + 11^0 + 24^2 = 41 + 90 + 100 + 110 + 242 \\
 583 &:= 4^1 + 9^0 + 9^0 + 12^0 + 24^2 = 41 + 90 + 90 + 120 + 242
 \end{aligned}$$

2.2.485 Number 584

$$\begin{aligned}
 584 &:= 1^1 + 6^1 + 24^2 + 27^0 = 11 + 61 + 242 + 270 \\
 584 &:= 2^1 + 5^1 + 24^2 + 27^0 = 21 + 51 + 242 + 270 \\
 584 &:= 3^1 + 4^1 + 24^2 + 27^0 = 31 + 41 + 242 + 270 \\
 584 &:= 1^0 + 1^1 + 5^1 + 24^2 + 27^0 = 10 + 11 + 51 + 242 + 270 \\
 584 &:= 1^0 + 2^1 + 4^1 + 24^2 + 27^0 = 10 + 21 + 41 + 242 + 270 \\
 584 &:= 1^0 + 3^1 + 3^1 + 24^2 + 27^0 = 10 + 31 + 31 + 242 + 270 \\
 584 &:= 1^1 + 2^0 + 5^1 + 24^2 + 26^0 = 11 + 20 + 51 + 242 + 260 \\
 584 &:= 1^1 + 3^0 + 5^1 + 24^2 + 25^0 = 11 + 30 + 51 + 242 + 250 \\
 584 &:= 1^1 + 4^0 + 5^1 + 24^0 + 24^2 = 11 + 40 + 51 + 240 + 242 \\
 584 &:= 1^1 + 5^0 + 5^1 + 23^0 + 24^2 = 11 + 50 + 51 + 230 + 242
 \end{aligned}$$

$$\begin{aligned}
 584 &:= 1^1 + 5^1 + 10^0 + 18^0 + 24^2 = 11 + 51 + 100 + 180 + 242 \\
 584 &:= 1^1 + 5^1 + 11^0 + 17^0 + 24^2 = 11 + 51 + 110 + 170 + 242 \\
 584 &:= 1^1 + 5^1 + 12^0 + 16^0 + 24^2 = 11 + 51 + 120 + 160 + 242 \\
 584 &:= 1^1 + 5^1 + 13^0 + 15^0 + 24^2 = 11 + 51 + 130 + 150 + 242 \\
 584 &:= 1^1 + 5^1 + 14^0 + 14^0 + 24^2 = 11 + 51 + 140 + 140 + 242 \\
 584 &:= 1^1 + 5^1 + 6^0 + 22^0 + 24^2 = 11 + 51 + 60 + 220 + 242 \\
 584 &:= 1^1 + 5^1 + 7^0 + 21^0 + 24^2 = 11 + 51 + 70 + 210 + 242 \\
 584 &:= 1^1 + 5^1 + 8^0 + 20^0 + 24^2 = 11 + 51 + 80 + 200 + 242 \\
 584 &:= 1^1 + 5^1 + 9^0 + 19^0 + 24^2 = 11 + 51 + 90 + 190 + 242 \\
 584 &:= 1^2 + 1^9 + 5^1 + 24^2 + 26^0 = 12 + 19 + 51 + 242 + 260
 \end{aligned}$$

$$\begin{aligned} 584 &:= 1^2 + 2^9 + 7^2 + 21^1 + 26^0 = 12 + 29 + 72 + 211 + 260 & 584 &:= 2^1 + 4^1 + 13^0 + 15^0 + 24^2 = 21 + 41 + 130 + 150 + 242 \\ 584 &:= 1^3 + 1^8 + 5^1 + 24^2 + 26^0 = 13 + 18 + 51 + 242 + 260 & 584 &:= 2^1 + 4^1 + 14^0 + 14^0 + 24^2 = 21 + 41 + 140 + 140 + 242 \\ 584 &:= 1^4 + 1^7 + 5^1 + 24^2 + 26^0 = 14 + 17 + 51 + 242 + 260 & 584 &:= 2^1 + 4^1 + 5^0 + 23^0 + 24^2 = 21 + 41 + 50 + 230 + 242 \\ 584 &:= 1^4 + 2^7 + 13^1 + 20^0 + 21^2 = 14 + 27 + 131 + 200 + 212 & 584 &:= 2^1 + 4^1 + 6^0 + 22^0 + 24^2 = 21 + 41 + 60 + 220 + 242 \\ 584 &:= 1^5 + 1^6 + 5^1 + 24^2 + 26^0 = 15 + 16 + 51 + 242 + 260 & 584 &:= 2^1 + 4^1 + 7^0 + 21^0 + 24^2 = 21 + 41 + 70 + 210 + 242 \\ 584 &:= 1^6 + 2^5 + 10^0 + 21^1 + 23^2 = 16 + 25 + 100 + 211 + 232 & 584 &:= 2^1 + 4^1 + 8^0 + 20^0 + 24^2 = 21 + 41 + 80 + 200 + 242 \\ 584 &:= 1^6 + 3^5 + 15^1 + 18^2 + 20^0 = 16 + 35 + 151 + 182 + 200 & 584 &:= 2^1 + 4^1 + 9^0 + 19^0 + 24^2 = 21 + 41 + 90 + 190 + 242 \\ 584 &:= 1^7 + 3^4 + 14^0 + 17^1 + 22^2 = 17 + 34 + 140 + 171 + 222 & 584 &:= 2^6 + 3^5 + 16^0 + 16^2 + 20^1 = 26 + 35 + 160 + 162 + 201 \\ 584 &:= 1^7 + 4^2 + 5^3 + 21^2 + 26^0 = 17 + 42 + 53 + 212 + 260 & 584 &:= 2^7 + 3^4 + 13^1 + 19^2 + 20^0 = 27 + 34 + 131 + 192 + 200 \\ 584 &:= 1^7 + 6^3 + 7^3 + 20^0 + 23^1 = 17 + 63 + 73 + 200 + 231 & 584 &:= 2^7 + 6^3 + 6^3 + 20^0 + 23^1 = 27 + 63 + 63 + 200 + 231 \\ 584 &:= 1^8 + 10^2 + 11^2 + 16^0 + 19^2 = 18 + 102 + 112 + 160 + 192 & 584 &:= 2^8 + 3^3 + 11^1 + 17^2 + 24^0 = 28 + 33 + 111 + 172 + 240 \\ 584 &:= 1^8 + 2^2 + 17^2 + 17^2 + 20^0 = 18 + 22 + 172 + 172 + 200 & 584 &:= 2^9 + 3^2 + 6^2 + 20^0 + 26^1 = 29 + 32 + 62 + 200 + 261 \\ 584 &:= 1^8 + 2^2 + 7^2 + 23^2 + 24^0 = 18 + 22 + 72 + 232 + 240 & 584 &:= 2^9 + 3^3 + 8^0 + 17^1 + 27^1 = 29 + 33 + 80 + 171 + 271 \\ 584 &:= 1^8 + 3^3 + 4^0 + 23^2 + 26^1 = 18 + 33 + 40 + 232 + 261 & 584 &:= 2^9 + 3^3 + 8^0 + 18^1 + 26^1 = 29 + 33 + 80 + 181 + 261 \\ 584 &:= 1^8 + 5^1 + 6^3 + 19^2 + 26^0 = 18 + 51 + 63 + 192 + 260 & 584 &:= 2^9 + 3^3 + 8^0 + 19^1 + 25^1 = 29 + 33 + 80 + 191 + 251 \\ 584 &:= 1^8 + 5^2 + 14^2 + 18^0 + 19^2 = 18 + 52 + 142 + 180 + 192 & 584 &:= 2^9 + 3^3 + 8^0 + 20^1 + 24^1 = 29 + 33 + 80 + 201 + 241 \\ 584 &:= 1^8 + 5^3 + 14^0 + 16^1 + 21^2 = 18 + 53 + 140 + 161 + 212 & 584 &:= 2^9 + 3^3 + 8^0 + 21^1 + 23^1 = 29 + 33 + 80 + 211 + 231 \\ 584 &:= 1^8 + 7^2 + 7^2 + 20^0 + 22^2 = 18 + 72 + 72 + 200 + 222 & 584 &:= 2^9 + 3^3 + 8^0 + 22^1 + 22^1 = 29 + 33 + 80 + 221 + 221 \\ 584 &:= 1^8 + 7^2 + 8^3 + 20^0 + 21^1 = 18 + 72 + 83 + 200 + 211 & 584 &:= 2^9 + 4^2 + 6^2 + 19^1 + 26^0 = 29 + 42 + 62 + 191 + 260 \\ 584 &:= 1^8 + 7^3 + 14^1 + 15^2 + 20^0 = 18 + 73 + 141 + 152 + 200 & 584 &:= 2^9 + 5^2 + 5^2 + 21^1 + 24^0 = 29 + 52 + 52 + 211 + 240 \\ 584 &:= 1^9 + 10^0 + 13^1 + 13^2 + 20^2 = 19 + 100 + 131 + 132 + 202 & 584 &:= 3^0 + 3^1 + 3^1 + 24^2 + 25^0 = 30 + 31 + 31 + 242 + 250 \\ 584 &:= 1^9 + 2^1 + 16^2 + 18^2 + 20^0 = 19 + 21 + 162 + 182 + 200 & 584 &:= 3^1 + 3^1 + 10^0 + 18^0 + 24^2 = 31 + 31 + 100 + 180 + 242 \\ 584 &:= 1^9 + 4^0 + 11^2 + 20^1 + 21^2 = 19 + 40 + 112 + 201 + 212 & 584 &:= 3^1 + 3^1 + 11^0 + 17^0 + 24^2 = 31 + 31 + 110 + 170 + 242 \\ 584 &:= 1^9 + 4^1 + 17^2 + 17^2 + 18^0 = 19 + 41 + 172 + 172 + 180 & 584 &:= 3^1 + 3^1 + 12^0 + 16^0 + 24^2 = 31 + 31 + 120 + 160 + 242 \\ 584 &:= 1^9 + 4^1 + 7^2 + 22^0 + 23^2 = 19 + 41 + 72 + 220 + 232 & 584 &:= 3^1 + 3^1 + 13^0 + 15^0 + 24^2 = 31 + 31 + 130 + 150 + 242 \\ 584 &:= 1^9 + 6^2 + 10^0 + 17^1 + 23^2 = 19 + 62 + 100 + 171 + 232 & 584 &:= 3^1 + 3^1 + 14^0 + 14^0 + 24^2 = 31 + 31 + 140 + 140 + 242 \\ 584 &:= 1^9 + 8^0 + 9^2 + 17^1 + 22^2 = 19 + 80 + 92 + 171 + 222 & 584 &:= 3^1 + 3^1 + 4^0 + 24^0 + 24^2 = 31 + 31 + 40 + 240 + 242 \\ 584 &:= 2^0 + 2^1 + 4^1 + 24^2 + 26^0 = 20 + 21 + 41 + 242 + 260 & 584 &:= 3^1 + 3^1 + 5^0 + 23^0 + 24^2 = 31 + 31 + 50 + 230 + 242 \\ 584 &:= 2^0 + 3^1 + 3^1 + 24^2 + 26^0 = 20 + 31 + 31 + 242 + 260 & 584 &:= 3^1 + 3^1 + 6^0 + 22^0 + 24^2 = 31 + 31 + 60 + 220 + 242 \\ 584 &:= 2^1 + 3^0 + 4^1 + 24^2 + 25^0 = 21 + 30 + 41 + 242 + 250 & 584 &:= 3^1 + 3^1 + 7^0 + 21^0 + 24^2 = 31 + 31 + 70 + 210 + 242 \\ 584 &:= 2^1 + 4^0 + 4^1 + 24^0 + 24^2 = 21 + 40 + 41 + 240 + 242 & 584 &:= 3^1 + 3^1 + 8^0 + 20^0 + 24^2 = 31 + 31 + 80 + 200 + 242 \\ 584 &:= 2^1 + 4^1 + 10^0 + 18^0 + 24^2 = 21 + 41 + 100 + 180 + 242 & 584 &:= 3^1 + 3^1 + 9^0 + 19^0 + 24^2 = 31 + 31 + 90 + 190 + 242 \\ 584 &:= 2^1 + 4^1 + 11^0 + 17^0 + 24^2 = 21 + 41 + 110 + 170 + 242 \\ 584 &:= 2^1 + 4^1 + 12^0 + 16^0 + 24^2 = 21 + 41 + 120 + 160 + 242 \end{aligned}$$

2.2.486 Number 585

$585 := 2^3 + 24^2 + 32^0$	$= 23 + 242 + 320$	$585 := 1^3 + 2^9 + 7^2 + 22^1 + 25^0$	$= 13 + 29 + 72 + 221 + 250$
$585 := 1^2 + 7^1 + 24^2 + 26^0$	$= 12 + 71 + 242 + 260$	$585 := 1^4 + 1^8 + 6^1 + 24^2 + 25^0$	$= 14 + 18 + 61 + 242 + 250$
$585 := 1^8 + 3^3 + 8^3 + 45^1$	$= 18 + 33 + 83 + 451$	$585 := 1^5 + 1^7 + 6^1 + 24^2 + 25^0$	$= 15 + 17 + 61 + 242 + 250$
$585 := 10^0 + 13^2 + 15^1 + 20^2$	$= 100 + 132 + 151 + 202$	$585 := 1^5 + 2^5 + 13^2 + 19^2 + 22^1$	$= 15 + 25 + 132 + 192 + 221$
$585 := 2^2 + 4^1 + 24^2 + 28^0$	$= 22 + 41 + 242 + 280$	$585 := 1^5 + 2^7 + 14^1 + 19^0 + 21^2$	$= 15 + 27 + 141 + 190 + 212$
$585 := 2^3 + 2^9 + 4^2 + 49^1$	$= 23 + 29 + 42 + 491$	$585 := 1^6 + 1^6 + 6^1 + 24^2 + 25^0$	$= 16 + 16 + 61 + 242 + 250$
$585 := 2^3 + 2^9 + 4^3 + 49^0$	$= 23 + 29 + 43 + 490$	$585 := 1^6 + 3^4 + 15^2 + 16^2 + 22^1$	$= 16 + 34 + 152 + 162 + 221$
$585 := 2^5 + 2^9 + 13^0 + 40^1$	$= 25 + 29 + 130 + 401$	$585 := 1^6 + 3^4 + 6^2 + 21^2 + 26^1$	$= 16 + 34 + 62 + 212 + 261$
$585 := 4^0 + 11^2 + 21^2 + 22^1$	$= 40 + 112 + 212 + 221$	$585 := 1^6 + 3^5 + 12^2 + 14^2 + 27^0$	$= 16 + 35 + 122 + 142 + 270$
$585 := 4^1 + 16^2 + 18^2 + 20^0$	$= 41 + 162 + 182 + 200$	$585 := 1^7 + 2^5 + 9^0 + 22^1 + 23^2$	$= 17 + 25 + 90 + 221 + 232$
$585 := 6^1 + 17^2 + 17^2 + 18^0$	$= 61 + 172 + 172 + 180$	$585 := 1^7 + 3^2 + 4^3 + 22^2 + 27^1$	$= 17 + 32 + 43 + 222 + 271$
$585 := 6^1 + 7^2 + 22^0 + 23^2$	$= 61 + 72 + 220 + 232$	$585 := 1^7 + 3^3 + 3^3 + 23^2 + 27^0$	$= 17 + 33 + 33 + 232 + 270$
$585 := 6^2 + 10^0 + 19^1 + 23^2$	$= 62 + 100 + 191 + 232$	$585 := 1^7 + 3^3 + 7^2 + 22^2 + 24^1$	$= 17 + 33 + 72 + 222 + 241$
$585 := 8^0 + 9^2 + 19^1 + 22^2$	$= 80 + 92 + 191 + 222$	$585 := 1^7 + 3^3 + 8^3 + 18^1 + 27^1$	$= 17 + 33 + 83 + 181 + 271$
$585 := 1^0 + 1^2 + 6^1 + 24^2 + 26^0$	$= 10 + 12 + 61 + 242 + 260$	$585 := 1^7 + 3^3 + 8^3 + 19^1 + 26^1$	$= 17 + 33 + 83 + 191 + 261$
$585 := 1^0 + 10^0 + 13^2 + 14^1 + 20^2$	$= 10 + 100 + 132 + 141 + 202$	$585 := 1^7 + 3^3 + 8^3 + 20^1 + 25^1$	$= 17 + 33 + 83 + 201 + 251$
$585 := 1^0 + 3^1 + 16^2 + 18^2 + 20^0$	$= 10 + 31 + 162 + 182 + 200$	$585 := 1^7 + 3^3 + 8^3 + 21^1 + 24^1$	$= 17 + 33 + 83 + 211 + 241$
$585 := 1^0 + 4^0 + 11^2 + 21^1 + 21^2$	$= 10 + 40 + 112 + 211 + 212$	$585 := 1^7 + 3^3 + 8^3 + 22^1 + 23^1$	$= 17 + 33 + 83 + 221 + 231$
$585 := 1^0 + 5^1 + 17^2 + 17^2 + 18^0$	$= 10 + 51 + 172 + 172 + 180$	$585 := 1^7 + 3^5 + 16^1 + 18^2 + 19^0$	$= 17 + 35 + 161 + 182 + 190$
$585 := 1^0 + 5^1 + 7^2 + 22^0 + 23^2$	$= 10 + 51 + 72 + 220 + 232$	$585 := 1^8 + 10^2 + 12^2 + 16^1 + 18^2$	$= 18 + 102 + 122 + 161 + 182$
$585 := 1^0 + 6^2 + 10^0 + 18^1 + 23^2$	$= 10 + 62 + 100 + 181 + 232$	$585 := 1^8 + 12^2 + 13^2 + 15^1 + 16^2$	$= 18 + 122 + 132 + 151 + 162$
$585 := 1^0 + 8^0 + 9^2 + 18^1 + 22^2$	$= 10 + 80 + 92 + 181 + 222$	$585 := 1^8 + 2^2 + 5^2 + 23^2 + 26^1$	$= 18 + 22 + 52 + 232 + 261$
$585 := 1^1 + 1^1 + 6^1 + 24^2 + 26^0$	$= 11 + 11 + 61 + 242 + 260$	$585 := 1^8 + 3^4 + 13^0 + 18^1 + 22^2$	$= 18 + 34 + 130 + 181 + 222$
$585 := 1^1 + 2^1 + 5^1 + 24^2 + 26^0$	$= 11 + 21 + 51 + 242 + 260$	$585 := 1^8 + 4^2 + 15^2 + 18^2 + 19^1$	$= 18 + 42 + 152 + 182 + 191$
$585 := 1^1 + 3^1 + 4^1 + 24^2 + 26^0$	$= 11 + 31 + 41 + 242 + 260$	$585 := 1^8 + 5^3 + 13^2 + 17^2 + 21^0$	$= 18 + 53 + 132 + 172 + 210$
$585 := 1^2 + 2^0 + 6^1 + 24^2 + 25^0$	$= 12 + 20 + 61 + 242 + 250$	$585 := 1^8 + 6^2 + 13^2 + 18^1 + 19^2$	$= 18 + 62 + 132 + 181 + 192$
$585 := 1^2 + 3^0 + 6^1 + 24^0 + 24^2$	$= 12 + 30 + 61 + 240 + 242$	$585 := 1^8 + 6^3 + 7^3 + 19^0 + 24^1$	$= 18 + 63 + 73 + 190 + 241$
$585 := 1^2 + 4^0 + 6^1 + 23^0 + 24^2$	$= 12 + 40 + 61 + 230 + 242$	$585 := 1^9 + 3^0 + 3^3 + 23^2 + 27^1$	$= 19 + 30 + 33 + 232 + 271$
$585 := 1^2 + 5^0 + 6^1 + 22^0 + 24^2$	$= 12 + 50 + 61 + 220 + 242$	$585 := 1^9 + 5^3 + 13^0 + 17^1 + 21^2$	$= 19 + 53 + 130 + 171 + 212$
$585 := 1^2 + 6^0 + 6^1 + 21^0 + 24^2$	$= 12 + 60 + 61 + 210 + 242$	$585 := 1^9 + 6^1 + 6^3 + 19^2 + 25^0$	$= 19 + 61 + 63 + 192 + 250$
$585 := 1^2 + 6^1 + 10^0 + 17^0 + 24^2$	$= 12 + 61 + 100 + 170 + 242$	$585 := 1^9 + 7^2 + 8^3 + 19^0 + 22^1$	$= 19 + 72 + 83 + 190 + 221$
$585 := 1^2 + 6^1 + 11^0 + 16^0 + 24^2$	$= 12 + 61 + 110 + 160 + 242$	$585 := 1^9 + 7^3 + 15^1 + 15^2 + 19^0$	$= 19 + 73 + 151 + 152 + 190$
$585 := 1^2 + 6^1 + 12^0 + 15^0 + 24^2$	$= 12 + 61 + 120 + 150 + 242$	$585 := 2^0 + 2^2 + 3^1 + 24^2 + 27^0$	$= 20 + 22 + 31 + 242 + 270$
$585 := 1^2 + 6^1 + 13^0 + 14^0 + 24^2$	$= 12 + 61 + 130 + 140 + 242$	$585 := 2^0 + 3^0 + 11^2 + 21^1 + 21^2$	$= 20 + 30 + 112 + 211 + 212$
$585 := 1^2 + 6^1 + 7^0 + 20^0 + 24^2$	$= 12 + 61 + 70 + 200 + 242$	$585 := 2^0 + 3^1 + 16^2 + 18^2 + 19^0$	$= 20 + 31 + 162 + 182 + 190$
$585 := 1^2 + 6^1 + 8^0 + 19^0 + 24^2$	$= 12 + 61 + 80 + 190 + 242$	$585 := 2^0 + 5^1 + 17^0 + 17^2 + 17^2$	$= 20 + 51 + 170 + 172 + 172$
$585 := 1^2 + 6^1 + 9^0 + 18^0 + 24^2$	$= 12 + 61 + 90 + 180 + 242$	$585 := 2^0 + 5^1 + 7^2 + 21^0 + 23^2$	$= 20 + 51 + 72 + 210 + 232$
$585 := 1^3 + 1^9 + 6^1 + 24^2 + 25^0$	$= 13 + 19 + 61 + 242 + 250$	$585 := 2^0 + 6^2 + 9^0 + 18^1 + 23^2$	$= 20 + 62 + 90 + 181 + 232$

$$\begin{aligned}
 585 &:= 2^0 + 7^0 + 9^2 + 18^1 + 22^2 = 20 + 70 + 92 + 181 + 222 & 585 &:= 2^9 + 3^3 + 5^2 + 20^1 + 27^0 = 29 + 33 + 52 + 201 + 270 \\
 585 &:= 2^0 + 9^0 + 13^2 + 14^1 + 20^2 = 20 + 90 + 132 + 141 + 202 & 585 &:= 3^0 + 3^1 + 16^2 + 18^0 + 18^2 = 30 + 31 + 162 + 180 + 182 \\
 585 &:= 2^1 + 2^1 + 4^1 + 24^2 + 26^0 = 21 + 21 + 41 + 242 + 260 & 585 &:= 3^0 + 5^1 + 16^0 + 17^2 + 17^2 = 30 + 51 + 160 + 172 + 172 \\
 585 &:= 2^1 + 3^1 + 3^1 + 24^2 + 26^0 = 21 + 31 + 31 + 242 + 260 & 585 &:= 3^0 + 5^1 + 7^2 + 20^0 + 23^2 = 30 + 51 + 72 + 200 + 232 \\
 585 &:= 2^2 + 3^0 + 3^1 + 24^2 + 26^0 = 22 + 30 + 31 + 242 + 260 & 585 &:= 3^0 + 6^0 + 9^2 + 18^1 + 22^2 = 30 + 60 + 92 + 181 + 222 \\
 585 &:= 2^2 + 3^1 + 10^0 + 19^0 + 24^2 = 22 + 31 + 100 + 190 + 242 & 585 &:= 3^0 + 6^2 + 8^0 + 18^1 + 23^2 = 30 + 62 + 80 + 181 + 232 \\
 585 &:= 2^2 + 3^1 + 11^0 + 18^0 + 24^2 = 22 + 31 + 110 + 180 + 242 & 585 &:= 3^0 + 8^0 + 13^2 + 14^1 + 20^2 = 30 + 80 + 132 + 141 + 202 \\
 585 &:= 2^2 + 3^1 + 12^0 + 17^0 + 24^2 = 22 + 31 + 120 + 170 + 242 & 585 &:= 3^1 + 10^0 + 11^0 + 16^2 + 18^2 = 31 + 100 + 110 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 13^0 + 16^0 + 24^2 = 22 + 31 + 130 + 160 + 242 & 585 &:= 3^1 + 4^0 + 16^2 + 17^0 + 18^2 = 31 + 40 + 162 + 170 + 182 \\
 585 &:= 2^2 + 3^1 + 14^0 + 15^0 + 24^2 = 22 + 31 + 140 + 150 + 242 & 585 &:= 3^1 + 5^0 + 16^0 + 16^2 + 18^2 = 31 + 50 + 160 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 4^0 + 24^2 + 25^0 = 22 + 31 + 40 + 242 + 250 & 585 &:= 3^1 + 6^0 + 15^0 + 16^2 + 18^2 = 31 + 60 + 150 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 5^0 + 24^0 + 24^2 = 22 + 31 + 50 + 240 + 242 & 585 &:= 3^1 + 7^0 + 14^0 + 16^2 + 18^2 = 31 + 70 + 140 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 6^0 + 23^0 + 24^2 = 22 + 31 + 60 + 230 + 242 & 585 &:= 3^1 + 8^0 + 13^0 + 16^2 + 18^2 = 31 + 80 + 130 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 7^0 + 22^0 + 24^2 = 22 + 31 + 70 + 220 + 242 & 585 &:= 3^1 + 9^0 + 12^0 + 16^2 + 18^2 = 31 + 90 + 120 + 162 + 182 \\
 585 &:= 2^2 + 3^1 + 8^0 + 21^0 + 24^2 = 22 + 31 + 80 + 210 + 242 & 585 &:= 4^0 + 5^0 + 9^2 + 18^1 + 22^2 = 40 + 50 + 92 + 181 + 222 \\
 585 &:= 2^2 + 3^1 + 9^0 + 20^0 + 24^2 = 22 + 31 + 90 + 200 + 242 & 585 &:= 4^0 + 5^1 + 15^0 + 17^2 + 17^2 = 40 + 51 + 150 + 172 + 172 \\
 585 &:= 2^3 + 2^7 + 10^2 + 18^2 + 25^1 = 23 + 27 + 102 + 182 + 251 & 585 &:= 4^0 + 5^1 + 7^2 + 19^0 + 23^2 = 40 + 51 + 72 + 190 + 232 \\
 585 &:= 2^3 + 2^7 + 13^2 + 16^2 + 24^1 = 23 + 27 + 132 + 162 + 241 & 585 &:= 4^0 + 6^2 + 7^0 + 18^1 + 23^2 = 40 + 62 + 70 + 181 + 232 \\
 585 &:= 2^4 + 2^6 + 11^2 + 19^2 + 23^1 = 24 + 26 + 112 + 192 + 231 & 585 &:= 4^0 + 7^0 + 13^2 + 14^1 + 20^2 = 40 + 70 + 132 + 141 + 202 \\
 585 &:= 2^4 + 2^6 + 9^2 + 20^2 + 24^1 = 24 + 26 + 92 + 202 + 241 & 585 &:= 5^0 + 5^1 + 14^0 + 17^2 + 17^2 = 50 + 51 + 140 + 172 + 172 \\
 585 &:= 2^4 + 2^8 + 13^0 + 17^2 + 23^1 = 24 + 28 + 130 + 172 + 231 & 585 &:= 5^0 + 5^1 + 7^2 + 18^0 + 23^2 = 50 + 51 + 72 + 180 + 232 \\
 585 &:= 2^5 + 2^7 + 9^0 + 20^2 + 24^1 = 25 + 27 + 90 + 202 + 241 & 585 &:= 5^0 + 6^0 + 13^2 + 14^1 + 20^2 = 50 + 60 + 132 + 141 + 202 \\
 585 &:= 2^6 + 2^6 + 15^1 + 17^0 + 21^2 = 26 + 26 + 151 + 170 + 212 & 585 &:= 5^0 + 6^0 + 6^2 + 18^1 + 23^2 = 50 + 60 + 62 + 181 + 232 \\
 585 &:= 2^7 + 3^3 + 9^2 + 18^2 + 25^1 = 27 + 33 + 92 + 182 + 251 & 585 &:= 5^1 + 6^0 + 13^0 + 17^2 + 17^2 = 51 + 60 + 130 + 172 + 172 \\
 585 &:= 2^7 + 3^5 + 14^2 + 17^1 + 21^0 = 27 + 35 + 142 + 171 + 210 & 585 &:= 5^1 + 6^0 + 7^2 + 17^0 + 23^2 = 51 + 60 + 72 + 170 + 232 \\
 585 &:= 2^7 + 4^3 + 12^2 + 15^2 + 24^1 = 27 + 43 + 122 + 152 + 241 & 585 &:= 5^1 + 7^0 + 12^0 + 17^2 + 17^2 = 51 + 70 + 120 + 172 + 172 \\
 585 &:= 2^7 + 5^3 + 7^2 + 16^2 + 27^1 = 27 + 53 + 72 + 162 + 271 & 585 &:= 5^1 + 7^0 + 7^2 + 16^0 + 23^2 = 51 + 70 + 72 + 160 + 232 \\
 585 &:= 2^7 + 5^3 + 9^2 + 15^2 + 26^1 = 27 + 53 + 92 + 152 + 261 & 585 &:= 5^1 + 7^2 + 10^0 + 13^0 + 23^2 = 51 + 72 + 100 + 130 + 232 \\
 585 &:= 2^8 + 3^4 + 15^0 + 15^2 + 22^1 = 28 + 34 + 150 + 152 + 221 & 585 &:= 5^1 + 7^2 + 11^0 + 12^0 + 23^2 = 51 + 72 + 110 + 120 + 232 \\
 585 &:= 2^8 + 4^4 + 7^2 + 21^0 + 23^1 = 28 + 44 + 72 + 210 + 231 & 585 &:= 5^1 + 7^2 + 8^0 + 15^0 + 23^2 = 51 + 72 + 80 + 150 + 232 \\
 585 &:= 2^8 + 5^2 + 9^2 + 14^2 + 27^1 = 28 + 52 + 92 + 142 + 271 & 585 &:= 5^1 + 7^2 + 9^0 + 14^0 + 23^2 = 51 + 72 + 90 + 140 + 232 \\
 585 &:= 2^9 + 3^2 + 4^2 + 21^1 + 27^1 = 29 + 32 + 42 + 211 + 271 & 585 &:= 5^1 + 8^0 + 11^0 + 17^2 + 17^2 = 51 + 80 + 110 + 172 + 172 \\
 585 &:= 2^9 + 3^2 + 4^2 + 22^1 + 26^1 = 29 + 32 + 42 + 221 + 261 & 585 &:= 5^1 + 9^0 + 10^0 + 17^2 + 17^2 = 51 + 90 + 100 + 172 + 172 \\
 585 &:= 2^9 + 3^2 + 4^2 + 23^1 + 25^1 = 29 + 32 + 42 + 231 + 251 & & \\
 585 &:= 2^9 + 3^2 + 4^2 + 24^1 + 24^1 = 29 + 32 + 42 + 241 + 241 & &
 \end{aligned}$$

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$586 := 1^1 + 2^3 + 24^2 + 31^0$	$= 11 + 23 + 242 + 310$	$586 := 1^3 + 5^0 + 7^1 + 21^0 + 24^2$	$= 13 + 50 + 71 + 210 + 242$
$586 := 1^2 + 10^2 + 22^2 + 25^0$	$= 12 + 102 + 222 + 250$	$586 := 1^3 + 6^0 + 7^1 + 20^0 + 24^2$	$= 13 + 60 + 71 + 200 + 242$
$586 := 1^3 + 8^1 + 24^2 + 25^0$	$= 13 + 81 + 242 + 250$	$586 := 1^3 + 7^0 + 7^1 + 19^0 + 24^2$	$= 13 + 70 + 71 + 190 + 242$
$586 := 10^2 + 14^2 + 17^0 + 17^2$	$= 102 + 142 + 170 + 172$	$586 := 1^3 + 7^1 + 10^0 + 16^0 + 24^2$	$= 13 + 71 + 100 + 160 + 242$
$586 := 2^6 + 2^9 + 9^1 + 44^0$	$= 26 + 29 + 91 + 440$	$586 := 1^3 + 7^1 + 11^0 + 15^0 + 24^2$	$= 13 + 71 + 110 + 150 + 242$
$586 := 3^0 + 3^3 + 23^2 + 29^1$	$= 30 + 33 + 232 + 291$	$586 := 1^3 + 7^1 + 12^0 + 14^0 + 24^2$	$= 13 + 71 + 120 + 140 + 242$
$586 := 4^2 + 13^2 + 20^2 + 21^0$	$= 42 + 132 + 202 + 210$	$586 := 1^3 + 7^1 + 13^0 + 13^0 + 24^2$	$= 13 + 71 + 130 + 130 + 242$
$586 := 5^3 + 13^0 + 19^1 + 21^2$	$= 53 + 130 + 191 + 212$	$586 := 1^3 + 7^1 + 8^0 + 18^0 + 24^2$	$= 13 + 71 + 80 + 180 + 242$
$586 := 6^2 + 15^2 + 18^2 + 19^0$	$= 62 + 152 + 182 + 190$	$586 := 1^3 + 7^1 + 9^0 + 17^0 + 24^2$	$= 13 + 71 + 90 + 170 + 242$
$586 := 6^2 + 7^0 + 8^3 + 37^1$	$= 62 + 70 + 83 + 371$	$586 := 1^4 + 1^9 + 7^1 + 24^0 + 24^2$	$= 14 + 19 + 71 + 240 + 242$
$586 := 6^3 + 8^1 + 19^2 + 25^0$	$= 63 + 81 + 192 + 250$	$586 := 1^4 + 2^9 + 7^2 + 23^1 + 24^0$	$= 14 + 29 + 72 + 231 + 240$
$586 := 7^2 + 8^3 + 19^0 + 24^1$	$= 72 + 83 + 190 + 241$	$586 := 1^5 + 1^8 + 7^1 + 24^0 + 24^2$	$= 15 + 18 + 71 + 240 + 242$
$586 := 7^3 + 15^2 + 17^1 + 19^0$	$= 73 + 152 + 171 + 190$	$586 := 1^6 + 1^7 + 7^1 + 24^0 + 24^2$	$= 16 + 17 + 71 + 240 + 242$
$586 := 8^2 + 11^2 + 19^0 + 20^2$	$= 82 + 112 + 190 + 202$	$586 := 1^6 + 2^6 + 14^2 + 18^2 + 22^0$	$= 16 + 26 + 142 + 182 + 220$
$586 := 8^2 + 8^3 + 9^1 + 33^0$	$= 82 + 83 + 91 + 330$	$586 := 1^6 + 2^6 + 6^2 + 22^2 + 26^0$	$= 16 + 26 + 62 + 222 + 260$
$586 := 1^0 + 1^3 + 7^1 + 24^2 + 25^0$	$= 10 + 13 + 71 + 242 + 250$	$586 := 1^6 + 2^7 + 15^1 + 18^0 + 21^2$	$= 16 + 27 + 151 + 180 + 212$
$586 := 1^0 + 2^2 + 16^2 + 18^2 + 21^0$	$= 10 + 22 + 162 + 182 + 210$	$586 := 1^8 + 2^5 + 8^0 + 23^1 + 23^2$	$= 18 + 25 + 80 + 231 + 232$
$586 := 1^0 + 5^3 + 13^0 + 18^1 + 21^2$	$= 10 + 53 + 130 + 181 + 212$	$586 := 1^8 + 3^5 + 17^1 + 18^0 + 18^2$	$= 18 + 35 + 171 + 180 + 182$
$586 := 1^0 + 6^2 + 8^2 + 21^0 + 22^2$	$= 10 + 62 + 82 + 210 + 222$	$586 := 1^9 + 3^3 + 14^2 + 19^2 + 20^0$	$= 19 + 33 + 142 + 192 + 200$
$586 := 1^0 + 6^3 + 7^1 + 19^2 + 25^0$	$= 10 + 63 + 71 + 192 + 250$	$586 := 1^9 + 3^4 + 12^0 + 19^1 + 22^2$	$= 19 + 34 + 120 + 191 + 222$
$586 := 1^0 + 7^2 + 8^3 + 19^0 + 23^1$	$= 10 + 72 + 83 + 190 + 231$	$586 := 1^9 + 4^3 + 14^2 + 18^2 + 20^0$	$= 19 + 43 + 142 + 182 + 200$
$586 := 1^0 + 7^3 + 15^2 + 16^1 + 19^0$	$= 10 + 73 + 152 + 161 + 190$	$586 := 1^9 + 4^3 + 6^2 + 22^2 + 24^0$	$= 19 + 43 + 62 + 222 + 240$
$586 := 1^0 + 8^2 + 14^2 + 17^0 + 18^2$	$= 10 + 82 + 142 + 170 + 182$	$586 := 1^9 + 6^3 + 7^3 + 18^0 + 25^1$	$= 19 + 63 + 73 + 180 + 251$
$586 := 1^1 + 1^2 + 7^1 + 24^2 + 25^0$	$= 11 + 12 + 71 + 242 + 250$	$586 := 2^0 + 2^2 + 16^2 + 18^2 + 20^0$	$= 20 + 22 + 162 + 182 + 200$
$586 := 1^1 + 2^2 + 4^1 + 24^2 + 27^0$	$= 11 + 22 + 41 + 242 + 270$	$586 := 2^0 + 5^3 + 12^0 + 18^1 + 21^2$	$= 20 + 53 + 120 + 181 + 212$
$586 := 1^1 + 3^0 + 11^2 + 21^2 + 22^1$	$= 11 + 30 + 112 + 212 + 221$	$586 := 2^0 + 6^2 + 8^2 + 20^0 + 22^2$	$= 20 + 62 + 82 + 200 + 222$
$586 := 1^1 + 4^1 + 16^2 + 18^2 + 19^0$	$= 11 + 41 + 162 + 182 + 190$	$586 := 2^0 + 6^3 + 7^1 + 19^2 + 24^0$	$= 20 + 63 + 71 + 192 + 240$
$586 := 1^1 + 6^1 + 17^0 + 17^2 + 17^2$	$= 11 + 61 + 170 + 172 + 172$	$586 := 2^0 + 7^2 + 8^3 + 18^0 + 23^1$	$= 20 + 72 + 83 + 180 + 231$
$586 := 1^1 + 6^1 + 7^2 + 21^0 + 23^2$	$= 11 + 61 + 72 + 210 + 232$	$586 := 2^0 + 7^3 + 15^2 + 16^1 + 18^0$	$= 20 + 73 + 152 + 161 + 180$
$586 := 1^1 + 6^2 + 9^0 + 19^1 + 23^2$	$= 11 + 62 + 90 + 191 + 232$	$586 := 2^0 + 8^2 + 14^2 + 16^0 + 18^2$	$= 20 + 82 + 142 + 160 + 182$
$586 := 1^1 + 7^0 + 9^2 + 19^1 + 22^2$	$= 11 + 70 + 92 + 191 + 222$	$586 := 2^1 + 2^2 + 3^1 + 24^2 + 27^0$	$= 21 + 22 + 31 + 242 + 270$
$586 := 1^1 + 9^0 + 13^2 + 15^1 + 20^2$	$= 11 + 90 + 132 + 151 + 202$	$586 := 2^1 + 3^0 + 11^2 + 21^1 + 21^2$	$= 21 + 30 + 112 + 211 + 212$
$586 := 1^2 + 2^1 + 6^1 + 24^2 + 25^0$	$= 12 + 21 + 61 + 242 + 250$	$586 := 2^1 + 3^1 + 16^2 + 18^2 + 19^0$	$= 21 + 31 + 162 + 182 + 190$
$586 := 1^2 + 3^1 + 5^1 + 24^2 + 25^0$	$= 12 + 31 + 51 + 242 + 250$	$586 := 2^1 + 5^1 + 17^0 + 17^2 + 17^2$	$= 21 + 51 + 170 + 172 + 172$
$586 := 1^2 + 4^1 + 4^1 + 24^2 + 25^0$	$= 12 + 41 + 41 + 242 + 250$	$586 := 2^1 + 5^1 + 7^2 + 21^0 + 23^2$	$= 21 + 51 + 72 + 210 + 232$
$586 := 1^3 + 2^0 + 7^1 + 24^0 + 24^2$	$= 13 + 20 + 71 + 240 + 242$	$586 := 2^1 + 6^2 + 9^0 + 18^1 + 23^2$	$= 21 + 62 + 90 + 181 + 232$
$586 := 1^3 + 3^0 + 7^1 + 23^0 + 24^2$	$= 13 + 30 + 71 + 230 + 242$	$586 := 2^1 + 7^0 + 9^2 + 18^1 + 22^2$	$= 21 + 70 + 92 + 181 + 222$
$586 := 1^3 + 4^0 + 7^1 + 22^0 + 24^2$	$= 13 + 40 + 71 + 220 + 242$	$586 := 2^1 + 9^0 + 13^2 + 14^1 + 20^2$	$= 21 + 90 + 132 + 141 + 202$

$$\begin{aligned} 586 &:= 2^2 + 10^0 + 12^0 + 16^2 + 18^2 = 22 + 100 + 120 + 162 + 182 & 586 &:= 2^8 + 3^5 + 8^2 + 22^0 + 22^1 = 28 + 35 + 82 + 220 + 221 \\ 586 &:= 2^2 + 11^0 + 11^0 + 16^2 + 18^2 = 22 + 110 + 110 + 162 + 182 & 586 &:= 3^0 + 10^1 + 11^2 + 13^1 + 21^2 = 30 + 101 + 112 + 131 + 212 \\ 586 &:= 2^2 + 2^2 + 10^0 + 20^0 + 24^2 = 22 + 22 + 100 + 200 + 242 & 586 &:= 3^0 + 11^1 + 11^2 + 12^1 + 21^2 = 30 + 111 + 112 + 121 + 212 \\ 586 &:= 2^2 + 2^2 + 11^0 + 19^0 + 24^2 = 22 + 22 + 110 + 190 + 242 & 586 &:= 3^0 + 3^1 + 11^2 + 20^1 + 21^2 = 30 + 31 + 112 + 201 + 212 \\ 586 &:= 2^2 + 2^2 + 12^0 + 18^0 + 24^2 = 22 + 22 + 120 + 180 + 242 & 586 &:= 3^0 + 4^1 + 11^2 + 19^1 + 21^2 = 30 + 41 + 112 + 191 + 212 \\ 586 &:= 2^2 + 2^2 + 13^0 + 17^0 + 24^2 = 22 + 22 + 130 + 170 + 242 & 586 &:= 3^0 + 5^1 + 11^2 + 18^1 + 21^2 = 30 + 51 + 112 + 181 + 212 \\ 586 &:= 2^2 + 2^2 + 14^0 + 16^0 + 24^2 = 22 + 22 + 140 + 160 + 242 & 586 &:= 3^0 + 5^3 + 11^0 + 18^1 + 21^2 = 30 + 53 + 110 + 181 + 212 \\ 586 &:= 2^2 + 2^2 + 15^0 + 15^0 + 24^2 = 22 + 22 + 150 + 150 + 242 & 586 &:= 3^0 + 6^1 + 11^2 + 17^1 + 21^2 = 30 + 61 + 112 + 171 + 212 \\ 586 &:= 2^2 + 2^2 + 3^0 + 24^2 + 27^0 = 22 + 22 + 30 + 242 + 270 & 586 &:= 3^0 + 6^2 + 8^2 + 19^0 + 22^2 = 30 + 62 + 82 + 190 + 222 \\ 586 &:= 2^2 + 2^2 + 4^0 + 24^2 + 26^0 = 22 + 22 + 40 + 242 + 260 & 586 &:= 3^0 + 6^3 + 7^1 + 19^2 + 23^0 = 30 + 63 + 71 + 192 + 230 \\ 586 &:= 2^2 + 2^2 + 5^0 + 24^2 + 25^0 = 22 + 22 + 50 + 242 + 250 & 586 &:= 3^0 + 7^1 + 11^2 + 16^1 + 21^2 = 30 + 71 + 112 + 161 + 212 \\ 586 &:= 2^2 + 2^2 + 6^0 + 24^0 + 24^2 = 22 + 22 + 60 + 240 + 242 & 586 &:= 3^0 + 7^2 + 8^3 + 17^0 + 23^1 = 30 + 72 + 83 + 170 + 231 \\ 586 &:= 2^2 + 2^2 + 7^0 + 23^0 + 24^2 = 22 + 22 + 70 + 230 + 242 & 586 &:= 3^0 + 7^3 + 15^2 + 16^1 + 17^0 = 30 + 73 + 152 + 161 + 170 \\ 586 &:= 2^2 + 2^2 + 8^0 + 22^0 + 24^2 = 22 + 22 + 80 + 220 + 242 & 586 &:= 3^0 + 8^1 + 11^2 + 15^1 + 21^2 = 30 + 81 + 112 + 151 + 212 \\ 586 &:= 2^2 + 2^2 + 9^0 + 21^0 + 24^2 = 22 + 22 + 90 + 210 + 242 & 586 &:= 3^0 + 8^2 + 14^2 + 15^0 + 18^2 = 30 + 82 + 142 + 150 + 182 \\ 586 &:= 2^2 + 3^0 + 16^2 + 18^2 + 19^0 = 22 + 30 + 162 + 182 + 190 & 586 &:= 3^0 + 9^1 + 11^2 + 14^1 + 21^2 = 30 + 91 + 112 + 141 + 212 \\ 586 &:= 2^2 + 4^0 + 16^2 + 18^0 + 18^2 = 22 + 40 + 162 + 180 + 182 & 586 &:= 3^1 + 4^1 + 17^0 + 17^2 + 17^2 = 31 + 41 + 170 + 172 + 172 \\ 586 &:= 2^2 + 5^0 + 16^2 + 17^0 + 18^2 = 22 + 50 + 162 + 170 + 182 & 586 &:= 3^1 + 4^1 + 7^2 + 21^0 + 23^2 = 31 + 41 + 72 + 210 + 232 \\ 586 &:= 2^2 + 6^0 + 16^0 + 16^2 + 18^2 = 22 + 60 + 160 + 162 + 182 & 586 &:= 3^1 + 6^2 + 9^0 + 17^1 + 23^2 = 31 + 62 + 90 + 171 + 232 \\ 586 &:= 2^2 + 7^0 + 15^0 + 16^2 + 18^2 = 22 + 70 + 150 + 162 + 182 & 586 &:= 3^1 + 7^0 + 9^2 + 17^1 + 22^2 = 31 + 70 + 92 + 171 + 222 \\ 586 &:= 2^2 + 8^0 + 14^0 + 16^2 + 18^2 = 22 + 80 + 140 + 162 + 182 & 586 &:= 3^1 + 9^0 + 13^1 + 13^2 + 20^2 = 31 + 90 + 131 + 132 + 202 \\ 586 &:= 2^2 + 9^0 + 13^0 + 16^2 + 18^2 = 22 + 90 + 130 + 162 + 182 & 586 &:= 4^0 + 5^3 + 10^0 + 18^1 + 21^2 = 40 + 53 + 100 + 181 + 212 \\ 586 &:= 2^4 + 2^9 + 6^2 + 21^1 + 26^0 = 24 + 29 + 62 + 211 + 260 & 586 &:= 4^0 + 6^2 + 8^2 + 18^0 + 22^2 = 40 + 62 + 82 + 180 + 222 \\ 586 &:= 2^5 + 2^7 + 13^2 + 16^2 + 24^0 = 25 + 27 + 132 + 162 + 240 & 586 &:= 4^0 + 6^3 + 7^1 + 19^2 + 22^0 = 40 + 63 + 71 + 192 + 220 \\ 586 &:= 2^5 + 2^7 + 8^2 + 19^2 + 26^0 = 25 + 27 + 82 + 192 + 260 & 586 &:= 4^0 + 7^2 + 8^3 + 16^0 + 23^1 = 40 + 72 + 83 + 160 + 231 \\ 586 &:= 2^5 + 2^9 + 12^0 + 14^1 + 27^1 = 25 + 29 + 120 + 141 + 271 & 586 &:= 4^0 + 7^3 + 15^2 + 16^0 + 16^1 = 40 + 73 + 152 + 160 + 161 \\ 586 &:= 2^5 + 2^9 + 12^0 + 15^1 + 26^1 = 25 + 29 + 120 + 151 + 261 & 586 &:= 4^0 + 8^2 + 14^0 + 14^2 + 18^2 = 40 + 82 + 140 + 142 + 182 \\ 586 &:= 2^5 + 2^9 + 12^0 + 16^1 + 25^1 = 25 + 29 + 120 + 161 + 251 & 586 &:= 4^1 + 6^2 + 9^0 + 16^1 + 23^2 = 41 + 62 + 90 + 161 + 232 \\ 586 &:= 2^5 + 2^9 + 12^0 + 17^1 + 24^1 = 25 + 29 + 120 + 171 + 241 & 586 &:= 4^1 + 7^0 + 9^2 + 16^1 + 22^2 = 41 + 70 + 92 + 161 + 222 \\ 586 &:= 2^5 + 2^9 + 12^0 + 18^1 + 23^1 = 25 + 29 + 120 + 181 + 231 & 586 &:= 4^1 + 9^0 + 12^1 + 13^2 + 20^2 = 41 + 90 + 121 + 132 + 202 \\ 586 &:= 2^5 + 2^9 + 12^0 + 19^1 + 22^1 = 25 + 29 + 120 + 191 + 221 & 586 &:= 5^0 + 5^3 + 9^0 + 18^1 + 21^2 = 50 + 53 + 90 + 181 + 212 \\ 586 &:= 2^5 + 2^9 + 12^0 + 20^1 + 21^1 = 25 + 29 + 120 + 201 + 211 & 586 &:= 5^0 + 6^2 + 8^2 + 17^0 + 22^2 = 50 + 62 + 82 + 170 + 222 \\ 586 &:= 2^6 + 2^9 + 8^1 + 18^0 + 27^0 = 26 + 29 + 81 + 180 + 270 & 586 &:= 5^0 + 6^3 + 7^1 + 19^2 + 21^0 = 50 + 63 + 71 + 192 + 210 \\ 586 &:= 2^6 + 2^9 + 8^1 + 19^0 + 26^0 = 26 + 29 + 81 + 190 + 260 & 586 &:= 5^0 + 7^2 + 8^3 + 15^0 + 23^1 = 50 + 72 + 83 + 150 + 231 \\ 586 &:= 2^6 + 2^9 + 8^1 + 20^0 + 25^0 = 26 + 29 + 81 + 200 + 250 & 586 &:= 5^0 + 7^3 + 15^0 + 15^2 + 16^1 = 50 + 73 + 150 + 152 + 161 \\ 586 &:= 2^6 + 2^9 + 8^1 + 21^0 + 24^0 = 26 + 29 + 81 + 210 + 240 & 586 &:= 5^0 + 8^2 + 13^0 + 14^2 + 18^2 = 50 + 82 + 130 + 142 + 182 \\ 586 &:= 2^6 + 2^9 + 8^1 + 22^0 + 23^0 = 26 + 29 + 81 + 220 + 230 & 586 &:= 5^1 + 6^2 + 9^0 + 15^1 + 23^2 = 51 + 62 + 90 + 151 + 232 \\ 586 &:= 2^6 + 3^5 + 4^4 + 22^1 + 26^0 = 26 + 35 + 44 + 221 + 260 & 586 &:= 5^1 + 7^0 + 9^2 + 15^1 + 22^2 = 51 + 70 + 92 + 151 + 222 \end{aligned}$$

$586 := 5^1 + 9^0 + 11^1 + 13^2 + 20^2 = 51 + 90 + 111 + 132 + 202$	$586 := 7^0 + 7^2 + 8^3 + 13^0 + 23^1 = 70 + 72 + 83 + 130 + 231$
$586 := 5^3 + 6^0 + 8^0 + 18^1 + 21^2 = 53 + 60 + 80 + 181 + 212$	$586 := 7^0 + 7^3 + 13^0 + 15^2 + 16^1 = 70 + 73 + 130 + 152 + 161$
$586 := 5^3 + 7^0 + 7^0 + 18^1 + 21^2 = 53 + 70 + 70 + 181 + 212$	$586 := 7^0 + 8^1 + 8^2 + 8^3 + 27^0 = 70 + 81 + 82 + 83 + 270$
$586 := 6^0 + 6^2 + 8^2 + 16^0 + 22^2 = 60 + 62 + 82 + 160 + 222$	$586 := 7^0 + 8^1 + 9^2 + 12^1 + 22^2 = 70 + 81 + 92 + 121 + 222$
$586 := 6^0 + 6^3 + 7^1 + 19^2 + 20^0 = 60 + 63 + 71 + 192 + 200$	$586 := 7^0 + 8^2 + 11^0 + 14^2 + 18^2 = 70 + 82 + 110 + 142 + 182$
$586 := 6^0 + 7^2 + 8^3 + 14^0 + 23^1 = 60 + 72 + 83 + 140 + 231$	$586 := 7^0 + 9^1 + 9^2 + 11^1 + 22^2 = 70 + 91 + 92 + 111 + 222$
$586 := 6^0 + 7^3 + 14^0 + 15^2 + 16^1 = 60 + 73 + 140 + 152 + 161$	$586 := 7^0 + 9^2 + 10^1 + 10^1 + 22^2 = 70 + 92 + 101 + 101 + 222$
$586 := 6^0 + 8^2 + 12^0 + 14^2 + 18^2 = 60 + 82 + 120 + 142 + 182$	$586 := 7^1 + 9^0 + 9^1 + 13^2 + 20^2 = 71 + 90 + 91 + 132 + 202$
$586 := 6^1 + 6^2 + 9^0 + 14^1 + 23^2 = 61 + 62 + 90 + 141 + 232$	$586 := 7^2 + 8^0 + 8^3 + 12^0 + 23^1 = 72 + 80 + 83 + 120 + 231$
$586 := 6^1 + 7^0 + 9^2 + 14^1 + 22^2 = 61 + 70 + 92 + 141 + 222$	$586 := 7^2 + 8^3 + 10^0 + 10^0 + 23^1 = 72 + 83 + 100 + 100 + 231$
$586 := 6^1 + 9^0 + 10^1 + 13^2 + 20^2 = 61 + 90 + 101 + 132 + 202$	$586 := 7^2 + 8^3 + 9^0 + 11^0 + 23^1 = 72 + 83 + 90 + 110 + 231$
$586 := 6^2 + 7^0 + 8^2 + 15^0 + 22^2 = 62 + 70 + 82 + 150 + 222$	$586 := 7^3 + 10^0 + 10^0 + 15^2 + 16^1 = 73 + 100 + 100 + 152 + 161$
$586 := 6^2 + 7^1 + 9^0 + 13^1 + 23^2 = 62 + 71 + 90 + 131 + 232$	$586 := 7^3 + 8^0 + 12^0 + 15^2 + 16^1 = 73 + 80 + 120 + 152 + 161$
$586 := 6^2 + 8^0 + 8^2 + 14^0 + 22^2 = 62 + 80 + 82 + 140 + 222$	$586 := 7^3 + 9^0 + 11^0 + 15^2 + 16^1 = 73 + 90 + 110 + 152 + 161$
$586 := 6^2 + 8^1 + 9^0 + 12^1 + 23^2 = 62 + 81 + 90 + 121 + 232$	$586 := 8^0 + 8^1 + 8^2 + 8^3 + 26^0 = 80 + 81 + 82 + 83 + 260$
$586 := 6^2 + 8^2 + 10^0 + 12^0 + 22^2 = 62 + 82 + 100 + 120 + 222$	$586 := 8^0 + 8^2 + 10^0 + 14^2 + 18^2 = 80 + 82 + 100 + 142 + 182$
$586 := 6^2 + 8^2 + 11^0 + 11^0 + 22^2 = 62 + 82 + 110 + 110 + 222$	$586 := 8^1 + 8^1 + 9^0 + 13^2 + 20^2 = 81 + 81 + 90 + 132 + 202$
$586 := 6^2 + 8^2 + 9^0 + 13^0 + 22^2 = 62 + 82 + 90 + 130 + 222$	$586 := 8^1 + 8^2 + 8^3 + 10^0 + 24^0 = 81 + 82 + 83 + 100 + 240$
$586 := 6^2 + 9^0 + 10^1 + 10^1 + 23^2 = 62 + 90 + 101 + 101 + 232$	$586 := 8^1 + 8^2 + 8^3 + 11^0 + 23^0 = 81 + 82 + 83 + 110 + 230$
$586 := 6^2 + 9^0 + 9^1 + 11^1 + 23^2 = 62 + 90 + 91 + 111 + 232$	$586 := 8^1 + 8^2 + 8^3 + 12^0 + 22^0 = 81 + 82 + 83 + 120 + 220$
$586 := 6^3 + 7^0 + 7^1 + 19^0 + 19^2 = 63 + 70 + 71 + 190 + 192$	$586 := 8^1 + 8^2 + 8^3 + 13^0 + 21^0 = 81 + 82 + 83 + 130 + 210$
$586 := 6^3 + 7^1 + 10^0 + 16^0 + 19^2 = 63 + 71 + 100 + 160 + 192$	$586 := 8^1 + 8^2 + 8^3 + 14^0 + 20^0 = 81 + 82 + 83 + 140 + 200$
$586 := 6^3 + 7^1 + 11^0 + 15^0 + 19^2 = 63 + 71 + 110 + 150 + 192$	$586 := 8^1 + 8^2 + 8^3 + 15^0 + 19^0 = 81 + 82 + 83 + 150 + 190$
$586 := 6^3 + 7^1 + 12^0 + 14^0 + 19^2 = 63 + 71 + 120 + 140 + 192$	$586 := 8^1 + 8^2 + 8^3 + 16^0 + 18^0 = 81 + 82 + 83 + 160 + 180$
$586 := 6^3 + 7^1 + 13^0 + 13^0 + 19^2 = 63 + 71 + 130 + 130 + 192$	$586 := 8^1 + 8^2 + 8^3 + 17^0 + 17^0 = 81 + 82 + 83 + 170 + 170$
$586 := 6^3 + 7^1 + 8^0 + 18^0 + 19^2 = 63 + 71 + 80 + 180 + 192$	$586 := 8^1 + 8^2 + 8^3 + 9^0 + 25^0 = 81 + 82 + 83 + 90 + 250$
$586 := 6^3 + 7^1 + 9^0 + 17^0 + 19^2 = 63 + 71 + 90 + 170 + 192$	$586 := 8^2 + 9^0 + 9^0 + 14^2 + 18^2 = 82 + 90 + 90 + 142 + 182$
$586 := 7^0 + 7^1 + 9^2 + 13^1 + 22^2 = 70 + 71 + 92 + 131 + 222$	

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$587 := 1^3 + 12^2 + 21^2 + 24^0 = 13 + 122 + 212 + 240$	$587 := 3^2 + 6^3 + 19^2 + 30^0 = 32 + 63 + 192 + 300$
$587 := 1^3 + 3^2 + 24^2 + 30^0 = 13 + 32 + 242 + 300$	$587 := 3^4 + 12^0 + 21^1 + 22^2 = 34 + 120 + 211 + 222$
$587 := 1^4 + 9^1 + 24^0 + 24^2 = 14 + 91 + 240 + 242$	$587 := 4^3 + 8^3 + 10^1 + 36^0 = 43 + 83 + 101 + 360$
$587 := 1^5 + 2^9 + 5^2 + 49^1 = 15 + 29 + 52 + 491$	$587 := 4^3 + 9^2 + 21^2 + 24^0 = 43 + 92 + 212 + 240$
$587 := 2^3 + 17^2 + 17^2 + 22^0 = 23 + 172 + 172 + 220$	$587 := 4^4 + 6^1 + 18^2 + 30^0 = 44 + 61 + 182 + 300$
$587 := 2^3 + 2^4 + 2^9 + 51^1 = 23 + 24 + 29 + 511$	$587 := 5^2 + 7^2 + 8^3 + 38^0 = 52 + 72 + 83 + 380$
$587 := 2^3 + 7^2 + 23^2 + 26^0 = 23 + 72 + 232 + 260$	$587 := 5^3 + 10^2 + 19^2 + 24^0 = 53 + 102 + 192 + 240$

$$\begin{aligned} 587 &:= 6^3 + 7^3 + 18^0 + 27^1 &= 63 + 73 + 180 + 271 \\ 587 &:= 6^3 + 9^2 + 17^2 + 26^0 &= 63 + 92 + 172 + 260 \\ 587 &:= 1^0 + 1^3 + 10^2 + 22^2 + 24^0 &= 10 + 13 + 102 + 222 + 240 \\ 587 &:= 1^0 + 1^4 + 8^1 + 24^0 + 24^2 &= 10 + 14 + 81 + 240 + 242 \\ 587 &:= 1^0 + 3^4 + 12^0 + 20^1 + 22^2 &= 10 + 34 + 120 + 201 + 222 \\ 587 &:= 1^0 + 4^3 + 11^2 + 20^2 + 22^0 &= 10 + 43 + 112 + 202 + 220 \\ 587 &:= 1^0 + 6^3 + 12^2 + 15^2 + 24^0 &= 10 + 63 + 122 + 152 + 240 \\ 587 &:= 1^0 + 6^3 + 7^3 + 18^0 + 26^1 &= 10 + 63 + 73 + 180 + 261 \\ 587 &:= 1^1 + 1^2 + 10^2 + 22^2 + 24^0 &= 11 + 12 + 102 + 222 + 240 \\ 587 &:= 1^1 + 1^3 + 8^1 + 24^0 + 24^2 &= 11 + 13 + 81 + 240 + 242 \\ 587 &:= 1^1 + 10^2 + 14^2 + 16^0 + 17^2 &= 11 + 102 + 142 + 160 + 172 \\ 587 &:= 1^1 + 4^2 + 13^2 + 20^0 + 20^2 &= 11 + 42 + 132 + 200 + 202 \\ 587 &:= 1^1 + 5^3 + 12^0 + 19^1 + 21^2 &= 11 + 53 + 120 + 191 + 212 \\ 587 &:= 1^1 + 6^2 + 15^2 + 18^0 + 18^2 &= 11 + 62 + 152 + 180 + 182 \\ 587 &:= 1^1 + 6^3 + 8^1 + 19^2 + 24^0 &= 11 + 63 + 81 + 192 + 240 \\ 587 &:= 1^1 + 7^2 + 8^3 + 18^0 + 24^1 &= 11 + 72 + 83 + 180 + 241 \\ 587 &:= 1^1 + 7^3 + 15^2 + 17^1 + 18^0 &= 11 + 73 + 152 + 171 + 180 \\ 587 &:= 1^1 + 8^2 + 11^2 + 18^0 + 20^2 &= 11 + 82 + 112 + 180 + 202 \\ 587 &:= 1^2 + 1^2 + 8^1 + 24^0 + 24^2 &= 12 + 12 + 81 + 240 + 242 \\ 587 &:= 1^2 + 2^0 + 11^2 + 21^2 + 23^1 &= 12 + 20 + 112 + 212 + 231 \\ 587 &:= 1^2 + 2^2 + 5^1 + 24^2 + 26^0 &= 12 + 22 + 51 + 242 + 260 \\ 587 &:= 1^2 + 2^3 + 10^0 + 21^0 + 24^2 &= 12 + 23 + 100 + 210 + 242 \\ 587 &:= 1^2 + 2^3 + 11^0 + 20^0 + 24^2 &= 12 + 23 + 110 + 200 + 242 \\ 587 &:= 1^2 + 2^3 + 12^0 + 19^0 + 24^2 &= 12 + 23 + 120 + 190 + 242 \\ 587 &:= 1^2 + 2^3 + 13^0 + 18^0 + 24^2 &= 12 + 23 + 130 + 180 + 242 \\ 587 &:= 1^2 + 2^3 + 14^0 + 17^0 + 24^2 &= 12 + 23 + 140 + 170 + 242 \\ 587 &:= 1^2 + 2^3 + 15^0 + 16^0 + 24^2 &= 12 + 23 + 150 + 160 + 242 \\ 587 &:= 1^2 + 2^3 + 4^0 + 24^2 + 27^0 &= 12 + 23 + 40 + 242 + 270 \\ 587 &:= 1^2 + 2^3 + 5^0 + 24^2 + 26^0 &= 12 + 23 + 50 + 242 + 260 \\ 587 &:= 1^2 + 2^3 + 6^0 + 24^2 + 25^0 &= 12 + 23 + 60 + 242 + 250 \\ 587 &:= 1^2 + 2^3 + 7^0 + 24^0 + 24^2 &= 12 + 23 + 70 + 240 + 242 \\ 587 &:= 1^2 + 2^3 + 8^0 + 23^0 + 24^2 &= 12 + 23 + 80 + 230 + 242 \\ 587 &:= 1^2 + 2^3 + 9^0 + 22^0 + 24^2 &= 12 + 23 + 90 + 220 + 242 \\ 587 &:= 1^2 + 5^1 + 16^2 + 18^0 + 18^2 &= 12 + 51 + 162 + 180 + 182 \\ 587 &:= 1^2 + 6^0 + 9^2 + 20^1 + 22^2 &= 12 + 60 + 92 + 201 + 222 \\ 587 &:= 1^2 + 6^2 + 8^0 + 20^1 + 23^2 &= 12 + 62 + 80 + 201 + 232 \\ 587 &:= 1^2 + 7^1 + 16^0 + 17^2 + 17^2 &= 12 + 71 + 160 + 172 + 172 \\ 587 &:= 1^2 + 7^1 + 7^2 + 20^0 + 23^2 &= 12 + 71 + 72 + 200 + 232 \end{aligned}$$

$$\begin{aligned} 587 &:= 1^2 + 8^0 + 13^2 + 16^1 + 20^2 &= 12 + 80 + 132 + 161 + 202 \\ 587 &:= 1^3 + 1^9 + 11^2 + 21^2 + 23^1 &= 13 + 19 + 112 + 212 + 231 \\ 587 &:= 1^3 + 10^0 + 10^2 + 15^0 + 22^2 &= 13 + 100 + 102 + 150 + 222 \\ 587 &:= 1^3 + 10^2 + 11^0 + 14^0 + 22^2 &= 13 + 102 + 110 + 140 + 222 \\ 587 &:= 1^3 + 10^2 + 12^0 + 13^0 + 22^2 &= 13 + 102 + 120 + 130 + 222 \\ 587 &:= 1^3 + 2^0 + 10^2 + 22^2 + 23^0 &= 13 + 20 + 102 + 222 + 230 \\ 587 &:= 1^3 + 2^1 + 7^1 + 24^0 + 24^2 &= 13 + 21 + 71 + 240 + 242 \\ 587 &:= 1^3 + 3^0 + 10^2 + 22^0 + 22^2 &= 13 + 30 + 102 + 220 + 222 \\ 587 &:= 1^3 + 3^1 + 6^1 + 24^0 + 24^2 &= 13 + 31 + 61 + 240 + 242 \\ 587 &:= 1^3 + 4^0 + 10^2 + 21^0 + 22^2 &= 13 + 40 + 102 + 210 + 222 \\ 587 &:= 1^3 + 4^1 + 5^1 + 24^0 + 24^2 &= 13 + 41 + 51 + 240 + 242 \\ 587 &:= 1^3 + 5^0 + 10^2 + 20^0 + 22^2 &= 13 + 50 + 102 + 200 + 222 \\ 587 &:= 1^3 + 6^0 + 10^2 + 19^0 + 22^2 &= 13 + 60 + 102 + 190 + 222 \\ 587 &:= 1^3 + 7^0 + 10^2 + 18^0 + 22^2 &= 13 + 70 + 102 + 180 + 222 \\ 587 &:= 1^3 + 8^0 + 10^2 + 17^0 + 22^2 &= 13 + 80 + 102 + 170 + 222 \\ 587 &:= 1^3 + 9^0 + 10^2 + 16^0 + 22^2 &= 13 + 90 + 102 + 160 + 222 \\ 587 &:= 1^4 + 1^8 + 11^2 + 21^2 + 23^1 &= 14 + 18 + 112 + 212 + 231 \\ 587 &:= 1^4 + 1^9 + 10^2 + 22^2 + 23^0 &= 14 + 19 + 102 + 222 + 230 \\ 587 &:= 1^4 + 2^0 + 8^1 + 23^0 + 24^2 &= 14 + 20 + 81 + 230 + 242 \\ 587 &:= 1^4 + 2^9 + 5^2 + 22^1 + 27^1 &= 14 + 29 + 52 + 221 + 271 \\ 587 &:= 1^4 + 2^9 + 5^2 + 23^1 + 26^1 &= 14 + 29 + 52 + 231 + 261 \\ 587 &:= 1^4 + 2^9 + 5^2 + 24^1 + 25^1 &= 14 + 29 + 52 + 241 + 251 \\ 587 &:= 1^4 + 3^0 + 8^1 + 22^0 + 24^2 &= 14 + 30 + 81 + 220 + 242 \\ 587 &:= 1^4 + 4^0 + 8^1 + 21^0 + 24^2 &= 14 + 40 + 81 + 210 + 242 \\ 587 &:= 1^4 + 5^0 + 8^1 + 20^0 + 24^2 &= 14 + 50 + 81 + 200 + 242 \\ 587 &:= 1^4 + 6^0 + 8^1 + 19^0 + 24^2 &= 14 + 60 + 81 + 190 + 242 \\ 587 &:= 1^4 + 7^0 + 8^1 + 18^0 + 24^2 &= 14 + 70 + 81 + 180 + 242 \\ 587 &:= 1^4 + 8^0 + 8^1 + 17^0 + 24^2 &= 14 + 80 + 81 + 170 + 242 \\ 587 &:= 1^4 + 8^1 + 10^0 + 15^0 + 24^2 &= 14 + 81 + 100 + 150 + 242 \\ 587 &:= 1^4 + 8^1 + 11^0 + 14^0 + 24^2 &= 14 + 81 + 110 + 140 + 242 \\ 587 &:= 1^4 + 8^1 + 12^0 + 13^0 + 24^2 &= 14 + 81 + 120 + 130 + 242 \\ 587 &:= 1^4 + 8^1 + 9^0 + 16^0 + 24^2 &= 14 + 81 + 90 + 160 + 242 \\ 587 &:= 1^5 + 1^7 + 11^2 + 21^2 + 23^1 &= 15 + 17 + 112 + 212 + 231 \\ 587 &:= 1^5 + 1^8 + 10^2 + 22^2 + 23^0 &= 15 + 18 + 102 + 222 + 230 \\ 587 &:= 1^5 + 1^9 + 8^1 + 23^0 + 24^2 &= 15 + 19 + 81 + 230 + 242 \\ 587 &:= 1^5 + 2^7 + 12^2 + 17^2 + 25^1 &= 15 + 27 + 122 + 172 + 251 \\ 587 &:= 1^5 + 2^9 + 7^2 + 23^0 + 24^1 &= 15 + 29 + 72 + 230 + 241 \\ 587 &:= 1^6 + 1^6 + 11^2 + 21^2 + 23^1 &= 16 + 16 + 112 + 212 + 231 \end{aligned}$$

$$\begin{aligned} 587 &:= 1^6 + 1^7 + 10^2 + 22^2 + 23^0 = 16 + 17 + 102 + 222 + 230 \\ 587 &:= 1^6 + 1^8 + 8^1 + 23^0 + 24^2 = 16 + 18 + 81 + 230 + 242 \\ 587 &:= 1^7 + 1^7 + 8^1 + 23^0 + 24^2 = 17 + 17 + 81 + 230 + 242 \\ 587 &:= 1^7 + 2^6 + 11^2 + 20^2 + 23^0 = 17 + 26 + 112 + 202 + 230 \\ 587 &:= 1^7 + 2^7 + 16^1 + 17^0 + 21^2 = 17 + 27 + 161 + 170 + 212 \\ 587 &:= 1^8 + 2^4 + 15^2 + 18^2 + 21^1 = 18 + 24 + 152 + 182 + 211 \\ 587 &:= 1^8 + 3^4 + 11^2 + 19^2 + 23^1 = 18 + 34 + 112 + 192 + 231 \\ 587 &:= 1^8 + 3^4 + 9^2 + 20^2 + 24^1 = 18 + 34 + 92 + 202 + 241 \\ 587 &:= 1^9 + 2^3 + 14^2 + 19^2 + 21^1 = 19 + 23 + 142 + 192 + 211 \\ 587 &:= 1^9 + 2^4 + 13^2 + 20^2 + 21^0 = 19 + 24 + 132 + 202 + 210 \\ 587 &:= 1^9 + 2^5 + 7^0 + 23^2 + 24^1 = 19 + 25 + 70 + 232 + 241 \\ 587 &:= 1^9 + 3^5 + 17^0 + 18^1 + 18^2 = 19 + 35 + 170 + 181 + 182 \\ 587 &:= 1^9 + 4^3 + 10^2 + 20^2 + 22^1 = 19 + 43 + 102 + 202 + 221 \\ 587 &:= 1^9 + 5^3 + 6^2 + 20^2 + 25^1 = 19 + 53 + 62 + 202 + 251 \\ 587 &:= 1^9 + 6^3 + 11^2 + 15^2 + 24^1 = 19 + 63 + 112 + 152 + 241 \\ 587 &:= 2^0 + 11^2 + 15^1 + 15^2 + 15^2 = 20 + 112 + 151 + 152 + 152 \\ 587 &:= 2^0 + 3^1 + 3^3 + 23^2 + 27^1 = 20 + 31 + 33 + 232 + 271 \\ 587 &:= 2^0 + 3^2 + 14^2 + 19^2 + 20^1 = 20 + 32 + 142 + 192 + 201 \\ 587 &:= 2^0 + 3^3 + 10^1 + 20^1 + 23^2 = 20 + 33 + 101 + 201 + 232 \\ 587 &:= 2^0 + 3^3 + 11^1 + 19^1 + 23^2 = 20 + 33 + 111 + 191 + 232 \\ 587 &:= 2^0 + 3^3 + 12^1 + 18^1 + 23^2 = 20 + 33 + 121 + 181 + 232 \\ 587 &:= 2^0 + 3^3 + 13^1 + 17^1 + 23^2 = 20 + 33 + 131 + 171 + 232 \\ 587 &:= 2^0 + 3^3 + 14^1 + 16^1 + 23^2 = 20 + 33 + 141 + 161 + 232 \\ 587 &:= 2^0 + 3^3 + 15^1 + 15^1 + 23^2 = 20 + 33 + 151 + 151 + 232 \\ 587 &:= 2^0 + 3^3 + 4^1 + 23^2 + 26^1 = 20 + 33 + 41 + 232 + 261 \\ 587 &:= 2^0 + 3^3 + 5^1 + 23^2 + 25^1 = 20 + 33 + 51 + 232 + 251 \\ 587 &:= 2^0 + 3^3 + 6^1 + 23^2 + 24^1 = 20 + 33 + 61 + 232 + 241 \\ 587 &:= 2^0 + 3^3 + 7^1 + 23^1 + 23^2 = 20 + 33 + 71 + 231 + 232 \\ 587 &:= 2^0 + 3^3 + 8^1 + 22^1 + 23^2 = 20 + 33 + 81 + 221 + 232 \\ 587 &:= 2^0 + 3^3 + 9^1 + 21^1 + 23^2 = 20 + 33 + 91 + 211 + 232 \\ 587 &:= 2^0 + 3^4 + 11^0 + 20^1 + 22^2 = 20 + 34 + 110 + 201 + 222 \\ 587 &:= 2^0 + 4^2 + 4^2 + 23^2 + 25^1 = 20 + 42 + 42 + 232 + 251 \\ 587 &:= 2^0 + 4^2 + 8^2 + 22^1 + 22^2 = 20 + 42 + 82 + 221 + 222 \\ 587 &:= 2^0 + 4^3 + 11^2 + 20^2 + 21^0 = 20 + 43 + 112 + 202 + 210 \\ 587 &:= 2^0 + 5^2 + 10^2 + 20^1 + 21^2 = 20 + 52 + 102 + 201 + 212 \\ 587 &:= 2^0 + 6^3 + 12^2 + 15^2 + 23^0 = 20 + 63 + 122 + 152 + 230 \\ 587 &:= 2^0 + 6^3 + 7^3 + 17^0 + 26^1 = 20 + 63 + 73 + 170 + 261 \\ 587 &:= 2^0 + 7^2 + 14^2 + 17^1 + 18^2 = 20 + 72 + 142 + 171 + 182 \end{aligned}$$

$$\begin{aligned} 587 &:= 2^0 + 7^3 + 11^2 + 11^2 + 27^0 = 20 + 73 + 112 + 112 + 270 \\ 587 &:= 2^0 + 8^2 + 12^2 + 17^1 + 19^2 = 20 + 82 + 122 + 171 + 192 \\ 587 &:= 2^1 + 2^2 + 16^2 + 18^2 + 20^0 = 21 + 22 + 162 + 182 + 200 \\ 587 &:= 2^1 + 5^3 + 12^0 + 18^1 + 21^2 = 21 + 53 + 120 + 181 + 212 \\ 587 &:= 2^1 + 6^2 + 8^2 + 20^0 + 22^2 = 21 + 62 + 82 + 200 + 222 \\ 587 &:= 2^1 + 6^3 + 7^1 + 19^2 + 24^0 = 21 + 63 + 71 + 192 + 240 \\ 587 &:= 2^1 + 7^2 + 8^3 + 18^0 + 23^1 = 21 + 72 + 83 + 180 + 231 \\ 587 &:= 2^1 + 7^3 + 15^2 + 16^1 + 18^0 = 21 + 73 + 152 + 161 + 180 \\ 587 &:= 2^1 + 8^2 + 14^2 + 16^0 + 18^2 = 21 + 82 + 142 + 160 + 182 \\ 587 &:= 2^2 + 10^0 + 13^1 + 13^2 + 20^2 = 22 + 100 + 131 + 132 + 202 \\ 587 &:= 2^2 + 4^0 + 11^2 + 20^1 + 21^2 = 22 + 40 + 112 + 201 + 212 \\ 587 &:= 2^2 + 4^1 + 17^2 + 17^2 + 18^0 = 22 + 41 + 172 + 172 + 180 \\ 587 &:= 2^2 + 4^1 + 7^2 + 22^0 + 23^2 = 22 + 41 + 72 + 220 + 232 \\ 587 &:= 2^2 + 6^2 + 10^0 + 17^1 + 23^2 = 22 + 62 + 100 + 171 + 232 \\ 587 &:= 2^2 + 8^0 + 9^2 + 17^1 + 22^2 = 22 + 80 + 92 + 171 + 222 \\ 587 &:= 2^4 + 2^9 + 3^2 + 23^1 + 27^1 = 24 + 29 + 32 + 231 + 271 \\ 587 &:= 2^4 + 2^9 + 3^2 + 24^1 + 26^1 = 24 + 29 + 32 + 241 + 261 \\ 587 &:= 2^4 + 2^9 + 3^2 + 25^1 + 25^1 = 24 + 29 + 32 + 251 + 251 \\ 587 &:= 2^5 + 2^9 + 4^2 + 23^0 + 26^1 = 25 + 29 + 42 + 230 + 261 \\ 587 &:= 2^6 + 2^7 + 10^1 + 19^2 + 24^1 = 26 + 27 + 101 + 192 + 241 \\ 587 &:= 2^6 + 2^7 + 11^1 + 19^2 + 23^1 = 26 + 27 + 111 + 192 + 231 \\ 587 &:= 2^6 + 2^7 + 12^1 + 19^2 + 22^1 = 26 + 27 + 121 + 192 + 221 \\ 587 &:= 2^6 + 2^7 + 13^1 + 19^2 + 21^1 = 26 + 27 + 131 + 192 + 211 \\ 587 &:= 2^6 + 2^7 + 13^2 + 15^2 + 25^0 = 26 + 27 + 132 + 152 + 250 \\ 587 &:= 2^6 + 2^7 + 14^1 + 19^2 + 20^1 = 26 + 27 + 141 + 192 + 201 \\ 587 &:= 2^6 + 2^7 + 15^1 + 19^1 + 19^2 = 26 + 27 + 151 + 191 + 192 \\ 587 &:= 2^6 + 2^7 + 16^1 + 18^1 + 19^2 = 26 + 27 + 161 + 181 + 192 \\ 587 &:= 2^6 + 2^7 + 17^1 + 17^1 + 19^2 = 26 + 27 + 171 + 171 + 192 \\ 587 &:= 2^6 + 2^7 + 7^1 + 19^2 + 27^1 = 26 + 27 + 71 + 192 + 271 \\ 587 &:= 2^6 + 2^7 + 8^1 + 19^2 + 26^1 = 26 + 27 + 81 + 192 + 261 \\ 587 &:= 2^6 + 2^7 + 9^1 + 19^2 + 25^1 = 26 + 27 + 91 + 192 + 251 \\ 587 &:= 2^6 + 2^8 + 10^1 + 16^2 + 27^0 = 26 + 28 + 101 + 162 + 270 \\ 587 &:= 2^6 + 2^9 + 3^2 + 23^0 + 27^0 = 26 + 29 + 32 + 230 + 270 \\ 587 &:= 2^6 + 2^9 + 3^2 + 24^0 + 26^0 = 26 + 29 + 32 + 240 + 260 \\ 587 &:= 2^6 + 2^9 + 3^2 + 25^0 + 25^0 = 26 + 29 + 32 + 250 + 250 \\ 587 &:= 2^8 + 3^3 + 4^4 + 21^1 + 27^1 = 28 + 33 + 44 + 211 + 271 \\ 587 &:= 2^8 + 3^3 + 4^4 + 22^1 + 26^1 = 28 + 33 + 44 + 221 + 261 \\ 587 &:= 2^8 + 3^3 + 4^4 + 23^1 + 25^1 = 28 + 33 + 44 + 231 + 251 \end{aligned}$$

$$\begin{aligned} 587 &:= 2^8 + 3^3 + 4^4 + 24^1 + 24^1 = 28 + 33 + 44 + 241 + 241 & 587 &:= 4^1 + 5^1 + 6^3 + 19^2 + 24^0 = 41 + 51 + 63 + 192 + 240 \\ 587 &:= 2^8 + 3^5 + 4^3 + 23^1 + 25^0 = 28 + 35 + 43 + 231 + 250 & 587 &:= 4^1 + 5^2 + 14^2 + 16^0 + 19^2 = 41 + 52 + 142 + 160 + 192 \\ 587 &:= 3^0 + 3^4 + 10^0 + 20^1 + 22^2 = 30 + 34 + 100 + 201 + 222 & 587 &:= 4^1 + 5^3 + 12^0 + 16^1 + 21^2 = 41 + 53 + 120 + 161 + 212 \\ 587 &:= 3^0 + 4^3 + 11^2 + 20^0 + 20^2 = 30 + 43 + 112 + 200 + 202 & 587 &:= 4^1 + 7^2 + 7^2 + 18^0 + 22^2 = 41 + 72 + 72 + 180 + 222 \\ 587 &:= 3^0 + 6^3 + 12^2 + 15^2 + 22^0 = 30 + 63 + 122 + 152 + 220 & 587 &:= 4^1 + 7^2 + 8^3 + 18^0 + 21^1 = 41 + 72 + 83 + 180 + 211 \\ 587 &:= 3^0 + 6^3 + 7^3 + 16^0 + 26^1 = 30 + 63 + 73 + 160 + 261 & 587 &:= 4^1 + 7^3 + 14^1 + 15^2 + 18^0 = 41 + 73 + 141 + 152 + 180 \\ 587 &:= 3^0 + 7^3 + 11^2 + 11^2 + 26^0 = 30 + 73 + 112 + 112 + 260 & 587 &:= 4^2 + 5^1 + 6^2 + 20^0 + 23^2 = 42 + 51 + 62 + 200 + 232 \\ 587 &:= 3^1 + 5^3 + 12^0 + 17^1 + 21^2 = 31 + 53 + 120 + 171 + 212 & 587 &:= 4^2 + 5^1 + 9^2 + 18^0 + 22^2 = 42 + 51 + 92 + 180 + 222 \\ 587 &:= 3^1 + 6^1 + 6^3 + 19^2 + 24^0 = 31 + 61 + 63 + 192 + 240 & 587 &:= 4^2 + 5^2 + 10^0 + 16^1 + 23^2 = 42 + 52 + 100 + 161 + 232 \\ 587 &:= 3^1 + 7^2 + 8^3 + 18^0 + 22^1 = 31 + 72 + 83 + 180 + 221 & 587 &:= 4^2 + 8^0 + 13^1 + 14^2 + 19^2 = 42 + 80 + 131 + 142 + 192 \\ 587 &:= 3^1 + 7^3 + 15^1 + 15^2 + 18^0 = 31 + 73 + 151 + 152 + 180 & 587 &:= 4^2 + 8^1 + 11^2 + 14^0 + 21^2 = 42 + 81 + 112 + 140 + 212 \\ 587 &:= 3^2 + 4^0 + 5^2 + 23^1 + 23^2 = 32 + 40 + 52 + 231 + 232 & 587 &:= 4^3 + 10^0 + 11^2 + 13^0 + 20^2 = 43 + 100 + 112 + 130 + 202 \\ 587 &:= 3^2 + 6^2 + 12^1 + 14^0 + 23^2 = 32 + 62 + 121 + 140 + 232 & 587 &:= 4^3 + 11^0 + 11^2 + 12^0 + 20^2 = 43 + 110 + 112 + 120 + 202 \\ 587 &:= 3^2 + 8^0 + 11^2 + 15^1 + 21^2 = 32 + 80 + 112 + 151 + 212 & 587 &:= 4^3 + 5^0 + 11^2 + 18^0 + 20^2 = 43 + 50 + 112 + 180 + 202 \\ 587 &:= 3^2 + 8^1 + 13^2 + 14^0 + 20^2 = 32 + 81 + 132 + 140 + 202 & 587 &:= 4^3 + 6^0 + 11^2 + 17^0 + 20^2 = 43 + 60 + 112 + 170 + 202 \\ 587 &:= 3^2 + 8^2 + 8^3 + 12^0 + 27^0 = 32 + 82 + 83 + 120 + 270 & 587 &:= 4^3 + 7^0 + 11^2 + 16^0 + 20^2 = 43 + 70 + 112 + 160 + 202 \\ 587 &:= 3^2 + 8^2 + 8^3 + 13^0 + 26^0 = 32 + 82 + 83 + 130 + 260 & 587 &:= 4^3 + 8^0 + 11^2 + 15^0 + 20^2 = 43 + 80 + 112 + 150 + 202 \\ 587 &:= 3^2 + 8^2 + 8^3 + 14^0 + 25^0 = 32 + 82 + 83 + 140 + 250 & 587 &:= 4^3 + 8^3 + 9^1 + 10^0 + 27^0 = 43 + 83 + 91 + 100 + 270 \\ 587 &:= 3^2 + 8^2 + 8^3 + 15^0 + 24^0 = 32 + 82 + 83 + 150 + 240 & 587 &:= 4^3 + 8^3 + 9^1 + 11^0 + 26^0 = 43 + 83 + 91 + 110 + 260 \\ 587 &:= 3^2 + 8^2 + 8^3 + 16^0 + 23^0 = 32 + 82 + 83 + 160 + 230 & 587 &:= 4^3 + 8^3 + 9^1 + 12^0 + 25^0 = 43 + 83 + 91 + 120 + 250 \\ 587 &:= 3^2 + 8^2 + 8^3 + 17^0 + 22^0 = 32 + 82 + 83 + 170 + 220 & 587 &:= 4^3 + 8^3 + 9^1 + 13^0 + 24^0 = 43 + 83 + 91 + 130 + 240 \\ 587 &:= 3^2 + 8^2 + 8^3 + 18^0 + 21^0 = 32 + 82 + 83 + 180 + 210 & 587 &:= 4^3 + 8^3 + 9^1 + 14^0 + 23^0 = 43 + 83 + 91 + 140 + 230 \\ 587 &:= 3^2 + 8^2 + 8^3 + 19^0 + 20^0 = 32 + 82 + 83 + 190 + 200 & 587 &:= 4^3 + 8^3 + 9^1 + 15^0 + 22^0 = 43 + 83 + 91 + 150 + 220 \\ 587 &:= 3^2 + 9^2 + 12^0 + 12^1 + 22^2 = 32 + 92 + 120 + 121 + 222 & 587 &:= 4^3 + 8^3 + 9^1 + 16^0 + 21^0 = 43 + 83 + 91 + 160 + 210 \\ 587 &:= 3^4 + 4^0 + 9^0 + 20^1 + 22^2 = 34 + 40 + 90 + 201 + 222 & 587 &:= 4^3 + 8^3 + 9^1 + 17^0 + 20^0 = 43 + 83 + 91 + 170 + 200 \\ 587 &:= 3^4 + 5^0 + 8^0 + 20^1 + 22^2 = 34 + 50 + 80 + 201 + 222 & 587 &:= 4^3 + 8^3 + 9^1 + 18^0 + 19^0 = 43 + 83 + 91 + 180 + 190 \\ 587 &:= 3^4 + 6^0 + 7^0 + 20^1 + 22^2 = 34 + 60 + 70 + 201 + 222 & 587 &:= 4^3 + 9^0 + 11^2 + 14^0 + 20^2 = 43 + 90 + 112 + 140 + 202 \\ 587 &:= 4^0 + 11^2 + 13^1 + 14^2 + 16^2 = 40 + 112 + 131 + 142 + 162 & 587 &:= 4^4 + 5^0 + 5^1 + 18^2 + 26^0 = 44 + 50 + 51 + 182 + 260 \\ 587 &:= 4^0 + 4^3 + 11^2 + 19^0 + 20^2 = 40 + 43 + 112 + 190 + 202 & 587 &:= 4^4 + 5^1 + 10^0 + 18^2 + 21^0 = 44 + 51 + 100 + 182 + 210 \\ 587 &:= 4^0 + 4^4 + 5^1 + 18^2 + 27^0 = 40 + 44 + 51 + 182 + 270 & 587 &:= 4^4 + 5^1 + 11^0 + 18^2 + 20^0 = 44 + 51 + 110 + 182 + 200 \\ 587 &:= 4^0 + 5^2 + 12^2 + 17^1 + 20^2 = 40 + 52 + 122 + 171 + 202 & 587 &:= 4^4 + 5^1 + 12^0 + 18^2 + 19^0 = 44 + 51 + 120 + 182 + 190 \\ 587 &:= 4^0 + 5^2 + 16^1 + 16^2 + 17^2 = 40 + 52 + 161 + 162 + 172 & 587 &:= 4^4 + 5^1 + 13^0 + 18^0 + 18^2 = 44 + 51 + 130 + 180 + 182 \\ 587 &:= 4^0 + 6^3 + 12^2 + 15^2 + 21^0 = 40 + 63 + 122 + 152 + 210 & 587 &:= 4^4 + 5^1 + 14^0 + 17^0 + 18^2 = 44 + 51 + 140 + 170 + 182 \\ 587 &:= 4^0 + 6^3 + 7^3 + 15^0 + 26^1 = 40 + 63 + 73 + 150 + 261 & 587 &:= 4^4 + 5^1 + 15^0 + 16^0 + 18^2 = 44 + 51 + 150 + 160 + 182 \\ 587 &:= 4^0 + 7^2 + 11^2 + 16^1 + 20^2 = 40 + 72 + 112 + 161 + 202 & 587 &:= 4^4 + 5^1 + 6^0 + 18^2 + 25^0 = 44 + 51 + 60 + 182 + 250 \\ 587 &:= 4^0 + 7^3 + 11^2 + 11^2 + 25^0 = 40 + 73 + 112 + 112 + 250 & 587 &:= 4^4 + 5^1 + 7^0 + 18^2 + 24^0 = 44 + 51 + 70 + 182 + 240 \\ 587 &:= 4^0 + 8^2 + 8^2 + 17^1 + 21^2 = 40 + 82 + 82 + 171 + 212 & 587 &:= 4^4 + 5^1 + 8^0 + 18^2 + 23^0 = 44 + 51 + 80 + 182 + 230 \\ 587 &:= 4^1 + 10^2 + 11^2 + 14^0 + 19^2 = 41 + 102 + 112 + 140 + 192 & 587 &:= 4^4 + 5^1 + 9^0 + 18^2 + 22^0 = 44 + 51 + 90 + 182 + 220 \end{aligned}$$

$$\begin{aligned} 587 &:= 5^0 + 6^3 + 12^2 + 15^2 + 20^0 = 50 + 63 + 122 + 152 + 200 \\ 587 &:= 5^0 + 6^3 + 7^3 + 14^0 + 26^1 = 50 + 63 + 73 + 140 + 261 \\ 587 &:= 5^0 + 7^3 + 11^2 + 11^2 + 24^0 = 50 + 73 + 112 + 112 + 240 \\ 587 &:= 5^1 + 10^2 + 12^0 + 15^2 + 16^2 = 51 + 102 + 120 + 152 + 162 \\ 587 &:= 5^1 + 5^3 + 12^0 + 15^1 + 21^2 = 51 + 53 + 120 + 151 + 212 \\ 587 &:= 5^1 + 6^2 + 14^0 + 16^2 + 17^2 = 51 + 62 + 140 + 162 + 172 \\ 587 &:= 5^1 + 7^2 + 8^3 + 18^0 + 20^1 = 51 + 72 + 83 + 180 + 201 \\ 587 &:= 5^1 + 7^3 + 13^1 + 15^2 + 18^0 = 51 + 73 + 131 + 152 + 180 \\ 587 &:= 5^1 + 9^2 + 10^2 + 14^0 + 20^2 = 51 + 92 + 102 + 140 + 202 \\ 587 &:= 5^2 + 5^2 + 7^1 + 18^0 + 23^2 = 52 + 52 + 71 + 180 + 232 \\ 587 &:= 5^2 + 8^0 + 12^1 + 15^2 + 18^2 = 52 + 80 + 121 + 152 + 182 \\ 587 &:= 5^2 + 8^2 + 10^0 + 13^1 + 22^2 = 52 + 82 + 100 + 131 + 222 \\ 587 &:= 5^3 + 10^1 + 10^1 + 12^0 + 21^2 = 53 + 101 + 101 + 120 + 212 \\ 587 &:= 5^3 + 6^1 + 12^0 + 14^1 + 21^2 = 53 + 61 + 120 + 141 + 212 \\ 587 &:= 5^3 + 7^1 + 12^0 + 13^1 + 21^2 = 53 + 71 + 120 + 131 + 212 \\ 587 &:= 5^3 + 8^1 + 12^0 + 12^1 + 21^2 = 53 + 81 + 120 + 121 + 212 \\ 587 &:= 5^3 + 9^1 + 11^1 + 12^0 + 21^2 = 53 + 91 + 111 + 120 + 212 \\ 587 &:= 6^0 + 6^2 + 7^2 + 17^1 + 22^2 = 60 + 62 + 72 + 171 + 222 \\ 587 &:= 6^0 + 6^2 + 8^3 + 11^1 + 27^1 = 60 + 62 + 83 + 111 + 271 \\ 587 &:= 6^0 + 6^2 + 8^3 + 12^1 + 26^1 = 60 + 62 + 83 + 121 + 261 \\ 587 &:= 6^0 + 6^2 + 8^3 + 13^1 + 25^1 = 60 + 62 + 83 + 131 + 251 \\ 587 &:= 6^0 + 6^2 + 8^3 + 14^1 + 24^1 = 60 + 62 + 83 + 141 + 241 \\ 587 &:= 6^0 + 6^2 + 8^3 + 15^1 + 23^1 = 60 + 62 + 83 + 151 + 231 \\ 587 &:= 6^0 + 6^2 + 8^3 + 16^1 + 22^1 = 60 + 62 + 83 + 161 + 221 \\ 587 &:= 6^0 + 6^2 + 8^3 + 17^1 + 21^1 = 60 + 62 + 83 + 171 + 211 \\ 587 &:= 6^0 + 6^2 + 8^3 + 18^1 + 20^1 = 60 + 62 + 83 + 181 + 201 \\ 587 &:= 6^0 + 6^2 + 8^3 + 19^1 + 19^1 = 60 + 62 + 83 + 191 + 191 \\ 587 &:= 6^0 + 6^3 + 12^2 + 15^2 + 19^0 = 60 + 63 + 122 + 152 + 190 \\ 587 &:= 6^0 + 6^3 + 7^3 + 13^0 + 26^1 = 60 + 63 + 73 + 130 + 261 \\ 587 &:= 6^0 + 7^2 + 9^2 + 15^1 + 21^2 = 60 + 72 + 92 + 151 + 212 \\ 587 &:= 6^0 + 7^3 + 11^2 + 11^2 + 23^0 = 60 + 73 + 112 + 112 + 230 \\ 587 &:= 6^0 + 9^2 + 12^1 + 13^2 + 18^2 = 60 + 92 + 121 + 132 + 182 \\ 587 &:= 6^1 + 6^2 + 12^2 + 14^0 + 20^2 = 61 + 62 + 122 + 140 + 202 \\ 587 &:= 6^1 + 7^2 + 8^3 + 18^0 + 19^1 = 61 + 72 + 83 + 180 + 191 \end{aligned}$$

$$\begin{aligned} 587 &:= 6^1 + 7^3 + 12^1 + 15^2 + 18^0 = 61 + 73 + 121 + 152 + 180 \\ 587 &:= 6^2 + 9^1 + 10^2 + 12^0 + 21^2 = 62 + 91 + 102 + 120 + 212 \\ 587 &:= 6^3 + 10^0 + 12^2 + 15^0 + 15^2 = 63 + 100 + 122 + 150 + 152 \\ 587 &:= 6^3 + 11^0 + 12^2 + 14^0 + 15^2 = 63 + 110 + 122 + 140 + 152 \\ 587 &:= 6^3 + 12^0 + 12^2 + 13^0 + 15^2 = 63 + 120 + 122 + 130 + 152 \\ 587 &:= 6^3 + 7^0 + 12^2 + 15^2 + 18^0 = 63 + 70 + 122 + 152 + 180 \\ 587 &:= 6^3 + 7^0 + 7^3 + 12^0 + 26^1 = 63 + 70 + 73 + 120 + 261 \\ 587 &:= 6^3 + 7^3 + 8^0 + 11^0 + 26^1 = 63 + 73 + 80 + 110 + 261 \\ 587 &:= 6^3 + 7^3 + 9^0 + 10^0 + 26^1 = 63 + 73 + 90 + 100 + 261 \\ 587 &:= 6^3 + 8^0 + 12^2 + 15^2 + 17^0 = 63 + 80 + 122 + 152 + 170 \\ 587 &:= 6^3 + 9^0 + 12^2 + 15^2 + 16^0 = 63 + 90 + 122 + 152 + 160 \\ 587 &:= 7^0 + 7^3 + 11^2 + 11^2 + 22^0 = 70 + 73 + 112 + 112 + 220 \\ 587 &:= 7^1 + 10^0 + 11^2 + 13^2 + 17^2 = 71 + 100 + 112 + 132 + 172 \\ 587 &:= 7^1 + 7^2 + 12^0 + 13^2 + 19^2 = 71 + 72 + 120 + 132 + 192 \\ 587 &:= 7^1 + 7^2 + 8^3 + 18^0 + 18^1 = 71 + 72 + 83 + 180 + 181 \\ 587 &:= 7^1 + 7^3 + 11^1 + 15^2 + 18^0 = 71 + 73 + 111 + 152 + 180 \\ 587 &:= 7^2 + 8^1 + 8^3 + 17^1 + 18^0 = 72 + 81 + 83 + 171 + 180 \\ 587 &:= 7^2 + 8^3 + 10^1 + 15^1 + 18^0 = 72 + 83 + 101 + 151 + 180 \\ 587 &:= 7^2 + 8^3 + 11^1 + 14^1 + 18^0 = 72 + 83 + 111 + 141 + 180 \\ 587 &:= 7^2 + 8^3 + 12^1 + 13^1 + 18^0 = 72 + 83 + 121 + 131 + 180 \\ 587 &:= 7^2 + 8^3 + 9^1 + 16^1 + 18^0 = 72 + 83 + 91 + 161 + 180 \\ 587 &:= 7^3 + 10^0 + 11^2 + 11^2 + 19^0 = 73 + 100 + 112 + 112 + 190 \\ 587 &:= 7^3 + 11^0 + 11^2 + 11^2 + 18^0 = 73 + 110 + 112 + 112 + 180 \\ 587 &:= 7^3 + 11^2 + 11^2 + 12^0 + 17^0 = 73 + 112 + 112 + 120 + 170 \\ 587 &:= 7^3 + 11^2 + 11^2 + 13^0 + 16^0 = 73 + 112 + 112 + 130 + 160 \\ 587 &:= 7^3 + 11^2 + 11^2 + 14^0 + 15^0 = 73 + 112 + 112 + 140 + 150 \\ 587 &:= 7^3 + 8^0 + 11^2 + 11^2 + 21^0 = 73 + 80 + 112 + 112 + 210 \\ 587 &:= 7^3 + 8^1 + 10^1 + 15^2 + 18^0 = 73 + 81 + 101 + 152 + 180 \\ 587 &:= 7^3 + 9^0 + 11^2 + 11^2 + 20^0 = 73 + 90 + 112 + 112 + 200 \\ 587 &:= 7^3 + 9^1 + 9^1 + 15^2 + 18^0 = 73 + 91 + 91 + 152 + 180 \\ 587 &:= 8^0 + 8^2 + 10^1 + 16^2 + 16^2 = 80 + 82 + 101 + 162 + 162 \\ 587 &:= 8^0 + 9^1 + 12^2 + 12^2 + 17^2 = 80 + 91 + 122 + 122 + 172 \\ 587 &:= 8^1 + 8^2 + 10^0 + 15^2 + 17^2 = 81 + 82 + 100 + 152 + 172 \end{aligned}$$

2.2.489 Number 588

$588 := 1^0 + 3^5 + 7^3 + 47^0$	$= 10 + 35 + 73 + 470$	$588 := 1^0 + 1^5 + 9^1 + 23^0 + 24^2$	$= 10 + 15 + 91 + 230 + 242$
$588 := 1^2 + 3^3 + 23^2 + 31^1$	$= 12 + 33 + 232 + 311$	$588 := 1^0 + 2^3 + 14^2 + 19^2 + 22^1$	$= 10 + 23 + 142 + 192 + 221$
$588 := 1^3 + 11^2 + 21^2 + 25^1$	$= 13 + 112 + 212 + 251$	$588 := 1^0 + 2^5 + 7^0 + 23^2 + 25^1$	$= 10 + 25 + 70 + 232 + 251$
$588 := 1^4 + 15^2 + 19^2 + 23^0$	$= 14 + 152 + 192 + 230$	$588 := 1^0 + 3^4 + 12^2 + 19^2 + 23^0$	$= 10 + 34 + 122 + 192 + 230$
$588 := 1^5 + 10^1 + 23^0 + 24^2$	$= 15 + 101 + 230 + 242$	$588 := 1^0 + 3^4 + 8^2 + 21^2 + 25^0$	$= 10 + 34 + 82 + 212 + 250$
$588 := 2^0 + 3^5 + 7^3 + 46^0$	$= 20 + 35 + 73 + 460$	$588 := 1^0 + 3^5 + 17^0 + 18^2 + 19^1$	$= 10 + 35 + 170 + 182 + 191$
$588 := 2^3 + 14^2 + 19^2 + 23^1$	$= 23 + 142 + 192 + 231$	$588 := 1^0 + 4^3 + 10^2 + 20^2 + 23^1$	$= 10 + 43 + 102 + 202 + 231$
$588 := 2^5 + 7^0 + 23^2 + 26^1$	$= 25 + 70 + 232 + 261$	$588 := 1^0 + 5^3 + 6^2 + 20^2 + 26^1$	$= 10 + 53 + 62 + 202 + 261$
$588 := 3^0 + 3^5 + 7^3 + 45^0$	$= 30 + 35 + 73 + 450$	$588 := 1^0 + 6^3 + 11^2 + 15^2 + 25^1$	$= 10 + 63 + 112 + 152 + 251$
$588 := 3^2 + 5^2 + 8^3 + 42^1$	$= 32 + 52 + 83 + 421$	$588 := 1^1 + 1^2 + 11^2 + 21^2 + 24^1$	$= 11 + 12 + 112 + 212 + 241$
$588 := 3^5 + 17^0 + 18^2 + 20^1$	$= 35 + 170 + 182 + 201$	$588 := 1^1 + 1^3 + 12^2 + 21^2 + 23^0$	$= 11 + 13 + 122 + 212 + 230$
$588 := 3^5 + 4^0 + 7^3 + 44^0$	$= 35 + 40 + 73 + 440$	$588 := 1^1 + 1^4 + 9^1 + 23^0 + 24^2$	$= 11 + 14 + 91 + 230 + 242$
$588 := 3^5 + 5^0 + 7^3 + 43^0$	$= 35 + 50 + 73 + 430$	$588 := 1^1 + 11^2 + 15^2 + 15^2 + 16^1$	$= 11 + 112 + 152 + 152 + 161$
$588 := 3^5 + 6^0 + 7^3 + 42^0$	$= 35 + 60 + 73 + 420$	$588 := 1^1 + 2^3 + 17^2 + 17^2 + 21^0$	$= 11 + 23 + 172 + 172 + 210$
$588 := 3^5 + 7^0 + 7^3 + 41^0$	$= 35 + 70 + 73 + 410$	$588 := 1^1 + 2^3 + 7^2 + 23^2 + 25^0$	$= 11 + 23 + 72 + 232 + 250$
$588 := 3^5 + 7^3 + 10^0 + 38^0$	$= 35 + 73 + 100 + 380$	$588 := 1^1 + 3^2 + 14^2 + 19^2 + 21^1$	$= 11 + 32 + 142 + 192 + 211$
$588 := 3^5 + 7^3 + 11^0 + 37^0$	$= 35 + 73 + 110 + 370$	$588 := 1^1 + 3^3 + 10^1 + 21^1 + 23^2$	$= 11 + 33 + 101 + 211 + 232$
$588 := 3^5 + 7^3 + 12^0 + 36^0$	$= 35 + 73 + 120 + 360$	$588 := 1^1 + 3^3 + 11^1 + 20^1 + 23^2$	$= 11 + 33 + 111 + 201 + 232$
$588 := 3^5 + 7^3 + 13^0 + 35^0$	$= 35 + 73 + 130 + 350$	$588 := 1^1 + 3^3 + 12^1 + 19^1 + 23^2$	$= 11 + 33 + 121 + 191 + 232$
$588 := 3^5 + 7^3 + 14^0 + 34^0$	$= 35 + 73 + 140 + 340$	$588 := 1^1 + 3^3 + 13^1 + 18^1 + 23^2$	$= 11 + 33 + 131 + 181 + 232$
$588 := 3^5 + 7^3 + 15^0 + 33^0$	$= 35 + 73 + 150 + 330$	$588 := 1^1 + 3^3 + 14^1 + 17^1 + 23^2$	$= 11 + 33 + 141 + 171 + 232$
$588 := 3^5 + 7^3 + 16^0 + 32^0$	$= 35 + 73 + 160 + 320$	$588 := 1^1 + 3^3 + 15^1 + 16^1 + 23^2$	$= 11 + 33 + 151 + 161 + 232$
$588 := 3^5 + 7^3 + 17^0 + 31^0$	$= 35 + 73 + 170 + 310$	$588 := 1^1 + 3^3 + 4^1 + 23^2 + 27^1$	$= 11 + 33 + 41 + 232 + 271$
$588 := 3^5 + 7^3 + 18^0 + 30^0$	$= 35 + 73 + 180 + 300$	$588 := 1^1 + 3^3 + 5^1 + 23^2 + 26^1$	$= 11 + 33 + 51 + 232 + 261$
$588 := 3^5 + 7^3 + 19^0 + 29^0$	$= 35 + 73 + 190 + 290$	$588 := 1^1 + 3^3 + 6^1 + 23^2 + 25^1$	$= 11 + 33 + 61 + 232 + 251$
$588 := 3^5 + 7^3 + 20^0 + 28^0$	$= 35 + 73 + 200 + 280$	$588 := 1^1 + 3^3 + 7^1 + 23^2 + 24^1$	$= 11 + 33 + 71 + 232 + 241$
$588 := 3^5 + 7^3 + 21^0 + 27^0$	$= 35 + 73 + 210 + 270$	$588 := 1^1 + 3^3 + 8^1 + 23^1 + 23^2$	$= 11 + 33 + 81 + 231 + 232$
$588 := 3^5 + 7^3 + 22^0 + 26^0$	$= 35 + 73 + 220 + 260$	$588 := 1^1 + 3^3 + 9^1 + 22^1 + 23^2$	$= 11 + 33 + 91 + 221 + 232$
$588 := 3^5 + 7^3 + 23^0 + 25^0$	$= 35 + 73 + 230 + 250$	$588 := 1^1 + 3^4 + 11^0 + 21^1 + 22^2$	$= 11 + 34 + 110 + 211 + 222$
$588 := 3^5 + 7^3 + 24^0 + 24^0$	$= 35 + 73 + 240 + 240$	$588 := 1^1 + 4^2 + 4^2 + 23^2 + 26^1$	$= 11 + 42 + 42 + 232 + 261$
$588 := 3^5 + 7^3 + 8^0 + 40^0$	$= 35 + 73 + 80 + 400$	$588 := 1^1 + 4^2 + 8^2 + 22^2 + 23^1$	$= 11 + 42 + 82 + 222 + 231$
$588 := 3^5 + 7^3 + 9^0 + 39^0$	$= 35 + 73 + 90 + 390$	$588 := 1^1 + 4^3 + 9^2 + 21^2 + 23^0$	$= 11 + 43 + 92 + 212 + 230$
$588 := 4^2 + 7^3 + 14^2 + 33^1$	$= 42 + 73 + 142 + 331$	$588 := 1^1 + 5^2 + 10^2 + 21^1 + 21^2$	$= 11 + 52 + 102 + 211 + 212$
$588 := 4^3 + 10^2 + 20^2 + 24^1$	$= 43 + 102 + 202 + 241$	$588 := 1^1 + 5^3 + 10^2 + 19^2 + 23^0$	$= 11 + 53 + 102 + 192 + 230$
$588 := 5^3 + 6^2 + 20^2 + 27^1$	$= 53 + 62 + 202 + 271$	$588 := 1^1 + 6^3 + 7^3 + 17^0 + 27^1$	$= 11 + 63 + 73 + 170 + 271$
$588 := 6^3 + 11^2 + 15^2 + 26^1$	$= 63 + 112 + 152 + 261$	$588 := 1^1 + 6^3 + 9^2 + 17^2 + 25^0$	$= 11 + 63 + 92 + 172 + 250$
$588 := 1^0 + 1^3 + 11^2 + 21^2 + 24^1$	$= 10 + 13 + 112 + 212 + 241$	$588 := 1^1 + 7^2 + 14^2 + 18^1 + 18^2$	$= 11 + 72 + 142 + 181 + 182$
$588 := 1^0 + 1^4 + 12^2 + 21^2 + 23^0$	$= 10 + 14 + 122 + 212 + 230$	$588 := 1^1 + 8^2 + 12^2 + 18^1 + 19^2$	$= 11 + 82 + 122 + 181 + 192$

$$\begin{aligned} 588 &:= 1^2 + 1^2 + 12^2 + 21^2 + 23^0 = 12 + 12 + 122 + 212 + 230 \\ 588 &:= 1^2 + 1^3 + 9^1 + 23^0 + 24^2 = 12 + 13 + 91 + 230 + 242 \\ 588 &:= 1^2 + 10^1 + 11^2 + 15^1 + 21^2 = 12 + 101 + 112 + 151 + 212 \\ 588 &:= 1^2 + 11^1 + 11^2 + 14^1 + 21^2 = 12 + 111 + 112 + 141 + 212 \\ 588 &:= 1^2 + 11^2 + 12^1 + 13^1 + 21^2 = 12 + 112 + 121 + 131 + 212 \\ 588 &:= 1^2 + 2^1 + 11^2 + 21^2 + 23^1 = 12 + 21 + 112 + 212 + 231 \\ 588 &:= 1^2 + 3^1 + 11^2 + 21^2 + 22^1 = 12 + 31 + 112 + 212 + 221 \\ 588 &:= 1^2 + 4^1 + 11^2 + 21^1 + 21^2 = 12 + 41 + 112 + 211 + 212 \\ 588 &:= 1^2 + 5^1 + 11^2 + 20^1 + 21^2 = 12 + 51 + 112 + 201 + 212 \\ 588 &:= 1^2 + 5^3 + 11^0 + 20^1 + 21^2 = 12 + 53 + 110 + 201 + 212 \\ 588 &:= 1^2 + 6^1 + 11^2 + 19^1 + 21^2 = 12 + 61 + 112 + 191 + 212 \\ 588 &:= 1^2 + 6^3 + 9^1 + 19^2 + 23^0 = 12 + 63 + 91 + 192 + 230 \\ 588 &:= 1^2 + 7^1 + 11^2 + 18^1 + 21^2 = 12 + 71 + 112 + 181 + 212 \\ 588 &:= 1^2 + 7^2 + 8^3 + 17^0 + 25^1 = 12 + 72 + 83 + 170 + 251 \\ 588 &:= 1^2 + 7^3 + 15^2 + 17^0 + 18^1 = 12 + 73 + 152 + 170 + 181 \\ 588 &:= 1^2 + 8^1 + 11^2 + 17^1 + 21^2 = 12 + 81 + 112 + 171 + 212 \\ 588 &:= 1^2 + 8^2 + 9^2 + 19^0 + 21^2 = 12 + 82 + 92 + 190 + 212 \\ 588 &:= 1^2 + 9^1 + 11^2 + 16^1 + 21^2 = 12 + 91 + 112 + 161 + 212 \\ 588 &:= 1^2 + 9^2 + 12^2 + 17^0 + 19^2 = 12 + 92 + 122 + 170 + 192 \\ 588 &:= 1^3 + 2^1 + 10^2 + 22^2 + 23^0 = 13 + 21 + 102 + 222 + 230 \\ 588 &:= 1^3 + 2^2 + 6^1 + 24^2 + 25^0 = 13 + 22 + 61 + 242 + 250 \\ 588 &:= 1^3 + 5^0 + 9^2 + 21^1 + 22^2 = 13 + 50 + 92 + 211 + 222 \\ 588 &:= 1^3 + 6^1 + 16^2 + 17^0 + 18^2 = 13 + 61 + 162 + 170 + 182 \\ 588 &:= 1^3 + 6^2 + 7^0 + 21^1 + 23^2 = 13 + 62 + 70 + 211 + 232 \\ 588 &:= 1^3 + 7^0 + 13^2 + 17^1 + 20^2 = 13 + 70 + 132 + 171 + 202 \\ 588 &:= 1^3 + 7^2 + 8^1 + 19^0 + 23^2 = 13 + 72 + 81 + 190 + 232 \\ 588 &:= 1^3 + 8^1 + 15^0 + 17^2 + 17^2 = 13 + 81 + 150 + 172 + 172 \\ 588 &:= 1^4 + 10^0 + 12^2 + 14^0 + 21^2 = 14 + 100 + 122 + 140 + 212 \\ 588 &:= 1^4 + 11^0 + 12^2 + 13^0 + 21^2 = 14 + 110 + 122 + 130 + 212 \\ 588 &:= 1^4 + 12^0 + 12^0 + 12^2 + 21^2 = 14 + 120 + 120 + 122 + 212 \\ 588 &:= 1^4 + 2^0 + 12^2 + 21^2 + 22^0 = 14 + 20 + 122 + 212 + 220 \\ 588 &:= 1^4 + 2^1 + 8^1 + 23^0 + 24^2 = 14 + 21 + 81 + 230 + 242 \\ 588 &:= 1^4 + 3^0 + 12^2 + 21^0 + 21^2 = 14 + 30 + 122 + 210 + 212 \\ 588 &:= 1^4 + 3^0 + 3^2 + 24^2 + 27^0 = 14 + 30 + 32 + 242 + 270 \\ 588 &:= 1^4 + 3^1 + 7^1 + 23^0 + 24^2 = 14 + 31 + 71 + 230 + 242 \\ 588 &:= 1^4 + 3^2 + 10^0 + 20^0 + 24^2 = 14 + 32 + 100 + 200 + 242 \\ 588 &:= 1^4 + 3^2 + 11^0 + 19^0 + 24^2 = 14 + 32 + 110 + 190 + 242 \\ 588 &:= 1^4 + 3^2 + 12^0 + 18^0 + 24^2 = 14 + 32 + 120 + 180 + 242 \end{aligned}$$

$$\begin{aligned} 588 &:= 1^4 + 3^2 + 13^0 + 17^0 + 24^2 = 14 + 32 + 130 + 170 + 242 \\ 588 &:= 1^4 + 3^2 + 14^0 + 16^0 + 24^2 = 14 + 32 + 140 + 160 + 242 \\ 588 &:= 1^4 + 3^2 + 15^0 + 15^0 + 24^2 = 14 + 32 + 150 + 150 + 242 \\ 588 &:= 1^4 + 3^2 + 4^0 + 24^2 + 26^0 = 14 + 32 + 40 + 242 + 260 \\ 588 &:= 1^4 + 3^2 + 5^0 + 24^2 + 25^0 = 14 + 32 + 50 + 242 + 250 \\ 588 &:= 1^4 + 3^2 + 6^0 + 24^0 + 24^2 = 14 + 32 + 60 + 240 + 242 \\ 588 &:= 1^4 + 3^2 + 7^0 + 23^0 + 24^2 = 14 + 32 + 70 + 230 + 242 \\ 588 &:= 1^4 + 3^2 + 8^0 + 22^0 + 24^2 = 14 + 32 + 80 + 220 + 242 \\ 588 &:= 1^4 + 3^2 + 9^0 + 21^0 + 24^2 = 14 + 32 + 90 + 210 + 242 \\ 588 &:= 1^4 + 4^0 + 12^2 + 20^0 + 21^2 = 14 + 40 + 122 + 200 + 212 \\ 588 &:= 1^4 + 4^1 + 6^1 + 23^0 + 24^2 = 14 + 41 + 61 + 230 + 242 \\ 588 &:= 1^4 + 5^0 + 12^2 + 19^0 + 21^2 = 14 + 50 + 122 + 190 + 212 \\ 588 &:= 1^4 + 5^1 + 5^1 + 23^0 + 24^2 = 14 + 51 + 51 + 230 + 242 \\ 588 &:= 1^4 + 6^0 + 12^2 + 18^0 + 21^2 = 14 + 60 + 122 + 180 + 212 \\ 588 &:= 1^4 + 7^0 + 12^2 + 17^0 + 21^2 = 14 + 70 + 122 + 170 + 212 \\ 588 &:= 1^4 + 8^0 + 12^2 + 16^0 + 21^2 = 14 + 80 + 122 + 160 + 212 \\ 588 &:= 1^4 + 9^0 + 12^2 + 15^0 + 21^2 = 14 + 90 + 122 + 150 + 212 \\ 588 &:= 1^5 + 1^9 + 12^2 + 21^2 + 22^0 = 15 + 19 + 122 + 212 + 220 \\ 588 &:= 1^5 + 2^0 + 9^1 + 22^0 + 24^2 = 15 + 20 + 91 + 220 + 242 \\ 588 &:= 1^5 + 3^0 + 9^1 + 21^0 + 24^2 = 15 + 30 + 91 + 210 + 242 \\ 588 &:= 1^5 + 4^0 + 9^1 + 20^0 + 24^2 = 15 + 40 + 91 + 200 + 242 \\ 588 &:= 1^5 + 5^0 + 9^1 + 19^0 + 24^2 = 15 + 50 + 91 + 190 + 242 \\ 588 &:= 1^5 + 6^0 + 9^1 + 18^0 + 24^2 = 15 + 60 + 91 + 180 + 242 \\ 588 &:= 1^5 + 7^0 + 9^1 + 17^0 + 24^2 = 15 + 70 + 91 + 170 + 242 \\ 588 &:= 1^5 + 8^0 + 9^1 + 16^0 + 24^2 = 15 + 80 + 91 + 160 + 242 \\ 588 &:= 1^5 + 9^0 + 9^1 + 15^0 + 24^2 = 15 + 90 + 91 + 150 + 242 \\ 588 &:= 1^5 + 9^1 + 10^0 + 14^0 + 24^2 = 15 + 91 + 100 + 140 + 242 \\ 588 &:= 1^5 + 9^1 + 11^0 + 13^0 + 24^2 = 15 + 91 + 110 + 130 + 242 \\ 588 &:= 1^5 + 9^1 + 12^0 + 12^0 + 24^2 = 15 + 91 + 120 + 120 + 242 \\ 588 &:= 1^6 + 1^8 + 12^2 + 21^2 + 22^0 = 16 + 18 + 122 + 212 + 220 \\ 588 &:= 1^6 + 1^9 + 9^1 + 22^0 + 24^2 = 16 + 19 + 91 + 220 + 242 \\ 588 &:= 1^6 + 2^9 + 7^2 + 22^0 + 25^1 = 16 + 29 + 72 + 220 + 251 \\ 588 &:= 1^7 + 1^7 + 12^2 + 21^2 + 22^0 = 17 + 17 + 122 + 212 + 220 \\ 588 &:= 1^7 + 1^8 + 9^1 + 22^0 + 24^2 = 17 + 18 + 91 + 220 + 242 \\ 588 &:= 1^7 + 2^7 + 13^2 + 17^2 + 24^0 = 17 + 27 + 132 + 172 + 240 \\ 588 &:= 1^8 + 2^6 + 9^2 + 21^2 + 24^0 = 18 + 26 + 92 + 212 + 240 \\ 588 &:= 1^8 + 2^7 + 16^0 + 17^1 + 21^2 = 18 + 27 + 160 + 171 + 212 \\ 588 &:= 1^9 + 2^5 + 5^2 + 23^2 + 26^0 = 19 + 25 + 52 + 232 + 260 \end{aligned}$$

$$\begin{aligned} 588 &:= 2^0 + 2^5 + 6^0 + 23^2 + 25^1 = 20 + 25 + 60 + 232 + 251 \\ 588 &:= 2^0 + 3^4 + 12^2 + 19^2 + 22^0 = 20 + 34 + 122 + 192 + 220 \\ 588 &:= 2^0 + 3^4 + 8^2 + 21^2 + 24^0 = 20 + 34 + 82 + 212 + 240 \\ 588 &:= 2^0 + 3^5 + 16^0 + 18^2 + 19^1 = 20 + 35 + 160 + 182 + 191 \\ 588 &:= 2^1 + 11^2 + 15^1 + 15^2 + 15^2 = 21 + 112 + 151 + 152 + 152 \\ 588 &:= 2^1 + 3^1 + 3^3 + 23^2 + 27^1 = 21 + 31 + 33 + 232 + 271 \\ 588 &:= 2^1 + 3^2 + 14^2 + 19^2 + 20^1 = 21 + 32 + 142 + 192 + 201 \\ 588 &:= 2^1 + 3^3 + 10^1 + 20^1 + 23^2 = 21 + 33 + 101 + 201 + 232 \\ 588 &:= 2^1 + 3^3 + 11^1 + 19^1 + 23^2 = 21 + 33 + 111 + 191 + 232 \\ 588 &:= 2^1 + 3^3 + 12^1 + 18^1 + 23^2 = 21 + 33 + 121 + 181 + 232 \\ 588 &:= 2^1 + 3^3 + 13^1 + 17^1 + 23^2 = 21 + 33 + 131 + 171 + 232 \\ 588 &:= 2^1 + 3^3 + 14^1 + 16^1 + 23^2 = 21 + 33 + 141 + 161 + 232 \\ 588 &:= 2^1 + 3^3 + 15^1 + 15^1 + 23^2 = 21 + 33 + 151 + 151 + 232 \\ 588 &:= 2^1 + 3^3 + 4^1 + 23^2 + 26^1 = 21 + 33 + 41 + 232 + 261 \\ 588 &:= 2^1 + 3^3 + 5^1 + 23^2 + 25^1 = 21 + 33 + 51 + 232 + 251 \\ 588 &:= 2^1 + 3^3 + 6^1 + 23^2 + 24^1 = 21 + 33 + 61 + 232 + 241 \\ 588 &:= 2^1 + 3^3 + 7^1 + 23^1 + 23^2 = 21 + 33 + 71 + 231 + 232 \\ 588 &:= 2^1 + 3^3 + 8^1 + 22^1 + 23^2 = 21 + 33 + 81 + 221 + 232 \\ 588 &:= 2^1 + 3^3 + 9^1 + 21^1 + 23^2 = 21 + 33 + 91 + 211 + 232 \\ 588 &:= 2^1 + 3^4 + 11^0 + 20^1 + 22^2 = 21 + 34 + 110 + 201 + 222 \\ 588 &:= 2^1 + 4^2 + 4^2 + 23^2 + 25^1 = 21 + 42 + 42 + 232 + 251 \\ 588 &:= 2^1 + 4^2 + 8^2 + 22^1 + 22^2 = 21 + 42 + 82 + 221 + 222 \\ 588 &:= 2^1 + 4^3 + 11^2 + 20^2 + 21^0 = 21 + 43 + 112 + 202 + 210 \\ 588 &:= 2^1 + 5^2 + 10^2 + 20^1 + 21^2 = 21 + 52 + 102 + 201 + 212 \\ 588 &:= 2^1 + 6^3 + 12^2 + 15^2 + 23^0 = 21 + 63 + 122 + 152 + 230 \\ 588 &:= 2^1 + 6^3 + 7^3 + 17^0 + 26^1 = 21 + 63 + 73 + 170 + 261 \\ 588 &:= 2^1 + 7^2 + 14^2 + 17^1 + 18^2 = 21 + 72 + 142 + 171 + 182 \\ 588 &:= 2^1 + 7^3 + 11^2 + 11^2 + 27^0 = 21 + 73 + 112 + 112 + 270 \\ 588 &:= 2^1 + 8^2 + 12^2 + 17^1 + 19^2 = 21 + 82 + 122 + 171 + 192 \\ 588 &:= 2^2 + 3^0 + 3^3 + 23^2 + 27^1 = 22 + 30 + 33 + 232 + 271 \\ 588 &:= 2^2 + 5^3 + 13^0 + 17^1 + 21^2 = 22 + 53 + 130 + 171 + 212 \\ 588 &:= 2^2 + 6^1 + 6^3 + 19^2 + 25^0 = 22 + 61 + 63 + 192 + 250 \\ 588 &:= 2^2 + 7^2 + 8^3 + 19^0 + 22^1 = 22 + 72 + 83 + 190 + 221 \\ 588 &:= 2^2 + 7^3 + 15^1 + 15^2 + 19^0 = 22 + 73 + 151 + 152 + 190 \\ 588 &:= 2^3 + 10^1 + 13^0 + 13^2 + 20^2 = 23 + 101 + 130 + 132 + 202 \\ 588 &:= 2^3 + 3^0 + 5^2 + 23^2 + 25^1 = 23 + 30 + 52 + 232 + 251 \\ 588 &:= 2^3 + 6^2 + 13^0 + 14^1 + 23^2 = 23 + 62 + 130 + 141 + 232 \\ 588 &:= 2^3 + 7^0 + 11^2 + 17^1 + 21^2 = 23 + 70 + 112 + 171 + 212 \end{aligned}$$

$$\begin{aligned} 588 &:= 2^3 + 9^2 + 11^0 + 14^1 + 22^2 = 23 + 92 + 110 + 141 + 222 \\ 588 &:= 2^5 + 3^0 + 5^0 + 23^2 + 25^1 = 25 + 30 + 50 + 232 + 251 \\ 588 &:= 2^5 + 4^0 + 4^0 + 23^2 + 25^1 = 25 + 40 + 40 + 232 + 251 \\ 588 &:= 3^0 + 3^4 + 12^2 + 19^2 + 21^0 = 30 + 34 + 122 + 192 + 210 \\ 588 &:= 3^0 + 3^4 + 8^2 + 21^2 + 23^0 = 30 + 34 + 82 + 212 + 230 \\ 588 &:= 3^0 + 3^5 + 15^0 + 18^2 + 19^1 = 30 + 35 + 150 + 182 + 191 \\ 588 &:= 3^1 + 11^2 + 14^1 + 15^2 + 15^2 = 31 + 112 + 141 + 152 + 152 \\ 588 &:= 3^1 + 3^1 + 3^3 + 23^2 + 26^1 = 31 + 31 + 33 + 232 + 261 \\ 588 &:= 3^1 + 3^2 + 14^2 + 19^1 + 19^2 = 31 + 32 + 142 + 191 + 192 \\ 588 &:= 3^1 + 3^3 + 10^1 + 19^1 + 23^2 = 31 + 33 + 101 + 191 + 232 \\ 588 &:= 3^1 + 3^3 + 11^1 + 18^1 + 23^2 = 31 + 33 + 111 + 181 + 232 \\ 588 &:= 3^1 + 3^3 + 12^1 + 17^1 + 23^2 = 31 + 33 + 121 + 171 + 232 \\ 588 &:= 3^1 + 3^3 + 13^1 + 16^1 + 23^2 = 31 + 33 + 131 + 161 + 232 \\ 588 &:= 3^1 + 3^3 + 14^1 + 15^1 + 23^2 = 31 + 33 + 141 + 151 + 232 \\ 588 &:= 3^1 + 3^3 + 14^2 + 19^0 + 19^2 = 31 + 33 + 142 + 190 + 192 \\ 588 &:= 3^1 + 3^3 + 4^1 + 23^2 + 25^1 = 31 + 33 + 41 + 232 + 251 \\ 588 &:= 3^1 + 3^3 + 5^1 + 23^2 + 24^1 = 31 + 33 + 51 + 232 + 241 \\ 588 &:= 3^1 + 3^3 + 6^1 + 23^1 + 23^2 = 31 + 33 + 61 + 231 + 232 \\ 588 &:= 3^1 + 3^3 + 7^1 + 22^1 + 23^2 = 31 + 33 + 71 + 221 + 232 \\ 588 &:= 3^1 + 3^3 + 8^1 + 21^1 + 23^2 = 31 + 33 + 81 + 211 + 232 \\ 588 &:= 3^1 + 3^3 + 9^1 + 20^1 + 23^2 = 31 + 33 + 91 + 201 + 232 \\ 588 &:= 3^1 + 3^4 + 11^0 + 19^1 + 22^2 = 31 + 34 + 110 + 191 + 222 \\ 588 &:= 3^1 + 4^2 + 4^2 + 23^2 + 24^1 = 31 + 42 + 42 + 232 + 241 \\ 588 &:= 3^1 + 4^2 + 8^2 + 21^1 + 22^2 = 31 + 42 + 82 + 211 + 222 \\ 588 &:= 3^1 + 4^3 + 14^2 + 18^2 + 19^0 = 31 + 43 + 142 + 182 + 190 \\ 588 &:= 3^1 + 4^3 + 6^2 + 22^2 + 23^0 = 31 + 43 + 62 + 222 + 230 \\ 588 &:= 3^1 + 5^2 + 10^2 + 19^1 + 21^2 = 31 + 52 + 102 + 191 + 212 \\ 588 &:= 3^1 + 6^3 + 7^3 + 17^0 + 25^1 = 31 + 63 + 73 + 170 + 251 \\ 588 &:= 3^1 + 7^2 + 14^2 + 16^1 + 18^2 = 31 + 72 + 142 + 161 + 182 \\ 588 &:= 3^1 + 8^2 + 12^2 + 16^1 + 19^2 = 31 + 82 + 122 + 161 + 192 \\ 588 &:= 3^2 + 10^1 + 12^1 + 14^2 + 19^2 = 32 + 101 + 121 + 142 + 192 \\ 588 &:= 3^2 + 11^1 + 11^1 + 14^2 + 19^2 = 32 + 111 + 111 + 142 + 192 \\ 588 &:= 3^2 + 3^2 + 13^2 + 19^0 + 20^2 = 32 + 32 + 132 + 190 + 202 \\ 588 &:= 3^2 + 3^3 + 7^0 + 22^1 + 23^2 = 32 + 33 + 70 + 221 + 232 \\ 588 &:= 3^2 + 4^1 + 14^2 + 18^1 + 19^2 = 32 + 41 + 142 + 181 + 192 \\ 588 &:= 3^2 + 4^2 + 11^2 + 19^0 + 21^2 = 32 + 42 + 112 + 190 + 212 \\ 588 &:= 3^2 + 5^1 + 14^2 + 17^1 + 19^2 = 32 + 51 + 142 + 171 + 192 \\ 588 &:= 3^2 + 5^3 + 12^1 + 17^0 + 21^2 = 32 + 53 + 121 + 170 + 212 \end{aligned}$$

$$\begin{aligned} 588 &:= 3^2 + 6^1 + 14^2 + 16^1 + 19^2 = 32 + 61 + 142 + 161 + 192 & 588 &:= 3^3 + 6^1 + 7^1 + 19^1 + 23^2 = 33 + 61 + 71 + 191 + 232 \\ 588 &:= 3^2 + 7^1 + 14^2 + 15^1 + 19^2 = 32 + 71 + 142 + 151 + 192 & 588 &:= 3^3 + 6^1 + 8^1 + 18^1 + 23^2 = 33 + 61 + 81 + 181 + 232 \\ 588 &:= 3^2 + 7^2 + 8^3 + 17^1 + 23^0 = 32 + 72 + 83 + 171 + 230 & 588 &:= 3^3 + 6^1 + 9^1 + 17^1 + 23^2 = 33 + 61 + 91 + 171 + 232 \\ 588 &:= 3^2 + 7^3 + 10^1 + 15^2 + 23^0 = 32 + 73 + 101 + 152 + 230 & 588 &:= 3^3 + 7^0 + 12^2 + 16^1 + 20^2 = 33 + 70 + 122 + 161 + 202 \\ 588 &:= 3^2 + 8^1 + 14^1 + 14^2 + 19^2 = 32 + 81 + 141 + 142 + 192 & 588 &:= 3^3 + 7^0 + 15^1 + 16^2 + 17^2 = 33 + 70 + 151 + 162 + 172 \\ 588 &:= 3^2 + 8^2 + 15^0 + 15^2 + 17^2 = 32 + 82 + 150 + 152 + 172 & 588 &:= 3^3 + 7^1 + 10^1 + 15^1 + 23^2 = 33 + 71 + 101 + 151 + 232 \\ 588 &:= 3^2 + 9^1 + 13^1 + 14^2 + 19^2 = 32 + 91 + 131 + 142 + 192 & 588 &:= 3^3 + 7^1 + 11^1 + 14^1 + 23^2 = 33 + 71 + 111 + 141 + 232 \\ 588 &:= 3^3 + 10^1 + 10^1 + 12^1 + 23^2 = 33 + 101 + 101 + 121 + 232 & 588 &:= 3^3 + 7^1 + 12^1 + 13^1 + 23^2 = 33 + 71 + 121 + 131 + 232 \\ 588 &:= 3^3 + 10^1 + 11^1 + 11^1 + 23^2 = 33 + 101 + 111 + 111 + 232 & 588 &:= 3^3 + 7^1 + 7^1 + 18^1 + 23^2 = 33 + 71 + 71 + 181 + 232 \\ 588 &:= 3^3 + 11^0 + 11^1 + 15^2 + 18^2 = 33 + 110 + 111 + 152 + 182 & 588 &:= 3^3 + 7^1 + 8^1 + 17^1 + 23^2 = 33 + 71 + 81 + 171 + 232 \\ 588 &:= 3^3 + 4^1 + 10^1 + 18^1 + 23^2 = 33 + 41 + 101 + 181 + 232 & 588 &:= 3^3 + 7^1 + 9^1 + 16^1 + 23^2 = 33 + 71 + 91 + 161 + 232 \\ 588 &:= 3^3 + 4^1 + 11^1 + 17^1 + 23^2 = 33 + 41 + 111 + 171 + 232 & 588 &:= 3^3 + 8^1 + 10^1 + 14^1 + 23^2 = 33 + 81 + 101 + 141 + 232 \\ 588 &:= 3^3 + 4^1 + 12^1 + 16^1 + 23^2 = 33 + 41 + 121 + 161 + 232 & 588 &:= 3^3 + 8^1 + 11^1 + 13^1 + 23^2 = 33 + 81 + 111 + 131 + 232 \\ 588 &:= 3^3 + 4^1 + 13^1 + 15^1 + 23^2 = 33 + 41 + 131 + 151 + 232 & 588 &:= 3^3 + 8^1 + 12^1 + 12^1 + 23^2 = 33 + 81 + 121 + 121 + 232 \\ 588 &:= 3^3 + 4^1 + 14^1 + 14^1 + 23^2 = 33 + 41 + 141 + 141 + 232 & 588 &:= 3^3 + 8^1 + 8^1 + 16^1 + 23^2 = 33 + 81 + 81 + 161 + 232 \\ 588 &:= 3^3 + 4^1 + 4^1 + 23^2 + 24^1 = 33 + 41 + 41 + 232 + 241 & 588 &:= 3^3 + 8^1 + 9^1 + 15^1 + 23^2 = 33 + 81 + 91 + 151 + 232 \\ 588 &:= 3^3 + 4^1 + 5^1 + 23^1 + 23^2 = 33 + 41 + 51 + 231 + 232 & 588 &:= 3^3 + 8^2 + 12^1 + 13^0 + 22^2 = 33 + 82 + 121 + 130 + 222 \\ 588 &:= 3^3 + 4^1 + 6^1 + 22^1 + 23^2 = 33 + 41 + 61 + 221 + 232 & 588 &:= 3^3 + 9^1 + 10^1 + 13^1 + 23^2 = 33 + 91 + 101 + 131 + 232 \\ 588 &:= 3^3 + 4^1 + 7^1 + 21^1 + 23^2 = 33 + 41 + 71 + 211 + 232 & 588 &:= 3^3 + 9^1 + 11^1 + 12^1 + 23^2 = 33 + 91 + 111 + 121 + 232 \\ 588 &:= 3^3 + 4^1 + 8^1 + 20^1 + 23^2 = 33 + 41 + 81 + 201 + 232 & 588 &:= 3^3 + 9^1 + 9^1 + 14^1 + 23^2 = 33 + 91 + 91 + 141 + 232 \\ 588 &:= 3^3 + 4^1 + 9^1 + 19^1 + 23^2 = 33 + 41 + 91 + 191 + 232 & 588 &:= 3^4 + 10^0 + 12^2 + 14^0 + 19^2 = 34 + 100 + 122 + 140 + 192 \\ 588 &:= 3^3 + 4^2 + 13^0 + 15^1 + 23^2 = 33 + 42 + 130 + 151 + 232 & 588 &:= 3^4 + 10^1 + 11^0 + 12^1 + 22^2 = 34 + 101 + 110 + 121 + 222 \\ 588 &:= 3^3 + 5^0 + 10^2 + 19^1 + 21^2 = 33 + 50 + 102 + 191 + 212 & 588 &:= 3^4 + 11^0 + 11^1 + 11^1 + 22^2 = 34 + 110 + 111 + 111 + 222 \\ 588 &:= 3^3 + 5^1 + 10^1 + 17^1 + 23^2 = 33 + 51 + 101 + 171 + 232 & 588 &:= 3^4 + 11^0 + 12^2 + 13^0 + 19^2 = 34 + 110 + 122 + 130 + 192 \\ 588 &:= 3^3 + 5^1 + 11^1 + 16^1 + 23^2 = 33 + 51 + 111 + 161 + 232 & 588 &:= 3^4 + 12^0 + 12^0 + 12^2 + 19^2 = 34 + 120 + 120 + 122 + 192 \\ 588 &:= 3^3 + 5^1 + 12^1 + 15^1 + 23^2 = 33 + 51 + 121 + 151 + 232 & 588 &:= 3^4 + 4^0 + 12^2 + 19^2 + 20^0 = 34 + 40 + 122 + 192 + 200 \\ 588 &:= 3^3 + 5^1 + 13^1 + 14^1 + 23^2 = 33 + 51 + 131 + 141 + 232 & 588 &:= 3^4 + 4^0 + 8^2 + 21^2 + 22^0 = 34 + 40 + 82 + 212 + 220 \\ 588 &:= 3^3 + 5^1 + 5^1 + 22^1 + 23^2 = 33 + 51 + 51 + 221 + 232 & 588 &:= 3^4 + 4^1 + 11^0 + 18^1 + 22^2 = 34 + 41 + 110 + 181 + 222 \\ 588 &:= 3^3 + 5^1 + 6^1 + 21^1 + 23^2 = 33 + 51 + 61 + 211 + 232 & 588 &:= 3^4 + 5^0 + 12^2 + 19^0 + 19^2 = 34 + 50 + 122 + 190 + 192 \\ 588 &:= 3^3 + 5^1 + 7^1 + 20^1 + 23^2 = 33 + 51 + 71 + 201 + 232 & 588 &:= 3^4 + 5^0 + 8^2 + 21^0 + 21^2 = 34 + 50 + 82 + 210 + 212 \\ 588 &:= 3^3 + 5^1 + 8^1 + 19^1 + 23^2 = 33 + 51 + 81 + 191 + 232 & 588 &:= 3^4 + 5^1 + 11^0 + 17^1 + 22^2 = 34 + 51 + 110 + 171 + 222 \\ 588 &:= 3^3 + 5^1 + 9^1 + 18^1 + 23^2 = 33 + 51 + 91 + 181 + 232 & 588 &:= 3^4 + 6^0 + 12^2 + 18^0 + 19^2 = 34 + 60 + 122 + 180 + 192 \\ 588 &:= 3^3 + 5^2 + 6^1 + 21^0 + 23^2 = 33 + 52 + 61 + 210 + 232 & 588 &:= 3^4 + 6^0 + 8^2 + 20^0 + 21^2 = 34 + 60 + 82 + 200 + 212 \\ 588 &:= 3^3 + 6^1 + 10^1 + 16^1 + 23^2 = 33 + 61 + 101 + 161 + 232 & 588 &:= 3^4 + 6^1 + 11^0 + 16^1 + 22^2 = 34 + 61 + 110 + 161 + 222 \\ 588 &:= 3^3 + 6^1 + 11^1 + 15^1 + 23^2 = 33 + 61 + 111 + 151 + 232 & 588 &:= 3^4 + 7^0 + 12^2 + 17^0 + 19^2 = 34 + 70 + 122 + 170 + 192 \\ 588 &:= 3^3 + 6^1 + 12^1 + 14^1 + 23^2 = 33 + 61 + 121 + 141 + 232 & 588 &:= 3^4 + 7^0 + 8^2 + 19^0 + 21^2 = 34 + 70 + 82 + 190 + 212 \\ 588 &:= 3^3 + 6^1 + 13^1 + 13^1 + 23^2 = 33 + 61 + 131 + 131 + 232 & 588 &:= 3^4 + 7^1 + 11^0 + 15^1 + 22^2 = 34 + 71 + 110 + 151 + 222 \\ 588 &:= 3^3 + 6^1 + 6^1 + 20^1 + 23^2 = 33 + 61 + 61 + 201 + 232 & 588 &:= 3^4 + 8^0 + 12^2 + 16^0 + 19^2 = 34 + 80 + 122 + 160 + 192 \end{aligned}$$

$$\begin{aligned} 588 &:= 3^4 + 8^0 + 8^2 + 18^0 + 21^2 = 34 + 80 + 82 + 180 + 212 & 588 &:= 4^2 + 7^1 + 8^2 + 17^1 + 22^2 = 42 + 71 + 82 + 171 + 222 \\ 588 &:= 3^4 + 8^1 + 11^0 + 14^1 + 22^2 = 34 + 81 + 110 + 141 + 222 & 588 &:= 4^2 + 7^2 + 9^2 + 17^0 + 21^2 = 42 + 72 + 92 + 170 + 212 \\ 588 &:= 3^4 + 8^2 + 10^0 + 16^0 + 21^2 = 34 + 82 + 100 + 160 + 212 & 588 &:= 4^2 + 8^1 + 8^2 + 16^1 + 22^2 = 42 + 81 + 82 + 161 + 222 \\ 588 &:= 3^4 + 8^2 + 11^0 + 15^0 + 21^2 = 34 + 82 + 110 + 150 + 212 & 588 &:= 4^2 + 8^2 + 10^1 + 14^1 + 22^2 = 42 + 82 + 101 + 141 + 222 \\ 588 &:= 3^4 + 8^2 + 12^0 + 14^0 + 21^2 = 34 + 82 + 120 + 140 + 212 & 588 &:= 4^2 + 8^2 + 11^1 + 13^1 + 22^2 = 42 + 82 + 111 + 131 + 222 \\ 588 &:= 3^4 + 8^2 + 13^0 + 13^0 + 21^2 = 34 + 82 + 130 + 130 + 212 & 588 &:= 4^2 + 8^2 + 12^1 + 12^1 + 22^2 = 42 + 82 + 121 + 121 + 222 \\ 588 &:= 3^4 + 8^2 + 9^0 + 17^0 + 21^2 = 34 + 82 + 90 + 170 + 212 & 588 &:= 4^2 + 8^2 + 9^1 + 15^1 + 22^2 = 42 + 82 + 91 + 151 + 222 \\ 588 &:= 3^4 + 9^0 + 12^2 + 15^0 + 19^2 = 34 + 90 + 122 + 150 + 192 & 588 &:= 4^3 + 11^0 + 11^1 + 16^2 + 16^2 = 43 + 110 + 111 + 162 + 162 \\ 588 &:= 3^4 + 9^1 + 11^0 + 13^1 + 22^2 = 34 + 91 + 110 + 131 + 222 & 588 &:= 4^3 + 5^0 + 12^2 + 18^1 + 19^2 = 43 + 50 + 122 + 181 + 192 \\ 588 &:= 3^5 + 4^0 + 14^0 + 18^2 + 19^1 = 35 + 40 + 140 + 182 + 191 & 588 &:= 4^3 + 5^2 + 13^0 + 14^1 + 22^2 = 43 + 52 + 130 + 141 + 222 \\ 588 &:= 3^5 + 5^0 + 13^0 + 18^2 + 19^1 = 35 + 50 + 130 + 182 + 191 & 588 &:= 4^3 + 7^0 + 8^2 + 18^1 + 21^2 = 43 + 70 + 82 + 181 + 212 \\ 588 &:= 3^5 + 6^0 + 12^0 + 18^2 + 19^1 = 35 + 60 + 120 + 182 + 191 & 588 &:= 4^3 + 9^1 + 13^0 + 15^2 + 17^2 = 43 + 91 + 130 + 152 + 172 \\ 588 &:= 3^5 + 7^0 + 11^0 + 18^2 + 19^1 = 35 + 70 + 110 + 182 + 191 & 588 &:= 5^0 + 5^3 + 9^2 + 19^2 + 20^1 = 50 + 53 + 92 + 192 + 201 \\ 588 &:= 3^5 + 8^0 + 10^0 + 18^2 + 19^1 = 35 + 80 + 100 + 182 + 191 & 588 &:= 5^0 + 7^2 + 7^3 + 13^2 + 26^1 = 50 + 72 + 73 + 132 + 261 \\ 588 &:= 3^5 + 9^0 + 9^0 + 18^2 + 19^1 = 35 + 90 + 90 + 182 + 191 & 588 &:= 5^1 + 11^2 + 12^1 + 15^2 + 15^2 = 51 + 112 + 121 + 152 + 152 \\ 588 &:= 4^1 + 11^2 + 13^1 + 15^2 + 15^2 = 41 + 112 + 131 + 152 + 152 & 588 &:= 5^1 + 5^2 + 10^2 + 17^1 + 21^2 = 51 + 52 + 102 + 171 + 212 \\ 588 &:= 4^1 + 4^2 + 4^2 + 23^1 + 23^2 = 41 + 42 + 42 + 231 + 232 & 588 &:= 5^1 + 6^3 + 7^3 + 17^0 + 23^1 = 51 + 63 + 73 + 170 + 231 \\ 588 &:= 4^1 + 4^2 + 8^2 + 20^1 + 22^2 = 41 + 42 + 82 + 201 + 222 & 588 &:= 5^1 + 7^2 + 14^1 + 14^2 + 18^2 = 51 + 72 + 141 + 142 + 182 \\ 588 &:= 4^1 + 5^2 + 10^2 + 18^1 + 21^2 = 41 + 52 + 102 + 181 + 212 & 588 &:= 5^1 + 8^2 + 12^2 + 14^1 + 19^2 = 51 + 82 + 122 + 141 + 192 \\ 588 &:= 4^1 + 5^3 + 13^2 + 17^2 + 19^0 = 41 + 53 + 132 + 172 + 190 & 588 &:= 5^2 + 10^1 + 10^2 + 12^1 + 21^2 = 52 + 101 + 102 + 121 + 212 \\ 588 &:= 4^1 + 6^3 + 7^3 + 17^0 + 24^1 = 41 + 63 + 73 + 170 + 241 & 588 &:= 5^2 + 10^2 + 11^1 + 11^1 + 21^2 = 52 + 102 + 111 + 111 + 212 \\ 588 &:= 4^1 + 7^2 + 14^2 + 15^1 + 18^2 = 41 + 72 + 142 + 151 + 182 & 588 &:= 5^2 + 5^2 + 8^3 + 15^0 + 25^1 = 52 + 52 + 83 + 150 + 251 \\ 588 &:= 4^1 + 8^2 + 12^2 + 15^1 + 19^2 = 41 + 82 + 122 + 151 + 192 & 588 &:= 5^2 + 6^1 + 10^2 + 16^1 + 21^2 = 52 + 61 + 102 + 161 + 212 \\ 588 &:= 4^2 + 11^2 + 13^0 + 15^2 + 15^2 = 42 + 112 + 130 + 152 + 152 & 588 &:= 5^2 + 6^2 + 8^3 + 14^1 + 25^0 = 52 + 62 + 83 + 141 + 250 \\ 588 &:= 4^2 + 4^2 + 10^1 + 17^1 + 23^2 = 42 + 42 + 101 + 171 + 232 & 588 &:= 5^2 + 6^3 + 7^0 + 18^2 + 22^1 = 52 + 63 + 70 + 182 + 221 \\ 588 &:= 4^2 + 4^2 + 11^1 + 16^1 + 23^2 = 42 + 42 + 111 + 161 + 232 & 588 &:= 5^2 + 7^1 + 10^2 + 15^1 + 21^2 = 52 + 71 + 102 + 151 + 212 \\ 588 &:= 4^2 + 4^2 + 12^1 + 15^1 + 23^2 = 42 + 42 + 121 + 151 + 232 & 588 &:= 5^2 + 7^3 + 9^0 + 14^2 + 23^1 = 52 + 73 + 90 + 142 + 231 \\ 588 &:= 4^2 + 4^2 + 13^1 + 14^1 + 23^2 = 42 + 42 + 131 + 141 + 232 & 588 &:= 5^2 + 8^1 + 10^2 + 14^1 + 21^2 = 52 + 81 + 102 + 141 + 212 \\ 588 &:= 4^2 + 4^2 + 5^1 + 22^1 + 23^2 = 42 + 42 + 51 + 221 + 232 & 588 &:= 5^2 + 9^1 + 10^2 + 13^1 + 21^2 = 52 + 91 + 102 + 131 + 212 \\ 588 &:= 4^2 + 4^2 + 6^1 + 21^1 + 23^2 = 42 + 42 + 61 + 211 + 232 & 588 &:= 5^2 + 9^2 + 13^0 + 15^2 + 16^2 = 52 + 92 + 130 + 152 + 162 \\ 588 &:= 4^2 + 4^2 + 7^1 + 20^1 + 23^2 = 42 + 42 + 71 + 201 + 232 & 588 &:= 5^2 + 9^2 + 9^2 + 15^0 + 20^2 = 52 + 92 + 92 + 150 + 202 \\ 588 &:= 4^2 + 4^2 + 8^1 + 19^1 + 23^2 = 42 + 42 + 81 + 191 + 232 & 588 &:= 5^3 + 10^1 + 13^0 + 14^2 + 16^2 = 53 + 101 + 130 + 142 + 162 \\ 588 &:= 4^2 + 4^2 + 9^1 + 18^1 + 23^2 = 42 + 42 + 91 + 181 + 232 & 588 &:= 5^3 + 11^0 + 12^1 + 15^2 + 15^2 = 53 + 110 + 121 + 152 + 152 \\ 588 &:= 4^2 + 4^3 + 5^0 + 22^2 + 23^1 = 42 + 43 + 50 + 222 + 231 & 588 &:= 5^3 + 7^0 + 11^2 + 17^1 + 18^2 = 53 + 70 + 112 + 171 + 182 \\ 588 &:= 4^2 + 5^1 + 5^3 + 21^2 + 23^0 = 42 + 51 + 53 + 212 + 230 & 588 &:= 5^3 + 7^2 + 13^0 + 13^1 + 20^2 = 53 + 72 + 130 + 131 + 202 \\ 588 &:= 4^2 + 5^1 + 8^2 + 19^1 + 22^2 = 42 + 51 + 82 + 191 + 222 & 588 &:= 6^1 + 11^1 + 11^2 + 15^2 + 15^2 = 61 + 111 + 112 + 152 + 152 \\ 588 &:= 4^2 + 6^1 + 8^2 + 18^1 + 22^2 = 42 + 61 + 82 + 181 + 222 & 588 &:= 6^1 + 6^3 + 13^2 + 14^2 + 19^0 = 61 + 63 + 132 + 142 + 190 \\ 588 &:= 4^2 + 6^2 + 8^3 + 17^0 + 23^1 = 42 + 62 + 83 + 170 + 231 & 588 &:= 6^1 + 6^3 + 7^3 + 17^0 + 22^1 = 61 + 63 + 73 + 170 + 221 \end{aligned}$$

$$\begin{aligned}
 588 &:= 6^1 + 7^2 + 13^1 + 14^2 + 18^2 = 61 + 72 + 131 + 142 + 182 \\
 588 &:= 6^1 + 8^2 + 12^2 + 13^1 + 19^2 = 61 + 82 + 122 + 131 + 192 \\
 588 &:= 6^2 + 6^3 + 11^1 + 17^0 + 18^2 = 62 + 63 + 111 + 170 + 182 \\
 588 &:= 6^2 + 7^3 + 12^1 + 14^2 + 19^0 = 62 + 73 + 121 + 142 + 190 \\
 588 &:= 6^3 + 10^2 + 11^0 + 15^1 + 16^2 = 63 + 102 + 110 + 151 + 162 \\
 588 &:= 6^3 + 7^1 + 7^3 + 17^0 + 21^1 = 63 + 71 + 73 + 170 + 211 \\
 588 &:= 6^3 + 7^3 + 10^1 + 17^0 + 18^1 = 63 + 73 + 101 + 170 + 181 \\
 588 &:= 6^3 + 7^3 + 11^1 + 17^0 + 17^1 = 63 + 73 + 111 + 170 + 171 \\
 588 &:= 6^3 + 7^3 + 12^1 + 16^1 + 17^0 = 63 + 73 + 121 + 161 + 170 \\
 588 &:= 6^3 + 7^3 + 13^1 + 15^1 + 17^0 = 63 + 73 + 131 + 151 + 170 \\
 588 &:= 6^3 + 7^3 + 14^1 + 14^1 + 17^0 = 63 + 73 + 141 + 141 + 170 \\
 588 &:= 6^3 + 7^3 + 8^1 + 17^0 + 20^1 = 63 + 73 + 81 + 170 + 201 \\
 588 &:= 6^3 + 7^3 + 9^1 + 17^0 + 19^1 = 63 + 73 + 91 + 170 + 191 \\
 588 &:= 6^3 + 8^2 + 9^0 + 17^2 + 18^1 = 63 + 82 + 90 + 172 + 181 \\
 588 &:= 7^0 + 7^3 + 10^2 + 11^2 + 23^1 = 70 + 73 + 102 + 112 + 231
 \end{aligned}$$

$$\begin{aligned}
 588 &:= 7^1 + 10^1 + 11^2 + 15^2 + 15^2 = 71 + 101 + 112 + 152 + 152 \\
 588 &:= 7^1 + 7^2 + 12^1 + 14^2 + 18^2 = 71 + 72 + 121 + 142 + 182 \\
 588 &:= 7^1 + 8^2 + 12^1 + 12^2 + 19^2 = 71 + 82 + 121 + 122 + 192 \\
 588 &:= 7^2 + 11^0 + 12^2 + 13^2 + 15^2 = 72 + 110 + 122 + 132 + 152 \\
 588 &:= 7^2 + 8^1 + 11^1 + 14^2 + 18^2 = 72 + 81 + 111 + 142 + 182 \\
 588 &:= 7^2 + 9^1 + 10^1 + 14^2 + 18^2 = 72 + 91 + 101 + 142 + 182 \\
 588 &:= 7^3 + 8^2 + 11^1 + 13^2 + 19^0 = 73 + 82 + 111 + 132 + 190 \\
 588 &:= 7^3 + 9^2 + 11^0 + 12^2 + 19^1 = 73 + 92 + 110 + 122 + 191 \\
 588 &:= 8^1 + 8^2 + 11^1 + 12^2 + 19^2 = 81 + 82 + 111 + 122 + 192 \\
 588 &:= 8^1 + 9^1 + 11^2 + 15^2 + 15^2 = 81 + 91 + 112 + 152 + 152 \\
 588 &:= 8^2 + 9^1 + 10^1 + 12^2 + 19^2 = 82 + 91 + 101 + 122 + 192 \\
 588 &:= 8^2 + 9^2 + 9^2 + 13^0 + 19^2 = 82 + 92 + 92 + 130 + 192 \\
 588 &:= 9^2 + 9^2 + 11^0 + 13^2 + 16^2 = 92 + 92 + 110 + 132 + 162
 \end{aligned}$$

2.2.490 Number 589

$$\begin{aligned}
 589 &:= 1^6 + 11^1 + 22^0 + 24^2 = 16 + 111 + 220 + 242 \\
 589 &:= 2^1 + 3^5 + 7^3 + 46^0 = 21 + 35 + 73 + 460 \\
 589 &:= 2^3 + 4^4 + 18^2 + 34^0 = 23 + 44 + 182 + 340 \\
 589 &:= 2^5 + 4^0 + 8^3 + 44^1 = 25 + 40 + 83 + 441 \\
 589 &:= 1^0 + 1^5 + 15^2 + 19^2 + 22^0 = 10 + 15 + 152 + 192 + 220 \\
 589 &:= 1^0 + 1^6 + 10^1 + 22^0 + 24^2 = 10 + 16 + 101 + 220 + 242 \\
 589 &:= 1^1 + 1^4 + 15^2 + 19^2 + 22^0 = 11 + 14 + 152 + 192 + 220 \\
 589 &:= 1^1 + 1^5 + 10^1 + 22^0 + 24^2 = 11 + 15 + 101 + 220 + 242 \\
 589 &:= 1^1 + 2^5 + 6^0 + 23^2 + 26^1 = 11 + 25 + 60 + 232 + 261 \\
 589 &:= 1^1 + 3^5 + 16^0 + 18^2 + 20^1 = 11 + 35 + 160 + 182 + 201 \\
 589 &:= 1^1 + 3^5 + 7^3 + 20^0 + 27^0 = 11 + 35 + 73 + 200 + 270 \\
 589 &:= 1^1 + 3^5 + 7^3 + 21^0 + 26^0 = 11 + 35 + 73 + 210 + 260 \\
 589 &:= 1^1 + 3^5 + 7^3 + 22^0 + 25^0 = 11 + 35 + 73 + 220 + 250 \\
 589 &:= 1^1 + 3^5 + 7^3 + 23^0 + 24^0 = 11 + 35 + 73 + 230 + 240 \\
 589 &:= 1^2 + 1^3 + 15^2 + 19^2 + 22^0 = 12 + 13 + 152 + 192 + 220 \\
 589 &:= 1^2 + 1^4 + 10^1 + 22^0 + 24^2 = 12 + 14 + 101 + 220 + 242 \\
 589 &:= 1^2 + 3^4 + 10^0 + 22^1 + 22^2 = 12 + 34 + 100 + 221 + 222 \\
 589 &:= 1^3 + 1^3 + 10^1 + 22^0 + 24^2 = 13 + 13 + 101 + 220 + 242 \\
 589 &:= 1^3 + 3^2 + 17^2 + 17^2 + 20^0 = 13 + 32 + 172 + 172 + 200 \\
 589 &:= 1^3 + 3^2 + 7^2 + 23^2 + 24^0 = 13 + 32 + 72 + 232 + 240 \\
 589 &:= 1^3 + 5^2 + 11^2 + 20^0 + 21^2 = 13 + 52 + 112 + 200 + 212
 \end{aligned}$$

$$\begin{aligned}
 589 &:= 1^3 + 5^3 + 10^0 + 21^1 + 21^2 = 13 + 53 + 100 + 211 + 212 \\
 589 &:= 1^3 + 6^3 + 10^1 + 19^2 + 22^0 = 13 + 63 + 101 + 192 + 220 \\
 589 &:= 1^3 + 7^2 + 8^3 + 16^0 + 26^1 = 13 + 72 + 83 + 160 + 261 \\
 589 &:= 1^3 + 7^3 + 15^2 + 16^0 + 19^1 = 13 + 73 + 152 + 160 + 191 \\
 589 &:= 1^4 + 2^1 + 12^2 + 21^2 + 22^0 = 14 + 21 + 122 + 212 + 220 \\
 589 &:= 1^4 + 2^2 + 7^1 + 24^0 + 24^2 = 14 + 22 + 71 + 240 + 242 \\
 589 &:= 1^4 + 3^1 + 10^2 + 22^0 + 22^2 = 14 + 31 + 102 + 220 + 222 \\
 589 &:= 1^4 + 4^0 + 9^2 + 22^1 + 22^2 = 14 + 40 + 92 + 221 + 222 \\
 589 &:= 1^4 + 6^0 + 13^2 + 18^1 + 20^2 = 14 + 60 + 132 + 181 + 202 \\
 589 &:= 1^4 + 6^0 + 6^2 + 22^1 + 23^2 = 14 + 60 + 62 + 221 + 232 \\
 589 &:= 1^4 + 7^1 + 16^0 + 16^2 + 18^2 = 14 + 71 + 160 + 162 + 182 \\
 589 &:= 1^4 + 7^2 + 9^1 + 18^0 + 23^2 = 14 + 72 + 91 + 180 + 232 \\
 589 &:= 1^4 + 9^1 + 14^0 + 17^2 + 17^2 = 14 + 91 + 140 + 172 + 172 \\
 589 &:= 1^5 + 10^0 + 13^0 + 15^2 + 19^2 = 15 + 100 + 130 + 152 + 192 \\
 589 &:= 1^5 + 11^0 + 12^0 + 15^2 + 19^2 = 15 + 110 + 120 + 152 + 192 \\
 589 &:= 1^5 + 2^0 + 15^2 + 19^2 + 21^0 = 15 + 20 + 152 + 192 + 210 \\
 589 &:= 1^5 + 2^1 + 9^1 + 22^0 + 24^2 = 15 + 21 + 91 + 220 + 242 \\
 589 &:= 1^5 + 3^0 + 15^2 + 19^2 + 20^0 = 15 + 30 + 152 + 192 + 200 \\
 589 &:= 1^5 + 3^1 + 8^1 + 22^0 + 24^2 = 15 + 31 + 81 + 220 + 242 \\
 589 &:= 1^5 + 4^0 + 15^2 + 19^0 + 19^2 = 15 + 40 + 152 + 190 + 192 \\
 589 &:= 1^5 + 4^1 + 7^1 + 22^0 + 24^2 = 15 + 41 + 71 + 220 + 242
 \end{aligned}$$

$$\begin{aligned}
 589 &:= 1^5 + 5^0 + 15^2 + 18^0 + 19^2 = 15 + 50 + 152 + 180 + 192 & 589 &:= 2^3 + 7^2 + 8^3 + 19^1 + 22^0 = 23 + 72 + 83 + 191 + 220 \\
 589 &:= 1^5 + 5^1 + 6^1 + 22^0 + 24^2 = 15 + 51 + 61 + 220 + 242 & 589 &:= 2^3 + 7^3 + 12^1 + 15^2 + 22^0 = 23 + 73 + 121 + 152 + 220 \\
 589 &:= 1^5 + 6^0 + 15^2 + 17^0 + 19^2 = 15 + 60 + 152 + 170 + 192 & 589 &:= 2^4 + 10^1 + 11^2 + 14^0 + 21^2 = 24 + 101 + 112 + 140 + 212 \\
 589 &:= 1^5 + 7^0 + 15^2 + 16^0 + 19^2 = 15 + 70 + 152 + 160 + 192 & 589 &:= 2^4 + 3^1 + 13^2 + 20^0 + 20^2 = 24 + 31 + 132 + 200 + 202 \\
 589 &:= 1^5 + 8^0 + 15^0 + 15^2 + 19^2 = 15 + 80 + 150 + 152 + 192 & 589 &:= 2^4 + 5^2 + 10^0 + 18^1 + 23^2 = 24 + 52 + 100 + 181 + 232 \\
 589 &:= 1^5 + 9^0 + 14^0 + 15^2 + 19^2 = 15 + 90 + 140 + 152 + 192 & 589 &:= 2^4 + 6^2 + 7^1 + 20^0 + 23^2 = 24 + 62 + 71 + 200 + 232 \\
 589 &:= 1^6 + 1^9 + 15^2 + 19^2 + 21^0 = 16 + 19 + 152 + 192 + 210 & 589 &:= 2^4 + 7^1 + 9^2 + 18^0 + 22^2 = 24 + 71 + 92 + 180 + 222 \\
 589 &:= 1^6 + 10^0 + 10^1 + 13^0 + 24^2 = 16 + 100 + 101 + 130 + 242 & 589 &:= 2^4 + 8^0 + 14^2 + 15^1 + 19^2 = 24 + 80 + 142 + 151 + 192 \\
 589 &:= 1^6 + 10^1 + 11^0 + 12^0 + 24^2 = 16 + 101 + 110 + 120 + 242 & 589 &:= 2^5 + 3^1 + 6^0 + 23^2 + 24^1 = 25 + 31 + 60 + 232 + 241 \\
 589 &:= 1^6 + 2^0 + 10^1 + 21^0 + 24^2 = 16 + 20 + 101 + 210 + 242 & 589 &:= 2^5 + 4^1 + 6^0 + 23^1 + 23^2 = 25 + 41 + 60 + 231 + 232 \\
 589 &:= 1^6 + 3^0 + 10^1 + 20^0 + 24^2 = 16 + 30 + 101 + 200 + 242 & 589 &:= 2^5 + 5^1 + 6^0 + 22^1 + 23^2 = 25 + 51 + 60 + 221 + 232 \\
 589 &:= 1^6 + 4^0 + 10^1 + 19^0 + 24^2 = 16 + 40 + 101 + 190 + 242 & 589 &:= 2^5 + 6^0 + 10^1 + 17^1 + 23^2 = 25 + 60 + 101 + 171 + 232 \\
 589 &:= 1^6 + 5^0 + 10^1 + 18^0 + 24^2 = 16 + 50 + 101 + 180 + 242 & 589 &:= 2^5 + 6^0 + 11^1 + 16^1 + 23^2 = 25 + 60 + 111 + 161 + 232 \\
 589 &:= 1^6 + 6^0 + 10^1 + 17^0 + 24^2 = 16 + 60 + 101 + 170 + 242 & 589 &:= 2^5 + 6^0 + 12^1 + 15^1 + 23^2 = 25 + 60 + 121 + 151 + 232 \\
 589 &:= 1^6 + 7^0 + 10^1 + 16^0 + 24^2 = 16 + 70 + 101 + 160 + 242 & 589 &:= 2^5 + 6^0 + 13^1 + 14^1 + 23^2 = 25 + 60 + 131 + 141 + 232 \\
 589 &:= 1^6 + 8^0 + 10^1 + 15^0 + 24^2 = 16 + 80 + 101 + 150 + 242 & 589 &:= 2^5 + 6^0 + 6^1 + 21^1 + 23^2 = 25 + 60 + 61 + 211 + 232 \\
 589 &:= 1^6 + 9^0 + 10^1 + 14^0 + 24^2 = 16 + 90 + 101 + 140 + 242 & 589 &:= 2^5 + 6^0 + 7^1 + 20^1 + 23^2 = 25 + 60 + 71 + 201 + 232 \\
 589 &:= 1^7 + 1^8 + 15^2 + 19^2 + 21^0 = 17 + 18 + 152 + 192 + 210 & 589 &:= 2^5 + 6^0 + 8^1 + 19^1 + 23^2 = 25 + 60 + 81 + 191 + 232 \\
 589 &:= 1^7 + 1^9 + 10^1 + 21^0 + 24^2 = 17 + 19 + 101 + 210 + 242 & 589 &:= 2^5 + 6^0 + 9^1 + 18^1 + 23^2 = 25 + 60 + 91 + 181 + 232 \\
 589 &:= 1^7 + 2^9 + 7^2 + 21^0 + 26^1 = 17 + 29 + 72 + 210 + 261 & 589 &:= 2^8 + 2^8 + 7^2 + 19^0 + 27^1 = 28 + 28 + 72 + 190 + 271 \\
 589 &:= 1^8 + 1^8 + 10^1 + 21^0 + 24^2 = 18 + 18 + 101 + 210 + 242 & 589 &:= 3^1 + 3^5 + 16^0 + 18^1 + 18^2 = 31 + 35 + 160 + 181 + 182 \\
 589 &:= 1^8 + 2^6 + 10^2 + 20^2 + 24^1 = 18 + 26 + 102 + 202 + 241 & 589 &:= 3^2 + 3^4 + 14^1 + 16^0 + 22^2 = 32 + 34 + 141 + 160 + 222 \\
 589 &:= 1^9 + 2^7 + 15^0 + 18^1 + 21^2 = 19 + 27 + 150 + 181 + 212 & 589 &:= 3^2 + 6^3 + 7^3 + 20^1 + 22^0 = 32 + 63 + 73 + 201 + 220 \\
 589 &:= 2^0 + 2^4 + 4^2 + 23^2 + 27^1 = 20 + 24 + 42 + 232 + 271 & 589 &:= 3^3 + 10^2 + 10^2 + 16^0 + 19^2 = 33 + 102 + 102 + 160 + 192 \\
 589 &:= 2^0 + 2^4 + 8^2 + 22^2 + 24^1 = 20 + 24 + 82 + 222 + 241 & 589 &:= 3^3 + 13^2 + 14^0 + 14^2 + 14^2 = 33 + 132 + 140 + 142 + 142 \\
 589 &:= 2^0 + 3^4 + 14^2 + 17^2 + 22^1 = 20 + 34 + 142 + 172 + 221 & 589 &:= 3^3 + 3^3 + 5^1 + 23^2 + 24^0 = 33 + 33 + 51 + 232 + 240 \\
 589 &:= 2^1 + 2^5 + 6^0 + 23^2 + 25^1 = 21 + 25 + 60 + 232 + 251 & 589 &:= 3^3 + 4^2 + 16^2 + 17^2 + 18^0 = 33 + 42 + 162 + 172 + 180 \\
 589 &:= 2^1 + 3^4 + 12^2 + 19^2 + 22^0 = 21 + 34 + 122 + 192 + 220 & 589 &:= 3^3 + 4^2 + 4^2 + 23^2 + 24^0 = 33 + 42 + 42 + 232 + 240 \\
 589 &:= 2^1 + 3^4 + 8^2 + 21^2 + 24^0 = 21 + 34 + 82 + 212 + 240 & 589 &:= 3^3 + 4^3 + 13^1 + 16^0 + 22^2 = 33 + 43 + 131 + 160 + 222 \\
 589 &:= 2^1 + 3^5 + 16^0 + 18^2 + 19^1 = 21 + 35 + 160 + 182 + 191 & 589 &:= 3^3 + 5^2 + 8^3 + 18^0 + 24^1 = 33 + 52 + 83 + 180 + 241 \\
 589 &:= 2^2 + 3^3 + 14^2 + 19^2 + 20^0 = 22 + 33 + 142 + 192 + 200 & 589 &:= 3^3 + 6^3 + 10^0 + 18^2 + 21^1 = 33 + 63 + 100 + 182 + 211 \\
 589 &:= 2^2 + 3^4 + 12^0 + 19^1 + 22^2 = 22 + 34 + 120 + 191 + 222 & 589 &:= 3^3 + 7^2 + 16^0 + 16^2 + 16^2 = 33 + 72 + 160 + 162 + 162 \\
 589 &:= 2^2 + 4^3 + 14^2 + 18^2 + 20^0 = 22 + 43 + 142 + 182 + 200 & 589 &:= 3^3 + 7^3 + 12^0 + 14^2 + 22^1 = 33 + 73 + 120 + 142 + 221 \\
 589 &:= 2^2 + 4^3 + 6^2 + 22^2 + 24^0 = 22 + 43 + 62 + 222 + 240 & 589 &:= 3^4 + 10^0 + 13^2 + 14^1 + 18^2 = 34 + 100 + 132 + 141 + 182 \\
 589 &:= 2^2 + 6^3 + 7^3 + 18^0 + 25^1 = 22 + 63 + 73 + 180 + 251 & 589 &:= 3^4 + 4^2 + 7^1 + 22^0 + 22^2 = 34 + 42 + 71 + 220 + 222 \\
 589 &:= 2^3 + 3^3 + 6^0 + 23^2 + 24^1 = 23 + 33 + 60 + 232 + 241 & 589 &:= 3^4 + 7^1 + 10^2 + 18^0 + 20^2 = 34 + 71 + 102 + 180 + 202 \\
 589 &:= 2^3 + 5^3 + 14^1 + 16^0 + 21^2 = 23 + 53 + 141 + 160 + 212 & 589 &:= 3^4 + 7^2 + 10^0 + 17^1 + 21^2 = 34 + 72 + 100 + 171 + 212 \\
 589 &:= 2^3 + 6^2 + 12^2 + 18^0 + 20^2 = 23 + 62 + 122 + 180 + 202 & 589 &:= 3^5 + 10^1 + 11^1 + 16^0 + 18^2 = 35 + 101 + 111 + 160 + 182
 \end{aligned}$$

$$\begin{aligned}
 589 &:= 3^5 + 4^1 + 16^0 + 17^1 + 18^2 = 35 + 41 + 160 + 171 + 182 \\
 589 &:= 3^5 + 5^1 + 16^0 + 16^1 + 18^2 = 35 + 51 + 160 + 161 + 182 \\
 589 &:= 3^5 + 6^1 + 15^1 + 16^0 + 18^2 = 35 + 61 + 151 + 160 + 182 \\
 589 &:= 3^5 + 7^1 + 14^1 + 16^0 + 18^2 = 35 + 71 + 141 + 160 + 182 \\
 589 &:= 3^5 + 8^1 + 13^1 + 16^0 + 18^2 = 35 + 81 + 131 + 160 + 182 \\
 589 &:= 3^5 + 9^1 + 12^1 + 16^0 + 18^2 = 35 + 91 + 121 + 160 + 182 \\
 589 &:= 4^0 + 4^4 + 7^2 + 16^2 + 27^1 = 40 + 44 + 72 + 162 + 271 \\
 589 &:= 4^0 + 4^4 + 9^2 + 15^2 + 26^1 = 40 + 44 + 92 + 152 + 261 \\
 589 &:= 4^2 + 4^4 + 6^0 + 17^2 + 27^1 = 42 + 44 + 60 + 172 + 271 \\
 589 &:= 4^2 + 6^3 + 10^2 + 16^2 + 22^0 = 42 + 63 + 102 + 162 + 220 \\
 589 &:= 4^3 + 10^2 + 10^2 + 16^0 + 18^2 = 43 + 102 + 102 + 160 + 182 \\
 589 &:= 4^3 + 4^3 + 10^0 + 19^1 + 21^2 = 43 + 43 + 100 + 191 + 212 \\
 589 &:= 4^3 + 6^3 + 12^0 + 17^2 + 19^1 = 43 + 63 + 120 + 172 + 191
 \end{aligned}$$

$$\begin{aligned}
 589 &:= 4^3 + 7^3 + 12^1 + 13^2 + 22^0 = 43 + 73 + 121 + 132 + 220 \\
 589 &:= 4^4 + 10^0 + 12^2 + 13^2 + 19^1 = 44 + 100 + 122 + 132 + 191 \\
 589 &:= 4^4 + 11^2 + 14^0 + 14^2 + 15^1 = 44 + 112 + 140 + 142 + 151 \\
 589 &:= 4^4 + 5^2 + 14^0 + 17^2 + 18^1 = 44 + 52 + 140 + 172 + 181 \\
 589 &:= 4^4 + 6^2 + 7^1 + 17^2 + 24^0 = 44 + 62 + 71 + 172 + 240 \\
 589 &:= 4^4 + 7^1 + 10^2 + 15^2 + 22^0 = 44 + 71 + 102 + 152 + 220 \\
 589 &:= 4^4 + 8^2 + 12^1 + 16^2 + 18^0 = 44 + 82 + 121 + 162 + 180 \\
 589 &:= 5^3 + 5^3 + 14^1 + 16^0 + 18^2 = 53 + 53 + 141 + 160 + 182 \\
 589 &:= 5^3 + 6^3 + 10^0 + 15^2 + 22^1 = 53 + 63 + 100 + 152 + 221 \\
 589 &:= 5^3 + 7^3 + 10^2 + 16^0 + 20^1 = 53 + 73 + 102 + 160 + 201 \\
 589 &:= 6^3 + 6^3 + 12^1 + 12^2 + 22^0 = 63 + 63 + 121 + 122 + 220 \\
 589 &:= 7^3 + 8^2 + 9^2 + 10^2 + 24^0 = 73 + 82 + 92 + 102 + 240
 \end{aligned}$$

2.2.491 Number 590

$$\begin{aligned}
 590 &:= 1^7 + 12^1 + 21^0 + 24^2 = 17 + 121 + 210 + 242 \\
 590 &:= 2^4 + 7^3 + 14^2 + 35^1 = 24 + 73 + 142 + 351 \\
 590 &:= 2^6 + 8^3 + 13^1 + 35^0 = 26 + 83 + 131 + 350 \\
 590 &:= 2^7 + 15^0 + 20^1 + 21^2 = 27 + 150 + 201 + 212 \\
 590 &:= 3^5 + 11^2 + 14^2 + 30^1 = 35 + 112 + 142 + 301 \\
 590 &:= 3^5 + 5^2 + 17^2 + 33^1 = 35 + 52 + 172 + 331 \\
 590 &:= 1^0 + 1^7 + 11^1 + 21^0 + 24^2 = 10 + 17 + 111 + 210 + 242 \\
 590 &:= 1^0 + 2^7 + 15^0 + 19^1 + 21^2 = 10 + 27 + 150 + 191 + 212 \\
 590 &:= 1^1 + 1^6 + 11^1 + 21^0 + 24^2 = 11 + 16 + 111 + 210 + 242 \\
 590 &:= 1^1 + 2^4 + 8^2 + 22^2 + 25^1 = 11 + 24 + 82 + 222 + 251 \\
 590 &:= 1^1 + 3^4 + 14^2 + 17^2 + 23^1 = 11 + 34 + 142 + 172 + 231 \\
 590 &:= 1^2 + 1^5 + 11^1 + 21^0 + 24^2 = 12 + 15 + 111 + 210 + 242 \\
 590 &:= 1^2 + 2^3 + 5^2 + 23^2 + 27^1 = 12 + 23 + 52 + 232 + 271 \\
 590 &:= 1^2 + 2^5 + 5^0 + 23^2 + 27^1 = 12 + 25 + 50 + 232 + 271 \\
 590 &:= 1^2 + 3^5 + 15^0 + 18^2 + 21^1 = 12 + 35 + 150 + 182 + 211 \\
 590 &:= 1^3 + 1^4 + 11^1 + 21^0 + 24^2 = 13 + 14 + 111 + 210 + 242 \\
 590 &:= 1^3 + 11^2 + 14^2 + 16^1 + 16^2 = 13 + 112 + 142 + 161 + 162 \\
 590 &:= 1^3 + 2^2 + 11^2 + 21^2 + 23^1 = 13 + 22 + 112 + 212 + 231 \\
 590 &:= 1^3 + 2^3 + 16^2 + 18^2 + 21^0 = 13 + 23 + 162 + 182 + 210 \\
 590 &:= 1^3 + 3^2 + 5^2 + 23^2 + 26^1 = 13 + 32 + 52 + 232 + 261 \\
 590 &:= 1^3 + 3^4 + 9^0 + 22^2 + 23^1 = 13 + 34 + 90 + 222 + 231 \\
 590 &:= 1^3 + 4^4 + 8^1 + 18^2 + 27^0 = 13 + 44 + 81 + 182 + 270
 \end{aligned}$$

$$\begin{aligned}
 590 &:= 1^3 + 5^2 + 12^2 + 20^1 + 20^2 = 13 + 52 + 122 + 201 + 202 \\
 590 &:= 1^3 + 5^2 + 16^2 + 17^2 + 19^1 = 13 + 52 + 162 + 172 + 191 \\
 590 &:= 1^3 + 7^2 + 11^2 + 19^1 + 20^2 = 13 + 72 + 112 + 191 + 202 \\
 590 &:= 1^3 + 8^2 + 8^2 + 20^1 + 21^2 = 13 + 82 + 82 + 201 + 212 \\
 590 &:= 1^4 + 14^2 + 14^2 + 14^2 + 15^0 = 14 + 142 + 142 + 142 + 150 \\
 590 &:= 1^4 + 2^2 + 10^2 + 22^2 + 23^0 = 14 + 22 + 102 + 222 + 230 \\
 590 &:= 1^4 + 2^3 + 4^1 + 24^2 + 27^0 = 14 + 23 + 41 + 242 + 270 \\
 590 &:= 1^4 + 5^3 + 9^0 + 21^2 + 22^1 = 14 + 53 + 90 + 212 + 221 \\
 590 &:= 1^4 + 6^3 + 11^1 + 19^2 + 21^0 = 14 + 63 + 111 + 192 + 210 \\
 590 &:= 1^4 + 7^2 + 8^3 + 15^0 + 27^1 = 14 + 72 + 83 + 150 + 271 \\
 590 &:= 1^4 + 7^3 + 15^0 + 15^2 + 20^1 = 14 + 73 + 150 + 152 + 201 \\
 590 &:= 1^5 + 10^1 + 13^0 + 17^2 + 17^2 = 15 + 101 + 130 + 172 + 172 \\
 590 &:= 1^5 + 2^1 + 15^2 + 19^2 + 21^0 = 15 + 21 + 152 + 192 + 210 \\
 590 &:= 1^5 + 2^2 + 8^1 + 23^0 + 24^2 = 15 + 22 + 81 + 230 + 242 \\
 590 &:= 1^5 + 3^0 + 9^2 + 22^2 + 23^1 = 15 + 30 + 92 + 222 + 231 \\
 590 &:= 1^5 + 3^1 + 12^2 + 21^0 + 21^2 = 15 + 31 + 122 + 210 + 212 \\
 590 &:= 1^5 + 3^1 + 3^2 + 24^2 + 27^0 = 15 + 31 + 32 + 242 + 270 \\
 590 &:= 1^5 + 4^1 + 10^2 + 21^0 + 22^2 = 15 + 41 + 102 + 210 + 222 \\
 590 &:= 1^5 + 5^0 + 13^2 + 19^1 + 20^2 = 15 + 50 + 132 + 191 + 202 \\
 590 &:= 1^5 + 5^0 + 6^2 + 23^1 + 23^2 = 15 + 50 + 62 + 231 + 232 \\
 590 &:= 1^5 + 7^2 + 10^1 + 17^0 + 23^2 = 15 + 72 + 101 + 170 + 232 \\
 590 &:= 1^5 + 8^1 + 15^0 + 16^2 + 18^2 = 15 + 81 + 150 + 162 + 182
 \end{aligned}$$

$$\begin{aligned} 590 &:= 1^6 + 2^1 + 10^1 + 21^0 + 24^2 = 16 + 21 + 101 + 210 + 242 \\ 590 &:= 1^6 + 3^1 + 9^1 + 21^0 + 24^2 = 16 + 31 + 91 + 210 + 242 \\ 590 &:= 1^6 + 4^1 + 8^1 + 21^0 + 24^2 = 16 + 41 + 81 + 210 + 242 \\ 590 &:= 1^6 + 5^1 + 7^1 + 21^0 + 24^2 = 16 + 51 + 71 + 210 + 242 \\ 590 &:= 1^6 + 6^1 + 6^1 + 21^0 + 24^2 = 16 + 61 + 61 + 210 + 242 \\ 590 &:= 1^7 + 10^0 + 11^1 + 12^0 + 24^2 = 17 + 100 + 111 + 120 + 242 \\ 590 &:= 1^7 + 11^0 + 11^0 + 11^1 + 24^2 = 17 + 110 + 110 + 111 + 242 \\ 590 &:= 1^7 + 2^0 + 11^1 + 20^0 + 24^2 = 17 + 20 + 111 + 200 + 242 \\ 590 &:= 1^7 + 3^0 + 11^1 + 19^0 + 24^2 = 17 + 30 + 111 + 190 + 242 \\ 590 &:= 1^7 + 4^0 + 11^1 + 18^0 + 24^2 = 17 + 40 + 111 + 180 + 242 \\ 590 &:= 1^7 + 5^0 + 11^1 + 17^0 + 24^2 = 17 + 50 + 111 + 170 + 242 \\ 590 &:= 1^7 + 6^0 + 11^1 + 16^0 + 24^2 = 17 + 60 + 111 + 160 + 242 \\ 590 &:= 1^7 + 7^0 + 11^1 + 15^0 + 24^2 = 17 + 70 + 111 + 150 + 242 \\ 590 &:= 1^7 + 8^0 + 11^1 + 14^0 + 24^2 = 17 + 80 + 111 + 140 + 242 \\ 590 &:= 1^7 + 9^0 + 11^1 + 13^0 + 24^2 = 17 + 90 + 111 + 130 + 242 \\ 590 &:= 1^8 + 1^9 + 11^1 + 20^0 + 24^2 = 18 + 19 + 111 + 200 + 242 \\ 590 &:= 1^8 + 2^9 + 7^2 + 20^0 + 27^1 = 18 + 29 + 72 + 200 + 271 \\ 590 &:= 2^0 + 2^7 + 14^0 + 19^1 + 21^2 = 20 + 27 + 140 + 191 + 212 \\ 590 &:= 2^1 + 2^4 + 4^2 + 23^2 + 27^1 = 21 + 24 + 42 + 232 + 271 \\ 590 &:= 2^1 + 2^4 + 8^2 + 22^2 + 24^1 = 21 + 24 + 82 + 222 + 241 \\ 590 &:= 2^1 + 3^4 + 14^2 + 17^2 + 22^1 = 21 + 34 + 142 + 172 + 221 \\ 590 &:= 2^2 + 2^3 + 14^2 + 19^2 + 21^1 = 22 + 23 + 142 + 192 + 211 \\ 590 &:= 2^2 + 2^4 + 13^2 + 20^2 + 21^0 = 22 + 24 + 132 + 202 + 210 \\ 590 &:= 2^2 + 2^5 + 7^0 + 23^2 + 24^1 = 22 + 25 + 70 + 232 + 241 \\ 590 &:= 2^2 + 3^5 + 17^0 + 18^1 + 18^2 = 22 + 35 + 170 + 181 + 182 \\ 590 &:= 2^2 + 4^3 + 10^2 + 20^2 + 22^1 = 22 + 43 + 102 + 202 + 221 \\ 590 &:= 2^2 + 5^3 + 6^2 + 20^2 + 25^1 = 22 + 53 + 62 + 202 + 251 \\ 590 &:= 2^2 + 6^3 + 11^2 + 15^2 + 24^1 = 22 + 63 + 112 + 152 + 241 \\ 590 &:= 2^3 + 11^2 + 11^2 + 16^1 + 18^2 = 23 + 112 + 112 + 161 + 182 \\ 590 &:= 2^3 + 3^3 + 5^2 + 23^2 + 25^0 = 23 + 33 + 52 + 232 + 250 \\ 590 &:= 2^3 + 3^4 + 15^0 + 16^1 + 22^2 = 23 + 34 + 150 + 161 + 222 \\ 590 &:= 2^3 + 6^3 + 13^2 + 14^2 + 23^0 = 23 + 63 + 132 + 142 + 230 \\ 590 &:= 2^3 + 6^3 + 7^3 + 21^0 + 22^1 = 23 + 63 + 73 + 210 + 221 \\ 590 &:= 2^3 + 8^2 + 10^2 + 18^1 + 20^2 = 23 + 82 + 102 + 181 + 202 \\ 590 &:= 2^3 + 9^2 + 14^2 + 16^1 + 17^2 = 23 + 92 + 142 + 161 + 172 \\ 590 &:= 2^4 + 11^2 + 14^2 + 15^0 + 16^2 = 24 + 112 + 142 + 150 + 162 \\ 590 &:= 2^4 + 3^1 + 4^2 + 23^2 + 26^1 = 24 + 31 + 42 + 232 + 261 \\ 590 &:= 2^4 + 3^1 + 8^2 + 22^2 + 23^1 = 24 + 31 + 82 + 222 + 231 \end{aligned}$$

$$\begin{aligned} 590 &:= 2^4 + 3^3 + 13^0 + 17^1 + 23^2 = 24 + 33 + 130 + 171 + 232 \\ 590 &:= 2^4 + 4^1 + 4^2 + 23^2 + 25^1 = 24 + 41 + 42 + 232 + 251 \\ 590 &:= 2^4 + 4^1 + 8^2 + 22^1 + 22^2 = 24 + 41 + 82 + 221 + 222 \\ 590 &:= 2^4 + 4^2 + 10^1 + 19^1 + 23^2 = 24 + 42 + 101 + 191 + 232 \\ 590 &:= 2^4 + 4^2 + 11^1 + 18^1 + 23^2 = 24 + 42 + 111 + 181 + 232 \\ 590 &:= 2^4 + 4^2 + 12^1 + 17^1 + 23^2 = 24 + 42 + 121 + 171 + 232 \\ 590 &:= 2^4 + 4^2 + 13^1 + 16^1 + 23^2 = 24 + 42 + 131 + 161 + 232 \\ 590 &:= 2^4 + 4^2 + 14^1 + 15^1 + 23^2 = 24 + 42 + 141 + 151 + 232 \\ 590 &:= 2^4 + 4^2 + 14^2 + 19^0 + 19^2 = 24 + 42 + 142 + 190 + 192 \\ 590 &:= 2^4 + 4^2 + 5^1 + 23^2 + 24^1 = 24 + 42 + 51 + 232 + 241 \\ 590 &:= 2^4 + 4^2 + 6^1 + 23^1 + 23^2 = 24 + 42 + 61 + 231 + 232 \\ 590 &:= 2^4 + 4^2 + 7^1 + 22^1 + 23^2 = 24 + 42 + 71 + 221 + 232 \\ 590 &:= 2^4 + 4^2 + 8^1 + 21^1 + 23^2 = 24 + 42 + 81 + 211 + 232 \\ 590 &:= 2^4 + 4^2 + 9^1 + 20^1 + 23^2 = 24 + 42 + 91 + 201 + 232 \\ 590 &:= 2^4 + 4^3 + 5^0 + 22^2 + 25^1 = 24 + 43 + 50 + 222 + 251 \\ 590 &:= 2^4 + 5^1 + 8^2 + 21^1 + 22^2 = 24 + 51 + 82 + 211 + 222 \\ 590 &:= 2^4 + 5^2 + 8^2 + 21^0 + 22^2 = 24 + 52 + 82 + 210 + 222 \\ 590 &:= 2^4 + 5^3 + 7^1 + 21^2 + 23^0 = 24 + 53 + 71 + 212 + 230 \\ 590 &:= 2^4 + 6^1 + 8^2 + 20^1 + 22^2 = 24 + 61 + 82 + 201 + 222 \\ 590 &:= 2^4 + 6^2 + 8^3 + 17^0 + 25^1 = 24 + 62 + 83 + 170 + 251 \\ 590 &:= 2^4 + 7^1 + 8^2 + 19^1 + 22^2 = 24 + 71 + 82 + 191 + 222 \\ 590 &:= 2^4 + 8^1 + 8^2 + 18^1 + 22^2 = 24 + 81 + 82 + 181 + 222 \\ 590 &:= 2^4 + 8^2 + 10^1 + 16^1 + 22^2 = 24 + 82 + 101 + 161 + 222 \\ 590 &:= 2^4 + 8^2 + 11^1 + 15^1 + 22^2 = 24 + 82 + 111 + 151 + 222 \\ 590 &:= 2^4 + 8^2 + 12^1 + 14^1 + 22^2 = 24 + 82 + 121 + 141 + 222 \\ 590 &:= 2^4 + 8^2 + 13^1 + 13^1 + 22^2 = 24 + 82 + 131 + 131 + 222 \\ 590 &:= 2^4 + 8^2 + 9^1 + 17^1 + 22^2 = 24 + 82 + 91 + 171 + 222 \\ 590 &:= 2^5 + 11^0 + 12^1 + 16^2 + 17^2 = 25 + 110 + 121 + 162 + 172 \\ 590 &:= 2^5 + 11^0 + 12^2 + 13^1 + 20^2 = 25 + 110 + 122 + 131 + 202 \\ 590 &:= 2^5 + 3^0 + 3^3 + 23^2 + 27^0 = 25 + 30 + 33 + 232 + 270 \\ 590 &:= 2^5 + 3^0 + 7^2 + 22^2 + 24^1 = 25 + 30 + 72 + 222 + 241 \\ 590 &:= 2^5 + 3^0 + 8^3 + 18^1 + 27^1 = 25 + 30 + 83 + 181 + 271 \\ 590 &:= 2^5 + 3^0 + 8^3 + 19^1 + 26^1 = 25 + 30 + 83 + 191 + 261 \\ 590 &:= 2^5 + 3^0 + 8^3 + 20^1 + 25^1 = 25 + 30 + 83 + 201 + 251 \\ 590 &:= 2^5 + 3^0 + 8^3 + 21^1 + 24^1 = 25 + 30 + 83 + 211 + 241 \\ 590 &:= 2^5 + 3^0 + 8^3 + 22^1 + 23^1 = 25 + 30 + 83 + 221 + 231 \\ 590 &:= 2^5 + 3^1 + 5^2 + 23^2 + 25^0 = 25 + 31 + 52 + 232 + 250 \\ 590 &:= 2^5 + 3^2 + 11^0 + 19^1 + 23^2 = 25 + 32 + 110 + 191 + 232 \end{aligned}$$

$$\begin{aligned} 590 &:= 2^5 + 3^3 + 10^0 + 20^0 + 23^2 = 25 + 33 + 100 + 200 + 232 \\ 590 &:= 2^5 + 3^3 + 11^0 + 19^0 + 23^2 = 25 + 33 + 110 + 190 + 232 \\ 590 &:= 2^5 + 3^3 + 12^0 + 18^0 + 23^2 = 25 + 33 + 120 + 180 + 232 \\ 590 &:= 2^5 + 3^3 + 13^0 + 17^0 + 23^2 = 25 + 33 + 130 + 170 + 232 \\ 590 &:= 2^5 + 3^3 + 14^0 + 16^0 + 23^2 = 25 + 33 + 140 + 160 + 232 \\ 590 &:= 2^5 + 3^3 + 15^0 + 15^0 + 23^2 = 25 + 33 + 150 + 150 + 232 \\ 590 &:= 2^5 + 3^3 + 4^0 + 23^2 + 26^0 = 25 + 33 + 40 + 232 + 260 \\ 590 &:= 2^5 + 3^3 + 5^0 + 23^2 + 25^0 = 25 + 33 + 50 + 232 + 250 \\ 590 &:= 2^5 + 3^3 + 6^0 + 23^2 + 24^0 = 25 + 33 + 60 + 232 + 240 \\ 590 &:= 2^5 + 3^3 + 7^0 + 23^0 + 23^2 = 25 + 33 + 70 + 230 + 232 \\ 590 &:= 2^5 + 3^3 + 8^0 + 22^0 + 23^2 = 25 + 33 + 80 + 220 + 232 \\ 590 &:= 2^5 + 3^3 + 9^0 + 21^0 + 23^2 = 25 + 33 + 90 + 210 + 232 \\ 590 &:= 2^5 + 4^2 + 12^1 + 17^0 + 23^2 = 25 + 42 + 121 + 170 + 232 \\ 590 &:= 2^5 + 8^1 + 15^0 + 15^2 + 18^2 = 25 + 81 + 150 + 152 + 182 \\ 590 &:= 2^5 + 8^2 + 9^1 + 17^0 + 22^2 = 25 + 82 + 91 + 170 + 222 \\ 590 &:= 2^5 + 9^0 + 10^2 + 16^1 + 21^2 = 25 + 90 + 102 + 161 + 212 \\ 590 &:= 2^6 + 2^8 + 3^5 + 24^0 + 26^1 = 26 + 28 + 35 + 240 + 261 \\ 590 &:= 2^6 + 8^3 + 10^0 + 12^1 + 26^0 = 26 + 83 + 100 + 121 + 260 \\ 590 &:= 2^6 + 8^3 + 11^0 + 12^1 + 25^0 = 26 + 83 + 110 + 121 + 250 \\ 590 &:= 2^6 + 8^3 + 12^0 + 12^1 + 24^0 = 26 + 83 + 120 + 121 + 240 \\ 590 &:= 2^6 + 8^3 + 12^1 + 13^0 + 23^0 = 26 + 83 + 121 + 130 + 230 \\ 590 &:= 2^6 + 8^3 + 12^1 + 14^0 + 22^0 = 26 + 83 + 121 + 140 + 220 \\ 590 &:= 2^6 + 8^3 + 12^1 + 15^0 + 21^0 = 26 + 83 + 121 + 150 + 210 \\ 590 &:= 2^6 + 8^3 + 12^1 + 16^0 + 20^0 = 26 + 83 + 121 + 160 + 200 \\ 590 &:= 2^6 + 8^3 + 12^1 + 17^0 + 19^0 = 26 + 83 + 121 + 170 + 190 \\ 590 &:= 2^6 + 8^3 + 12^1 + 18^0 + 18^0 = 26 + 83 + 121 + 180 + 180 \\ 590 &:= 2^6 + 8^3 + 9^0 + 12^1 + 27^0 = 26 + 83 + 90 + 121 + 270 \\ 590 &:= 2^7 + 3^0 + 13^0 + 19^1 + 21^2 = 27 + 30 + 130 + 191 + 212 \\ 590 &:= 2^7 + 4^0 + 12^0 + 19^1 + 21^2 = 27 + 40 + 120 + 191 + 212 \\ 590 &:= 2^7 + 5^0 + 11^0 + 19^1 + 21^2 = 27 + 50 + 110 + 191 + 212 \\ 590 &:= 2^7 + 6^0 + 10^0 + 19^1 + 21^2 = 27 + 60 + 100 + 191 + 212 \\ 590 &:= 2^7 + 7^0 + 9^0 + 19^1 + 21^2 = 27 + 70 + 90 + 191 + 212 \\ 590 &:= 2^7 + 8^0 + 8^0 + 19^1 + 21^2 = 27 + 80 + 80 + 191 + 212 \\ 590 &:= 3^1 + 3^4 + 14^2 + 17^2 + 21^1 = 31 + 34 + 142 + 172 + 211 \\ 590 &:= 3^1 + 3^4 + 4^3 + 21^2 + 27^0 = 31 + 34 + 43 + 212 + 270 \\ 590 &:= 3^2 + 3^5 + 13^1 + 18^2 + 21^0 = 32 + 35 + 131 + 182 + 210 \\ 590 &:= 3^3 + 3^3 + 8^3 + 21^0 + 23^1 = 33 + 33 + 83 + 210 + 231 \\ 590 &:= 3^3 + 4^4 + 17^0 + 17^1 + 17^2 = 33 + 44 + 170 + 171 + 172 \end{aligned}$$

$$\begin{aligned} 590 &:= 3^3 + 5^2 + 14^2 + 18^1 + 18^2 = 33 + 52 + 142 + 181 + 182 \\ 590 &:= 3^3 + 6^3 + 11^2 + 15^2 + 23^0 = 33 + 63 + 112 + 152 + 230 \\ 590 &:= 3^3 + 8^2 + 11^2 + 17^1 + 19^2 = 33 + 82 + 112 + 171 + 192 \\ 590 &:= 3^3 + 8^2 + 9^2 + 18^1 + 20^2 = 33 + 82 + 92 + 181 + 202 \\ 590 &:= 3^4 + 10^1 + 14^1 + 14^2 + 17^2 = 34 + 101 + 141 + 142 + 172 \\ 590 &:= 3^4 + 11^1 + 13^1 + 14^2 + 17^2 = 34 + 111 + 131 + 142 + 172 \\ 590 &:= 3^4 + 12^1 + 12^1 + 14^2 + 17^2 = 34 + 121 + 121 + 142 + 172 \\ 590 &:= 3^4 + 4^1 + 14^2 + 17^2 + 20^1 = 34 + 41 + 142 + 172 + 201 \\ 590 &:= 3^4 + 5^1 + 14^2 + 17^2 + 19^1 = 34 + 51 + 142 + 172 + 191 \\ 590 &:= 3^4 + 5^3 + 9^0 + 19^2 + 22^1 = 34 + 53 + 90 + 192 + 221 \\ 590 &:= 3^4 + 6^1 + 14^2 + 17^2 + 18^1 = 34 + 61 + 142 + 172 + 181 \\ 590 &:= 3^4 + 7^1 + 14^2 + 17^1 + 17^2 = 34 + 71 + 142 + 171 + 172 \\ 590 &:= 3^4 + 7^3 + 12^2 + 15^0 + 21^1 = 34 + 73 + 122 + 150 + 211 \\ 590 &:= 3^4 + 8^1 + 14^2 + 16^1 + 17^2 = 34 + 81 + 142 + 161 + 172 \\ 590 &:= 3^4 + 9^1 + 14^2 + 15^1 + 17^2 = 34 + 91 + 142 + 151 + 172 \\ 590 &:= 3^5 + 4^2 + 6^1 + 18^2 + 27^0 = 35 + 42 + 61 + 182 + 270 \\ 590 &:= 3^5 + 5^0 + 8^2 + 16^2 + 26^1 = 35 + 50 + 82 + 162 + 261 \\ 590 &:= 3^5 + 6^1 + 12^2 + 14^2 + 23^0 = 35 + 61 + 122 + 142 + 230 \\ 590 &:= 3^5 + 6^2 + 11^0 + 17^2 + 21^1 = 35 + 62 + 110 + 172 + 211 \\ 590 &:= 3^5 + 7^2 + 8^1 + 17^2 + 23^0 = 35 + 72 + 81 + 172 + 230 \\ 590 &:= 3^5 + 8^1 + 13^2 + 13^2 + 21^0 = 35 + 81 + 132 + 132 + 210 \\ 590 &:= 3^5 + 9^0 + 10^2 + 15^2 + 21^1 = 35 + 90 + 102 + 152 + 211 \\ 590 &:= 3^5 + 9^1 + 9^2 + 16^2 + 21^0 = 35 + 91 + 92 + 162 + 210 \\ 590 &:= 4^2 + 4^4 + 11^2 + 14^2 + 25^0 = 42 + 44 + 112 + 142 + 250 \\ 590 &:= 4^2 + 5^2 + 5^3 + 20^2 + 24^1 = 42 + 52 + 53 + 202 + 241 \\ 590 &:= 4^3 + 10^2 + 11^2 + 16^1 + 17^2 = 43 + 102 + 112 + 161 + 172 \\ 590 &:= 4^3 + 4^3 + 10^2 + 19^2 + 21^0 = 43 + 43 + 102 + 192 + 210 \\ 590 &:= 4^3 + 4^4 + 13^1 + 16^2 + 21^0 = 43 + 44 + 131 + 162 + 210 \\ 590 &:= 4^3 + 5^2 + 11^2 + 19^1 + 19^2 = 43 + 52 + 112 + 191 + 192 \\ 590 &:= 4^3 + 5^2 + 9^2 + 20^1 + 20^2 = 43 + 52 + 92 + 201 + 202 \\ 590 &:= 4^3 + 5^3 + 12^2 + 16^2 + 21^0 = 43 + 53 + 122 + 162 + 210 \\ 590 &:= 4^3 + 8^2 + 11^2 + 17^1 + 18^2 = 43 + 82 + 112 + 171 + 182 \\ 590 &:= 4^4 + 5^3 + 12^1 + 14^2 + 23^0 = 44 + 53 + 121 + 142 + 230 \\ 590 &:= 4^4 + 6^3 + 10^2 + 17^1 + 21^0 = 44 + 63 + 102 + 171 + 210 \\ 590 &:= 4^4 + 8^2 + 10^2 + 13^2 + 23^0 = 44 + 82 + 102 + 132 + 230 \\ 590 &:= 5^2 + 5^3 + 14^2 + 15^2 + 19^1 = 52 + 53 + 142 + 152 + 191 \\ 590 &:= 5^2 + 6^2 + 6^3 + 17^2 + 24^1 = 52 + 62 + 63 + 172 + 241 \\ 590 &:= 5^3 + 6^2 + 11^2 + 17^2 + 19^1 = 53 + 62 + 112 + 172 + 191 \end{aligned}$$

$$590 := 6^2 + 6^3 + 11^2 + 14^2 + 21^1 = 62 + 63 + 112 + 142 + 211$$

$$590 := 6^2 + 7^3 + 8^2 + 11^2 + 26^1 = 62 + 73 + 82 + 112 + 261$$

$$590 := 6^3 + 8^2 + 11^2 + 13^2 + 20^1 = 63 + 82 + 112 + 132 + 201$$

$$590 := 6^3 + 8^2 + 8^2 + 15^2 + 21^1 = 63 + 82 + 82 + 152 + 211$$

2.2.492 Number 591

$$591 := 1^8 + 13^1 + 20^0 + 24^2 = 18 + 131 + 200 + 242$$

$$591 := 1^8 + 2^9 + 3^3 + 51^1 = 18 + 29 + 33 + 511$$

$$591 := 2^8 + 10^1 + 18^2 + 28^0 = 28 + 101 + 182 + 280$$

$$591 := 1^0 + 1^8 + 12^1 + 20^0 + 24^2 = 10 + 18 + 121 + 200 + 242$$

$$591 := 1^0 + 2^7 + 10^2 + 19^2 + 26^0 = 10 + 27 + 102 + 192 + 260$$

$$591 := 1^1 + 1^7 + 12^1 + 20^0 + 24^2 = 11 + 17 + 121 + 200 + 242$$

$$591 := 1^1 + 2^7 + 14^0 + 20^1 + 21^2 = 11 + 27 + 140 + 201 + 212$$

$$591 := 1^2 + 1^6 + 12^1 + 20^0 + 24^2 = 12 + 16 + 121 + 200 + 242$$

$$591 := 1^2 + 2^5 + 14^2 + 19^2 + 22^0 = 12 + 25 + 142 + 192 + 220$$

$$591 := 1^3 + 1^5 + 12^1 + 20^0 + 24^2 = 13 + 15 + 121 + 200 + 242$$

$$591 := 1^3 + 3^5 + 14^0 + 18^2 + 22^1 = 13 + 35 + 140 + 182 + 221$$

$$591 := 1^4 + 1^4 + 12^1 + 20^0 + 24^2 = 14 + 14 + 121 + 200 + 242$$

$$591 := 1^4 + 3^3 + 11^2 + 21^2 + 22^0 = 14 + 33 + 112 + 212 + 220$$

$$591 := 1^4 + 3^4 + 8^0 + 22^2 + 24^1 = 14 + 34 + 80 + 222 + 241$$

$$591 := 1^4 + 4^4 + 9^1 + 18^2 + 26^0 = 14 + 44 + 91 + 182 + 260$$

$$591 := 1^4 + 5^3 + 8^2 + 20^2 + 24^0 = 14 + 53 + 82 + 202 + 240$$

$$591 := 1^4 + 6^3 + 7^2 + 18^2 + 26^0 = 14 + 63 + 72 + 182 + 260$$

$$591 := 1^5 + 11^2 + 12^2 + 16^0 + 18^2 = 15 + 112 + 122 + 160 + 182$$

$$591 := 1^5 + 2^2 + 12^2 + 21^2 + 22^0 = 15 + 22 + 122 + 212 + 220$$

$$591 := 1^5 + 2^3 + 5^1 + 24^2 + 26^0 = 15 + 23 + 51 + 242 + 260$$

$$591 := 1^5 + 3^2 + 16^2 + 18^2 + 20^0 = 15 + 32 + 162 + 182 + 200$$

$$591 := 1^5 + 5^3 + 8^0 + 21^2 + 23^1 = 15 + 53 + 80 + 212 + 231$$

$$591 := 1^5 + 6^3 + 12^1 + 19^2 + 20^0 = 15 + 63 + 121 + 192 + 200$$

$$591 := 1^5 + 7^3 + 14^0 + 15^2 + 21^1 = 15 + 73 + 140 + 152 + 211$$

$$591 := 1^6 + 11^1 + 12^0 + 17^2 + 17^2 = 16 + 111 + 120 + 172 + 172$$

$$591 := 1^6 + 2^0 + 9^2 + 22^2 + 24^1 = 16 + 20 + 92 + 222 + 241$$

$$591 := 1^6 + 2^2 + 9^1 + 22^0 + 24^2 = 16 + 22 + 91 + 220 + 242$$

$$591 := 1^6 + 3^1 + 15^2 + 19^2 + 20^0 = 16 + 31 + 152 + 192 + 200$$

$$591 := 1^6 + 3^2 + 4^1 + 24^2 + 26^0 = 16 + 32 + 41 + 242 + 260$$

$$591 := 1^6 + 4^0 + 13^2 + 20^1 + 20^2 = 16 + 40 + 132 + 201 + 202$$

$$591 := 1^6 + 4^0 + 6^2 + 23^2 + 24^1 = 16 + 40 + 62 + 232 + 241$$

$$591 := 1^6 + 4^1 + 12^2 + 20^0 + 21^2 = 16 + 41 + 122 + 200 + 212$$

$$591 := 1^6 + 5^1 + 10^2 + 20^0 + 22^2 = 16 + 51 + 102 + 200 + 222$$

$$591 := 1^6 + 7^2 + 11^1 + 16^0 + 23^2 = 16 + 72 + 111 + 160 + 232$$

$$591 := 1^6 + 9^1 + 14^0 + 16^2 + 18^2 = 16 + 91 + 140 + 162 + 182$$

$$591 := 1^7 + 1^9 + 9^2 + 22^2 + 24^1 = 17 + 19 + 92 + 222 + 241$$

$$591 := 1^7 + 2^1 + 11^1 + 20^0 + 24^2 = 17 + 21 + 111 + 200 + 242$$

$$591 := 1^7 + 2^9 + 3^3 + 24^1 + 27^1 = 17 + 29 + 33 + 241 + 271$$

$$591 := 1^7 + 2^9 + 3^3 + 25^1 + 26^1 = 17 + 29 + 33 + 251 + 261$$

$$591 := 1^7 + 3^1 + 10^1 + 20^0 + 24^2 = 17 + 31 + 101 + 200 + 242$$

$$591 := 1^7 + 4^1 + 9^1 + 20^0 + 24^2 = 17 + 41 + 91 + 200 + 242$$

$$591 := 1^7 + 5^1 + 8^1 + 20^0 + 24^2 = 17 + 51 + 81 + 200 + 242$$

$$591 := 1^7 + 6^1 + 7^1 + 20^0 + 24^2 = 17 + 61 + 71 + 200 + 242$$

$$591 := 1^8 + 1^8 + 9^2 + 22^2 + 24^1 = 18 + 18 + 92 + 222 + 241$$

$$591 := 1^8 + 10^0 + 11^0 + 12^1 + 24^2 = 18 + 100 + 110 + 121 + 242$$

$$591 := 1^8 + 2^0 + 12^1 + 19^0 + 24^2 = 18 + 20 + 121 + 190 + 242$$

$$591 := 1^8 + 3^0 + 12^1 + 18^0 + 24^2 = 18 + 30 + 121 + 180 + 242$$

$$591 := 1^8 + 4^0 + 12^1 + 17^0 + 24^2 = 18 + 40 + 121 + 170 + 242$$

$$591 := 1^8 + 5^0 + 12^1 + 16^0 + 24^2 = 18 + 50 + 121 + 160 + 242$$

$$591 := 1^8 + 6^0 + 12^1 + 15^0 + 24^2 = 18 + 60 + 121 + 150 + 242$$

$$591 := 1^8 + 7^0 + 12^1 + 14^0 + 24^2 = 18 + 70 + 121 + 140 + 242$$

$$591 := 1^8 + 8^0 + 12^1 + 13^0 + 24^2 = 18 + 80 + 121 + 130 + 242$$

$$591 := 1^8 + 9^0 + 12^0 + 12^1 + 24^2 = 18 + 90 + 120 + 121 + 242$$

$$591 := 1^9 + 1^9 + 12^1 + 19^0 + 24^2 = 19 + 19 + 121 + 190 + 242$$

$$591 := 2^0 + 2^7 + 10^2 + 19^2 + 25^0 = 20 + 27 + 102 + 192 + 250$$

$$591 := 2^0 + 2^8 + 9^1 + 18^2 + 27^0 = 20 + 28 + 91 + 182 + 270$$

$$591 := 2^1 + 2^7 + 14^0 + 19^1 + 21^2 = 21 + 27 + 140 + 191 + 212$$

$$591 := 2^2 + 2^5 + 5^2 + 23^2 + 26^0 = 22 + 25 + 52 + 232 + 260$$

$$591 := 2^3 + 2^5 + 10^0 + 21^1 + 23^2 = 23 + 25 + 100 + 211 + 232$$

$$591 := 2^3 + 3^5 + 15^1 + 18^2 + 20^0 = 23 + 35 + 151 + 182 + 200$$

$$591 := 2^4 + 3^4 + 9^1 + 22^0 + 22^2 = 24 + 34 + 91 + 220 + 222$$

$$591 := 2^4 + 5^3 + 7^2 + 20^2 + 24^0 = 24 + 53 + 72 + 202 + 240$$

$$591 := 2^5 + 10^2 + 13^2 + 16^0 + 17^2 = 25 + 102 + 132 + 160 + 172$$

$$591 := 2^5 + 3^2 + 15^2 + 18^2 + 20^0 = 25 + 32 + 152 + 182 + 200$$

$$591 := 2^5 + 4^3 + 10^1 + 20^0 + 22^2 = 25 + 43 + 101 + 200 + 222$$

$$591 := 2^5 + 5^2 + 7^2 + 22^0 + 22^2 = 25 + 52 + 72 + 220 + 222$$

$591 := 2^5 + 5^2 + 8^3 + 21^1 + 22^0 = 25 + 52 + 83 + 211 + 220$	$591 := 2^7 + 3^1 + 14^0 + 18^1 + 21^2 = 27 + 31 + 140 + 181 + 212$
$591 := 2^5 + 6^2 + 9^2 + 20^0 + 21^2 = 25 + 62 + 92 + 200 + 212$	$591 := 2^7 + 4^0 + 10^2 + 19^2 + 23^0 = 27 + 40 + 102 + 192 + 230$
$591 := 2^5 + 6^3 + 14^0 + 18^1 + 18^2 = 25 + 63 + 140 + 181 + 182$	$591 := 2^7 + 4^1 + 14^0 + 17^1 + 21^2 = 27 + 41 + 140 + 171 + 212$
$591 := 2^5 + 7^3 + 14^2 + 16^0 + 19^1 = 25 + 73 + 142 + 160 + 191$	$591 := 2^7 + 5^0 + 10^2 + 19^2 + 22^0 = 27 + 50 + 102 + 192 + 220$
$591 := 2^6 + 10^0 + 14^1 + 16^2 + 16^2 = 26 + 100 + 141 + 162 + 162$	$591 := 2^7 + 5^1 + 14^0 + 16^1 + 21^2 = 27 + 51 + 140 + 161 + 212$
$591 := 2^6 + 12^0 + 12^1 + 15^2 + 17^2 = 26 + 120 + 121 + 152 + 172$	$591 := 2^7 + 6^0 + 10^2 + 19^2 + 21^0 = 27 + 60 + 102 + 192 + 210$
$591 := 2^6 + 4^0 + 12^2 + 19^2 + 21^1 = 26 + 40 + 122 + 192 + 211$	$591 := 2^7 + 6^1 + 14^0 + 15^1 + 21^2 = 27 + 61 + 140 + 151 + 212$
$591 := 2^6 + 4^0 + 4^2 + 22^2 + 26^1 = 26 + 40 + 42 + 222 + 261$	$591 := 2^7 + 7^0 + 10^2 + 19^2 + 20^0 = 27 + 70 + 102 + 192 + 200$
$591 := 2^6 + 4^0 + 5^3 + 20^2 + 27^0 = 26 + 40 + 53 + 202 + 270$	$591 := 2^7 + 7^1 + 14^0 + 14^1 + 21^2 = 27 + 71 + 140 + 141 + 212$
$591 := 2^6 + 4^1 + 9^2 + 21^2 + 22^0 = 26 + 41 + 92 + 212 + 220$	$591 := 2^7 + 8^0 + 10^2 + 19^0 + 19^2 = 27 + 80 + 102 + 190 + 192$
$591 := 2^6 + 5^0 + 5^3 + 20^2 + 26^0 = 26 + 50 + 53 + 202 + 260$	$591 := 2^7 + 8^1 + 13^1 + 14^0 + 21^2 = 27 + 81 + 131 + 140 + 212$
$591 := 2^6 + 5^1 + 11^2 + 20^0 + 20^2 = 26 + 51 + 112 + 200 + 202$	$591 := 2^7 + 9^0 + 10^2 + 18^0 + 19^2 = 27 + 90 + 102 + 180 + 192$
$591 := 2^6 + 5^2 + 12^0 + 17^1 + 22^2 = 26 + 52 + 120 + 171 + 222$	$591 := 2^7 + 9^1 + 12^1 + 14^0 + 21^2 = 27 + 91 + 121 + 140 + 212$
$591 := 2^6 + 5^3 + 10^0 + 20^2 + 21^0 = 26 + 53 + 100 + 202 + 210$	$591 := 2^8 + 3^0 + 9^1 + 18^2 + 26^0 = 28 + 30 + 91 + 182 + 260$
$591 := 2^6 + 5^3 + 11^0 + 20^0 + 20^2 = 26 + 53 + 110 + 200 + 202$	$591 := 2^8 + 4^0 + 9^1 + 18^2 + 25^0 = 28 + 40 + 91 + 182 + 250$
$591 := 2^6 + 5^3 + 12^0 + 19^0 + 20^2 = 26 + 53 + 120 + 190 + 202$	$591 := 2^8 + 5^0 + 9^1 + 18^2 + 24^0 = 28 + 50 + 91 + 182 + 240$
$591 := 2^6 + 5^3 + 13^0 + 18^0 + 20^2 = 26 + 53 + 130 + 180 + 202$	$591 := 2^8 + 6^0 + 9^1 + 18^2 + 23^0 = 28 + 60 + 91 + 182 + 230$
$591 := 2^6 + 5^3 + 14^0 + 17^0 + 20^2 = 26 + 53 + 140 + 170 + 202$	$591 := 2^8 + 7^0 + 9^1 + 18^2 + 22^0 = 28 + 70 + 91 + 182 + 220$
$591 := 2^6 + 5^3 + 15^0 + 16^0 + 20^2 = 26 + 53 + 150 + 160 + 202$	$591 := 2^8 + 8^0 + 9^1 + 18^2 + 21^0 = 28 + 80 + 91 + 182 + 210$
$591 := 2^6 + 5^3 + 6^0 + 20^2 + 25^0 = 26 + 53 + 60 + 202 + 250$	$591 := 2^8 + 9^0 + 9^1 + 18^2 + 20^0 = 28 + 90 + 91 + 182 + 200$
$591 := 2^6 + 5^3 + 7^0 + 20^2 + 24^0 = 26 + 53 + 70 + 202 + 240$	$591 := 2^8 + 9^1 + 10^0 + 18^2 + 19^0 = 28 + 91 + 100 + 182 + 190$
$591 := 2^6 + 5^3 + 8^0 + 20^2 + 23^0 = 26 + 53 + 80 + 202 + 230$	$591 := 2^8 + 9^1 + 11^0 + 18^0 + 18^2 = 28 + 91 + 110 + 180 + 182$
$591 := 2^6 + 5^3 + 9^0 + 20^2 + 22^0 = 26 + 53 + 90 + 202 + 220$	$591 := 2^8 + 9^1 + 12^0 + 17^0 + 18^2 = 28 + 91 + 120 + 170 + 182$
$591 := 2^6 + 6^0 + 8^2 + 21^1 + 21^2 = 26 + 60 + 82 + 211 + 212$	$591 := 2^8 + 9^1 + 13^0 + 16^0 + 18^2 = 28 + 91 + 130 + 160 + 182$
$591 := 2^6 + 6^1 + 14^2 + 18^0 + 18^2 = 26 + 61 + 142 + 180 + 182$	$591 := 2^8 + 9^1 + 14^0 + 15^0 + 18^2 = 28 + 91 + 140 + 150 + 182$
$591 := 2^6 + 6^1 + 6^2 + 22^0 + 22^2 = 26 + 61 + 62 + 220 + 222$	$591 := 3^2 + 3^5 + 13^2 + 13^2 + 26^0 = 32 + 35 + 132 + 132 + 260$
$591 := 2^7 + 10^0 + 10^2 + 17^0 + 19^2 = 27 + 100 + 102 + 170 + 192$	$591 := 3^3 + 3^4 + 11^2 + 19^2 + 22^0 = 33 + 34 + 112 + 192 + 220$
$591 := 2^7 + 10^1 + 11^1 + 14^0 + 21^2 = 27 + 101 + 111 + 140 + 212$	$591 := 3^4 + 4^3 + 11^2 + 18^2 + 22^0 = 34 + 43 + 112 + 182 + 220$
$591 := 2^7 + 10^2 + 11^0 + 16^0 + 19^2 = 27 + 102 + 110 + 160 + 192$	$591 := 3^5 + 4^3 + 8^0 + 16^2 + 27^1 = 35 + 43 + 80 + 162 + 271$
$591 := 2^7 + 10^2 + 12^0 + 15^0 + 19^2 = 27 + 102 + 120 + 150 + 192$	$591 := 3^5 + 5^3 + 10^0 + 14^2 + 26^1 = 35 + 53 + 100 + 142 + 261$
$591 := 2^7 + 10^2 + 13^0 + 14^0 + 19^2 = 27 + 102 + 130 + 140 + 192$	
$591 := 2^7 + 3^0 + 10^2 + 19^2 + 24^0 = 27 + 30 + 102 + 192 + 240$	

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$592 := 1^3 + 2^5 + 8^3 + 47^1 = 13 + 25 + 83 + 471$	$592 := 2^9 + 6^2 + 7^0 + 43^1 = 29 + 62 + 70 + 431$
$592 := 1^6 + 6^2 + 8^3 + 43^1 = 16 + 62 + 83 + 431$	$592 := 2^9 + 7^2 + 19^0 + 30^1 = 29 + 72 + 190 + 301$
$592 := 1^7 + 9^2 + 22^2 + 26^1 = 17 + 92 + 222 + 261$	$592 := 2^9 + 8^2 + 15^1 + 33^0 = 29 + 82 + 151 + 330$
$592 := 1^9 + 14^1 + 19^0 + 24^2 = 19 + 141 + 190 + 242$	$592 := 3^5 + 4^4 + 7^2 + 44^1 = 35 + 44 + 72 + 441$

$$\begin{aligned} 592 &:= 1^0 + 1^7 + 9^2 + 22^2 + 25^1 = 10 + 17 + 92 + 222 + 251 & 592 &:= 1^6 + 4^1 + 9^2 + 22^1 + 22^2 = 16 + 41 + 92 + 221 + 222 \\ 592 &:= 1^0 + 1^9 + 13^1 + 19^0 + 24^2 = 10 + 19 + 131 + 190 + 242 & 592 &:= 1^6 + 5^1 + 9^2 + 21^1 + 22^2 = 16 + 51 + 92 + 211 + 222 \\ 592 &:= 1^1 + 1^6 + 9^2 + 22^2 + 25^1 = 11 + 16 + 92 + 222 + 251 & 592 &:= 1^6 + 5^2 + 6^2 + 23^0 + 23^2 = 16 + 52 + 62 + 230 + 232 \\ 592 &:= 1^1 + 1^8 + 13^1 + 19^0 + 24^2 = 11 + 18 + 131 + 190 + 242 & 592 &:= 1^6 + 5^2 + 9^2 + 21^0 + 22^2 = 16 + 52 + 92 + 210 + 222 \\ 592 &:= 1^1 + 2^8 + 10^1 + 18^2 + 27^0 = 11 + 28 + 101 + 182 + 270 & 592 &:= 1^6 + 5^3 + 7^0 + 21^2 + 24^1 = 16 + 53 + 70 + 212 + 241 \\ 592 &:= 1^2 + 1^5 + 9^2 + 22^2 + 25^1 = 12 + 15 + 92 + 222 + 251 & 592 &:= 1^6 + 6^1 + 9^2 + 20^1 + 22^2 = 16 + 61 + 92 + 201 + 222 \\ 592 &:= 1^2 + 1^7 + 13^1 + 19^0 + 24^2 = 12 + 17 + 131 + 190 + 242 & 592 &:= 1^6 + 6^3 + 13^1 + 19^0 + 19^2 = 16 + 63 + 131 + 190 + 192 \\ 592 &:= 1^2 + 2^5 + 7^2 + 22^2 + 26^1 = 12 + 25 + 72 + 222 + 261 & 592 &:= 1^6 + 7^1 + 9^2 + 19^1 + 22^2 = 16 + 71 + 92 + 191 + 222 \\ 592 &:= 1^2 + 2^5 + 8^3 + 20^1 + 27^1 = 12 + 25 + 83 + 201 + 271 & 592 &:= 1^6 + 7^2 + 10^2 + 19^0 + 21^2 = 16 + 72 + 102 + 190 + 212 \\ 592 &:= 1^2 + 2^5 + 8^3 + 21^1 + 26^1 = 12 + 25 + 83 + 211 + 261 & 592 &:= 1^6 + 7^3 + 13^0 + 15^2 + 22^1 = 16 + 73 + 130 + 152 + 221 \\ 592 &:= 1^2 + 2^5 + 8^3 + 22^1 + 25^1 = 12 + 25 + 83 + 221 + 251 & 592 &:= 1^6 + 8^1 + 9^2 + 18^1 + 22^2 = 16 + 81 + 92 + 181 + 222 \\ 592 &:= 1^2 + 2^5 + 8^3 + 23^1 + 24^1 = 12 + 25 + 83 + 231 + 241 & 592 &:= 1^6 + 8^2 + 8^3 + 14^1 + 27^0 = 16 + 82 + 83 + 141 + 270 \\ 592 &:= 1^2 + 2^7 + 13^0 + 21^1 + 21^2 = 12 + 27 + 130 + 211 + 212 & 592 &:= 1^6 + 9^1 + 9^2 + 17^1 + 22^2 = 16 + 91 + 92 + 171 + 222 \\ 592 &:= 1^3 + 1^4 + 9^2 + 22^2 + 25^1 = 13 + 14 + 92 + 222 + 251 & 592 &:= 1^6 + 9^2 + 10^1 + 16^1 + 22^2 = 16 + 92 + 101 + 161 + 222 \\ 592 &:= 1^3 + 1^6 + 13^1 + 19^0 + 24^2 = 13 + 16 + 131 + 190 + 242 & 592 &:= 1^6 + 9^2 + 11^1 + 15^1 + 22^2 = 16 + 92 + 111 + 151 + 222 \\ 592 &:= 1^4 + 1^5 + 13^1 + 19^0 + 24^2 = 14 + 15 + 131 + 190 + 242 & 592 &:= 1^6 + 9^2 + 12^1 + 14^1 + 22^2 = 16 + 92 + 121 + 141 + 222 \\ 592 &:= 1^4 + 3^3 + 10^2 + 21^2 + 23^1 = 14 + 33 + 102 + 212 + 231 & 592 &:= 1^6 + 9^2 + 13^1 + 13^1 + 22^2 = 16 + 92 + 131 + 131 + 222 \\ 592 &:= 1^4 + 3^4 + 5^2 + 22^2 + 27^0 = 14 + 34 + 52 + 222 + 270 & 592 &:= 1^7 + 10^1 + 13^0 + 16^2 + 18^2 = 17 + 101 + 130 + 162 + 182 \\ 592 &:= 1^4 + 3^5 + 13^0 + 18^2 + 23^1 = 14 + 35 + 130 + 182 + 231 & 592 &:= 1^7 + 11^0 + 12^1 + 17^2 + 17^2 = 17 + 110 + 121 + 172 + 172 \\ 592 &:= 1^4 + 4^2 + 4^3 + 22^2 + 27^1 = 14 + 42 + 43 + 222 + 271 & 592 &:= 1^7 + 2^2 + 10^1 + 21^0 + 24^2 = 17 + 22 + 101 + 210 + 242 \\ 592 &:= 1^4 + 4^3 + 12^2 + 19^2 + 22^1 = 14 + 43 + 122 + 192 + 221 & 592 &:= 1^7 + 3^0 + 13^2 + 20^2 + 21^1 = 17 + 30 + 132 + 202 + 211 \\ 592 &:= 1^4 + 5^3 + 9^2 + 19^2 + 24^1 = 14 + 53 + 92 + 192 + 241 & 592 &:= 1^7 + 3^0 + 6^2 + 23^2 + 25^1 = 17 + 30 + 62 + 232 + 251 \\ 592 &:= 1^5 + 3^4 + 7^0 + 22^2 + 25^1 = 15 + 34 + 70 + 222 + 251 & 592 &:= 1^7 + 3^2 + 5^1 + 24^2 + 25^0 = 17 + 32 + 51 + 242 + 250 \\ 592 &:= 1^5 + 4^4 + 10^1 + 18^2 + 25^0 = 15 + 44 + 101 + 182 + 250 & 592 &:= 1^7 + 4^1 + 15^2 + 19^0 + 19^2 = 17 + 41 + 152 + 190 + 192 \\ 592 &:= 1^5 + 6^2 + 7^2 + 22^1 + 22^2 = 15 + 62 + 72 + 221 + 222 & 592 &:= 1^7 + 5^1 + 12^2 + 19^0 + 21^2 = 17 + 51 + 122 + 190 + 212 \\ 592 &:= 1^5 + 6^2 + 8^3 + 16^1 + 27^1 = 15 + 62 + 83 + 161 + 271 & 592 &:= 1^7 + 6^1 + 10^2 + 19^0 + 22^2 = 17 + 61 + 102 + 190 + 222 \\ 592 &:= 1^5 + 6^2 + 8^3 + 17^1 + 26^1 = 15 + 62 + 83 + 171 + 261 & 592 &:= 1^7 + 7^2 + 12^1 + 15^0 + 23^2 = 17 + 72 + 121 + 150 + 232 \\ 592 &:= 1^5 + 6^2 + 8^3 + 18^1 + 25^1 = 15 + 62 + 83 + 181 + 251 & 592 &:= 1^8 + 2^1 + 12^1 + 19^0 + 24^2 = 18 + 21 + 121 + 190 + 242 \\ 592 &:= 1^5 + 6^2 + 8^3 + 19^1 + 24^1 = 15 + 62 + 83 + 191 + 241 & 592 &:= 1^8 + 3^1 + 11^1 + 19^0 + 24^2 = 18 + 31 + 111 + 190 + 242 \\ 592 &:= 1^5 + 6^2 + 8^3 + 20^1 + 23^1 = 15 + 62 + 83 + 201 + 231 & 592 &:= 1^8 + 4^1 + 10^1 + 19^0 + 24^2 = 18 + 41 + 101 + 190 + 242 \\ 592 &:= 1^5 + 6^2 + 8^3 + 21^1 + 22^1 = 15 + 62 + 83 + 211 + 221 & 592 &:= 1^8 + 5^1 + 9^1 + 19^0 + 24^2 = 18 + 51 + 91 + 190 + 242 \\ 592 &:= 1^5 + 7^2 + 9^2 + 20^1 + 21^2 = 15 + 72 + 92 + 201 + 212 & 592 &:= 1^8 + 6^1 + 8^1 + 19^0 + 24^2 = 18 + 61 + 81 + 190 + 242 \\ 592 &:= 1^5 + 9^2 + 13^2 + 17^1 + 18^2 = 15 + 92 + 132 + 171 + 182 & 592 &:= 1^8 + 7^1 + 7^1 + 19^0 + 24^2 = 18 + 71 + 71 + 190 + 242 \\ 592 &:= 1^6 + 13^2 + 14^2 + 15^0 + 15^2 = 16 + 132 + 142 + 150 + 152 & 592 &:= 1^9 + 10^0 + 10^0 + 13^1 + 24^2 = 19 + 100 + 100 + 131 + 242 \\ 592 &:= 1^6 + 2^1 + 9^2 + 22^2 + 24^1 = 16 + 21 + 92 + 222 + 241 & 592 &:= 1^9 + 2^0 + 13^1 + 18^0 + 24^2 = 19 + 20 + 131 + 180 + 242 \\ 592 &:= 1^6 + 2^2 + 15^2 + 19^2 + 21^0 = 16 + 22 + 152 + 192 + 210 & 592 &:= 1^9 + 3^0 + 13^1 + 17^0 + 24^2 = 19 + 30 + 131 + 170 + 242 \\ 592 &:= 1^6 + 2^3 + 6^1 + 24^2 + 25^0 = 16 + 23 + 61 + 242 + 250 & 592 &:= 1^9 + 4^0 + 13^1 + 16^0 + 24^2 = 19 + 40 + 131 + 160 + 242 \\ 592 &:= 1^6 + 3^1 + 9^2 + 22^2 + 23^1 = 16 + 31 + 92 + 222 + 231 & 592 &:= 1^9 + 5^0 + 13^1 + 15^0 + 24^2 = 19 + 50 + 131 + 150 + 242 \end{aligned}$$

$$\begin{aligned} 592 &:= 1^9 + 6^0 + 13^1 + 14^0 + 24^2 = 19 + 60 + 131 + 140 + 242 \\ 592 &:= 1^9 + 7^0 + 13^0 + 13^1 + 24^2 = 19 + 70 + 130 + 131 + 242 \\ 592 &:= 1^9 + 8^0 + 12^0 + 13^1 + 24^2 = 19 + 80 + 120 + 131 + 242 \\ 592 &:= 1^9 + 9^0 + 11^0 + 13^1 + 24^2 = 19 + 90 + 110 + 131 + 242 \\ 592 &:= 2^1 + 2^7 + 10^2 + 19^2 + 25^0 = 21 + 27 + 102 + 192 + 250 \\ 592 &:= 2^1 + 2^8 + 9^1 + 18^2 + 27^0 = 21 + 28 + 91 + 182 + 270 \\ 592 &:= 2^2 + 2^7 + 15^0 + 18^1 + 21^2 = 22 + 27 + 150 + 181 + 212 \\ 592 &:= 2^3 + 3^4 + 15^2 + 16^2 + 22^1 = 23 + 34 + 152 + 162 + 221 \\ 592 &:= 2^3 + 3^4 + 6^2 + 21^2 + 26^1 = 23 + 34 + 62 + 212 + 261 \\ 592 &:= 2^3 + 3^5 + 12^2 + 14^2 + 27^0 = 23 + 35 + 122 + 142 + 270 \\ 592 &:= 2^4 + 2^4 + 10^1 + 21^1 + 23^2 = 24 + 24 + 101 + 211 + 232 \\ 592 &:= 2^4 + 2^4 + 11^1 + 20^1 + 23^2 = 24 + 24 + 111 + 201 + 232 \\ 592 &:= 2^4 + 2^4 + 12^1 + 19^1 + 23^2 = 24 + 24 + 121 + 191 + 232 \\ 592 &:= 2^4 + 2^4 + 13^1 + 18^1 + 23^2 = 24 + 24 + 131 + 181 + 232 \\ 592 &:= 2^4 + 2^4 + 14^1 + 17^1 + 23^2 = 24 + 24 + 141 + 171 + 232 \\ 592 &:= 2^4 + 2^4 + 15^1 + 16^1 + 23^2 = 24 + 24 + 151 + 161 + 232 \\ 592 &:= 2^4 + 2^4 + 4^1 + 23^2 + 27^1 = 24 + 24 + 41 + 232 + 271 \\ 592 &:= 2^4 + 2^4 + 5^1 + 23^2 + 26^1 = 24 + 24 + 51 + 232 + 261 \\ 592 &:= 2^4 + 2^4 + 6^1 + 23^2 + 25^1 = 24 + 24 + 61 + 232 + 251 \\ 592 &:= 2^4 + 2^4 + 7^1 + 23^2 + 24^1 = 24 + 24 + 71 + 232 + 241 \\ 592 &:= 2^4 + 2^4 + 8^1 + 23^1 + 23^2 = 24 + 24 + 81 + 231 + 232 \\ 592 &:= 2^4 + 2^4 + 9^1 + 22^1 + 23^2 = 24 + 24 + 91 + 221 + 232 \\ 592 &:= 2^4 + 2^5 + 14^1 + 17^0 + 23^2 = 24 + 25 + 141 + 170 + 232 \\ 592 &:= 2^4 + 3^3 + 4^3 + 22^2 + 27^0 = 24 + 33 + 43 + 222 + 270 \\ 592 &:= 2^4 + 3^5 + 8^1 + 18^2 + 27^0 = 24 + 35 + 81 + 182 + 270 \\ 592 &:= 2^4 + 5^2 + 5^3 + 20^2 + 26^1 = 24 + 52 + 53 + 202 + 261 \\ 592 &:= 2^5 + 12^2 + 12^2 + 16^1 + 16^2 = 25 + 122 + 122 + 161 + 162 \\ 592 &:= 2^5 + 3^2 + 13^2 + 19^2 + 21^1 = 25 + 32 + 132 + 192 + 211 \\ 592 &:= 2^5 + 3^3 + 8^3 + 20^1 + 25^0 = 25 + 33 + 83 + 201 + 250 \\ 592 &:= 2^5 + 4^2 + 6^2 + 22^2 + 24^1 = 25 + 42 + 62 + 222 + 241 \\ 592 &:= 2^5 + 4^2 + 9^2 + 21^2 + 22^1 = 25 + 42 + 92 + 212 + 221 \\ 592 &:= 2^5 + 4^4 + 14^1 + 17^2 + 21^0 = 25 + 44 + 141 + 172 + 210 \\ 592 &:= 2^5 + 6^2 + 12^2 + 19^1 + 19^2 = 25 + 62 + 122 + 191 + 192 \\ 592 &:= 2^5 + 7^2 + 13^2 + 18^1 + 18^2 = 25 + 72 + 132 + 181 + 182 \\ 592 &:= 2^5 + 7^2 + 7^2 + 21^1 + 21^2 = 25 + 72 + 72 + 211 + 212 \\ 592 &:= 2^5 + 9^2 + 10^2 + 18^1 + 19^2 = 25 + 92 + 102 + 181 + 192 \\ 592 &:= 2^6 + 3^3 + 15^0 + 16^1 + 22^2 = 26 + 33 + 150 + 161 + 222 \\ 592 &:= 2^6 + 4^3 + 9^0 + 21^2 + 22^1 = 26 + 43 + 90 + 212 + 221 \end{aligned}$$

$$\begin{aligned} 592 &:= 2^6 + 6^3 + 11^0 + 17^2 + 22^1 = 26 + 63 + 110 + 172 + 221 \\ 592 &:= 2^6 + 7^3 + 13^2 + 15^1 + 21^0 = 26 + 73 + 132 + 151 + 210 \\ 592 &:= 2^7 + 11^1 + 14^2 + 15^0 + 16^2 = 27 + 111 + 142 + 150 + 162 \\ 592 &:= 2^7 + 13^0 + 13^1 + 15^2 + 15^2 = 27 + 130 + 131 + 152 + 152 \\ 592 &:= 2^7 + 3^0 + 6^2 + 20^2 + 27^1 = 27 + 30 + 62 + 202 + 271 \\ 592 &:= 2^7 + 3^2 + 13^1 + 19^0 + 21^2 = 27 + 32 + 131 + 190 + 212 \\ 592 &:= 2^7 + 4^2 + 6^1 + 21^2 + 25^0 = 27 + 42 + 61 + 212 + 250 \\ 592 &:= 2^7 + 5^1 + 13^2 + 17^2 + 21^0 = 27 + 51 + 132 + 172 + 210 \\ 592 &:= 2^7 + 7^0 + 9^2 + 19^2 + 21^1 = 27 + 70 + 92 + 192 + 211 \\ 592 &:= 2^7 + 7^2 + 14^1 + 15^0 + 20^2 = 27 + 72 + 141 + 150 + 202 \\ 592 &:= 2^7 + 9^0 + 11^2 + 18^1 + 18^2 = 27 + 90 + 112 + 181 + 182 \\ 592 &:= 2^8 + 3^1 + 8^1 + 18^2 + 27^0 = 28 + 31 + 81 + 182 + 270 \\ 592 &:= 2^8 + 4^1 + 7^1 + 18^2 + 27^0 = 28 + 41 + 71 + 182 + 270 \\ 592 &:= 2^8 + 5^1 + 6^1 + 18^2 + 27^0 = 28 + 51 + 61 + 182 + 270 \\ 592 &:= 2^9 + 7^0 + 8^2 + 14^1 + 27^0 = 29 + 70 + 82 + 141 + 270 \\ 592 &:= 2^9 + 8^0 + 8^2 + 14^1 + 26^0 = 29 + 80 + 82 + 141 + 260 \\ 592 &:= 2^9 + 8^2 + 10^0 + 14^1 + 24^0 = 29 + 82 + 100 + 141 + 240 \\ 592 &:= 2^9 + 8^2 + 11^0 + 14^1 + 23^0 = 29 + 82 + 110 + 141 + 230 \\ 592 &:= 2^9 + 8^2 + 12^0 + 14^1 + 22^0 = 29 + 82 + 120 + 141 + 220 \\ 592 &:= 2^9 + 8^2 + 13^0 + 14^1 + 21^0 = 29 + 82 + 130 + 141 + 210 \\ 592 &:= 2^9 + 8^2 + 14^0 + 14^1 + 20^0 = 29 + 82 + 140 + 141 + 200 \\ 592 &:= 2^9 + 8^2 + 14^1 + 15^0 + 19^0 = 29 + 82 + 141 + 150 + 190 \\ 592 &:= 2^9 + 8^2 + 14^1 + 16^0 + 18^0 = 29 + 82 + 141 + 160 + 180 \\ 592 &:= 2^9 + 8^2 + 14^1 + 17^0 + 17^0 = 29 + 82 + 141 + 170 + 170 \\ 592 &:= 2^9 + 8^2 + 9^0 + 14^1 + 25^0 = 29 + 82 + 90 + 141 + 250 \\ 592 &:= 3^2 + 3^5 + 12^2 + 13^2 + 27^1 = 32 + 35 + 122 + 132 + 271 \\ 592 &:= 3^3 + 3^3 + 3^3 + 22^2 + 27^1 = 33 + 33 + 33 + 222 + 271 \\ 592 &:= 3^3 + 3^4 + 10^2 + 19^2 + 23^1 = 33 + 34 + 102 + 192 + 231 \\ 592 &:= 3^3 + 3^4 + 4^2 + 21^2 + 27^1 = 33 + 34 + 42 + 212 + 271 \\ 592 &:= 3^4 + 3^5 + 11^1 + 16^2 + 25^0 = 34 + 35 + 111 + 162 + 250 \\ 592 &:= 3^4 + 4^3 + 10^2 + 18^2 + 23^1 = 34 + 43 + 102 + 182 + 231 \\ 592 &:= 3^4 + 4^3 + 13^2 + 16^2 + 22^1 = 34 + 43 + 132 + 162 + 221 \\ 592 &:= 3^4 + 5^3 + 6^2 + 18^2 + 26^1 = 34 + 53 + 62 + 182 + 261 \\ 592 &:= 3^4 + 5^3 + 7^3 + 16^1 + 27^1 = 34 + 53 + 73 + 161 + 271 \\ 592 &:= 3^4 + 5^3 + 7^3 + 17^1 + 26^1 = 34 + 53 + 73 + 171 + 261 \\ 592 &:= 3^4 + 5^3 + 7^3 + 18^1 + 25^1 = 34 + 53 + 73 + 181 + 251 \\ 592 &:= 3^4 + 5^3 + 7^3 + 19^1 + 24^1 = 34 + 53 + 73 + 191 + 241 \\ 592 &:= 3^4 + 5^3 + 7^3 + 20^1 + 23^1 = 34 + 53 + 73 + 201 + 231 \end{aligned}$$

$$\begin{aligned}
 592 &:= 3^4 + 5^3 + 7^3 + 21^1 + 22^1 = 34 + 53 + 73 + 211 + 221 \\
 592 &:= 3^4 + 6^3 + 10^2 + 13^2 + 26^1 = 34 + 63 + 102 + 132 + 261 \\
 592 &:= 3^5 + 4^2 + 9^2 + 15^2 + 27^1 = 35 + 42 + 92 + 152 + 271 \\
 592 &:= 3^5 + 6^2 + 12^2 + 12^2 + 25^1 = 35 + 62 + 122 + 122 + 251 \\
 592 &:= 3^5 + 7^2 + 7^2 + 15^2 + 26^1 = 35 + 72 + 72 + 152 + 261 \\
 592 &:= 3^5 + 8^2 + 8^2 + 14^2 + 25^1 = 35 + 82 + 82 + 142 + 251 \\
 592 &:= 3^5 + 9^2 + 10^2 + 12^2 + 24^1 = 35 + 92 + 102 + 122 + 241
 \end{aligned}$$

$$\begin{aligned}
 592 &:= 4^4 + 4^4 + 6^2 + 17^1 + 27^1 = 44 + 44 + 62 + 171 + 271 \\
 592 &:= 4^4 + 4^4 + 6^2 + 18^1 + 26^1 = 44 + 44 + 62 + 181 + 261 \\
 592 &:= 4^4 + 4^4 + 6^2 + 19^1 + 25^1 = 44 + 44 + 62 + 191 + 251 \\
 592 &:= 4^4 + 4^4 + 6^2 + 20^1 + 24^1 = 44 + 44 + 62 + 201 + 241 \\
 592 &:= 4^4 + 4^4 + 6^2 + 21^1 + 23^1 = 44 + 44 + 62 + 211 + 231 \\
 592 &:= 4^4 + 4^4 + 6^2 + 22^1 + 22^1 = 44 + 44 + 62 + 221 + 221
 \end{aligned}$$

2.2.494 Number 593

$$\begin{aligned}
 593 &:= 16^1 + 19^0 + 24^2 = 161 + 190 + 242 \\
 593 &:= 1^0 + 15^1 + 19^0 + 24^2 = 10 + 151 + 190 + 242 \\
 593 &:= 10^0 + 10^0 + 15^1 + 24^2 = 100 + 100 + 151 + 242 \\
 593 &:= 2^0 + 15^1 + 18^0 + 24^2 = 20 + 151 + 180 + 242 \\
 593 &:= 2^4 + 2^6 + 8^3 + 46^0 = 24 + 26 + 83 + 460 \\
 593 &:= 2^9 + 4^2 + 8^2 + 44^0 = 29 + 42 + 82 + 440 \\
 593 &:= 2^9 + 4^3 + 16^1 + 36^0 = 29 + 43 + 161 + 360 \\
 593 &:= 3^0 + 15^1 + 17^0 + 24^2 = 30 + 151 + 170 + 242 \\
 593 &:= 4^0 + 15^1 + 16^0 + 24^2 = 40 + 151 + 160 + 242 \\
 593 &:= 5^0 + 15^0 + 15^1 + 24^2 = 50 + 150 + 151 + 242 \\
 593 &:= 6^0 + 14^0 + 15^1 + 24^2 = 60 + 140 + 151 + 242 \\
 593 &:= 7^0 + 13^0 + 15^1 + 24^2 = 70 + 130 + 151 + 242 \\
 593 &:= 8^0 + 12^0 + 15^1 + 24^2 = 80 + 120 + 151 + 242 \\
 593 &:= 9^0 + 11^0 + 15^1 + 24^2 = 90 + 110 + 151 + 242 \\
 593 &:= 1^0 + 1^0 + 14^1 + 19^0 + 24^2 = 10 + 10 + 141 + 190 + 242 \\
 593 &:= 1^0 + 10^0 + 10^0 + 14^1 + 24^2 = 10 + 100 + 100 + 141 + 242 \\
 593 &:= 1^0 + 2^0 + 14^1 + 18^0 + 24^2 = 10 + 20 + 141 + 180 + 242 \\
 593 &:= 1^0 + 3^0 + 14^1 + 17^0 + 24^2 = 10 + 30 + 141 + 170 + 242 \\
 593 &:= 1^0 + 4^0 + 14^1 + 16^0 + 24^2 = 10 + 40 + 141 + 160 + 242 \\
 593 &:= 1^0 + 5^0 + 14^1 + 15^0 + 24^2 = 10 + 50 + 141 + 150 + 242 \\
 593 &:= 1^0 + 6^0 + 14^0 + 14^1 + 24^2 = 10 + 60 + 140 + 141 + 242 \\
 593 &:= 1^0 + 7^0 + 13^0 + 14^1 + 24^2 = 10 + 70 + 130 + 141 + 242 \\
 593 &:= 1^0 + 8^0 + 12^0 + 14^1 + 24^2 = 10 + 80 + 120 + 141 + 242 \\
 593 &:= 1^0 + 9^0 + 11^0 + 14^1 + 24^2 = 10 + 90 + 110 + 141 + 242 \\
 593 &:= 1^1 + 1^9 + 14^1 + 18^0 + 24^2 = 11 + 19 + 141 + 180 + 242 \\
 593 &:= 1^2 + 1^8 + 14^1 + 18^0 + 24^2 = 12 + 18 + 141 + 180 + 242 \\
 593 &:= 1^2 + 2^8 + 11^1 + 18^2 + 26^0 = 12 + 28 + 111 + 182 + 260 \\
 593 &:= 1^3 + 1^7 + 14^1 + 18^0 + 24^2 = 13 + 17 + 141 + 180 + 242
 \end{aligned}$$

$$\begin{aligned}
 593 &:= 1^3 + 2^7 + 12^0 + 21^2 + 22^1 = 13 + 27 + 120 + 212 + 221 \\
 593 &:= 1^4 + 1^6 + 14^1 + 18^0 + 24^2 = 14 + 16 + 141 + 180 + 242 \\
 593 &:= 1^5 + 1^5 + 14^1 + 18^0 + 24^2 = 15 + 15 + 141 + 180 + 242 \\
 593 &:= 1^5 + 3^5 + 12^0 + 18^2 + 24^1 = 15 + 35 + 120 + 182 + 241 \\
 593 &:= 1^6 + 3^4 + 6^0 + 22^2 + 26^1 = 16 + 34 + 60 + 222 + 261 \\
 593 &:= 1^6 + 4^4 + 11^1 + 18^2 + 24^0 = 16 + 44 + 111 + 182 + 240 \\
 593 &:= 1^6 + 5^2 + 5^3 + 21^2 + 26^0 = 16 + 52 + 53 + 212 + 260 \\
 593 &:= 1^7 + 2^3 + 7^1 + 24^0 + 24^2 = 17 + 23 + 71 + 240 + 242 \\
 593 &:= 1^7 + 5^3 + 6^0 + 21^2 + 25^1 = 17 + 53 + 60 + 212 + 251 \\
 593 &:= 1^7 + 6^3 + 14^1 + 18^0 + 19^2 = 17 + 63 + 141 + 180 + 192 \\
 593 &:= 1^7 + 7^3 + 12^0 + 15^2 + 23^1 = 17 + 73 + 120 + 152 + 231 \\
 593 &:= 1^7 + 8^2 + 8^3 + 15^1 + 26^0 = 17 + 82 + 83 + 151 + 260 \\
 593 &:= 1^8 + 10^0 + 13^1 + 17^2 + 17^2 = 18 + 100 + 131 + 172 + 172 \\
 593 &:= 1^8 + 11^1 + 12^0 + 16^2 + 18^2 = 18 + 111 + 120 + 162 + 182 \\
 593 &:= 1^8 + 2^0 + 13^2 + 20^2 + 22^1 = 18 + 20 + 132 + 202 + 221 \\
 593 &:= 1^8 + 2^0 + 6^2 + 23^2 + 26^1 = 18 + 20 + 62 + 232 + 261 \\
 593 &:= 1^8 + 2^2 + 11^1 + 20^0 + 24^2 = 18 + 22 + 111 + 200 + 242 \\
 593 &:= 1^8 + 3^2 + 6^1 + 24^0 + 24^2 = 18 + 32 + 61 + 240 + 242 \\
 593 &:= 1^8 + 5^1 + 15^2 + 18^0 + 19^2 = 18 + 51 + 152 + 180 + 192 \\
 593 &:= 1^8 + 6^1 + 12^2 + 18^0 + 21^2 = 18 + 61 + 122 + 180 + 212 \\
 593 &:= 1^8 + 7^1 + 10^2 + 18^0 + 22^2 = 18 + 71 + 102 + 180 + 222 \\
 593 &:= 1^8 + 7^2 + 13^1 + 14^0 + 23^2 = 18 + 72 + 131 + 140 + 232 \\
 593 &:= 1^9 + 1^9 + 13^2 + 20^2 + 22^1 = 19 + 19 + 132 + 202 + 221 \\
 593 &:= 1^9 + 1^9 + 6^2 + 23^2 + 26^1 = 19 + 19 + 62 + 232 + 261 \\
 593 &:= 1^9 + 2^1 + 13^1 + 18^0 + 24^2 = 19 + 21 + 131 + 180 + 242 \\
 593 &:= 1^9 + 3^1 + 12^1 + 18^0 + 24^2 = 19 + 31 + 121 + 180 + 242 \\
 593 &:= 1^9 + 4^1 + 11^1 + 18^0 + 24^2 = 19 + 41 + 111 + 180 + 242 \\
 593 &:= 1^9 + 5^1 + 10^1 + 18^0 + 24^2 = 19 + 51 + 101 + 180 + 242
 \end{aligned}$$

$$\begin{aligned} 593 &:= 1^9 + 6^1 + 9^1 + 18^0 + 24^2 = 19 + 61 + 91 + 180 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 17^1 + 27^1 = 29 + 60 + 62 + 171 + 271 \\ 593 &:= 1^9 + 7^1 + 8^1 + 18^0 + 24^2 = 19 + 71 + 81 + 180 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 18^1 + 26^1 = 29 + 60 + 62 + 181 + 261 \\ 593 &:= 2^0 + 2^0 + 14^1 + 17^0 + 24^2 = 20 + 20 + 141 + 170 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 19^1 + 25^1 = 29 + 60 + 62 + 191 + 251 \\ 593 &:= 2^0 + 3^0 + 14^1 + 16^0 + 24^2 = 20 + 30 + 141 + 160 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 20^1 + 24^1 = 29 + 60 + 62 + 201 + 241 \\ 593 &:= 2^0 + 4^0 + 14^1 + 15^0 + 24^2 = 20 + 40 + 141 + 150 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 21^1 + 23^1 = 29 + 60 + 62 + 211 + 231 \\ 593 &:= 2^0 + 5^0 + 14^0 + 14^1 + 24^2 = 20 + 50 + 140 + 141 + 242 & 593 &:= 2^9 + 6^0 + 6^2 + 22^1 + 22^1 = 29 + 60 + 62 + 221 + 221 \\ 593 &:= 2^0 + 6^0 + 13^0 + 14^1 + 24^2 = 20 + 60 + 130 + 141 + 242 & 593 &:= 2^9 + 6^1 + 7^2 + 18^0 + 25^1 = 29 + 61 + 72 + 180 + 251 \\ 593 &:= 2^0 + 7^0 + 12^0 + 14^1 + 24^2 = 20 + 70 + 120 + 141 + 242 & 593 &:= 2^9 + 7^1 + 7^2 + 18^0 + 24^1 = 29 + 71 + 72 + 180 + 241 \\ 593 &:= 2^0 + 8^0 + 11^0 + 14^1 + 24^2 = 20 + 80 + 110 + 141 + 242 & 593 &:= 2^9 + 7^2 + 10^1 + 18^0 + 21^1 = 29 + 72 + 101 + 180 + 211 \\ 593 &:= 2^0 + 9^0 + 10^0 + 14^1 + 24^2 = 20 + 90 + 100 + 141 + 242 & 593 &:= 2^9 + 7^2 + 11^1 + 18^0 + 20^1 = 29 + 72 + 111 + 180 + 201 \\ 593 &:= 2^3 + 2^6 + 14^2 + 18^2 + 22^0 = 23 + 26 + 142 + 182 + 220 & 593 &:= 2^9 + 7^2 + 12^1 + 18^0 + 19^1 = 29 + 72 + 121 + 180 + 191 \\ 593 &:= 2^3 + 2^6 + 6^2 + 22^2 + 26^0 = 23 + 26 + 62 + 222 + 260 & 593 &:= 2^9 + 7^2 + 13^1 + 18^0 + 18^1 = 29 + 72 + 131 + 180 + 181 \\ 593 &:= 2^3 + 2^7 + 15^1 + 18^0 + 21^2 = 23 + 27 + 151 + 180 + 212 & 593 &:= 2^9 + 7^2 + 14^1 + 17^1 + 18^0 = 29 + 72 + 141 + 171 + 180 \\ 593 &:= 2^4 + 2^5 + 12^2 + 20^2 + 22^0 = 24 + 25 + 122 + 202 + 220 & 593 &:= 2^9 + 7^2 + 15^1 + 16^1 + 18^0 = 29 + 72 + 151 + 161 + 180 \\ 593 &:= 2^6 + 3^4 + 6^1 + 21^2 + 26^0 = 26 + 34 + 61 + 212 + 260 & 593 &:= 2^9 + 7^2 + 8^1 + 18^0 + 23^1 = 29 + 72 + 81 + 180 + 231 \\ 593 &:= 2^6 + 4^3 + 8^2 + 20^2 + 24^0 = 26 + 43 + 82 + 202 + 240 & 593 &:= 2^9 + 7^2 + 9^1 + 18^0 + 22^1 = 29 + 72 + 91 + 180 + 221 \\ 593 &:= 2^6 + 4^4 + 16^1 + 16^2 + 20^0 = 26 + 44 + 161 + 162 + 200 & 593 &:= 3^0 + 3^0 + 14^1 + 15^0 + 24^2 = 30 + 30 + 141 + 150 + 242 \\ 593 &:= 2^7 + 5^3 + 15^1 + 18^0 + 18^2 = 27 + 53 + 151 + 180 + 182 & 593 &:= 3^0 + 4^0 + 14^0 + 14^1 + 24^2 = 30 + 40 + 140 + 141 + 242 \\ 593 &:= 2^7 + 6^3 + 12^0 + 15^2 + 23^1 = 27 + 63 + 120 + 152 + 231 & 593 &:= 3^0 + 5^0 + 13^0 + 14^1 + 24^2 = 30 + 50 + 130 + 141 + 242 \\ 593 &:= 2^7 + 7^3 + 10^2 + 18^0 + 21^1 = 27 + 73 + 102 + 180 + 211 & 593 &:= 3^0 + 6^0 + 12^0 + 14^1 + 24^2 = 30 + 60 + 120 + 141 + 242 \\ 593 &:= 2^7 + 8^2 + 12^2 + 16^2 + 20^0 = 27 + 82 + 122 + 162 + 200 & 593 &:= 3^0 + 7^0 + 11^0 + 14^1 + 24^2 = 30 + 70 + 110 + 141 + 242 \\ 593 &:= 2^8 + 10^2 + 11^1 + 15^2 + 20^0 = 28 + 102 + 111 + 152 + 200 & 593 &:= 3^0 + 8^0 + 10^0 + 14^1 + 24^2 = 30 + 80 + 100 + 141 + 242 \\ 593 &:= 2^8 + 11^2 + 12^0 + 14^2 + 19^1 = 28 + 112 + 120 + 142 + 191 & 593 &:= 3^0 + 9^0 + 9^0 + 14^1 + 24^2 = 30 + 90 + 90 + 141 + 242 \\ 593 &:= 2^8 + 5^2 + 12^0 + 17^2 + 22^1 = 28 + 52 + 120 + 172 + 221 & 593 &:= 3^5 + 3^5 + 9^2 + 18^0 + 25^1 = 35 + 35 + 92 + 180 + 251 \\ 593 &:= 2^8 + 6^2 + 11^1 + 17^2 + 22^0 = 28 + 62 + 111 + 172 + 220 & 593 &:= 4^0 + 4^0 + 13^0 + 14^1 + 24^2 = 40 + 40 + 130 + 141 + 242 \\ 593 &:= 2^8 + 8^0 + 12^2 + 13^2 + 23^1 = 28 + 80 + 122 + 132 + 231 & 593 &:= 4^0 + 5^0 + 12^0 + 14^1 + 24^2 = 40 + 50 + 120 + 141 + 242 \\ 593 &:= 2^8 + 8^2 + 16^0 + 16^1 + 16^2 = 28 + 82 + 160 + 161 + 162 & 593 &:= 4^0 + 6^0 + 11^0 + 14^1 + 24^2 = 40 + 60 + 110 + 141 + 242 \\ 593 &:= 2^9 + 4^1 + 7^2 + 18^0 + 27^1 = 29 + 41 + 72 + 180 + 271 & 593 &:= 4^0 + 7^0 + 10^0 + 14^1 + 24^2 = 40 + 70 + 100 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 10^0 + 15^1 + 27^0 = 29 + 43 + 100 + 151 + 270 & 593 &:= 4^0 + 8^0 + 9^0 + 14^1 + 24^2 = 40 + 80 + 90 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 11^0 + 15^1 + 26^0 = 29 + 43 + 110 + 151 + 260 & 593 &:= 5^0 + 5^0 + 11^0 + 14^1 + 24^2 = 50 + 50 + 110 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 12^0 + 15^1 + 25^0 = 29 + 43 + 120 + 151 + 250 & 593 &:= 5^0 + 6^0 + 10^0 + 14^1 + 24^2 = 50 + 60 + 100 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 13^0 + 15^1 + 24^0 = 29 + 43 + 130 + 151 + 240 & 593 &:= 5^0 + 7^0 + 9^0 + 14^1 + 24^2 = 50 + 70 + 90 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 14^0 + 15^1 + 23^0 = 29 + 43 + 140 + 151 + 230 & 593 &:= 5^0 + 8^0 + 8^0 + 14^1 + 24^2 = 50 + 80 + 80 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 15^0 + 15^1 + 22^0 = 29 + 43 + 150 + 151 + 220 & 593 &:= 6^0 + 6^0 + 9^0 + 14^1 + 24^2 = 60 + 60 + 90 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 15^1 + 16^0 + 21^0 = 29 + 43 + 151 + 160 + 210 & 593 &:= 6^0 + 7^0 + 8^0 + 14^1 + 24^2 = 60 + 70 + 80 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 15^1 + 17^0 + 20^0 = 29 + 43 + 151 + 170 + 200 & 593 &:= 7^0 + 7^0 + 7^0 + 14^1 + 24^2 = 70 + 70 + 70 + 141 + 242 \\ 593 &:= 2^9 + 4^3 + 15^1 + 18^0 + 19^0 = 29 + 43 + 151 + 180 + 190 \\ 593 &:= 2^9 + 5^1 + 7^2 + 18^0 + 26^1 = 29 + 51 + 72 + 180 + 261 \end{aligned}$$

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$594 := 8^2 + 23^2 + 28^0$	$= 82 + 232 + 280$	$594 := 1^0 + 3^1 + 13^1 + 18^0 + 24^2$	$= 10 + 31 + 131 + 180 + 242$
$594 := 1^0 + 4^2 + 24^2 + 30^0$	$= 10 + 42 + 242 + 300$	$594 := 1^0 + 4^1 + 12^1 + 18^0 + 24^2$	$= 10 + 41 + 121 + 180 + 242$
$594 := 1^1 + 16^1 + 18^0 + 24^2$	$= 11 + 161 + 180 + 242$	$594 := 1^0 + 5^1 + 11^1 + 18^0 + 24^2$	$= 10 + 51 + 111 + 180 + 242$
$594 := 1^6 + 2^5 + 23^2 + 32^1$	$= 16 + 25 + 232 + 321$	$594 := 1^0 + 6^1 + 10^1 + 18^0 + 24^2$	$= 10 + 61 + 101 + 180 + 242$
$594 := 1^8 + 2^4 + 24^2 + 31^0$	$= 18 + 24 + 242 + 310$	$594 := 1^0 + 7^1 + 9^1 + 18^0 + 24^2$	$= 10 + 71 + 91 + 180 + 242$
$594 := 1^9 + 13^2 + 20^2 + 24^1$	$= 19 + 132 + 202 + 241$	$594 := 1^0 + 8^1 + 8^1 + 18^0 + 24^2$	$= 10 + 81 + 81 + 180 + 242$
$594 := 1^9 + 6^2 + 23^2 + 28^1$	$= 19 + 62 + 232 + 281$	$594 := 1^1 + 1^8 + 13^2 + 20^2 + 23^1$	$= 11 + 18 + 132 + 202 + 231$
$594 := 2^0 + 4^2 + 24^2 + 29^0$	$= 20 + 42 + 242 + 290$	$594 := 1^1 + 1^8 + 6^2 + 23^2 + 27^1$	$= 11 + 18 + 62 + 232 + 271$
$594 := 2^1 + 15^1 + 18^0 + 24^2$	$= 21 + 151 + 180 + 242$	$594 := 1^1 + 2^0 + 15^1 + 17^0 + 24^2$	$= 11 + 20 + 151 + 170 + 242$
$594 := 2^8 + 3^4 + 16^2 + 37^0$	$= 28 + 34 + 162 + 370$	$594 := 1^1 + 3^0 + 15^1 + 16^0 + 24^2$	$= 11 + 30 + 151 + 160 + 242$
$594 := 2^8 + 4^4 + 9^2 + 43^0$	$= 28 + 44 + 92 + 430$	$594 := 1^1 + 4^0 + 15^0 + 15^1 + 24^2$	$= 11 + 40 + 150 + 151 + 242$
$594 := 2^8 + 6^3 + 9^2 + 41^1$	$= 28 + 63 + 92 + 411$	$594 := 1^1 + 5^0 + 14^0 + 15^1 + 24^2$	$= 11 + 50 + 140 + 151 + 242$
$594 := 2^9 + 3^2 + 5^2 + 48^1$	$= 29 + 32 + 52 + 481$	$594 := 1^1 + 6^0 + 13^0 + 15^1 + 24^2$	$= 11 + 60 + 130 + 151 + 242$
$594 := 3^0 + 4^2 + 24^2 + 28^0$	$= 30 + 42 + 242 + 280$	$594 := 1^1 + 7^0 + 12^0 + 15^1 + 24^2$	$= 11 + 70 + 120 + 151 + 242$
$594 := 3^1 + 14^1 + 18^0 + 24^2$	$= 31 + 141 + 180 + 242$	$594 := 1^1 + 8^0 + 11^0 + 15^1 + 24^2$	$= 11 + 80 + 110 + 151 + 242$
$594 := 4^0 + 4^2 + 24^2 + 27^0$	$= 40 + 42 + 242 + 270$	$594 := 1^1 + 9^0 + 10^0 + 15^1 + 24^2$	$= 11 + 90 + 100 + 151 + 242$
$594 := 4^1 + 13^1 + 18^0 + 24^2$	$= 41 + 131 + 180 + 242$	$594 := 1^2 + 1^7 + 13^2 + 20^2 + 23^1$	$= 12 + 17 + 132 + 202 + 231$
$594 := 4^2 + 10^0 + 21^0 + 24^2$	$= 42 + 100 + 210 + 242$	$594 := 1^2 + 1^7 + 6^2 + 23^2 + 27^1$	$= 12 + 17 + 62 + 232 + 271$
$594 := 4^2 + 11^0 + 20^0 + 24^2$	$= 42 + 110 + 200 + 242$	$594 := 1^2 + 1^9 + 15^1 + 17^0 + 24^2$	$= 12 + 19 + 151 + 170 + 242$
$594 := 4^2 + 12^0 + 19^0 + 24^2$	$= 42 + 120 + 190 + 242$	$594 := 1^3 + 1^6 + 13^2 + 20^2 + 23^1$	$= 13 + 16 + 132 + 202 + 231$
$594 := 4^2 + 13^0 + 18^0 + 24^2$	$= 42 + 130 + 180 + 242$	$594 := 1^3 + 1^6 + 6^2 + 23^2 + 27^1$	$= 13 + 16 + 62 + 232 + 271$
$594 := 4^2 + 14^0 + 17^0 + 24^2$	$= 42 + 140 + 170 + 242$	$594 := 1^3 + 1^8 + 15^1 + 17^0 + 24^2$	$= 13 + 18 + 151 + 170 + 242$
$594 := 4^2 + 15^0 + 16^0 + 24^2$	$= 42 + 150 + 160 + 242$	$594 := 1^3 + 2^6 + 12^2 + 19^2 + 24^1$	$= 13 + 26 + 122 + 192 + 241$
$594 := 4^2 + 5^0 + 24^2 + 26^0$	$= 42 + 50 + 242 + 260$	$594 := 1^3 + 2^7 + 8^2 + 20^2 + 27^0$	$= 13 + 27 + 82 + 202 + 270$
$594 := 4^2 + 6^0 + 24^2 + 25^0$	$= 42 + 60 + 242 + 250$	$594 := 1^3 + 2^8 + 12^1 + 18^2 + 25^0$	$= 13 + 28 + 121 + 182 + 250$
$594 := 4^2 + 7^0 + 24^0 + 24^2$	$= 42 + 70 + 240 + 242$	$594 := 1^4 + 1^5 + 13^2 + 20^2 + 23^1$	$= 14 + 15 + 132 + 202 + 231$
$594 := 4^2 + 8^0 + 23^0 + 24^2$	$= 42 + 80 + 230 + 242$	$594 := 1^4 + 1^5 + 6^2 + 23^2 + 27^1$	$= 14 + 15 + 62 + 232 + 271$
$594 := 4^2 + 9^0 + 22^0 + 24^2$	$= 42 + 90 + 220 + 242$	$594 := 1^4 + 1^7 + 15^1 + 17^0 + 24^2$	$= 14 + 17 + 151 + 170 + 242$
$594 := 5^1 + 12^1 + 18^0 + 24^2$	$= 51 + 121 + 180 + 242$	$594 := 1^4 + 2^7 + 11^0 + 21^2 + 23^1$	$= 14 + 27 + 110 + 212 + 231$
$594 := 6^1 + 11^1 + 18^0 + 24^2$	$= 61 + 111 + 180 + 242$	$594 := 1^5 + 1^6 + 15^1 + 17^0 + 24^2$	$= 15 + 16 + 151 + 170 + 242$
$594 := 7^1 + 10^1 + 18^0 + 24^2$	$= 71 + 101 + 180 + 242$	$594 := 1^5 + 2^5 + 10^1 + 22^1 + 23^2$	$= 15 + 25 + 101 + 221 + 232$
$594 := 8^1 + 9^1 + 18^0 + 24^2$	$= 81 + 91 + 180 + 242$	$594 := 1^5 + 2^5 + 11^1 + 21^1 + 23^2$	$= 15 + 25 + 111 + 211 + 232$
$594 := 1^0 + 1^1 + 15^1 + 18^0 + 24^2$	$= 10 + 11 + 151 + 180 + 242$	$594 := 1^5 + 2^5 + 12^1 + 20^1 + 23^2$	$= 15 + 25 + 121 + 201 + 232$
$594 := 1^0 + 1^9 + 13^2 + 20^2 + 23^1$	$= 10 + 19 + 132 + 202 + 231$	$594 := 1^5 + 2^5 + 13^1 + 19^1 + 23^2$	$= 15 + 25 + 131 + 191 + 232$
$594 := 1^0 + 1^9 + 6^2 + 23^2 + 27^1$	$= 10 + 19 + 62 + 232 + 271$	$594 := 1^5 + 2^5 + 14^1 + 18^1 + 23^2$	$= 15 + 25 + 141 + 181 + 232$
$594 := 1^0 + 2^1 + 14^1 + 18^0 + 24^2$	$= 10 + 21 + 141 + 180 + 242$	$594 := 1^5 + 2^5 + 15^1 + 17^1 + 23^2$	$= 15 + 25 + 151 + 171 + 232$

$$\begin{aligned} 594 &:= 1^5 + 2^5 + 16^1 + 16^1 + 23^2 = 15 + 25 + 161 + 161 + 232 \\ 594 &:= 1^5 + 2^5 + 5^1 + 23^2 + 27^1 = 15 + 25 + 51 + 232 + 271 \\ 594 &:= 1^5 + 2^5 + 6^1 + 23^2 + 26^1 = 15 + 25 + 61 + 232 + 261 \\ 594 &:= 1^5 + 2^5 + 7^1 + 23^2 + 25^1 = 15 + 25 + 71 + 232 + 251 \\ 594 &:= 1^5 + 2^5 + 8^1 + 23^2 + 24^1 = 15 + 25 + 81 + 232 + 241 \\ 594 &:= 1^5 + 2^5 + 9^1 + 23^1 + 23^2 = 15 + 25 + 91 + 231 + 232 \\ 594 &:= 1^6 + 2^3 + 11^2 + 21^2 + 23^1 = 16 + 23 + 112 + 212 + 231 \\ 594 &:= 1^6 + 3^3 + 12^2 + 20^2 + 22^1 = 16 + 33 + 122 + 202 + 221 \\ 594 &:= 1^6 + 3^3 + 16^2 + 17^2 + 21^1 = 16 + 33 + 162 + 172 + 211 \\ 594 &:= 1^6 + 3^5 + 11^0 + 18^2 + 25^1 = 16 + 35 + 110 + 182 + 251 \\ 594 &:= 1^6 + 4^3 + 8^2 + 21^2 + 24^1 = 16 + 43 + 82 + 212 + 241 \\ 594 &:= 1^6 + 5^3 + 11^2 + 18^2 + 23^1 = 16 + 53 + 112 + 182 + 231 \\ 594 &:= 1^7 + 12^2 + 12^2 + 16^1 + 17^2 = 17 + 122 + 122 + 161 + 172 \\ 594 &:= 1^7 + 2^2 + 9^2 + 22^2 + 24^1 = 17 + 22 + 92 + 222 + 241 \\ 594 &:= 1^7 + 2^3 + 10^2 + 22^2 + 23^0 = 17 + 23 + 102 + 222 + 230 \\ 594 &:= 1^7 + 3^2 + 11^2 + 21^2 + 22^1 = 17 + 32 + 112 + 212 + 221 \\ 594 &:= 1^7 + 3^3 + 6^2 + 23^2 + 25^0 = 17 + 33 + 62 + 232 + 250 \\ 594 &:= 1^7 + 3^3 + 9^2 + 22^2 + 23^0 = 17 + 33 + 92 + 222 + 230 \\ 594 &:= 1^7 + 3^4 + 5^0 + 22^2 + 27^1 = 17 + 34 + 50 + 222 + 271 \\ 594 &:= 1^7 + 4^2 + 14^2 + 19^2 + 20^1 = 17 + 42 + 142 + 192 + 201 \\ 594 &:= 1^7 + 4^4 + 12^1 + 18^2 + 23^0 = 17 + 44 + 121 + 182 + 230 \\ 594 &:= 1^7 + 5^2 + 15^2 + 18^2 + 19^1 = 17 + 52 + 152 + 182 + 191 \\ 594 &:= 1^7 + 8^2 + 16^2 + 16^2 + 17^1 = 17 + 82 + 162 + 162 + 171 \\ 594 &:= 1^8 + 10^1 + 13^2 + 14^1 + 20^2 = 18 + 101 + 132 + 141 + 202 \\ 594 &:= 1^8 + 11^1 + 13^1 + 13^2 + 20^2 = 18 + 111 + 131 + 132 + 202 \\ 594 &:= 1^8 + 12^1 + 12^1 + 13^2 + 20^2 = 18 + 121 + 121 + 132 + 202 \\ 594 &:= 1^8 + 2^1 + 13^2 + 20^2 + 22^1 = 18 + 21 + 132 + 202 + 221 \\ 594 &:= 1^8 + 2^1 + 6^2 + 23^2 + 26^1 = 18 + 21 + 62 + 232 + 261 \\ 594 &:= 1^8 + 2^3 + 8^1 + 23^0 + 24^2 = 18 + 23 + 81 + 230 + 242 \\ 594 &:= 1^8 + 3^1 + 13^2 + 20^2 + 21^1 = 18 + 31 + 132 + 202 + 211 \\ 594 &:= 1^8 + 3^1 + 6^2 + 23^2 + 25^1 = 18 + 31 + 62 + 232 + 251 \\ 594 &:= 1^8 + 4^1 + 13^2 + 20^1 + 20^2 = 18 + 41 + 132 + 201 + 202 \\ 594 &:= 1^8 + 4^1 + 6^2 + 23^2 + 24^1 = 18 + 41 + 62 + 232 + 241 \\ 594 &:= 1^8 + 5^0 + 5^3 + 21^2 + 26^1 = 18 + 50 + 53 + 212 + 261 \\ 594 &:= 1^8 + 5^1 + 13^2 + 19^1 + 20^2 = 18 + 51 + 132 + 191 + 202 \\ 594 &:= 1^8 + 5^1 + 6^2 + 23^1 + 23^2 = 18 + 51 + 62 + 231 + 232 \\ 594 &:= 1^8 + 6^1 + 13^2 + 18^1 + 20^2 = 18 + 61 + 132 + 181 + 202 \\ 594 &:= 1^8 + 6^1 + 6^2 + 22^1 + 23^2 = 18 + 61 + 62 + 221 + 232 \\ 594 &:= 1^8 + 6^2 + 10^1 + 18^1 + 23^2 = 18 + 62 + 101 + 181 + 232 \\ 594 &:= 1^8 + 6^2 + 11^1 + 17^1 + 23^2 = 18 + 62 + 111 + 171 + 232 \\ 594 &:= 1^8 + 6^2 + 12^1 + 16^1 + 23^2 = 18 + 62 + 121 + 161 + 232 \\ 594 &:= 1^8 + 6^2 + 13^1 + 15^1 + 23^2 = 18 + 62 + 131 + 151 + 232 \\ 594 &:= 1^8 + 6^2 + 14^1 + 14^1 + 23^2 = 18 + 62 + 141 + 141 + 232 \\ 594 &:= 1^8 + 6^2 + 7^1 + 21^1 + 23^2 = 18 + 62 + 71 + 211 + 232 \\ 594 &:= 1^8 + 6^2 + 8^1 + 20^1 + 23^2 = 18 + 62 + 81 + 201 + 232 \\ 594 &:= 1^8 + 6^2 + 9^1 + 19^1 + 23^2 = 18 + 62 + 91 + 191 + 232 \\ 594 &:= 1^8 + 6^3 + 15^1 + 17^0 + 19^2 = 18 + 63 + 151 + 170 + 192 \\ 594 &:= 1^8 + 7^1 + 13^2 + 17^1 + 20^2 = 18 + 71 + 132 + 171 + 202 \\ 594 &:= 1^8 + 7^3 + 11^0 + 15^2 + 24^1 = 18 + 73 + 110 + 152 + 241 \\ 594 &:= 1^8 + 8^1 + 13^2 + 16^1 + 20^2 = 18 + 81 + 132 + 161 + 202 \\ 594 &:= 1^8 + 8^2 + 8^3 + 16^1 + 25^0 = 18 + 82 + 83 + 161 + 250 \\ 594 &:= 1^8 + 9^1 + 13^2 + 15^1 + 20^2 = 18 + 91 + 132 + 151 + 202 \\ 594 &:= 1^9 + 11^0 + 12^1 + 16^2 + 18^2 = 19 + 110 + 121 + 162 + 182 \\ 594 &:= 1^9 + 2^2 + 12^1 + 19^0 + 24^2 = 19 + 22 + 121 + 190 + 242 \\ 594 &:= 1^9 + 3^2 + 7^1 + 23^0 + 24^2 = 19 + 32 + 71 + 230 + 242 \\ 594 &:= 1^9 + 6^1 + 15^2 + 17^0 + 19^2 = 19 + 61 + 152 + 170 + 192 \\ 594 &:= 1^9 + 7^1 + 12^2 + 17^0 + 21^2 = 19 + 71 + 122 + 170 + 212 \\ 594 &:= 1^9 + 7^2 + 13^0 + 14^1 + 23^2 = 19 + 72 + 130 + 141 + 232 \\ 594 &:= 1^9 + 8^1 + 10^2 + 17^0 + 22^2 = 19 + 81 + 102 + 170 + 222 \\ 594 &:= 1^9 + 9^0 + 14^1 + 17^2 + 17^2 = 19 + 90 + 141 + 172 + 172 \\ 594 &:= 2^0 + 2^1 + 14^1 + 17^0 + 24^2 = 20 + 21 + 141 + 170 + 242 \\ 594 &:= 2^0 + 3^1 + 13^1 + 17^0 + 24^2 = 20 + 31 + 131 + 170 + 242 \\ 594 &:= 2^0 + 4^1 + 12^1 + 17^0 + 24^2 = 20 + 41 + 121 + 170 + 242 \\ 594 &:= 2^0 + 5^1 + 11^1 + 17^0 + 24^2 = 20 + 51 + 111 + 170 + 242 \\ 594 &:= 2^0 + 6^1 + 10^1 + 17^0 + 24^2 = 20 + 61 + 101 + 170 + 242 \\ 594 &:= 2^0 + 7^1 + 9^1 + 17^0 + 24^2 = 20 + 71 + 91 + 170 + 242 \\ 594 &:= 2^0 + 8^1 + 8^1 + 17^0 + 24^2 = 20 + 81 + 81 + 170 + 242 \\ 594 &:= 2^1 + 3^0 + 14^1 + 16^0 + 24^2 = 21 + 30 + 141 + 160 + 242 \\ 594 &:= 2^1 + 4^0 + 14^1 + 15^0 + 24^2 = 21 + 40 + 141 + 150 + 242 \\ 594 &:= 2^1 + 5^0 + 14^0 + 14^1 + 24^2 = 21 + 50 + 140 + 141 + 242 \\ 594 &:= 2^1 + 6^0 + 13^0 + 14^1 + 24^2 = 21 + 60 + 130 + 141 + 242 \\ 594 &:= 2^1 + 7^0 + 12^0 + 14^1 + 24^2 = 21 + 70 + 120 + 141 + 242 \\ 594 &:= 2^1 + 8^0 + 11^0 + 14^1 + 24^2 = 21 + 80 + 110 + 141 + 242 \\ 594 &:= 2^1 + 9^0 + 10^0 + 14^1 + 24^2 = 21 + 90 + 100 + 141 + 242 \\ 594 &:= 2^4 + 2^5 + 6^2 + 22^2 + 26^1 = 24 + 25 + 62 + 222 + 261 \\ 594 &:= 2^4 + 2^5 + 9^2 + 21^2 + 24^1 = 24 + 25 + 92 + 212 + 241 \end{aligned}$$

$$\begin{aligned} 594 &:= 2^4 + 2^7 + 8^1 + 21^2 + 25^0 = 24 + 27 + 81 + 212 + 250 & 594 &:= 2^8 + 9^2 + 13^1 + 15^2 + 19^1 = 28 + 92 + 131 + 152 + 191 \\ 594 &:= 2^5 + 2^6 + 13^1 + 19^0 + 22^2 = 25 + 26 + 131 + 190 + 222 & 594 &:= 2^8 + 9^2 + 14^1 + 15^2 + 18^1 = 28 + 92 + 141 + 152 + 181 \\ 594 &:= 2^5 + 3^4 + 13^2 + 17^2 + 23^1 = 25 + 34 + 132 + 172 + 231 & 594 &:= 2^8 + 9^2 + 15^1 + 15^2 + 17^1 = 28 + 92 + 151 + 152 + 171 \\ 594 &:= 2^6 + 3^3 + 15^2 + 16^2 + 22^1 = 26 + 33 + 152 + 162 + 221 & 594 &:= 2^8 + 9^2 + 15^2 + 16^1 + 16^1 = 28 + 92 + 152 + 161 + 161 \\ 594 &:= 2^6 + 3^3 + 6^2 + 21^2 + 26^1 = 26 + 33 + 62 + 212 + 261 & 594 &:= 2^9 + 3^2 + 7^2 + 23^0 + 23^1 = 29 + 32 + 72 + 230 + 231 \\ 594 &:= 2^6 + 4^3 + 9^2 + 19^2 + 24^1 = 26 + 43 + 92 + 192 + 241 & 594 &:= 2^9 + 4^2 + 4^3 + 21^0 + 27^0 = 29 + 42 + 43 + 210 + 270 \\ 594 &:= 2^6 + 6^3 + 12^2 + 12^2 + 26^1 = 26 + 63 + 122 + 122 + 261 & 594 &:= 2^9 + 4^2 + 4^3 + 22^0 + 26^0 = 29 + 42 + 43 + 220 + 260 \\ 594 &:= 2^7 + 10^2 + 11^2 + 15^2 + 20^1 = 27 + 102 + 112 + 152 + 201 & 594 &:= 2^9 + 4^2 + 4^3 + 23^0 + 25^0 = 29 + 42 + 43 + 230 + 250 \\ 594 &:= 2^7 + 3^2 + 12^2 + 17^2 + 24^1 = 27 + 32 + 122 + 172 + 241 & 594 &:= 2^9 + 4^2 + 4^3 + 24^0 + 24^0 = 29 + 42 + 43 + 240 + 240 \\ 594 &:= 2^7 + 3^4 + 11^0 + 19^2 + 23^1 = 27 + 34 + 110 + 192 + 231 & 594 &:= 2^9 + 5^2 + 6^2 + 20^1 + 25^0 = 29 + 52 + 62 + 201 + 250 \\ 594 &:= 2^7 + 4^2 + 8^2 + 19^2 + 25^1 = 27 + 42 + 82 + 192 + 251 & 594 &:= 3^0 + 3^1 + 13^1 + 16^0 + 24^2 = 30 + 31 + 131 + 160 + 242 \\ 594 &:= 2^7 + 4^4 + 13^1 + 14^2 + 25^0 = 27 + 44 + 131 + 142 + 250 & 594 &:= 3^0 + 4^1 + 12^1 + 16^0 + 24^2 = 30 + 41 + 121 + 160 + 242 \\ 594 &:= 2^7 + 5^3 + 12^2 + 14^2 + 25^0 = 27 + 53 + 122 + 142 + 250 & 594 &:= 3^0 + 5^1 + 11^1 + 16^0 + 24^2 = 30 + 51 + 111 + 160 + 242 \\ 594 &:= 2^7 + 9^2 + 13^2 + 14^2 + 20^1 = 27 + 92 + 132 + 142 + 201 & 594 &:= 3^0 + 6^1 + 10^1 + 16^0 + 24^2 = 30 + 61 + 101 + 160 + 242 \\ 594 &:= 2^8 + 3^3 + 15^0 + 17^2 + 21^1 = 28 + 33 + 150 + 172 + 211 & 594 &:= 3^0 + 7^1 + 9^1 + 16^0 + 24^2 = 30 + 71 + 91 + 160 + 242 \\ 594 &:= 2^8 + 4^3 + 16^2 + 17^1 + 19^0 = 28 + 43 + 162 + 171 + 190 & 594 &:= 3^0 + 8^1 + 8^1 + 16^0 + 24^2 = 30 + 81 + 81 + 160 + 242 \\ 594 &:= 2^8 + 5^1 + 9^2 + 15^2 + 27^1 = 28 + 51 + 92 + 152 + 271 & 594 &:= 3^1 + 4^0 + 13^1 + 15^0 + 24^2 = 31 + 40 + 131 + 150 + 242 \\ 594 &:= 2^8 + 5^3 + 14^2 + 16^1 + 21^0 = 28 + 53 + 142 + 161 + 210 & 594 &:= 3^1 + 5^0 + 13^1 + 14^0 + 24^2 = 31 + 50 + 131 + 140 + 242 \\ 594 &:= 2^8 + 6^1 + 7^2 + 16^2 + 27^1 = 28 + 61 + 72 + 162 + 271 & 594 &:= 3^1 + 6^0 + 13^0 + 13^1 + 24^2 = 31 + 60 + 130 + 131 + 242 \\ 594 &:= 2^8 + 6^1 + 9^2 + 15^2 + 26^1 = 28 + 61 + 92 + 152 + 261 & 594 &:= 3^1 + 7^0 + 12^0 + 13^1 + 24^2 = 31 + 70 + 120 + 131 + 242 \\ 594 &:= 2^8 + 6^3 + 10^2 + 19^0 + 21^1 = 28 + 63 + 102 + 190 + 211 & 594 &:= 3^1 + 8^0 + 11^0 + 13^1 + 24^2 = 31 + 80 + 110 + 131 + 242 \\ 594 &:= 2^8 + 7^1 + 7^2 + 16^2 + 26^1 = 28 + 71 + 72 + 162 + 261 & 594 &:= 3^1 + 9^0 + 10^0 + 13^1 + 24^2 = 31 + 90 + 100 + 131 + 242 \\ 594 &:= 2^8 + 7^1 + 9^2 + 15^2 + 25^1 = 28 + 71 + 92 + 152 + 251 & 594 &:= 3^5 + 3^5 + 8^2 + 17^1 + 27^1 = 35 + 35 + 82 + 171 + 271 \\ 594 &:= 2^8 + 7^2 + 10^1 + 16^2 + 23^1 = 28 + 72 + 101 + 162 + 231 & 594 &:= 3^5 + 3^5 + 8^2 + 18^1 + 26^1 = 35 + 35 + 82 + 181 + 261 \\ 594 &:= 2^8 + 7^2 + 11^1 + 16^2 + 22^1 = 28 + 72 + 111 + 162 + 221 & 594 &:= 3^5 + 3^5 + 8^2 + 19^1 + 25^1 = 35 + 35 + 82 + 191 + 251 \\ 594 &:= 2^8 + 7^2 + 12^1 + 16^2 + 21^1 = 28 + 72 + 121 + 162 + 211 & 594 &:= 3^5 + 3^5 + 8^2 + 20^1 + 24^1 = 35 + 35 + 82 + 201 + 241 \\ 594 &:= 2^8 + 7^2 + 12^2 + 12^2 + 25^0 = 28 + 72 + 122 + 122 + 250 & 594 &:= 3^5 + 3^5 + 8^2 + 21^1 + 23^1 = 35 + 35 + 82 + 211 + 231 \\ 594 &:= 2^8 + 7^2 + 13^1 + 16^2 + 20^1 = 28 + 72 + 131 + 162 + 201 & 594 &:= 3^5 + 3^5 + 8^2 + 22^1 + 22^1 = 35 + 35 + 82 + 221 + 221 \\ 594 &:= 2^8 + 7^2 + 14^1 + 16^2 + 19^1 = 28 + 72 + 141 + 162 + 191 & 594 &:= 4^0 + 4^1 + 12^1 + 15^0 + 24^2 = 40 + 41 + 121 + 150 + 242 \\ 594 &:= 2^8 + 7^2 + 15^1 + 16^2 + 18^1 = 28 + 72 + 151 + 162 + 181 & 594 &:= 4^0 + 5^1 + 11^1 + 15^0 + 24^2 = 40 + 51 + 111 + 150 + 242 \\ 594 &:= 2^8 + 7^2 + 16^1 + 16^2 + 17^1 = 28 + 72 + 161 + 162 + 171 & 594 &:= 4^0 + 6^1 + 10^1 + 15^0 + 24^2 = 40 + 61 + 101 + 150 + 242 \\ 594 &:= 2^8 + 7^2 + 8^1 + 16^2 + 25^1 = 28 + 72 + 81 + 162 + 251 & 594 &:= 4^0 + 7^1 + 9^1 + 15^0 + 24^2 = 40 + 71 + 91 + 150 + 242 \\ 594 &:= 2^8 + 7^2 + 9^1 + 16^2 + 24^1 = 28 + 72 + 91 + 162 + 241 & 594 &:= 4^0 + 8^1 + 8^1 + 15^0 + 24^2 = 40 + 81 + 81 + 150 + 242 \\ 594 &:= 2^8 + 8^1 + 9^2 + 15^2 + 24^1 = 28 + 81 + 92 + 152 + 241 & 594 &:= 4^1 + 5^0 + 12^1 + 14^0 + 24^2 = 41 + 50 + 121 + 140 + 242 \\ 594 &:= 2^8 + 9^1 + 9^2 + 15^2 + 23^1 = 28 + 91 + 92 + 152 + 231 & 594 &:= 4^1 + 6^0 + 12^1 + 13^0 + 24^2 = 41 + 60 + 121 + 130 + 242 \\ 594 &:= 2^8 + 9^2 + 10^1 + 15^2 + 22^1 = 28 + 92 + 101 + 152 + 221 & 594 &:= 4^1 + 7^0 + 12^0 + 12^1 + 24^2 = 41 + 70 + 120 + 121 + 242 \\ 594 &:= 2^8 + 9^2 + 11^1 + 15^2 + 21^1 = 28 + 92 + 111 + 152 + 211 & 594 &:= 4^1 + 8^0 + 11^0 + 12^1 + 24^2 = 41 + 80 + 110 + 121 + 242 \\ 594 &:= 2^8 + 9^2 + 12^1 + 15^2 + 20^1 = 28 + 92 + 121 + 152 + 201 & 594 &:= 4^1 + 9^0 + 10^0 + 12^1 + 24^2 = 41 + 90 + 100 + 121 + 242 \end{aligned}$$

$$\begin{aligned}
 594 &:= 5^0 + 5^1 + 11^1 + 14^0 + 24^2 = 50 + 51 + 111 + 140 + 242 \\
 594 &:= 5^0 + 6^1 + 10^1 + 14^0 + 24^2 = 50 + 61 + 101 + 140 + 242 \\
 594 &:= 5^0 + 7^1 + 9^1 + 14^0 + 24^2 = 50 + 71 + 91 + 140 + 242 \\
 594 &:= 5^0 + 8^1 + 8^1 + 14^0 + 24^2 = 50 + 81 + 81 + 140 + 242 \\
 594 &:= 5^1 + 6^0 + 11^1 + 13^0 + 24^2 = 51 + 60 + 111 + 130 + 242 \\
 594 &:= 5^1 + 7^0 + 11^1 + 12^0 + 24^2 = 51 + 70 + 111 + 120 + 242 \\
 594 &:= 5^1 + 8^0 + 11^0 + 11^1 + 24^2 = 51 + 80 + 110 + 111 + 242 \\
 594 &:= 5^1 + 9^0 + 10^0 + 11^1 + 24^2 = 51 + 90 + 100 + 111 + 242 \\
 594 &:= 6^0 + 6^1 + 10^1 + 13^0 + 24^2 = 60 + 61 + 101 + 130 + 242 \\
 594 &:= 6^0 + 7^1 + 9^1 + 13^0 + 24^2 = 60 + 71 + 91 + 130 + 242 \\
 594 &:= 6^0 + 8^1 + 8^1 + 13^0 + 24^2 = 60 + 81 + 81 + 130 + 242
 \end{aligned}$$

$$\begin{aligned}
 594 &:= 6^1 + 7^0 + 10^1 + 12^0 + 24^2 = 61 + 70 + 101 + 120 + 242 \\
 594 &:= 6^1 + 8^0 + 10^1 + 11^0 + 24^2 = 61 + 80 + 101 + 110 + 242 \\
 594 &:= 6^1 + 9^0 + 10^0 + 10^1 + 24^2 = 61 + 90 + 100 + 101 + 242 \\
 594 &:= 7^0 + 7^1 + 9^1 + 12^0 + 24^2 = 70 + 71 + 91 + 120 + 242 \\
 594 &:= 7^0 + 8^1 + 8^1 + 12^0 + 24^2 = 70 + 81 + 81 + 120 + 242 \\
 594 &:= 7^1 + 8^0 + 9^1 + 11^0 + 24^2 = 71 + 80 + 91 + 110 + 242 \\
 594 &:= 7^1 + 9^0 + 9^1 + 10^0 + 24^2 = 71 + 90 + 91 + 100 + 242 \\
 594 &:= 8^0 + 8^1 + 8^1 + 11^0 + 24^2 = 80 + 81 + 81 + 110 + 242 \\
 594 &:= 8^1 + 8^1 + 9^0 + 10^0 + 24^2 = 81 + 81 + 90 + 100 + 242
 \end{aligned}$$

2.2.496 Number 595

$$\begin{aligned}
 595 &:= 13^2 + 20^2 + 26^1 = 132 + 202 + 261 \\
 595 &:= 6^2 + 23^2 + 30^1 = 62 + 232 + 301 \\
 595 &:= 1^0 + 13^2 + 20^2 + 25^1 = 10 + 132 + 202 + 251 \\
 595 &:= 1^0 + 4^3 + 23^2 + 31^0 = 10 + 43 + 232 + 310 \\
 595 &:= 1^0 + 6^2 + 23^2 + 29^1 = 10 + 62 + 232 + 291 \\
 595 &:= 1^0 + 8^3 + 9^2 + 41^0 = 10 + 83 + 92 + 410 \\
 595 &:= 1^1 + 8^2 + 23^2 + 27^0 = 11 + 82 + 232 + 270 \\
 595 &:= 1^2 + 17^0 + 17^1 + 24^2 = 12 + 170 + 171 + 242 \\
 595 &:= 1^2 + 2^9 + 3^4 + 52^0 = 12 + 29 + 34 + 520 \\
 595 &:= 1^4 + 2^9 + 9^2 + 46^0 = 14 + 29 + 92 + 460 \\
 595 &:= 1^7 + 2^6 + 23^2 + 32^0 = 17 + 26 + 232 + 320 \\
 595 &:= 1^8 + 3^4 + 8^3 + 46^0 = 18 + 34 + 83 + 460 \\
 595 &:= 10^1 + 10^2 + 17^0 + 22^2 = 101 + 102 + 170 + 222 \\
 595 &:= 11^0 + 14^1 + 16^2 + 18^2 = 110 + 141 + 162 + 182 \\
 595 &:= 2^0 + 4^3 + 23^2 + 30^0 = 20 + 43 + 232 + 300 \\
 595 &:= 2^0 + 8^3 + 9^2 + 40^0 = 20 + 83 + 92 + 400 \\
 595 &:= 2^1 + 4^2 + 24^2 + 29^0 = 21 + 42 + 242 + 290 \\
 595 &:= 2^2 + 14^1 + 19^0 + 24^2 = 22 + 141 + 190 + 242 \\
 595 &:= 2^5 + 2^9 + 4^0 + 50^1 = 25 + 29 + 40 + 501 \\
 595 &:= 3^0 + 4^3 + 23^2 + 29^0 = 30 + 43 + 232 + 290 \\
 595 &:= 3^0 + 8^3 + 9^2 + 39^0 = 30 + 83 + 92 + 390 \\
 595 &:= 3^2 + 9^1 + 23^0 + 24^2 = 32 + 91 + 230 + 242 \\
 595 &:= 4^0 + 4^3 + 23^2 + 28^0 = 40 + 43 + 232 + 280 \\
 595 &:= 4^0 + 8^3 + 9^2 + 38^0 = 40 + 83 + 92 + 380 \\
 595 &:= 4^3 + 10^0 + 22^0 + 23^2 = 43 + 100 + 220 + 232
 \end{aligned}$$

$$\begin{aligned}
 595 &:= 4^3 + 11^0 + 21^0 + 23^2 = 43 + 110 + 210 + 232 \\
 595 &:= 4^3 + 12^0 + 20^0 + 23^2 = 43 + 120 + 200 + 232 \\
 595 &:= 4^3 + 13^0 + 19^0 + 23^2 = 43 + 130 + 190 + 232 \\
 595 &:= 4^3 + 14^0 + 18^0 + 23^2 = 43 + 140 + 180 + 232 \\
 595 &:= 4^3 + 15^0 + 17^0 + 23^2 = 43 + 150 + 170 + 232 \\
 595 &:= 4^3 + 16^0 + 16^0 + 23^2 = 43 + 160 + 160 + 232 \\
 595 &:= 4^3 + 5^0 + 23^2 + 27^0 = 43 + 50 + 232 + 270 \\
 595 &:= 4^3 + 6^0 + 23^2 + 26^0 = 43 + 60 + 232 + 260 \\
 595 &:= 4^3 + 7^0 + 23^2 + 25^0 = 43 + 70 + 232 + 250 \\
 595 &:= 4^3 + 8^0 + 23^2 + 24^0 = 43 + 80 + 232 + 240 \\
 595 &:= 4^3 + 9^0 + 23^0 + 23^2 = 43 + 90 + 230 + 232 \\
 595 &:= 5^0 + 8^3 + 9^2 + 37^0 = 50 + 83 + 92 + 370 \\
 595 &:= 6^0 + 8^3 + 9^2 + 36^0 = 60 + 83 + 92 + 360 \\
 595 &:= 7^0 + 8^3 + 9^2 + 35^0 = 70 + 83 + 92 + 350 \\
 595 &:= 7^2 + 13^0 + 16^1 + 23^2 = 72 + 130 + 161 + 232 \\
 595 &:= 8^0 + 8^3 + 9^2 + 34^0 = 80 + 83 + 92 + 340 \\
 595 &:= 8^1 + 15^2 + 17^0 + 19^2 = 81 + 152 + 170 + 192 \\
 595 &:= 8^3 + 9^0 + 9^2 + 33^0 = 83 + 90 + 92 + 330 \\
 595 &:= 8^3 + 9^2 + 10^0 + 32^0 = 83 + 92 + 100 + 320 \\
 595 &:= 8^3 + 9^2 + 11^0 + 31^0 = 83 + 92 + 110 + 310 \\
 595 &:= 8^3 + 9^2 + 12^0 + 30^0 = 83 + 92 + 120 + 300 \\
 595 &:= 8^3 + 9^2 + 13^0 + 29^0 = 83 + 92 + 130 + 290 \\
 595 &:= 8^3 + 9^2 + 14^0 + 28^0 = 83 + 92 + 140 + 280 \\
 595 &:= 8^3 + 9^2 + 15^0 + 27^0 = 83 + 92 + 150 + 270 \\
 595 &:= 8^3 + 9^2 + 16^0 + 26^0 = 83 + 92 + 160 + 260
 \end{aligned}$$

$$\begin{aligned} 595 &:= 8^3 + 9^2 + 17^0 + 25^0 &= 83 + 92 + 170 + 250 & 595 &:= 1^2 + 2^0 + 16^0 + 16^1 + 24^2 &= 12 + 20 + 160 + 161 + 242 \\ 595 &:= 8^3 + 9^2 + 18^0 + 24^0 &= 83 + 92 + 180 + 240 & 595 &:= 1^2 + 3^0 + 15^0 + 16^1 + 24^2 &= 12 + 30 + 150 + 161 + 242 \\ 595 &:= 8^3 + 9^2 + 19^0 + 23^0 &= 83 + 92 + 190 + 230 & 595 &:= 1^2 + 4^0 + 14^0 + 16^1 + 24^2 &= 12 + 40 + 140 + 161 + 242 \\ 595 &:= 8^3 + 9^2 + 20^0 + 22^0 &= 83 + 92 + 200 + 220 & 595 &:= 1^2 + 5^0 + 13^0 + 16^1 + 24^2 &= 12 + 50 + 130 + 161 + 242 \\ 595 &:= 8^3 + 9^2 + 21^0 + 21^0 &= 83 + 92 + 210 + 210 & 595 &:= 1^2 + 6^0 + 12^0 + 16^1 + 24^2 &= 12 + 60 + 120 + 161 + 242 \\ 595 &:= 9^0 + 16^1 + 17^2 + 17^2 &= 90 + 161 + 172 + 172 & 595 &:= 1^2 + 7^0 + 11^0 + 16^1 + 24^2 &= 12 + 70 + 110 + 161 + 242 \\ 595 &:= 9^1 + 12^2 + 17^0 + 21^2 &= 91 + 122 + 170 + 212 & 595 &:= 1^2 + 8^0 + 10^0 + 16^1 + 24^2 &= 12 + 80 + 100 + 161 + 242 \\ 595 &:= 1^0 + 1^0 + 13^2 + 20^2 + 24^1 &= 10 + 10 + 132 + 202 + 241 & 595 &:= 1^2 + 9^0 + 9^0 + 16^1 + 24^2 &= 12 + 90 + 90 + 161 + 242 \\ 595 &:= 1^0 + 1^2 + 16^1 + 17^0 + 24^2 &= 10 + 12 + 161 + 170 + 242 & 595 &:= 1^3 + 1^9 + 16^0 + 16^1 + 24^2 &= 13 + 19 + 160 + 161 + 242 \\ 595 &:= 1^0 + 11^0 + 13^1 + 16^2 + 18^2 &= 10 + 110 + 131 + 162 + 182 & 595 &:= 1^4 + 1^8 + 16^0 + 16^1 + 24^2 &= 14 + 18 + 160 + 161 + 242 \\ 595 &:= 1^0 + 2^2 + 13^1 + 19^0 + 24^2 &= 10 + 22 + 131 + 190 + 242 & 595 &:= 1^4 + 2^8 + 13^1 + 18^2 + 24^0 &= 14 + 28 + 131 + 182 + 240 \\ 595 &:= 1^0 + 3^2 + 8^1 + 23^0 + 24^2 &= 10 + 32 + 81 + 230 + 242 & 595 &:= 1^5 + 1^7 + 16^0 + 16^1 + 24^2 &= 15 + 17 + 160 + 161 + 242 \\ 595 &:= 1^0 + 7^1 + 15^2 + 17^0 + 19^2 &= 10 + 71 + 152 + 170 + 192 & 595 &:= 1^5 + 2^7 + 10^0 + 21^2 + 24^1 &= 15 + 27 + 100 + 212 + 241 \\ 595 &:= 1^0 + 7^2 + 13^0 + 15^1 + 23^2 &= 10 + 72 + 130 + 151 + 232 & 595 &:= 1^6 + 1^6 + 16^0 + 16^1 + 24^2 &= 16 + 16 + 160 + 161 + 242 \\ 595 &:= 1^0 + 8^1 + 12^2 + 17^0 + 21^2 &= 10 + 81 + 122 + 170 + 212 & 595 &:= 1^7 + 3^4 + 16^2 + 16^2 + 22^0 &= 17 + 34 + 162 + 162 + 220 \\ 595 &:= 1^0 + 9^0 + 15^1 + 17^2 + 17^2 &= 10 + 90 + 151 + 172 + 172 & 595 &:= 1^7 + 3^5 + 10^0 + 18^2 + 26^1 &= 17 + 35 + 100 + 182 + 261 \\ 595 &:= 1^0 + 9^1 + 10^2 + 17^0 + 22^2 &= 10 + 91 + 102 + 170 + 222 & 595 &:= 1^8 + 2^3 + 12^2 + 21^2 + 22^0 &= 18 + 23 + 122 + 212 + 220 \\ 595 &:= 1^1 + 1^1 + 16^1 + 17^0 + 24^2 &= 11 + 11 + 161 + 170 + 242 & 595 &:= 1^8 + 4^4 + 13^1 + 18^2 + 22^0 &= 18 + 44 + 131 + 182 + 220 \\ 595 &:= 1^1 + 2^1 + 15^1 + 17^0 + 24^2 &= 11 + 21 + 151 + 170 + 242 & 595 &:= 1^8 + 5^3 + 12^2 + 18^2 + 22^0 &= 18 + 53 + 122 + 182 + 220 \\ 595 &:= 1^1 + 3^0 + 4^2 + 24^2 + 27^0 &= 11 + 30 + 42 + 242 + 270 & 595 &:= 1^8 + 6^3 + 11^2 + 16^2 + 24^0 &= 18 + 63 + 112 + 162 + 240 \\ 595 &:= 1^1 + 3^1 + 14^1 + 17^0 + 24^2 &= 11 + 31 + 141 + 170 + 242 & 595 &:= 1^9 + 10^2 + 13^2 + 16^0 + 18^2 &= 19 + 102 + 132 + 160 + 182 \\ 595 &:= 1^1 + 4^0 + 4^2 + 24^2 + 26^0 &= 11 + 40 + 42 + 242 + 260 & 595 &:= 1^9 + 2^3 + 9^1 + 22^0 + 24^2 &= 19 + 23 + 91 + 220 + 242 \\ 595 &:= 1^1 + 4^1 + 13^1 + 17^0 + 24^2 &= 11 + 41 + 131 + 170 + 242 & 595 &:= 1^9 + 2^4 + 10^0 + 21^0 + 24^2 &= 19 + 24 + 100 + 210 + 242 \\ 595 &:= 1^1 + 4^2 + 10^0 + 20^0 + 24^2 &= 11 + 42 + 100 + 200 + 242 & 595 &:= 1^9 + 2^4 + 11^0 + 20^0 + 24^2 &= 19 + 24 + 110 + 200 + 242 \\ 595 &:= 1^1 + 4^2 + 11^0 + 19^0 + 24^2 &= 11 + 42 + 110 + 190 + 242 & 595 &:= 1^9 + 2^4 + 12^0 + 19^0 + 24^2 &= 19 + 24 + 120 + 190 + 242 \\ 595 &:= 1^1 + 4^2 + 12^0 + 18^0 + 24^2 &= 11 + 42 + 120 + 180 + 242 & 595 &:= 1^9 + 2^4 + 13^0 + 18^0 + 24^2 &= 19 + 24 + 130 + 180 + 242 \\ 595 &:= 1^1 + 4^2 + 13^0 + 17^0 + 24^2 &= 11 + 42 + 130 + 170 + 242 & 595 &:= 1^9 + 2^4 + 14^0 + 17^0 + 24^2 &= 19 + 24 + 140 + 170 + 242 \\ 595 &:= 1^1 + 4^2 + 14^0 + 16^0 + 24^2 &= 11 + 42 + 140 + 160 + 242 & 595 &:= 1^9 + 2^4 + 15^0 + 16^0 + 24^2 &= 19 + 24 + 150 + 160 + 242 \\ 595 &:= 1^1 + 4^2 + 15^0 + 15^0 + 24^2 &= 11 + 42 + 150 + 150 + 242 & 595 &:= 1^9 + 2^4 + 4^0 + 24^2 + 27^0 &= 19 + 24 + 40 + 242 + 270 \\ 595 &:= 1^1 + 4^2 + 5^0 + 24^2 + 25^0 &= 11 + 42 + 50 + 242 + 250 & 595 &:= 1^9 + 2^4 + 5^0 + 24^2 + 26^0 &= 19 + 24 + 50 + 242 + 260 \\ 595 &:= 1^1 + 4^2 + 6^0 + 24^0 + 24^2 &= 11 + 42 + 60 + 240 + 242 & 595 &:= 1^9 + 2^4 + 6^0 + 24^2 + 25^0 &= 19 + 24 + 60 + 242 + 250 \\ 595 &:= 1^1 + 4^2 + 7^0 + 23^0 + 24^2 &= 11 + 42 + 70 + 230 + 242 & 595 &:= 1^9 + 2^4 + 7^0 + 24^0 + 24^2 &= 19 + 24 + 70 + 240 + 242 \\ 595 &:= 1^1 + 4^2 + 8^0 + 22^0 + 24^2 &= 11 + 42 + 80 + 220 + 242 & 595 &:= 1^9 + 2^4 + 8^0 + 23^0 + 24^2 &= 19 + 24 + 80 + 230 + 242 \\ 595 &:= 1^1 + 4^2 + 9^0 + 21^0 + 24^2 &= 11 + 42 + 90 + 210 + 242 & 595 &:= 1^9 + 2^4 + 9^0 + 22^0 + 24^2 &= 19 + 24 + 90 + 220 + 242 \\ 595 &:= 1^1 + 5^1 + 12^1 + 17^0 + 24^2 &= 11 + 51 + 121 + 170 + 242 & 595 &:= 1^9 + 3^2 + 10^2 + 22^0 + 22^2 &= 19 + 32 + 102 + 220 + 222 \\ 595 &:= 1^1 + 6^1 + 11^1 + 17^0 + 24^2 &= 11 + 61 + 111 + 170 + 242 & 595 &:= 1^9 + 4^0 + 5^3 + 21^2 + 27^1 &= 19 + 40 + 53 + 212 + 271 \\ 595 &:= 1^1 + 7^1 + 10^1 + 17^0 + 24^2 &= 11 + 71 + 101 + 170 + 242 & 595 &:= 1^9 + 6^2 + 14^2 + 18^0 + 19^2 &= 19 + 62 + 142 + 180 + 192 \\ 595 &:= 1^1 + 8^1 + 9^1 + 17^0 + 24^2 &= 11 + 81 + 91 + 170 + 242 & 595 &:= 1^9 + 6^3 + 16^0 + 16^1 + 19^2 &= 19 + 63 + 160 + 161 + 192 \end{aligned}$$

$$\begin{aligned} 595 &:= 1^9 + 7^2 + 12^2 + 18^0 + 20^2 = 19 + 72 + 122 + 180 + 202 \\ 595 &:= 1^9 + 7^3 + 10^0 + 15^2 + 25^1 = 19 + 73 + 100 + 152 + 251 \\ 595 &:= 1^9 + 8^2 + 8^3 + 17^1 + 24^0 = 19 + 82 + 83 + 171 + 240 \\ 595 &:= 1^9 + 9^2 + 16^0 + 16^2 + 16^2 = 19 + 92 + 160 + 162 + 162 \\ 595 &:= 2^0 + 10^0 + 13^1 + 16^2 + 18^2 = 20 + 100 + 131 + 162 + 182 \\ 595 &:= 2^0 + 2^2 + 13^1 + 18^0 + 24^2 = 20 + 22 + 131 + 180 + 242 \\ 595 &:= 2^0 + 3^2 + 8^1 + 22^0 + 24^2 = 20 + 32 + 81 + 220 + 242 \\ 595 &:= 2^0 + 7^1 + 15^2 + 16^0 + 19^2 = 20 + 71 + 152 + 160 + 192 \\ 595 &:= 2^0 + 7^2 + 12^0 + 15^1 + 23^2 = 20 + 72 + 120 + 151 + 232 \\ 595 &:= 2^0 + 8^0 + 15^1 + 17^2 + 17^2 = 20 + 80 + 151 + 172 + 172 \\ 595 &:= 2^0 + 8^1 + 12^2 + 16^0 + 21^2 = 20 + 81 + 122 + 160 + 212 \\ 595 &:= 2^0 + 9^1 + 10^2 + 16^0 + 22^2 = 20 + 91 + 102 + 160 + 222 \\ 595 &:= 2^1 + 2^1 + 14^1 + 17^0 + 24^2 = 21 + 21 + 141 + 170 + 242 \\ 595 &:= 2^1 + 3^1 + 13^1 + 17^0 + 24^2 = 21 + 31 + 131 + 170 + 242 \\ 595 &:= 2^1 + 4^1 + 12^1 + 17^0 + 24^2 = 21 + 41 + 121 + 170 + 242 \\ 595 &:= 2^1 + 5^1 + 11^1 + 17^0 + 24^2 = 21 + 51 + 111 + 170 + 242 \\ 595 &:= 2^1 + 6^1 + 10^1 + 17^0 + 24^2 = 21 + 61 + 101 + 170 + 242 \\ 595 &:= 2^1 + 7^1 + 9^1 + 17^0 + 24^2 = 21 + 71 + 91 + 170 + 242 \\ 595 &:= 2^1 + 8^1 + 8^1 + 17^0 + 24^2 = 21 + 81 + 81 + 170 + 242 \\ 595 &:= 2^2 + 10^0 + 10^0 + 13^1 + 24^2 = 22 + 100 + 100 + 131 + 242 \\ 595 &:= 2^2 + 3^0 + 13^1 + 17^0 + 24^2 = 22 + 30 + 131 + 170 + 242 \\ 595 &:= 2^2 + 4^0 + 13^1 + 16^0 + 24^2 = 22 + 40 + 131 + 160 + 242 \\ 595 &:= 2^2 + 5^0 + 13^1 + 15^0 + 24^2 = 22 + 50 + 131 + 150 + 242 \\ 595 &:= 2^2 + 6^0 + 13^1 + 14^0 + 24^2 = 22 + 60 + 131 + 140 + 242 \\ 595 &:= 2^2 + 7^0 + 13^0 + 13^1 + 24^2 = 22 + 70 + 130 + 131 + 242 \\ 595 &:= 2^2 + 8^0 + 12^0 + 13^1 + 24^2 = 22 + 80 + 120 + 131 + 242 \\ 595 &:= 2^2 + 9^0 + 11^0 + 13^1 + 24^2 = 22 + 90 + 110 + 131 + 242 \\ 595 &:= 2^3 + 2^9 + 7^2 + 22^0 + 25^1 = 23 + 29 + 72 + 220 + 251 \\ 595 &:= 2^4 + 2^7 + 15^2 + 15^2 + 24^0 = 24 + 27 + 152 + 152 + 240 \\ 595 &:= 2^6 + 2^6 + 8^0 + 21^2 + 25^1 = 26 + 26 + 80 + 212 + 251 \\ 595 &:= 2^7 + 3^5 + 12^0 + 14^2 + 27^1 = 27 + 35 + 120 + 142 + 271 \\ 595 &:= 2^8 + 4^4 + 8^2 + 18^1 + 26^0 = 28 + 44 + 82 + 181 + 260 \\ 595 &:= 3^0 + 3^2 + 8^1 + 21^0 + 24^2 = 30 + 32 + 81 + 210 + 242 \\ 595 &:= 3^0 + 7^0 + 15^1 + 17^2 + 17^2 = 30 + 70 + 151 + 172 + 172 \\ 595 &:= 3^0 + 7^1 + 15^0 + 15^2 + 19^2 = 30 + 71 + 150 + 152 + 192 \\ 595 &:= 3^0 + 7^2 + 11^0 + 15^1 + 23^2 = 30 + 72 + 110 + 151 + 232 \\ 595 &:= 3^0 + 8^1 + 12^2 + 15^0 + 21^2 = 30 + 81 + 122 + 150 + 212 \\ 595 &:= 3^0 + 9^0 + 13^1 + 16^2 + 18^2 = 30 + 90 + 131 + 162 + 182 \end{aligned}$$

$$\begin{aligned} 595 &:= 3^0 + 9^1 + 10^2 + 15^0 + 22^2 = 30 + 91 + 102 + 150 + 222 \\ 595 &:= 3^1 + 3^1 + 12^1 + 17^0 + 24^2 = 31 + 31 + 121 + 170 + 242 \\ 595 &:= 3^1 + 4^1 + 11^1 + 17^0 + 24^2 = 31 + 41 + 111 + 170 + 242 \\ 595 &:= 3^1 + 5^1 + 10^1 + 17^0 + 24^2 = 31 + 51 + 101 + 170 + 242 \\ 595 &:= 3^1 + 6^1 + 9^1 + 17^0 + 24^2 = 31 + 61 + 91 + 170 + 242 \\ 595 &:= 3^1 + 7^1 + 8^1 + 17^0 + 24^2 = 31 + 71 + 81 + 170 + 242 \\ 595 &:= 3^2 + 4^0 + 8^1 + 20^0 + 24^2 = 32 + 40 + 81 + 200 + 242 \\ 595 &:= 3^2 + 5^0 + 8^1 + 19^0 + 24^2 = 32 + 50 + 81 + 190 + 242 \\ 595 &:= 3^2 + 6^0 + 8^1 + 18^0 + 24^2 = 32 + 60 + 81 + 180 + 242 \\ 595 &:= 3^2 + 7^0 + 8^1 + 17^0 + 24^2 = 32 + 70 + 81 + 170 + 242 \\ 595 &:= 3^2 + 8^0 + 8^1 + 16^0 + 24^2 = 32 + 80 + 81 + 160 + 242 \\ 595 &:= 3^2 + 8^1 + 10^0 + 14^0 + 24^2 = 32 + 81 + 100 + 140 + 242 \\ 595 &:= 3^2 + 8^1 + 11^0 + 13^0 + 24^2 = 32 + 81 + 110 + 130 + 242 \\ 595 &:= 3^2 + 8^1 + 12^0 + 12^0 + 24^2 = 32 + 81 + 120 + 120 + 242 \\ 595 &:= 3^2 + 8^1 + 9^0 + 15^0 + 24^2 = 32 + 81 + 90 + 150 + 242 \\ 595 &:= 3^4 + 3^5 + 3^5 + 22^0 + 27^1 = 34 + 35 + 35 + 220 + 271 \\ 595 &:= 4^0 + 6^0 + 15^1 + 17^2 + 17^2 = 40 + 60 + 151 + 172 + 172 \\ 595 &:= 4^0 + 7^1 + 14^0 + 15^2 + 19^2 = 40 + 71 + 140 + 152 + 192 \\ 595 &:= 4^0 + 7^2 + 10^0 + 15^1 + 23^2 = 40 + 72 + 100 + 151 + 232 \\ 595 &:= 4^0 + 8^0 + 13^1 + 16^2 + 18^2 = 40 + 80 + 131 + 162 + 182 \\ 595 &:= 4^0 + 8^1 + 12^2 + 14^0 + 21^2 = 40 + 81 + 122 + 140 + 212 \\ 595 &:= 4^0 + 9^1 + 10^2 + 14^0 + 22^2 = 40 + 91 + 102 + 140 + 222 \\ 595 &:= 4^1 + 4^1 + 10^1 + 17^0 + 24^2 = 41 + 41 + 101 + 170 + 242 \\ 595 &:= 4^1 + 5^1 + 9^1 + 17^0 + 24^2 = 41 + 51 + 91 + 170 + 242 \\ 595 &:= 4^1 + 6^1 + 8^1 + 17^0 + 24^2 = 41 + 61 + 81 + 170 + 242 \\ 595 &:= 4^1 + 7^1 + 7^1 + 17^0 + 24^2 = 41 + 71 + 71 + 170 + 242 \\ 595 &:= 5^0 + 5^0 + 15^1 + 17^2 + 17^2 = 50 + 50 + 151 + 172 + 172 \\ 595 &:= 5^0 + 7^0 + 13^1 + 16^2 + 18^2 = 50 + 70 + 131 + 162 + 182 \\ 595 &:= 5^0 + 7^1 + 13^0 + 15^2 + 19^2 = 50 + 71 + 130 + 152 + 192 \\ 595 &:= 5^0 + 7^2 + 9^0 + 15^1 + 23^2 = 50 + 72 + 90 + 151 + 232 \\ 595 &:= 5^0 + 8^1 + 12^2 + 13^0 + 21^2 = 50 + 81 + 122 + 130 + 212 \\ 595 &:= 5^0 + 9^1 + 10^2 + 13^0 + 22^2 = 50 + 91 + 102 + 130 + 222 \\ 595 &:= 5^1 + 5^1 + 8^1 + 17^0 + 24^2 = 51 + 51 + 81 + 170 + 242 \\ 595 &:= 5^1 + 6^1 + 7^1 + 17^0 + 24^2 = 51 + 61 + 71 + 170 + 242 \\ 595 &:= 6^0 + 6^0 + 13^1 + 16^2 + 18^2 = 60 + 60 + 131 + 162 + 182 \\ 595 &:= 6^0 + 7^1 + 12^0 + 15^2 + 19^2 = 60 + 71 + 120 + 152 + 192 \\ 595 &:= 6^0 + 7^2 + 8^0 + 15^1 + 23^2 = 60 + 72 + 80 + 151 + 232 \\ 595 &:= 6^0 + 8^1 + 12^0 + 12^2 + 21^2 = 60 + 81 + 120 + 122 + 212 \end{aligned}$$

$$\begin{aligned}
 595 &:= 6^0 + 9^1 + 10^2 + 12^0 + 22^2 = 60 + 91 + 102 + 120 + 222 \\
 595 &:= 6^1 + 6^1 + 6^1 + 17^0 + 24^2 = 61 + 61 + 61 + 170 + 242 \\
 595 &:= 7^0 + 7^0 + 7^2 + 15^1 + 23^2 = 70 + 70 + 72 + 151 + 232 \\
 595 &:= 7^0 + 7^1 + 11^0 + 15^2 + 19^2 = 70 + 71 + 110 + 152 + 192 \\
 595 &:= 7^0 + 8^1 + 11^0 + 12^2 + 21^2 = 70 + 81 + 110 + 122 + 212 \\
 595 &:= 7^0 + 9^1 + 10^2 + 11^0 + 22^2 = 70 + 91 + 102 + 110 + 222 \\
 595 &:= 7^1 + 8^0 + 10^0 + 15^2 + 19^2 = 71 + 80 + 100 + 152 + 192
 \end{aligned}$$

$$\begin{aligned}
 595 &:= 7^1 + 9^0 + 9^0 + 15^2 + 19^2 = 71 + 90 + 90 + 152 + 192 \\
 595 &:= 8^0 + 8^1 + 10^0 + 12^2 + 21^2 = 80 + 81 + 100 + 122 + 212 \\
 595 &:= 8^0 + 9^1 + 10^0 + 10^2 + 22^2 = 80 + 91 + 100 + 102 + 222 \\
 595 &:= 8^1 + 9^0 + 9^0 + 12^2 + 21^2 = 81 + 90 + 90 + 122 + 212 \\
 595 &:= 9^0 + 9^0 + 9^1 + 10^2 + 22^2 = 90 + 90 + 91 + 102 + 222
 \end{aligned}$$

2.2.497 Number 596

$$\begin{aligned}
 596 &:= 1^3 + 16^0 + 18^1 + 24^2 = 13 + 160 + 181 + 242 \\
 596 &:= 2^1 + 4^3 + 23^2 + 30^0 = 21 + 43 + 232 + 300 \\
 596 &:= 2^1 + 8^3 + 9^2 + 40^0 = 21 + 83 + 92 + 400 \\
 596 &:= 2^3 + 11^1 + 22^0 + 24^2 = 23 + 111 + 220 + 242 \\
 596 &:= 2^6 + 2^9 + 19^1 + 35^0 = 26 + 29 + 191 + 350 \\
 596 &:= 3^2 + 15^2 + 19^2 + 22^0 = 32 + 152 + 192 + 220 \\
 596 &:= 4^0 + 5^3 + 21^2 + 29^1 = 40 + 53 + 212 + 291 \\
 596 &:= 6^3 + 16^0 + 18^1 + 19^2 = 63 + 160 + 181 + 192 \\
 596 &:= 7^2 + 8^3 + 10^0 + 34^1 = 72 + 83 + 100 + 341 \\
 596 &:= 7^3 + 10^0 + 15^2 + 27^1 = 73 + 100 + 152 + 271 \\
 596 &:= 8^2 + 8^3 + 19^1 + 24^0 = 82 + 83 + 191 + 240 \\
 596 &:= 9^2 + 15^2 + 17^2 + 18^0 = 92 + 152 + 172 + 180 \\
 596 &:= 1^0 + 1^2 + 8^2 + 23^2 + 26^0 = 10 + 12 + 82 + 232 + 260 \\
 596 &:= 1^0 + 1^3 + 16^0 + 17^1 + 24^2 = 10 + 13 + 160 + 171 + 242 \\
 596 &:= 1^0 + 12^2 + 15^2 + 15^2 + 16^0 = 10 + 122 + 152 + 152 + 160 \\
 596 &:= 1^0 + 13^2 + 13^2 + 16^0 + 16^2 = 10 + 132 + 132 + 160 + 162 \\
 596 &:= 1^0 + 2^3 + 10^1 + 22^0 + 24^2 = 10 + 23 + 101 + 220 + 242 \\
 596 &:= 1^0 + 3^2 + 12^2 + 21^2 + 22^0 = 10 + 32 + 122 + 212 + 220 \\
 596 &:= 1^0 + 4^2 + 17^2 + 17^2 + 20^0 = 10 + 42 + 172 + 172 + 200 \\
 596 &:= 1^0 + 4^2 + 7^2 + 23^2 + 24^0 = 10 + 42 + 72 + 232 + 240 \\
 596 &:= 1^0 + 5^2 + 13^2 + 20^0 + 20^2 = 10 + 52 + 132 + 200 + 202 \\
 596 &:= 1^0 + 6^3 + 16^0 + 17^1 + 19^2 = 10 + 63 + 160 + 171 + 192 \\
 596 &:= 1^0 + 7^2 + 16^2 + 17^2 + 18^0 = 10 + 72 + 162 + 172 + 180 \\
 596 &:= 1^0 + 7^3 + 10^0 + 15^2 + 26^1 = 10 + 73 + 100 + 152 + 261 \\
 596 &:= 1^0 + 8^2 + 13^2 + 18^0 + 19^2 = 10 + 82 + 132 + 180 + 192 \\
 596 &:= 1^0 + 8^2 + 8^3 + 18^1 + 24^0 = 10 + 82 + 83 + 181 + 240 \\
 596 &:= 1^1 + 1^1 + 8^2 + 23^2 + 26^0 = 11 + 11 + 82 + 232 + 260 \\
 596 &:= 1^1 + 1^2 + 16^0 + 17^1 + 24^2 = 11 + 12 + 160 + 171 + 242 \\
 596 &:= 1^1 + 10^0 + 14^1 + 16^2 + 18^2 = 11 + 100 + 141 + 162 + 182
 \end{aligned}$$

$$\begin{aligned}
 596 &:= 1^1 + 10^1 + 10^2 + 16^0 + 22^2 = 11 + 101 + 102 + 160 + 222 \\
 596 &:= 1^1 + 2^2 + 14^1 + 18^0 + 24^2 = 11 + 22 + 141 + 180 + 242 \\
 596 &:= 1^1 + 3^2 + 9^1 + 22^0 + 24^2 = 11 + 32 + 91 + 220 + 242 \\
 596 &:= 1^1 + 4^0 + 4^3 + 23^2 + 27^0 = 11 + 40 + 43 + 232 + 270 \\
 596 &:= 1^1 + 4^3 + 10^0 + 21^0 + 23^2 = 11 + 43 + 100 + 210 + 232 \\
 596 &:= 1^1 + 4^3 + 11^0 + 20^0 + 23^2 = 11 + 43 + 110 + 200 + 232 \\
 596 &:= 1^1 + 4^3 + 12^0 + 19^0 + 23^2 = 11 + 43 + 120 + 190 + 232 \\
 596 &:= 1^1 + 4^3 + 13^0 + 18^0 + 23^2 = 11 + 43 + 130 + 180 + 232 \\
 596 &:= 1^1 + 4^3 + 14^0 + 17^0 + 23^2 = 11 + 43 + 140 + 170 + 232 \\
 596 &:= 1^1 + 4^3 + 15^0 + 16^0 + 23^2 = 11 + 43 + 150 + 160 + 232 \\
 596 &:= 1^1 + 4^3 + 5^0 + 23^2 + 26^0 = 11 + 43 + 50 + 232 + 260 \\
 596 &:= 1^1 + 4^3 + 6^0 + 23^2 + 25^0 = 11 + 43 + 60 + 232 + 250 \\
 596 &:= 1^1 + 4^3 + 7^0 + 23^2 + 24^0 = 11 + 43 + 70 + 232 + 240 \\
 596 &:= 1^1 + 4^3 + 8^0 + 23^0 + 23^2 = 11 + 43 + 80 + 230 + 232 \\
 596 &:= 1^1 + 4^3 + 9^0 + 22^0 + 23^2 = 11 + 43 + 90 + 220 + 232 \\
 596 &:= 1^1 + 7^2 + 12^0 + 16^1 + 23^2 = 11 + 72 + 120 + 161 + 232 \\
 596 &:= 1^1 + 8^0 + 16^1 + 17^2 + 17^2 = 11 + 80 + 161 + 172 + 172 \\
 596 &:= 1^1 + 8^1 + 15^2 + 16^0 + 19^2 = 11 + 81 + 152 + 160 + 192 \\
 596 &:= 1^1 + 8^3 + 9^2 + 14^0 + 27^0 = 11 + 83 + 92 + 140 + 270 \\
 596 &:= 1^1 + 8^3 + 9^2 + 15^0 + 26^0 = 11 + 83 + 92 + 150 + 260 \\
 596 &:= 1^1 + 8^3 + 9^2 + 16^0 + 25^0 = 11 + 83 + 92 + 160 + 250 \\
 596 &:= 1^1 + 8^3 + 9^2 + 17^0 + 24^0 = 11 + 83 + 92 + 170 + 240 \\
 596 &:= 1^1 + 8^3 + 9^2 + 18^0 + 23^0 = 11 + 83 + 92 + 180 + 230 \\
 596 &:= 1^1 + 8^3 + 9^2 + 19^0 + 22^0 = 11 + 83 + 92 + 190 + 220 \\
 596 &:= 1^1 + 8^3 + 9^2 + 20^0 + 21^0 = 11 + 83 + 92 + 200 + 210 \\
 596 &:= 1^1 + 9^1 + 12^2 + 16^0 + 21^2 = 11 + 91 + 122 + 160 + 212 \\
 596 &:= 1^2 + 2^0 + 8^2 + 23^2 + 25^0 = 12 + 20 + 82 + 232 + 250 \\
 596 &:= 1^2 + 2^1 + 16^0 + 16^1 + 24^2 = 12 + 21 + 160 + 161 + 242 \\
 596 &:= 1^2 + 3^0 + 8^2 + 23^2 + 24^0 = 12 + 30 + 82 + 232 + 240
 \end{aligned}$$

$$\begin{aligned} 596 &:= 1^2 + 3^1 + 15^1 + 16^0 + 24^2 = 12 + 31 + 151 + 160 + 242 \\ 596 &:= 1^2 + 4^0 + 8^2 + 23^0 + 23^2 = 12 + 40 + 82 + 230 + 232 \\ 596 &:= 1^2 + 4^1 + 14^1 + 16^0 + 24^2 = 12 + 41 + 141 + 160 + 242 \\ 596 &:= 1^2 + 5^0 + 8^2 + 22^0 + 23^2 = 12 + 50 + 82 + 220 + 232 \\ 596 &:= 1^2 + 5^1 + 13^1 + 16^0 + 24^2 = 12 + 51 + 131 + 160 + 242 \\ 596 &:= 1^2 + 6^0 + 8^2 + 21^0 + 23^2 = 12 + 60 + 82 + 210 + 232 \\ 596 &:= 1^2 + 6^1 + 12^1 + 16^0 + 24^2 = 12 + 61 + 121 + 160 + 242 \\ 596 &:= 1^2 + 7^0 + 8^2 + 20^0 + 23^2 = 12 + 70 + 82 + 200 + 232 \\ 596 &:= 1^2 + 7^1 + 11^1 + 16^0 + 24^2 = 12 + 71 + 111 + 160 + 242 \\ 596 &:= 1^2 + 8^0 + 8^2 + 19^0 + 23^2 = 12 + 80 + 82 + 190 + 232 \\ 596 &:= 1^2 + 8^1 + 10^1 + 16^0 + 24^2 = 12 + 81 + 101 + 160 + 242 \\ 596 &:= 1^2 + 8^2 + 10^0 + 17^0 + 23^2 = 12 + 82 + 100 + 170 + 232 \\ 596 &:= 1^2 + 8^2 + 11^0 + 16^0 + 23^2 = 12 + 82 + 110 + 160 + 232 \\ 596 &:= 1^2 + 8^2 + 12^0 + 15^0 + 23^2 = 12 + 82 + 120 + 150 + 232 \\ 596 &:= 1^2 + 8^2 + 13^0 + 14^0 + 23^2 = 12 + 82 + 130 + 140 + 232 \\ 596 &:= 1^2 + 8^2 + 9^0 + 18^0 + 23^2 = 12 + 82 + 90 + 180 + 232 \\ 596 &:= 1^2 + 9^1 + 9^1 + 16^0 + 24^2 = 12 + 91 + 91 + 160 + 242 \\ 596 &:= 1^3 + 1^9 + 8^2 + 23^2 + 25^0 = 13 + 19 + 82 + 232 + 250 \\ 596 &:= 1^3 + 2^0 + 15^0 + 17^1 + 24^2 = 13 + 20 + 150 + 171 + 242 \\ 596 &:= 1^3 + 2^9 + 3^4 + 25^0 + 27^0 = 13 + 29 + 34 + 250 + 270 \\ 596 &:= 1^3 + 2^9 + 3^4 + 26^0 + 26^0 = 13 + 29 + 34 + 260 + 260 \\ 596 &:= 1^3 + 3^0 + 14^0 + 17^1 + 24^2 = 13 + 30 + 140 + 171 + 242 \\ 596 &:= 1^3 + 4^0 + 13^0 + 17^1 + 24^2 = 13 + 40 + 130 + 171 + 242 \\ 596 &:= 1^3 + 5^0 + 12^0 + 17^1 + 24^2 = 13 + 50 + 120 + 171 + 242 \\ 596 &:= 1^3 + 6^0 + 11^0 + 17^1 + 24^2 = 13 + 60 + 110 + 171 + 242 \\ 596 &:= 1^3 + 7^0 + 10^0 + 17^1 + 24^2 = 13 + 70 + 100 + 171 + 242 \\ 596 &:= 1^3 + 8^0 + 9^0 + 17^1 + 24^2 = 13 + 80 + 90 + 171 + 242 \\ 596 &:= 1^4 + 1^8 + 8^2 + 23^2 + 25^0 = 14 + 18 + 82 + 232 + 250 \\ 596 &:= 1^4 + 1^9 + 15^0 + 17^1 + 24^2 = 14 + 19 + 150 + 171 + 242 \\ 596 &:= 1^5 + 1^7 + 8^2 + 23^2 + 25^0 = 15 + 17 + 82 + 232 + 250 \\ 596 &:= 1^5 + 1^8 + 15^0 + 17^1 + 24^2 = 15 + 18 + 150 + 171 + 242 \\ 596 &:= 1^5 + 2^6 + 8^2 + 21^2 + 26^1 = 15 + 26 + 82 + 212 + 261 \\ 596 &:= 1^5 + 2^8 + 14^1 + 18^2 + 23^0 = 15 + 28 + 141 + 182 + 230 \\ 596 &:= 1^5 + 2^9 + 9^2 + 19^0 + 27^0 = 15 + 29 + 92 + 190 + 270 \\ 596 &:= 1^5 + 2^9 + 9^2 + 20^0 + 26^0 = 15 + 29 + 92 + 200 + 260 \\ 596 &:= 1^5 + 2^9 + 9^2 + 21^0 + 25^0 = 15 + 29 + 92 + 210 + 250 \\ 596 &:= 1^5 + 2^9 + 9^2 + 22^0 + 24^0 = 15 + 29 + 92 + 220 + 240 \\ 596 &:= 1^5 + 2^9 + 9^2 + 23^0 + 23^0 = 15 + 29 + 92 + 230 + 230 \\ 596 &:= 1^6 + 1^6 + 8^2 + 23^2 + 25^0 = 16 + 16 + 82 + 232 + 250 \\ 596 &:= 1^6 + 1^7 + 15^0 + 17^1 + 24^2 = 16 + 17 + 150 + 171 + 242 \\ 596 &:= 1^6 + 2^6 + 13^2 + 19^2 + 23^0 = 16 + 26 + 132 + 192 + 230 \\ 596 &:= 1^6 + 2^7 + 9^0 + 21^2 + 25^1 = 16 + 27 + 90 + 212 + 251 \\ 596 &:= 1^7 + 2^4 + 14^2 + 19^2 + 22^1 = 17 + 24 + 142 + 192 + 221 \\ 596 &:= 1^7 + 2^5 + 11^2 + 21^2 + 23^0 = 17 + 25 + 112 + 212 + 230 \\ 596 &:= 1^8 + 2^4 + 17^2 + 17^2 + 21^0 = 18 + 24 + 172 + 172 + 210 \\ 596 &:= 1^8 + 2^4 + 7^2 + 23^2 + 25^0 = 18 + 24 + 72 + 232 + 250 \\ 596 &:= 1^8 + 2^6 + 10^0 + 22^0 + 23^2 = 18 + 26 + 100 + 220 + 232 \\ 596 &:= 1^8 + 2^6 + 11^0 + 21^0 + 23^2 = 18 + 26 + 110 + 210 + 232 \\ 596 &:= 1^8 + 2^6 + 12^0 + 20^0 + 23^2 = 18 + 26 + 120 + 200 + 232 \\ 596 &:= 1^8 + 2^6 + 13^0 + 19^0 + 23^2 = 18 + 26 + 130 + 190 + 232 \\ 596 &:= 1^8 + 2^6 + 14^0 + 18^0 + 23^2 = 18 + 26 + 140 + 180 + 232 \\ 596 &:= 1^8 + 2^6 + 15^0 + 17^0 + 23^2 = 18 + 26 + 150 + 170 + 232 \\ 596 &:= 1^8 + 2^6 + 16^0 + 16^0 + 23^2 = 18 + 26 + 160 + 160 + 232 \\ 596 &:= 1^8 + 2^6 + 5^0 + 23^2 + 27^0 = 18 + 26 + 50 + 232 + 270 \\ 596 &:= 1^8 + 2^6 + 6^0 + 23^2 + 26^0 = 18 + 26 + 60 + 232 + 260 \\ 596 &:= 1^8 + 2^6 + 7^0 + 23^2 + 25^0 = 18 + 26 + 70 + 232 + 250 \\ 596 &:= 1^8 + 2^6 + 8^0 + 23^2 + 24^0 = 18 + 26 + 80 + 232 + 240 \\ 596 &:= 1^8 + 2^6 + 9^0 + 23^0 + 23^2 = 18 + 26 + 90 + 230 + 232 \\ 596 &:= 1^8 + 3^5 + 9^0 + 18^2 + 27^1 = 18 + 35 + 90 + 182 + 271 \\ 596 &:= 1^8 + 4^4 + 13^2 + 13^2 + 27^0 = 18 + 44 + 132 + 132 + 270 \\ 596 &:= 1^8 + 6^3 + 8^2 + 17^2 + 26^1 = 18 + 63 + 82 + 172 + 261 \\ 596 &:= 1^9 + 11^2 + 13^2 + 16^1 + 17^2 = 19 + 112 + 132 + 161 + 172 \\ 596 &:= 1^9 + 2^2 + 13^2 + 20^2 + 22^1 = 19 + 22 + 132 + 202 + 221 \\ 596 &:= 1^9 + 2^2 + 6^2 + 23^2 + 26^1 = 19 + 22 + 62 + 232 + 261 \\ 596 &:= 1^9 + 2^3 + 15^2 + 19^2 + 21^0 = 19 + 23 + 152 + 192 + 210 \\ 596 &:= 1^9 + 3^4 + 8^3 + 19^0 + 27^0 = 19 + 34 + 83 + 190 + 270 \\ 596 &:= 1^9 + 3^4 + 8^3 + 20^0 + 26^0 = 19 + 34 + 83 + 200 + 260 \\ 596 &:= 1^9 + 3^4 + 8^3 + 21^0 + 25^0 = 19 + 34 + 83 + 210 + 250 \\ 596 &:= 1^9 + 3^4 + 8^3 + 22^0 + 24^0 = 19 + 34 + 83 + 220 + 240 \\ 596 &:= 1^9 + 3^4 + 8^3 + 23^0 + 23^0 = 19 + 34 + 83 + 230 + 230 \\ 596 &:= 1^9 + 4^2 + 5^2 + 23^2 + 25^1 = 19 + 42 + 52 + 232 + 251 \\ 596 &:= 1^9 + 4^3 + 13^2 + 19^2 + 21^0 = 19 + 43 + 132 + 192 + 210 \\ 596 &:= 1^9 + 4^3 + 8^3 + 18^1 + 27^0 = 19 + 43 + 83 + 181 + 270 \\ 596 &:= 1^9 + 4^4 + 14^1 + 18^2 + 21^0 = 19 + 44 + 141 + 182 + 210 \\ 596 &:= 1^9 + 5^2 + 8^2 + 22^1 + 22^2 = 19 + 52 + 82 + 221 + 222 \\ 596 &:= 1^9 + 8^2 + 15^2 + 17^1 + 17^2 = 19 + 82 + 152 + 171 + 172 \end{aligned}$$

$$\begin{aligned} 596 &:= 2^0 + 12^2 + 15^0 + 15^2 + 15^2 = 20 + 122 + 150 + 152 + 152 & 596 &:= 2^5 + 2^9 + 3^0 + 25^1 + 26^1 = 25 + 29 + 30 + 251 + 261 \\ 596 &:= 2^0 + 13^2 + 13^2 + 15^0 + 16^2 = 20 + 132 + 132 + 150 + 162 & 596 &:= 2^6 + 2^9 + 10^0 + 18^1 + 26^0 = 26 + 29 + 100 + 181 + 260 \\ 596 &:= 2^0 + 2^3 + 10^1 + 21^0 + 24^2 = 20 + 23 + 101 + 210 + 242 & 596 &:= 2^6 + 2^9 + 11^0 + 18^1 + 25^0 = 26 + 29 + 110 + 181 + 250 \\ 596 &:= 2^0 + 3^2 + 12^2 + 21^0 + 21^2 = 20 + 32 + 122 + 210 + 212 & 596 &:= 2^6 + 2^9 + 12^0 + 18^1 + 24^0 = 26 + 29 + 120 + 181 + 240 \\ 596 &:= 2^0 + 3^2 + 3^2 + 24^2 + 27^0 = 20 + 32 + 32 + 242 + 270 & 596 &:= 2^6 + 2^9 + 13^0 + 18^1 + 23^0 = 26 + 29 + 130 + 181 + 230 \\ 596 &:= 2^0 + 4^2 + 17^2 + 17^2 + 19^0 = 20 + 42 + 172 + 172 + 190 & 596 &:= 2^6 + 2^9 + 14^0 + 18^1 + 22^0 = 26 + 29 + 140 + 181 + 220 \\ 596 &:= 2^0 + 4^2 + 7^2 + 23^0 + 23^2 = 20 + 42 + 72 + 230 + 232 & 596 &:= 2^6 + 2^9 + 15^0 + 18^1 + 21^0 = 26 + 29 + 150 + 181 + 210 \\ 596 &:= 2^0 + 5^2 + 13^2 + 19^0 + 20^2 = 20 + 52 + 132 + 190 + 202 & 596 &:= 2^6 + 2^9 + 16^0 + 18^1 + 20^0 = 26 + 29 + 160 + 181 + 200 \\ 596 &:= 2^0 + 6^3 + 15^0 + 17^1 + 19^2 = 20 + 63 + 150 + 171 + 192 & 596 &:= 2^6 + 2^9 + 17^0 + 18^1 + 19^0 = 26 + 29 + 170 + 181 + 190 \\ 596 &:= 2^0 + 7^2 + 16^2 + 17^0 + 17^2 = 20 + 72 + 162 + 170 + 172 & 596 &:= 2^6 + 2^9 + 18^0 + 18^0 + 18^1 = 26 + 29 + 180 + 180 + 181 \\ 596 &:= 2^0 + 7^3 + 9^0 + 15^2 + 26^1 = 20 + 73 + 90 + 152 + 261 & 596 &:= 2^6 + 2^9 + 9^0 + 18^1 + 27^0 = 26 + 29 + 90 + 181 + 270 \\ 596 &:= 2^0 + 8^2 + 13^2 + 17^0 + 19^2 = 20 + 82 + 132 + 170 + 192 & 596 &:= 3^0 + 12^2 + 14^0 + 15^2 + 15^2 = 30 + 122 + 140 + 152 + 152 \\ 596 &:= 2^0 + 8^2 + 8^3 + 18^1 + 23^0 = 20 + 82 + 83 + 181 + 230 & 596 &:= 3^0 + 13^2 + 13^2 + 14^0 + 16^2 = 30 + 132 + 132 + 140 + 162 \\ 596 &:= 2^1 + 10^0 + 13^1 + 16^2 + 18^2 = 21 + 100 + 131 + 162 + 182 & 596 &:= 3^0 + 3^2 + 12^2 + 20^0 + 21^2 = 30 + 32 + 122 + 200 + 212 \\ 596 &:= 2^1 + 2^2 + 13^1 + 18^0 + 24^2 = 21 + 22 + 131 + 180 + 242 & 596 &:= 3^0 + 3^2 + 3^2 + 24^2 + 26^0 = 30 + 32 + 32 + 242 + 260 \\ 596 &:= 2^1 + 3^2 + 8^1 + 22^0 + 24^2 = 21 + 32 + 81 + 220 + 242 & 596 &:= 3^0 + 4^2 + 17^2 + 17^2 + 18^0 = 30 + 42 + 172 + 172 + 180 \\ 596 &:= 2^1 + 7^1 + 15^2 + 16^0 + 19^2 = 21 + 71 + 152 + 160 + 192 & 596 &:= 3^0 + 4^2 + 7^2 + 22^0 + 23^2 = 30 + 42 + 72 + 220 + 232 \\ 596 &:= 2^1 + 7^2 + 12^0 + 15^1 + 23^2 = 21 + 72 + 120 + 151 + 232 & 596 &:= 3^0 + 5^2 + 13^2 + 18^0 + 20^2 = 30 + 52 + 132 + 180 + 202 \\ 596 &:= 2^1 + 8^0 + 15^1 + 17^2 + 17^2 = 21 + 80 + 151 + 172 + 172 & 596 &:= 3^0 + 6^3 + 14^0 + 17^1 + 19^2 = 30 + 63 + 140 + 171 + 192 \\ 596 &:= 2^1 + 8^1 + 12^2 + 16^0 + 21^2 = 21 + 81 + 122 + 160 + 212 & 596 &:= 3^0 + 7^2 + 16^0 + 16^2 + 17^2 = 30 + 72 + 160 + 162 + 172 \\ 596 &:= 2^1 + 9^1 + 10^2 + 16^0 + 22^2 = 21 + 91 + 102 + 160 + 222 & 596 &:= 3^0 + 7^3 + 8^0 + 15^2 + 26^1 = 30 + 73 + 80 + 152 + 261 \\ 596 &:= 2^2 + 3^1 + 12^1 + 18^0 + 24^2 = 22 + 31 + 121 + 180 + 242 & 596 &:= 3^0 + 8^2 + 13^2 + 16^0 + 19^2 = 30 + 82 + 132 + 160 + 192 \\ 596 &:= 2^2 + 4^1 + 11^1 + 18^0 + 24^2 = 22 + 41 + 111 + 180 + 242 & 596 &:= 3^0 + 8^2 + 8^3 + 18^1 + 22^0 = 30 + 82 + 83 + 181 + 220 \\ 596 &:= 2^2 + 5^1 + 10^1 + 18^0 + 24^2 = 22 + 51 + 101 + 180 + 242 & 596 &:= 3^1 + 10^0 + 12^1 + 16^2 + 18^2 = 31 + 100 + 121 + 162 + 182 \\ 596 &:= 2^2 + 6^1 + 9^1 + 18^0 + 24^2 = 22 + 61 + 91 + 180 + 242 & 596 &:= 3^1 + 3^2 + 7^1 + 22^0 + 24^2 = 31 + 32 + 71 + 220 + 242 \\ 596 &:= 2^2 + 7^1 + 8^1 + 18^0 + 24^2 = 22 + 71 + 81 + 180 + 242 & 596 &:= 3^1 + 6^1 + 15^2 + 16^0 + 19^2 = 31 + 61 + 152 + 160 + 192 \\ 596 &:= 2^3 + 10^0 + 10^1 + 13^0 + 24^2 = 23 + 100 + 101 + 130 + 242 & 596 &:= 3^1 + 7^1 + 12^2 + 16^0 + 21^2 = 31 + 71 + 122 + 160 + 212 \\ 596 &:= 2^3 + 10^1 + 11^0 + 12^0 + 24^2 = 23 + 101 + 110 + 120 + 242 & 596 &:= 3^1 + 7^2 + 12^0 + 14^1 + 23^2 = 31 + 72 + 120 + 141 + 232 \\ 596 &:= 2^3 + 3^0 + 10^1 + 20^0 + 24^2 = 23 + 30 + 101 + 200 + 242 & 596 &:= 3^1 + 8^0 + 14^1 + 17^2 + 17^2 = 31 + 80 + 141 + 172 + 172 \\ 596 &:= 2^3 + 4^0 + 10^1 + 19^0 + 24^2 = 23 + 40 + 101 + 190 + 242 & 596 &:= 3^1 + 8^1 + 10^2 + 16^0 + 22^2 = 31 + 81 + 102 + 160 + 222 \\ 596 &:= 2^3 + 5^0 + 10^1 + 18^0 + 24^2 = 23 + 50 + 101 + 180 + 242 & 596 &:= 3^2 + 10^0 + 12^2 + 13^0 + 21^2 = 32 + 100 + 122 + 130 + 212 \\ 596 &:= 2^3 + 6^0 + 10^1 + 17^0 + 24^2 = 23 + 60 + 101 + 170 + 242 & 596 &:= 3^2 + 11^0 + 12^0 + 12^2 + 21^2 = 32 + 110 + 120 + 122 + 212 \\ 596 &:= 2^3 + 7^0 + 10^1 + 16^0 + 24^2 = 23 + 70 + 101 + 160 + 242 & 596 &:= 3^2 + 3^2 + 10^0 + 19^0 + 24^2 = 32 + 32 + 100 + 190 + 242 \\ 596 &:= 2^3 + 8^0 + 10^1 + 15^0 + 24^2 = 23 + 80 + 101 + 150 + 242 & 596 &:= 3^2 + 3^2 + 11^0 + 18^0 + 24^2 = 32 + 32 + 110 + 180 + 242 \\ 596 &:= 2^3 + 9^0 + 10^1 + 14^0 + 24^2 = 23 + 90 + 101 + 140 + 242 & 596 &:= 3^2 + 3^2 + 12^0 + 17^0 + 24^2 = 32 + 32 + 120 + 170 + 242 \\ 596 &:= 2^4 + 2^7 + 8^2 + 19^2 + 27^1 = 24 + 27 + 82 + 192 + 271 & 596 &:= 3^2 + 3^2 + 13^0 + 16^0 + 24^2 = 32 + 32 + 130 + 160 + 242 \\ 596 &:= 2^5 + 2^8 + 17^2 + 18^1 + 19^0 = 25 + 28 + 172 + 181 + 190 & 596 &:= 3^2 + 3^2 + 14^0 + 15^0 + 24^2 = 32 + 32 + 140 + 150 + 242 \\ 596 &:= 2^5 + 2^9 + 3^0 + 24^1 + 27^1 = 25 + 29 + 30 + 241 + 271 & 596 &:= 3^2 + 3^2 + 4^0 + 24^2 + 25^0 = 32 + 32 + 40 + 242 + 250 \end{aligned}$$

$$\begin{aligned}
 596 &:= 3^2 + 3^2 + 5^0 + 24^0 + 24^2 = 32 + 32 + 50 + 240 + 242 \\
 596 &:= 3^2 + 3^2 + 6^0 + 23^0 + 24^2 = 32 + 32 + 60 + 230 + 242 \\
 596 &:= 3^2 + 3^2 + 7^0 + 22^0 + 24^2 = 32 + 32 + 70 + 220 + 242 \\
 596 &:= 3^2 + 3^2 + 8^0 + 21^0 + 24^2 = 32 + 32 + 80 + 210 + 242 \\
 596 &:= 3^2 + 3^2 + 9^0 + 20^0 + 24^2 = 32 + 32 + 90 + 200 + 242 \\
 596 &:= 3^2 + 4^0 + 12^2 + 19^0 + 21^2 = 32 + 40 + 122 + 190 + 212 \\
 596 &:= 3^2 + 4^1 + 6^1 + 22^0 + 24^2 = 32 + 41 + 61 + 220 + 242 \\
 596 &:= 3^2 + 5^0 + 12^2 + 18^0 + 21^2 = 32 + 50 + 122 + 180 + 212 \\
 596 &:= 3^2 + 5^1 + 5^1 + 22^0 + 24^2 = 32 + 51 + 51 + 220 + 242 \\
 596 &:= 3^2 + 6^0 + 12^2 + 17^0 + 21^2 = 32 + 60 + 122 + 170 + 212 \\
 596 &:= 3^2 + 7^0 + 12^2 + 16^0 + 21^2 = 32 + 70 + 122 + 160 + 212 \\
 596 &:= 3^2 + 8^0 + 12^2 + 15^0 + 21^2 = 32 + 80 + 122 + 150 + 212 \\
 596 &:= 3^2 + 9^0 + 12^2 + 14^0 + 21^2 = 32 + 90 + 122 + 140 + 212 \\
 596 &:= 4^0 + 12^2 + 13^0 + 15^2 + 15^2 = 40 + 122 + 130 + 152 + 152 \\
 596 &:= 4^0 + 13^0 + 13^2 + 13^2 + 16^2 = 40 + 130 + 132 + 132 + 162 \\
 596 &:= 4^0 + 4^2 + 17^0 + 17^2 + 17^2 = 40 + 42 + 170 + 172 + 172 \\
 596 &:= 4^0 + 4^2 + 7^2 + 21^0 + 23^2 = 40 + 42 + 72 + 210 + 232 \\
 596 &:= 4^0 + 5^2 + 13^2 + 17^0 + 20^2 = 40 + 52 + 132 + 170 + 202 \\
 596 &:= 4^0 + 6^3 + 13^0 + 17^1 + 19^2 = 40 + 63 + 130 + 171 + 192 \\
 596 &:= 4^0 + 7^0 + 7^3 + 15^2 + 26^1 = 40 + 70 + 73 + 152 + 261 \\
 596 &:= 4^0 + 7^2 + 15^0 + 16^2 + 17^2 = 40 + 72 + 150 + 162 + 172 \\
 596 &:= 4^0 + 8^2 + 13^2 + 15^0 + 19^2 = 40 + 82 + 132 + 150 + 192 \\
 596 &:= 4^0 + 8^2 + 8^3 + 18^1 + 21^0 = 40 + 82 + 83 + 181 + 210 \\
 596 &:= 4^1 + 10^0 + 11^1 + 16^2 + 18^2 = 41 + 100 + 111 + 162 + 182 \\
 596 &:= 4^1 + 5^1 + 15^2 + 16^0 + 19^2 = 41 + 51 + 152 + 160 + 192 \\
 596 &:= 4^1 + 6^1 + 12^2 + 16^0 + 21^2 = 41 + 61 + 122 + 160 + 212 \\
 596 &:= 4^1 + 7^1 + 10^2 + 16^0 + 22^2 = 41 + 71 + 102 + 160 + 222 \\
 596 &:= 4^1 + 7^2 + 12^0 + 13^1 + 23^2 = 41 + 72 + 120 + 131 + 232 \\
 596 &:= 4^1 + 8^0 + 13^1 + 17^2 + 17^2 = 41 + 80 + 131 + 172 + 172 \\
 596 &:= 4^2 + 10^0 + 11^0 + 17^2 + 17^2 = 42 + 100 + 110 + 172 + 172 \\
 596 &:= 4^2 + 5^0 + 16^0 + 17^2 + 17^2 = 42 + 50 + 160 + 172 + 172 \\
 596 &:= 4^2 + 5^0 + 7^2 + 20^0 + 23^2 = 42 + 50 + 72 + 200 + 232 \\
 596 &:= 4^2 + 6^0 + 15^0 + 17^2 + 17^2 = 42 + 60 + 150 + 172 + 172 \\
 596 &:= 4^2 + 6^0 + 7^2 + 19^0 + 23^2 = 42 + 60 + 72 + 190 + 232 \\
 596 &:= 4^2 + 7^0 + 14^0 + 17^2 + 17^2 = 42 + 70 + 140 + 172 + 172 \\
 596 &:= 4^2 + 7^0 + 7^2 + 18^0 + 23^2 = 42 + 70 + 72 + 180 + 232 \\
 596 &:= 4^2 + 7^2 + 10^0 + 15^0 + 23^2 = 42 + 72 + 100 + 150 + 232 \\
 596 &:= 4^2 + 7^2 + 11^0 + 14^0 + 23^2 = 42 + 72 + 110 + 140 + 232
 \end{aligned}$$

$$\begin{aligned}
 596 &:= 4^2 + 7^2 + 12^0 + 13^0 + 23^2 = 42 + 72 + 120 + 130 + 232 \\
 596 &:= 4^2 + 7^2 + 8^0 + 17^0 + 23^2 = 42 + 72 + 80 + 170 + 232 \\
 596 &:= 4^2 + 7^2 + 9^0 + 16^0 + 23^2 = 42 + 72 + 90 + 160 + 232 \\
 596 &:= 4^2 + 8^0 + 13^0 + 17^2 + 17^2 = 42 + 80 + 130 + 172 + 172 \\
 596 &:= 4^2 + 9^0 + 12^0 + 17^2 + 17^2 = 42 + 90 + 120 + 172 + 172 \\
 596 &:= 5^0 + 12^0 + 12^2 + 15^2 + 15^2 = 50 + 120 + 122 + 152 + 152 \\
 596 &:= 5^0 + 12^0 + 13^2 + 13^2 + 16^2 = 50 + 120 + 132 + 132 + 162 \\
 596 &:= 5^0 + 5^2 + 13^2 + 16^0 + 20^2 = 50 + 52 + 132 + 160 + 202 \\
 596 &:= 5^0 + 6^0 + 7^3 + 15^2 + 26^1 = 50 + 60 + 73 + 152 + 261 \\
 596 &:= 5^0 + 6^3 + 12^0 + 17^1 + 19^2 = 50 + 63 + 120 + 171 + 192 \\
 596 &:= 5^0 + 7^2 + 14^0 + 16^2 + 17^2 = 50 + 72 + 140 + 162 + 172 \\
 596 &:= 5^0 + 8^2 + 13^2 + 14^0 + 19^2 = 50 + 82 + 132 + 140 + 192 \\
 596 &:= 5^0 + 8^2 + 8^3 + 18^1 + 20^0 = 50 + 82 + 83 + 181 + 200 \\
 596 &:= 5^1 + 10^0 + 10^1 + 16^2 + 18^2 = 51 + 100 + 101 + 162 + 182 \\
 596 &:= 5^1 + 5^1 + 12^2 + 16^0 + 21^2 = 51 + 51 + 122 + 160 + 212 \\
 596 &:= 5^1 + 6^1 + 10^2 + 16^0 + 22^2 = 51 + 61 + 102 + 160 + 222 \\
 596 &:= 5^1 + 7^2 + 12^0 + 12^1 + 23^2 = 51 + 72 + 120 + 121 + 232 \\
 596 &:= 5^1 + 8^0 + 12^1 + 17^2 + 17^2 = 51 + 80 + 121 + 172 + 172 \\
 596 &:= 5^2 + 10^0 + 11^0 + 13^2 + 20^2 = 52 + 100 + 110 + 132 + 202 \\
 596 &:= 5^2 + 6^0 + 13^2 + 15^0 + 20^2 = 52 + 60 + 132 + 150 + 202 \\
 596 &:= 5^2 + 7^0 + 13^2 + 14^0 + 20^2 = 52 + 70 + 132 + 140 + 202 \\
 596 &:= 5^2 + 8^0 + 13^0 + 13^2 + 20^2 = 52 + 80 + 130 + 132 + 202 \\
 596 &:= 5^2 + 9^0 + 12^0 + 13^2 + 20^2 = 52 + 90 + 120 + 132 + 202 \\
 596 &:= 6^0 + 11^0 + 12^2 + 15^2 + 15^2 = 60 + 110 + 122 + 152 + 152 \\
 596 &:= 6^0 + 11^0 + 13^2 + 13^2 + 16^2 = 60 + 110 + 132 + 132 + 162 \\
 596 &:= 6^0 + 6^3 + 11^0 + 17^1 + 19^2 = 60 + 63 + 110 + 171 + 192 \\
 596 &:= 6^0 + 7^2 + 13^0 + 16^2 + 17^2 = 60 + 72 + 130 + 162 + 172 \\
 596 &:= 6^0 + 8^2 + 13^0 + 13^2 + 19^2 = 60 + 82 + 130 + 132 + 192 \\
 596 &:= 6^0 + 8^2 + 8^3 + 18^1 + 19^0 = 60 + 82 + 83 + 181 + 190 \\
 596 &:= 6^1 + 7^2 + 11^1 + 12^0 + 23^2 = 61 + 72 + 111 + 120 + 232 \\
 596 &:= 6^1 + 8^0 + 11^1 + 17^2 + 17^2 = 61 + 80 + 111 + 172 + 172 \\
 596 &:= 6^1 + 9^1 + 10^0 + 16^2 + 18^2 = 61 + 91 + 100 + 162 + 182 \\
 596 &:= 6^3 + 7^0 + 10^0 + 17^1 + 19^2 = 63 + 70 + 100 + 171 + 192 \\
 596 &:= 6^3 + 8^0 + 9^0 + 17^1 + 19^2 = 63 + 80 + 90 + 171 + 192 \\
 596 &:= 7^0 + 10^0 + 12^2 + 15^2 + 15^2 = 70 + 100 + 122 + 152 + 152 \\
 596 &:= 7^0 + 10^0 + 13^2 + 13^2 + 16^2 = 70 + 100 + 132 + 132 + 162 \\
 596 &:= 7^0 + 7^2 + 12^0 + 16^2 + 17^2 = 70 + 72 + 120 + 162 + 172 \\
 596 &:= 7^0 + 8^2 + 12^0 + 13^2 + 19^2 = 70 + 82 + 120 + 132 + 192
 \end{aligned}$$

$$\begin{aligned}
 596 &:= 7^0 + 8^2 + 8^3 + 18^0 + 18^1 = 70 + 82 + 83 + 180 + 181 \\
 596 &:= 7^1 + 7^2 + 10^1 + 12^0 + 23^2 = 71 + 72 + 101 + 120 + 232 \\
 596 &:= 7^1 + 8^0 + 10^1 + 17^2 + 17^2 = 71 + 80 + 101 + 172 + 172 \\
 596 &:= 7^1 + 8^1 + 10^0 + 16^2 + 18^2 = 71 + 81 + 100 + 162 + 182 \\
 596 &:= 7^2 + 8^0 + 11^0 + 16^2 + 17^2 = 72 + 80 + 110 + 162 + 172 \\
 596 &:= 7^2 + 8^1 + 9^1 + 12^0 + 23^2 = 72 + 81 + 91 + 120 + 232 \\
 596 &:= 7^2 + 9^0 + 10^0 + 16^2 + 17^2 = 72 + 90 + 100 + 162 + 172 \\
 596 &:= 8^0 + 8^1 + 9^1 + 17^2 + 17^2 = 80 + 81 + 91 + 172 + 172 \\
 596 &:= 8^0 + 8^2 + 11^0 + 13^2 + 19^2 = 80 + 82 + 110 + 132 + 192
 \end{aligned}$$

$$\begin{aligned}
 596 &:= 8^0 + 8^2 + 8^3 + 17^0 + 18^1 = 80 + 82 + 83 + 170 + 181 \\
 596 &:= 8^0 + 9^0 + 12^2 + 15^2 + 15^2 = 80 + 90 + 122 + 152 + 152 \\
 596 &:= 8^0 + 9^0 + 13^2 + 13^2 + 16^2 = 80 + 90 + 132 + 132 + 162 \\
 596 &:= 8^2 + 8^3 + 10^0 + 15^0 + 18^1 = 82 + 83 + 100 + 150 + 181 \\
 596 &:= 8^2 + 8^3 + 11^0 + 14^0 + 18^1 = 82 + 83 + 110 + 140 + 181 \\
 596 &:= 8^2 + 8^3 + 12^0 + 13^0 + 18^1 = 82 + 83 + 120 + 130 + 181 \\
 596 &:= 8^2 + 8^3 + 9^0 + 16^0 + 18^1 = 82 + 83 + 90 + 160 + 181 \\
 596 &:= 8^2 + 9^0 + 10^0 + 13^2 + 19^2 = 82 + 90 + 100 + 132 + 192
 \end{aligned}$$

2.2.498 Number 597

$$\begin{aligned}
 597 &:= 1^4 + 15^0 + 19^1 + 24^2 = 14 + 150 + 191 + 242 \\
 597 &:= 11^2 + 13^2 + 17^2 + 18^1 = 112 + 132 + 172 + 181 \\
 597 &:= 2^2 + 13^2 + 20^2 + 24^1 = 22 + 132 + 202 + 241 \\
 597 &:= 2^2 + 6^2 + 23^2 + 28^1 = 22 + 62 + 232 + 281 \\
 597 &:= 2^4 + 4^1 + 24^2 + 29^0 = 24 + 41 + 242 + 290 \\
 597 &:= 3^0 + 3^4 + 22^2 + 31^1 = 30 + 34 + 222 + 311 \\
 597 &:= 3^3 + 13^2 + 20^2 + 23^0 = 33 + 132 + 202 + 230 \\
 597 &:= 4^2 + 5^2 + 23^2 + 27^1 = 42 + 52 + 232 + 271 \\
 597 &:= 4^3 + 8^3 + 20^1 + 27^0 = 43 + 83 + 201 + 270 \\
 597 &:= 4^4 + 16^1 + 18^2 + 21^0 = 44 + 161 + 182 + 210 \\
 597 &:= 5^2 + 8^2 + 22^2 + 24^1 = 52 + 82 + 222 + 241 \\
 597 &:= 6^3 + 7^3 + 9^0 + 37^1 = 63 + 73 + 90 + 371 \\
 597 &:= 8^2 + 15^2 + 17^2 + 19^1 = 82 + 152 + 172 + 191 \\
 597 &:= 1^0 + 1^4 + 15^0 + 18^1 + 24^2 = 10 + 14 + 150 + 181 + 242 \\
 597 &:= 1^0 + 11^2 + 13^2 + 17^1 + 17^2 = 10 + 112 + 132 + 171 + 172 \\
 597 &:= 1^0 + 2^2 + 13^2 + 20^2 + 23^1 = 10 + 22 + 132 + 202 + 231 \\
 597 &:= 1^0 + 2^2 + 6^2 + 23^2 + 27^1 = 10 + 22 + 62 + 232 + 271 \\
 597 &:= 1^0 + 4^2 + 5^2 + 23^2 + 26^1 = 10 + 42 + 52 + 232 + 261 \\
 597 &:= 1^0 + 4^3 + 8^3 + 19^1 + 27^0 = 10 + 43 + 83 + 191 + 270 \\
 597 &:= 1^0 + 4^4 + 15^1 + 18^2 + 21^0 = 10 + 44 + 151 + 182 + 210 \\
 597 &:= 1^0 + 5^2 + 8^2 + 22^2 + 23^1 = 10 + 52 + 82 + 222 + 231 \\
 597 &:= 1^0 + 8^2 + 15^2 + 17^2 + 18^1 = 10 + 82 + 152 + 172 + 181 \\
 597 &:= 1^1 + 1^3 + 15^0 + 18^1 + 24^2 = 11 + 13 + 150 + 181 + 242 \\
 597 &:= 1^1 + 2^3 + 11^1 + 21^0 + 24^2 = 11 + 23 + 111 + 210 + 242 \\
 597 &:= 1^1 + 3^2 + 15^2 + 19^2 + 21^0 = 11 + 32 + 152 + 192 + 210 \\
 597 &:= 1^1 + 6^3 + 15^0 + 18^1 + 19^2 = 11 + 63 + 150 + 181 + 192
 \end{aligned}$$

$$\begin{aligned}
 597 &:= 1^1 + 7^3 + 9^0 + 15^2 + 27^1 = 11 + 73 + 90 + 152 + 271 \\
 597 &:= 1^1 + 8^2 + 8^3 + 19^1 + 23^0 = 11 + 82 + 83 + 191 + 230 \\
 597 &:= 1^1 + 9^2 + 15^2 + 17^0 + 17^2 = 11 + 92 + 152 + 170 + 172 \\
 597 &:= 1^2 + 1^2 + 15^0 + 18^1 + 24^2 = 12 + 12 + 150 + 181 + 242 \\
 597 &:= 1^2 + 10^1 + 12^2 + 15^0 + 21^2 = 12 + 101 + 122 + 150 + 212 \\
 597 &:= 1^2 + 10^2 + 11^1 + 15^0 + 22^2 = 12 + 102 + 111 + 150 + 222 \\
 597 &:= 1^2 + 2^1 + 8^2 + 23^2 + 25^0 = 12 + 21 + 82 + 232 + 250 \\
 597 &:= 1^2 + 2^2 + 15^1 + 17^0 + 24^2 = 12 + 22 + 151 + 170 + 242 \\
 597 &:= 1^2 + 3^1 + 4^2 + 24^2 + 27^0 = 12 + 31 + 42 + 242 + 270 \\
 597 &:= 1^2 + 3^2 + 10^1 + 21^0 + 24^2 = 12 + 32 + 101 + 210 + 242 \\
 597 &:= 1^2 + 7^0 + 17^1 + 17^2 + 17^2 = 12 + 70 + 171 + 172 + 172 \\
 597 &:= 1^2 + 7^2 + 11^0 + 17^1 + 23^2 = 12 + 72 + 110 + 171 + 232 \\
 597 &:= 1^2 + 9^0 + 15^1 + 16^2 + 18^2 = 12 + 90 + 151 + 162 + 182 \\
 597 &:= 1^2 + 9^1 + 15^0 + 15^2 + 19^2 = 12 + 91 + 150 + 152 + 192 \\
 597 &:= 1^3 + 2^1 + 15^0 + 17^1 + 24^2 = 13 + 21 + 150 + 171 + 242 \\
 597 &:= 1^3 + 3^1 + 15^0 + 16^1 + 24^2 = 13 + 31 + 150 + 161 + 242 \\
 597 &:= 1^3 + 4^1 + 15^0 + 15^1 + 24^2 = 13 + 41 + 150 + 151 + 242 \\
 597 &:= 1^3 + 5^1 + 14^1 + 15^0 + 24^2 = 13 + 51 + 141 + 150 + 242 \\
 597 &:= 1^3 + 6^1 + 13^1 + 15^0 + 24^2 = 13 + 61 + 131 + 150 + 242 \\
 597 &:= 1^3 + 7^1 + 12^1 + 15^0 + 24^2 = 13 + 71 + 121 + 150 + 242 \\
 597 &:= 1^3 + 8^1 + 11^1 + 15^0 + 24^2 = 13 + 81 + 111 + 150 + 242 \\
 597 &:= 1^3 + 9^1 + 10^1 + 15^0 + 24^2 = 13 + 91 + 101 + 150 + 242 \\
 597 &:= 1^4 + 2^0 + 14^0 + 18^1 + 24^2 = 14 + 20 + 140 + 181 + 242 \\
 597 &:= 1^4 + 3^0 + 13^0 + 18^1 + 24^2 = 14 + 30 + 130 + 181 + 242 \\
 597 &:= 1^4 + 4^0 + 12^0 + 18^1 + 24^2 = 14 + 40 + 120 + 181 + 242 \\
 597 &:= 1^4 + 5^0 + 11^0 + 18^1 + 24^2 = 14 + 50 + 110 + 181 + 242
 \end{aligned}$$

$$\begin{aligned} 597 &:= 1^4 + 6^0 + 10^0 + 18^1 + 24^2 = 14 + 60 + 100 + 181 + 242 & 597 &:= 2^4 + 3^1 + 11^0 + 19^0 + 24^2 = 24 + 31 + 110 + 190 + 242 \\ 597 &:= 1^4 + 7^0 + 9^0 + 18^1 + 24^2 = 14 + 70 + 90 + 181 + 242 & 597 &:= 2^4 + 3^1 + 12^0 + 18^0 + 24^2 = 24 + 31 + 120 + 180 + 242 \\ 597 &:= 1^4 + 8^0 + 8^0 + 18^1 + 24^2 = 14 + 80 + 80 + 181 + 242 & 597 &:= 2^4 + 3^1 + 13^0 + 17^0 + 24^2 = 24 + 31 + 130 + 170 + 242 \\ 597 &:= 1^5 + 1^9 + 14^0 + 18^1 + 24^2 = 15 + 19 + 140 + 181 + 242 & 597 &:= 2^4 + 3^1 + 14^0 + 16^0 + 24^2 = 24 + 31 + 140 + 160 + 242 \\ 597 &:= 1^6 + 1^8 + 14^0 + 18^1 + 24^2 = 16 + 18 + 140 + 181 + 242 & 597 &:= 2^4 + 3^1 + 15^0 + 15^0 + 24^2 = 24 + 31 + 150 + 150 + 242 \\ 597 &:= 1^6 + 2^8 + 15^1 + 18^2 + 22^0 = 16 + 28 + 151 + 182 + 220 & 597 &:= 2^4 + 3^1 + 4^0 + 24^2 + 26^0 = 24 + 31 + 40 + 242 + 260 \\ 597 &:= 1^7 + 1^7 + 14^0 + 18^1 + 24^2 = 17 + 17 + 140 + 181 + 242 & 597 &:= 2^4 + 3^1 + 5^0 + 24^2 + 25^0 = 24 + 31 + 50 + 242 + 250 \\ 597 &:= 1^7 + 2^7 + 8^0 + 21^2 + 26^1 = 17 + 27 + 80 + 212 + 261 & 597 &:= 2^4 + 3^1 + 6^0 + 24^0 + 24^2 = 24 + 31 + 60 + 240 + 242 \\ 597 &:= 1^9 + 3^4 + 15^2 + 17^2 + 22^0 = 19 + 34 + 152 + 172 + 220 & 597 &:= 2^4 + 3^1 + 7^0 + 23^0 + 24^2 = 24 + 31 + 70 + 230 + 242 \\ 597 &:= 2^0 + 4^3 + 8^3 + 19^1 + 26^0 = 20 + 43 + 83 + 191 + 260 & 597 &:= 2^4 + 3^1 + 8^0 + 22^0 + 24^2 = 24 + 31 + 80 + 220 + 242 \\ 597 &:= 2^0 + 4^4 + 15^1 + 18^2 + 20^0 = 20 + 44 + 151 + 182 + 200 & 597 &:= 2^4 + 3^1 + 9^0 + 21^0 + 24^2 = 24 + 31 + 90 + 210 + 242 \\ 597 &:= 2^1 + 12^2 + 15^0 + 15^2 + 15^2 = 21 + 122 + 150 + 152 + 152 & 597 &:= 2^5 + 2^9 + 5^2 + 22^0 + 27^1 = 25 + 29 + 52 + 220 + 271 \\ 597 &:= 2^1 + 13^2 + 13^2 + 15^0 + 16^2 = 21 + 132 + 132 + 150 + 162 & 597 &:= 2^6 + 2^8 + 16^2 + 18^0 + 20^1 = 26 + 28 + 162 + 180 + 201 \\ 597 &:= 2^1 + 2^3 + 10^1 + 21^0 + 24^2 = 21 + 23 + 101 + 210 + 242 & 597 &:= 2^7 + 2^7 + 16^1 + 18^2 + 20^0 = 27 + 27 + 161 + 182 + 200 \\ 597 &:= 2^1 + 3^2 + 12^2 + 21^0 + 21^2 = 21 + 32 + 122 + 210 + 212 & 597 &:= 3^0 + 10^2 + 15^1 + 15^2 + 16^2 = 30 + 102 + 151 + 152 + 162 \\ 597 &:= 2^1 + 3^2 + 3^2 + 24^2 + 27^0 = 21 + 32 + 32 + 242 + 270 & 597 &:= 3^0 + 3^1 + 5^3 + 21^2 + 27^1 = 30 + 31 + 53 + 212 + 271 \\ 597 &:= 2^1 + 4^2 + 17^2 + 17^2 + 19^0 = 21 + 42 + 172 + 172 + 190 & 597 &:= 3^0 + 3^2 + 9^2 + 22^1 + 22^2 = 30 + 32 + 92 + 221 + 222 \\ 597 &:= 2^1 + 4^2 + 7^2 + 23^0 + 23^2 = 21 + 42 + 72 + 230 + 232 & 597 &:= 3^0 + 4^1 + 5^3 + 21^2 + 26^1 = 30 + 41 + 53 + 212 + 261 \\ 597 &:= 2^1 + 5^2 + 13^2 + 19^0 + 20^2 = 21 + 52 + 132 + 190 + 202 & 597 &:= 3^0 + 4^3 + 8^3 + 19^1 + 25^0 = 30 + 43 + 83 + 191 + 250 \\ 597 &:= 2^1 + 6^3 + 15^0 + 17^1 + 19^2 = 21 + 63 + 150 + 171 + 192 & 597 &:= 3^0 + 4^4 + 15^1 + 18^2 + 19^0 = 30 + 44 + 151 + 182 + 190 \\ 597 &:= 2^1 + 7^2 + 16^2 + 17^0 + 17^2 = 21 + 72 + 162 + 170 + 172 & 597 &:= 3^0 + 5^1 + 5^3 + 21^2 + 25^1 = 30 + 51 + 53 + 212 + 251 \\ 597 &:= 2^1 + 7^3 + 9^0 + 15^2 + 26^1 = 21 + 73 + 90 + 152 + 261 & 597 &:= 3^0 + 5^3 + 10^1 + 20^1 + 21^2 = 30 + 53 + 101 + 201 + 212 \\ 597 &:= 2^1 + 8^2 + 13^2 + 17^0 + 19^2 = 21 + 82 + 132 + 170 + 192 & 597 &:= 3^0 + 5^3 + 11^1 + 19^1 + 21^2 = 30 + 53 + 111 + 191 + 212 \\ 597 &:= 2^1 + 8^2 + 8^3 + 18^1 + 23^0 = 21 + 82 + 83 + 181 + 230 & 597 &:= 3^0 + 5^3 + 12^1 + 18^1 + 21^2 = 30 + 53 + 121 + 181 + 212 \\ 597 &:= 2^2 + 11^0 + 12^1 + 16^2 + 18^2 = 22 + 110 + 121 + 162 + 182 & 597 &:= 3^0 + 5^3 + 13^1 + 17^1 + 21^2 = 30 + 53 + 131 + 171 + 212 \\ 597 &:= 2^2 + 2^2 + 12^1 + 19^0 + 24^2 = 22 + 22 + 121 + 190 + 242 & 597 &:= 3^0 + 5^3 + 14^1 + 16^1 + 21^2 = 30 + 53 + 141 + 161 + 212 \\ 597 &:= 2^2 + 3^2 + 7^1 + 23^0 + 24^2 = 22 + 32 + 71 + 230 + 242 & 597 &:= 3^0 + 5^3 + 15^1 + 15^1 + 21^2 = 30 + 53 + 151 + 151 + 212 \\ 597 &:= 2^2 + 6^1 + 15^2 + 17^0 + 19^2 = 22 + 61 + 152 + 170 + 192 & 597 &:= 3^0 + 5^3 + 6^1 + 21^2 + 24^1 = 30 + 53 + 61 + 212 + 241 \\ 597 &:= 2^2 + 7^1 + 12^2 + 17^0 + 21^2 = 22 + 71 + 122 + 170 + 212 & 597 &:= 3^0 + 5^3 + 7^1 + 21^2 + 23^1 = 30 + 53 + 71 + 212 + 231 \\ 597 &:= 2^2 + 7^2 + 13^0 + 14^1 + 23^2 = 22 + 72 + 130 + 141 + 232 & 597 &:= 3^0 + 5^3 + 8^1 + 21^2 + 22^1 = 30 + 53 + 81 + 212 + 221 \\ 597 &:= 2^2 + 8^1 + 10^2 + 17^0 + 22^2 = 22 + 81 + 102 + 170 + 222 & 597 &:= 3^0 + 5^3 + 9^1 + 21^1 + 21^2 = 30 + 53 + 91 + 211 + 212 \\ 597 &:= 2^2 + 9^0 + 14^1 + 17^2 + 17^2 = 22 + 90 + 141 + 172 + 172 & 597 &:= 3^0 + 6^2 + 10^2 + 19^1 + 21^2 = 30 + 62 + 102 + 191 + 212 \\ 597 &:= 2^3 + 3^1 + 9^1 + 21^0 + 24^2 = 23 + 31 + 91 + 210 + 242 & 597 &:= 3^0 + 7^2 + 13^2 + 17^1 + 19^2 = 30 + 72 + 132 + 171 + 192 \\ 597 &:= 2^3 + 4^1 + 8^1 + 21^0 + 24^2 = 23 + 41 + 81 + 210 + 242 & 597 &:= 3^1 + 10^2 + 13^2 + 15^0 + 18^2 = 31 + 102 + 132 + 150 + 182 \\ 597 &:= 2^3 + 5^1 + 7^1 + 21^0 + 24^2 = 23 + 51 + 71 + 210 + 242 & 597 &:= 3^1 + 3^2 + 10^2 + 21^0 + 22^2 = 31 + 32 + 102 + 210 + 222 \\ 597 &:= 2^3 + 6^1 + 6^1 + 21^0 + 24^2 = 23 + 61 + 61 + 210 + 242 & 597 &:= 3^1 + 6^2 + 14^2 + 17^0 + 19^2 = 31 + 62 + 142 + 170 + 192 \\ 597 &:= 2^4 + 3^0 + 3^1 + 24^2 + 27^0 = 24 + 30 + 31 + 242 + 270 & 597 &:= 3^1 + 6^3 + 15^0 + 16^1 + 19^2 = 31 + 63 + 150 + 161 + 192 \\ 597 &:= 2^4 + 3^1 + 10^0 + 20^0 + 24^2 = 24 + 31 + 100 + 200 + 242 & 597 &:= 3^1 + 7^2 + 12^2 + 17^0 + 20^2 = 31 + 72 + 122 + 170 + 202 \end{aligned}$$

$$\begin{aligned} 597 &:= 3^1 + 7^3 + 9^0 + 15^2 + 25^1 = 31 + 73 + 90 + 152 + 251 & 597 &:= 5^1 + 6^3 + 14^1 + 15^0 + 19^2 = 51 + 63 + 141 + 150 + 192 \\ 597 &:= 3^1 + 8^2 + 8^3 + 17^1 + 23^0 = 31 + 82 + 83 + 171 + 230 & 597 &:= 5^1 + 7^3 + 9^0 + 15^2 + 23^1 = 51 + 73 + 90 + 152 + 231 \\ 597 &:= 3^1 + 9^2 + 15^0 + 16^2 + 16^2 = 31 + 92 + 150 + 162 + 162 & 597 &:= 5^1 + 8^2 + 8^3 + 15^1 + 23^0 = 51 + 82 + 83 + 151 + 230 \\ 597 &:= 3^2 + 5^0 + 13^2 + 18^1 + 20^2 = 32 + 50 + 132 + 181 + 202 & 597 &:= 5^2 + 5^2 + 9^0 + 17^1 + 23^2 = 52 + 52 + 90 + 171 + 232 \\ 597 &:= 3^2 + 5^0 + 6^2 + 22^1 + 23^2 = 32 + 50 + 62 + 221 + 232 & 597 &:= 5^2 + 6^1 + 6^2 + 19^0 + 23^2 = 52 + 61 + 62 + 190 + 232 \\ 597 &:= 3^2 + 7^1 + 15^0 + 16^2 + 18^2 = 32 + 71 + 150 + 162 + 182 & 597 &:= 5^2 + 6^1 + 9^2 + 17^0 + 22^2 = 52 + 61 + 92 + 170 + 222 \\ 597 &:= 3^2 + 7^2 + 9^1 + 17^0 + 23^2 = 32 + 72 + 91 + 170 + 232 & 597 &:= 5^2 + 7^0 + 14^1 + 14^2 + 19^2 = 52 + 70 + 141 + 142 + 192 \\ 597 &:= 3^2 + 9^1 + 13^0 + 17^2 + 17^2 = 32 + 91 + 130 + 172 + 172 & 597 &:= 5^2 + 9^1 + 11^2 + 13^0 + 21^2 = 52 + 91 + 112 + 130 + 212 \\ 597 &:= 4^0 + 4^3 + 8^3 + 19^1 + 24^0 = 40 + 43 + 83 + 191 + 240 & 597 &:= 6^1 + 11^0 + 13^2 + 14^2 + 15^2 = 61 + 110 + 132 + 142 + 152 \\ 597 &:= 4^0 + 4^4 + 15^1 + 18^0 + 18^2 = 40 + 44 + 151 + 180 + 182 & 597 &:= 6^1 + 6^3 + 13^1 + 15^0 + 19^2 = 61 + 63 + 131 + 150 + 192 \\ 597 &:= 4^1 + 6^3 + 15^0 + 15^1 + 19^2 = 41 + 63 + 150 + 151 + 192 & 597 &:= 6^1 + 7^2 + 10^2 + 15^0 + 21^2 = 61 + 72 + 102 + 150 + 212 \\ 597 &:= 4^1 + 7^3 + 9^0 + 15^2 + 24^1 = 41 + 73 + 90 + 152 + 241 & 597 &:= 6^1 + 7^3 + 9^0 + 15^2 + 22^1 = 61 + 73 + 90 + 152 + 221 \\ 597 &:= 4^1 + 8^2 + 8^3 + 16^1 + 23^0 = 41 + 82 + 83 + 161 + 230 & 597 &:= 6^1 + 8^2 + 8^3 + 14^1 + 23^0 = 61 + 82 + 83 + 141 + 230 \\ 597 &:= 4^2 + 11^0 + 11^1 + 13^2 + 20^2 = 42 + 110 + 111 + 132 + 202 & 597 &:= 6^2 + 8^2 + 11^0 + 12^1 + 22^2 = 62 + 82 + 110 + 121 + 222 \\ 597 &:= 4^2 + 5^0 + 11^2 + 18^1 + 21^2 = 42 + 50 + 112 + 181 + 212 & 597 &:= 6^2 + 9^0 + 11^1 + 15^2 + 18^2 = 62 + 90 + 111 + 152 + 182 \\ 597 &:= 4^2 + 6^2 + 11^0 + 15^1 + 23^2 = 42 + 62 + 110 + 151 + 232 & 597 &:= 6^3 + 7^1 + 12^1 + 15^0 + 19^2 = 63 + 71 + 121 + 150 + 192 \\ 597 &:= 4^2 + 9^0 + 9^2 + 15^1 + 22^2 = 42 + 90 + 92 + 151 + 222 & 597 &:= 6^3 + 8^1 + 11^1 + 15^0 + 19^2 = 63 + 81 + 111 + 150 + 192 \\ 597 &:= 4^3 + 5^0 + 8^3 + 19^1 + 23^0 = 43 + 50 + 83 + 191 + 230 & 597 &:= 6^3 + 9^1 + 10^1 + 15^0 + 19^2 = 63 + 91 + 101 + 150 + 192 \\ 597 &:= 4^3 + 6^0 + 8^3 + 19^1 + 22^0 = 43 + 60 + 83 + 191 + 220 & 597 &:= 7^0 + 10^2 + 11^1 + 14^2 + 17^2 = 70 + 102 + 111 + 142 + 172 \\ 597 &:= 4^3 + 7^0 + 8^3 + 19^1 + 21^0 = 43 + 70 + 83 + 191 + 210 & 597 &:= 7^0 + 8^2 + 12^1 + 14^2 + 18^2 = 70 + 82 + 121 + 142 + 182 \\ 597 &:= 4^3 + 8^0 + 8^3 + 19^1 + 20^0 = 43 + 80 + 83 + 191 + 200 & 597 &:= 7^1 + 11^0 + 11^2 + 12^2 + 18^2 = 71 + 110 + 112 + 122 + 182 \\ 597 &:= 4^3 + 8^3 + 10^0 + 18^0 + 19^1 = 43 + 83 + 100 + 180 + 191 & 597 &:= 7^1 + 7^3 + 9^0 + 15^2 + 21^1 = 71 + 73 + 90 + 152 + 211 \\ 597 &:= 4^3 + 8^3 + 11^0 + 17^0 + 19^1 = 43 + 83 + 110 + 170 + 191 & 597 &:= 7^1 + 8^2 + 8^3 + 13^1 + 23^0 = 71 + 82 + 83 + 131 + 230 \\ 597 &:= 4^3 + 8^3 + 12^0 + 16^0 + 19^1 = 43 + 83 + 120 + 160 + 191 & 597 &:= 7^2 + 7^2 + 9^0 + 14^1 + 22^2 = 72 + 72 + 90 + 141 + 222 \\ 597 &:= 4^3 + 8^3 + 13^0 + 15^0 + 19^1 = 43 + 83 + 130 + 150 + 191 & 597 &:= 7^2 + 8^1 + 8^3 + 9^0 + 27^1 = 72 + 81 + 83 + 90 + 271 \\ 597 &:= 4^3 + 8^3 + 14^0 + 14^0 + 19^1 = 43 + 83 + 140 + 140 + 191 & 597 &:= 7^2 + 8^3 + 9^0 + 10^1 + 25^1 = 72 + 83 + 90 + 101 + 251 \\ 597 &:= 4^3 + 8^3 + 9^0 + 19^0 + 19^1 = 43 + 83 + 90 + 190 + 191 & 597 &:= 7^2 + 8^3 + 9^0 + 11^1 + 24^1 = 72 + 83 + 90 + 111 + 241 \\ 597 &:= 4^4 + 10^0 + 12^0 + 15^1 + 18^2 = 44 + 100 + 120 + 151 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 12^1 + 23^1 = 72 + 83 + 90 + 121 + 231 \\ 597 &:= 4^4 + 11^0 + 11^0 + 15^1 + 18^2 = 44 + 110 + 110 + 151 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 13^1 + 22^1 = 72 + 83 + 90 + 131 + 221 \\ 597 &:= 4^4 + 5^0 + 15^1 + 17^0 + 18^2 = 44 + 50 + 151 + 170 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 14^1 + 21^1 = 72 + 83 + 90 + 141 + 211 \\ 597 &:= 4^4 + 6^0 + 15^1 + 16^0 + 18^2 = 44 + 60 + 151 + 160 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 15^1 + 20^1 = 72 + 83 + 90 + 151 + 201 \\ 597 &:= 4^4 + 7^0 + 15^0 + 15^1 + 18^2 = 44 + 70 + 150 + 151 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 16^1 + 19^1 = 72 + 83 + 90 + 161 + 191 \\ 597 &:= 4^4 + 8^0 + 14^0 + 15^1 + 18^2 = 44 + 80 + 140 + 151 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 17^1 + 18^1 = 72 + 83 + 90 + 171 + 181 \\ 597 &:= 4^4 + 9^0 + 13^0 + 15^1 + 18^2 = 44 + 90 + 130 + 151 + 182 & 597 &:= 7^2 + 8^3 + 9^0 + 9^1 + 26^1 = 72 + 83 + 90 + 91 + 261 \\ 597 &:= 5^0 + 10^2 + 11^2 + 14^1 + 19^2 = 50 + 102 + 112 + 141 + 192 & 597 &:= 7^3 + 8^1 + 9^0 + 15^2 + 20^1 = 73 + 81 + 90 + 152 + 201 \\ 597 &:= 5^0 + 6^2 + 12^2 + 16^1 + 20^2 = 50 + 62 + 122 + 161 + 202 & 597 &:= 7^3 + 9^0 + 10^1 + 15^2 + 18^1 = 73 + 90 + 101 + 152 + 181 \\ 597 &:= 5^0 + 6^2 + 15^1 + 16^2 + 17^2 = 50 + 62 + 151 + 162 + 172 & 597 &:= 7^3 + 9^0 + 11^1 + 15^2 + 17^1 = 73 + 90 + 111 + 152 + 171 \\ 597 &:= 5^0 + 9^2 + 10^2 + 15^1 + 20^2 = 50 + 92 + 102 + 151 + 202 & 597 &:= 7^3 + 9^0 + 12^1 + 15^2 + 16^1 = 73 + 90 + 121 + 152 + 161 \end{aligned}$$

$$\begin{aligned}
 597 &:= 7^3 + 9^0 + 13^1 + 15^1 + 15^2 = 73 + 90 + 131 + 151 + 152 \\
 597 &:= 7^3 + 9^0 + 14^1 + 14^1 + 15^2 = 73 + 90 + 141 + 141 + 152 \\
 597 &:= 7^3 + 9^0 + 9^1 + 15^2 + 19^1 = 73 + 90 + 91 + 152 + 191 \\
 597 &:= 8^1 + 8^2 + 8^3 + 12^1 + 23^0 = 81 + 82 + 83 + 121 + 230 \\
 597 &:= 8^1 + 9^0 + 14^2 + 14^2 + 14^2 = 81 + 90 + 142 + 142 + 142 \\
 597 &:= 8^2 + 8^3 + 10^1 + 10^1 + 23^0 = 82 + 83 + 101 + 101 + 230
 \end{aligned}$$

$$\begin{aligned}
 597 &:= 8^2 + 8^3 + 9^1 + 11^1 + 23^0 = 82 + 83 + 91 + 111 + 230 \\
 597 &:= 8^2 + 9^0 + 11^1 + 11^2 + 20^2 = 82 + 90 + 111 + 112 + 202 \\
 597 &:= 8^2 + 9^2 + 10^1 + 11^0 + 21^2 = 82 + 92 + 101 + 110 + 212 \\
 597 &:= 9^0 + 9^2 + 10^1 + 12^2 + 19^2 = 90 + 92 + 101 + 122 + 192
 \end{aligned}$$

2.2.499 Number 598

$$\begin{aligned}
 598 &:= 1^3 + 2^5 + 2^9 + 53^1 = 13 + 25 + 29 + 531 \\
 598 &:= 1^4 + 14^2 + 20^2 + 24^0 = 14 + 142 + 202 + 240 \\
 598 &:= 1^5 + 14^0 + 20^1 + 24^2 = 15 + 140 + 201 + 242 \\
 598 &:= 1^6 + 2^9 + 6^2 + 49^1 = 16 + 29 + 62 + 491 \\
 598 &:= 3^4 + 4^1 + 8^3 + 44^0 = 34 + 41 + 83 + 440 \\
 598 &:= 3^5 + 8^0 + 18^2 + 30^1 = 35 + 80 + 182 + 301 \\
 598 &:= 5^3 + 6^3 + 16^2 + 32^0 = 53 + 63 + 162 + 320 \\
 598 &:= 1^0 + 1^5 + 14^0 + 19^1 + 24^2 = 10 + 15 + 140 + 191 + 242 \\
 598 &:= 1^0 + 2^4 + 16^2 + 18^2 + 22^0 = 10 + 24 + 162 + 182 + 220 \\
 598 &:= 1^1 + 1^4 + 14^0 + 19^1 + 24^2 = 11 + 14 + 140 + 191 + 242 \\
 598 &:= 1^1 + 3^3 + 13^2 + 20^2 + 22^0 = 11 + 33 + 132 + 202 + 220 \\
 598 &:= 1^1 + 4^3 + 8^3 + 20^1 + 26^0 = 11 + 43 + 83 + 201 + 260 \\
 598 &:= 1^1 + 4^4 + 16^1 + 18^2 + 20^0 = 11 + 44 + 161 + 182 + 200 \\
 598 &:= 1^2 + 1^3 + 14^0 + 19^1 + 24^2 = 12 + 13 + 140 + 191 + 242 \\
 598 &:= 1^2 + 12^2 + 14^2 + 16^0 + 16^2 = 12 + 122 + 142 + 160 + 162 \\
 598 &:= 1^2 + 2^3 + 12^1 + 20^0 + 24^2 = 12 + 23 + 121 + 200 + 242 \\
 598 &:= 1^2 + 2^5 + 2^9 + 26^1 + 27^1 = 12 + 25 + 29 + 261 + 271 \\
 598 &:= 1^2 + 4^2 + 16^2 + 18^2 + 20^0 = 12 + 42 + 162 + 182 + 200 \\
 598 &:= 1^2 + 6^3 + 14^0 + 19^1 + 19^2 = 12 + 63 + 140 + 191 + 192 \\
 598 &:= 1^2 + 8^2 + 8^3 + 20^1 + 22^0 = 12 + 82 + 83 + 201 + 220 \\
 598 &:= 1^3 + 10^1 + 14^0 + 15^2 + 19^2 = 13 + 101 + 140 + 152 + 192 \\
 598 &:= 1^3 + 10^2 + 12^1 + 14^0 + 22^2 = 13 + 102 + 121 + 140 + 222 \\
 598 &:= 1^3 + 11^1 + 12^2 + 14^0 + 21^2 = 13 + 111 + 122 + 140 + 212 \\
 598 &:= 1^3 + 2^2 + 16^0 + 16^1 + 24^2 = 13 + 22 + 160 + 161 + 242 \\
 598 &:= 1^3 + 3^1 + 8^2 + 23^2 + 24^0 = 13 + 31 + 82 + 232 + 240 \\
 598 &:= 1^3 + 3^2 + 11^1 + 20^0 + 24^2 = 13 + 32 + 111 + 200 + 242 \\
 598 &:= 1^3 + 4^1 + 4^2 + 24^2 + 26^0 = 13 + 41 + 42 + 242 + 260 \\
 598 &:= 1^3 + 6^0 + 17^2 + 17^2 + 18^1 = 13 + 60 + 172 + 172 + 181 \\
 598 &:= 1^3 + 7^2 + 10^0 + 18^1 + 23^2 = 13 + 72 + 100 + 181 + 232 \\
 598 &:= 1^3 + 8^0 + 16^1 + 16^2 + 18^2 = 13 + 80 + 161 + 162 + 182
 \end{aligned}$$

$$\begin{aligned}
 598 &:= 1^4 + 10^1 + 10^1 + 14^0 + 24^2 = 14 + 101 + 101 + 140 + 242 \\
 598 &:= 1^4 + 2^1 + 14^0 + 18^1 + 24^2 = 14 + 21 + 140 + 181 + 242 \\
 598 &:= 1^4 + 3^1 + 14^0 + 17^1 + 24^2 = 14 + 31 + 140 + 171 + 242 \\
 598 &:= 1^4 + 4^1 + 14^0 + 16^1 + 24^2 = 14 + 41 + 140 + 161 + 242 \\
 598 &:= 1^4 + 5^1 + 14^0 + 15^1 + 24^2 = 14 + 51 + 140 + 151 + 242 \\
 598 &:= 1^4 + 6^1 + 14^0 + 14^1 + 24^2 = 14 + 61 + 140 + 141 + 242 \\
 598 &:= 1^4 + 7^1 + 13^1 + 14^0 + 24^2 = 14 + 71 + 131 + 140 + 242 \\
 598 &:= 1^4 + 8^1 + 12^1 + 14^0 + 24^2 = 14 + 81 + 121 + 140 + 242 \\
 598 &:= 1^4 + 9^1 + 11^1 + 14^0 + 24^2 = 14 + 91 + 111 + 140 + 242 \\
 598 &:= 1^5 + 2^0 + 13^0 + 19^1 + 24^2 = 15 + 20 + 130 + 191 + 242 \\
 598 &:= 1^5 + 2^9 + 6^2 + 22^1 + 27^1 = 15 + 29 + 62 + 221 + 271 \\
 598 &:= 1^5 + 2^9 + 6^2 + 23^1 + 26^1 = 15 + 29 + 62 + 231 + 261 \\
 598 &:= 1^5 + 2^9 + 6^2 + 24^1 + 25^1 = 15 + 29 + 62 + 241 + 251 \\
 598 &:= 1^5 + 3^0 + 12^0 + 19^1 + 24^2 = 15 + 30 + 120 + 191 + 242 \\
 598 &:= 1^5 + 4^0 + 11^0 + 19^1 + 24^2 = 15 + 40 + 110 + 191 + 242 \\
 598 &:= 1^5 + 5^0 + 10^0 + 19^1 + 24^2 = 15 + 50 + 100 + 191 + 242 \\
 598 &:= 1^5 + 6^0 + 9^0 + 19^1 + 24^2 = 15 + 60 + 90 + 191 + 242 \\
 598 &:= 1^5 + 7^0 + 8^0 + 19^1 + 24^2 = 15 + 70 + 80 + 191 + 242 \\
 598 &:= 1^6 + 1^9 + 13^0 + 19^1 + 24^2 = 16 + 19 + 130 + 191 + 242 \\
 598 &:= 1^6 + 2^7 + 9^2 + 19^2 + 27^1 = 16 + 27 + 92 + 192 + 271 \\
 598 &:= 1^6 + 2^9 + 8^2 + 20^1 + 27^0 = 16 + 29 + 82 + 201 + 270 \\
 598 &:= 1^7 + 1^8 + 13^0 + 19^1 + 24^2 = 17 + 18 + 130 + 191 + 242 \\
 598 &:= 1^7 + 2^7 + 12^2 + 18^2 + 25^0 = 17 + 27 + 122 + 182 + 250 \\
 598 &:= 1^7 + 2^8 + 16^1 + 18^2 + 21^0 = 17 + 28 + 161 + 182 + 210 \\
 598 &:= 1^8 + 2^5 + 10^2 + 21^2 + 24^1 = 18 + 25 + 102 + 212 + 241 \\
 598 &:= 1^8 + 2^6 + 8^3 + 20^1 + 27^0 = 18 + 26 + 83 + 201 + 270 \\
 598 &:= 1^8 + 2^7 + 7^0 + 21^2 + 27^1 = 18 + 27 + 70 + 212 + 271 \\
 598 &:= 1^9 + 2^4 + 5^2 + 23^2 + 27^1 = 19 + 24 + 52 + 232 + 271 \\
 598 &:= 1^9 + 3^4 + 13^2 + 18^2 + 23^1 = 19 + 34 + 132 + 182 + 231 \\
 598 &:= 1^9 + 3^4 + 7^2 + 21^2 + 26^1 = 19 + 34 + 72 + 212 + 261
 \end{aligned}$$

$$\begin{aligned}
 598 &:= 2^0 + 2^3 + 9^2 + 22^2 + 24^1 = 20 + 23 + 92 + 222 + 241 & 598 &:= 2^2 + 6^3 + 16^0 + 16^1 + 19^2 = 22 + 63 + 160 + 161 + 192 \\
 598 &:= 2^0 + 2^4 + 16^2 + 18^2 + 21^0 = 20 + 24 + 162 + 182 + 210 & 598 &:= 2^2 + 7^2 + 12^2 + 18^0 + 20^2 = 22 + 72 + 122 + 180 + 202 \\
 598 &:= 2^0 + 3^3 + 15^2 + 18^2 + 21^1 = 20 + 33 + 152 + 182 + 211 & 598 &:= 2^2 + 7^3 + 10^0 + 15^2 + 25^1 = 22 + 73 + 100 + 152 + 251 \\
 598 &:= 2^0 + 3^4 + 10^1 + 22^1 + 22^2 = 20 + 34 + 101 + 221 + 222 & 598 &:= 2^2 + 8^2 + 8^3 + 17^1 + 24^0 = 22 + 82 + 83 + 171 + 240 \\
 598 &:= 2^0 + 3^4 + 11^1 + 21^1 + 22^2 = 20 + 34 + 111 + 211 + 222 & 598 &:= 2^2 + 9^2 + 16^0 + 16^2 + 16^2 = 22 + 92 + 160 + 162 + 162 \\
 598 &:= 2^0 + 3^4 + 12^1 + 20^1 + 22^2 = 20 + 34 + 121 + 201 + 222 & 598 &:= 2^3 + 11^1 + 12^0 + 17^2 + 17^2 = 23 + 111 + 120 + 172 + 172 \\
 598 &:= 2^0 + 3^4 + 13^1 + 19^1 + 22^2 = 20 + 34 + 131 + 191 + 222 & 598 &:= 2^3 + 3^1 + 15^2 + 19^2 + 20^0 = 23 + 31 + 152 + 192 + 200 \\
 598 &:= 2^0 + 3^4 + 14^1 + 18^1 + 22^2 = 20 + 34 + 141 + 181 + 222 & 598 &:= 2^3 + 3^2 + 4^1 + 24^2 + 26^0 = 23 + 32 + 41 + 242 + 260 \\
 598 &:= 2^0 + 3^4 + 15^1 + 17^1 + 22^2 = 20 + 34 + 151 + 171 + 222 & 598 &:= 2^3 + 4^0 + 13^2 + 20^1 + 20^2 = 23 + 40 + 132 + 201 + 202 \\
 598 &:= 2^0 + 3^4 + 16^1 + 16^1 + 22^2 = 20 + 34 + 161 + 161 + 222 & 598 &:= 2^3 + 4^0 + 6^2 + 23^2 + 24^1 = 23 + 40 + 62 + 232 + 241 \\
 598 &:= 2^0 + 3^4 + 5^1 + 22^2 + 27^1 = 20 + 34 + 51 + 222 + 271 & 598 &:= 2^3 + 4^1 + 12^2 + 20^0 + 21^2 = 23 + 41 + 122 + 200 + 212 \\
 598 &:= 2^0 + 3^4 + 6^1 + 22^2 + 26^1 = 20 + 34 + 61 + 222 + 261 & 598 &:= 2^3 + 5^1 + 10^2 + 20^0 + 22^2 = 23 + 51 + 102 + 200 + 222 \\
 598 &:= 2^0 + 3^4 + 7^1 + 22^2 + 25^1 = 20 + 34 + 71 + 222 + 251 & 598 &:= 2^3 + 7^2 + 11^1 + 16^0 + 23^2 = 23 + 72 + 111 + 160 + 232 \\
 598 &:= 2^0 + 3^4 + 8^1 + 22^2 + 24^1 = 20 + 34 + 81 + 222 + 241 & 598 &:= 2^3 + 9^1 + 14^0 + 16^2 + 18^2 = 23 + 91 + 140 + 162 + 182 \\
 598 &:= 2^0 + 3^4 + 9^1 + 22^2 + 23^1 = 20 + 34 + 91 + 222 + 231 & 598 &:= 2^4 + 10^0 + 13^0 + 16^2 + 18^2 = 24 + 100 + 130 + 162 + 182 \\
 598 &:= 2^0 + 4^3 + 16^2 + 16^2 + 21^1 = 20 + 43 + 162 + 162 + 211 & 598 &:= 2^4 + 11^0 + 12^0 + 16^2 + 18^2 = 24 + 110 + 120 + 162 + 182 \\
 598 &:= 2^0 + 4^4 + 12^2 + 14^2 + 27^0 = 20 + 44 + 122 + 142 + 270 & 598 &:= 2^4 + 3^0 + 16^2 + 18^2 + 20^0 = 24 + 30 + 162 + 182 + 200 \\
 598 &:= 2^0 + 5^3 + 15^2 + 15^2 + 22^1 = 20 + 53 + 152 + 152 + 221 & 598 &:= 2^4 + 4^0 + 16^2 + 18^2 + 19^0 = 24 + 40 + 162 + 182 + 190 \\
 598 &:= 2^0 + 6^3 + 10^2 + 16^2 + 25^1 = 20 + 63 + 102 + 162 + 251 & 598 &:= 2^4 + 5^0 + 16^2 + 18^0 + 18^2 = 24 + 50 + 162 + 180 + 182 \\
 598 &:= 2^1 + 4^3 + 8^3 + 19^1 + 26^0 = 21 + 43 + 83 + 191 + 260 & 598 &:= 2^4 + 6^0 + 16^2 + 17^0 + 18^2 = 24 + 60 + 162 + 170 + 182 \\
 598 &:= 2^1 + 4^4 + 15^1 + 18^2 + 20^0 = 21 + 44 + 151 + 182 + 200 & 598 &:= 2^4 + 7^0 + 16^0 + 16^2 + 18^2 = 24 + 70 + 160 + 162 + 182 \\
 598 &:= 2^2 + 10^2 + 13^2 + 16^0 + 18^2 = 22 + 102 + 132 + 160 + 182 & 598 &:= 2^4 + 8^0 + 15^0 + 16^2 + 18^2 = 24 + 80 + 150 + 162 + 182 \\
 598 &:= 2^2 + 2^3 + 9^1 + 22^0 + 24^2 = 22 + 23 + 91 + 220 + 242 & 598 &:= 2^4 + 9^0 + 14^0 + 16^2 + 18^2 = 24 + 90 + 140 + 162 + 182 \\
 598 &:= 2^2 + 2^4 + 10^0 + 21^0 + 24^2 = 22 + 24 + 100 + 210 + 242 & 598 &:= 2^5 + 2^9 + 3^3 + 25^0 + 26^1 = 25 + 29 + 33 + 250 + 261 \\
 598 &:= 2^2 + 2^4 + 11^0 + 20^0 + 24^2 = 22 + 24 + 110 + 200 + 242 & 598 &:= 2^7 + 2^8 + 14^2 + 17^1 + 23^0 = 27 + 28 + 142 + 171 + 230 \\
 598 &:= 2^2 + 2^4 + 12^0 + 19^0 + 24^2 = 22 + 24 + 120 + 190 + 242 & 598 &:= 3^0 + 4^4 + 12^2 + 14^2 + 26^0 = 30 + 44 + 122 + 142 + 260 \\
 598 &:= 2^2 + 2^4 + 13^0 + 18^0 + 24^2 = 22 + 24 + 130 + 180 + 242 & 598 &:= 3^1 + 3^4 + 8^3 + 18^0 + 27^0 = 31 + 34 + 83 + 180 + 270 \\
 598 &:= 2^2 + 2^4 + 14^0 + 17^0 + 24^2 = 22 + 24 + 140 + 170 + 242 & 598 &:= 3^1 + 3^4 + 8^3 + 19^0 + 26^0 = 31 + 34 + 83 + 190 + 260 \\
 598 &:= 2^2 + 2^4 + 15^0 + 16^0 + 24^2 = 22 + 24 + 150 + 160 + 242 & 598 &:= 3^1 + 3^4 + 8^3 + 20^0 + 25^0 = 31 + 34 + 83 + 200 + 250 \\
 598 &:= 2^2 + 2^4 + 4^0 + 24^2 + 27^0 = 22 + 24 + 40 + 242 + 270 & 598 &:= 3^1 + 3^4 + 8^3 + 21^0 + 24^0 = 31 + 34 + 83 + 210 + 240 \\
 598 &:= 2^2 + 2^4 + 5^0 + 24^2 + 26^0 = 22 + 24 + 50 + 242 + 260 & 598 &:= 3^1 + 3^4 + 8^3 + 22^0 + 23^0 = 31 + 34 + 83 + 220 + 230 \\
 598 &:= 2^2 + 2^4 + 6^0 + 24^2 + 25^0 = 22 + 24 + 60 + 242 + 250 & 598 &:= 3^1 + 4^3 + 13^2 + 19^2 + 20^0 = 31 + 43 + 132 + 192 + 200 \\
 598 &:= 2^2 + 2^4 + 7^0 + 24^0 + 24^2 = 22 + 24 + 70 + 240 + 242 & 598 &:= 3^1 + 4^3 + 8^3 + 18^1 + 26^0 = 31 + 43 + 83 + 181 + 260 \\
 598 &:= 2^2 + 2^4 + 8^0 + 23^0 + 24^2 = 22 + 24 + 80 + 230 + 242 & 598 &:= 3^1 + 4^4 + 14^1 + 18^2 + 20^0 = 31 + 44 + 141 + 182 + 200 \\
 598 &:= 2^2 + 2^4 + 9^0 + 22^0 + 24^2 = 22 + 24 + 90 + 220 + 242 & 598 &:= 3^2 + 14^0 + 14^2 + 14^2 + 14^2 = 32 + 140 + 142 + 142 + 142 \\
 598 &:= 2^2 + 3^2 + 10^2 + 22^0 + 22^2 = 22 + 32 + 102 + 220 + 222 & 598 &:= 3^2 + 5^3 + 8^0 + 21^2 + 22^1 = 32 + 53 + 80 + 212 + 221 \\
 598 &:= 2^2 + 4^0 + 5^3 + 21^2 + 27^1 = 22 + 40 + 53 + 212 + 271 & 598 &:= 3^2 + 6^3 + 11^1 + 19^2 + 20^0 = 32 + 63 + 111 + 192 + 200 \\
 598 &:= 2^2 + 6^2 + 14^2 + 18^0 + 19^2 = 22 + 62 + 142 + 180 + 192 & 598 &:= 3^2 + 7^2 + 8^3 + 14^0 + 27^1 = 32 + 72 + 83 + 140 + 271
 \end{aligned}$$

$$\begin{aligned} 598 &:= 3^2 + 7^3 + 14^0 + 15^2 + 20^1 = 32 + 73 + 140 + 152 + 201 \\ 598 &:= 3^3 + 10^0 + 13^1 + 14^2 + 19^2 = 33 + 100 + 131 + 142 + 192 \\ 598 &:= 3^3 + 4^0 + 4^2 + 23^2 + 25^1 = 33 + 40 + 42 + 232 + 251 \\ 598 &:= 3^3 + 4^0 + 8^2 + 22^1 + 22^2 = 33 + 40 + 82 + 221 + 222 \\ 598 &:= 3^3 + 5^1 + 6^2 + 22^0 + 23^2 = 33 + 51 + 62 + 220 + 232 \\ 598 &:= 3^3 + 5^1 + 9^2 + 20^0 + 22^2 = 33 + 51 + 92 + 200 + 222 \\ 598 &:= 3^3 + 5^2 + 12^0 + 16^1 + 23^2 = 33 + 52 + 120 + 161 + 232 \\ 598 &:= 3^3 + 8^1 + 11^2 + 16^0 + 21^2 = 33 + 81 + 112 + 160 + 212 \\ 598 &:= 4^0 + 4^3 + 15^2 + 17^2 + 19^1 = 40 + 43 + 152 + 172 + 191 \\ 598 &:= 4^0 + 4^3 + 5^2 + 22^2 + 24^1 = 40 + 43 + 52 + 222 + 241 \\ 598 &:= 4^0 + 4^4 + 12^2 + 14^2 + 25^0 = 40 + 44 + 122 + 142 + 250 \\ 598 &:= 4^0 + 5^3 + 14^2 + 16^2 + 20^1 = 40 + 53 + 142 + 162 + 201 \\ 598 &:= 4^0 + 5^3 + 7^2 + 20^2 + 23^1 = 40 + 53 + 72 + 202 + 231 \\ 598 &:= 4^1 + 4^2 + 6^3 + 19^2 + 26^0 = 41 + 42 + 63 + 192 + 260 \\ 598 &:= 4^1 + 4^3 + 8^3 + 17^1 + 26^0 = 41 + 43 + 83 + 171 + 260 \\ 598 &:= 4^1 + 4^4 + 13^1 + 18^2 + 20^0 = 41 + 44 + 131 + 182 + 200 \\ 598 &:= 4^1 + 5^3 + 12^2 + 18^2 + 20^0 = 41 + 53 + 122 + 182 + 200 \\ 598 &:= 4^1 + 6^3 + 11^2 + 16^2 + 22^0 = 41 + 63 + 112 + 162 + 220 \\ 598 &:= 4^1 + 7^3 + 9^2 + 13^2 + 26^0 = 41 + 73 + 92 + 132 + 260 \\ 598 &:= 4^2 + 10^2 + 14^0 + 15^2 + 16^2 = 42 + 102 + 140 + 152 + 162 \\ 598 &:= 4^2 + 4^2 + 6^2 + 22^0 + 23^2 = 42 + 42 + 62 + 220 + 232 \\ 598 &:= 4^2 + 4^2 + 9^2 + 20^0 + 22^2 = 42 + 42 + 92 + 200 + 222 \\ 598 &:= 4^2 + 4^4 + 10^0 + 18^2 + 23^0 = 42 + 44 + 100 + 182 + 230 \\ 598 &:= 4^2 + 4^4 + 11^0 + 18^2 + 22^0 = 42 + 44 + 110 + 182 + 220 \\ 598 &:= 4^2 + 4^4 + 12^0 + 18^2 + 21^0 = 42 + 44 + 120 + 182 + 210 \\ 598 &:= 4^2 + 4^4 + 13^0 + 18^2 + 20^0 = 42 + 44 + 130 + 182 + 200 \\ 598 &:= 4^2 + 4^4 + 14^0 + 18^2 + 19^0 = 42 + 44 + 140 + 182 + 190 \\ 598 &:= 4^2 + 4^4 + 15^0 + 18^0 + 18^2 = 42 + 44 + 150 + 180 + 182 \\ 598 &:= 4^2 + 4^4 + 16^0 + 17^0 + 18^2 = 42 + 44 + 160 + 170 + 182 \\ 598 &:= 4^2 + 4^4 + 6^0 + 18^2 + 27^0 = 42 + 44 + 60 + 182 + 270 \\ 598 &:= 4^2 + 4^4 + 7^0 + 18^2 + 26^0 = 42 + 44 + 70 + 182 + 260 \\ 598 &:= 4^2 + 4^4 + 8^0 + 18^2 + 25^0 = 42 + 44 + 80 + 182 + 250 \\ 598 &:= 4^2 + 4^4 + 9^0 + 18^2 + 24^0 = 42 + 44 + 90 + 182 + 240 \\ 598 &:= 4^2 + 5^3 + 14^0 + 15^1 + 21^2 = 42 + 53 + 140 + 151 + 212 \\ 598 &:= 4^2 + 6^2 + 16^0 + 16^2 + 17^2 = 42 + 62 + 160 + 162 + 172 \\ 598 &:= 4^2 + 7^2 + 8^3 + 20^0 + 20^1 = 42 + 72 + 83 + 200 + 201 \\ 598 &:= 4^2 + 7^3 + 13^1 + 15^2 + 20^0 = 42 + 73 + 131 + 152 + 200 \\ 598 &:= 4^2 + 9^2 + 10^2 + 16^0 + 20^2 = 42 + 92 + 102 + 160 + 202 \end{aligned}$$

$$\begin{aligned} 598 &:= 4^3 + 10^0 + 13^1 + 14^2 + 18^2 = 43 + 100 + 131 + 142 + 182 \\ 598 &:= 4^3 + 11^2 + 12^0 + 12^1 + 20^2 = 43 + 112 + 120 + 121 + 202 \\ 598 &:= 4^3 + 5^1 + 8^3 + 16^1 + 26^0 = 43 + 51 + 83 + 161 + 260 \\ 598 &:= 4^3 + 6^1 + 8^3 + 15^1 + 26^0 = 43 + 61 + 83 + 151 + 260 \\ 598 &:= 4^3 + 6^2 + 13^1 + 14^0 + 22^2 = 43 + 62 + 131 + 140 + 222 \\ 598 &:= 4^3 + 7^1 + 8^3 + 14^1 + 26^0 = 43 + 71 + 83 + 141 + 260 \\ 598 &:= 4^3 + 8^1 + 8^3 + 13^1 + 26^0 = 43 + 81 + 83 + 131 + 260 \\ 598 &:= 4^3 + 8^3 + 10^1 + 11^1 + 26^0 = 43 + 83 + 101 + 111 + 260 \\ 598 &:= 4^3 + 8^3 + 9^1 + 12^1 + 26^0 = 43 + 83 + 91 + 121 + 260 \\ 598 &:= 4^3 + 9^2 + 11^1 + 14^0 + 21^2 = 43 + 92 + 111 + 140 + 212 \\ 598 &:= 4^4 + 10^0 + 12^2 + 14^2 + 19^0 = 44 + 100 + 122 + 142 + 190 \\ 598 &:= 4^4 + 11^0 + 12^2 + 14^2 + 18^0 = 44 + 110 + 122 + 142 + 180 \\ 598 &:= 4^4 + 12^0 + 12^2 + 14^2 + 17^0 = 44 + 120 + 122 + 142 + 170 \\ 598 &:= 4^4 + 12^2 + 13^0 + 14^2 + 16^0 = 44 + 122 + 130 + 142 + 160 \\ 598 &:= 4^4 + 12^2 + 14^0 + 14^2 + 15^0 = 44 + 122 + 140 + 142 + 150 \\ 598 &:= 4^4 + 5^0 + 12^2 + 14^2 + 24^0 = 44 + 50 + 122 + 142 + 240 \\ 598 &:= 4^4 + 5^1 + 12^1 + 18^2 + 20^0 = 44 + 51 + 121 + 182 + 200 \\ 598 &:= 4^4 + 6^0 + 12^2 + 14^2 + 23^0 = 44 + 60 + 122 + 142 + 230 \\ 598 &:= 4^4 + 6^1 + 11^1 + 18^2 + 20^0 = 44 + 61 + 111 + 182 + 200 \\ 598 &:= 4^4 + 7^0 + 12^2 + 14^2 + 22^0 = 44 + 70 + 122 + 142 + 220 \\ 598 &:= 4^4 + 7^1 + 10^1 + 18^2 + 20^0 = 44 + 71 + 101 + 182 + 200 \\ 598 &:= 4^4 + 8^0 + 12^2 + 14^2 + 21^0 = 44 + 80 + 122 + 142 + 210 \\ 598 &:= 4^4 + 8^1 + 9^1 + 18^2 + 20^0 = 44 + 81 + 91 + 182 + 200 \\ 598 &:= 4^4 + 9^0 + 12^2 + 14^2 + 20^0 = 44 + 90 + 122 + 142 + 200 \\ 598 &:= 5^2 + 5^3 + 6^1 + 21^2 + 22^0 = 52 + 53 + 61 + 212 + 220 \\ 598 &:= 5^2 + 6^2 + 8^3 + 16^0 + 24^1 = 52 + 62 + 83 + 160 + 241 \\ 598 &:= 5^3 + 10^0 + 13^2 + 14^1 + 17^2 = 53 + 100 + 132 + 141 + 172 \\ 598 &:= 5^3 + 10^2 + 11^1 + 14^0 + 19^2 = 53 + 102 + 111 + 140 + 192 \\ 598 &:= 5^3 + 8^1 + 8^2 + 18^0 + 20^2 = 53 + 81 + 82 + 180 + 202 \\ 598 &:= 6^2 + 10^2 + 10^2 + 14^0 + 19^2 = 62 + 102 + 102 + 140 + 192 \\ 598 &:= 6^2 + 12^0 + 13^2 + 14^2 + 14^2 = 62 + 120 + 132 + 142 + 142 \\ 598 &:= 6^2 + 6^2 + 8^3 + 13^1 + 26^0 = 62 + 62 + 83 + 131 + 260 \\ 598 &:= 6^2 + 6^3 + 8^0 + 18^2 + 21^1 = 62 + 63 + 80 + 182 + 211 \\ 598 &:= 6^2 + 7^2 + 14^0 + 16^2 + 16^2 = 62 + 72 + 140 + 162 + 162 \\ 598 &:= 6^2 + 7^3 + 10^0 + 14^2 + 22^1 = 62 + 73 + 100 + 142 + 221 \\ 598 &:= 6^3 + 10^0 + 13^2 + 14^2 + 16^1 = 63 + 100 + 132 + 142 + 161 \\ 598 &:= 6^3 + 12^1 + 12^2 + 14^0 + 15^2 = 63 + 121 + 122 + 140 + 152 \\ 598 &:= 6^3 + 7^2 + 8^1 + 18^2 + 20^0 = 63 + 72 + 81 + 182 + 200 \end{aligned}$$

$$\begin{aligned}
 598 &:= 6^3 + 7^3 + 8^0 + 11^1 + 27^1 = 63 + 73 + 80 + 111 + 271 \\
 598 &:= 6^3 + 7^3 + 8^0 + 12^1 + 26^1 = 63 + 73 + 80 + 121 + 261 \\
 598 &:= 6^3 + 7^3 + 8^0 + 13^1 + 25^1 = 63 + 73 + 80 + 131 + 251 \\
 598 &:= 6^3 + 7^3 + 8^0 + 14^1 + 24^1 = 63 + 73 + 80 + 141 + 241 \\
 598 &:= 6^3 + 7^3 + 8^0 + 15^1 + 23^1 = 63 + 73 + 80 + 151 + 231 \\
 598 &:= 6^3 + 7^3 + 8^0 + 16^1 + 22^1 = 63 + 73 + 80 + 161 + 221 \\
 598 &:= 6^3 + 7^3 + 8^0 + 17^1 + 21^1 = 63 + 73 + 80 + 171 + 211 \\
 598 &:= 6^3 + 7^3 + 8^0 + 18^1 + 20^1 = 63 + 73 + 80 + 181 + 201 \\
 598 &:= 6^3 + 7^3 + 8^0 + 19^1 + 19^1 = 63 + 73 + 80 + 191 + 191
 \end{aligned}$$

$$\begin{aligned}
 598 &:= 6^3 + 9^2 + 11^1 + 16^0 + 17^2 = 63 + 92 + 111 + 160 + 172 \\
 598 &:= 7^2 + 7^3 + 9^1 + 14^2 + 22^0 = 72 + 73 + 91 + 142 + 220 \\
 598 &:= 7^3 + 10^1 + 10^2 + 12^2 + 20^0 = 73 + 101 + 102 + 122 + 200 \\
 598 &:= 7^3 + 11^2 + 11^2 + 12^1 + 18^0 = 73 + 112 + 112 + 121 + 180 \\
 598 &:= 7^3 + 8^2 + 10^0 + 13^2 + 21^1 = 73 + 82 + 100 + 132 + 211 \\
 598 &:= 8^2 + 10^2 + 12^0 + 12^2 + 17^2 = 82 + 102 + 120 + 122 + 172 \\
 598 &:= 8^2 + 9^2 + 12^0 + 14^2 + 16^2 = 82 + 92 + 120 + 142 + 162
 \end{aligned}$$

2.2.500 Number 599

$$\begin{aligned}
 599 &:= 1^2 + 3^4 + 22^2 + 33^1 = 12 + 34 + 222 + 331 \\
 599 &:= 1^3 + 5^3 + 21^2 + 32^1 = 13 + 53 + 212 + 321 \\
 599 &:= 1^6 + 13^0 + 21^1 + 24^2 = 16 + 130 + 211 + 242 \\
 599 &:= 2^3 + 6^2 + 8^3 + 43^1 = 23 + 62 + 83 + 431 \\
 599 &:= 2^4 + 5^2 + 23^2 + 29^1 = 24 + 52 + 232 + 291 \\
 599 &:= 2^6 + 5^1 + 23^2 + 29^0 = 26 + 51 + 232 + 290 \\
 599 &:= 3^3 + 4^2 + 8^3 + 44^1 = 33 + 42 + 83 + 441 \\
 599 &:= 3^3 + 6^3 + 18^2 + 32^1 = 33 + 63 + 182 + 321 \\
 599 &:= 3^4 + 13^2 + 18^2 + 25^1 = 34 + 132 + 182 + 251 \\
 599 &:= 3^4 + 7^2 + 21^2 + 28^1 = 34 + 72 + 212 + 281 \\
 599 &:= 3^5 + 7^3 + 12^1 + 37^0 = 35 + 73 + 121 + 370 \\
 599 &:= 4^3 + 4^3 + 21^2 + 30^1 = 43 + 43 + 212 + 301 \\
 599 &:= 4^4 + 12^2 + 13^2 + 30^1 = 44 + 122 + 132 + 301 \\
 599 &:= 5^3 + 6^3 + 15^2 + 33^1 = 53 + 63 + 152 + 331 \\
 599 &:= 1^0 + 1^5 + 14^2 + 20^2 + 23^0 = 10 + 15 + 142 + 202 + 230 \\
 599 &:= 1^0 + 1^6 + 13^0 + 20^1 + 24^2 = 10 + 16 + 130 + 201 + 242 \\
 599 &:= 1^0 + 2^5 + 6^2 + 23^2 + 27^0 = 10 + 25 + 62 + 232 + 270 \\
 599 &:= 1^0 + 2^5 + 9^2 + 22^2 + 25^0 = 10 + 25 + 92 + 222 + 250 \\
 599 &:= 1^0 + 3^4 + 13^2 + 18^2 + 24^1 = 10 + 34 + 132 + 182 + 241 \\
 599 &:= 1^0 + 3^4 + 7^2 + 21^2 + 27^1 = 10 + 34 + 72 + 212 + 271 \\
 599 &:= 1^1 + 1^4 + 14^2 + 20^2 + 23^0 = 11 + 14 + 142 + 202 + 230 \\
 599 &:= 1^1 + 1^5 + 13^0 + 20^1 + 24^2 = 11 + 15 + 130 + 201 + 242 \\
 599 &:= 1^1 + 2^3 + 9^2 + 22^2 + 25^1 = 11 + 23 + 92 + 222 + 251 \\
 599 &:= 1^1 + 3^3 + 15^2 + 18^2 + 22^1 = 11 + 33 + 152 + 182 + 221 \\
 599 &:= 1^1 + 3^4 + 10^1 + 22^2 + 23^1 = 11 + 34 + 101 + 222 + 231 \\
 599 &:= 1^1 + 3^4 + 11^1 + 22^1 + 22^2 = 11 + 34 + 111 + 221 + 222 \\
 599 &:= 1^1 + 3^4 + 12^1 + 21^1 + 22^2 = 11 + 34 + 121 + 211 + 222
 \end{aligned}$$

$$\begin{aligned}
 599 &:= 1^1 + 3^4 + 13^1 + 20^1 + 22^2 = 11 + 34 + 131 + 201 + 222 \\
 599 &:= 1^1 + 3^4 + 14^1 + 19^1 + 22^2 = 11 + 34 + 141 + 191 + 222 \\
 599 &:= 1^1 + 3^4 + 15^1 + 18^1 + 22^2 = 11 + 34 + 151 + 181 + 222 \\
 599 &:= 1^1 + 3^4 + 16^1 + 17^1 + 22^2 = 11 + 34 + 161 + 171 + 222 \\
 599 &:= 1^1 + 3^4 + 6^1 + 22^2 + 27^1 = 11 + 34 + 61 + 222 + 271 \\
 599 &:= 1^1 + 3^4 + 7^1 + 22^2 + 26^1 = 11 + 34 + 71 + 222 + 261 \\
 599 &:= 1^1 + 3^4 + 8^1 + 22^2 + 25^1 = 11 + 34 + 81 + 222 + 251 \\
 599 &:= 1^1 + 3^4 + 9^1 + 22^2 + 24^1 = 11 + 34 + 91 + 222 + 241 \\
 599 &:= 1^1 + 4^3 + 16^2 + 16^2 + 22^1 = 11 + 43 + 162 + 162 + 221 \\
 599 &:= 1^1 + 5^3 + 15^2 + 15^2 + 23^1 = 11 + 53 + 152 + 152 + 231 \\
 599 &:= 1^1 + 6^3 + 10^2 + 16^2 + 26^1 = 11 + 63 + 102 + 162 + 261 \\
 599 &:= 1^2 + 1^3 + 14^2 + 20^2 + 23^0 = 12 + 13 + 142 + 202 + 230 \\
 599 &:= 1^2 + 1^4 + 13^0 + 20^1 + 24^2 = 12 + 14 + 130 + 201 + 242 \\
 599 &:= 1^2 + 10^2 + 15^2 + 16^2 + 17^1 = 12 + 102 + 152 + 162 + 171 \\
 599 &:= 1^2 + 2^4 + 5^1 + 24^2 + 27^0 = 12 + 24 + 51 + 242 + 270 \\
 599 &:= 1^2 + 3^2 + 9^2 + 22^2 + 24^1 = 12 + 32 + 92 + 222 + 241 \\
 599 &:= 1^2 + 4^3 + 7^2 + 22^2 + 25^0 = 12 + 43 + 72 + 222 + 250 \\
 599 &:= 1^2 + 4^3 + 8^3 + 21^1 + 25^0 = 12 + 43 + 83 + 211 + 250 \\
 599 &:= 1^2 + 4^4 + 17^1 + 18^2 + 19^0 = 12 + 44 + 171 + 182 + 190 \\
 599 &:= 1^2 + 5^1 + 5^3 + 21^2 + 27^1 = 12 + 51 + 53 + 212 + 271 \\
 599 &:= 1^2 + 5^3 + 10^1 + 21^2 + 22^1 = 12 + 53 + 101 + 212 + 221 \\
 599 &:= 1^2 + 5^3 + 11^1 + 21^1 + 21^2 = 12 + 53 + 111 + 211 + 212 \\
 599 &:= 1^2 + 5^3 + 12^1 + 20^1 + 21^2 = 12 + 53 + 121 + 201 + 212 \\
 599 &:= 1^2 + 5^3 + 13^1 + 19^1 + 21^2 = 12 + 53 + 131 + 191 + 212 \\
 599 &:= 1^2 + 5^3 + 14^1 + 18^1 + 21^2 = 12 + 53 + 141 + 181 + 212 \\
 599 &:= 1^2 + 5^3 + 15^1 + 17^1 + 21^2 = 12 + 53 + 151 + 171 + 212 \\
 599 &:= 1^2 + 5^3 + 16^1 + 16^1 + 21^2 = 12 + 53 + 161 + 161 + 212
 \end{aligned}$$

$$\begin{aligned}
 599 &:= 1^2 + 5^3 + 6^1 + 21^2 + 26^1 &= 12 + 53 + 61 + 212 + 261 & 599 &:= 1^5 + 7^1 + 13^0 + 14^1 + 24^2 &= 15 + 71 + 130 + 141 + 242 \\
 599 &:= 1^2 + 5^3 + 7^1 + 21^2 + 25^1 &= 12 + 53 + 71 + 212 + 251 & 599 &:= 1^5 + 8^0 + 14^2 + 16^0 + 20^2 &= 15 + 80 + 142 + 160 + 202 \\
 599 &:= 1^2 + 5^3 + 8^1 + 21^2 + 24^1 &= 12 + 53 + 81 + 212 + 241 & 599 &:= 1^5 + 8^1 + 13^0 + 13^1 + 24^2 &= 15 + 81 + 130 + 131 + 242 \\
 599 &:= 1^2 + 5^3 + 9^1 + 21^2 + 23^1 &= 12 + 53 + 91 + 212 + 231 & 599 &:= 1^5 + 9^0 + 14^2 + 15^0 + 20^2 &= 15 + 90 + 142 + 150 + 202 \\
 599 &:= 1^2 + 6^2 + 10^2 + 21^1 + 21^2 &= 12 + 62 + 102 + 211 + 212 & 599 &:= 1^5 + 9^1 + 12^1 + 13^0 + 24^2 &= 15 + 91 + 121 + 130 + 242 \\
 599 &:= 1^2 + 7^2 + 13^2 + 19^1 + 19^2 &= 12 + 72 + 132 + 191 + 192 & 599 &:= 1^6 + 1^9 + 14^2 + 20^2 + 22^0 &= 16 + 19 + 142 + 202 + 220 \\
 599 &:= 1^3 + 1^3 + 13^0 + 20^1 + 24^2 &= 13 + 13 + 130 + 201 + 242 & 599 &:= 1^6 + 2^0 + 12^0 + 20^1 + 24^2 &= 16 + 20 + 120 + 201 + 242 \\
 599 &:= 1^3 + 2^2 + 8^2 + 23^2 + 25^0 &= 13 + 22 + 82 + 232 + 250 & 599 &:= 1^6 + 3^0 + 11^0 + 20^1 + 24^2 &= 16 + 30 + 110 + 201 + 242 \\
 599 &:= 1^3 + 2^3 + 13^1 + 19^0 + 24^2 &= 13 + 23 + 131 + 190 + 242 & 599 &:= 1^6 + 4^0 + 10^0 + 20^1 + 24^2 &= 16 + 40 + 100 + 201 + 242 \\
 599 &:= 1^3 + 4^1 + 4^3 + 23^2 + 27^0 &= 13 + 41 + 43 + 232 + 270 & 599 &:= 1^6 + 5^0 + 9^0 + 20^1 + 24^2 &= 16 + 50 + 90 + 201 + 242 \\
 599 &:= 1^3 + 6^3 + 13^0 + 19^2 + 20^1 &= 13 + 63 + 130 + 192 + 201 & 599 &:= 1^6 + 6^0 + 8^0 + 20^1 + 24^2 &= 16 + 60 + 80 + 201 + 242 \\
 599 &:= 1^3 + 7^2 + 8^2 + 21^0 + 22^2 &= 13 + 72 + 82 + 210 + 222 & 599 &:= 1^6 + 7^0 + 7^0 + 20^1 + 24^2 &= 16 + 70 + 70 + 201 + 242 \\
 599 &:= 1^3 + 8^2 + 8^3 + 21^0 + 21^1 &= 13 + 82 + 83 + 210 + 211 & 599 &:= 1^7 + 1^8 + 14^2 + 20^2 + 22^0 &= 17 + 18 + 142 + 202 + 220 \\
 599 &:= 1^4 + 10^2 + 13^0 + 13^1 + 22^2 &= 14 + 102 + 130 + 131 + 222 & 599 &:= 1^7 + 1^9 + 12^0 + 20^1 + 24^2 &= 17 + 19 + 120 + 201 + 242 \\
 599 &:= 1^4 + 11^1 + 13^0 + 15^2 + 19^2 &= 14 + 111 + 130 + 152 + 192 & 599 &:= 1^7 + 2^9 + 8^2 + 21^1 + 26^0 &= 17 + 29 + 82 + 211 + 260 \\
 599 &:= 1^4 + 12^1 + 12^2 + 13^0 + 21^2 &= 14 + 121 + 122 + 130 + 212 & 599 &:= 1^8 + 1^8 + 12^0 + 20^1 + 24^2 &= 18 + 18 + 120 + 201 + 242 \\
 599 &:= 1^4 + 2^2 + 15^0 + 17^1 + 24^2 &= 14 + 22 + 150 + 171 + 242 & 599 &:= 1^8 + 2^8 + 17^1 + 18^2 + 20^0 &= 18 + 28 + 171 + 182 + 200 \\
 599 &:= 1^4 + 3^2 + 12^1 + 19^0 + 24^2 &= 14 + 32 + 121 + 190 + 242 & 599 &:= 1^9 + 2^6 + 7^2 + 22^2 + 26^0 &= 19 + 26 + 72 + 222 + 260 \\
 599 &:= 1^4 + 4^1 + 8^2 + 23^0 + 23^2 &= 14 + 41 + 82 + 230 + 232 & 599 &:= 1^9 + 2^6 + 8^3 + 21^1 + 26^0 &= 19 + 26 + 83 + 211 + 260 \\
 599 &:= 1^4 + 4^2 + 5^1 + 24^2 + 25^0 &= 14 + 42 + 51 + 242 + 250 & 599 &:= 11^1 + 11^2 + 11^2 + 11^2 + 15^2 &= 111 + 112 + 112 + 112 + 152 \\
 599 &:= 1^4 + 5^0 + 17^2 + 17^2 + 19^1 &= 14 + 50 + 172 + 172 + 191 & 599 &:= 2^0 + 2^5 + 6^2 + 23^2 + 26^0 &= 20 + 25 + 62 + 232 + 260 \\
 599 &:= 1^4 + 7^0 + 16^2 + 17^1 + 18^2 &= 14 + 70 + 162 + 171 + 182 & 599 &:= 2^0 + 2^5 + 9^2 + 22^2 + 24^0 &= 20 + 25 + 92 + 222 + 240 \\
 599 &:= 1^4 + 7^2 + 9^0 + 19^1 + 23^2 &= 14 + 72 + 90 + 191 + 232 & 599 &:= 2^1 + 2^3 + 9^2 + 22^2 + 24^1 &= 21 + 23 + 92 + 222 + 241 \\
 599 &:= 1^5 + 10^0 + 14^0 + 14^2 + 20^2 &= 15 + 100 + 140 + 142 + 202 & 599 &:= 2^1 + 2^4 + 16^2 + 18^2 + 21^0 &= 21 + 24 + 162 + 182 + 210 \\
 599 &:= 1^5 + 10^1 + 11^1 + 13^0 + 24^2 &= 15 + 101 + 111 + 130 + 242 & 599 &:= 2^1 + 3^3 + 15^2 + 18^2 + 21^1 &= 21 + 33 + 152 + 182 + 211 \\
 599 &:= 1^5 + 11^0 + 13^0 + 14^2 + 20^2 &= 15 + 110 + 130 + 142 + 202 & 599 &:= 2^1 + 3^4 + 10^1 + 22^1 + 22^2 &= 21 + 34 + 101 + 221 + 222 \\
 599 &:= 1^5 + 12^0 + 12^0 + 14^2 + 20^2 &= 15 + 120 + 120 + 142 + 202 & 599 &:= 2^1 + 3^4 + 11^1 + 21^1 + 22^2 &= 21 + 34 + 111 + 211 + 222 \\
 599 &:= 1^5 + 2^0 + 14^2 + 20^2 + 22^0 &= 15 + 20 + 142 + 202 + 220 & 599 &:= 2^1 + 3^4 + 12^1 + 20^1 + 22^2 &= 21 + 34 + 121 + 201 + 222 \\
 599 &:= 1^5 + 2^1 + 13^0 + 19^1 + 24^2 &= 15 + 21 + 130 + 191 + 242 & 599 &:= 2^1 + 3^4 + 13^1 + 19^1 + 22^2 &= 21 + 34 + 131 + 191 + 222 \\
 599 &:= 1^5 + 3^0 + 14^2 + 20^2 + 21^0 &= 15 + 30 + 142 + 202 + 210 & 599 &:= 2^1 + 3^4 + 14^1 + 18^1 + 22^2 &= 21 + 34 + 141 + 181 + 222 \\
 599 &:= 1^5 + 3^1 + 13^0 + 18^1 + 24^2 &= 15 + 31 + 130 + 181 + 242 & 599 &:= 2^1 + 3^4 + 15^1 + 17^1 + 22^2 &= 21 + 34 + 151 + 171 + 222 \\
 599 &:= 1^5 + 4^0 + 14^2 + 20^0 + 20^2 &= 15 + 40 + 142 + 200 + 202 & 599 &:= 2^1 + 3^4 + 16^1 + 16^1 + 22^2 &= 21 + 34 + 161 + 161 + 222 \\
 599 &:= 1^5 + 4^1 + 13^0 + 17^1 + 24^2 &= 15 + 41 + 130 + 171 + 242 & 599 &:= 2^1 + 3^4 + 5^1 + 22^2 + 27^1 &= 21 + 34 + 51 + 222 + 271 \\
 599 &:= 1^5 + 5^0 + 14^2 + 19^0 + 20^2 &= 15 + 50 + 142 + 190 + 202 & 599 &:= 2^1 + 3^4 + 6^1 + 22^2 + 26^1 &= 21 + 34 + 61 + 222 + 261 \\
 599 &:= 1^5 + 5^1 + 13^0 + 16^1 + 24^2 &= 15 + 51 + 130 + 161 + 242 & 599 &:= 2^1 + 3^4 + 7^1 + 22^2 + 25^1 &= 21 + 34 + 71 + 222 + 251 \\
 599 &:= 1^5 + 6^0 + 14^2 + 18^0 + 20^2 &= 15 + 60 + 142 + 180 + 202 & 599 &:= 2^1 + 3^4 + 8^1 + 22^2 + 24^1 &= 21 + 34 + 81 + 222 + 241 \\
 599 &:= 1^5 + 6^1 + 13^0 + 15^1 + 24^2 &= 15 + 61 + 130 + 151 + 242 & 599 &:= 2^1 + 3^4 + 9^1 + 22^2 + 23^1 &= 21 + 34 + 91 + 222 + 231 \\
 599 &:= 1^5 + 7^0 + 14^2 + 17^0 + 20^2 &= 15 + 70 + 142 + 170 + 202 & 599 &:= 2^1 + 4^3 + 16^2 + 16^2 + 21^1 &= 21 + 43 + 162 + 162 + 211
 \end{aligned}$$

$$\begin{aligned}
 599 &:= 2^1 + 4^4 + 12^2 + 14^2 + 27^0 = 21 + 44 + 122 + 142 + 270 & 599 &:= 2^4 + 11^0 + 13^1 + 13^2 + 20^2 = 24 + 110 + 131 + 132 + 202 \\
 599 &:= 2^1 + 5^3 + 15^2 + 15^2 + 22^1 = 21 + 53 + 152 + 152 + 221 & 599 &:= 2^4 + 4^1 + 17^2 + 17^2 + 19^0 = 24 + 41 + 172 + 172 + 190 \\
 599 &:= 2^1 + 6^3 + 10^2 + 16^2 + 25^1 = 21 + 63 + 102 + 162 + 251 & 599 &:= 2^4 + 4^1 + 7^2 + 23^0 + 23^2 = 24 + 41 + 72 + 230 + 232 \\
 599 &:= 2^2 + 11^2 + 13^2 + 16^1 + 17^2 = 22 + 112 + 132 + 161 + 172 & 599 &:= 2^4 + 5^0 + 11^2 + 20^1 + 21^2 = 24 + 50 + 112 + 201 + 212 \\
 599 &:= 2^2 + 2^2 + 13^2 + 20^2 + 22^1 = 22 + 22 + 132 + 202 + 221 & 599 &:= 2^4 + 6^2 + 11^0 + 17^1 + 23^2 = 24 + 62 + 110 + 171 + 232 \\
 599 &:= 2^2 + 2^2 + 6^2 + 23^2 + 26^1 = 22 + 22 + 62 + 232 + 261 & 599 &:= 2^4 + 9^0 + 9^2 + 17^1 + 22^2 = 24 + 90 + 92 + 171 + 222 \\
 599 &:= 2^2 + 2^3 + 15^2 + 19^2 + 21^0 = 22 + 23 + 152 + 192 + 210 & 599 &:= 2^5 + 3^0 + 6^2 + 23^2 + 25^0 = 25 + 30 + 62 + 232 + 250 \\
 599 &:= 2^2 + 3^4 + 8^3 + 19^0 + 27^0 = 22 + 34 + 83 + 190 + 270 & 599 &:= 2^5 + 3^0 + 9^2 + 22^2 + 23^0 = 25 + 30 + 92 + 222 + 230 \\
 599 &:= 2^2 + 3^4 + 8^3 + 20^0 + 26^0 = 22 + 34 + 83 + 200 + 260 & 599 &:= 2^5 + 4^0 + 6^2 + 23^2 + 24^0 = 25 + 40 + 62 + 232 + 240 \\
 599 &:= 2^2 + 3^4 + 8^3 + 21^0 + 25^0 = 22 + 34 + 83 + 210 + 250 & 599 &:= 2^5 + 4^0 + 9^2 + 22^0 + 22^2 = 25 + 40 + 92 + 220 + 222 \\
 599 &:= 2^2 + 3^4 + 8^3 + 22^0 + 24^0 = 22 + 34 + 83 + 220 + 240 & 599 &:= 2^5 + 5^0 + 6^2 + 23^0 + 23^2 = 25 + 50 + 62 + 230 + 232 \\
 599 &:= 2^2 + 3^4 + 8^3 + 23^0 + 23^0 = 22 + 34 + 83 + 230 + 230 & 599 &:= 2^5 + 5^0 + 9^2 + 21^0 + 22^2 = 25 + 50 + 92 + 210 + 222 \\
 599 &:= 2^2 + 4^2 + 5^2 + 23^2 + 25^1 = 22 + 42 + 52 + 232 + 251 & 599 &:= 2^5 + 6^0 + 6^2 + 22^0 + 23^2 = 25 + 60 + 62 + 220 + 232 \\
 599 &:= 2^2 + 4^3 + 13^2 + 19^2 + 21^0 = 22 + 43 + 132 + 192 + 210 & 599 &:= 2^5 + 6^0 + 9^2 + 20^0 + 22^2 = 25 + 60 + 92 + 200 + 222 \\
 599 &:= 2^2 + 4^3 + 8^3 + 18^1 + 27^0 = 22 + 43 + 83 + 181 + 270 & 599 &:= 2^5 + 6^2 + 10^0 + 18^0 + 23^2 = 25 + 62 + 100 + 180 + 232 \\
 599 &:= 2^2 + 4^4 + 14^1 + 18^2 + 21^0 = 22 + 44 + 141 + 182 + 210 & 599 &:= 2^5 + 6^2 + 11^0 + 17^0 + 23^2 = 25 + 62 + 110 + 170 + 232 \\
 599 &:= 2^2 + 5^2 + 8^2 + 22^1 + 22^2 = 22 + 52 + 82 + 221 + 222 & 599 &:= 2^5 + 6^2 + 12^0 + 16^0 + 23^2 = 25 + 62 + 120 + 160 + 232 \\
 599 &:= 2^2 + 8^2 + 15^2 + 17^1 + 17^2 = 22 + 82 + 152 + 171 + 172 & 599 &:= 2^5 + 6^2 + 13^0 + 15^0 + 23^2 = 25 + 62 + 130 + 150 + 232 \\
 599 &:= 2^3 + 13^2 + 14^2 + 15^0 + 15^2 = 23 + 132 + 142 + 150 + 152 & 599 &:= 2^5 + 6^2 + 14^0 + 14^0 + 23^2 = 25 + 62 + 140 + 140 + 232 \\
 599 &:= 2^3 + 2^3 + 6^1 + 24^2 + 25^0 = 23 + 23 + 61 + 242 + 250 & 599 &:= 2^5 + 6^2 + 7^0 + 21^0 + 23^2 = 25 + 62 + 70 + 210 + 232 \\
 599 &:= 2^3 + 3^1 + 9^2 + 22^2 + 23^1 = 23 + 31 + 92 + 222 + 231 & 599 &:= 2^5 + 6^2 + 8^0 + 20^0 + 23^2 = 25 + 62 + 80 + 200 + 232 \\
 599 &:= 2^3 + 4^1 + 9^2 + 22^1 + 22^2 = 23 + 41 + 92 + 221 + 222 & 599 &:= 2^5 + 6^2 + 9^0 + 19^0 + 23^2 = 25 + 62 + 90 + 190 + 232 \\
 599 &:= 2^3 + 5^1 + 9^2 + 21^1 + 22^2 = 23 + 51 + 92 + 211 + 222 & 599 &:= 2^5 + 7^0 + 9^2 + 19^0 + 22^2 = 25 + 70 + 92 + 190 + 222 \\
 599 &:= 2^3 + 5^2 + 6^2 + 23^0 + 23^2 = 23 + 52 + 62 + 230 + 232 & 599 &:= 2^5 + 8^0 + 9^2 + 18^0 + 22^2 = 25 + 80 + 92 + 180 + 222 \\
 599 &:= 2^3 + 5^2 + 9^2 + 21^0 + 22^2 = 23 + 52 + 92 + 210 + 222 & 599 &:= 2^5 + 9^0 + 9^2 + 17^0 + 22^2 = 25 + 90 + 92 + 170 + 222 \\
 599 &:= 2^3 + 5^3 + 7^0 + 21^2 + 24^1 = 23 + 53 + 70 + 212 + 241 & 599 &:= 2^5 + 9^2 + 10^0 + 16^0 + 22^2 = 25 + 92 + 100 + 160 + 222 \\
 599 &:= 2^3 + 6^1 + 9^2 + 20^1 + 22^2 = 23 + 61 + 92 + 201 + 222 & 599 &:= 2^5 + 9^2 + 11^0 + 15^0 + 22^2 = 25 + 92 + 110 + 150 + 222 \\
 599 &:= 2^3 + 6^3 + 13^1 + 19^0 + 19^2 = 23 + 63 + 131 + 190 + 192 & 599 &:= 2^5 + 9^2 + 12^0 + 14^0 + 22^2 = 25 + 92 + 120 + 140 + 222 \\
 599 &:= 2^3 + 7^1 + 9^2 + 19^1 + 22^2 = 23 + 71 + 92 + 191 + 222 & 599 &:= 2^5 + 9^2 + 13^0 + 13^0 + 22^2 = 25 + 92 + 130 + 130 + 222 \\
 599 &:= 2^3 + 7^2 + 10^2 + 19^0 + 21^2 = 23 + 72 + 102 + 190 + 212 & 599 &:= 2^6 + 3^0 + 4^1 + 23^2 + 27^0 = 26 + 30 + 41 + 232 + 270 \\
 599 &:= 2^3 + 7^3 + 13^0 + 15^2 + 22^1 = 23 + 73 + 130 + 152 + 221 & 599 &:= 2^6 + 4^0 + 4^1 + 23^2 + 26^0 = 26 + 40 + 41 + 232 + 260 \\
 599 &:= 2^3 + 8^1 + 9^2 + 18^1 + 22^2 = 23 + 81 + 92 + 181 + 222 & 599 &:= 2^6 + 4^1 + 10^0 + 20^0 + 23^2 = 26 + 41 + 100 + 200 + 232 \\
 599 &:= 2^3 + 8^2 + 8^3 + 14^1 + 27^0 = 23 + 82 + 83 + 141 + 270 & 599 &:= 2^6 + 4^1 + 11^0 + 19^0 + 23^2 = 26 + 41 + 110 + 190 + 232 \\
 599 &:= 2^3 + 9^1 + 9^2 + 17^1 + 22^2 = 23 + 91 + 92 + 171 + 222 & 599 &:= 2^6 + 4^1 + 12^0 + 18^0 + 23^2 = 26 + 41 + 120 + 180 + 232 \\
 599 &:= 2^3 + 9^2 + 10^1 + 16^1 + 22^2 = 23 + 92 + 101 + 161 + 222 & 599 &:= 2^6 + 4^1 + 13^0 + 17^0 + 23^2 = 26 + 41 + 130 + 170 + 232 \\
 599 &:= 2^3 + 9^2 + 11^1 + 15^1 + 22^2 = 23 + 92 + 111 + 151 + 222 & 599 &:= 2^6 + 4^1 + 14^0 + 16^0 + 23^2 = 26 + 41 + 140 + 160 + 232 \\
 599 &:= 2^3 + 9^2 + 12^1 + 14^1 + 22^2 = 23 + 92 + 121 + 141 + 222 & 599 &:= 2^6 + 4^1 + 15^0 + 15^0 + 23^2 = 26 + 41 + 150 + 150 + 232 \\
 599 &:= 2^3 + 9^2 + 13^1 + 13^1 + 22^2 = 23 + 92 + 131 + 131 + 222 & 599 &:= 2^6 + 4^1 + 5^0 + 23^2 + 25^0 = 26 + 41 + 50 + 232 + 250
 \end{aligned}$$

$$\begin{aligned}
 599 &:= 2^6 + 4^1 + 6^0 + 23^2 + 24^0 = 26 + 41 + 60 + 232 + 240 & 599 &:= 3^3 + 11^1 + 12^1 + 15^2 + 18^2 = 33 + 111 + 121 + 152 + 182 \\
 599 &:= 2^6 + 4^1 + 7^0 + 23^0 + 23^2 = 26 + 41 + 70 + 230 + 232 & 599 &:= 3^3 + 11^2 + 15^0 + 15^2 + 15^2 = 33 + 112 + 150 + 152 + 152 \\
 599 &:= 2^6 + 4^1 + 8^0 + 22^0 + 23^2 = 26 + 41 + 80 + 220 + 232 & 599 &:= 3^3 + 3^3 + 15^0 + 15^1 + 23^2 = 33 + 33 + 150 + 151 + 232 \\
 599 &:= 2^6 + 4^1 + 9^0 + 21^0 + 23^2 = 26 + 41 + 90 + 210 + 232 & 599 &:= 3^3 + 4^1 + 15^2 + 18^2 + 19^1 = 33 + 41 + 152 + 182 + 191 \\
 599 &:= 2^8 + 2^8 + 8^2 + 22^1 + 24^0 = 28 + 28 + 82 + 221 + 240 & 599 &:= 3^3 + 4^3 + 7^0 + 22^2 + 23^1 = 33 + 43 + 70 + 222 + 231 \\
 599 &:= 3^1 + 3^3 + 15^2 + 18^2 + 20^1 = 31 + 33 + 152 + 182 + 201 & 599 &:= 3^3 + 5^1 + 15^2 + 18^1 + 18^2 = 33 + 51 + 152 + 181 + 182 \\
 599 &:= 3^1 + 3^4 + 10^1 + 21^1 + 22^2 = 31 + 34 + 101 + 211 + 222 & 599 &:= 3^3 + 5^1 + 5^3 + 21^2 + 25^0 = 33 + 51 + 53 + 212 + 250 \\
 599 &:= 3^1 + 3^4 + 11^1 + 20^1 + 22^2 = 31 + 34 + 111 + 201 + 222 & 599 &:= 3^3 + 6^1 + 15^2 + 17^1 + 18^2 = 33 + 61 + 152 + 171 + 182 \\
 599 &:= 3^1 + 3^4 + 12^1 + 19^1 + 22^2 = 31 + 34 + 121 + 191 + 222 & 599 &:= 3^3 + 6^2 + 8^3 + 19^0 + 23^1 = 33 + 62 + 83 + 190 + 231 \\
 599 &:= 3^1 + 3^4 + 13^1 + 18^1 + 22^2 = 31 + 34 + 131 + 181 + 222 & 599 &:= 3^3 + 7^1 + 15^2 + 16^1 + 18^2 = 33 + 71 + 152 + 161 + 182 \\
 599 &:= 3^1 + 3^4 + 14^1 + 17^1 + 22^2 = 31 + 34 + 141 + 171 + 222 & 599 &:= 3^3 + 7^2 + 9^2 + 19^0 + 21^2 = 33 + 72 + 92 + 190 + 212 \\
 599 &:= 3^1 + 3^4 + 15^1 + 16^1 + 22^2 = 31 + 34 + 151 + 161 + 222 & 599 &:= 3^3 + 8^1 + 15^1 + 15^2 + 18^2 = 33 + 81 + 151 + 152 + 182 \\
 599 &:= 3^1 + 3^4 + 15^2 + 17^2 + 21^0 = 31 + 34 + 152 + 172 + 210 & 599 &:= 3^3 + 9^1 + 14^1 + 15^2 + 18^2 = 33 + 91 + 141 + 152 + 182 \\
 599 &:= 3^1 + 3^4 + 4^1 + 22^2 + 27^1 = 31 + 34 + 41 + 222 + 271 & 599 &:= 3^4 + 10^1 + 10^1 + 14^1 + 22^2 = 34 + 101 + 101 + 141 + 222 \\
 599 &:= 3^1 + 3^4 + 5^1 + 22^2 + 26^1 = 31 + 34 + 51 + 222 + 261 & 599 &:= 3^4 + 10^1 + 11^1 + 13^1 + 22^2 = 34 + 101 + 111 + 131 + 222 \\
 599 &:= 3^1 + 3^4 + 6^1 + 22^2 + 25^1 = 31 + 34 + 61 + 222 + 251 & 599 &:= 3^4 + 10^1 + 12^1 + 12^1 + 22^2 = 34 + 101 + 121 + 121 + 222 \\
 599 &:= 3^1 + 3^4 + 7^1 + 22^2 + 24^1 = 31 + 34 + 71 + 222 + 241 & 599 &:= 3^4 + 11^1 + 11^1 + 12^1 + 22^2 = 34 + 111 + 111 + 121 + 222 \\
 599 &:= 3^1 + 3^4 + 8^1 + 22^2 + 23^1 = 31 + 34 + 81 + 222 + 231 & 599 &:= 3^4 + 12^1 + 12^2 + 13^0 + 19^2 = 34 + 121 + 122 + 130 + 192 \\
 599 &:= 3^1 + 3^4 + 9^1 + 22^1 + 22^2 = 31 + 34 + 91 + 221 + 222 & 599 &:= 3^4 + 4^1 + 10^1 + 20^1 + 22^2 = 34 + 41 + 101 + 201 + 222 \\
 599 &:= 3^1 + 4^3 + 16^2 + 16^2 + 20^1 = 31 + 43 + 162 + 162 + 201 & 599 &:= 3^4 + 4^1 + 11^1 + 19^1 + 22^2 = 34 + 41 + 111 + 191 + 222 \\
 599 &:= 3^1 + 5^3 + 15^2 + 15^2 + 21^1 = 31 + 53 + 152 + 152 + 211 & 599 &:= 3^4 + 4^1 + 12^1 + 18^1 + 22^2 = 34 + 41 + 121 + 181 + 222 \\
 599 &:= 3^1 + 6^3 + 10^2 + 16^2 + 24^1 = 31 + 63 + 102 + 162 + 241 & 599 &:= 3^4 + 4^1 + 13^1 + 17^1 + 22^2 = 34 + 41 + 131 + 171 + 222 \\
 599 &:= 3^2 + 3^3 + 11^2 + 21^0 + 21^2 = 32 + 33 + 112 + 210 + 212 & 599 &:= 3^4 + 4^1 + 14^1 + 16^1 + 22^2 = 34 + 41 + 141 + 161 + 222 \\
 599 &:= 3^2 + 3^4 + 7^0 + 22^2 + 24^1 = 32 + 34 + 70 + 222 + 241 & 599 &:= 3^4 + 4^1 + 15^1 + 15^1 + 22^2 = 34 + 41 + 151 + 151 + 222 \\
 599 &:= 3^2 + 4^4 + 9^1 + 18^2 + 25^0 = 32 + 44 + 91 + 182 + 250 & 599 &:= 3^4 + 4^1 + 4^1 + 22^2 + 26^1 = 34 + 41 + 41 + 222 + 261 \\
 599 &:= 3^2 + 5^3 + 8^2 + 20^2 + 23^0 = 32 + 53 + 82 + 202 + 230 & 599 &:= 3^4 + 4^1 + 5^1 + 22^2 + 25^1 = 34 + 41 + 51 + 222 + 251 \\
 599 &:= 3^2 + 6^2 + 7^2 + 21^1 + 22^2 = 32 + 62 + 72 + 211 + 222 & 599 &:= 3^4 + 4^1 + 6^1 + 22^2 + 24^1 = 34 + 41 + 61 + 222 + 241 \\
 599 &:= 3^2 + 6^2 + 8^3 + 15^1 + 27^1 = 32 + 62 + 83 + 151 + 271 & 599 &:= 3^4 + 4^1 + 7^1 + 22^2 + 23^1 = 34 + 41 + 71 + 222 + 231 \\
 599 &:= 3^2 + 6^2 + 8^3 + 16^1 + 26^1 = 32 + 62 + 83 + 161 + 261 & 599 &:= 3^4 + 4^1 + 8^1 + 22^1 + 22^2 = 34 + 41 + 81 + 221 + 222 \\
 599 &:= 3^2 + 6^2 + 8^3 + 17^1 + 25^1 = 32 + 62 + 83 + 171 + 251 & 599 &:= 3^4 + 4^1 + 9^1 + 21^1 + 22^2 = 34 + 41 + 91 + 211 + 222 \\
 599 &:= 3^2 + 6^2 + 8^3 + 18^1 + 24^1 = 32 + 62 + 83 + 181 + 241 & 599 &:= 3^4 + 4^2 + 13^0 + 17^1 + 22^2 = 34 + 42 + 130 + 171 + 222 \\
 599 &:= 3^2 + 6^2 + 8^3 + 19^1 + 23^1 = 32 + 62 + 83 + 191 + 231 & 599 &:= 3^4 + 5^1 + 10^1 + 19^1 + 22^2 = 34 + 51 + 101 + 191 + 222 \\
 599 &:= 3^2 + 6^2 + 8^3 + 20^1 + 22^1 = 32 + 62 + 83 + 201 + 221 & 599 &:= 3^4 + 5^1 + 11^1 + 18^1 + 22^2 = 34 + 51 + 111 + 181 + 222 \\
 599 &:= 3^2 + 6^2 + 8^3 + 21^1 + 21^1 = 32 + 62 + 83 + 211 + 211 & 599 &:= 3^4 + 5^1 + 12^1 + 17^1 + 22^2 = 34 + 51 + 121 + 171 + 222 \\
 599 &:= 3^2 + 6^3 + 7^2 + 18^2 + 25^0 = 32 + 63 + 72 + 182 + 250 & 599 &:= 3^4 + 5^1 + 13^1 + 16^1 + 22^2 = 34 + 51 + 131 + 161 + 222 \\
 599 &:= 3^2 + 7^2 + 9^2 + 19^1 + 21^2 = 32 + 72 + 92 + 191 + 212 & 599 &:= 3^4 + 5^1 + 14^1 + 15^1 + 22^2 = 34 + 51 + 141 + 151 + 222 \\
 599 &:= 3^2 + 9^2 + 13^2 + 16^1 + 18^2 = 32 + 92 + 132 + 161 + 182 & 599 &:= 3^4 + 5^1 + 16^2 + 16^2 + 19^0 = 34 + 51 + 162 + 162 + 190 \\
 599 &:= 3^3 + 10^1 + 13^1 + 15^2 + 18^2 = 33 + 101 + 131 + 152 + 182 & 599 &:= 3^4 + 5^1 + 5^1 + 22^2 + 24^1 = 34 + 51 + 51 + 222 + 241
 \end{aligned}$$

$599 := 3^4 + 5^1 + 6^1 + 22^2 + 23^1$	$= 34 + 51 + 61 + 222 + 231$	$599 := 3^5 + 7^0 + 12^1 + 18^2 + 19^1$	$= 35 + 70 + 121 + 182 + 191$
$599 := 3^4 + 5^1 + 7^1 + 22^1 + 22^2$	$= 34 + 51 + 71 + 221 + 222$	$599 := 3^5 + 7^0 + 13^1 + 18^1 + 18^2$	$= 35 + 70 + 131 + 181 + 182$
$599 := 3^4 + 5^1 + 8^1 + 21^1 + 22^2$	$= 34 + 51 + 81 + 211 + 222$	$599 := 3^5 + 7^0 + 14^1 + 17^1 + 18^2$	$= 35 + 70 + 141 + 171 + 182$
$599 := 3^4 + 5^1 + 9^1 + 20^1 + 22^2$	$= 34 + 51 + 91 + 201 + 222$	$599 := 3^5 + 7^0 + 15^1 + 16^1 + 18^2$	$= 35 + 70 + 151 + 161 + 182$
$599 := 3^4 + 5^2 + 8^1 + 21^0 + 22^2$	$= 34 + 52 + 81 + 210 + 222$	$599 := 3^5 + 7^0 + 7^1 + 18^2 + 24^1$	$= 35 + 70 + 71 + 182 + 241$
$599 := 3^4 + 6^1 + 10^1 + 18^1 + 22^2$	$= 34 + 61 + 101 + 181 + 222$	$599 := 3^5 + 7^0 + 8^1 + 18^2 + 23^1$	$= 35 + 70 + 81 + 182 + 231$
$599 := 3^4 + 6^1 + 11^1 + 17^1 + 22^2$	$= 34 + 61 + 111 + 171 + 222$	$599 := 3^5 + 7^0 + 9^1 + 18^2 + 22^1$	$= 35 + 70 + 91 + 182 + 221$
$599 := 3^4 + 6^1 + 12^1 + 16^1 + 22^2$	$= 34 + 61 + 121 + 161 + 222$	$599 := 3^5 + 7^3 + 11^0 + 11^1 + 27^0$	$= 35 + 73 + 110 + 111 + 270$
$599 := 3^4 + 6^1 + 13^1 + 15^1 + 22^2$	$= 34 + 61 + 131 + 151 + 222$	$599 := 3^5 + 7^3 + 11^1 + 12^0 + 26^0$	$= 35 + 73 + 111 + 120 + 260$
$599 := 3^4 + 6^1 + 14^1 + 14^1 + 22^2$	$= 34 + 61 + 141 + 141 + 222$	$599 := 3^5 + 7^3 + 11^1 + 13^0 + 25^0$	$= 35 + 73 + 111 + 130 + 250$
$599 := 3^4 + 6^1 + 6^1 + 22^1 + 22^2$	$= 34 + 61 + 61 + 221 + 222$	$599 := 3^5 + 7^3 + 11^1 + 14^0 + 24^0$	$= 35 + 73 + 111 + 140 + 240$
$599 := 3^4 + 6^1 + 7^1 + 21^1 + 22^2$	$= 34 + 61 + 71 + 211 + 222$	$599 := 3^5 + 7^3 + 11^1 + 15^0 + 23^0$	$= 35 + 73 + 111 + 150 + 230$
$599 := 3^4 + 6^1 + 8^1 + 20^1 + 22^2$	$= 34 + 61 + 81 + 201 + 222$	$599 := 3^5 + 7^3 + 11^1 + 16^0 + 22^0$	$= 35 + 73 + 111 + 160 + 220$
$599 := 3^4 + 6^1 + 9^1 + 19^1 + 22^2$	$= 34 + 61 + 91 + 191 + 222$	$599 := 3^5 + 7^3 + 11^1 + 17^0 + 21^0$	$= 35 + 73 + 111 + 170 + 210$
$599 := 3^4 + 7^1 + 10^1 + 17^1 + 22^2$	$= 34 + 71 + 101 + 171 + 222$	$599 := 3^5 + 7^3 + 11^1 + 18^0 + 20^0$	$= 35 + 73 + 111 + 180 + 200$
$599 := 3^4 + 7^1 + 11^1 + 16^1 + 22^2$	$= 34 + 71 + 111 + 161 + 222$	$599 := 3^5 + 7^3 + 11^1 + 19^0 + 19^0$	$= 35 + 73 + 111 + 190 + 190$
$599 := 3^4 + 7^1 + 12^1 + 15^1 + 22^2$	$= 34 + 71 + 121 + 151 + 222$	$599 := 4^1 + 4^3 + 16^2 + 16^2 + 19^1$	$= 41 + 43 + 162 + 162 + 191$
$599 := 3^4 + 7^1 + 13^1 + 14^1 + 22^2$	$= 34 + 71 + 131 + 141 + 222$	$599 := 4^1 + 4^4 + 13^2 + 13^2 + 25^0$	$= 41 + 44 + 132 + 132 + 250$
$599 := 3^4 + 7^1 + 7^1 + 20^1 + 22^2$	$= 34 + 71 + 71 + 201 + 222$	$599 := 4^1 + 4^4 + 7^2 + 17^2 + 27^0$	$= 41 + 44 + 72 + 172 + 270$
$599 := 3^4 + 7^1 + 8^1 + 19^1 + 22^2$	$= 34 + 71 + 81 + 191 + 222$	$599 := 4^1 + 5^3 + 15^2 + 15^2 + 20^1$	$= 41 + 53 + 152 + 152 + 201$
$599 := 3^4 + 7^1 + 9^1 + 18^1 + 22^2$	$= 34 + 71 + 91 + 181 + 222$	$599 := 4^1 + 6^3 + 10^2 + 16^2 + 23^1$	$= 41 + 63 + 102 + 162 + 231$
$599 := 3^4 + 8^1 + 10^1 + 16^1 + 22^2$	$= 34 + 81 + 101 + 161 + 222$	$599 := 4^1 + 7^3 + 9^2 + 12^2 + 27^1$	$= 41 + 73 + 92 + 122 + 271$
$599 := 3^4 + 8^1 + 11^1 + 15^1 + 22^2$	$= 34 + 81 + 111 + 151 + 222$	$599 := 4^2 + 10^2 + 12^2 + 15^1 + 18^2$	$= 42 + 102 + 122 + 151 + 182$
$599 := 3^4 + 8^1 + 12^1 + 14^1 + 22^2$	$= 34 + 81 + 121 + 141 + 222$	$599 := 4^2 + 12^2 + 13^2 + 14^1 + 16^2$	$= 42 + 122 + 132 + 141 + 162$
$599 := 3^4 + 8^1 + 13^1 + 13^1 + 22^2$	$= 34 + 81 + 131 + 131 + 222$	$599 := 4^2 + 4^2 + 15^2 + 18^1 + 18^2$	$= 42 + 42 + 152 + 181 + 182$
$599 := 3^4 + 8^1 + 8^1 + 18^1 + 22^2$	$= 34 + 81 + 81 + 181 + 222$	$599 := 4^2 + 4^2 + 5^3 + 21^2 + 25^0$	$= 42 + 42 + 53 + 212 + 250$
$599 := 3^4 + 8^1 + 9^1 + 17^1 + 22^2$	$= 34 + 81 + 91 + 171 + 222$	$599 := 4^2 + 6^2 + 13^2 + 17^1 + 19^2$	$= 42 + 62 + 132 + 171 + 192$
$599 := 3^4 + 8^2 + 12^1 + 15^0 + 21^2$	$= 34 + 82 + 121 + 150 + 212$	$599 := 4^2 + 6^3 + 7^3 + 19^0 + 23^1$	$= 42 + 63 + 73 + 190 + 231$
$599 := 3^4 + 9^0 + 10^2 + 17^1 + 20^2$	$= 34 + 90 + 102 + 171 + 202$	$599 := 4^3 + 10^1 + 13^1 + 16^2 + 16^2$	$= 43 + 101 + 131 + 162 + 162$
$599 := 3^4 + 9^1 + 10^1 + 15^1 + 22^2$	$= 34 + 91 + 101 + 151 + 222$	$599 := 4^3 + 11^1 + 12^1 + 16^2 + 16^2$	$= 43 + 111 + 121 + 162 + 162$
$599 := 3^4 + 9^1 + 11^1 + 14^1 + 22^2$	$= 34 + 91 + 111 + 141 + 222$	$599 := 4^3 + 13^2 + 13^2 + 14^2 + 15^0$	$= 43 + 132 + 132 + 142 + 150$
$599 := 3^4 + 9^1 + 12^1 + 13^1 + 22^2$	$= 34 + 91 + 121 + 131 + 222$	$599 := 4^3 + 5^1 + 16^2 + 16^2 + 18^1$	$= 43 + 51 + 162 + 162 + 181$
$599 := 3^4 + 9^1 + 9^1 + 16^1 + 22^2$	$= 34 + 91 + 91 + 161 + 222$	$599 := 4^3 + 5^2 + 5^2 + 22^2 + 23^0$	$= 43 + 52 + 52 + 222 + 230$
$599 := 3^5 + 4^1 + 7^0 + 18^2 + 27^1$	$= 35 + 41 + 70 + 182 + 271$	$599 := 4^3 + 5^3 + 9^1 + 20^2 + 21^0$	$= 43 + 53 + 91 + 202 + 210$
$599 := 3^5 + 5^1 + 7^0 + 18^2 + 26^1$	$= 35 + 51 + 70 + 182 + 261$	$599 := 4^3 + 6^1 + 16^2 + 16^2 + 17^1$	$= 43 + 61 + 162 + 162 + 171$
$599 := 3^5 + 6^1 + 7^0 + 18^2 + 25^1$	$= 35 + 61 + 70 + 182 + 251$	$599 := 4^3 + 7^1 + 16^1 + 16^2 + 16^2$	$= 43 + 71 + 161 + 162 + 162$
$599 := 3^5 + 7^0 + 10^1 + 18^2 + 21^1$	$= 35 + 70 + 101 + 182 + 211$	$599 := 4^3 + 7^2 + 14^2 + 17^0 + 17^2$	$= 43 + 72 + 142 + 170 + 172$
$599 := 3^5 + 7^0 + 11^1 + 18^2 + 20^1$	$= 35 + 70 + 111 + 182 + 201$	$599 := 4^3 + 7^3 + 13^0 + 13^2 + 22^1$	$= 43 + 73 + 130 + 132 + 221$

$599 := 4^3 + 8^1 + 15^1 + 16^2 + 16^2 = 43 + 81 + 151 + 162 + 162$	$599 := 6^2 + 6^2 + 15^1 + 16^2 + 16^2 = 62 + 62 + 151 + 162 + 162$
$599 := 4^3 + 9^1 + 14^1 + 16^2 + 16^2 = 43 + 91 + 141 + 162 + 162$	$599 := 6^2 + 6^3 + 11^2 + 15^2 + 21^0 = 62 + 63 + 112 + 152 + 210$
$599 := 4^4 + 10^2 + 13^0 + 15^2 + 17^1 = 44 + 102 + 130 + 152 + 171$	$599 := 6^2 + 8^2 + 14^1 + 14^2 + 17^2 = 62 + 82 + 141 + 142 + 172$
$599 := 4^4 + 5^0 + 11^2 + 14^2 + 25^1 = 44 + 50 + 112 + 142 + 251$	$599 := 6^2 + 9^2 + 12^2 + 14^1 + 18^2 = 62 + 92 + 122 + 141 + 182$
$599 := 4^4 + 5^1 + 9^2 + 16^2 + 25^0 = 44 + 51 + 92 + 162 + 250$	$599 := 6^3 + 10^1 + 10^2 + 16^2 + 17^1 = 63 + 101 + 102 + 162 + 171$
$599 := 4^4 + 6^2 + 15^0 + 17^1 + 17^2 = 44 + 62 + 150 + 171 + 172$	$599 := 6^3 + 10^2 + 11^1 + 16^1 + 16^2 = 63 + 102 + 111 + 161 + 162$
$599 := 4^4 + 8^2 + 9^0 + 16^2 + 22^1 = 44 + 82 + 90 + 162 + 221$	$599 := 6^3 + 10^2 + 12^1 + 15^1 + 16^2 = 63 + 102 + 121 + 151 + 162$
$599 := 5^1 + 5^3 + 15^2 + 15^2 + 19^1 = 51 + 53 + 152 + 152 + 191$	$599 := 6^3 + 10^2 + 13^1 + 14^1 + 16^2 = 63 + 102 + 131 + 141 + 162$
$599 := 5^1 + 6^3 + 10^2 + 16^2 + 22^1 = 51 + 63 + 102 + 162 + 221$	$599 := 6^3 + 6^3 + 12^2 + 13^0 + 22^1 = 63 + 63 + 122 + 130 + 221$
$599 := 5^1 + 7^3 + 9^2 + 12^2 + 26^1 = 51 + 73 + 92 + 122 + 261$	$599 := 6^3 + 7^1 + 10^2 + 16^2 + 20^1 = 63 + 71 + 102 + 162 + 201$
$599 := 5^2 + 13^1 + 13^2 + 14^2 + 14^2 = 52 + 131 + 132 + 142 + 142$	$599 := 6^3 + 8^1 + 10^2 + 16^2 + 19^1 = 63 + 81 + 102 + 162 + 191$
$599 := 5^2 + 6^2 + 11^2 + 17^1 + 20^2 = 52 + 62 + 112 + 171 + 202$	$599 := 6^3 + 9^1 + 10^2 + 16^2 + 18^1 = 63 + 91 + 102 + 162 + 181$
$599 := 5^2 + 6^3 + 7^3 + 14^1 + 27^0 = 52 + 63 + 73 + 141 + 270$	$599 := 7^1 + 7^3 + 9^2 + 12^2 + 24^1 = 71 + 73 + 92 + 122 + 241$
$599 := 5^3 + 10^1 + 14^1 + 15^2 + 15^2 = 53 + 101 + 141 + 152 + 152$	$599 := 7^2 + 12^1 + 12^2 + 13^2 + 15^2 = 72 + 121 + 122 + 132 + 152$
$599 := 5^3 + 11^1 + 13^1 + 15^2 + 15^2 = 53 + 111 + 131 + 152 + 152$	$599 := 7^3 + 8^1 + 9^2 + 12^2 + 23^1 = 73 + 81 + 92 + 122 + 231$
$599 := 5^3 + 12^1 + 12^1 + 15^2 + 15^2 = 53 + 121 + 121 + 152 + 152$	$599 := 7^3 + 9^1 + 9^2 + 12^2 + 22^1 = 73 + 91 + 92 + 122 + 221$
$599 := 5^3 + 5^3 + 7^0 + 18^2 + 24^1 = 53 + 53 + 70 + 182 + 241$	$599 := 7^3 + 9^2 + 10^1 + 12^2 + 21^1 = 73 + 92 + 101 + 122 + 211$
$599 := 5^3 + 6^1 + 15^2 + 15^2 + 18^1 = 53 + 61 + 152 + 152 + 181$	$599 := 7^3 + 9^2 + 11^1 + 12^2 + 20^1 = 73 + 92 + 111 + 122 + 201$
$599 := 5^3 + 7^1 + 15^2 + 15^2 + 17^1 = 53 + 71 + 152 + 152 + 171$	$599 := 7^3 + 9^2 + 12^1 + 12^2 + 19^1 = 73 + 92 + 121 + 122 + 191$
$599 := 5^3 + 7^2 + 10^2 + 18^2 + 19^0 = 53 + 72 + 102 + 182 + 190$	$599 := 7^3 + 9^2 + 12^2 + 13^1 + 18^1 = 73 + 92 + 122 + 131 + 181$
$599 := 5^3 + 7^3 + 9^1 + 11^2 + 27^0 = 53 + 73 + 91 + 112 + 270$	$599 := 7^3 + 9^2 + 12^2 + 14^1 + 17^1 = 73 + 92 + 122 + 141 + 171$
$599 := 5^3 + 8^1 + 15^2 + 15^2 + 16^1 = 53 + 81 + 152 + 152 + 161$	$599 := 7^3 + 9^2 + 12^2 + 15^1 + 16^1 = 73 + 92 + 122 + 151 + 161$
$599 := 5^3 + 9^1 + 15^1 + 15^2 + 15^2 = 53 + 91 + 151 + 152 + 152$	$599 := 8^2 + 8^2 + 13^1 + 13^2 + 17^2 = 82 + 82 + 131 + 132 + 172$
$599 := 5^3 + 9^2 + 14^2 + 14^2 + 17^0 = 53 + 92 + 142 + 142 + 170$	$599 := 9^2 + 11^1 + 13^2 + 13^2 + 13^2 = 92 + 111 + 132 + 132 + 132$
$599 := 6^1 + 6^3 + 10^2 + 16^2 + 21^1 = 61 + 63 + 102 + 162 + 211$	$599 := 9^2 + 9^2 + 10^2 + 13^1 + 18^2 = 92 + 92 + 102 + 131 + 182$
$599 := 6^1 + 7^3 + 9^2 + 12^2 + 25^1 = 61 + 73 + 92 + 122 + 251$	$599 := 9^2 + 9^2 + 12^1 + 13^2 + 16^2 = 92 + 92 + 121 + 132 + 162$
$599 := 6^2 + 10^2 + 13^1 + 15^2 + 15^2 = 62 + 102 + 131 + 152 + 152$	

2.2.501 Number 600

$600 := 1^7 + 12^0 + 22^1 + 24^2 = 17 + 120 + 221 + 242$	$600 := 1^3 + 2^4 + 6^1 + 24^2 + 26^0 = 13 + 24 + 61 + 242 + 260$
$600 := 2^6 + 8^3 + 23^1 + 26^0 = 26 + 83 + 231 + 260$	$600 := 1^3 + 4^3 + 8^3 + 22^1 + 24^0 = 13 + 43 + 83 + 221 + 240$
$600 := 2^7 + 6^0 + 21^2 + 30^1 = 27 + 60 + 212 + 301$	$600 := 1^3 + 4^4 + 18^0 + 18^1 + 18^2 = 13 + 44 + 180 + 181 + 182$
$600 := 1^0 + 1^7 + 12^0 + 21^1 + 24^2 = 10 + 17 + 120 + 211 + 242$	$600 := 1^4 + 2^3 + 14^1 + 18^0 + 24^2 = 14 + 23 + 141 + 180 + 242$
$600 := 1^0 + 2^6 + 8^3 + 22^1 + 26^0 = 10 + 26 + 83 + 221 + 260$	$600 := 1^4 + 4^3 + 5^1 + 23^2 + 26^0 = 14 + 43 + 51 + 232 + 260$
$600 := 1^1 + 1^6 + 12^0 + 21^1 + 24^2 = 11 + 16 + 120 + 211 + 242$	$600 := 1^4 + 6^2 + 11^2 + 20^0 + 21^2 = 14 + 62 + 112 + 200 + 212$
$600 := 1^2 + 1^5 + 12^0 + 21^1 + 24^2 = 12 + 15 + 120 + 211 + 242$	$600 := 1^4 + 6^3 + 12^0 + 19^2 + 21^1 = 14 + 63 + 120 + 192 + 211$
$600 := 1^3 + 1^4 + 12^0 + 21^1 + 24^2 = 13 + 14 + 120 + 211 + 242$	$600 := 1^4 + 7^2 + 15^2 + 18^0 + 18^2 = 14 + 72 + 152 + 180 + 182$

$$\begin{aligned}
 600 &:= 1^4 + 8^2 + 8^3 + 20^0 + 22^1 = 14 + 82 + 83 + 200 + 221 & 600 &:= 2^3 + 3^4 + 6^0 + 22^2 + 26^1 = 23 + 34 + 60 + 222 + 261 \\
 600 &:= 1^5 + 10^2 + 12^0 + 14^1 + 22^2 = 15 + 102 + 120 + 141 + 222 & 600 &:= 2^3 + 4^4 + 11^1 + 18^2 + 24^0 = 23 + 44 + 111 + 182 + 240 \\
 600 &:= 1^5 + 12^0 + 12^1 + 15^2 + 19^2 = 15 + 120 + 121 + 152 + 192 & 600 &:= 2^3 + 5^2 + 5^3 + 21^2 + 26^0 = 23 + 52 + 53 + 212 + 260 \\
 600 &:= 1^5 + 12^0 + 12^2 + 13^1 + 21^2 = 15 + 120 + 122 + 131 + 212 & 600 &:= 2^4 + 3^3 + 4^0 + 23^2 + 27^1 = 24 + 33 + 40 + 232 + 271 \\
 600 &:= 1^5 + 2^1 + 14^2 + 20^2 + 22^0 = 15 + 21 + 142 + 202 + 220 & 600 &:= 2^4 + 5^3 + 14^0 + 17^1 + 21^2 = 24 + 53 + 140 + 171 + 212 \\
 600 &:= 1^5 + 2^2 + 14^0 + 18^1 + 24^2 = 15 + 22 + 140 + 181 + 242 & 600 &:= 2^4 + 6^1 + 6^3 + 19^2 + 26^0 = 24 + 61 + 63 + 192 + 260 \\
 600 &:= 1^5 + 3^2 + 13^1 + 18^0 + 24^2 = 15 + 32 + 131 + 180 + 242 & 600 &:= 2^4 + 7^2 + 8^3 + 20^0 + 22^1 = 24 + 72 + 83 + 200 + 221 \\
 600 &:= 1^5 + 4^0 + 17^2 + 17^2 + 20^1 = 15 + 40 + 172 + 172 + 201 & 600 &:= 2^4 + 7^3 + 15^1 + 15^2 + 20^0 = 24 + 73 + 151 + 152 + 200 \\
 600 &:= 1^5 + 4^2 + 6^1 + 24^0 + 24^2 = 15 + 42 + 61 + 240 + 242 & 600 &:= 2^5 + 10^1 + 14^0 + 14^2 + 19^2 = 25 + 101 + 140 + 142 + 192 \\
 600 &:= 1^5 + 5^1 + 8^2 + 22^0 + 23^2 = 15 + 51 + 82 + 220 + 232 & 600 &:= 2^5 + 4^0 + 5^3 + 21^2 + 27^0 = 25 + 40 + 53 + 212 + 270 \\
 600 &:= 1^5 + 6^0 + 16^2 + 18^1 + 18^2 = 15 + 60 + 162 + 181 + 182 & 600 &:= 2^5 + 4^2 + 8^0 + 22^1 + 23^2 = 25 + 42 + 80 + 221 + 232 \\
 600 &:= 1^5 + 7^2 + 8^0 + 20^1 + 23^2 = 15 + 72 + 80 + 201 + 232 & 600 &:= 2^5 + 5^0 + 5^3 + 21^2 + 26^0 = 25 + 50 + 53 + 212 + 260 \\
 600 &:= 1^6 + 10^1 + 12^0 + 12^1 + 24^2 = 16 + 101 + 120 + 121 + 242 & 600 &:= 2^5 + 5^1 + 11^2 + 20^0 + 21^2 = 25 + 51 + 112 + 200 + 212 \\
 600 &:= 1^6 + 11^1 + 11^1 + 12^0 + 24^2 = 16 + 111 + 111 + 120 + 242 & 600 &:= 2^5 + 5^2 + 13^1 + 16^0 + 23^2 = 25 + 52 + 131 + 160 + 232 \\
 600 &:= 1^6 + 2^1 + 12^0 + 20^1 + 24^2 = 16 + 21 + 120 + 201 + 242 & 600 &:= 2^5 + 5^3 + 10^0 + 21^0 + 21^2 = 25 + 53 + 100 + 210 + 212 \\
 600 &:= 1^6 + 3^1 + 12^0 + 19^1 + 24^2 = 16 + 31 + 120 + 191 + 242 & 600 &:= 2^5 + 5^3 + 11^0 + 20^0 + 21^2 = 25 + 53 + 110 + 200 + 212 \\
 600 &:= 1^6 + 4^1 + 12^0 + 18^1 + 24^2 = 16 + 41 + 120 + 181 + 242 & 600 &:= 2^5 + 5^3 + 12^0 + 19^0 + 21^2 = 25 + 53 + 120 + 190 + 212 \\
 600 &:= 1^6 + 5^1 + 12^0 + 17^1 + 24^2 = 16 + 51 + 120 + 171 + 242 & 600 &:= 2^5 + 5^3 + 13^0 + 18^0 + 21^2 = 25 + 53 + 130 + 180 + 212 \\
 600 &:= 1^6 + 6^1 + 12^0 + 16^1 + 24^2 = 16 + 61 + 120 + 161 + 242 & 600 &:= 2^5 + 5^3 + 14^0 + 17^0 + 21^2 = 25 + 53 + 140 + 170 + 212 \\
 600 &:= 1^6 + 7^1 + 12^0 + 15^1 + 24^2 = 16 + 71 + 120 + 151 + 242 & 600 &:= 2^5 + 5^3 + 15^0 + 16^0 + 21^2 = 25 + 53 + 150 + 160 + 212 \\
 600 &:= 1^6 + 8^1 + 12^0 + 14^1 + 24^2 = 16 + 81 + 120 + 141 + 242 & 600 &:= 2^5 + 5^3 + 6^0 + 21^2 + 25^0 = 25 + 53 + 60 + 212 + 250 \\
 600 &:= 1^6 + 9^1 + 12^0 + 13^1 + 24^2 = 16 + 91 + 120 + 131 + 242 & 600 &:= 2^5 + 5^3 + 7^0 + 21^2 + 24^0 = 25 + 53 + 70 + 212 + 240 \\
 600 &:= 1^7 + 2^0 + 11^0 + 21^1 + 24^2 = 17 + 20 + 110 + 211 + 242 & 600 &:= 2^5 + 5^3 + 8^0 + 21^2 + 23^0 = 25 + 53 + 80 + 212 + 230 \\
 600 &:= 1^7 + 3^0 + 10^0 + 21^1 + 24^2 = 17 + 30 + 100 + 211 + 242 & 600 &:= 2^5 + 5^3 + 9^0 + 21^2 + 22^0 = 25 + 53 + 90 + 212 + 220 \\
 600 &:= 1^7 + 4^0 + 9^0 + 21^1 + 24^2 = 17 + 40 + 90 + 211 + 242 & 600 &:= 2^5 + 6^0 + 15^2 + 18^1 + 18^2 = 25 + 60 + 152 + 181 + 182 \\
 600 &:= 1^7 + 5^0 + 8^0 + 21^1 + 24^2 = 17 + 50 + 80 + 211 + 242 & 600 &:= 2^5 + 8^0 + 8^2 + 19^1 + 22^2 = 25 + 80 + 82 + 191 + 222 \\
 600 &:= 1^7 + 6^0 + 7^0 + 21^1 + 24^2 = 17 + 60 + 70 + 211 + 242 & 600 &:= 2^6 + 3^0 + 8^3 + 22^1 + 24^0 = 26 + 30 + 83 + 221 + 240 \\
 600 &:= 1^8 + 1^9 + 11^0 + 21^1 + 24^2 = 18 + 19 + 110 + 211 + 242 & 600 &:= 2^6 + 4^0 + 8^3 + 22^1 + 23^0 = 26 + 40 + 83 + 221 + 230 \\
 600 &:= 1^8 + 2^7 + 11^2 + 18^2 + 26^1 = 18 + 27 + 112 + 182 + 261 & 600 &:= 2^6 + 5^0 + 8^3 + 22^0 + 22^1 = 26 + 50 + 83 + 220 + 221 \\
 600 &:= 1^8 + 2^9 + 8^2 + 22^1 + 25^0 = 18 + 29 + 82 + 221 + 250 & 600 &:= 2^6 + 6^0 + 8^3 + 21^0 + 22^1 = 26 + 60 + 83 + 210 + 221 \\
 600 &:= 1^9 + 2^6 + 16^2 + 16^2 + 23^1 = 19 + 26 + 162 + 162 + 231 & 600 &:= 2^6 + 7^0 + 8^3 + 20^0 + 22^1 = 26 + 70 + 83 + 200 + 221 \\
 600 &:= 1^9 + 2^8 + 18^1 + 18^2 + 19^0 = 19 + 28 + 181 + 182 + 190 & 600 &:= 2^6 + 8^0 + 8^3 + 19^0 + 22^1 = 26 + 80 + 83 + 190 + 221 \\
 600 &:= 2^0 + 2^5 + 12^2 + 20^2 + 23^1 = 20 + 25 + 122 + 202 + 231 & 600 &:= 2^6 + 8^3 + 10^0 + 17^0 + 22^1 = 26 + 83 + 100 + 170 + 221 \\
 600 &:= 2^0 + 2^5 + 16^2 + 17^2 + 22^1 = 20 + 25 + 162 + 172 + 221 & 600 &:= 2^6 + 8^3 + 11^0 + 16^0 + 22^1 = 26 + 83 + 110 + 160 + 221 \\
 600 &:= 2^0 + 2^6 + 8^3 + 22^1 + 25^0 = 20 + 26 + 83 + 221 + 250 & 600 &:= 2^6 + 8^3 + 12^0 + 15^0 + 22^1 = 26 + 83 + 120 + 150 + 221 \\
 600 &:= 2^1 + 2^5 + 6^2 + 23^2 + 26^0 = 21 + 25 + 62 + 232 + 260 & 600 &:= 2^6 + 8^3 + 13^0 + 14^0 + 22^1 = 26 + 83 + 130 + 140 + 221 \\
 600 &:= 2^1 + 2^5 + 9^2 + 22^2 + 24^0 = 21 + 25 + 92 + 222 + 240 & 600 &:= 2^6 + 8^3 + 9^0 + 18^0 + 22^1 = 26 + 83 + 90 + 180 + 221 \\
 600 &:= 2^2 + 3^4 + 15^2 + 17^2 + 22^0 = 22 + 34 + 152 + 172 + 220 & 600 &:= 2^8 + 2^8 + 4^3 + 23^1 + 27^0 = 28 + 28 + 43 + 231 + 270
 \end{aligned}$$

$$\begin{aligned}
 600 &:= 3^2 + 3^4 + 5^2 + 22^2 + 26^0 = 32 + 34 + 52 + 222 + 260 \\
 600 &:= 3^2 + 3^5 + 12^0 + 18^2 + 23^1 = 32 + 35 + 120 + 182 + 231 \\
 600 &:= 3^3 + 3^3 + 16^2 + 17^2 + 20^0 = 33 + 33 + 162 + 172 + 200 \\
 600 &:= 3^3 + 3^3 + 4^2 + 23^2 + 26^0 = 33 + 33 + 42 + 232 + 260 \\
 600 &:= 3^3 + 3^4 + 7^1 + 22^2 + 24^0 = 33 + 34 + 71 + 222 + 240 \\
 600 &:= 3^3 + 3^4 + 8^0 + 17^2 + 27^1 = 33 + 44 + 80 + 172 + 271 \\
 600 &:= 3^3 + 6^3 + 10^2 + 16^2 + 24^0 = 33 + 63 + 102 + 162 + 240 \\
 600 &:= 3^4 + 4^3 + 13^1 + 18^0 + 21^2 = 34 + 43 + 131 + 180 + 212 \\
 600 &:= 3^4 + 5^2 + 13^2 + 18^2 + 20^0 = 34 + 52 + 132 + 182 + 200 \\
 600 &:= 3^4 + 6^2 + 11^2 + 19^2 + 20^0 = 34 + 62 + 112 + 192 + 200 \\
 600 &:= 3^4 + 6^3 + 13^1 + 17^2 + 20^0 = 34 + 63 + 131 + 172 + 200 \\
 600 &:= 3^5 + 10^1 + 11^2 + 15^2 + 20^0 = 35 + 101 + 112 + 152 + 200 \\
 600 &:= 3^5 + 12^0 + 13^2 + 13^2 + 18^1 = 35 + 120 + 132 + 132 + 181
 \end{aligned}$$

$$\begin{aligned}
 600 &:= 3^5 + 12^2 + 14^0 + 14^2 + 16^1 = 35 + 122 + 140 + 142 + 161 \\
 600 &:= 3^5 + 4^2 + 16^1 + 18^0 + 18^2 = 35 + 42 + 161 + 180 + 182 \\
 600 &:= 3^5 + 5^2 + 7^1 + 18^2 + 26^0 = 35 + 52 + 71 + 182 + 260 \\
 600 &:= 3^5 + 7^2 + 14^0 + 17^2 + 18^1 = 35 + 72 + 140 + 172 + 181 \\
 600 &:= 3^5 + 9^2 + 12^0 + 16^2 + 19^1 = 35 + 92 + 120 + 162 + 191 \\
 600 &:= 4^3 + 4^4 + 12^0 + 16^2 + 23^1 = 43 + 44 + 120 + 162 + 231 \\
 600 &:= 4^3 + 5^3 + 11^2 + 17^2 + 22^0 = 43 + 53 + 112 + 172 + 220 \\
 600 &:= 4^3 + 5^3 + 7^2 + 19^2 + 24^0 = 43 + 53 + 72 + 192 + 240 \\
 600 &:= 4^4 + 5^3 + 14^0 + 14^2 + 22^1 = 44 + 53 + 140 + 142 + 221 \\
 600 &:= 4^4 + 6^3 + 10^2 + 12^0 + 27^1 = 44 + 63 + 102 + 120 + 271 \\
 600 &:= 5^2 + 5^3 + 5^3 + 18^2 + 26^0 = 52 + 53 + 53 + 182 + 260
 \end{aligned}$$

2.2.502 Number 601

$$\begin{aligned}
 601 &:= 1^0 + 2^8 + 7^3 + 49^0 = 10 + 28 + 73 + 490 \\
 601 &:= 1^4 + 4^4 + 7^3 + 47^0 = 14 + 44 + 73 + 470 \\
 601 &:= 1^6 + 7^3 + 16^2 + 35^0 = 16 + 73 + 162 + 350 \\
 601 &:= 1^8 + 11^0 + 23^1 + 24^2 = 18 + 110 + 231 + 242 \\
 601 &:= 2^0 + 2^8 + 7^3 + 48^0 = 20 + 28 + 73 + 480 \\
 601 &:= 2^3 + 2^5 + 23^2 + 32^1 = 23 + 25 + 232 + 321 \\
 601 &:= 2^4 + 3^3 + 8^3 + 46^1 = 24 + 33 + 83 + 461 \\
 601 &:= 2^6 + 16^2 + 16^2 + 25^1 = 26 + 162 + 162 + 251 \\
 601 &:= 2^8 + 18^2 + 19^0 + 20^1 = 28 + 182 + 190 + 201 \\
 601 &:= 2^8 + 3^0 + 7^3 + 47^0 = 28 + 30 + 73 + 470 \\
 601 &:= 2^8 + 4^0 + 7^3 + 46^0 = 28 + 40 + 73 + 460 \\
 601 &:= 2^8 + 5^0 + 7^3 + 45^0 = 28 + 50 + 73 + 450 \\
 601 &:= 2^8 + 6^0 + 7^3 + 44^0 = 28 + 60 + 73 + 440 \\
 601 &:= 2^8 + 7^0 + 7^3 + 43^0 = 28 + 70 + 73 + 430 \\
 601 &:= 2^8 + 7^3 + 10^0 + 40^0 = 28 + 73 + 100 + 400 \\
 601 &:= 2^8 + 7^3 + 11^0 + 39^0 = 28 + 73 + 110 + 390 \\
 601 &:= 2^8 + 7^3 + 12^0 + 38^0 = 28 + 73 + 120 + 380 \\
 601 &:= 2^8 + 7^3 + 13^0 + 37^0 = 28 + 73 + 130 + 370 \\
 601 &:= 2^8 + 7^3 + 14^0 + 36^0 = 28 + 73 + 140 + 360 \\
 601 &:= 2^8 + 7^3 + 15^0 + 35^0 = 28 + 73 + 150 + 350 \\
 601 &:= 2^8 + 7^3 + 16^0 + 34^0 = 28 + 73 + 160 + 340 \\
 601 &:= 2^8 + 7^3 + 17^0 + 33^0 = 28 + 73 + 170 + 330 \\
 601 &:= 2^8 + 7^3 + 18^0 + 32^0 = 28 + 73 + 180 + 320
 \end{aligned}$$

$$\begin{aligned}
 601 &:= 2^8 + 7^3 + 19^0 + 31^0 = 28 + 73 + 190 + 310 \\
 601 &:= 2^8 + 7^3 + 20^0 + 30^0 = 28 + 73 + 200 + 300 \\
 601 &:= 2^8 + 7^3 + 21^0 + 29^0 = 28 + 73 + 210 + 290 \\
 601 &:= 2^8 + 7^3 + 22^0 + 28^0 = 28 + 73 + 220 + 280 \\
 601 &:= 2^8 + 7^3 + 23^0 + 27^0 = 28 + 73 + 230 + 270 \\
 601 &:= 2^8 + 7^3 + 24^0 + 26^0 = 28 + 73 + 240 + 260 \\
 601 &:= 2^8 + 7^3 + 25^0 + 25^0 = 28 + 73 + 250 + 250 \\
 601 &:= 2^8 + 7^3 + 8^0 + 42^0 = 28 + 73 + 80 + 420 \\
 601 &:= 2^8 + 7^3 + 9^0 + 41^0 = 28 + 73 + 90 + 410 \\
 601 &:= 3^5 + 5^3 + 14^2 + 37^1 = 35 + 53 + 142 + 371 \\
 601 &:= 1^0 + 1^8 + 11^0 + 22^1 + 24^2 = 10 + 18 + 110 + 221 + 242 \\
 601 &:= 1^0 + 2^6 + 16^2 + 16^2 + 24^1 = 10 + 26 + 162 + 162 + 241 \\
 601 &:= 1^0 + 2^8 + 18^2 + 19^0 + 19^1 = 10 + 28 + 182 + 190 + 191 \\
 601 &:= 1^1 + 1^7 + 11^0 + 22^1 + 24^2 = 11 + 17 + 110 + 221 + 242 \\
 601 &:= 1^1 + 2^5 + 12^2 + 20^2 + 24^1 = 11 + 25 + 122 + 202 + 241 \\
 601 &:= 1^1 + 2^5 + 16^2 + 17^2 + 23^1 = 11 + 25 + 162 + 172 + 231 \\
 601 &:= 1^1 + 2^6 + 8^3 + 23^1 + 25^0 = 11 + 26 + 83 + 231 + 250 \\
 601 &:= 1^2 + 1^6 + 11^0 + 22^1 + 24^2 = 12 + 16 + 110 + 221 + 242 \\
 601 &:= 1^2 + 2^6 + 6^1 + 23^2 + 27^0 = 12 + 26 + 61 + 232 + 270 \\
 601 &:= 1^3 + 1^5 + 11^0 + 22^1 + 24^2 = 13 + 15 + 110 + 221 + 242 \\
 601 &:= 1^3 + 2^3 + 13^2 + 20^2 + 23^1 = 13 + 23 + 132 + 202 + 231 \\
 601 &:= 1^3 + 2^3 + 6^2 + 23^2 + 27^1 = 13 + 23 + 62 + 232 + 271 \\
 601 &:= 1^3 + 3^3 + 8^2 + 22^2 + 25^1 = 13 + 33 + 82 + 222 + 251
 \end{aligned}$$

$$\begin{aligned} 601 &:= 1^3 + 4^3 + 15^2 + 17^2 + 22^1 = 13 + 43 + 152 + 172 + 221 \\ 601 &:= 1^3 + 4^3 + 5^2 + 22^2 + 27^1 = 13 + 43 + 52 + 222 + 271 \\ 601 &:= 1^3 + 5^3 + 14^2 + 16^2 + 23^1 = 13 + 53 + 142 + 162 + 231 \\ 601 &:= 1^3 + 5^3 + 7^2 + 20^2 + 26^1 = 13 + 53 + 72 + 202 + 261 \\ 601 &:= 1^4 + 1^4 + 11^0 + 22^1 + 24^2 = 14 + 14 + 110 + 221 + 242 \\ 601 &:= 1^4 + 10^2 + 11^2 + 18^1 + 19^2 = 14 + 102 + 112 + 181 + 192 \\ 601 &:= 1^4 + 2^4 + 7^1 + 24^2 + 25^0 = 14 + 24 + 71 + 242 + 250 \\ 601 &:= 1^4 + 3^2 + 13^2 + 20^2 + 22^1 = 14 + 32 + 132 + 202 + 221 \\ 601 &:= 1^4 + 3^2 + 6^2 + 23^2 + 26^1 = 14 + 32 + 62 + 232 + 261 \\ 601 &:= 1^4 + 4^2 + 11^2 + 21^2 + 22^1 = 14 + 42 + 112 + 212 + 221 \\ 601 &:= 1^4 + 4^3 + 8^3 + 23^0 + 23^1 = 14 + 43 + 83 + 230 + 231 \\ 601 &:= 1^4 + 4^4 + 17^0 + 18^2 + 19^1 = 14 + 44 + 170 + 182 + 191 \\ 601 &:= 1^4 + 6^2 + 12^2 + 20^1 + 20^2 = 14 + 62 + 122 + 201 + 202 \\ 601 &:= 1^4 + 6^2 + 16^2 + 17^2 + 19^1 = 14 + 62 + 162 + 172 + 191 \\ 601 &:= 1^4 + 9^2 + 10^2 + 19^1 + 20^2 = 14 + 92 + 102 + 191 + 202 \\ 601 &:= 1^5 + 2^3 + 15^1 + 17^0 + 24^2 = 15 + 23 + 151 + 170 + 242 \\ 601 &:= 1^5 + 4^3 + 6^1 + 23^2 + 25^0 = 15 + 43 + 61 + 232 + 250 \\ 601 &:= 1^5 + 6^3 + 11^0 + 19^2 + 22^1 = 15 + 63 + 110 + 192 + 221 \\ 601 &:= 1^5 + 8^2 + 8^3 + 19^0 + 23^1 = 15 + 82 + 83 + 190 + 231 \\ 601 &:= 1^6 + 10^2 + 11^0 + 15^1 + 22^2 = 16 + 102 + 110 + 151 + 222 \\ 601 &:= 1^6 + 11^0 + 12^2 + 14^1 + 21^2 = 16 + 110 + 122 + 141 + 212 \\ 601 &:= 1^6 + 11^0 + 13^1 + 15^2 + 19^2 = 16 + 110 + 131 + 152 + 192 \\ 601 &:= 1^6 + 2^2 + 13^0 + 19^1 + 24^2 = 16 + 22 + 130 + 191 + 242 \\ 601 &:= 1^6 + 3^0 + 17^2 + 17^2 + 21^1 = 16 + 30 + 172 + 172 + 211 \\ 601 &:= 1^6 + 3^1 + 14^2 + 20^2 + 21^0 = 16 + 31 + 142 + 202 + 210 \\ 601 &:= 1^6 + 3^2 + 14^1 + 17^0 + 24^2 = 16 + 32 + 141 + 170 + 242 \\ 601 &:= 1^6 + 4^2 + 7^1 + 23^0 + 24^2 = 16 + 42 + 71 + 230 + 242 \\ 601 &:= 1^6 + 5^0 + 16^2 + 18^2 + 19^1 = 16 + 50 + 162 + 182 + 191 \\ 601 &:= 1^6 + 6^1 + 8^2 + 21^0 + 23^2 = 16 + 61 + 82 + 210 + 232 \\ 601 &:= 1^6 + 7^0 + 7^2 + 21^1 + 23^2 = 16 + 70 + 72 + 211 + 232 \\ 601 &:= 1^7 + 10^1 + 11^0 + 13^1 + 24^2 = 17 + 101 + 110 + 131 + 242 \\ 601 &:= 1^7 + 11^0 + 11^1 + 12^1 + 24^2 = 17 + 110 + 111 + 121 + 242 \\ 601 &:= 1^7 + 2^1 + 11^0 + 21^1 + 24^2 = 17 + 21 + 110 + 211 + 242 \\ 601 &:= 1^7 + 3^1 + 11^0 + 20^1 + 24^2 = 17 + 31 + 110 + 201 + 242 \\ 601 &:= 1^7 + 4^1 + 11^0 + 19^1 + 24^2 = 17 + 41 + 110 + 191 + 242 \\ 601 &:= 1^7 + 5^1 + 11^0 + 18^1 + 24^2 = 17 + 51 + 110 + 181 + 242 \\ 601 &:= 1^7 + 6^1 + 11^0 + 17^1 + 24^2 = 17 + 61 + 110 + 171 + 242 \\ 601 &:= 1^7 + 7^1 + 11^0 + 16^1 + 24^2 = 17 + 71 + 110 + 161 + 242 \end{aligned}$$

$$\begin{aligned} 601 &:= 1^7 + 8^1 + 11^0 + 15^1 + 24^2 = 17 + 81 + 110 + 151 + 242 \\ 601 &:= 1^7 + 9^1 + 11^0 + 14^1 + 24^2 = 17 + 91 + 110 + 141 + 242 \\ 601 &:= 1^8 + 2^0 + 10^0 + 22^1 + 24^2 = 18 + 20 + 100 + 221 + 242 \\ 601 &:= 1^8 + 3^0 + 9^0 + 22^1 + 24^2 = 18 + 30 + 90 + 221 + 242 \\ 601 &:= 1^8 + 4^0 + 8^0 + 22^1 + 24^2 = 18 + 40 + 80 + 221 + 242 \\ 601 &:= 1^8 + 5^0 + 7^0 + 22^1 + 24^2 = 18 + 50 + 70 + 221 + 242 \\ 601 &:= 1^8 + 6^0 + 6^0 + 22^1 + 24^2 = 18 + 60 + 60 + 221 + 242 \\ 601 &:= 1^9 + 1^9 + 10^0 + 22^1 + 24^2 = 19 + 19 + 100 + 221 + 242 \\ 601 &:= 1^9 + 2^9 + 8^2 + 23^1 + 24^0 = 19 + 29 + 82 + 231 + 240 \\ 601 &:= 2^0 + 2^8 + 18^0 + 18^2 + 19^1 = 20 + 28 + 180 + 182 + 191 \\ 601 &:= 2^1 + 2^5 + 12^2 + 20^2 + 23^1 = 21 + 25 + 122 + 202 + 231 \\ 601 &:= 2^1 + 2^5 + 16^2 + 17^2 + 22^1 = 21 + 25 + 162 + 172 + 221 \\ 601 &:= 2^1 + 2^6 + 8^3 + 22^1 + 25^0 = 21 + 26 + 83 + 221 + 250 \\ 601 &:= 2^2 + 2^4 + 5^2 + 23^2 + 27^1 = 22 + 24 + 52 + 232 + 271 \\ 601 &:= 2^2 + 3^4 + 13^2 + 18^2 + 23^1 = 22 + 34 + 132 + 182 + 231 \\ 601 &:= 2^2 + 3^4 + 7^2 + 21^2 + 26^1 = 22 + 34 + 72 + 212 + 261 \\ 601 &:= 2^3 + 2^3 + 11^2 + 21^2 + 23^1 = 23 + 23 + 112 + 212 + 231 \\ 601 &:= 2^3 + 3^3 + 12^2 + 20^2 + 22^1 = 23 + 33 + 122 + 202 + 221 \\ 601 &:= 2^3 + 3^3 + 16^2 + 17^2 + 21^1 = 23 + 33 + 162 + 172 + 211 \\ 601 &:= 2^3 + 3^5 + 11^0 + 18^2 + 25^1 = 23 + 35 + 110 + 182 + 251 \\ 601 &:= 2^3 + 4^3 + 8^2 + 21^2 + 24^1 = 23 + 43 + 82 + 212 + 241 \\ 601 &:= 2^3 + 5^3 + 11^2 + 18^2 + 23^1 = 23 + 53 + 112 + 182 + 231 \\ 601 &:= 2^4 + 10^2 + 12^2 + 17^1 + 18^2 = 24 + 102 + 122 + 171 + 182 \\ 601 &:= 2^4 + 12^2 + 13^2 + 16^1 + 16^2 = 24 + 122 + 132 + 161 + 162 \\ 601 &:= 2^4 + 3^3 + 14^2 + 19^2 + 21^0 = 24 + 33 + 142 + 192 + 210 \\ 601 &:= 2^4 + 3^4 + 13^0 + 19^1 + 22^2 = 24 + 34 + 130 + 191 + 222 \\ 601 &:= 2^4 + 4^2 + 15^2 + 18^2 + 20^1 = 24 + 42 + 152 + 182 + 201 \\ 601 &:= 2^4 + 4^3 + 14^2 + 18^2 + 21^0 = 24 + 43 + 142 + 182 + 210 \\ 601 &:= 2^4 + 4^3 + 6^2 + 22^2 + 25^0 = 24 + 43 + 62 + 222 + 250 \\ 601 &:= 2^4 + 6^2 + 13^2 + 19^1 + 19^2 = 24 + 62 + 132 + 191 + 192 \\ 601 &:= 2^4 + 6^3 + 7^3 + 19^0 + 25^1 = 24 + 63 + 73 + 190 + 251 \\ 601 &:= 2^5 + 10^1 + 12^2 + 15^1 + 20^2 = 25 + 101 + 122 + 151 + 202 \\ 601 &:= 2^5 + 10^1 + 14^1 + 16^2 + 17^2 = 25 + 101 + 141 + 162 + 172 \\ 601 &:= 2^5 + 10^2 + 12^2 + 17^0 + 18^2 = 25 + 102 + 122 + 170 + 182 \\ 601 &:= 2^5 + 11^1 + 12^2 + 14^1 + 20^2 = 25 + 111 + 122 + 141 + 202 \\ 601 &:= 2^5 + 11^1 + 13^1 + 16^2 + 17^2 = 25 + 111 + 131 + 162 + 172 \\ 601 &:= 2^5 + 12^1 + 12^1 + 16^2 + 17^2 = 25 + 121 + 121 + 162 + 172 \\ 601 &:= 2^5 + 12^1 + 12^2 + 13^1 + 20^2 = 25 + 121 + 122 + 131 + 202 \end{aligned}$$

$$\begin{aligned} 601 &:= 2^5 + 3^1 + 12^2 + 20^2 + 22^1 = 25 + 31 + 122 + 202 + 221 & 601 &:= 2^6 + 6^2 + 13^0 + 16^1 + 22^2 = 26 + 62 + 130 + 161 + 222 \\ 601 &:= 2^5 + 3^1 + 16^2 + 17^2 + 21^1 = 25 + 31 + 162 + 172 + 211 & 601 &:= 2^6 + 7^1 + 8^3 + 17^1 + 25^0 = 26 + 71 + 83 + 171 + 250 \\ 601 &:= 2^5 + 3^2 + 10^1 + 21^1 + 23^2 = 25 + 32 + 101 + 211 + 232 & 601 &:= 2^6 + 8^1 + 8^3 + 16^1 + 25^0 = 26 + 81 + 83 + 161 + 250 \\ 601 &:= 2^5 + 3^2 + 11^1 + 20^1 + 23^2 = 25 + 32 + 111 + 201 + 232 & 601 &:= 2^6 + 8^3 + 10^1 + 14^1 + 25^0 = 26 + 83 + 101 + 141 + 250 \\ 601 &:= 2^5 + 3^2 + 12^1 + 19^1 + 23^2 = 25 + 32 + 121 + 191 + 232 & 601 &:= 2^6 + 8^3 + 11^1 + 13^1 + 25^0 = 26 + 83 + 111 + 131 + 250 \\ 601 &:= 2^5 + 3^2 + 13^1 + 18^1 + 23^2 = 25 + 32 + 131 + 181 + 232 & 601 &:= 2^6 + 8^3 + 12^1 + 12^1 + 25^0 = 26 + 83 + 121 + 121 + 250 \\ 601 &:= 2^5 + 3^2 + 14^1 + 17^1 + 23^2 = 25 + 32 + 141 + 171 + 232 & 601 &:= 2^6 + 8^3 + 9^1 + 15^1 + 25^0 = 26 + 83 + 91 + 151 + 250 \\ 601 &:= 2^5 + 3^2 + 15^1 + 16^1 + 23^2 = 25 + 32 + 151 + 161 + 232 & 601 &:= 2^6 + 9^0 + 14^2 + 16^1 + 18^2 = 26 + 90 + 142 + 161 + 182 \\ 601 &:= 2^5 + 3^2 + 4^1 + 23^2 + 27^1 = 25 + 32 + 41 + 232 + 271 & 601 &:= 2^6 + 9^2 + 13^0 + 14^1 + 21^2 = 26 + 92 + 130 + 141 + 212 \\ 601 &:= 2^5 + 3^2 + 5^1 + 23^2 + 26^1 = 25 + 32 + 51 + 232 + 261 & 601 &:= 2^7 + 4^1 + 5^0 + 21^2 + 27^1 = 27 + 41 + 50 + 212 + 271 \\ 601 &:= 2^5 + 3^2 + 6^1 + 23^2 + 25^1 = 25 + 32 + 61 + 232 + 251 & 601 &:= 2^7 + 5^0 + 10^1 + 21^1 + 21^2 = 27 + 50 + 101 + 211 + 212 \\ 601 &:= 2^5 + 3^2 + 7^1 + 23^2 + 24^1 = 25 + 32 + 71 + 232 + 241 & 601 &:= 2^7 + 5^0 + 11^1 + 20^1 + 21^2 = 27 + 50 + 111 + 201 + 212 \\ 601 &:= 2^5 + 3^2 + 8^1 + 23^1 + 23^2 = 25 + 32 + 81 + 231 + 232 & 601 &:= 2^7 + 5^0 + 12^1 + 19^1 + 21^2 = 27 + 50 + 121 + 191 + 212 \\ 601 &:= 2^5 + 3^2 + 9^1 + 22^1 + 23^2 = 25 + 32 + 91 + 221 + 232 & 601 &:= 2^7 + 5^0 + 13^1 + 18^1 + 21^2 = 27 + 50 + 131 + 181 + 212 \\ 601 &:= 2^5 + 3^3 + 12^1 + 19^0 + 23^2 = 25 + 33 + 121 + 190 + 232 & 601 &:= 2^7 + 5^0 + 14^1 + 17^1 + 21^2 = 27 + 50 + 141 + 171 + 212 \\ 601 &:= 2^5 + 4^1 + 12^2 + 20^2 + 21^1 = 25 + 41 + 122 + 202 + 211 & 601 &:= 2^7 + 5^0 + 15^1 + 16^1 + 21^2 = 27 + 50 + 151 + 161 + 212 \\ 601 &:= 2^5 + 4^1 + 16^2 + 17^2 + 20^1 = 25 + 41 + 162 + 172 + 201 & 601 &:= 2^7 + 5^0 + 5^1 + 21^2 + 26^1 = 27 + 50 + 51 + 212 + 261 \\ 601 &:= 2^5 + 4^3 + 11^0 + 20^1 + 22^2 = 25 + 43 + 110 + 201 + 222 & 601 &:= 2^7 + 5^0 + 6^1 + 21^2 + 25^1 = 27 + 50 + 61 + 212 + 251 \\ 601 &:= 2^5 + 5^1 + 12^2 + 20^1 + 20^2 = 25 + 51 + 122 + 201 + 202 & 601 &:= 2^7 + 5^0 + 7^1 + 21^2 + 24^1 = 27 + 50 + 71 + 212 + 241 \\ 601 &:= 2^5 + 5^1 + 16^2 + 17^2 + 19^1 = 25 + 51 + 162 + 172 + 191 & 601 &:= 2^7 + 5^0 + 8^1 + 21^2 + 23^1 = 27 + 50 + 81 + 212 + 231 \\ 601 &:= 2^5 + 6^1 + 12^2 + 19^1 + 20^2 = 25 + 61 + 122 + 191 + 202 & 601 &:= 2^7 + 5^0 + 9^1 + 21^2 + 22^1 = 27 + 50 + 91 + 212 + 221 \\ 601 &:= 2^5 + 6^1 + 16^2 + 17^2 + 18^1 = 25 + 61 + 162 + 172 + 181 & 601 &:= 2^8 + 10^0 + 10^0 + 18^2 + 19^1 = 28 + 100 + 100 + 182 + 191 \\ 601 &:= 2^5 + 6^2 + 8^3 + 20^1 + 23^0 = 25 + 62 + 83 + 201 + 230 & 601 &:= 2^8 + 3^0 + 17^0 + 18^2 + 19^1 = 28 + 30 + 170 + 182 + 191 \\ 601 &:= 2^5 + 7^1 + 12^2 + 18^1 + 20^2 = 25 + 71 + 122 + 181 + 202 & 601 &:= 2^8 + 4^0 + 16^0 + 18^2 + 19^1 = 28 + 40 + 160 + 182 + 191 \\ 601 &:= 2^5 + 7^1 + 16^2 + 17^1 + 17^2 = 25 + 71 + 162 + 171 + 172 & 601 &:= 2^8 + 5^0 + 15^0 + 18^2 + 19^1 = 28 + 50 + 150 + 182 + 191 \\ 601 &:= 2^5 + 8^1 + 12^2 + 17^1 + 20^2 = 25 + 81 + 122 + 171 + 202 & 601 &:= 2^8 + 6^0 + 14^0 + 18^2 + 19^1 = 28 + 60 + 140 + 182 + 191 \\ 601 &:= 2^5 + 8^1 + 16^1 + 16^2 + 17^2 = 25 + 81 + 161 + 162 + 172 & 601 &:= 2^8 + 7^0 + 13^0 + 18^2 + 19^1 = 28 + 70 + 130 + 182 + 191 \\ 601 &:= 2^5 + 9^1 + 12^2 + 16^1 + 20^2 = 25 + 91 + 122 + 161 + 202 & 601 &:= 2^8 + 8^0 + 12^0 + 18^2 + 19^1 = 28 + 80 + 120 + 182 + 191 \\ 601 &:= 2^5 + 9^1 + 15^1 + 16^2 + 17^2 = 25 + 91 + 151 + 162 + 172 & 601 &:= 2^8 + 9^0 + 11^0 + 18^2 + 19^1 = 28 + 90 + 110 + 182 + 191 \\ 601 &:= 2^6 + 11^0 + 11^2 + 15^1 + 20^2 = 26 + 110 + 112 + 151 + 202 & 601 &:= 3^3 + 4^4 + 11^2 + 14^2 + 27^0 = 33 + 44 + 112 + 142 + 270 \\ 601 &:= 2^6 + 3^0 + 15^2 + 17^2 + 22^1 = 26 + 30 + 152 + 172 + 221 & 601 &:= 3^3 + 5^3 + 8^2 + 19^2 + 24^1 = 33 + 53 + 82 + 192 + 241 \\ 601 &:= 2^6 + 3^0 + 5^2 + 22^2 + 27^1 = 26 + 30 + 52 + 222 + 271 & 601 &:= 3^4 + 4^2 + 11^2 + 19^2 + 22^1 = 34 + 42 + 112 + 192 + 221 \\ 601 &:= 2^6 + 3^1 + 7^2 + 22^2 + 25^0 = 26 + 31 + 72 + 222 + 250 & 601 &:= 3^4 + 4^2 + 9^2 + 20^2 + 23^1 = 34 + 42 + 92 + 202 + 231 \\ 601 &:= 2^6 + 3^1 + 8^3 + 21^1 + 25^0 = 26 + 31 + 83 + 211 + 250 & 601 &:= 3^4 + 5^3 + 13^2 + 15^2 + 23^0 = 34 + 53 + 132 + 152 + 230 \\ 601 &:= 2^6 + 4^1 + 8^3 + 20^1 + 25^0 = 26 + 41 + 83 + 201 + 250 & 601 &:= 3^4 + 7^2 + 14^2 + 16^2 + 19^1 = 34 + 72 + 142 + 162 + 191 \\ 601 &:= 2^6 + 5^1 + 8^3 + 19^1 + 25^0 = 26 + 51 + 83 + 191 + 250 & 601 &:= 3^4 + 7^2 + 7^2 + 20^2 + 22^1 = 34 + 72 + 72 + 202 + 221 \\ 601 &:= 2^6 + 6^1 + 13^2 + 19^0 + 19^2 = 26 + 61 + 132 + 190 + 192 & 601 &:= 3^4 + 9^2 + 14^2 + 15^2 + 18^1 = 34 + 92 + 142 + 152 + 181 \\ 601 &:= 2^6 + 6^1 + 8^3 + 18^1 + 25^0 = 26 + 61 + 83 + 181 + 250 & 601 &:= 3^5 + 4^4 + 10^2 + 15^0 + 27^0 = 35 + 44 + 102 + 150 + 270 \end{aligned}$$

$$\begin{aligned}
 601 &:= 3^5 + 4^4 + 10^2 + 16^0 + 26^0 = 35 + 44 + 102 + 160 + 260 \\
 601 &:= 3^5 + 4^4 + 10^2 + 17^0 + 25^0 = 35 + 44 + 102 + 170 + 250 \\
 601 &:= 3^5 + 4^4 + 10^2 + 18^0 + 24^0 = 35 + 44 + 102 + 180 + 240 \\
 601 &:= 3^5 + 4^4 + 10^2 + 19^0 + 23^0 = 35 + 44 + 102 + 190 + 230 \\
 601 &:= 3^5 + 4^4 + 10^2 + 20^0 + 22^0 = 35 + 44 + 102 + 200 + 220 \\
 601 &:= 3^5 + 4^4 + 10^2 + 21^0 + 21^0 = 35 + 44 + 102 + 210 + 210 \\
 601 &:= 3^5 + 6^1 + 6^2 + 17^2 + 27^1 = 35 + 61 + 62 + 172 + 271 \\
 601 &:= 3^5 + 6^2 + 10^1 + 17^2 + 23^1 = 35 + 62 + 101 + 172 + 231 \\
 601 &:= 3^5 + 6^2 + 11^1 + 17^2 + 22^1 = 35 + 62 + 111 + 172 + 221 \\
 601 &:= 3^5 + 6^2 + 12^1 + 17^2 + 21^1 = 35 + 62 + 121 + 172 + 211 \\
 601 &:= 3^5 + 6^2 + 13^1 + 17^2 + 20^1 = 35 + 62 + 131 + 172 + 201 \\
 601 &:= 3^5 + 6^2 + 14^1 + 17^2 + 19^1 = 35 + 62 + 141 + 172 + 191 \\
 601 &:= 3^5 + 6^2 + 15^1 + 17^2 + 18^1 = 35 + 62 + 151 + 172 + 181 \\
 601 &:= 3^5 + 6^2 + 16^1 + 17^1 + 17^2 = 35 + 62 + 161 + 171 + 172 \\
 601 &:= 3^5 + 6^2 + 7^1 + 17^2 + 26^1 = 35 + 62 + 71 + 172 + 261
 \end{aligned}$$

$$\begin{aligned}
 601 &:= 3^5 + 6^2 + 8^1 + 17^2 + 25^1 = 35 + 62 + 81 + 172 + 251 \\
 601 &:= 3^5 + 6^2 + 9^1 + 17^2 + 24^1 = 35 + 62 + 91 + 172 + 241 \\
 601 &:= 3^5 + 6^3 + 11^2 + 19^0 + 20^1 = 35 + 63 + 112 + 190 + 201 \\
 601 &:= 4^3 + 4^3 + 14^2 + 16^2 + 21^1 = 43 + 43 + 142 + 162 + 211 \\
 601 &:= 4^3 + 4^3 + 7^2 + 20^2 + 24^1 = 43 + 43 + 72 + 202 + 241 \\
 601 &:= 4^3 + 5^2 + 5^3 + 19^2 + 26^1 = 43 + 52 + 53 + 192 + 261 \\
 601 &:= 4^3 + 5^3 + 10^2 + 17^2 + 23^1 = 43 + 53 + 102 + 172 + 231 \\
 601 &:= 4^3 + 5^3 + 8^2 + 18^2 + 24^1 = 43 + 53 + 82 + 182 + 241 \\
 601 &:= 4^3 + 6^3 + 10^2 + 14^2 + 25^1 = 43 + 63 + 102 + 142 + 251 \\
 601 &:= 4^4 + 10^2 + 10^2 + 11^2 + 24^1 = 44 + 102 + 102 + 112 + 241 \\
 601 &:= 4^4 + 4^4 + 8^2 + 19^0 + 24^1 = 44 + 44 + 82 + 190 + 241 \\
 601 &:= 5^3 + 5^3 + 6^2 + 17^2 + 26^1 = 53 + 53 + 62 + 172 + 261 \\
 601 &:= 5^3 + 6^3 + 8^2 + 13^2 + 27^1 = 53 + 63 + 82 + 132 + 271
 \end{aligned}$$

2.2.503 Number 602

$$\begin{aligned}
 602 &:= 1^9 + 10^0 + 24^1 + 24^2 = 19 + 100 + 241 + 242 \\
 602 &:= 2^1 + 2^8 + 7^3 + 48^0 = 21 + 28 + 73 + 480 \\
 602 &:= 2^9 + 7^2 + 10^0 + 40^1 = 29 + 72 + 100 + 401 \\
 602 &:= 2^9 + 8^1 + 9^2 + 40^0 = 29 + 81 + 92 + 400 \\
 602 &:= 2^9 + 8^2 + 24^0 + 25^1 = 29 + 82 + 240 + 251 \\
 602 &:= 1^0 + 1^9 + 10^0 + 23^1 + 24^2 = 10 + 19 + 100 + 231 + 242 \\
 602 &:= 1^0 + 2^9 + 8^2 + 24^0 + 24^1 = 10 + 29 + 82 + 240 + 241 \\
 602 &:= 1^1 + 1^8 + 10^0 + 23^1 + 24^2 = 11 + 18 + 100 + 231 + 242 \\
 602 &:= 1^1 + 2^8 + 18^0 + 18^2 + 20^1 = 11 + 28 + 180 + 182 + 201 \\
 602 &:= 1^1 + 2^8 + 7^3 + 22^0 + 27^0 = 11 + 28 + 73 + 220 + 270 \\
 602 &:= 1^1 + 2^8 + 7^3 + 23^0 + 26^0 = 11 + 28 + 73 + 230 + 260 \\
 602 &:= 1^1 + 2^8 + 7^3 + 24^0 + 25^0 = 11 + 28 + 73 + 240 + 250 \\
 602 &:= 1^2 + 1^7 + 10^0 + 23^1 + 24^2 = 12 + 17 + 100 + 231 + 242 \\
 602 &:= 1^2 + 2^6 + 8^3 + 24^0 + 24^1 = 12 + 26 + 83 + 240 + 241 \\
 602 &:= 1^3 + 1^6 + 10^0 + 23^1 + 24^2 = 13 + 16 + 100 + 231 + 242 \\
 602 &:= 1^3 + 2^6 + 7^1 + 23^2 + 26^0 = 13 + 26 + 71 + 232 + 260 \\
 602 &:= 1^4 + 1^5 + 10^0 + 23^1 + 24^2 = 14 + 15 + 100 + 231 + 242 \\
 602 &:= 1^4 + 2^4 + 10^2 + 22^2 + 24^0 = 14 + 24 + 102 + 222 + 240 \\
 602 &:= 1^5 + 2^4 + 8^1 + 24^0 + 24^2 = 15 + 24 + 81 + 240 + 242 \\
 602 &:= 1^5 + 4^3 + 8^3 + 22^0 + 24^1 = 15 + 43 + 83 + 220 + 241 \\
 602 &:= 1^5 + 4^4 + 16^0 + 18^2 + 20^1 = 15 + 44 + 160 + 182 + 201
 \end{aligned}$$

$$\begin{aligned}
 602 &:= 1^5 + 4^4 + 7^3 + 20^0 + 27^0 = 15 + 44 + 73 + 200 + 270 \\
 602 &:= 1^5 + 4^4 + 7^3 + 21^0 + 26^0 = 15 + 44 + 73 + 210 + 260 \\
 602 &:= 1^5 + 4^4 + 7^3 + 22^0 + 25^0 = 15 + 44 + 73 + 220 + 250 \\
 602 &:= 1^5 + 4^4 + 7^3 + 23^0 + 24^0 = 15 + 44 + 73 + 230 + 240 \\
 602 &:= 1^6 + 10^2 + 10^2 + 18^0 + 20^2 = 16 + 102 + 102 + 180 + 202 \\
 602 &:= 1^6 + 2^2 + 14^2 + 20^2 + 22^0 = 16 + 22 + 142 + 202 + 220 \\
 602 &:= 1^6 + 2^3 + 16^0 + 16^1 + 24^2 = 16 + 23 + 160 + 161 + 242 \\
 602 &:= 1^6 + 4^2 + 10^2 + 22^0 + 22^2 = 16 + 42 + 102 + 220 + 222 \\
 602 &:= 1^6 + 4^3 + 7^1 + 23^2 + 24^0 = 16 + 43 + 71 + 232 + 240 \\
 602 &:= 1^6 + 6^3 + 10^0 + 19^2 + 23^1 = 16 + 63 + 100 + 192 + 231 \\
 602 &:= 1^6 + 8^2 + 8^3 + 18^0 + 24^1 = 16 + 82 + 83 + 180 + 241 \\
 602 &:= 1^7 + 10^0 + 10^2 + 16^1 + 22^2 = 17 + 100 + 102 + 161 + 222 \\
 602 &:= 1^7 + 10^0 + 12^2 + 15^1 + 21^2 = 17 + 100 + 122 + 151 + 212 \\
 602 &:= 1^7 + 10^0 + 14^1 + 15^2 + 19^2 = 17 + 100 + 141 + 152 + 192 \\
 602 &:= 1^7 + 2^0 + 17^2 + 17^2 + 22^1 = 17 + 20 + 172 + 172 + 221 \\
 602 &:= 1^7 + 2^2 + 12^0 + 20^1 + 24^2 = 17 + 22 + 120 + 201 + 242 \\
 602 &:= 1^7 + 3^2 + 15^1 + 16^0 + 24^2 = 17 + 32 + 151 + 160 + 242 \\
 602 &:= 1^7 + 4^0 + 16^2 + 18^2 + 20^1 = 17 + 40 + 162 + 182 + 201 \\
 602 &:= 1^7 + 4^1 + 14^2 + 20^0 + 20^2 = 17 + 41 + 142 + 200 + 202 \\
 602 &:= 1^7 + 4^2 + 8^1 + 22^0 + 24^2 = 17 + 42 + 81 + 220 + 242 \\
 602 &:= 1^7 + 6^0 + 7^2 + 22^1 + 23^2 = 17 + 60 + 72 + 221 + 232
 \end{aligned}$$

$$\begin{aligned} 602 &:= 1^7 + 7^1 + 8^2 + 20^0 + 23^2 = 17 + 71 + 82 + 200 + 232 & 602 &:= 2^5 + 6^3 + 8^2 + 17^2 + 26^0 = 25 + 63 + 82 + 172 + 260 \\ 602 &:= 1^7 + 7^3 + 10^0 + 16^2 + 25^0 = 17 + 73 + 100 + 162 + 250 & 602 &:= 2^6 + 3^3 + 6^0 + 22^2 + 26^1 = 26 + 33 + 60 + 222 + 261 \\ 602 &:= 1^7 + 7^3 + 11^0 + 16^2 + 24^0 = 17 + 73 + 110 + 162 + 240 & 602 &:= 2^6 + 4^2 + 11^2 + 20^2 + 22^0 = 26 + 42 + 112 + 202 + 220 \\ 602 &:= 1^7 + 7^3 + 12^0 + 16^2 + 23^0 = 17 + 73 + 120 + 162 + 230 & 602 &:= 2^6 + 5^2 + 16^2 + 16^2 + 20^0 = 26 + 52 + 162 + 162 + 200 \\ 602 &:= 1^7 + 7^3 + 13^0 + 16^2 + 22^0 = 17 + 73 + 130 + 162 + 220 & 602 &:= 2^6 + 5^3 + 12^1 + 20^0 + 20^2 = 26 + 53 + 121 + 200 + 202 \\ 602 &:= 1^7 + 7^3 + 14^0 + 16^2 + 21^0 = 17 + 73 + 140 + 162 + 210 & 602 &:= 2^6 + 7^3 + 12^0 + 13^2 + 25^1 = 26 + 73 + 120 + 132 + 251 \\ 602 &:= 1^7 + 7^3 + 15^0 + 16^2 + 20^0 = 17 + 73 + 150 + 162 + 200 & 602 &:= 2^7 + 10^2 + 12^1 + 16^0 + 19^2 = 27 + 102 + 121 + 160 + 192 \\ 602 &:= 1^7 + 7^3 + 16^0 + 16^2 + 19^0 = 17 + 73 + 160 + 162 + 190 & 602 &:= 2^7 + 12^0 + 13^2 + 15^1 + 17^2 = 27 + 120 + 132 + 151 + 172 \\ 602 &:= 1^7 + 7^3 + 16^2 + 17^0 + 18^0 = 17 + 73 + 162 + 170 + 180 & 602 &:= 2^7 + 3^2 + 10^0 + 21^2 + 23^1 = 27 + 32 + 100 + 212 + 231 \\ 602 &:= 1^7 + 7^3 + 8^0 + 16^2 + 27^0 = 17 + 73 + 80 + 162 + 270 & 602 &:= 2^7 + 4^0 + 15^2 + 15^2 + 23^1 = 27 + 40 + 152 + 152 + 231 \\ 602 &:= 1^7 + 7^3 + 9^0 + 16^2 + 26^0 = 17 + 73 + 90 + 162 + 260 & 602 &:= 2^7 + 4^2 + 16^0 + 16^1 + 21^2 = 27 + 42 + 160 + 161 + 212 \\ 602 &:= 1^8 + 1^9 + 17^2 + 17^2 + 22^1 = 18 + 19 + 172 + 172 + 221 & 602 &:= 2^7 + 5^1 + 12^2 + 18^2 + 22^0 = 27 + 51 + 122 + 182 + 220 \\ 602 &:= 1^8 + 10^0 + 10^1 + 14^1 + 24^2 = 18 + 100 + 101 + 141 + 242 & 602 &:= 2^7 + 5^2 + 7^1 + 21^2 + 24^0 = 27 + 52 + 71 + 212 + 240 \\ 602 &:= 1^8 + 10^0 + 11^1 + 13^1 + 24^2 = 18 + 100 + 111 + 131 + 242 & 602 &:= 2^7 + 6^0 + 14^2 + 16^2 + 21^1 = 27 + 60 + 142 + 162 + 211 \\ 602 &:= 1^8 + 10^0 + 12^1 + 12^1 + 24^2 = 18 + 100 + 121 + 121 + 242 & 602 &:= 2^7 + 6^0 + 7^2 + 20^2 + 24^1 = 27 + 60 + 72 + 202 + 241 \\ 602 &:= 1^8 + 2^1 + 10^0 + 22^1 + 24^2 = 18 + 21 + 100 + 221 + 242 & 602 &:= 2^7 + 6^3 + 10^0 + 16^2 + 25^0 = 27 + 63 + 100 + 162 + 250 \\ 602 &:= 1^8 + 3^1 + 10^0 + 21^1 + 24^2 = 18 + 31 + 100 + 211 + 242 & 602 &:= 2^7 + 6^3 + 11^0 + 16^2 + 24^0 = 27 + 63 + 110 + 162 + 240 \\ 602 &:= 1^8 + 4^1 + 10^0 + 20^1 + 24^2 = 18 + 41 + 100 + 201 + 242 & 602 &:= 2^7 + 6^3 + 12^0 + 16^2 + 23^0 = 27 + 63 + 120 + 162 + 230 \\ 602 &:= 1^8 + 5^1 + 10^0 + 19^1 + 24^2 = 18 + 51 + 100 + 191 + 242 & 602 &:= 2^7 + 6^3 + 13^0 + 16^2 + 22^0 = 27 + 63 + 130 + 162 + 220 \\ 602 &:= 1^8 + 6^1 + 10^0 + 18^1 + 24^2 = 18 + 61 + 100 + 181 + 242 & 602 &:= 2^7 + 6^3 + 14^0 + 16^2 + 21^0 = 27 + 63 + 140 + 162 + 210 \\ 602 &:= 1^8 + 7^1 + 10^0 + 17^1 + 24^2 = 18 + 71 + 100 + 171 + 242 & 602 &:= 2^7 + 6^3 + 15^0 + 16^2 + 20^0 = 27 + 63 + 150 + 162 + 200 \\ 602 &:= 1^8 + 8^1 + 10^0 + 16^1 + 24^2 = 18 + 81 + 100 + 161 + 242 & 602 &:= 2^7 + 6^3 + 16^0 + 16^2 + 19^0 = 27 + 63 + 160 + 162 + 190 \\ 602 &:= 1^8 + 9^1 + 10^0 + 15^1 + 24^2 = 18 + 91 + 100 + 151 + 242 & 602 &:= 2^7 + 6^3 + 16^2 + 17^0 + 18^0 = 27 + 63 + 162 + 170 + 180 \\ 602 &:= 1^9 + 2^0 + 9^0 + 23^1 + 24^2 = 19 + 20 + 90 + 231 + 242 & 602 &:= 2^7 + 6^3 + 8^0 + 16^2 + 27^0 = 27 + 63 + 80 + 162 + 270 \\ 602 &:= 1^9 + 2^9 + 4^3 + 24^1 + 27^0 = 19 + 29 + 43 + 241 + 270 & 602 &:= 2^7 + 6^3 + 9^0 + 16^2 + 26^0 = 27 + 63 + 90 + 162 + 260 \\ 602 &:= 1^9 + 3^0 + 8^0 + 23^1 + 24^2 = 19 + 30 + 80 + 231 + 242 & 602 &:= 2^7 + 8^2 + 9^1 + 20^0 + 20^2 = 27 + 82 + 91 + 200 + 202 \\ 602 &:= 1^9 + 4^0 + 7^0 + 23^1 + 24^2 = 19 + 40 + 70 + 231 + 242 & 602 &:= 2^8 + 10^1 + 11^1 + 18^0 + 18^2 = 28 + 101 + 111 + 180 + 182 \\ 602 &:= 1^9 + 5^0 + 6^0 + 23^1 + 24^2 = 19 + 50 + 60 + 231 + 242 & 602 &:= 2^8 + 3^1 + 18^0 + 18^1 + 18^2 = 28 + 31 + 180 + 181 + 182 \\ 602 &:= 2^0 + 2^9 + 8^2 + 23^0 + 24^1 = 20 + 29 + 82 + 230 + 241 & 602 &:= 2^8 + 4^1 + 17^1 + 18^0 + 18^2 = 28 + 41 + 171 + 180 + 182 \\ 602 &:= 2^1 + 2^8 + 18^0 + 18^2 + 19^1 = 21 + 28 + 180 + 182 + 191 & 602 &:= 2^8 + 5^1 + 16^1 + 18^0 + 18^2 = 28 + 51 + 161 + 180 + 182 \\ 602 &:= 2^2 + 2^6 + 7^2 + 22^2 + 26^0 = 22 + 26 + 72 + 222 + 260 & 602 &:= 2^8 + 6^1 + 15^1 + 18^0 + 18^2 = 28 + 61 + 151 + 180 + 182 \\ 602 &:= 2^2 + 2^6 + 8^3 + 21^1 + 26^0 = 22 + 26 + 83 + 211 + 260 & 602 &:= 2^8 + 7^1 + 14^1 + 18^0 + 18^2 = 28 + 71 + 141 + 180 + 182 \\ 602 &:= 2^4 + 2^4 + 13^2 + 20^2 + 22^0 = 24 + 24 + 132 + 202 + 220 & 602 &:= 2^8 + 8^1 + 13^1 + 18^0 + 18^2 = 28 + 81 + 131 + 180 + 182 \\ 602 &:= 2^4 + 2^5 + 8^0 + 23^2 + 24^1 = 24 + 25 + 80 + 232 + 241 & 602 &:= 2^8 + 9^1 + 12^1 + 18^0 + 18^2 = 28 + 91 + 121 + 180 + 182 \\ 602 &:= 2^4 + 3^5 + 18^0 + 18^1 + 18^2 = 24 + 35 + 180 + 181 + 182 & 602 &:= 2^9 + 3^0 + 8^2 + 22^0 + 24^1 = 29 + 30 + 82 + 220 + 241 \\ 602 &:= 2^5 + 4^3 + 12^2 + 19^2 + 22^0 = 25 + 43 + 122 + 192 + 220 & 602 &:= 2^9 + 4^0 + 8^2 + 21^0 + 24^1 = 29 + 40 + 82 + 210 + 241 \\ 602 &:= 2^5 + 4^3 + 8^2 + 21^2 + 24^0 = 25 + 43 + 82 + 212 + 240 & 602 &:= 2^9 + 5^0 + 8^2 + 20^0 + 24^1 = 29 + 50 + 82 + 200 + 241 \\ 602 &:= 2^5 + 4^4 + 12^0 + 17^2 + 24^1 = 25 + 44 + 120 + 172 + 241 & 602 &:= 2^9 + 6^0 + 8^2 + 19^0 + 24^1 = 29 + 60 + 82 + 190 + 241 \end{aligned}$$

$$\begin{aligned}
 602 &:= 2^9 + 7^0 + 8^2 + 18^0 + 24^1 = 29 + 70 + 82 + 180 + 241 \\
 602 &:= 2^9 + 7^1 + 9^2 + 14^0 + 27^0 = 29 + 71 + 92 + 140 + 270 \\
 602 &:= 2^9 + 7^1 + 9^2 + 15^0 + 26^0 = 29 + 71 + 92 + 150 + 260 \\
 602 &:= 2^9 + 7^1 + 9^2 + 16^0 + 25^0 = 29 + 71 + 92 + 160 + 250 \\
 602 &:= 2^9 + 7^1 + 9^2 + 17^0 + 24^0 = 29 + 71 + 92 + 170 + 240 \\
 602 &:= 2^9 + 7^1 + 9^2 + 18^0 + 23^0 = 29 + 71 + 92 + 180 + 230 \\
 602 &:= 2^9 + 7^1 + 9^2 + 19^0 + 22^0 = 29 + 71 + 92 + 190 + 220 \\
 602 &:= 2^9 + 7^1 + 9^2 + 20^0 + 21^0 = 29 + 71 + 92 + 200 + 210 \\
 602 &:= 2^9 + 8^0 + 8^2 + 17^0 + 24^1 = 29 + 80 + 82 + 170 + 241
 \end{aligned}$$

$$\begin{aligned}
 602 &:= 2^9 + 8^2 + 10^0 + 15^0 + 24^1 = 29 + 82 + 100 + 150 + 241 \\
 602 &:= 2^9 + 8^2 + 11^0 + 14^0 + 24^1 = 29 + 82 + 110 + 140 + 241 \\
 602 &:= 2^9 + 8^2 + 12^0 + 13^0 + 24^1 = 29 + 82 + 120 + 130 + 241 \\
 602 &:= 2^9 + 8^2 + 9^0 + 16^0 + 24^1 = 29 + 82 + 90 + 160 + 241 \\
 602 &:= 3^4 + 3^5 + 16^0 + 16^2 + 21^1 = 34 + 35 + 160 + 162 + 211 \\
 602 &:= 3^5 + 4^4 + 9^2 + 21^1 + 22^0 = 35 + 44 + 92 + 211 + 220 \\
 602 &:= 4^3 + 4^4 + 4^4 + 22^0 + 25^1 = 43 + 44 + 44 + 220 + 251
 \end{aligned}$$

2.2.504 Number 603

$$\begin{aligned}
 603 &:= 10^0 + 24^2 + 26^1 = 100 + 242 + 261 \\
 603 &:= 1^0 + 10^0 + 24^2 + 25^1 = 10 + 100 + 242 + 251 \\
 603 &:= 1^8 + 17^2 + 17^2 + 24^1 = 18 + 172 + 172 + 241 \\
 603 &:= 1^9 + 5^2 + 24^2 + 29^0 = 19 + 52 + 242 + 290 \\
 603 &:= 2^0 + 9^0 + 24^2 + 25^1 = 20 + 90 + 242 + 251 \\
 603 &:= 2^9 + 3^2 + 9^2 + 45^0 = 29 + 32 + 92 + 450 \\
 603 &:= 2^9 + 4^3 + 26^1 + 27^0 = 29 + 43 + 261 + 270 \\
 603 &:= 3^0 + 8^0 + 24^2 + 25^1 = 30 + 80 + 242 + 251 \\
 603 &:= 4^0 + 7^0 + 24^2 + 25^1 = 40 + 70 + 242 + 251 \\
 603 &:= 5^0 + 6^0 + 24^2 + 25^1 = 50 + 60 + 242 + 251 \\
 603 &:= 1^0 + 1^0 + 10^0 + 24^1 + 24^2 = 10 + 10 + 100 + 241 + 242 \\
 603 &:= 1^0 + 1^8 + 17^2 + 17^2 + 23^1 = 10 + 18 + 172 + 172 + 231 \\
 603 &:= 1^0 + 2^0 + 9^0 + 24^1 + 24^2 = 10 + 20 + 90 + 241 + 242 \\
 603 &:= 1^0 + 2^9 + 4^3 + 25^1 + 27^0 = 10 + 29 + 43 + 251 + 270 \\
 603 &:= 1^0 + 3^0 + 8^0 + 24^1 + 24^2 = 10 + 30 + 80 + 241 + 242 \\
 603 &:= 1^0 + 4^0 + 7^0 + 24^1 + 24^2 = 10 + 40 + 70 + 241 + 242 \\
 603 &:= 1^0 + 5^0 + 6^0 + 24^1 + 24^2 = 10 + 50 + 60 + 241 + 242 \\
 603 &:= 1^1 + 1^7 + 17^2 + 17^2 + 23^1 = 11 + 17 + 172 + 172 + 231 \\
 603 &:= 1^1 + 1^9 + 9^0 + 24^1 + 24^2 = 11 + 19 + 90 + 241 + 242 \\
 603 &:= 1^1 + 2^9 + 8^2 + 23^0 + 25^1 = 11 + 29 + 82 + 230 + 251 \\
 603 &:= 1^2 + 1^6 + 17^2 + 17^2 + 23^1 = 12 + 16 + 172 + 172 + 231 \\
 603 &:= 1^2 + 1^8 + 9^0 + 24^1 + 24^2 = 12 + 18 + 90 + 241 + 242 \\
 603 &:= 1^2 + 2^6 + 15^2 + 17^2 + 24^1 = 12 + 26 + 152 + 172 + 241 \\
 603 &:= 1^2 + 2^8 + 17^0 + 18^2 + 21^1 = 12 + 28 + 170 + 182 + 211 \\
 603 &:= 1^3 + 1^5 + 17^2 + 17^2 + 23^1 = 13 + 15 + 172 + 172 + 231 \\
 603 &:= 1^3 + 1^7 + 9^0 + 24^1 + 24^2 = 13 + 17 + 90 + 241 + 242 \\
 603 &:= 1^3 + 2^6 + 8^3 + 23^0 + 25^1 = 13 + 26 + 83 + 230 + 251
 \end{aligned}$$

$$\begin{aligned}
 603 &:= 1^4 + 1^4 + 17^2 + 17^2 + 23^1 = 14 + 14 + 172 + 172 + 231 \\
 603 &:= 1^4 + 1^6 + 9^0 + 24^1 + 24^2 = 14 + 16 + 90 + 241 + 242 \\
 603 &:= 1^4 + 2^4 + 11^2 + 21^2 + 24^1 = 14 + 24 + 112 + 212 + 241 \\
 603 &:= 1^4 + 2^5 + 13^2 + 20^2 + 23^0 = 14 + 25 + 132 + 202 + 230 \\
 603 &:= 1^4 + 2^6 + 8^1 + 23^2 + 25^0 = 14 + 26 + 81 + 232 + 250 \\
 603 &:= 1^5 + 1^5 + 9^0 + 24^1 + 24^2 = 15 + 15 + 90 + 241 + 242 \\
 603 &:= 1^5 + 2^4 + 12^2 + 21^2 + 23^0 = 15 + 24 + 122 + 212 + 230 \\
 603 &:= 1^5 + 3^4 + 14^2 + 18^2 + 23^0 = 15 + 34 + 142 + 182 + 230 \\
 603 &:= 1^5 + 3^4 + 6^2 + 22^2 + 27^0 = 15 + 34 + 62 + 222 + 270 \\
 603 &:= 1^6 + 10^2 + 14^2 + 17^1 + 17^2 = 16 + 102 + 142 + 171 + 172 \\
 603 &:= 1^6 + 2^3 + 8^2 + 23^2 + 25^0 = 16 + 23 + 82 + 232 + 250 \\
 603 &:= 1^6 + 2^4 + 9^1 + 23^0 + 24^2 = 16 + 24 + 91 + 230 + 242 \\
 603 &:= 1^6 + 4^3 + 8^3 + 21^0 + 25^1 = 16 + 43 + 83 + 210 + 251 \\
 603 &:= 1^6 + 4^4 + 15^0 + 18^2 + 21^1 = 16 + 44 + 150 + 182 + 211 \\
 603 &:= 1^6 + 5^2 + 14^2 + 19^2 + 20^1 = 16 + 52 + 142 + 192 + 201 \\
 603 &:= 1^6 + 8^2 + 14^2 + 18^1 + 18^2 = 16 + 82 + 142 + 181 + 182 \\
 603 &:= 1^7 + 10^1 + 14^1 + 17^2 + 17^2 = 17 + 101 + 141 + 172 + 172 \\
 603 &:= 1^7 + 11^1 + 13^1 + 17^2 + 17^2 = 17 + 111 + 131 + 172 + 172 \\
 603 &:= 1^7 + 12^1 + 12^1 + 17^2 + 17^2 = 17 + 121 + 121 + 172 + 172 \\
 603 &:= 1^7 + 2^1 + 17^2 + 17^2 + 22^1 = 17 + 21 + 172 + 172 + 221 \\
 603 &:= 1^7 + 2^3 + 15^0 + 17^1 + 24^2 = 17 + 23 + 150 + 171 + 242 \\
 603 &:= 1^7 + 3^1 + 17^2 + 17^2 + 21^1 = 17 + 31 + 172 + 172 + 211 \\
 603 &:= 1^7 + 3^2 + 4^2 + 24^2 + 27^0 = 17 + 32 + 42 + 242 + 270 \\
 603 &:= 1^7 + 4^1 + 17^2 + 17^2 + 20^1 = 17 + 41 + 172 + 172 + 201 \\
 603 &:= 1^7 + 4^2 + 12^2 + 21^0 + 21^2 = 17 + 42 + 122 + 210 + 212 \\
 603 &:= 1^7 + 4^3 + 8^1 + 23^0 + 23^2 = 17 + 43 + 81 + 230 + 232 \\
 603 &:= 1^7 + 5^1 + 17^2 + 17^2 + 19^1 = 17 + 51 + 172 + 172 + 191
 \end{aligned}$$

$$\begin{aligned} 603 &:= 1^7 + 6^1 + 17^2 + 17^2 + 18^1 = 17 + 61 + 172 + 172 + 181 \\ 603 &:= 1^7 + 6^2 + 6^2 + 23^0 + 23^2 = 17 + 62 + 62 + 230 + 232 \\ 603 &:= 1^7 + 6^2 + 9^2 + 21^0 + 22^2 = 17 + 62 + 92 + 210 + 222 \\ 603 &:= 1^7 + 6^3 + 9^0 + 19^2 + 24^1 = 17 + 63 + 90 + 192 + 241 \\ 603 &:= 1^7 + 7^1 + 17^1 + 17^2 + 17^2 = 17 + 71 + 171 + 172 + 172 \\ 603 &:= 1^7 + 8^1 + 16^1 + 17^2 + 17^2 = 17 + 81 + 161 + 172 + 172 \\ 603 &:= 1^7 + 8^2 + 8^3 + 17^0 + 25^1 = 17 + 82 + 83 + 170 + 251 \\ 603 &:= 1^7 + 9^1 + 15^1 + 17^2 + 17^2 = 17 + 91 + 151 + 172 + 172 \\ 603 &:= 1^7 + 9^2 + 14^2 + 17^0 + 18^2 = 17 + 92 + 142 + 170 + 182 \\ 603 &:= 1^8 + 2^2 + 11^0 + 21^1 + 24^2 = 18 + 22 + 110 + 211 + 242 \\ 603 &:= 1^8 + 3^0 + 16^2 + 18^2 + 21^1 = 18 + 30 + 162 + 182 + 211 \\ 603 &:= 1^8 + 3^2 + 15^0 + 16^1 + 24^2 = 18 + 32 + 150 + 161 + 242 \\ 603 &:= 1^8 + 4^2 + 9^1 + 21^0 + 24^2 = 18 + 42 + 91 + 210 + 242 \\ 603 &:= 1^8 + 5^0 + 7^2 + 23^1 + 23^2 = 18 + 50 + 72 + 231 + 232 \\ 603 &:= 1^8 + 5^1 + 14^2 + 19^0 + 20^2 = 18 + 51 + 142 + 190 + 202 \\ 603 &:= 1^8 + 8^1 + 8^2 + 19^0 + 23^2 = 18 + 81 + 82 + 190 + 232 \\ 603 &:= 1^8 + 9^0 + 10^2 + 17^1 + 22^2 = 18 + 90 + 102 + 171 + 222 \\ 603 &:= 1^8 + 9^0 + 12^2 + 16^1 + 21^2 = 18 + 90 + 122 + 161 + 212 \\ 603 &:= 1^8 + 9^0 + 15^1 + 15^2 + 19^2 = 18 + 90 + 151 + 152 + 192 \\ 603 &:= 1^9 + 2^1 + 9^0 + 23^1 + 24^2 = 19 + 21 + 90 + 231 + 242 \\ 603 &:= 1^9 + 3^1 + 9^0 + 22^1 + 24^2 = 19 + 31 + 90 + 221 + 242 \\ 603 &:= 1^9 + 4^1 + 9^0 + 21^1 + 24^2 = 19 + 41 + 90 + 211 + 242 \\ 603 &:= 1^9 + 5^1 + 9^0 + 20^1 + 24^2 = 19 + 51 + 90 + 201 + 242 \\ 603 &:= 1^9 + 6^1 + 9^0 + 19^1 + 24^2 = 19 + 61 + 90 + 191 + 242 \\ 603 &:= 1^9 + 7^1 + 9^0 + 18^1 + 24^2 = 19 + 71 + 90 + 181 + 242 \\ 603 &:= 1^9 + 8^1 + 9^0 + 17^1 + 24^2 = 19 + 81 + 90 + 171 + 242 \\ 603 &:= 1^9 + 9^0 + 10^1 + 15^1 + 24^2 = 19 + 90 + 101 + 151 + 242 \\ 603 &:= 1^9 + 9^0 + 11^1 + 14^1 + 24^2 = 19 + 90 + 111 + 141 + 242 \\ 603 &:= 1^9 + 9^0 + 12^1 + 13^1 + 24^2 = 19 + 90 + 121 + 131 + 242 \\ 603 &:= 1^9 + 9^0 + 9^1 + 16^1 + 24^2 = 19 + 90 + 91 + 161 + 242 \\ 603 &:= 2^0 + 2^0 + 8^0 + 24^1 + 24^2 = 20 + 20 + 80 + 241 + 242 \\ 603 &:= 2^0 + 2^9 + 4^3 + 25^1 + 26^0 = 20 + 29 + 43 + 251 + 260 \\ 603 &:= 2^0 + 3^0 + 7^0 + 24^1 + 24^2 = 20 + 30 + 70 + 241 + 242 \\ 603 &:= 2^0 + 4^0 + 6^0 + 24^1 + 24^2 = 20 + 40 + 60 + 241 + 242 \\ 603 &:= 2^0 + 5^0 + 5^0 + 24^1 + 24^2 = 20 + 50 + 50 + 241 + 242 \\ 603 &:= 2^1 + 2^9 + 8^2 + 23^0 + 24^1 = 21 + 29 + 82 + 230 + 241 \\ 603 &:= 2^2 + 2^6 + 16^2 + 16^2 + 23^1 = 22 + 26 + 162 + 162 + 231 \\ 603 &:= 2^2 + 2^8 + 18^1 + 18^2 + 19^0 = 22 + 28 + 181 + 182 + 190 \\ 603 &:= 2^3 + 2^6 + 13^2 + 19^2 + 23^0 = 23 + 26 + 132 + 192 + 230 \\ 603 &:= 2^3 + 2^7 + 9^0 + 21^2 + 25^1 = 23 + 27 + 90 + 212 + 251 \\ 603 &:= 2^4 + 2^4 + 15^2 + 18^2 + 22^1 = 24 + 24 + 152 + 182 + 221 \\ 603 &:= 2^4 + 2^5 + 5^2 + 23^2 + 27^0 = 24 + 25 + 52 + 232 + 270 \\ 603 &:= 2^4 + 3^4 + 11^2 + 19^2 + 24^1 = 24 + 34 + 112 + 192 + 241 \\ 603 &:= 2^4 + 3^4 + 9^2 + 20^2 + 25^1 = 24 + 34 + 92 + 202 + 251 \\ 603 &:= 2^5 + 2^5 + 9^1 + 23^0 + 23^2 = 25 + 25 + 91 + 230 + 232 \\ 603 &:= 2^5 + 3^3 + 11^2 + 20^2 + 23^1 = 25 + 33 + 112 + 202 + 231 \\ 603 &:= 2^5 + 4^3 + 14^2 + 17^2 + 22^1 = 25 + 43 + 142 + 172 + 221 \\ 603 &:= 2^6 + 10^2 + 14^2 + 15^2 + 18^1 = 26 + 102 + 142 + 152 + 181 \\ 603 &:= 2^6 + 11^2 + 12^2 + 16^2 + 18^1 = 26 + 112 + 122 + 162 + 181 \\ 603 &:= 2^6 + 2^8 + 2^8 + 26^0 + 26^1 = 26 + 28 + 28 + 260 + 261 \\ 603 &:= 2^6 + 3^2 + 8^2 + 21^2 + 25^1 = 26 + 32 + 82 + 212 + 251 \\ 603 &:= 2^6 + 3^4 + 16^1 + 17^0 + 21^2 = 26 + 34 + 161 + 170 + 212 \\ 603 &:= 2^6 + 4^2 + 10^2 + 20^2 + 23^1 = 26 + 42 + 102 + 202 + 231 \\ 603 &:= 2^6 + 4^4 + 11^0 + 16^2 + 26^1 = 26 + 44 + 110 + 162 + 261 \\ 603 &:= 2^6 + 5^2 + 13^2 + 18^2 + 21^1 = 26 + 52 + 132 + 182 + 211 \\ 603 &:= 2^6 + 5^2 + 7^2 + 21^2 + 24^1 = 26 + 52 + 72 + 212 + 241 \\ 603 &:= 2^6 + 6^2 + 11^2 + 19^2 + 21^1 = 26 + 62 + 112 + 192 + 211 \\ 603 &:= 2^6 + 6^2 + 9^2 + 20^2 + 22^1 = 26 + 62 + 92 + 202 + 221 \\ 603 &:= 2^6 + 6^3 + 10^1 + 17^2 + 24^1 = 26 + 63 + 101 + 172 + 241 \\ 603 &:= 2^6 + 6^3 + 11^1 + 17^2 + 23^1 = 26 + 63 + 111 + 172 + 231 \\ 603 &:= 2^6 + 6^3 + 12^1 + 17^2 + 22^1 = 26 + 63 + 121 + 172 + 221 \\ 603 &:= 2^6 + 6^3 + 13^1 + 17^2 + 21^1 = 26 + 63 + 131 + 172 + 211 \\ 603 &:= 2^6 + 6^3 + 14^1 + 17^2 + 20^1 = 26 + 63 + 141 + 172 + 201 \\ 603 &:= 2^6 + 6^3 + 15^1 + 17^2 + 19^1 = 26 + 63 + 151 + 172 + 191 \\ 603 &:= 2^6 + 6^3 + 16^1 + 17^2 + 18^1 = 26 + 63 + 161 + 172 + 181 \\ 603 &:= 2^6 + 6^3 + 17^1 + 17^1 + 17^2 = 26 + 63 + 171 + 171 + 172 \\ 603 &:= 2^6 + 6^3 + 7^1 + 17^2 + 27^1 = 26 + 63 + 71 + 172 + 271 \\ 603 &:= 2^6 + 6^3 + 8^1 + 17^2 + 26^1 = 26 + 63 + 81 + 172 + 261 \\ 603 &:= 2^6 + 6^3 + 9^1 + 17^2 + 25^1 = 26 + 63 + 91 + 172 + 251 \\ 603 &:= 2^7 + 3^3 + 6^1 + 21^2 + 27^0 = 27 + 33 + 61 + 212 + 270 \\ 603 &:= 2^7 + 4^2 + 13^2 + 17^2 + 23^0 = 27 + 42 + 132 + 172 + 230 \\ 603 &:= 2^7 + 4^3 + 10^1 + 20^2 + 23^0 = 27 + 43 + 101 + 202 + 230 \\ 603 &:= 2^7 + 5^2 + 7^2 + 20^2 + 25^0 = 27 + 52 + 72 + 202 + 250 \\ 603 &:= 2^7 + 5^3 + 9^0 + 18^2 + 25^1 = 27 + 53 + 90 + 182 + 251 \\ 603 &:= 2^7 + 7^2 + 13^2 + 16^2 + 21^0 = 27 + 72 + 132 + 162 + 210 \\ 603 &:= 2^7 + 7^2 + 8^2 + 19^2 + 23^0 = 27 + 72 + 82 + 192 + 230 \end{aligned}$$

$$\begin{aligned}
 603 &:= 2^7 + 8^2 + 11^2 + 17^2 + 21^0 = 27 + 82 + 112 + 172 + 210 \\
 603 &:= 2^8 + 10^2 + 11^0 + 15^2 + 21^1 = 28 + 102 + 110 + 152 + 211 \\
 603 &:= 2^8 + 3^2 + 13^1 + 18^2 + 23^0 = 28 + 32 + 131 + 182 + 230 \\
 603 &:= 2^8 + 6^1 + 12^2 + 14^2 + 25^0 = 28 + 61 + 122 + 142 + 250 \\
 603 &:= 2^8 + 6^2 + 13^0 + 17^2 + 21^1 = 28 + 62 + 130 + 172 + 211 \\
 603 &:= 2^8 + 7^0 + 8^2 + 16^2 + 26^1 = 28 + 70 + 82 + 162 + 261 \\
 603 &:= 2^8 + 7^2 + 8^1 + 17^2 + 25^0 = 28 + 72 + 81 + 172 + 250 \\
 603 &:= 2^8 + 8^1 + 13^2 + 13^2 + 23^0 = 28 + 81 + 132 + 132 + 230 \\
 603 &:= 2^8 + 9^1 + 9^2 + 16^2 + 23^0 = 28 + 91 + 92 + 162 + 230 \\
 603 &:= 2^9 + 3^0 + 4^3 + 25^0 + 25^1 = 29 + 30 + 43 + 250 + 251 \\
 603 &:= 2^9 + 3^1 + 8^2 + 23^0 + 23^1 = 29 + 31 + 82 + 230 + 231 \\
 603 &:= 2^9 + 4^0 + 4^3 + 24^0 + 25^1 = 29 + 40 + 43 + 240 + 251 \\
 603 &:= 2^9 + 4^1 + 8^2 + 22^1 + 23^0 = 29 + 41 + 82 + 221 + 230 \\
 603 &:= 2^9 + 4^3 + 10^0 + 18^0 + 25^1 = 29 + 43 + 100 + 180 + 251 \\
 603 &:= 2^9 + 4^3 + 11^0 + 17^0 + 25^1 = 29 + 43 + 110 + 170 + 251 \\
 603 &:= 2^9 + 4^3 + 12^0 + 16^0 + 25^1 = 29 + 43 + 120 + 160 + 251 \\
 603 &:= 2^9 + 4^3 + 13^0 + 15^0 + 25^1 = 29 + 43 + 130 + 150 + 251 \\
 603 &:= 2^9 + 4^3 + 14^0 + 14^0 + 25^1 = 29 + 43 + 140 + 140 + 251 \\
 603 &:= 2^9 + 4^3 + 5^0 + 23^0 + 25^1 = 29 + 43 + 50 + 230 + 251 \\
 603 &:= 2^9 + 4^3 + 6^0 + 22^0 + 25^1 = 29 + 43 + 60 + 220 + 251 \\
 603 &:= 2^9 + 4^3 + 7^0 + 21^0 + 25^1 = 29 + 43 + 70 + 210 + 251 \\
 603 &:= 2^9 + 4^3 + 8^0 + 20^0 + 25^1 = 29 + 43 + 80 + 200 + 251 \\
 603 &:= 2^9 + 4^3 + 9^0 + 19^0 + 25^1 = 29 + 43 + 90 + 190 + 251 \\
 603 &:= 2^9 + 5^1 + 8^2 + 21^1 + 23^0 = 29 + 51 + 82 + 211 + 230 \\
 603 &:= 2^9 + 5^2 + 8^2 + 17^0 + 27^0 = 29 + 52 + 82 + 170 + 270
 \end{aligned}$$

$$\begin{aligned}
 603 &:= 2^9 + 5^2 + 8^2 + 18^0 + 26^0 = 29 + 52 + 82 + 180 + 260 \\
 603 &:= 2^9 + 5^2 + 8^2 + 19^0 + 25^0 = 29 + 52 + 82 + 190 + 250 \\
 603 &:= 2^9 + 5^2 + 8^2 + 20^0 + 24^0 = 29 + 52 + 82 + 200 + 240 \\
 603 &:= 2^9 + 5^2 + 8^2 + 21^0 + 23^0 = 29 + 52 + 82 + 210 + 230 \\
 603 &:= 2^9 + 5^2 + 8^2 + 22^0 + 22^0 = 29 + 52 + 82 + 220 + 220 \\
 603 &:= 2^9 + 6^1 + 8^2 + 20^1 + 23^0 = 29 + 61 + 82 + 201 + 230 \\
 603 &:= 2^9 + 7^1 + 8^2 + 19^1 + 23^0 = 29 + 71 + 82 + 191 + 230 \\
 603 &:= 2^9 + 7^2 + 9^0 + 14^1 + 27^1 = 29 + 72 + 90 + 141 + 271 \\
 603 &:= 2^9 + 7^2 + 9^0 + 15^1 + 26^1 = 29 + 72 + 90 + 151 + 261 \\
 603 &:= 2^9 + 7^2 + 9^0 + 16^1 + 25^1 = 29 + 72 + 90 + 161 + 251 \\
 603 &:= 2^9 + 7^2 + 9^0 + 17^1 + 24^1 = 29 + 72 + 90 + 171 + 241 \\
 603 &:= 2^9 + 7^2 + 9^0 + 18^1 + 23^1 = 29 + 72 + 90 + 181 + 231 \\
 603 &:= 2^9 + 7^2 + 9^0 + 19^1 + 22^1 = 29 + 72 + 90 + 191 + 221 \\
 603 &:= 2^9 + 7^2 + 9^0 + 20^1 + 21^1 = 29 + 72 + 90 + 201 + 211 \\
 603 &:= 2^9 + 8^1 + 8^2 + 18^1 + 23^0 = 29 + 81 + 82 + 181 + 230 \\
 603 &:= 2^9 + 8^2 + 10^1 + 16^1 + 23^0 = 29 + 82 + 101 + 161 + 230 \\
 603 &:= 2^9 + 8^2 + 11^1 + 15^1 + 23^0 = 29 + 82 + 111 + 151 + 230 \\
 603 &:= 2^9 + 8^2 + 12^1 + 14^1 + 23^0 = 29 + 82 + 121 + 141 + 230 \\
 603 &:= 2^9 + 8^2 + 13^1 + 13^1 + 23^0 = 29 + 82 + 131 + 131 + 230 \\
 603 &:= 2^9 + 8^2 + 9^1 + 17^1 + 23^0 = 29 + 82 + 91 + 171 + 230 \\
 603 &:= 3^0 + 3^0 + 6^0 + 24^1 + 24^2 = 30 + 30 + 60 + 241 + 242 \\
 603 &:= 3^0 + 4^0 + 5^0 + 24^1 + 24^2 = 30 + 40 + 50 + 241 + 242 \\
 603 &:= 3^5 + 3^5 + 10^2 + 16^1 + 27^0 = 35 + 35 + 102 + 161 + 270 \\
 603 &:= 4^0 + 4^0 + 4^0 + 24^1 + 24^2 = 40 + 40 + 40 + 241 + 242
 \end{aligned}$$

2.2.505 Number 604

$$\begin{aligned}
 604 &:= 1^1 + 9^0 + 24^2 + 26^1 = 11 + 90 + 242 + 261 \\
 604 &:= 2^1 + 9^0 + 24^2 + 25^1 = 21 + 90 + 242 + 251 \\
 604 &:= 2^9 + 3^3 + 8^2 + 46^0 = 29 + 33 + 82 + 460 \\
 604 &:= 2^9 + 3^4 + 10^1 + 44^0 = 29 + 34 + 101 + 440 \\
 604 &:= 3^1 + 9^0 + 24^1 + 24^2 = 31 + 90 + 241 + 242 \\
 604 &:= 4^1 + 9^0 + 23^1 + 24^2 = 41 + 90 + 231 + 242 \\
 604 &:= 5^1 + 9^0 + 22^1 + 24^2 = 51 + 90 + 221 + 242 \\
 604 &:= 6^1 + 9^0 + 21^1 + 24^2 = 61 + 90 + 211 + 242 \\
 604 &:= 7^1 + 9^0 + 20^1 + 24^2 = 71 + 90 + 201 + 242 \\
 604 &:= 8^1 + 9^0 + 19^1 + 24^2 = 81 + 90 + 191 + 242
 \end{aligned}$$

$$\begin{aligned}
 604 &:= 9^0 + 10^1 + 17^1 + 24^2 = 90 + 101 + 171 + 242 \\
 604 &:= 9^0 + 11^1 + 16^1 + 24^2 = 90 + 111 + 161 + 242 \\
 604 &:= 9^0 + 12^1 + 15^1 + 24^2 = 90 + 121 + 151 + 242 \\
 604 &:= 9^0 + 13^1 + 14^1 + 24^2 = 90 + 131 + 141 + 242 \\
 604 &:= 9^0 + 9^1 + 18^1 + 24^2 = 90 + 91 + 181 + 242 \\
 604 &:= 1^0 + 1^1 + 9^0 + 24^2 + 25^1 = 10 + 11 + 90 + 242 + 251 \\
 604 &:= 1^0 + 2^1 + 9^0 + 24^1 + 24^2 = 10 + 21 + 90 + 241 + 242 \\
 604 &:= 1^0 + 3^0 + 5^2 + 24^2 + 27^0 = 10 + 30 + 52 + 242 + 270 \\
 604 &:= 1^0 + 3^1 + 9^0 + 23^1 + 24^2 = 10 + 31 + 90 + 231 + 242 \\
 604 &:= 1^0 + 4^0 + 5^2 + 24^2 + 26^0 = 10 + 40 + 52 + 242 + 260
 \end{aligned}$$

$$\begin{aligned} 604 &:= 1^0 + 4^1 + 9^0 + 22^1 + 24^2 = 10 + 41 + 90 + 221 + 242 \\ 604 &:= 1^0 + 5^0 + 5^2 + 24^2 + 25^0 = 10 + 50 + 52 + 242 + 250 \\ 604 &:= 1^0 + 5^1 + 9^0 + 21^1 + 24^2 = 10 + 51 + 90 + 211 + 242 \\ 604 &:= 1^0 + 5^2 + 10^0 + 20^0 + 24^2 = 10 + 52 + 100 + 200 + 242 \\ 604 &:= 1^0 + 5^2 + 11^0 + 19^0 + 24^2 = 10 + 52 + 110 + 190 + 242 \\ 604 &:= 1^0 + 5^2 + 12^0 + 18^0 + 24^2 = 10 + 52 + 120 + 180 + 242 \\ 604 &:= 1^0 + 5^2 + 13^0 + 17^0 + 24^2 = 10 + 52 + 130 + 170 + 242 \\ 604 &:= 1^0 + 5^2 + 14^0 + 16^0 + 24^2 = 10 + 52 + 140 + 160 + 242 \\ 604 &:= 1^0 + 5^2 + 15^0 + 15^0 + 24^2 = 10 + 52 + 150 + 150 + 242 \\ 604 &:= 1^0 + 5^2 + 6^0 + 24^0 + 24^2 = 10 + 52 + 60 + 240 + 242 \\ 604 &:= 1^0 + 5^2 + 7^0 + 23^0 + 24^2 = 10 + 52 + 70 + 230 + 242 \\ 604 &:= 1^0 + 5^2 + 8^0 + 22^0 + 24^2 = 10 + 52 + 80 + 220 + 242 \\ 604 &:= 1^0 + 5^2 + 9^0 + 21^0 + 24^2 = 10 + 52 + 90 + 210 + 242 \\ 604 &:= 1^0 + 6^1 + 9^0 + 20^1 + 24^2 = 10 + 61 + 90 + 201 + 242 \\ 604 &:= 1^0 + 7^1 + 9^0 + 19^1 + 24^2 = 10 + 71 + 90 + 191 + 242 \\ 604 &:= 1^0 + 8^1 + 9^0 + 18^1 + 24^2 = 10 + 81 + 90 + 181 + 242 \\ 604 &:= 1^0 + 9^0 + 10^1 + 16^1 + 24^2 = 10 + 90 + 101 + 161 + 242 \\ 604 &:= 1^0 + 9^0 + 11^1 + 15^1 + 24^2 = 10 + 90 + 111 + 151 + 242 \\ 604 &:= 1^0 + 9^0 + 12^1 + 14^1 + 24^2 = 10 + 90 + 121 + 141 + 242 \\ 604 &:= 1^0 + 9^0 + 13^1 + 13^1 + 24^2 = 10 + 90 + 131 + 131 + 242 \\ 604 &:= 1^0 + 9^0 + 9^1 + 17^1 + 24^2 = 10 + 90 + 91 + 171 + 242 \\ 604 &:= 1^1 + 2^0 + 8^0 + 24^2 + 25^1 = 11 + 20 + 80 + 242 + 251 \\ 604 &:= 1^1 + 2^9 + 4^3 + 26^0 + 26^1 = 11 + 29 + 43 + 260 + 261 \\ 604 &:= 1^1 + 3^0 + 7^0 + 24^2 + 25^1 = 11 + 30 + 70 + 242 + 251 \\ 604 &:= 1^1 + 4^0 + 6^0 + 24^2 + 25^1 = 11 + 40 + 60 + 242 + 251 \\ 604 &:= 1^1 + 5^0 + 5^0 + 24^2 + 25^1 = 11 + 50 + 50 + 242 + 251 \\ 604 &:= 1^2 + 1^9 + 8^0 + 24^2 + 25^1 = 12 + 19 + 80 + 242 + 251 \\ 604 &:= 1^2 + 2^9 + 8^2 + 22^0 + 26^1 = 12 + 29 + 82 + 220 + 261 \\ 604 &:= 1^3 + 1^8 + 8^0 + 24^2 + 25^1 = 13 + 18 + 80 + 242 + 251 \\ 604 &:= 1^3 + 2^8 + 16^0 + 18^2 + 22^1 = 13 + 28 + 160 + 182 + 221 \\ 604 &:= 1^4 + 1^7 + 8^0 + 24^2 + 25^1 = 14 + 17 + 80 + 242 + 251 \\ 604 &:= 1^4 + 2^6 + 8^3 + 22^0 + 26^1 = 14 + 26 + 83 + 220 + 261 \\ 604 &:= 1^5 + 1^6 + 8^0 + 24^2 + 25^1 = 15 + 16 + 80 + 242 + 251 \\ 604 &:= 1^5 + 2^6 + 9^1 + 23^2 + 24^0 = 15 + 26 + 91 + 232 + 240 \\ 604 &:= 1^6 + 2^4 + 15^2 + 19^2 + 22^0 = 16 + 24 + 152 + 192 + 220 \\ 604 &:= 1^6 + 3^4 + 11^2 + 20^2 + 24^0 = 16 + 34 + 112 + 202 + 240 \\ 604 &:= 1^7 + 2^4 + 10^1 + 22^0 + 24^2 = 17 + 24 + 101 + 220 + 242 \\ 604 &:= 1^7 + 4^3 + 8^3 + 20^0 + 26^1 = 17 + 43 + 83 + 200 + 261 \end{aligned}$$

$$\begin{aligned} 604 &:= 1^7 + 4^4 + 14^0 + 18^2 + 22^1 = 17 + 44 + 140 + 182 + 221 \\ 604 &:= 1^7 + 5^3 + 6^2 + 21^2 + 26^0 = 17 + 53 + 62 + 212 + 260 \\ 604 &:= 1^8 + 11^2 + 15^2 + 16^0 + 16^2 = 18 + 112 + 152 + 160 + 162 \\ 604 &:= 1^8 + 12^2 + 13^2 + 16^0 + 17^2 = 18 + 122 + 132 + 160 + 172 \\ 604 &:= 1^8 + 2^3 + 14^0 + 18^1 + 24^2 = 18 + 23 + 140 + 181 + 242 \\ 604 &:= 1^8 + 2^6 + 2^9 + 26^1 + 27^0 = 18 + 26 + 29 + 261 + 270 \\ 604 &:= 1^8 + 3^2 + 8^2 + 23^2 + 24^0 = 18 + 32 + 82 + 232 + 240 \\ 604 &:= 1^8 + 4^2 + 15^2 + 19^2 + 20^0 = 18 + 42 + 152 + 192 + 200 \\ 604 &:= 1^8 + 4^3 + 9^1 + 22^0 + 23^2 = 18 + 43 + 91 + 220 + 232 \\ 604 &:= 1^8 + 6^3 + 8^0 + 19^2 + 25^1 = 18 + 63 + 80 + 192 + 251 \\ 604 &:= 1^8 + 8^2 + 8^3 + 16^0 + 26^1 = 18 + 82 + 83 + 160 + 261 \\ 604 &:= 1^8 + 9^2 + 11^2 + 18^0 + 20^2 = 18 + 92 + 112 + 180 + 202 \\ 604 &:= 1^9 + 2^0 + 16^2 + 18^2 + 22^1 = 19 + 20 + 162 + 182 + 221 \\ 604 &:= 1^9 + 2^2 + 10^0 + 22^1 + 24^2 = 19 + 22 + 100 + 221 + 242 \\ 604 &:= 1^9 + 3^2 + 14^0 + 17^1 + 24^2 = 19 + 32 + 140 + 171 + 242 \\ 604 &:= 1^9 + 4^0 + 7^2 + 23^2 + 24^1 = 19 + 40 + 72 + 232 + 241 \\ 604 &:= 1^9 + 4^2 + 10^1 + 20^0 + 24^2 = 19 + 42 + 101 + 200 + 242 \\ 604 &:= 1^9 + 6^1 + 14^2 + 18^0 + 20^2 = 19 + 61 + 142 + 180 + 202 \\ 604 &:= 1^9 + 8^0 + 10^2 + 18^1 + 22^2 = 19 + 80 + 102 + 181 + 222 \\ 604 &:= 1^9 + 8^0 + 12^2 + 17^1 + 21^2 = 19 + 80 + 122 + 171 + 212 \\ 604 &:= 1^9 + 8^0 + 15^2 + 16^1 + 19^2 = 19 + 80 + 152 + 161 + 192 \\ 604 &:= 1^9 + 8^2 + 9^1 + 18^0 + 23^2 = 19 + 82 + 91 + 180 + 232 \\ 604 &:= 2^0 + 2^0 + 5^2 + 24^2 + 27^0 = 20 + 20 + 52 + 242 + 270 \\ 604 &:= 2^0 + 2^1 + 8^0 + 24^1 + 24^2 = 20 + 21 + 80 + 241 + 242 \\ 604 &:= 2^0 + 3^0 + 5^2 + 24^2 + 26^0 = 20 + 30 + 52 + 242 + 260 \\ 604 &:= 2^0 + 3^1 + 8^0 + 23^1 + 24^2 = 20 + 31 + 80 + 231 + 242 \\ 604 &:= 2^0 + 4^0 + 5^2 + 24^2 + 25^0 = 20 + 40 + 52 + 242 + 250 \\ 604 &:= 2^0 + 4^1 + 8^0 + 22^1 + 24^2 = 20 + 41 + 80 + 221 + 242 \\ 604 &:= 2^0 + 5^0 + 5^2 + 24^0 + 24^2 = 20 + 50 + 52 + 240 + 242 \\ 604 &:= 2^0 + 5^1 + 8^0 + 21^1 + 24^2 = 20 + 51 + 80 + 211 + 242 \\ 604 &:= 2^0 + 5^2 + 10^0 + 19^0 + 24^2 = 20 + 52 + 100 + 190 + 242 \\ 604 &:= 2^0 + 5^2 + 11^0 + 18^0 + 24^2 = 20 + 52 + 110 + 180 + 242 \\ 604 &:= 2^0 + 5^2 + 12^0 + 17^0 + 24^2 = 20 + 52 + 120 + 170 + 242 \\ 604 &:= 2^0 + 5^2 + 13^0 + 16^0 + 24^2 = 20 + 52 + 130 + 160 + 242 \\ 604 &:= 2^0 + 5^2 + 14^0 + 15^0 + 24^2 = 20 + 52 + 140 + 150 + 242 \\ 604 &:= 2^0 + 5^2 + 6^0 + 23^0 + 24^2 = 20 + 52 + 60 + 230 + 242 \\ 604 &:= 2^0 + 5^2 + 7^0 + 22^0 + 24^2 = 20 + 52 + 70 + 220 + 242 \\ 604 &:= 2^0 + 5^2 + 8^0 + 21^0 + 24^2 = 20 + 52 + 80 + 210 + 242 \end{aligned}$$

$$\begin{aligned} 604 &:= 2^0 + 5^2 + 9^0 + 20^0 + 24^2 = 20 + 52 + 90 + 200 + 242 & 604 &:= 2^9 + 4^3 + 9^1 + 18^1 + 26^0 = 29 + 43 + 91 + 181 + 260 \\ 604 &:= 2^0 + 6^1 + 8^0 + 20^1 + 24^2 = 20 + 61 + 80 + 201 + 242 & 604 &:= 2^9 + 6^2 + 6^2 + 19^1 + 26^0 = 29 + 62 + 62 + 191 + 260 \\ 604 &:= 2^0 + 7^1 + 8^0 + 19^1 + 24^2 = 20 + 71 + 80 + 191 + 242 & 604 &:= 3^0 + 3^0 + 5^2 + 24^2 + 25^0 = 30 + 30 + 52 + 242 + 250 \\ 604 &:= 2^0 + 8^0 + 10^1 + 16^1 + 24^2 = 20 + 80 + 101 + 161 + 242 & 604 &:= 3^0 + 3^1 + 7^0 + 23^1 + 24^2 = 30 + 31 + 70 + 231 + 242 \\ 604 &:= 2^0 + 8^0 + 11^1 + 15^1 + 24^2 = 20 + 80 + 111 + 151 + 242 & 604 &:= 3^0 + 4^0 + 5^2 + 24^0 + 24^2 = 30 + 40 + 52 + 240 + 242 \\ 604 &:= 2^0 + 8^0 + 12^1 + 14^1 + 24^2 = 20 + 80 + 121 + 141 + 242 & 604 &:= 3^0 + 4^1 + 7^0 + 22^1 + 24^2 = 30 + 41 + 70 + 221 + 242 \\ 604 &:= 2^0 + 8^0 + 13^1 + 13^1 + 24^2 = 20 + 80 + 131 + 131 + 242 & 604 &:= 3^0 + 5^0 + 5^2 + 23^0 + 24^2 = 30 + 50 + 52 + 230 + 242 \\ 604 &:= 2^0 + 8^0 + 8^1 + 18^1 + 24^2 = 20 + 80 + 81 + 181 + 242 & 604 &:= 3^0 + 5^1 + 7^0 + 21^1 + 24^2 = 30 + 51 + 70 + 211 + 242 \\ 604 &:= 2^0 + 8^0 + 9^1 + 17^1 + 24^2 = 20 + 80 + 91 + 171 + 242 & 604 &:= 3^0 + 5^2 + 10^0 + 18^0 + 24^2 = 30 + 52 + 100 + 180 + 242 \\ 604 &:= 2^1 + 2^9 + 4^3 + 25^1 + 26^0 = 21 + 29 + 43 + 251 + 260 & 604 &:= 3^0 + 5^2 + 11^0 + 17^0 + 24^2 = 30 + 52 + 110 + 170 + 242 \\ 604 &:= 2^1 + 3^0 + 7^0 + 24^1 + 24^2 = 21 + 30 + 70 + 241 + 242 & 604 &:= 3^0 + 5^2 + 12^0 + 16^0 + 24^2 = 30 + 52 + 120 + 160 + 242 \\ 604 &:= 2^1 + 4^0 + 6^0 + 24^1 + 24^2 = 21 + 40 + 60 + 241 + 242 & 604 &:= 3^0 + 5^2 + 13^0 + 15^0 + 24^2 = 30 + 52 + 130 + 150 + 242 \\ 604 &:= 2^1 + 5^0 + 5^0 + 24^1 + 24^2 = 21 + 50 + 50 + 241 + 242 & 604 &:= 3^0 + 5^2 + 14^0 + 14^0 + 24^2 = 30 + 52 + 140 + 140 + 242 \\ 604 &:= 2^2 + 2^9 + 8^2 + 23^1 + 24^0 = 22 + 29 + 82 + 231 + 240 & 604 &:= 3^0 + 5^2 + 6^0 + 22^0 + 24^2 = 30 + 52 + 60 + 220 + 242 \\ 604 &:= 2^3 + 2^8 + 15^1 + 18^2 + 22^0 = 23 + 28 + 151 + 182 + 220 & 604 &:= 3^0 + 5^2 + 7^0 + 21^0 + 24^2 = 30 + 52 + 70 + 210 + 242 \\ 604 &:= 2^4 + 2^7 + 16^0 + 18^1 + 21^2 = 24 + 27 + 160 + 181 + 212 & 604 &:= 3^0 + 5^2 + 8^0 + 20^0 + 24^2 = 30 + 52 + 80 + 200 + 242 \\ 604 &:= 2^5 + 2^5 + 8^3 + 20^0 + 27^1 = 25 + 25 + 83 + 200 + 271 & 604 &:= 3^0 + 5^2 + 9^0 + 19^0 + 24^2 = 30 + 52 + 90 + 190 + 242 \\ 604 &:= 2^5 + 2^6 + 10^0 + 22^2 + 23^1 = 25 + 26 + 100 + 222 + 231 & 604 &:= 3^0 + 6^1 + 7^0 + 20^1 + 24^2 = 30 + 61 + 70 + 201 + 242 \\ 604 &:= 2^6 + 3^4 + 13^2 + 17^2 + 24^0 = 26 + 34 + 132 + 172 + 240 & 604 &:= 3^0 + 7^0 + 10^1 + 16^1 + 24^2 = 30 + 70 + 101 + 161 + 242 \\ 604 &:= 2^7 + 4^4 + 14^2 + 16^0 + 23^1 = 27 + 44 + 142 + 160 + 231 & 604 &:= 3^0 + 7^0 + 11^1 + 15^1 + 24^2 = 30 + 70 + 111 + 151 + 242 \\ 604 &:= 2^8 + 4^3 + 10^0 + 16^2 + 27^1 = 28 + 43 + 100 + 162 + 271 & 604 &:= 3^0 + 7^0 + 12^1 + 14^1 + 24^2 = 30 + 70 + 121 + 141 + 242 \\ 604 &:= 2^8 + 5^3 + 12^0 + 14^2 + 26^1 = 28 + 53 + 120 + 142 + 261 & 604 &:= 3^0 + 7^0 + 13^1 + 13^1 + 24^2 = 30 + 70 + 131 + 131 + 242 \\ 604 &:= 2^9 + 3^1 + 4^3 + 24^1 + 26^0 = 29 + 31 + 43 + 241 + 260 & 604 &:= 3^0 + 7^0 + 7^1 + 19^1 + 24^2 = 30 + 70 + 71 + 191 + 242 \\ 604 &:= 2^9 + 3^4 + 9^1 + 18^0 + 27^0 = 29 + 34 + 91 + 180 + 270 & 604 &:= 3^0 + 7^0 + 8^1 + 18^1 + 24^2 = 30 + 70 + 81 + 181 + 242 \\ 604 &:= 2^9 + 3^4 + 9^1 + 19^0 + 26^0 = 29 + 34 + 91 + 190 + 260 & 604 &:= 3^0 + 7^0 + 9^1 + 17^1 + 24^2 = 30 + 70 + 91 + 171 + 242 \\ 604 &:= 2^9 + 3^4 + 9^1 + 20^0 + 25^0 = 29 + 34 + 91 + 200 + 250 & 604 &:= 3^1 + 4^0 + 6^0 + 23^1 + 24^2 = 31 + 40 + 60 + 231 + 242 \\ 604 &:= 2^9 + 3^4 + 9^1 + 21^0 + 24^0 = 29 + 34 + 91 + 210 + 240 & 604 &:= 3^1 + 5^0 + 5^0 + 23^1 + 24^2 = 31 + 50 + 50 + 231 + 242 \\ 604 &:= 2^9 + 3^4 + 9^1 + 22^0 + 23^0 = 29 + 34 + 91 + 220 + 230 & 604 &:= 3^4 + 3^5 + 4^4 + 23^1 + 26^0 = 34 + 35 + 44 + 231 + 260 \\ 604 &:= 2^9 + 4^1 + 4^3 + 23^1 + 26^0 = 29 + 41 + 43 + 231 + 260 & 604 &:= 4^0 + 4^0 + 5^2 + 23^0 + 24^2 = 40 + 40 + 52 + 230 + 242 \\ 604 &:= 2^9 + 4^2 + 7^2 + 20^0 + 26^1 = 29 + 42 + 72 + 200 + 261 & 604 &:= 4^0 + 4^1 + 6^0 + 22^1 + 24^2 = 40 + 41 + 60 + 221 + 242 \\ 604 &:= 2^9 + 4^3 + 10^1 + 17^1 + 26^0 = 29 + 43 + 101 + 171 + 260 & 604 &:= 4^0 + 5^0 + 5^2 + 22^0 + 24^2 = 40 + 50 + 52 + 220 + 242 \\ 604 &:= 2^9 + 4^3 + 11^1 + 16^1 + 26^0 = 29 + 43 + 111 + 161 + 260 & 604 &:= 4^0 + 5^1 + 6^0 + 21^1 + 24^2 = 40 + 51 + 60 + 211 + 242 \\ 604 &:= 2^9 + 4^3 + 12^1 + 15^1 + 26^0 = 29 + 43 + 121 + 151 + 260 & 604 &:= 4^0 + 5^2 + 10^0 + 17^0 + 24^2 = 40 + 52 + 100 + 170 + 242 \\ 604 &:= 2^9 + 4^3 + 13^1 + 14^1 + 26^0 = 29 + 43 + 131 + 141 + 260 & 604 &:= 4^0 + 5^2 + 11^0 + 16^0 + 24^2 = 40 + 52 + 110 + 160 + 242 \\ 604 &:= 2^9 + 4^3 + 5^1 + 22^1 + 26^0 = 29 + 43 + 51 + 221 + 260 & 604 &:= 4^0 + 5^2 + 12^0 + 15^0 + 24^2 = 40 + 52 + 120 + 150 + 242 \\ 604 &:= 2^9 + 4^3 + 6^1 + 21^1 + 26^0 = 29 + 43 + 61 + 211 + 260 & 604 &:= 4^0 + 5^2 + 13^0 + 14^0 + 24^2 = 40 + 52 + 130 + 140 + 242 \\ 604 &:= 2^9 + 4^3 + 7^1 + 20^1 + 26^0 = 29 + 43 + 71 + 201 + 260 & 604 &:= 4^0 + 5^2 + 6^0 + 21^0 + 24^2 = 40 + 52 + 60 + 210 + 242 \\ 604 &:= 2^9 + 4^3 + 8^1 + 19^1 + 26^0 = 29 + 43 + 81 + 191 + 260 & 604 &:= 4^0 + 5^2 + 7^0 + 20^0 + 24^2 = 40 + 52 + 70 + 200 + 242 \end{aligned}$$

$604 := 4^0 + 5^2 + 8^0 + 19^0 + 24^2 = 40 + 52 + 80 + 190 + 242$	$604 := 5^0 + 5^2 + 7^0 + 19^0 + 24^2 = 50 + 52 + 70 + 190 + 242$
$604 := 4^0 + 5^2 + 9^0 + 18^0 + 24^2 = 40 + 52 + 90 + 180 + 242$	$604 := 5^0 + 5^2 + 8^0 + 18^0 + 24^2 = 50 + 52 + 80 + 180 + 242$
$604 := 4^0 + 6^0 + 10^1 + 16^1 + 24^2 = 40 + 60 + 101 + 161 + 242$	$604 := 5^0 + 5^2 + 9^0 + 17^0 + 24^2 = 50 + 52 + 90 + 170 + 242$
$604 := 4^0 + 6^0 + 11^1 + 15^1 + 24^2 = 40 + 60 + 111 + 151 + 242$	$604 := 5^2 + 10^0 + 10^0 + 11^0 + 24^2 = 52 + 100 + 100 + 110 + 242$
$604 := 4^0 + 6^0 + 12^1 + 14^1 + 24^2 = 40 + 60 + 121 + 141 + 242$	$604 := 5^2 + 6^0 + 10^0 + 15^0 + 24^2 = 52 + 60 + 100 + 150 + 242$
$604 := 4^0 + 6^0 + 13^1 + 13^1 + 24^2 = 40 + 60 + 131 + 131 + 242$	$604 := 5^2 + 6^0 + 11^0 + 14^0 + 24^2 = 52 + 60 + 110 + 140 + 242$
$604 := 4^0 + 6^0 + 6^1 + 20^1 + 24^2 = 40 + 60 + 61 + 201 + 242$	$604 := 5^2 + 6^0 + 12^0 + 13^0 + 24^2 = 52 + 60 + 120 + 130 + 242$
$604 := 4^0 + 6^0 + 7^1 + 19^1 + 24^2 = 40 + 60 + 71 + 191 + 242$	$604 := 5^2 + 6^0 + 6^0 + 19^0 + 24^2 = 52 + 60 + 60 + 190 + 242$
$604 := 4^0 + 6^0 + 8^1 + 18^1 + 24^2 = 40 + 60 + 81 + 181 + 242$	$604 := 5^2 + 6^0 + 7^0 + 18^0 + 24^2 = 52 + 60 + 70 + 180 + 242$
$604 := 4^0 + 6^0 + 9^1 + 17^1 + 24^2 = 40 + 60 + 91 + 171 + 242$	$604 := 5^2 + 6^0 + 8^0 + 17^0 + 24^2 = 52 + 60 + 80 + 170 + 242$
$604 := 4^1 + 5^0 + 5^0 + 22^1 + 24^2 = 41 + 50 + 50 + 221 + 242$	$604 := 5^2 + 6^0 + 9^0 + 16^0 + 24^2 = 52 + 60 + 90 + 160 + 242$
$604 := 5^0 + 5^0 + 10^1 + 16^1 + 24^2 = 50 + 50 + 101 + 161 + 242$	$604 := 5^2 + 7^0 + 10^0 + 14^0 + 24^2 = 52 + 70 + 100 + 140 + 242$
$604 := 5^0 + 5^0 + 11^1 + 15^1 + 24^2 = 50 + 50 + 111 + 151 + 242$	$604 := 5^2 + 7^0 + 11^0 + 13^0 + 24^2 = 52 + 70 + 110 + 130 + 242$
$604 := 5^0 + 5^0 + 12^1 + 14^1 + 24^2 = 50 + 50 + 121 + 141 + 242$	$604 := 5^2 + 7^0 + 12^0 + 12^0 + 24^2 = 52 + 70 + 120 + 120 + 242$
$604 := 5^0 + 5^0 + 13^1 + 13^1 + 24^2 = 50 + 50 + 131 + 131 + 242$	$604 := 5^2 + 7^0 + 7^0 + 17^0 + 24^2 = 52 + 70 + 70 + 170 + 242$
$604 := 5^0 + 5^0 + 5^1 + 21^1 + 24^2 = 50 + 50 + 51 + 211 + 242$	$604 := 5^2 + 7^0 + 8^0 + 16^0 + 24^2 = 52 + 70 + 80 + 160 + 242$
$604 := 5^0 + 5^0 + 5^2 + 21^0 + 24^2 = 50 + 50 + 52 + 210 + 242$	$604 := 5^2 + 7^0 + 9^0 + 15^0 + 24^2 = 52 + 70 + 90 + 150 + 242$
$604 := 5^0 + 5^0 + 6^1 + 20^1 + 24^2 = 50 + 50 + 61 + 201 + 242$	$604 := 5^2 + 8^0 + 10^0 + 13^0 + 24^2 = 52 + 80 + 100 + 130 + 242$
$604 := 5^0 + 5^0 + 7^1 + 19^1 + 24^2 = 50 + 50 + 71 + 191 + 242$	$604 := 5^2 + 8^0 + 11^0 + 12^0 + 24^2 = 52 + 80 + 110 + 120 + 242$
$604 := 5^0 + 5^0 + 8^1 + 18^1 + 24^2 = 50 + 50 + 81 + 181 + 242$	$604 := 5^2 + 8^0 + 8^0 + 15^0 + 24^2 = 52 + 80 + 80 + 150 + 242$
$604 := 5^0 + 5^0 + 9^1 + 17^1 + 24^2 = 50 + 50 + 91 + 171 + 242$	$604 := 5^2 + 8^0 + 9^0 + 14^0 + 24^2 = 52 + 80 + 90 + 140 + 242$
$604 := 5^0 + 5^2 + 10^0 + 16^0 + 24^2 = 50 + 52 + 100 + 160 + 242$	$604 := 5^2 + 9^0 + 10^0 + 12^0 + 24^2 = 52 + 90 + 100 + 120 + 242$
$604 := 5^0 + 5^2 + 11^0 + 15^0 + 24^2 = 50 + 52 + 110 + 150 + 242$	$604 := 5^2 + 9^0 + 11^0 + 11^0 + 24^2 = 52 + 90 + 110 + 110 + 242$
$604 := 5^0 + 5^2 + 12^0 + 14^0 + 24^2 = 50 + 52 + 120 + 140 + 242$	$604 := 5^2 + 9^0 + 9^0 + 13^0 + 24^2 = 52 + 90 + 90 + 130 + 242$
$604 := 5^0 + 5^2 + 13^0 + 13^0 + 24^2 = 50 + 52 + 130 + 130 + 242$	
$604 := 5^0 + 5^2 + 6^0 + 20^0 + 24^2 = 50 + 52 + 60 + 200 + 242$	

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$605 := 1^0 + 3^3 + 24^2 + 32^0 = 10 + 33 + 242 + 320$	$605 := 2^3 + 2^9 + 6^2 + 49^1 = 23 + 29 + 62 + 491$
$605 := 1^2 + 8^0 + 24^2 + 27^1 = 12 + 80 + 242 + 271$	$605 := 2^9 + 3^3 + 4^2 + 50^1 = 29 + 33 + 42 + 501$
$605 := 1^5 + 2^7 + 21^2 + 35^1 = 15 + 27 + 212 + 351$	$605 := 3^0 + 3^3 + 24^2 + 30^0 = 30 + 33 + 242 + 300$
$605 := 1^7 + 3^5 + 18^2 + 37^1 = 17 + 35 + 182 + 371$	$605 := 3^1 + 5^2 + 24^2 + 28^0 = 31 + 52 + 242 + 280$
$605 := 1^8 + 6^3 + 7^3 + 45^1 = 18 + 63 + 73 + 451$	$605 := 3^2 + 14^0 + 19^1 + 24^2 = 32 + 140 + 191 + 242$
$605 := 1^9 + 7^2 + 8^3 + 43^1 = 19 + 72 + 83 + 431$	$605 := 3^3 + 10^0 + 23^0 + 24^2 = 33 + 100 + 230 + 242$
$605 := 1^9 + 7^3 + 15^2 + 36^1 = 19 + 73 + 152 + 361$	$605 := 3^3 + 11^0 + 22^0 + 24^2 = 33 + 110 + 220 + 242$
$605 := 2^0 + 16^2 + 18^2 + 24^1 = 20 + 162 + 182 + 241$	$605 := 3^3 + 12^0 + 21^0 + 24^2 = 33 + 120 + 210 + 242$
$605 := 2^0 + 3^3 + 24^2 + 31^0 = 20 + 33 + 242 + 310$	$605 := 3^3 + 13^0 + 20^0 + 24^2 = 33 + 130 + 200 + 242$
$605 := 2^2 + 10^0 + 24^1 + 24^2 = 22 + 100 + 241 + 242$	$605 := 3^3 + 14^0 + 19^0 + 24^2 = 33 + 140 + 190 + 242$

$605 := 3^3 + 15^0 + 18^0 + 24^2$	$= 33 + 150 + 180 + 242$	$605 := 1^1 + 8^0 + 8^1 + 19^1 + 24^2$	$= 11 + 80 + 81 + 191 + 242$
$605 := 3^3 + 16^0 + 17^0 + 24^2$	$= 33 + 160 + 170 + 242$	$605 := 1^1 + 8^0 + 9^1 + 18^1 + 24^2$	$= 11 + 80 + 91 + 181 + 242$
$605 := 3^3 + 4^0 + 24^2 + 29^0$	$= 33 + 40 + 242 + 290$	$605 := 1^2 + 1^8 + 16^2 + 18^2 + 23^1$	$= 12 + 18 + 162 + 182 + 231$
$605 := 3^3 + 5^0 + 24^2 + 28^0$	$= 33 + 50 + 242 + 280$	$605 := 1^2 + 2^0 + 7^0 + 24^2 + 26^1$	$= 12 + 20 + 70 + 242 + 261$
$605 := 3^3 + 6^0 + 24^2 + 27^0$	$= 33 + 60 + 242 + 270$	$605 := 1^2 + 2^9 + 4^3 + 25^0 + 27^1$	$= 12 + 29 + 43 + 250 + 271$
$605 := 3^3 + 7^0 + 24^2 + 26^0$	$= 33 + 70 + 242 + 260$	$605 := 1^2 + 3^0 + 6^0 + 24^2 + 26^1$	$= 12 + 30 + 60 + 242 + 261$
$605 := 3^3 + 8^0 + 24^2 + 25^0$	$= 33 + 80 + 242 + 250$	$605 := 1^2 + 4^0 + 5^0 + 24^2 + 26^1$	$= 12 + 40 + 50 + 242 + 261$
$605 := 3^3 + 9^0 + 24^0 + 24^2$	$= 33 + 90 + 240 + 242$	$605 := 1^3 + 1^7 + 16^2 + 18^2 + 23^1$	$= 13 + 17 + 162 + 182 + 231$
$605 := 4^0 + 7^2 + 23^2 + 26^1$	$= 40 + 72 + 232 + 261$	$605 := 1^3 + 1^9 + 7^0 + 24^2 + 26^1$	$= 13 + 19 + 70 + 242 + 261$
$605 := 4^2 + 12^1 + 20^0 + 24^2$	$= 42 + 121 + 200 + 242$	$605 := 1^3 + 2^7 + 15^2 + 15^2 + 26^1$	$= 13 + 27 + 152 + 152 + 261$
$605 := 8^0 + 10^2 + 20^1 + 22^2$	$= 80 + 102 + 201 + 222$	$605 := 1^3 + 2^9 + 8^2 + 21^0 + 27^1$	$= 13 + 29 + 82 + 210 + 271$
$605 := 8^0 + 12^2 + 19^1 + 21^2$	$= 80 + 122 + 191 + 212$	$605 := 1^4 + 1^6 + 16^2 + 18^2 + 23^1$	$= 14 + 16 + 162 + 182 + 231$
$605 := 8^0 + 15^2 + 18^1 + 19^2$	$= 80 + 152 + 181 + 192$	$605 := 1^4 + 1^8 + 7^0 + 24^2 + 26^1$	$= 14 + 18 + 70 + 242 + 261$
$605 := 8^1 + 14^2 + 18^0 + 20^2$	$= 81 + 142 + 180 + 202$	$605 := 1^4 + 2^7 + 10^1 + 21^2 + 25^1$	$= 14 + 27 + 101 + 212 + 251$
$605 := 8^2 + 11^1 + 18^0 + 23^2$	$= 82 + 111 + 180 + 232$	$605 := 1^4 + 2^7 + 11^1 + 21^2 + 24^1$	$= 14 + 27 + 111 + 212 + 241$
$605 := 1^0 + 1^2 + 8^0 + 24^2 + 26^1$	$= 10 + 12 + 80 + 242 + 261$	$605 := 1^4 + 2^7 + 12^1 + 21^2 + 23^1$	$= 14 + 27 + 121 + 212 + 231$
$605 := 1^0 + 2^0 + 16^2 + 18^2 + 23^1$	$= 10 + 20 + 162 + 182 + 231$	$605 := 1^4 + 2^7 + 13^1 + 21^2 + 22^1$	$= 14 + 27 + 131 + 212 + 221$
$605 := 1^0 + 2^2 + 10^0 + 23^1 + 24^2$	$= 10 + 22 + 100 + 231 + 242$	$605 := 1^4 + 2^7 + 14^1 + 21^1 + 21^2$	$= 14 + 27 + 141 + 211 + 212$
$605 := 1^0 + 3^2 + 14^0 + 18^1 + 24^2$	$= 10 + 32 + 140 + 181 + 242$	$605 := 1^4 + 2^7 + 15^1 + 20^1 + 21^2$	$= 14 + 27 + 151 + 201 + 212$
$605 := 1^0 + 4^0 + 7^2 + 23^2 + 25^1$	$= 10 + 40 + 72 + 232 + 251$	$605 := 1^4 + 2^7 + 16^1 + 19^1 + 21^2$	$= 14 + 27 + 161 + 191 + 212$
$605 := 1^0 + 4^2 + 11^1 + 20^0 + 24^2$	$= 10 + 42 + 111 + 200 + 242$	$605 := 1^4 + 2^7 + 17^1 + 18^1 + 21^2$	$= 14 + 27 + 171 + 181 + 212$
$605 := 1^0 + 7^1 + 14^2 + 18^0 + 20^2$	$= 10 + 71 + 142 + 180 + 202$	$605 := 1^4 + 2^7 + 8^1 + 21^2 + 27^1$	$= 14 + 27 + 81 + 212 + 271$
$605 := 1^0 + 8^0 + 10^2 + 19^1 + 22^2$	$= 10 + 80 + 102 + 191 + 222$	$605 := 1^4 + 2^7 + 9^1 + 21^2 + 26^1$	$= 14 + 27 + 91 + 212 + 261$
$605 := 1^0 + 8^0 + 12^2 + 18^1 + 21^2$	$= 10 + 80 + 122 + 181 + 212$	$605 := 1^4 + 2^8 + 15^0 + 18^2 + 23^1$	$= 14 + 28 + 150 + 182 + 231$
$605 := 1^0 + 8^0 + 15^2 + 17^1 + 19^2$	$= 10 + 80 + 152 + 171 + 192$	$605 := 1^5 + 1^5 + 16^2 + 18^2 + 23^1$	$= 15 + 15 + 162 + 182 + 231$
$605 := 1^0 + 8^2 + 10^1 + 18^0 + 23^2$	$= 10 + 82 + 101 + 180 + 232$	$605 := 1^5 + 1^7 + 7^0 + 24^2 + 26^1$	$= 15 + 17 + 70 + 242 + 261$
$605 := 1^1 + 1^1 + 8^0 + 24^2 + 26^1$	$= 11 + 11 + 80 + 242 + 261$	$605 := 1^5 + 2^5 + 15^2 + 18^2 + 23^1$	$= 15 + 25 + 152 + 182 + 231$
$605 := 1^1 + 1^9 + 16^2 + 18^2 + 23^1$	$= 11 + 19 + 162 + 182 + 231$	$605 := 1^5 + 2^6 + 8^3 + 21^0 + 27^1$	$= 15 + 26 + 83 + 210 + 271$
$605 := 1^1 + 2^1 + 8^0 + 24^2 + 25^1$	$= 11 + 21 + 80 + 242 + 251$	$605 := 1^6 + 1^6 + 7^0 + 24^2 + 26^1$	$= 16 + 16 + 70 + 242 + 261$
$605 := 1^1 + 3^1 + 8^0 + 24^1 + 24^2$	$= 11 + 31 + 80 + 241 + 242$	$605 := 1^6 + 2^6 + 10^1 + 23^0 + 23^2$	$= 16 + 26 + 101 + 230 + 232$
$605 := 1^1 + 4^1 + 8^0 + 23^1 + 24^2$	$= 11 + 41 + 80 + 231 + 242$	$605 := 1^6 + 3^5 + 10^1 + 18^2 + 27^1$	$= 16 + 35 + 101 + 182 + 271$
$605 := 1^1 + 5^1 + 8^0 + 22^1 + 24^2$	$= 11 + 51 + 80 + 221 + 242$	$605 := 1^6 + 3^5 + 11^1 + 18^2 + 26^1$	$= 16 + 35 + 111 + 182 + 261$
$605 := 1^1 + 6^1 + 8^0 + 21^1 + 24^2$	$= 11 + 61 + 80 + 211 + 242$	$605 := 1^6 + 3^5 + 12^1 + 18^2 + 25^1$	$= 16 + 35 + 121 + 182 + 251$
$605 := 1^1 + 7^1 + 8^0 + 20^1 + 24^2$	$= 11 + 71 + 80 + 201 + 242$	$605 := 1^6 + 3^5 + 13^1 + 18^2 + 24^1$	$= 16 + 35 + 131 + 182 + 241$
$605 := 1^1 + 8^0 + 10^1 + 17^1 + 24^2$	$= 11 + 80 + 101 + 171 + 242$	$605 := 1^6 + 3^5 + 14^1 + 18^2 + 23^1$	$= 16 + 35 + 141 + 182 + 231$
$605 := 1^1 + 8^0 + 11^1 + 16^1 + 24^2$	$= 11 + 80 + 111 + 161 + 242$	$605 := 1^6 + 3^5 + 15^1 + 18^2 + 22^1$	$= 16 + 35 + 151 + 182 + 221$
$605 := 1^1 + 8^0 + 12^1 + 15^1 + 24^2$	$= 11 + 80 + 121 + 151 + 242$	$605 := 1^6 + 3^5 + 16^1 + 18^2 + 21^1$	$= 16 + 35 + 161 + 182 + 211$
$605 := 1^1 + 8^0 + 13^1 + 14^1 + 24^2$	$= 11 + 80 + 131 + 141 + 242$	$605 := 1^6 + 3^5 + 17^1 + 18^2 + 20^1$	$= 16 + 35 + 171 + 182 + 201$

$$\begin{aligned} 605 &:= 1^6 + 3^5 + 18^1 + 18^2 + 19^1 = 16 + 35 + 181 + 182 + 191 & 605 &:= 1^9 + 2^1 + 16^2 + 18^2 + 22^1 = 19 + 21 + 162 + 182 + 221 \\ 605 &:= 1^7 + 3^4 + 9^2 + 21^2 + 25^0 = 17 + 34 + 92 + 212 + 250 & 605 &:= 1^9 + 2^3 + 13^0 + 19^1 + 24^2 = 19 + 23 + 130 + 191 + 242 \\ 605 &:= 1^7 + 6^3 + 7^3 + 18^1 + 27^1 = 17 + 63 + 73 + 181 + 271 & 605 &:= 1^9 + 2^6 + 2^9 + 26^0 + 27^1 = 19 + 26 + 29 + 260 + 271 \\ 605 &:= 1^7 + 6^3 + 7^3 + 19^1 + 26^1 = 17 + 63 + 73 + 191 + 261 & 605 &:= 1^9 + 3^1 + 16^2 + 18^2 + 21^1 = 19 + 31 + 162 + 182 + 211 \\ 605 &:= 1^7 + 6^3 + 7^3 + 20^1 + 25^1 = 17 + 63 + 73 + 201 + 251 & 605 &:= 1^9 + 4^1 + 16^2 + 18^2 + 20^1 = 19 + 41 + 162 + 182 + 201 \\ 605 &:= 1^7 + 6^3 + 7^3 + 21^1 + 24^1 = 17 + 63 + 73 + 211 + 241 & 605 &:= 1^9 + 4^3 + 10^1 + 21^0 + 23^2 = 19 + 43 + 101 + 210 + 232 \\ 605 &:= 1^7 + 6^3 + 7^3 + 22^1 + 23^1 = 17 + 63 + 73 + 221 + 231 & 605 &:= 1^9 + 5^1 + 16^2 + 18^2 + 19^1 = 19 + 51 + 162 + 182 + 191 \\ 605 &:= 1^8 + 14^2 + 14^2 + 14^2 + 16^1 = 18 + 142 + 142 + 142 + 161 & 605 &:= 1^9 + 5^2 + 17^2 + 17^2 + 19^0 = 19 + 52 + 172 + 172 + 190 \\ 605 &:= 1^8 + 2^2 + 17^2 + 17^2 + 22^1 = 18 + 22 + 172 + 172 + 221 & 605 &:= 1^9 + 5^2 + 7^2 + 23^0 + 23^2 = 19 + 52 + 72 + 230 + 232 \\ 605 &:= 1^8 + 2^4 + 11^1 + 21^0 + 24^2 = 18 + 24 + 111 + 210 + 242 & 605 &:= 1^9 + 6^1 + 16^2 + 18^1 + 18^2 = 19 + 61 + 162 + 181 + 182 \\ 605 &:= 1^8 + 4^2 + 9^2 + 22^2 + 23^1 = 18 + 42 + 92 + 222 + 231 & 605 &:= 1^9 + 6^3 + 7^0 + 19^2 + 26^1 = 19 + 63 + 70 + 192 + 261 \\ 605 &:= 1^8 + 4^3 + 8^3 + 19^0 + 27^1 = 18 + 43 + 83 + 190 + 271 & 605 &:= 1^9 + 7^1 + 16^2 + 17^1 + 18^2 = 19 + 71 + 162 + 171 + 182 \\ 605 &:= 1^8 + 4^4 + 13^0 + 18^2 + 23^1 = 18 + 44 + 130 + 182 + 231 & 605 &:= 1^9 + 8^1 + 16^1 + 16^2 + 18^2 = 19 + 81 + 161 + 162 + 182 \\ 605 &:= 1^8 + 5^2 + 5^2 + 23^2 + 25^1 = 18 + 52 + 52 + 232 + 251 & 605 &:= 1^9 + 8^2 + 8^3 + 15^0 + 27^1 = 19 + 82 + 83 + 150 + 271 \\ 605 &:= 1^8 + 6^2 + 15^2 + 18^2 + 19^1 = 18 + 62 + 152 + 182 + 191 & 605 &:= 1^9 + 9^1 + 15^1 + 16^2 + 18^2 = 19 + 91 + 151 + 162 + 182 \\ 605 &:= 1^8 + 7^2 + 7^2 + 22^1 + 22^2 = 18 + 72 + 72 + 221 + 222 & 605 &:= 1^9 + 9^2 + 9^2 + 19^0 + 21^2 = 19 + 92 + 92 + 190 + 212 \\ 605 &:= 1^8 + 7^2 + 8^3 + 16^1 + 27^1 = 18 + 72 + 83 + 161 + 271 & 605 &:= 2^0 + 2^1 + 5^2 + 24^2 + 27^0 = 20 + 21 + 52 + 242 + 270 \\ 605 &:= 1^8 + 7^2 + 8^3 + 17^1 + 26^1 = 18 + 72 + 83 + 171 + 261 & 605 &:= 2^0 + 2^2 + 9^0 + 23^1 + 24^2 = 20 + 22 + 90 + 231 + 242 \\ 605 &:= 1^8 + 7^2 + 8^3 + 18^1 + 25^1 = 18 + 72 + 83 + 181 + 251 & 605 &:= 2^0 + 3^0 + 7^2 + 23^2 + 25^1 = 20 + 30 + 72 + 232 + 251 \\ 605 &:= 1^8 + 7^2 + 8^3 + 19^1 + 24^1 = 18 + 72 + 83 + 191 + 241 & 605 &:= 2^0 + 3^2 + 13^0 + 18^1 + 24^2 = 20 + 32 + 130 + 181 + 242 \\ 605 &:= 1^8 + 7^2 + 8^3 + 20^1 + 23^1 = 18 + 72 + 83 + 201 + 231 & 605 &:= 2^0 + 4^2 + 11^1 + 19^0 + 24^2 = 20 + 42 + 111 + 190 + 242 \\ 605 &:= 1^8 + 7^2 + 8^3 + 21^1 + 22^1 = 18 + 72 + 83 + 211 + 221 & 605 &:= 2^0 + 7^0 + 10^2 + 19^1 + 22^2 = 20 + 70 + 102 + 191 + 222 \\ 605 &:= 1^8 + 7^3 + 10^1 + 15^2 + 26^1 = 18 + 73 + 101 + 152 + 261 & 605 &:= 2^0 + 7^0 + 12^2 + 18^1 + 21^2 = 20 + 70 + 122 + 181 + 212 \\ 605 &:= 1^8 + 7^3 + 11^1 + 15^2 + 25^1 = 18 + 73 + 111 + 152 + 251 & 605 &:= 2^0 + 7^0 + 15^2 + 17^1 + 19^2 = 20 + 70 + 152 + 171 + 192 \\ 605 &:= 1^8 + 7^3 + 12^1 + 15^2 + 24^1 = 18 + 73 + 121 + 152 + 241 & 605 &:= 2^0 + 7^1 + 14^2 + 17^0 + 20^2 = 20 + 71 + 142 + 170 + 202 \\ 605 &:= 1^8 + 7^3 + 13^1 + 15^2 + 23^1 = 18 + 73 + 131 + 152 + 231 & 605 &:= 2^0 + 8^2 + 10^1 + 17^0 + 23^2 = 20 + 82 + 101 + 170 + 232 \\ 605 &:= 1^8 + 7^3 + 14^1 + 15^2 + 22^1 = 18 + 73 + 141 + 152 + 221 & 605 &:= 2^1 + 2^1 + 8^0 + 24^1 + 24^2 = 21 + 21 + 80 + 241 + 242 \\ 605 &:= 1^8 + 7^3 + 15^1 + 15^2 + 21^1 = 18 + 73 + 151 + 152 + 211 & 605 &:= 2^1 + 3^0 + 5^2 + 24^2 + 26^0 = 21 + 30 + 52 + 242 + 260 \\ 605 &:= 1^8 + 7^3 + 15^2 + 16^1 + 20^1 = 18 + 73 + 152 + 161 + 201 & 605 &:= 2^1 + 3^1 + 8^0 + 23^1 + 24^2 = 21 + 31 + 80 + 231 + 242 \\ 605 &:= 1^8 + 7^3 + 15^2 + 17^1 + 19^1 = 18 + 73 + 152 + 171 + 191 & 605 &:= 2^1 + 4^0 + 5^2 + 24^2 + 25^0 = 21 + 40 + 52 + 242 + 250 \\ 605 &:= 1^8 + 7^3 + 15^2 + 18^1 + 18^1 = 18 + 73 + 152 + 181 + 181 & 605 &:= 2^1 + 4^1 + 8^0 + 22^1 + 24^2 = 21 + 41 + 80 + 221 + 242 \\ 605 &:= 1^8 + 7^3 + 9^1 + 15^2 + 27^1 = 18 + 73 + 91 + 152 + 271 & 605 &:= 2^1 + 5^0 + 5^2 + 24^0 + 24^2 = 21 + 50 + 52 + 240 + 242 \\ 605 &:= 1^8 + 8^2 + 11^2 + 19^1 + 20^2 = 18 + 82 + 112 + 191 + 202 & 605 &:= 2^1 + 5^1 + 8^0 + 21^1 + 24^2 = 21 + 51 + 80 + 211 + 242 \\ 605 &:= 1^8 + 9^2 + 12^2 + 18^1 + 19^2 = 18 + 92 + 122 + 181 + 192 & 605 &:= 2^1 + 5^2 + 10^0 + 19^0 + 24^2 = 21 + 52 + 100 + 190 + 242 \\ 605 &:= 1^9 + 10^1 + 14^1 + 16^2 + 18^2 = 19 + 101 + 141 + 162 + 182 & 605 &:= 2^1 + 5^2 + 11^0 + 18^0 + 24^2 = 21 + 52 + 110 + 180 + 242 \\ 605 &:= 1^9 + 11^1 + 13^1 + 16^2 + 18^2 = 19 + 111 + 131 + 162 + 182 & 605 &:= 2^1 + 5^2 + 12^0 + 17^0 + 24^2 = 21 + 52 + 120 + 170 + 242 \\ 605 &:= 1^9 + 11^2 + 11^2 + 17^0 + 19^2 = 19 + 112 + 112 + 170 + 192 & 605 &:= 2^1 + 5^2 + 13^0 + 16^0 + 24^2 = 21 + 52 + 130 + 160 + 242 \\ 605 &:= 1^9 + 12^1 + 12^1 + 16^2 + 18^2 = 19 + 121 + 121 + 162 + 182 & 605 &:= 2^1 + 5^2 + 14^0 + 15^0 + 24^2 = 21 + 52 + 140 + 150 + 242 \end{aligned}$$

$$\begin{aligned} 605 &:= 2^1 + 5^2 + 6^0 + 23^0 + 24^2 = 21 + 52 + 60 + 230 + 242 & 605 &:= 2^8 + 9^2 + 11^2 + 11^2 + 26^1 = 28 + 92 + 112 + 112 + 261 \\ 605 &:= 2^1 + 5^2 + 7^0 + 22^0 + 24^2 = 21 + 52 + 70 + 220 + 242 & 605 &:= 2^9 + 3^2 + 6^2 + 21^1 + 27^1 = 29 + 32 + 62 + 211 + 271 \\ 605 &:= 2^1 + 5^2 + 8^0 + 21^0 + 24^2 = 21 + 52 + 80 + 210 + 242 & 605 &:= 2^9 + 3^2 + 6^2 + 22^1 + 26^1 = 29 + 32 + 62 + 221 + 261 \\ 605 &:= 2^1 + 5^2 + 9^0 + 20^0 + 24^2 = 21 + 52 + 90 + 200 + 242 & 605 &:= 2^9 + 3^2 + 6^2 + 23^1 + 25^1 = 29 + 32 + 62 + 231 + 251 \\ 605 &:= 2^1 + 6^1 + 8^0 + 20^1 + 24^2 = 21 + 61 + 80 + 201 + 242 & 605 &:= 2^9 + 3^2 + 6^2 + 24^1 + 24^1 = 29 + 32 + 62 + 241 + 241 \\ 605 &:= 2^1 + 7^1 + 8^0 + 19^1 + 24^2 = 21 + 71 + 80 + 191 + 242 & 605 &:= 2^9 + 3^3 + 4^3 + 23^0 + 27^0 = 29 + 33 + 43 + 230 + 270 \\ 605 &:= 2^1 + 8^0 + 10^1 + 16^1 + 24^2 = 21 + 80 + 101 + 161 + 242 & 605 &:= 2^9 + 3^3 + 4^3 + 24^0 + 26^0 = 29 + 33 + 43 + 240 + 260 \\ 605 &:= 2^1 + 8^0 + 11^1 + 15^1 + 24^2 = 21 + 80 + 111 + 151 + 242 & 605 &:= 2^9 + 3^3 + 4^3 + 25^0 + 25^0 = 29 + 33 + 43 + 250 + 250 \\ 605 &:= 2^1 + 8^0 + 12^1 + 14^1 + 24^2 = 21 + 80 + 121 + 141 + 242 & 605 &:= 3^0 + 3^2 + 12^0 + 18^1 + 24^2 = 30 + 32 + 120 + 181 + 242 \\ 605 &:= 2^1 + 8^0 + 13^1 + 13^1 + 24^2 = 21 + 80 + 131 + 131 + 242 & 605 &:= 3^0 + 4^2 + 11^1 + 18^0 + 24^2 = 30 + 42 + 111 + 180 + 242 \\ 605 &:= 2^1 + 8^0 + 8^1 + 18^1 + 24^2 = 21 + 80 + 81 + 181 + 242 & 605 &:= 3^0 + 6^0 + 10^2 + 19^1 + 22^2 = 30 + 60 + 102 + 191 + 222 \\ 605 &:= 2^1 + 8^0 + 9^1 + 17^1 + 24^2 = 21 + 80 + 91 + 171 + 242 & 605 &:= 3^0 + 6^0 + 12^2 + 18^1 + 21^2 = 30 + 60 + 122 + 181 + 212 \\ 605 &:= 2^2 + 2^9 + 4^3 + 24^1 + 27^0 = 22 + 29 + 43 + 241 + 270 & 605 &:= 3^0 + 6^0 + 15^2 + 17^1 + 19^2 = 30 + 60 + 152 + 171 + 192 \\ 605 &:= 2^2 + 3^0 + 8^0 + 23^1 + 24^2 = 22 + 30 + 80 + 231 + 242 & 605 &:= 3^0 + 7^1 + 14^2 + 16^0 + 20^2 = 30 + 71 + 142 + 160 + 202 \\ 605 &:= 2^2 + 4^0 + 7^0 + 23^1 + 24^2 = 22 + 40 + 70 + 231 + 242 & 605 &:= 3^0 + 8^2 + 10^1 + 16^0 + 23^2 = 30 + 82 + 101 + 160 + 232 \\ 605 &:= 2^2 + 5^0 + 6^0 + 23^1 + 24^2 = 22 + 50 + 60 + 231 + 242 & 605 &:= 3^1 + 3^1 + 8^0 + 22^1 + 24^2 = 31 + 31 + 80 + 221 + 242 \\ 605 &:= 2^3 + 2^7 + 9^2 + 19^2 + 27^1 = 23 + 27 + 92 + 192 + 271 & 605 &:= 3^1 + 4^1 + 8^0 + 21^1 + 24^2 = 31 + 41 + 80 + 211 + 242 \\ 605 &:= 2^3 + 2^9 + 8^2 + 20^1 + 27^0 = 23 + 29 + 82 + 201 + 270 & 605 &:= 3^1 + 5^1 + 8^0 + 20^1 + 24^2 = 31 + 51 + 80 + 201 + 242 \\ 605 &:= 2^4 + 2^6 + 10^2 + 20^2 + 25^1 = 24 + 26 + 102 + 202 + 251 & 605 &:= 3^1 + 6^1 + 8^0 + 19^1 + 24^2 = 31 + 61 + 80 + 191 + 242 \\ 605 &:= 2^7 + 3^3 + 10^2 + 18^2 + 26^1 = 27 + 33 + 102 + 182 + 261 & 605 &:= 3^1 + 7^1 + 8^0 + 18^1 + 24^2 = 31 + 71 + 80 + 181 + 242 \\ 605 &:= 2^7 + 3^3 + 13^2 + 16^2 + 25^1 = 27 + 33 + 132 + 162 + 251 & 605 &:= 3^1 + 8^0 + 10^1 + 15^1 + 24^2 = 31 + 80 + 101 + 151 + 242 \\ 605 &:= 2^7 + 3^4 + 10^1 + 19^2 + 25^1 = 27 + 34 + 101 + 192 + 251 & 605 &:= 3^1 + 8^0 + 11^1 + 14^1 + 24^2 = 31 + 80 + 111 + 141 + 242 \\ 605 &:= 2^7 + 3^4 + 11^1 + 19^2 + 24^1 = 27 + 34 + 111 + 192 + 241 & 605 &:= 3^1 + 8^0 + 12^1 + 13^1 + 24^2 = 31 + 80 + 121 + 131 + 242 \\ 605 &:= 2^7 + 3^4 + 12^1 + 19^2 + 23^1 = 27 + 34 + 121 + 192 + 231 & 605 &:= 3^1 + 8^0 + 8^1 + 17^1 + 24^2 = 31 + 80 + 81 + 171 + 242 \\ 605 &:= 2^7 + 3^4 + 13^1 + 19^2 + 22^1 = 27 + 34 + 131 + 192 + 221 & 605 &:= 3^1 + 8^0 + 9^1 + 16^1 + 24^2 = 31 + 80 + 91 + 161 + 242 \\ 605 &:= 2^7 + 3^4 + 14^1 + 19^2 + 21^1 = 27 + 34 + 141 + 192 + 211 & 605 &:= 3^2 + 4^0 + 11^0 + 18^1 + 24^2 = 32 + 40 + 110 + 181 + 242 \\ 605 &:= 2^7 + 3^4 + 15^1 + 19^2 + 20^1 = 27 + 34 + 151 + 192 + 201 & 605 &:= 3^2 + 5^0 + 10^0 + 18^1 + 24^2 = 32 + 50 + 100 + 181 + 242 \\ 605 &:= 2^7 + 3^4 + 16^1 + 19^1 + 19^2 = 27 + 34 + 161 + 191 + 192 & 605 &:= 3^2 + 6^0 + 9^0 + 18^1 + 24^2 = 32 + 60 + 90 + 181 + 242 \\ 605 &:= 2^7 + 3^4 + 17^1 + 18^1 + 19^2 = 27 + 34 + 171 + 181 + 192 & 605 &:= 3^2 + 7^0 + 8^0 + 18^1 + 24^2 = 32 + 70 + 80 + 181 + 242 \\ 605 &:= 2^7 + 3^4 + 8^1 + 19^2 + 27^1 = 27 + 34 + 81 + 192 + 271 & 605 &:= 4^0 + 4^2 + 11^1 + 17^0 + 24^2 = 40 + 42 + 111 + 170 + 242 \\ 605 &:= 2^7 + 3^4 + 9^1 + 19^2 + 26^1 = 27 + 34 + 91 + 192 + 261 & 605 &:= 4^0 + 5^0 + 10^2 + 19^1 + 22^2 = 40 + 50 + 102 + 191 + 222 \\ 605 &:= 2^7 + 5^3 + 10^2 + 15^2 + 27^1 = 27 + 53 + 102 + 152 + 271 & 605 &:= 4^0 + 5^0 + 12^2 + 18^1 + 21^2 = 40 + 50 + 122 + 181 + 212 \\ 605 &:= 2^7 + 6^3 + 6^3 + 18^1 + 27^1 = 27 + 63 + 63 + 181 + 271 & 605 &:= 4^0 + 5^0 + 15^2 + 17^1 + 19^2 = 40 + 50 + 152 + 171 + 192 \\ 605 &:= 2^7 + 6^3 + 6^3 + 19^1 + 26^1 = 27 + 63 + 63 + 191 + 261 & 605 &:= 4^0 + 7^1 + 14^2 + 15^0 + 20^2 = 40 + 71 + 142 + 150 + 202 \\ 605 &:= 2^7 + 6^3 + 6^3 + 20^1 + 25^1 = 27 + 63 + 63 + 201 + 251 & 605 &:= 4^0 + 8^2 + 10^1 + 15^0 + 23^2 = 40 + 82 + 101 + 150 + 232 \\ 605 &:= 2^7 + 6^3 + 6^3 + 21^1 + 24^1 = 27 + 63 + 63 + 211 + 241 & 605 &:= 4^1 + 4^1 + 8^0 + 20^1 + 24^2 = 41 + 41 + 80 + 201 + 242 \\ 605 &:= 2^7 + 6^3 + 6^3 + 22^1 + 23^1 = 27 + 63 + 63 + 221 + 231 & 605 &:= 4^1 + 5^1 + 8^0 + 19^1 + 24^2 = 41 + 51 + 80 + 191 + 242 \\ 605 &:= 2^8 + 3^4 + 11^1 + 16^2 + 27^0 = 28 + 34 + 111 + 162 + 270 & 605 &:= 4^1 + 6^1 + 8^0 + 18^1 + 24^2 = 41 + 61 + 80 + 181 + 242 \end{aligned}$$

$605 := 4^1 + 7^1 + 8^0 + 17^1 + 24^2 = 41 + 71 + 80 + 171 + 242$	$605 := 6^0 + 8^2 + 10^1 + 13^0 + 23^2 = 60 + 82 + 101 + 130 + 232$
$605 := 4^1 + 8^0 + 10^1 + 14^1 + 24^2 = 41 + 80 + 101 + 141 + 242$	$605 := 6^1 + 6^1 + 8^0 + 16^1 + 24^2 = 61 + 61 + 80 + 161 + 242$
$605 := 4^1 + 8^0 + 11^1 + 13^1 + 24^2 = 41 + 80 + 111 + 131 + 242$	$605 := 6^1 + 7^1 + 8^0 + 15^1 + 24^2 = 61 + 71 + 80 + 151 + 242$
$605 := 4^1 + 8^0 + 12^1 + 12^1 + 24^2 = 41 + 80 + 121 + 121 + 242$	$605 := 6^1 + 8^0 + 10^1 + 12^1 + 24^2 = 61 + 80 + 101 + 121 + 242$
$605 := 4^1 + 8^0 + 8^1 + 16^1 + 24^2 = 41 + 80 + 81 + 161 + 242$	$605 := 6^1 + 8^0 + 11^1 + 11^1 + 24^2 = 61 + 80 + 111 + 111 + 242$
$605 := 4^1 + 8^0 + 9^1 + 15^1 + 24^2 = 41 + 80 + 91 + 151 + 242$	$605 := 6^1 + 8^0 + 8^1 + 14^1 + 24^2 = 61 + 80 + 81 + 141 + 242$
$605 := 4^2 + 10^0 + 11^0 + 11^1 + 24^2 = 42 + 100 + 110 + 111 + 242$	$605 := 6^1 + 8^0 + 9^1 + 13^1 + 24^2 = 61 + 80 + 91 + 131 + 242$
$605 := 4^2 + 5^0 + 11^1 + 16^0 + 24^2 = 42 + 50 + 111 + 160 + 242$	$605 := 7^0 + 7^1 + 12^0 + 14^2 + 20^2 = 70 + 71 + 120 + 142 + 202$
$605 := 4^2 + 6^0 + 11^1 + 15^0 + 24^2 = 42 + 60 + 111 + 150 + 242$	$605 := 7^0 + 8^2 + 10^1 + 12^0 + 23^2 = 70 + 82 + 101 + 120 + 232$
$605 := 4^2 + 7^0 + 11^1 + 14^0 + 24^2 = 42 + 70 + 111 + 140 + 242$	$605 := 7^1 + 7^1 + 8^0 + 14^1 + 24^2 = 71 + 71 + 80 + 141 + 242$
$605 := 4^2 + 8^0 + 11^1 + 13^0 + 24^2 = 42 + 80 + 111 + 130 + 242$	$605 := 7^1 + 8^0 + 10^1 + 11^1 + 24^2 = 71 + 80 + 101 + 111 + 242$
$605 := 4^2 + 9^0 + 11^1 + 12^0 + 24^2 = 42 + 90 + 111 + 120 + 242$	$605 := 7^1 + 8^0 + 11^0 + 14^2 + 20^2 = 71 + 80 + 110 + 142 + 202$
$605 := 5^0 + 7^1 + 14^0 + 14^2 + 20^2 = 50 + 71 + 140 + 142 + 202$	$605 := 7^1 + 8^0 + 8^1 + 13^1 + 24^2 = 71 + 80 + 81 + 131 + 242$
$605 := 5^0 + 8^2 + 10^1 + 14^0 + 23^2 = 50 + 82 + 101 + 140 + 232$	$605 := 7^1 + 8^0 + 9^1 + 12^1 + 24^2 = 71 + 80 + 91 + 121 + 242$
$605 := 5^1 + 5^1 + 8^0 + 18^1 + 24^2 = 51 + 51 + 80 + 181 + 242$	$605 := 7^1 + 9^0 + 10^0 + 14^2 + 20^2 = 71 + 90 + 100 + 142 + 202$
$605 := 5^1 + 6^1 + 8^0 + 17^1 + 24^2 = 51 + 61 + 80 + 171 + 242$	$605 := 8^0 + 8^1 + 10^1 + 10^1 + 24^2 = 80 + 81 + 101 + 101 + 242$
$605 := 5^1 + 7^1 + 8^0 + 16^1 + 24^2 = 51 + 71 + 80 + 161 + 242$	$605 := 8^0 + 8^1 + 8^1 + 12^1 + 24^2 = 80 + 81 + 81 + 121 + 242$
$605 := 5^1 + 8^0 + 10^1 + 13^1 + 24^2 = 51 + 80 + 101 + 131 + 242$	$605 := 8^0 + 8^1 + 9^1 + 11^1 + 24^2 = 80 + 81 + 91 + 111 + 242$
$605 := 5^1 + 8^0 + 11^1 + 12^1 + 24^2 = 51 + 80 + 111 + 121 + 242$	$605 := 8^0 + 8^2 + 10^1 + 11^0 + 23^2 = 80 + 82 + 101 + 110 + 232$
$605 := 5^1 + 8^0 + 8^1 + 15^1 + 24^2 = 51 + 80 + 81 + 151 + 242$	$605 := 8^0 + 9^1 + 9^1 + 10^1 + 24^2 = 80 + 91 + 91 + 101 + 242$
$605 := 5^1 + 8^0 + 9^1 + 14^1 + 24^2 = 51 + 80 + 91 + 141 + 242$	$605 := 8^2 + 9^0 + 10^0 + 10^1 + 23^2 = 82 + 90 + 100 + 101 + 232$
$605 := 6^0 + 7^1 + 13^0 + 14^2 + 20^2 = 60 + 71 + 130 + 142 + 202$	

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$606 := 7^2 + 8^3 + 45^1 = 72 + 83 + 451$	$606 := 2^1 + 3^3 + 24^2 + 31^0 = 21 + 33 + 242 + 310$
$606 := 7^3 + 15^2 + 38^1 = 73 + 152 + 381$	$606 := 2^2 + 5^2 + 24^2 + 29^0 = 22 + 52 + 242 + 290$
$606 := 1^0 + 7^2 + 8^3 + 44^1 = 10 + 72 + 83 + 441$	$606 := 2^3 + 13^0 + 21^1 + 24^2 = 23 + 130 + 211 + 242$
$606 := 1^0 + 7^3 + 15^2 + 37^1 = 10 + 73 + 152 + 371$	$606 := 2^6 + 2^9 + 26^0 + 29^1 = 26 + 29 + 260 + 291$
$606 := 1^1 + 16^2 + 18^2 + 25^1 = 11 + 162 + 182 + 251$	$606 := 3^1 + 16^2 + 18^2 + 23^1 = 31 + 162 + 182 + 231$
$606 := 1^3 + 7^0 + 24^2 + 28^1 = 13 + 70 + 242 + 281$	$606 := 3^2 + 14^2 + 20^2 + 23^0 = 32 + 142 + 202 + 230$
$606 := 1^9 + 3^5 + 19^2 + 36^0 = 19 + 35 + 192 + 360$	$606 := 4^1 + 16^2 + 18^2 + 22^1 = 41 + 162 + 182 + 221$
$606 := 10^1 + 16^1 + 16^2 + 18^2 = 101 + 161 + 162 + 182$	$606 := 4^3 + 12^1 + 21^0 + 23^2 = 43 + 121 + 210 + 232$
$606 := 10^2 + 12^2 + 19^0 + 19^2 = 102 + 122 + 190 + 192$	$606 := 5^1 + 16^2 + 18^2 + 21^1 = 51 + 162 + 182 + 211$
$606 := 11^1 + 15^1 + 16^2 + 18^2 = 111 + 151 + 162 + 182$	$606 := 5^2 + 16^2 + 18^2 + 21^0 = 52 + 162 + 182 + 210$
$606 := 12^1 + 14^1 + 16^2 + 18^2 = 121 + 141 + 162 + 182$	$606 := 6^1 + 16^2 + 18^2 + 20^1 = 61 + 162 + 182 + 201$
$606 := 13^1 + 13^1 + 16^2 + 18^2 = 131 + 131 + 162 + 182$	$606 := 6^1 + 7^3 + 16^2 + 31^0 = 61 + 73 + 162 + 310$
$606 := 2^1 + 16^2 + 18^2 + 24^1 = 21 + 162 + 182 + 241$	$606 := 6^2 + 13^2 + 20^2 + 21^0 = 62 + 132 + 202 + 210$

$606 := 6^3 + 7^0 + 19^2 + 28^1$	$= 63 + 70 + 192 + 281$	$606 := 1^1 + 3^3 + 8^0 + 24^0 + 24^2$	$= 11 + 33 + 80 + 240 + 242$
$606 := 7^1 + 16^2 + 18^2 + 19^1$	$= 71 + 162 + 182 + 191$	$606 := 1^1 + 3^3 + 9^0 + 23^0 + 24^2$	$= 11 + 33 + 90 + 230 + 242$
$606 := 8^1 + 16^2 + 18^1 + 18^2$	$= 81 + 162 + 181 + 182$	$606 := 1^1 + 4^2 + 12^1 + 19^0 + 24^2$	$= 11 + 42 + 121 + 190 + 242$
$606 := 8^2 + 10^2 + 21^0 + 21^2$	$= 82 + 102 + 210 + 212$	$606 := 1^1 + 7^0 + 10^2 + 20^1 + 22^2$	$= 11 + 70 + 102 + 201 + 222$
$606 := 8^2 + 8^3 + 15^0 + 29^1$	$= 82 + 83 + 150 + 291$	$606 := 1^1 + 7^0 + 12^2 + 19^1 + 21^2$	$= 11 + 70 + 122 + 191 + 212$
$606 := 8^3 + 9^2 + 12^1 + 31^0$	$= 83 + 92 + 121 + 310$	$606 := 1^1 + 7^0 + 15^2 + 18^1 + 19^2$	$= 11 + 70 + 152 + 181 + 192$
$606 := 9^1 + 16^2 + 17^1 + 18^2$	$= 91 + 162 + 171 + 182$	$606 := 1^1 + 8^1 + 14^2 + 17^0 + 20^2$	$= 11 + 81 + 142 + 170 + 202$
$606 := 1^0 + 1^1 + 16^2 + 18^2 + 24^1$	$= 10 + 11 + 162 + 182 + 241$	$606 := 1^1 + 8^2 + 11^1 + 17^0 + 23^2$	$= 11 + 82 + 111 + 170 + 232$
$606 := 1^0 + 1^3 + 7^0 + 24^2 + 27^1$	$= 10 + 13 + 70 + 242 + 271$	$606 := 1^2 + 2^1 + 7^0 + 24^2 + 26^1$	$= 12 + 21 + 70 + 242 + 261$
$606 := 1^0 + 10^1 + 15^1 + 16^2 + 18^2$	$= 10 + 101 + 151 + 162 + 182$	$606 := 1^2 + 3^1 + 7^0 + 24^2 + 25^1$	$= 12 + 31 + 70 + 242 + 251$
$606 := 1^0 + 11^1 + 14^1 + 16^2 + 18^2$	$= 10 + 111 + 141 + 162 + 182$	$606 := 1^2 + 4^1 + 7^0 + 24^1 + 24^2$	$= 12 + 41 + 70 + 241 + 242$
$606 := 1^0 + 12^1 + 13^1 + 16^2 + 18^2$	$= 10 + 121 + 131 + 162 + 182$	$606 := 1^2 + 5^1 + 7^0 + 23^1 + 24^2$	$= 12 + 51 + 70 + 231 + 242$
$606 := 1^0 + 2^1 + 16^2 + 18^2 + 23^1$	$= 10 + 21 + 162 + 182 + 231$	$606 := 1^2 + 6^1 + 7^0 + 22^1 + 24^2$	$= 12 + 61 + 70 + 221 + 242$
$606 := 1^0 + 2^3 + 13^0 + 20^1 + 24^2$	$= 10 + 23 + 130 + 201 + 242$	$606 := 1^2 + 7^0 + 10^1 + 18^1 + 24^2$	$= 12 + 70 + 101 + 181 + 242$
$606 := 1^0 + 3^1 + 16^2 + 18^2 + 22^1$	$= 10 + 31 + 162 + 182 + 221$	$606 := 1^2 + 7^0 + 11^1 + 17^1 + 24^2$	$= 12 + 70 + 111 + 171 + 242$
$606 := 1^0 + 4^1 + 16^2 + 18^2 + 21^1$	$= 10 + 41 + 162 + 182 + 211$	$606 := 1^2 + 7^0 + 12^1 + 16^1 + 24^2$	$= 12 + 70 + 121 + 161 + 242$
$606 := 1^0 + 4^3 + 11^1 + 21^0 + 23^2$	$= 10 + 43 + 111 + 210 + 232$	$606 := 1^2 + 7^0 + 13^1 + 15^1 + 24^2$	$= 12 + 70 + 131 + 151 + 242$
$606 := 1^0 + 5^1 + 16^2 + 18^2 + 20^1$	$= 10 + 51 + 162 + 182 + 201$	$606 := 1^2 + 7^0 + 14^1 + 14^1 + 24^2$	$= 12 + 70 + 141 + 141 + 242$
$606 := 1^0 + 6^1 + 16^2 + 18^2 + 19^1$	$= 10 + 61 + 162 + 182 + 191$	$606 := 1^2 + 7^0 + 7^1 + 21^1 + 24^2$	$= 12 + 70 + 71 + 211 + 242$
$606 := 1^0 + 6^3 + 7^0 + 19^2 + 27^1$	$= 10 + 63 + 70 + 192 + 271$	$606 := 1^2 + 7^0 + 8^1 + 20^1 + 24^2$	$= 12 + 70 + 81 + 201 + 242$
$606 := 1^0 + 7^1 + 16^2 + 18^1 + 18^2$	$= 10 + 71 + 162 + 181 + 182$	$606 := 1^2 + 7^0 + 9^1 + 19^1 + 24^2$	$= 12 + 70 + 91 + 191 + 242$
$606 := 1^0 + 8^1 + 16^2 + 17^1 + 18^2$	$= 10 + 81 + 162 + 171 + 182$	$606 := 1^3 + 2^0 + 6^0 + 24^2 + 27^1$	$= 13 + 20 + 60 + 242 + 271$
$606 := 1^0 + 9^1 + 16^1 + 16^2 + 18^2$	$= 10 + 91 + 161 + 162 + 182$	$606 := 1^3 + 3^0 + 5^0 + 24^2 + 27^1$	$= 13 + 30 + 50 + 242 + 271$
$606 := 1^1 + 1^2 + 7^0 + 24^2 + 27^1$	$= 11 + 12 + 70 + 242 + 271$	$606 := 1^3 + 4^0 + 4^0 + 24^2 + 27^1$	$= 13 + 40 + 40 + 242 + 271$
$606 := 1^1 + 2^2 + 9^0 + 24^1 + 24^2$	$= 11 + 22 + 90 + 241 + 242$	$606 := 1^4 + 1^9 + 6^0 + 24^2 + 27^1$	$= 14 + 19 + 60 + 242 + 271$
$606 := 1^1 + 3^0 + 7^2 + 23^2 + 26^1$	$= 11 + 30 + 72 + 232 + 261$	$606 := 1^5 + 1^8 + 6^0 + 24^2 + 27^1$	$= 15 + 18 + 60 + 242 + 271$
$606 := 1^1 + 3^1 + 5^2 + 24^2 + 27^0$	$= 11 + 31 + 52 + 242 + 270$	$606 := 1^5 + 2^8 + 14^0 + 18^2 + 24^1$	$= 15 + 28 + 140 + 182 + 241$
$606 := 1^1 + 3^2 + 13^0 + 19^1 + 24^2$	$= 11 + 32 + 130 + 191 + 242$	$606 := 1^6 + 1^7 + 6^0 + 24^2 + 27^1$	$= 16 + 17 + 60 + 242 + 271$
$606 := 1^1 + 3^3 + 10^0 + 22^0 + 24^2$	$= 11 + 33 + 100 + 220 + 242$	$606 := 1^7 + 2^6 + 11^1 + 22^0 + 23^2$	$= 17 + 26 + 111 + 220 + 232$
$606 := 1^1 + 3^3 + 11^0 + 21^0 + 24^2$	$= 11 + 33 + 110 + 210 + 242$	$606 := 1^9 + 2^3 + 14^2 + 20^2 + 22^0$	$= 19 + 23 + 142 + 202 + 220$
$606 := 1^1 + 3^3 + 12^0 + 20^0 + 24^2$	$= 11 + 33 + 120 + 200 + 242$	$606 := 1^9 + 2^4 + 12^1 + 20^0 + 24^2$	$= 19 + 24 + 121 + 200 + 242$
$606 := 1^1 + 3^3 + 13^0 + 19^0 + 24^2$	$= 11 + 33 + 130 + 190 + 242$	$606 := 1^9 + 4^4 + 12^0 + 18^2 + 24^1$	$= 19 + 44 + 120 + 182 + 241$
$606 := 1^1 + 3^3 + 14^0 + 18^0 + 24^2$	$= 11 + 33 + 140 + 180 + 242$	$606 := 1^9 + 6^3 + 8^2 + 18^2 + 26^0$	$= 19 + 63 + 82 + 182 + 260$
$606 := 1^1 + 3^3 + 15^0 + 17^0 + 24^2$	$= 11 + 33 + 150 + 170 + 242$	$606 := 2^0 + 2^3 + 12^0 + 20^1 + 24^2$	$= 20 + 23 + 120 + 201 + 242$
$606 := 1^1 + 3^3 + 16^0 + 16^0 + 24^2$	$= 11 + 33 + 160 + 160 + 242$	$606 := 2^0 + 4^3 + 11^1 + 20^0 + 23^2$	$= 20 + 43 + 111 + 200 + 232$
$606 := 1^1 + 3^3 + 5^0 + 24^2 + 27^0$	$= 11 + 33 + 50 + 242 + 270$	$606 := 2^0 + 6^0 + 6^3 + 19^2 + 27^1$	$= 20 + 60 + 63 + 192 + 271$
$606 := 1^1 + 3^3 + 6^0 + 24^2 + 26^0$	$= 11 + 33 + 60 + 242 + 260$	$606 := 2^1 + 2^1 + 5^2 + 24^2 + 27^0$	$= 21 + 21 + 52 + 242 + 270$
$606 := 1^1 + 3^3 + 7^0 + 24^2 + 25^0$	$= 11 + 33 + 70 + 242 + 250$	$606 := 2^1 + 2^2 + 9^0 + 23^1 + 24^2$	$= 21 + 22 + 90 + 231 + 242$

$$\begin{aligned}
 606 &:= 2^1 + 3^0 + 7^2 + 23^2 + 25^1 = 21 + 30 + 72 + 232 + 251 & 606 &:= 3^0 + 7^2 + 9^1 + 18^1 + 23^2 = 30 + 72 + 91 + 181 + 232 \\
 606 &:= 2^1 + 3^2 + 13^0 + 18^1 + 24^2 = 21 + 32 + 130 + 181 + 242 & 606 &:= 3^1 + 3^2 + 13^0 + 17^1 + 24^2 = 31 + 32 + 130 + 171 + 242 \\
 606 &:= 2^1 + 4^2 + 11^1 + 19^0 + 24^2 = 21 + 42 + 111 + 190 + 242 & 606 &:= 3^1 + 4^2 + 10^1 + 19^0 + 24^2 = 31 + 42 + 101 + 190 + 242 \\
 606 &:= 2^1 + 7^0 + 10^2 + 19^1 + 22^2 = 21 + 70 + 102 + 191 + 222 & 606 &:= 3^1 + 6^1 + 14^2 + 17^0 + 20^2 = 31 + 61 + 142 + 170 + 202 \\
 606 &:= 2^1 + 7^0 + 12^2 + 18^1 + 21^2 = 21 + 70 + 122 + 181 + 212 & 606 &:= 3^1 + 7^0 + 10^2 + 18^1 + 22^2 = 31 + 70 + 102 + 181 + 222 \\
 606 &:= 2^1 + 7^0 + 15^2 + 17^1 + 19^2 = 21 + 70 + 152 + 171 + 192 & 606 &:= 3^1 + 7^0 + 12^2 + 17^1 + 21^2 = 31 + 70 + 122 + 171 + 212 \\
 606 &:= 2^1 + 7^1 + 14^2 + 17^0 + 20^2 = 21 + 71 + 142 + 170 + 202 & 606 &:= 3^1 + 7^0 + 15^2 + 16^1 + 19^2 = 31 + 70 + 152 + 161 + 192 \\
 606 &:= 2^1 + 8^2 + 10^1 + 17^0 + 23^2 = 21 + 82 + 101 + 170 + 232 & 606 &:= 3^1 + 8^2 + 9^1 + 17^0 + 23^2 = 31 + 82 + 91 + 170 + 232 \\
 606 &:= 2^2 + 3^1 + 9^0 + 22^1 + 24^2 = 22 + 31 + 90 + 221 + 242 & 606 &:= 3^2 + 10^1 + 10^1 + 13^0 + 24^2 = 32 + 101 + 101 + 130 + 242 \\
 606 &:= 2^2 + 4^1 + 9^0 + 21^1 + 24^2 = 22 + 41 + 90 + 211 + 242 & 606 &:= 3^2 + 4^1 + 13^0 + 16^1 + 24^2 = 32 + 41 + 130 + 161 + 242 \\
 606 &:= 2^2 + 5^1 + 9^0 + 20^1 + 24^2 = 22 + 51 + 90 + 201 + 242 & 606 &:= 3^2 + 5^1 + 13^0 + 15^1 + 24^2 = 32 + 51 + 130 + 151 + 242 \\
 606 &:= 2^2 + 6^1 + 9^0 + 19^1 + 24^2 = 22 + 61 + 90 + 191 + 242 & 606 &:= 3^2 + 6^1 + 13^0 + 14^1 + 24^2 = 32 + 61 + 130 + 141 + 242 \\
 606 &:= 2^2 + 7^1 + 9^0 + 18^1 + 24^2 = 22 + 71 + 90 + 181 + 242 & 606 &:= 3^2 + 7^1 + 13^0 + 13^1 + 24^2 = 32 + 71 + 130 + 131 + 242 \\
 606 &:= 2^2 + 8^1 + 9^0 + 17^1 + 24^2 = 22 + 81 + 90 + 171 + 242 & 606 &:= 3^2 + 8^1 + 12^1 + 13^0 + 24^2 = 32 + 81 + 121 + 130 + 242 \\
 606 &:= 2^2 + 9^0 + 10^1 + 15^1 + 24^2 = 22 + 90 + 101 + 151 + 242 & 606 &:= 3^2 + 9^1 + 11^1 + 13^0 + 24^2 = 32 + 91 + 111 + 130 + 242 \\
 606 &:= 2^2 + 9^0 + 11^1 + 14^1 + 24^2 = 22 + 90 + 111 + 141 + 242 & 606 &:= 4^0 + 4^0 + 6^3 + 19^2 + 27^1 = 40 + 40 + 63 + 192 + 271 \\
 606 &:= 2^2 + 9^0 + 12^1 + 13^1 + 24^2 = 22 + 90 + 121 + 131 + 242 & 606 &:= 4^0 + 4^3 + 11^1 + 18^0 + 23^2 = 40 + 43 + 111 + 180 + 232 \\
 606 &:= 2^2 + 9^0 + 9^1 + 16^1 + 24^2 = 22 + 90 + 91 + 161 + 242 & 606 &:= 4^1 + 4^2 + 9^1 + 19^0 + 24^2 = 41 + 42 + 91 + 190 + 242 \\
 606 &:= 2^3 + 3^0 + 11^0 + 20^1 + 24^2 = 23 + 30 + 110 + 201 + 242 & 606 &:= 4^1 + 5^1 + 14^2 + 17^0 + 20^2 = 41 + 51 + 142 + 170 + 202 \\
 606 &:= 2^3 + 4^0 + 10^0 + 20^1 + 24^2 = 23 + 40 + 100 + 201 + 242 & 606 &:= 4^1 + 7^0 + 10^2 + 17^1 + 22^2 = 41 + 70 + 102 + 171 + 222 \\
 606 &:= 2^3 + 5^0 + 9^0 + 20^1 + 24^2 = 23 + 50 + 90 + 201 + 242 & 606 &:= 4^1 + 7^0 + 12^2 + 16^1 + 21^2 = 41 + 70 + 122 + 161 + 212 \\
 606 &:= 2^3 + 6^0 + 8^0 + 20^1 + 24^2 = 23 + 60 + 80 + 201 + 242 & 606 &:= 4^1 + 7^0 + 15^1 + 15^2 + 19^2 = 41 + 70 + 151 + 152 + 192 \\
 606 &:= 2^3 + 7^0 + 7^0 + 20^1 + 24^2 = 23 + 70 + 70 + 201 + 242 & 606 &:= 4^1 + 8^1 + 8^2 + 17^0 + 23^2 = 41 + 81 + 82 + 170 + 232 \\
 606 &:= 2^5 + 2^7 + 11^2 + 18^2 + 26^0 = 25 + 27 + 112 + 182 + 260 & 606 &:= 4^2 + 5^1 + 8^1 + 19^0 + 24^2 = 42 + 51 + 81 + 190 + 242 \\
 606 &:= 2^6 + 2^7 + 13^1 + 20^2 + 22^0 = 26 + 27 + 131 + 202 + 220 & 606 &:= 4^2 + 6^1 + 7^1 + 19^0 + 24^2 = 42 + 61 + 71 + 190 + 242 \\
 606 &:= 2^8 + 3^5 + 9^2 + 20^0 + 25^1 = 28 + 35 + 92 + 200 + 251 & 606 &:= 4^3 + 10^0 + 11^1 + 12^0 + 23^2 = 43 + 100 + 111 + 120 + 232 \\
 606 &:= 3^0 + 3^1 + 7^2 + 23^2 + 24^1 = 30 + 31 + 72 + 232 + 241 & 606 &:= 4^3 + 11^0 + 11^0 + 11^1 + 23^2 = 43 + 110 + 110 + 111 + 232 \\
 606 &:= 3^0 + 4^1 + 7^2 + 23^1 + 23^2 = 30 + 41 + 72 + 231 + 232 & 606 &:= 4^3 + 5^0 + 11^1 + 17^0 + 23^2 = 43 + 50 + 111 + 170 + 232 \\
 606 &:= 3^0 + 4^3 + 11^1 + 19^0 + 23^2 = 30 + 43 + 111 + 190 + 232 & 606 &:= 4^3 + 6^0 + 11^1 + 16^0 + 23^2 = 43 + 60 + 111 + 160 + 232 \\
 606 &:= 3^0 + 5^0 + 6^3 + 19^2 + 27^1 = 30 + 50 + 63 + 192 + 271 & 606 &:= 4^3 + 7^0 + 11^1 + 15^0 + 23^2 = 43 + 70 + 111 + 150 + 232 \\
 606 &:= 3^0 + 5^1 + 7^2 + 22^1 + 23^2 = 30 + 51 + 72 + 221 + 232 & 606 &:= 4^3 + 8^0 + 11^1 + 14^0 + 23^2 = 43 + 80 + 111 + 140 + 232 \\
 606 &:= 3^0 + 6^1 + 7^2 + 21^1 + 23^2 = 30 + 61 + 72 + 211 + 232 & 606 &:= 4^3 + 9^0 + 11^1 + 13^0 + 23^2 = 43 + 90 + 111 + 130 + 232 \\
 606 &:= 3^0 + 7^1 + 7^2 + 20^1 + 23^2 = 30 + 71 + 72 + 201 + 232 & 606 &:= 5^0 + 5^1 + 7^3 + 16^2 + 27^0 = 50 + 51 + 73 + 162 + 270 \\
 606 &:= 3^0 + 7^2 + 10^1 + 17^1 + 23^2 = 30 + 72 + 101 + 171 + 232 & 606 &:= 5^0 + 8^3 + 9^2 + 11^1 + 27^0 = 50 + 83 + 92 + 111 + 270 \\
 606 &:= 3^0 + 7^2 + 11^1 + 16^1 + 23^2 = 30 + 72 + 111 + 161 + 232 & 606 &:= 5^1 + 6^0 + 7^3 + 16^2 + 26^0 = 51 + 60 + 73 + 162 + 260 \\
 606 &:= 3^0 + 7^2 + 12^1 + 15^1 + 23^2 = 30 + 72 + 121 + 151 + 232 & 606 &:= 5^1 + 7^0 + 10^2 + 16^1 + 22^2 = 51 + 70 + 102 + 161 + 222 \\
 606 &:= 3^0 + 7^2 + 13^1 + 14^1 + 23^2 = 30 + 72 + 131 + 141 + 232 & 606 &:= 5^1 + 7^0 + 12^2 + 15^1 + 21^2 = 51 + 70 + 122 + 151 + 212 \\
 606 &:= 3^0 + 7^2 + 8^1 + 19^1 + 23^2 = 30 + 72 + 81 + 191 + 232 & 606 &:= 5^1 + 7^0 + 14^1 + 15^2 + 19^2 = 51 + 70 + 141 + 152 + 192
 \end{aligned}$$

$$\begin{aligned}
 606 &:= 5^1 + 7^0 + 7^3 + 16^2 + 25^0 = 51 + 70 + 73 + 162 + 250 \\
 606 &:= 5^1 + 7^1 + 8^2 + 17^0 + 23^2 = 51 + 71 + 82 + 170 + 232 \\
 606 &:= 5^1 + 7^3 + 10^0 + 16^2 + 22^0 = 51 + 73 + 100 + 162 + 220 \\
 606 &:= 5^1 + 7^3 + 11^0 + 16^2 + 21^0 = 51 + 73 + 110 + 162 + 210 \\
 606 &:= 5^1 + 7^3 + 12^0 + 16^2 + 20^0 = 51 + 73 + 120 + 162 + 200 \\
 606 &:= 5^1 + 7^3 + 13^0 + 16^2 + 19^0 = 51 + 73 + 130 + 162 + 190 \\
 606 &:= 5^1 + 7^3 + 14^0 + 16^2 + 18^0 = 51 + 73 + 140 + 162 + 180 \\
 606 &:= 5^1 + 7^3 + 15^0 + 16^2 + 17^0 = 51 + 73 + 150 + 162 + 170 \\
 606 &:= 5^1 + 7^3 + 16^0 + 16^0 + 16^2 = 51 + 73 + 160 + 160 + 162 \\
 606 &:= 5^1 + 7^3 + 8^0 + 16^2 + 24^0 = 51 + 73 + 80 + 162 + 240 \\
 606 &:= 5^1 + 7^3 + 9^0 + 16^2 + 23^0 = 51 + 73 + 90 + 162 + 230 \\
 606 &:= 6^0 + 8^3 + 9^2 + 11^1 + 26^0 = 60 + 83 + 92 + 111 + 260 \\
 606 &:= 6^1 + 6^1 + 8^2 + 17^0 + 23^2 = 61 + 61 + 82 + 170 + 232 \\
 606 &:= 6^1 + 7^0 + 10^2 + 15^1 + 22^2 = 61 + 70 + 102 + 151 + 222 \\
 606 &:= 6^1 + 7^0 + 12^2 + 14^1 + 21^2 = 61 + 70 + 122 + 141 + 212 \\
 606 &:= 6^1 + 7^0 + 13^1 + 15^2 + 19^2 = 61 + 70 + 131 + 152 + 192 \\
 606 &:= 7^0 + 10^1 + 10^1 + 12^2 + 21^2 = 70 + 101 + 101 + 122 + 212 \\
 606 &:= 7^0 + 10^1 + 10^2 + 11^1 + 22^2 = 70 + 101 + 102 + 111 + 222 \\
 606 &:= 7^0 + 7^1 + 10^2 + 14^1 + 22^2 = 70 + 71 + 102 + 141 + 222
 \end{aligned}$$

$$\begin{aligned}
 606 &:= 7^0 + 7^1 + 12^1 + 15^2 + 19^2 = 70 + 71 + 121 + 152 + 192 \\
 606 &:= 7^0 + 7^1 + 12^2 + 13^1 + 21^2 = 70 + 71 + 122 + 131 + 212 \\
 606 &:= 7^0 + 8^1 + 10^2 + 13^1 + 22^2 = 70 + 81 + 102 + 131 + 222 \\
 606 &:= 7^0 + 8^1 + 11^1 + 15^2 + 19^2 = 70 + 81 + 111 + 152 + 192 \\
 606 &:= 7^0 + 8^1 + 12^1 + 12^2 + 21^2 = 70 + 81 + 121 + 122 + 212 \\
 606 &:= 7^0 + 8^3 + 9^2 + 11^1 + 25^0 = 70 + 83 + 92 + 111 + 250 \\
 606 &:= 7^0 + 9^1 + 10^1 + 15^2 + 19^2 = 70 + 91 + 101 + 152 + 192 \\
 606 &:= 7^0 + 9^1 + 10^2 + 12^1 + 22^2 = 70 + 91 + 102 + 121 + 222 \\
 606 &:= 7^0 + 9^1 + 11^1 + 12^2 + 21^2 = 70 + 91 + 111 + 122 + 212 \\
 606 &:= 8^0 + 8^3 + 9^2 + 11^1 + 24^0 = 80 + 83 + 92 + 111 + 240 \\
 606 &:= 8^3 + 9^0 + 9^2 + 11^1 + 23^0 = 83 + 90 + 92 + 111 + 230 \\
 606 &:= 8^3 + 9^2 + 10^0 + 11^1 + 22^0 = 83 + 92 + 100 + 111 + 220 \\
 606 &:= 8^3 + 9^2 + 11^0 + 11^1 + 21^0 = 83 + 92 + 110 + 111 + 210 \\
 606 &:= 8^3 + 9^2 + 11^1 + 12^0 + 20^0 = 83 + 92 + 111 + 120 + 200 \\
 606 &:= 8^3 + 9^2 + 11^1 + 13^0 + 19^0 = 83 + 92 + 111 + 130 + 190 \\
 606 &:= 8^3 + 9^2 + 11^1 + 14^0 + 18^0 = 83 + 92 + 111 + 140 + 180 \\
 606 &:= 8^3 + 9^2 + 11^1 + 15^0 + 17^0 = 83 + 92 + 111 + 150 + 170 \\
 606 &:= 8^3 + 9^2 + 11^1 + 16^0 + 16^0 = 83 + 92 + 111 + 160 + 160
 \end{aligned}$$

2.2.508 Number 607

$$\begin{aligned}
 607 &:= 1^3 + 11^2 + 22^2 + 26^0 = 13 + 112 + 222 + 260 \\
 607 &:= 1^4 + 6^0 + 24^2 + 29^1 = 14 + 60 + 242 + 291 \\
 607 &:= 2^4 + 14^1 + 20^0 + 24^2 = 24 + 141 + 200 + 242 \\
 607 &:= 2^4 + 2^9 + 3^3 + 52^1 = 24 + 29 + 33 + 521 \\
 607 &:= 4^3 + 8^3 + 18^0 + 30^1 = 43 + 83 + 180 + 301 \\
 607 &:= 4^4 + 12^0 + 18^2 + 26^1 = 44 + 120 + 182 + 261 \\
 607 &:= 5^3 + 15^2 + 16^2 + 24^0 = 53 + 152 + 162 + 240 \\
 607 &:= 5^3 + 9^2 + 20^2 + 26^0 = 53 + 92 + 202 + 260 \\
 607 &:= 1^0 + 2^4 + 13^1 + 20^0 + 24^2 = 10 + 24 + 131 + 200 + 242 \\
 607 &:= 1^0 + 3^3 + 17^2 + 17^2 + 22^0 = 10 + 33 + 172 + 172 + 220 \\
 607 &:= 1^0 + 3^3 + 7^2 + 23^2 + 26^0 = 10 + 33 + 72 + 232 + 260 \\
 607 &:= 1^0 + 3^5 + 10^0 + 19^2 + 27^0 = 10 + 35 + 100 + 192 + 270 \\
 607 &:= 1^0 + 3^5 + 11^0 + 19^2 + 26^0 = 10 + 35 + 110 + 192 + 260 \\
 607 &:= 1^0 + 3^5 + 12^0 + 19^2 + 25^0 = 10 + 35 + 120 + 192 + 250 \\
 607 &:= 1^0 + 3^5 + 13^0 + 19^2 + 24^0 = 10 + 35 + 130 + 192 + 240 \\
 607 &:= 1^0 + 3^5 + 14^0 + 19^2 + 23^0 = 10 + 35 + 140 + 192 + 230
 \end{aligned}$$

$$\begin{aligned}
 607 &:= 1^0 + 3^5 + 15^0 + 19^2 + 22^0 = 10 + 35 + 150 + 192 + 220 \\
 607 &:= 1^0 + 3^5 + 16^0 + 19^2 + 21^0 = 10 + 35 + 160 + 192 + 210 \\
 607 &:= 1^0 + 3^5 + 17^0 + 19^2 + 20^0 = 10 + 35 + 170 + 192 + 200 \\
 607 &:= 1^0 + 3^5 + 18^0 + 19^0 + 19^2 = 10 + 35 + 180 + 190 + 192 \\
 607 &:= 1^0 + 4^3 + 10^2 + 21^2 + 24^0 = 10 + 43 + 102 + 212 + 240 \\
 607 &:= 1^0 + 4^4 + 12^0 + 18^2 + 25^1 = 10 + 44 + 120 + 182 + 251 \\
 607 &:= 1^0 + 6^3 + 10^2 + 17^2 + 26^0 = 10 + 63 + 102 + 172 + 260 \\
 607 &:= 1^1 + 10^2 + 12^2 + 18^0 + 19^2 = 11 + 102 + 122 + 180 + 192 \\
 607 &:= 1^1 + 2^3 + 12^0 + 21^1 + 24^2 = 11 + 23 + 120 + 211 + 242 \\
 607 &:= 1^1 + 3^2 + 14^2 + 20^2 + 22^0 = 11 + 32 + 142 + 202 + 220 \\
 607 &:= 1^1 + 4^3 + 12^1 + 20^0 + 23^2 = 11 + 43 + 121 + 200 + 232 \\
 607 &:= 1^1 + 5^2 + 16^2 + 18^2 + 20^0 = 11 + 52 + 162 + 182 + 200 \\
 607 &:= 1^1 + 6^2 + 13^2 + 20^0 + 20^2 = 11 + 62 + 132 + 200 + 202 \\
 607 &:= 1^1 + 8^2 + 10^2 + 20^0 + 21^2 = 11 + 82 + 102 + 200 + 212 \\
 607 &:= 1^2 + 2^0 + 7^2 + 23^2 + 27^1 = 12 + 20 + 72 + 232 + 271 \\
 607 &:= 1^2 + 2^2 + 8^0 + 24^2 + 25^1 = 12 + 22 + 80 + 242 + 251
 \end{aligned}$$

$$\begin{aligned} 607 &:= 1^2 + 3^2 + 12^0 + 20^1 + 24^2 = 12 + 32 + 120 + 201 + 242 \\ 607 &:= 1^2 + 4^1 + 5^2 + 24^2 + 26^0 = 12 + 41 + 52 + 242 + 260 \\ 607 &:= 1^2 + 4^2 + 13^1 + 18^0 + 24^2 = 12 + 42 + 131 + 180 + 242 \\ 607 &:= 1^2 + 6^0 + 10^2 + 21^1 + 22^2 = 12 + 60 + 102 + 211 + 222 \\ 607 &:= 1^2 + 6^0 + 12^2 + 20^1 + 21^2 = 12 + 60 + 122 + 201 + 212 \\ 607 &:= 1^2 + 6^0 + 15^2 + 19^1 + 19^2 = 12 + 60 + 152 + 191 + 192 \\ 607 &:= 1^2 + 8^2 + 12^1 + 16^0 + 23^2 = 12 + 82 + 121 + 160 + 232 \\ 607 &:= 1^2 + 9^1 + 14^2 + 16^0 + 20^2 = 12 + 91 + 142 + 160 + 202 \\ 607 &:= 1^3 + 1^9 + 7^2 + 23^2 + 27^1 = 13 + 19 + 72 + 232 + 271 \\ 607 &:= 1^3 + 2^1 + 6^0 + 24^2 + 27^1 = 13 + 21 + 60 + 242 + 271 \\ 607 &:= 1^3 + 3^1 + 6^0 + 24^2 + 26^1 = 13 + 31 + 60 + 242 + 261 \\ 607 &:= 1^3 + 4^1 + 6^0 + 24^2 + 25^1 = 13 + 41 + 60 + 242 + 251 \\ 607 &:= 1^3 + 5^1 + 6^0 + 24^1 + 24^2 = 13 + 51 + 60 + 241 + 242 \\ 607 &:= 1^3 + 6^0 + 10^1 + 19^1 + 24^2 = 13 + 60 + 101 + 191 + 242 \\ 607 &:= 1^3 + 6^0 + 11^1 + 18^1 + 24^2 = 13 + 60 + 111 + 181 + 242 \\ 607 &:= 1^3 + 6^0 + 12^1 + 17^1 + 24^2 = 13 + 60 + 121 + 171 + 242 \\ 607 &:= 1^3 + 6^0 + 13^1 + 16^1 + 24^2 = 13 + 60 + 131 + 161 + 242 \\ 607 &:= 1^3 + 6^0 + 14^1 + 15^1 + 24^2 = 13 + 60 + 141 + 151 + 242 \\ 607 &:= 1^3 + 6^0 + 6^1 + 23^1 + 24^2 = 13 + 60 + 61 + 231 + 242 \\ 607 &:= 1^3 + 6^0 + 7^1 + 22^1 + 24^2 = 13 + 60 + 71 + 221 + 242 \\ 607 &:= 1^3 + 6^0 + 8^1 + 21^1 + 24^2 = 13 + 60 + 81 + 211 + 242 \\ 607 &:= 1^3 + 6^0 + 9^1 + 20^1 + 24^2 = 13 + 60 + 91 + 201 + 242 \\ 607 &:= 1^4 + 1^8 + 7^2 + 23^2 + 27^1 = 14 + 18 + 72 + 232 + 271 \\ 607 &:= 1^5 + 1^7 + 7^2 + 23^2 + 27^1 = 15 + 17 + 72 + 232 + 271 \\ 607 &:= 1^5 + 2^7 + 14^2 + 16^2 + 26^1 = 15 + 27 + 142 + 162 + 261 \\ 607 &:= 1^6 + 1^6 + 7^2 + 23^2 + 27^1 = 16 + 16 + 72 + 232 + 271 \\ 607 &:= 1^6 + 2^8 + 13^0 + 18^2 + 25^1 = 16 + 28 + 130 + 182 + 251 \\ 607 &:= 1^7 + 2^5 + 8^2 + 22^2 + 26^1 = 17 + 25 + 82 + 222 + 261 \\ 607 &:= 1^7 + 2^6 + 10^2 + 21^2 + 25^0 = 17 + 26 + 102 + 212 + 250 \\ 607 &:= 1^8 + 2^4 + 9^2 + 22^2 + 25^1 = 18 + 24 + 92 + 222 + 251 \\ 607 &:= 1^8 + 2^6 + 12^1 + 21^0 + 23^2 = 18 + 26 + 121 + 210 + 232 \\ 607 &:= 1^8 + 3^4 + 10^2 + 20^2 + 25^1 = 18 + 34 + 102 + 202 + 251 \\ 607 &:= 1^9 + 3^3 + 14^2 + 19^2 + 22^1 = 19 + 33 + 142 + 192 + 221 \\ 607 &:= 1^9 + 4^3 + 14^2 + 18^2 + 22^1 = 19 + 43 + 142 + 182 + 221 \\ 607 &:= 1^9 + 5^3 + 13^2 + 17^2 + 23^1 = 19 + 53 + 132 + 172 + 231 \\ 607 &:= 1^9 + 6^3 + 13^2 + 14^2 + 25^1 = 19 + 63 + 132 + 142 + 251 \\ 607 &:= 2^0 + 11^2 + 12^2 + 17^1 + 18^2 = 20 + 112 + 122 + 171 + 182 \\ 607 &:= 2^0 + 13^2 + 14^2 + 15^2 + 16^1 = 20 + 132 + 142 + 152 + 161 \\ 607 &:= 2^0 + 2^2 + 16^2 + 18^2 + 22^1 = 20 + 22 + 162 + 182 + 221 \\ 607 &:= 2^0 + 2^4 + 13^1 + 19^0 + 24^2 = 20 + 24 + 131 + 190 + 242 \\ 607 &:= 2^0 + 3^3 + 17^2 + 17^2 + 21^0 = 20 + 33 + 172 + 172 + 210 \\ 607 &:= 2^0 + 3^3 + 7^2 + 23^2 + 25^0 = 20 + 33 + 72 + 232 + 250 \\ 607 &:= 2^0 + 3^5 + 10^0 + 19^2 + 26^0 = 20 + 35 + 100 + 192 + 260 \\ 607 &:= 2^0 + 3^5 + 11^0 + 19^2 + 25^0 = 20 + 35 + 110 + 192 + 250 \\ 607 &:= 2^0 + 3^5 + 12^0 + 19^2 + 24^0 = 20 + 35 + 120 + 192 + 240 \\ 607 &:= 2^0 + 3^5 + 13^0 + 19^2 + 23^0 = 20 + 35 + 130 + 192 + 230 \\ 607 &:= 2^0 + 3^5 + 14^0 + 19^2 + 22^0 = 20 + 35 + 140 + 192 + 220 \\ 607 &:= 2^0 + 3^5 + 15^0 + 19^2 + 21^0 = 20 + 35 + 150 + 192 + 210 \\ 607 &:= 2^0 + 3^5 + 16^0 + 19^2 + 20^0 = 20 + 35 + 160 + 192 + 200 \\ 607 &:= 2^0 + 3^5 + 17^0 + 19^0 + 19^2 = 20 + 35 + 170 + 190 + 192 \\ 607 &:= 2^0 + 3^5 + 18^0 + 18^0 + 19^2 = 20 + 35 + 180 + 180 + 192 \\ 607 &:= 2^0 + 3^5 + 9^0 + 19^2 + 27^0 = 20 + 35 + 90 + 192 + 270 \\ 607 &:= 2^0 + 4^2 + 13^2 + 20^2 + 21^1 = 20 + 42 + 132 + 202 + 211 \\ 607 &:= 2^0 + 4^2 + 6^2 + 23^2 + 25^1 = 20 + 42 + 62 + 232 + 251 \\ 607 &:= 2^0 + 4^3 + 10^2 + 21^2 + 23^0 = 20 + 43 + 102 + 212 + 230 \\ 607 &:= 2^0 + 4^4 + 11^0 + 18^2 + 25^1 = 20 + 44 + 110 + 182 + 251 \\ 607 &:= 2^0 + 6^2 + 8^2 + 22^1 + 22^2 = 20 + 62 + 82 + 221 + 222 \\ 607 &:= 2^0 + 6^3 + 10^2 + 17^2 + 25^0 = 20 + 63 + 102 + 172 + 250 \\ 607 &:= 2^0 + 8^2 + 9^2 + 20^1 + 21^2 = 20 + 82 + 92 + 201 + 212 \\ 607 &:= 2^1 + 2^3 + 12^0 + 20^1 + 24^2 = 21 + 23 + 120 + 201 + 242 \\ 607 &:= 2^1 + 4^3 + 11^1 + 20^0 + 23^2 = 21 + 43 + 111 + 200 + 232 \\ 607 &:= 2^1 + 6^0 + 6^3 + 19^2 + 27^1 = 21 + 60 + 63 + 192 + 271 \\ 607 &:= 2^2 + 2^2 + 10^0 + 22^1 + 24^2 = 22 + 22 + 100 + 221 + 242 \\ 607 &:= 2^2 + 3^2 + 14^0 + 17^1 + 24^2 = 22 + 32 + 140 + 171 + 242 \\ 607 &:= 2^2 + 4^0 + 7^2 + 23^2 + 24^1 = 22 + 40 + 72 + 232 + 241 \\ 607 &:= 2^2 + 4^2 + 10^1 + 20^0 + 24^2 = 22 + 42 + 101 + 200 + 242 \\ 607 &:= 2^2 + 6^1 + 14^2 + 18^0 + 20^2 = 22 + 61 + 142 + 180 + 202 \\ 607 &:= 2^2 + 8^0 + 10^2 + 18^1 + 22^2 = 22 + 80 + 102 + 181 + 222 \\ 607 &:= 2^2 + 8^0 + 12^2 + 17^1 + 21^2 = 22 + 80 + 122 + 171 + 212 \\ 607 &:= 2^2 + 8^0 + 15^2 + 16^1 + 19^2 = 22 + 80 + 152 + 161 + 192 \\ 607 &:= 2^2 + 8^2 + 9^1 + 18^0 + 23^2 = 22 + 82 + 91 + 180 + 232 \\ 607 &:= 2^3 + 10^1 + 12^0 + 12^1 + 24^2 = 23 + 101 + 120 + 121 + 242 \\ 607 &:= 2^3 + 11^1 + 11^1 + 12^0 + 24^2 = 23 + 111 + 111 + 120 + 242 \\ 607 &:= 2^3 + 3^1 + 12^0 + 19^1 + 24^2 = 23 + 31 + 120 + 191 + 242 \\ 607 &:= 2^3 + 4^1 + 12^0 + 18^1 + 24^2 = 23 + 41 + 120 + 181 + 242 \\ 607 &:= 2^3 + 5^1 + 12^0 + 17^1 + 24^2 = 23 + 51 + 120 + 171 + 242 \end{aligned}$$

$$\begin{aligned} 607 &:= 2^3 + 6^1 + 12^0 + 16^1 + 24^2 = 23 + 61 + 120 + 161 + 242 \\ 607 &:= 2^3 + 7^1 + 12^0 + 15^1 + 24^2 = 23 + 71 + 120 + 151 + 242 \\ 607 &:= 2^3 + 8^1 + 12^0 + 14^1 + 24^2 = 23 + 81 + 120 + 141 + 242 \\ 607 &:= 2^3 + 9^1 + 12^0 + 13^1 + 24^2 = 23 + 91 + 120 + 131 + 242 \\ 607 &:= 2^4 + 10^0 + 11^0 + 13^1 + 24^2 = 24 + 100 + 110 + 131 + 242 \\ 607 &:= 2^4 + 3^0 + 13^1 + 18^0 + 24^2 = 24 + 30 + 131 + 180 + 242 \\ 607 &:= 2^4 + 4^0 + 13^1 + 17^0 + 24^2 = 24 + 40 + 131 + 170 + 242 \\ 607 &:= 2^4 + 5^0 + 13^1 + 16^0 + 24^2 = 24 + 50 + 131 + 160 + 242 \\ 607 &:= 2^4 + 6^0 + 13^1 + 15^0 + 24^2 = 24 + 60 + 131 + 150 + 242 \\ 607 &:= 2^4 + 7^0 + 13^1 + 14^0 + 24^2 = 24 + 70 + 131 + 140 + 242 \\ 607 &:= 2^4 + 8^0 + 13^0 + 13^1 + 24^2 = 24 + 80 + 130 + 131 + 242 \\ 607 &:= 2^4 + 9^0 + 12^0 + 13^1 + 24^2 = 24 + 90 + 120 + 131 + 242 \\ 607 &:= 2^5 + 2^7 + 14^2 + 15^2 + 26^1 = 25 + 27 + 142 + 152 + 261 \\ 607 &:= 2^5 + 2^9 + 6^2 + 23^0 + 26^1 = 25 + 29 + 62 + 230 + 261 \\ 607 &:= 2^6 + 2^9 + 10^1 + 20^1 + 25^0 = 26 + 29 + 101 + 201 + 250 \\ 607 &:= 2^6 + 2^9 + 11^1 + 19^1 + 25^0 = 26 + 29 + 111 + 191 + 250 \\ 607 &:= 2^6 + 2^9 + 12^1 + 18^1 + 25^0 = 26 + 29 + 121 + 181 + 250 \\ 607 &:= 2^6 + 2^9 + 13^1 + 17^1 + 25^0 = 26 + 29 + 131 + 171 + 250 \\ 607 &:= 2^6 + 2^9 + 14^1 + 16^1 + 25^0 = 26 + 29 + 141 + 161 + 250 \\ 607 &:= 2^6 + 2^9 + 15^1 + 15^1 + 25^0 = 26 + 29 + 151 + 151 + 250 \\ 607 &:= 2^6 + 2^9 + 3^1 + 25^0 + 27^1 = 26 + 29 + 31 + 250 + 271 \\ 607 &:= 2^6 + 2^9 + 4^1 + 25^0 + 26^1 = 26 + 29 + 41 + 250 + 261 \\ 607 &:= 2^6 + 2^9 + 5^1 + 25^0 + 25^1 = 26 + 29 + 51 + 250 + 251 \\ 607 &:= 2^6 + 2^9 + 6^1 + 24^1 + 25^0 = 26 + 29 + 61 + 241 + 250 \\ 607 &:= 2^6 + 2^9 + 7^1 + 23^1 + 25^0 = 26 + 29 + 71 + 231 + 250 \\ 607 &:= 2^6 + 2^9 + 8^1 + 22^1 + 25^0 = 26 + 29 + 81 + 221 + 250 \\ 607 &:= 2^6 + 2^9 + 9^1 + 21^1 + 25^0 = 26 + 29 + 91 + 211 + 250 \\ 607 &:= 2^7 + 2^7 + 11^0 + 18^2 + 26^1 = 27 + 27 + 110 + 182 + 261 \\ 607 &:= 3^0 + 3^3 + 17^2 + 17^2 + 20^0 = 30 + 33 + 172 + 172 + 200 \\ 607 &:= 3^0 + 3^3 + 7^2 + 23^2 + 24^0 = 30 + 33 + 72 + 232 + 240 \\ 607 &:= 3^0 + 3^5 + 10^0 + 19^2 + 25^0 = 30 + 35 + 100 + 192 + 250 \\ 607 &:= 3^0 + 3^5 + 11^0 + 19^2 + 24^0 = 30 + 35 + 110 + 192 + 240 \\ 607 &:= 3^0 + 3^5 + 12^0 + 19^2 + 23^0 = 30 + 35 + 120 + 192 + 230 \\ 607 &:= 3^0 + 3^5 + 13^0 + 19^2 + 22^0 = 30 + 35 + 130 + 192 + 220 \\ 607 &:= 3^0 + 3^5 + 14^0 + 19^2 + 21^0 = 30 + 35 + 140 + 192 + 210 \\ 607 &:= 3^0 + 3^5 + 15^0 + 19^2 + 20^0 = 30 + 35 + 150 + 192 + 200 \\ 607 &:= 3^0 + 3^5 + 16^0 + 19^0 + 19^2 = 30 + 35 + 160 + 190 + 192 \\ 607 &:= 3^0 + 3^5 + 17^0 + 18^0 + 19^2 = 30 + 35 + 170 + 180 + 192 \end{aligned}$$

$$\begin{aligned} 607 &:= 3^0 + 3^5 + 8^0 + 19^2 + 27^0 = 30 + 35 + 80 + 192 + 270 \\ 607 &:= 3^0 + 3^5 + 9^0 + 19^2 + 26^0 = 30 + 35 + 90 + 192 + 260 \\ 607 &:= 3^0 + 4^3 + 10^2 + 21^2 + 22^0 = 30 + 43 + 102 + 212 + 220 \\ 607 &:= 3^0 + 4^4 + 10^0 + 18^2 + 25^1 = 30 + 44 + 100 + 182 + 251 \\ 607 &:= 3^0 + 6^3 + 10^2 + 17^2 + 24^0 = 30 + 63 + 102 + 172 + 240 \\ 607 &:= 3^1 + 11^2 + 11^2 + 16^0 + 19^2 = 31 + 112 + 112 + 160 + 192 \\ 607 &:= 3^1 + 4^3 + 10^1 + 20^0 + 23^2 = 31 + 43 + 101 + 200 + 232 \\ 607 &:= 3^1 + 5^2 + 17^2 + 17^2 + 18^0 = 31 + 52 + 172 + 172 + 180 \\ 607 &:= 3^1 + 5^2 + 7^2 + 22^0 + 23^2 = 31 + 52 + 72 + 220 + 232 \\ 607 &:= 3^1 + 6^0 + 6^3 + 19^2 + 26^1 = 31 + 60 + 63 + 192 + 261 \\ 607 &:= 3^1 + 8^2 + 8^3 + 14^0 + 27^1 = 31 + 82 + 83 + 140 + 271 \\ 607 &:= 3^1 + 9^2 + 9^2 + 18^0 + 21^2 = 31 + 92 + 92 + 180 + 212 \\ 607 &:= 3^2 + 10^2 + 12^0 + 13^1 + 22^2 = 32 + 102 + 120 + 131 + 222 \\ 607 &:= 3^2 + 11^1 + 12^0 + 15^2 + 19^2 = 32 + 111 + 120 + 152 + 192 \\ 607 &:= 3^2 + 12^0 + 12^1 + 12^2 + 21^2 = 32 + 120 + 121 + 122 + 212 \\ 607 &:= 3^2 + 3^2 + 12^1 + 18^0 + 24^2 = 32 + 32 + 121 + 180 + 242 \\ 607 &:= 3^2 + 4^0 + 17^2 + 17^2 + 19^1 = 32 + 40 + 172 + 172 + 191 \\ 607 &:= 3^2 + 4^1 + 8^2 + 22^0 + 23^2 = 32 + 41 + 82 + 220 + 232 \\ 607 &:= 3^2 + 4^2 + 5^1 + 24^0 + 24^2 = 32 + 42 + 51 + 240 + 242 \\ 607 &:= 3^2 + 6^0 + 16^2 + 17^1 + 18^2 = 32 + 60 + 162 + 171 + 182 \\ 607 &:= 3^2 + 7^2 + 8^0 + 19^1 + 23^2 = 32 + 72 + 80 + 191 + 232 \\ 607 &:= 3^3 + 10^0 + 13^0 + 17^2 + 17^2 = 33 + 100 + 130 + 172 + 172 \\ 607 &:= 3^3 + 11^0 + 12^0 + 17^2 + 17^2 = 33 + 110 + 120 + 172 + 172 \\ 607 &:= 3^3 + 4^0 + 17^2 + 17^2 + 19^0 = 33 + 40 + 172 + 172 + 190 \\ 607 &:= 3^3 + 4^0 + 7^2 + 23^0 + 23^2 = 33 + 40 + 72 + 230 + 232 \\ 607 &:= 3^3 + 5^0 + 17^2 + 17^2 + 18^0 = 33 + 50 + 172 + 172 + 180 \\ 607 &:= 3^3 + 5^0 + 7^2 + 22^0 + 23^2 = 33 + 50 + 72 + 220 + 232 \\ 607 &:= 3^3 + 6^0 + 17^0 + 17^2 + 17^2 = 33 + 60 + 170 + 172 + 172 \\ 607 &:= 3^3 + 6^0 + 7^2 + 21^0 + 23^2 = 33 + 60 + 72 + 210 + 232 \\ 607 &:= 3^3 + 7^0 + 16^0 + 17^2 + 17^2 = 33 + 70 + 160 + 172 + 172 \\ 607 &:= 3^3 + 7^0 + 7^2 + 20^0 + 23^2 = 33 + 70 + 72 + 200 + 232 \\ 607 &:= 3^3 + 7^2 + 10^0 + 17^0 + 23^2 = 33 + 72 + 100 + 170 + 232 \\ 607 &:= 3^3 + 7^2 + 11^0 + 16^0 + 23^2 = 33 + 72 + 110 + 160 + 232 \\ 607 &:= 3^3 + 7^2 + 12^0 + 15^0 + 23^2 = 33 + 72 + 120 + 150 + 232 \\ 607 &:= 3^3 + 7^2 + 13^0 + 14^0 + 23^2 = 33 + 72 + 130 + 140 + 232 \\ 607 &:= 3^3 + 7^2 + 8^0 + 19^0 + 23^2 = 33 + 72 + 80 + 190 + 232 \\ 607 &:= 3^3 + 7^2 + 9^0 + 18^0 + 23^2 = 33 + 72 + 90 + 180 + 232 \\ 607 &:= 3^3 + 8^0 + 15^0 + 17^2 + 17^2 = 33 + 80 + 150 + 172 + 172 \end{aligned}$$

$$\begin{aligned} 607 &:= 3^3 + 9^0 + 14^0 + 17^2 + 17^2 = 33 + 90 + 140 + 172 + 172 \\ 607 &:= 3^5 + 10^0 + 10^0 + 18^0 + 19^2 = 35 + 100 + 100 + 180 + 192 \\ 607 &:= 3^5 + 10^0 + 11^0 + 17^0 + 19^2 = 35 + 100 + 110 + 170 + 192 \\ 607 &:= 3^5 + 10^0 + 12^0 + 16^0 + 19^2 = 35 + 100 + 120 + 160 + 192 \\ 607 &:= 3^5 + 10^0 + 13^0 + 15^0 + 19^2 = 35 + 100 + 130 + 150 + 192 \\ 607 &:= 3^5 + 10^0 + 14^0 + 14^0 + 19^2 = 35 + 100 + 140 + 140 + 192 \\ 607 &:= 3^5 + 11^0 + 11^0 + 16^0 + 19^2 = 35 + 110 + 110 + 160 + 192 \\ 607 &:= 3^5 + 11^0 + 12^0 + 15^0 + 19^2 = 35 + 110 + 120 + 150 + 192 \\ 607 &:= 3^5 + 11^0 + 13^0 + 14^0 + 19^2 = 35 + 110 + 130 + 140 + 192 \\ 607 &:= 3^5 + 12^0 + 12^0 + 14^0 + 19^2 = 35 + 120 + 120 + 140 + 192 \\ 607 &:= 3^5 + 12^0 + 13^0 + 13^0 + 19^2 = 35 + 120 + 130 + 130 + 192 \\ 607 &:= 3^5 + 4^0 + 10^0 + 19^2 + 24^0 = 35 + 40 + 100 + 192 + 240 \\ 607 &:= 3^5 + 4^0 + 11^0 + 19^2 + 23^0 = 35 + 40 + 110 + 192 + 230 \\ 607 &:= 3^5 + 4^0 + 12^0 + 19^2 + 22^0 = 35 + 40 + 120 + 192 + 220 \\ 607 &:= 3^5 + 4^0 + 13^0 + 19^2 + 21^0 = 35 + 40 + 130 + 192 + 210 \\ 607 &:= 3^5 + 4^0 + 14^0 + 19^2 + 20^0 = 35 + 40 + 140 + 192 + 200 \\ 607 &:= 3^5 + 4^0 + 15^0 + 19^0 + 19^2 = 35 + 40 + 150 + 190 + 192 \\ 607 &:= 3^5 + 4^0 + 16^0 + 18^0 + 19^2 = 35 + 40 + 160 + 180 + 192 \\ 607 &:= 3^5 + 4^0 + 17^0 + 17^0 + 19^2 = 35 + 40 + 170 + 170 + 192 \\ 607 &:= 3^5 + 4^0 + 7^0 + 19^2 + 27^0 = 35 + 40 + 70 + 192 + 270 \\ 607 &:= 3^5 + 4^0 + 8^0 + 19^2 + 26^0 = 35 + 40 + 80 + 192 + 260 \\ 607 &:= 3^5 + 4^0 + 9^0 + 19^2 + 25^0 = 35 + 40 + 90 + 192 + 250 \\ 607 &:= 3^5 + 5^0 + 10^0 + 19^2 + 23^0 = 35 + 50 + 100 + 192 + 230 \\ 607 &:= 3^5 + 5^0 + 11^0 + 19^2 + 22^0 = 35 + 50 + 110 + 192 + 220 \\ 607 &:= 3^5 + 5^0 + 12^0 + 19^2 + 21^0 = 35 + 50 + 120 + 192 + 210 \\ 607 &:= 3^5 + 5^0 + 13^0 + 19^2 + 20^0 = 35 + 50 + 130 + 192 + 200 \\ 607 &:= 3^5 + 5^0 + 14^0 + 19^0 + 19^2 = 35 + 50 + 140 + 190 + 192 \\ 607 &:= 3^5 + 5^0 + 15^0 + 18^0 + 19^2 = 35 + 50 + 150 + 180 + 192 \\ 607 &:= 3^5 + 5^0 + 16^0 + 17^0 + 19^2 = 35 + 50 + 160 + 170 + 192 \\ 607 &:= 3^5 + 5^0 + 6^0 + 19^2 + 27^0 = 35 + 50 + 60 + 192 + 270 \\ 607 &:= 3^5 + 5^0 + 7^0 + 19^2 + 26^0 = 35 + 50 + 70 + 192 + 260 \\ 607 &:= 3^5 + 5^0 + 8^0 + 19^2 + 25^0 = 35 + 50 + 80 + 192 + 250 \\ 607 &:= 3^5 + 5^0 + 9^0 + 19^2 + 24^0 = 35 + 50 + 90 + 192 + 240 \\ 607 &:= 3^5 + 6^0 + 10^0 + 19^2 + 22^0 = 35 + 60 + 100 + 192 + 220 \\ 607 &:= 3^5 + 6^0 + 11^0 + 19^2 + 21^0 = 35 + 60 + 110 + 192 + 210 \\ 607 &:= 3^5 + 6^0 + 12^0 + 19^2 + 20^0 = 35 + 60 + 120 + 192 + 200 \\ 607 &:= 3^5 + 6^0 + 13^0 + 19^0 + 19^2 = 35 + 60 + 130 + 190 + 192 \\ 607 &:= 3^5 + 6^0 + 14^0 + 18^0 + 19^2 = 35 + 60 + 140 + 180 + 192 \end{aligned}$$

$$\begin{aligned} 607 &:= 3^5 + 6^0 + 15^0 + 17^0 + 19^2 = 35 + 60 + 150 + 170 + 192 \\ 607 &:= 3^5 + 6^0 + 16^0 + 16^0 + 19^2 = 35 + 60 + 160 + 160 + 192 \\ 607 &:= 3^5 + 6^0 + 6^0 + 19^2 + 26^0 = 35 + 60 + 60 + 192 + 260 \\ 607 &:= 3^5 + 6^0 + 7^0 + 19^2 + 25^0 = 35 + 60 + 70 + 192 + 250 \\ 607 &:= 3^5 + 6^0 + 8^0 + 19^2 + 24^0 = 35 + 60 + 80 + 192 + 240 \\ 607 &:= 3^5 + 6^0 + 9^0 + 19^2 + 23^0 = 35 + 60 + 90 + 192 + 230 \\ 607 &:= 3^5 + 7^0 + 10^0 + 19^2 + 21^0 = 35 + 70 + 100 + 192 + 210 \\ 607 &:= 3^5 + 7^0 + 11^0 + 19^2 + 20^0 = 35 + 70 + 110 + 192 + 200 \\ 607 &:= 3^5 + 7^0 + 12^0 + 19^0 + 19^2 = 35 + 70 + 120 + 190 + 192 \\ 607 &:= 3^5 + 7^0 + 13^0 + 18^0 + 19^2 = 35 + 70 + 130 + 180 + 192 \\ 607 &:= 3^5 + 7^0 + 14^0 + 17^0 + 19^2 = 35 + 70 + 140 + 170 + 192 \\ 607 &:= 3^5 + 7^0 + 15^0 + 16^0 + 19^2 = 35 + 70 + 150 + 160 + 192 \\ 607 &:= 3^5 + 7^0 + 7^0 + 19^2 + 24^0 = 35 + 70 + 70 + 192 + 240 \\ 607 &:= 3^5 + 7^0 + 8^0 + 19^2 + 23^0 = 35 + 70 + 80 + 192 + 230 \\ 607 &:= 3^5 + 7^0 + 9^0 + 19^2 + 22^0 = 35 + 70 + 90 + 192 + 220 \\ 607 &:= 3^5 + 8^0 + 10^0 + 19^2 + 20^0 = 35 + 80 + 100 + 192 + 200 \\ 607 &:= 3^5 + 8^0 + 11^0 + 19^0 + 19^2 = 35 + 80 + 110 + 190 + 192 \\ 607 &:= 3^5 + 8^0 + 12^0 + 18^0 + 19^2 = 35 + 80 + 120 + 180 + 192 \\ 607 &:= 3^5 + 8^0 + 13^0 + 17^0 + 19^2 = 35 + 80 + 130 + 170 + 192 \\ 607 &:= 3^5 + 8^0 + 14^0 + 16^0 + 19^2 = 35 + 80 + 140 + 160 + 192 \\ 607 &:= 3^5 + 8^0 + 15^0 + 15^0 + 19^2 = 35 + 80 + 150 + 150 + 192 \\ 607 &:= 3^5 + 8^0 + 8^0 + 19^2 + 22^0 = 35 + 80 + 80 + 192 + 220 \\ 607 &:= 3^5 + 8^0 + 9^0 + 19^2 + 21^0 = 35 + 80 + 90 + 192 + 210 \\ 607 &:= 3^5 + 9^0 + 10^0 + 19^0 + 19^2 = 35 + 90 + 100 + 190 + 192 \\ 607 &:= 3^5 + 9^0 + 11^0 + 18^0 + 19^2 = 35 + 90 + 110 + 180 + 192 \\ 607 &:= 3^5 + 9^0 + 12^0 + 17^0 + 19^2 = 35 + 90 + 120 + 170 + 192 \\ 607 &:= 3^5 + 9^0 + 13^0 + 16^0 + 19^2 = 35 + 90 + 130 + 160 + 192 \\ 607 &:= 3^5 + 9^0 + 14^0 + 15^0 + 19^2 = 35 + 90 + 140 + 150 + 192 \\ 607 &:= 3^5 + 9^0 + 9^0 + 19^2 + 20^0 = 35 + 90 + 90 + 192 + 200 \\ 607 &:= 4^0 + 4^3 + 10^2 + 21^0 + 21^2 = 40 + 43 + 102 + 210 + 212 \\ 607 &:= 4^0 + 4^4 + 9^0 + 18^2 + 25^1 = 40 + 44 + 90 + 182 + 251 \\ 607 &:= 4^0 + 5^2 + 11^2 + 19^1 + 21^2 = 40 + 52 + 112 + 191 + 212 \\ 607 &:= 4^0 + 6^3 + 10^2 + 17^2 + 23^0 = 40 + 63 + 102 + 172 + 230 \\ 607 &:= 4^1 + 11^2 + 14^0 + 15^2 + 16^2 = 41 + 112 + 140 + 152 + 162 \\ 607 &:= 4^1 + 12^2 + 13^2 + 14^0 + 17^2 = 41 + 122 + 132 + 140 + 172 \\ 607 &:= 4^1 + 4^2 + 15^2 + 18^0 + 19^2 = 41 + 42 + 152 + 180 + 192 \\ 607 &:= 4^1 + 4^3 + 9^1 + 20^0 + 23^2 = 41 + 43 + 91 + 200 + 232 \\ 607 &:= 4^1 + 6^0 + 6^3 + 19^2 + 25^1 = 41 + 60 + 63 + 192 + 251 \end{aligned}$$

$$\begin{aligned}
 607 &:= 4^1 + 8^2 + 8^3 + 14^0 + 26^1 = 41 + 82 + 83 + 140 + 261 & 607 &:= 6^0 + 6^3 + 13^1 + 16^1 + 19^2 = 60 + 63 + 131 + 161 + 192 \\
 607 &:= 4^1 + 9^2 + 11^2 + 16^0 + 20^2 = 41 + 92 + 112 + 160 + 202 & 607 &:= 6^0 + 6^3 + 14^1 + 15^1 + 19^2 = 60 + 63 + 141 + 151 + 192 \\
 607 &:= 4^2 + 10^0 + 12^1 + 17^2 + 17^2 = 42 + 100 + 121 + 172 + 172 & 607 &:= 6^0 + 6^3 + 7^1 + 19^2 + 22^1 = 60 + 63 + 71 + 192 + 221 \\
 607 &:= 4^2 + 10^1 + 12^0 + 16^2 + 18^2 = 42 + 101 + 120 + 162 + 182 & 607 &:= 6^0 + 6^3 + 8^1 + 19^2 + 21^1 = 60 + 63 + 81 + 192 + 211 \\
 607 &:= 4^2 + 5^1 + 12^2 + 18^0 + 21^2 = 42 + 51 + 122 + 180 + 212 & 607 &:= 6^0 + 6^3 + 9^1 + 19^2 + 20^1 = 60 + 63 + 91 + 192 + 201 \\
 607 &:= 4^2 + 6^1 + 10^2 + 18^0 + 22^2 = 42 + 61 + 102 + 180 + 222 & 607 &:= 6^0 + 7^2 + 10^2 + 16^1 + 21^2 = 60 + 72 + 102 + 161 + 212 \\
 607 &:= 4^2 + 7^2 + 12^1 + 14^0 + 23^2 = 42 + 72 + 121 + 140 + 232 & 607 &:= 6^0 + 9^2 + 13^1 + 16^2 + 16^2 = 60 + 92 + 131 + 162 + 162 \\
 607 &:= 4^3 + 10^0 + 10^2 + 15^0 + 21^2 = 43 + 100 + 102 + 150 + 212 & 607 &:= 6^1 + 10^2 + 10^2 + 14^0 + 20^2 = 61 + 102 + 102 + 140 + 202 \\
 607 &:= 4^3 + 10^2 + 11^0 + 14^0 + 21^2 = 43 + 102 + 110 + 140 + 212 & 607 &:= 6^1 + 8^2 + 8^3 + 14^0 + 24^1 = 61 + 82 + 83 + 140 + 241 \\
 607 &:= 4^3 + 10^2 + 12^0 + 13^0 + 21^2 = 43 + 102 + 120 + 130 + 212 & 607 &:= 6^2 + 8^0 + 13^1 + 14^2 + 19^2 = 62 + 80 + 131 + 142 + 192 \\
 607 &:= 4^3 + 5^0 + 10^2 + 20^0 + 21^2 = 43 + 50 + 102 + 200 + 212 & 607 &:= 6^2 + 8^1 + 11^2 + 14^0 + 21^2 = 62 + 81 + 112 + 140 + 212 \\
 607 &:= 4^3 + 5^1 + 8^1 + 20^0 + 23^2 = 43 + 51 + 81 + 200 + 232 & 607 &:= 6^3 + 10^0 + 10^2 + 17^0 + 17^2 = 63 + 100 + 102 + 170 + 172 \\
 607 &:= 4^3 + 6^0 + 10^2 + 19^0 + 21^2 = 43 + 60 + 102 + 190 + 212 & 607 &:= 6^3 + 10^2 + 11^0 + 16^0 + 17^2 = 63 + 102 + 110 + 160 + 172 \\
 607 &:= 4^3 + 6^1 + 7^1 + 20^0 + 23^2 = 43 + 61 + 71 + 200 + 232 & 607 &:= 6^3 + 10^2 + 12^0 + 15^0 + 17^2 = 63 + 102 + 120 + 150 + 172 \\
 607 &:= 4^3 + 7^0 + 10^2 + 18^0 + 21^2 = 43 + 70 + 102 + 180 + 212 & 607 &:= 6^3 + 10^2 + 13^0 + 14^0 + 17^2 = 63 + 102 + 130 + 140 + 172 \\
 607 &:= 4^3 + 8^0 + 10^2 + 17^0 + 21^2 = 43 + 80 + 102 + 170 + 212 & 607 &:= 6^3 + 7^0 + 10^2 + 17^2 + 20^0 = 63 + 70 + 102 + 172 + 200 \\
 607 &:= 4^3 + 9^0 + 10^2 + 16^0 + 21^2 = 43 + 90 + 102 + 160 + 212 & 607 &:= 6^3 + 8^0 + 10^2 + 17^2 + 19^0 = 63 + 80 + 102 + 172 + 190 \\
 607 &:= 4^4 + 5^0 + 8^0 + 18^2 + 25^1 = 44 + 50 + 80 + 182 + 251 & 607 &:= 6^3 + 9^0 + 10^2 + 17^2 + 18^0 = 63 + 90 + 102 + 172 + 180 \\
 607 &:= 4^4 + 6^0 + 7^0 + 18^2 + 25^1 = 44 + 60 + 70 + 182 + 251 & 607 &:= 7^1 + 8^2 + 8^3 + 14^0 + 23^1 = 71 + 82 + 83 + 140 + 231 \\
 607 &:= 5^0 + 6^3 + 10^2 + 17^2 + 22^0 = 50 + 63 + 102 + 172 + 220 & 607 &:= 7^2 + 8^0 + 12^1 + 16^2 + 17^2 = 72 + 80 + 121 + 162 + 172 \\
 607 &:= 5^1 + 6^0 + 6^3 + 19^2 + 24^1 = 51 + 60 + 63 + 192 + 241 & 607 &:= 7^2 + 8^0 + 12^2 + 13^1 + 20^2 = 72 + 80 + 122 + 131 + 202 \\
 607 &:= 5^1 + 6^2 + 6^2 + 20^0 + 23^2 = 51 + 62 + 62 + 200 + 232 & 607 &:= 7^2 + 8^1 + 12^0 + 15^2 + 18^2 = 72 + 81 + 120 + 152 + 182 \\
 607 &:= 5^1 + 6^2 + 9^2 + 18^0 + 22^2 = 51 + 62 + 92 + 180 + 222 & 607 &:= 7^2 + 8^2 + 9^1 + 14^0 + 22^2 = 72 + 82 + 91 + 140 + 222 \\
 607 &:= 5^1 + 8^2 + 8^3 + 14^0 + 25^1 = 51 + 82 + 83 + 140 + 251 & 607 &:= 8^0 + 10^1 + 12^2 + 14^2 + 16^2 = 80 + 101 + 122 + 142 + 162 \\
 607 &:= 5^1 + 9^2 + 14^0 + 14^2 + 18^2 = 51 + 92 + 140 + 142 + 182 & 607 &:= 8^0 + 8^2 + 12^1 + 13^2 + 19^2 = 80 + 82 + 121 + 132 + 192 \\
 607 &:= 5^2 + 10^0 + 12^1 + 13^2 + 20^2 = 52 + 100 + 121 + 132 + 202 & 607 &:= 8^0 + 9^2 + 11^1 + 15^2 + 17^2 = 80 + 92 + 111 + 152 + 172 \\
 607 &:= 5^2 + 6^2 + 10^0 + 16^1 + 23^2 = 52 + 62 + 100 + 161 + 232 & 607 &:= 8^1 + 8^2 + 8^3 + 14^0 + 22^1 = 81 + 82 + 83 + 140 + 221 \\
 607 &:= 5^2 + 8^0 + 9^2 + 16^1 + 22^2 = 52 + 80 + 92 + 161 + 222 & 607 &:= 8^2 + 8^3 + 10^1 + 14^0 + 20^1 = 82 + 83 + 101 + 140 + 201 \\
 607 &:= 6^0 + 10^2 + 13^1 + 13^2 + 18^2 = 60 + 102 + 131 + 132 + 182 & 607 &:= 8^2 + 8^3 + 11^1 + 14^0 + 19^1 = 82 + 83 + 111 + 140 + 191 \\
 607 &:= 6^0 + 12^1 + 12^2 + 15^2 + 15^2 = 60 + 121 + 122 + 152 + 152 & 607 &:= 8^2 + 8^3 + 12^1 + 14^0 + 18^1 = 82 + 83 + 121 + 140 + 181 \\
 607 &:= 6^0 + 12^1 + 13^2 + 13^2 + 16^2 = 60 + 121 + 132 + 132 + 162 & 607 &:= 8^2 + 8^3 + 13^1 + 14^0 + 17^1 = 82 + 83 + 131 + 140 + 171 \\
 607 &:= 6^0 + 6^1 + 6^3 + 19^2 + 23^1 = 60 + 61 + 63 + 192 + 231 & 607 &:= 8^2 + 8^3 + 14^0 + 14^1 + 16^1 = 82 + 83 + 140 + 141 + 161 \\
 607 &:= 6^0 + 6^3 + 10^1 + 19^1 + 19^2 = 60 + 63 + 101 + 191 + 192 & 607 &:= 8^2 + 8^3 + 14^0 + 15^1 + 15^1 = 82 + 83 + 140 + 151 + 151 \\
 607 &:= 6^0 + 6^3 + 10^2 + 17^2 + 21^0 = 60 + 63 + 102 + 172 + 210 & 607 &:= 8^2 + 8^3 + 9^1 + 14^0 + 21^1 = 82 + 83 + 91 + 140 + 211 \\
 607 &:= 6^0 + 6^3 + 11^1 + 18^1 + 19^2 = 60 + 63 + 111 + 181 + 192 \\
 607 &:= 6^0 + 6^3 + 12^1 + 17^1 + 19^2 = 60 + 63 + 121 + 171 + 192
 \end{aligned}$$

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$608 := 1^3 + 7^2 + 23^2 + 29^1$	$= 13 + 72 + 232 + 291$	$608 := 1^2 + 5^1 + 7^2 + 23^2 + 24^1$	$= 12 + 51 + 72 + 232 + 241$
$608 := 1^5 + 5^0 + 24^2 + 30^1$	$= 15 + 50 + 242 + 301$	$608 := 1^2 + 6^1 + 7^2 + 23^1 + 23^2$	$= 12 + 61 + 72 + 231 + 232$
$608 := 2^2 + 7^2 + 8^3 + 43^1$	$= 22 + 72 + 83 + 431$	$608 := 1^2 + 7^1 + 7^2 + 22^1 + 23^2$	$= 12 + 71 + 72 + 221 + 232$
$608 := 2^2 + 7^3 + 15^2 + 36^1$	$= 22 + 73 + 152 + 361$	$608 := 1^2 + 7^2 + 10^1 + 19^1 + 23^2$	$= 12 + 72 + 101 + 191 + 232$
$608 := 2^3 + 7^3 + 16^2 + 35^0$	$= 23 + 73 + 162 + 350$	$608 := 1^2 + 7^2 + 11^1 + 18^1 + 23^2$	$= 12 + 72 + 111 + 181 + 232$
$608 := 3^1 + 3^5 + 19^2 + 35^0$	$= 31 + 35 + 192 + 350$	$608 := 1^2 + 7^2 + 12^1 + 17^1 + 23^2$	$= 12 + 72 + 121 + 171 + 232$
$608 := 3^3 + 14^2 + 19^2 + 24^1$	$= 33 + 142 + 192 + 241$	$608 := 1^2 + 7^2 + 13^1 + 16^1 + 23^2$	$= 12 + 72 + 131 + 161 + 232$
$608 := 3^4 + 8^3 + 14^1 + 35^0$	$= 34 + 83 + 141 + 350$	$608 := 1^2 + 7^2 + 14^1 + 15^1 + 23^2$	$= 12 + 72 + 141 + 151 + 232$
$608 := 4^3 + 14^2 + 18^2 + 24^1$	$= 43 + 142 + 182 + 241$	$608 := 1^2 + 7^2 + 14^2 + 19^0 + 19^2$	$= 12 + 72 + 142 + 190 + 192$
$608 := 4^4 + 7^3 + 8^1 + 41^0$	$= 44 + 73 + 81 + 410$	$608 := 1^2 + 7^2 + 8^1 + 21^1 + 23^2$	$= 12 + 72 + 81 + 211 + 232$
$608 := 5^3 + 13^2 + 17^2 + 25^1$	$= 53 + 132 + 172 + 251$	$608 := 1^2 + 7^2 + 9^1 + 20^1 + 23^2$	$= 12 + 72 + 91 + 201 + 232$
$608 := 6^2 + 7^3 + 14^2 + 33^1$	$= 62 + 73 + 142 + 331$	$608 := 1^3 + 10^1 + 14^2 + 15^0 + 20^2$	$= 13 + 101 + 142 + 150 + 202$
$608 := 6^3 + 13^2 + 14^2 + 27^1$	$= 63 + 132 + 142 + 271$	$608 := 1^3 + 2^2 + 7^0 + 24^2 + 26^1$	$= 13 + 22 + 70 + 242 + 261$
$608 := 7^3 + 8^2 + 13^2 + 32^1$	$= 73 + 82 + 132 + 321$	$608 := 1^3 + 3^2 + 11^0 + 21^1 + 24^2$	$= 13 + 32 + 110 + 211 + 242$
$608 := 1^0 + 1^4 + 11^2 + 22^2 + 25^0$	$= 10 + 14 + 112 + 222 + 250$	$608 := 1^3 + 4^2 + 14^1 + 17^0 + 24^2$	$= 13 + 42 + 141 + 170 + 242$
$608 := 1^0 + 3^3 + 14^2 + 19^2 + 23^1$	$= 10 + 33 + 142 + 192 + 231$	$608 := 1^3 + 5^0 + 10^2 + 22^1 + 22^2$	$= 13 + 50 + 102 + 221 + 222$
$608 := 1^0 + 4^3 + 14^2 + 18^2 + 23^1$	$= 10 + 43 + 142 + 182 + 231$	$608 := 1^3 + 5^0 + 12^2 + 21^1 + 21^2$	$= 13 + 50 + 122 + 211 + 212$
$608 := 1^0 + 5^3 + 13^2 + 17^2 + 24^1$	$= 10 + 53 + 132 + 172 + 241$	$608 := 1^3 + 5^0 + 15^2 + 19^2 + 20^1$	$= 13 + 50 + 152 + 192 + 201$
$608 := 1^0 + 6^3 + 13^2 + 14^2 + 26^1$	$= 10 + 63 + 132 + 142 + 261$	$608 := 1^3 + 5^1 + 5^2 + 24^2 + 25^0$	$= 13 + 51 + 52 + 242 + 250$
$608 := 1^1 + 1^3 + 11^2 + 22^2 + 25^0$	$= 11 + 13 + 112 + 222 + 250$	$608 := 1^3 + 8^2 + 13^1 + 15^0 + 23^2$	$= 13 + 82 + 131 + 150 + 232$
$608 := 1^1 + 11^2 + 12^2 + 18^1 + 18^2$	$= 11 + 112 + 122 + 181 + 182$	$608 := 1^4 + 10^0 + 11^2 + 16^0 + 22^2$	$= 14 + 100 + 112 + 160 + 222$
$608 := 1^1 + 13^2 + 14^2 + 15^2 + 17^1$	$= 11 + 132 + 142 + 152 + 171$	$608 := 1^4 + 11^0 + 11^2 + 15^0 + 22^2$	$= 14 + 110 + 112 + 150 + 222$
$608 := 1^1 + 2^2 + 16^2 + 18^2 + 23^1$	$= 11 + 22 + 162 + 182 + 231$	$608 := 1^4 + 11^2 + 12^0 + 14^0 + 22^2$	$= 14 + 112 + 120 + 140 + 222$
$608 := 1^1 + 2^4 + 14^1 + 19^0 + 24^2$	$= 11 + 24 + 141 + 190 + 242$	$608 := 1^4 + 11^2 + 13^0 + 13^0 + 22^2$	$= 14 + 112 + 130 + 130 + 222$
$608 := 1^1 + 4^2 + 13^2 + 20^2 + 22^1$	$= 11 + 42 + 132 + 202 + 221$	$608 := 1^4 + 2^0 + 11^2 + 22^2 + 24^0$	$= 14 + 20 + 112 + 222 + 240$
$608 := 1^1 + 4^2 + 6^2 + 23^2 + 26^1$	$= 11 + 42 + 62 + 232 + 261$	$608 := 1^4 + 3^0 + 11^2 + 22^2 + 23^0$	$= 14 + 30 + 112 + 222 + 230$
$608 := 1^1 + 4^4 + 11^0 + 18^2 + 26^1$	$= 11 + 44 + 110 + 182 + 261$	$608 := 1^4 + 3^1 + 5^0 + 24^2 + 27^1$	$= 14 + 31 + 50 + 242 + 271$
$608 := 1^1 + 5^3 + 15^2 + 16^2 + 23^0$	$= 11 + 53 + 152 + 162 + 230$	$608 := 1^4 + 4^0 + 11^2 + 22^0 + 22^2$	$= 14 + 40 + 112 + 220 + 222$
$608 := 1^1 + 5^3 + 9^2 + 20^2 + 25^0$	$= 11 + 53 + 92 + 202 + 250$	$608 := 1^4 + 4^1 + 5^0 + 24^2 + 26^1$	$= 14 + 41 + 50 + 242 + 261$
$608 := 1^1 + 6^2 + 8^2 + 22^2 + 23^1$	$= 11 + 62 + 82 + 222 + 231$	$608 := 1^4 + 5^0 + 10^1 + 20^1 + 24^2$	$= 14 + 50 + 101 + 201 + 242$
$608 := 1^1 + 8^2 + 9^2 + 21^1 + 21^2$	$= 11 + 82 + 92 + 211 + 212$	$608 := 1^4 + 5^0 + 11^1 + 19^1 + 24^2$	$= 14 + 50 + 111 + 191 + 242$
$608 := 1^2 + 1^2 + 11^2 + 22^2 + 25^0$	$= 12 + 12 + 112 + 222 + 250$	$608 := 1^4 + 5^0 + 11^2 + 21^0 + 22^2$	$= 14 + 50 + 112 + 210 + 222$
$608 := 1^2 + 11^2 + 14^2 + 17^0 + 17^2$	$= 12 + 112 + 142 + 170 + 172$	$608 := 1^4 + 5^0 + 12^1 + 18^1 + 24^2$	$= 14 + 50 + 121 + 181 + 242$
$608 := 1^2 + 2^1 + 7^2 + 23^2 + 27^1$	$= 12 + 21 + 72 + 232 + 271$	$608 := 1^4 + 5^0 + 13^1 + 17^1 + 24^2$	$= 14 + 50 + 131 + 171 + 242$
$608 := 1^2 + 2^3 + 11^0 + 22^1 + 24^2$	$= 12 + 23 + 110 + 221 + 242$	$608 := 1^4 + 5^0 + 14^1 + 16^1 + 24^2$	$= 14 + 50 + 141 + 161 + 242$
$608 := 1^2 + 3^1 + 7^2 + 23^2 + 26^1$	$= 12 + 31 + 72 + 232 + 261$	$608 := 1^4 + 5^0 + 15^1 + 15^1 + 24^2$	$= 14 + 50 + 151 + 151 + 242$
$608 := 1^2 + 4^1 + 7^2 + 23^2 + 25^1$	$= 12 + 41 + 72 + 232 + 251$	$608 := 1^4 + 5^0 + 5^1 + 24^2 + 25^1$	$= 14 + 50 + 51 + 242 + 251$
$608 := 1^2 + 4^3 + 13^1 + 19^0 + 23^2$	$= 12 + 43 + 131 + 190 + 232$	$608 := 1^4 + 5^0 + 6^1 + 24^1 + 24^2$	$= 14 + 50 + 61 + 241 + 242$

$$\begin{aligned}
 608 &:= 1^4 + 5^0 + 7^1 + 23^1 + 24^2 = 14 + 50 + 71 + 231 + 242 & 608 &:= 2^2 + 11^1 + 13^1 + 16^2 + 18^2 = 22 + 111 + 131 + 162 + 182 \\
 608 &:= 1^4 + 5^0 + 8^1 + 22^1 + 24^2 = 14 + 50 + 81 + 221 + 242 & 608 &:= 2^2 + 11^2 + 11^2 + 17^0 + 19^2 = 22 + 112 + 112 + 170 + 192 \\
 608 &:= 1^4 + 5^0 + 9^1 + 21^1 + 24^2 = 14 + 50 + 91 + 211 + 242 & 608 &:= 2^2 + 12^1 + 12^1 + 16^2 + 18^2 = 22 + 121 + 121 + 162 + 182 \\
 608 &:= 1^4 + 6^0 + 11^2 + 20^0 + 22^2 = 14 + 60 + 112 + 200 + 222 & 608 &:= 2^2 + 2^3 + 13^0 + 19^1 + 24^2 = 22 + 23 + 130 + 191 + 242 \\
 608 &:= 1^4 + 7^0 + 11^2 + 19^0 + 22^2 = 14 + 70 + 112 + 190 + 222 & 608 &:= 2^2 + 2^6 + 2^9 + 26^0 + 27^1 = 22 + 26 + 29 + 260 + 271 \\
 608 &:= 1^4 + 8^0 + 11^2 + 18^0 + 22^2 = 14 + 80 + 112 + 180 + 222 & 608 &:= 2^2 + 3^1 + 16^2 + 18^2 + 21^1 = 22 + 31 + 162 + 182 + 211 \\
 608 &:= 1^4 + 9^0 + 11^2 + 17^0 + 22^2 = 14 + 90 + 112 + 170 + 222 & 608 &:= 2^2 + 4^1 + 16^2 + 18^2 + 20^1 = 22 + 41 + 162 + 182 + 201 \\
 608 &:= 1^5 + 1^9 + 11^2 + 22^2 + 24^0 = 15 + 19 + 112 + 222 + 240 & 608 &:= 2^2 + 4^3 + 10^1 + 21^0 + 23^2 = 22 + 43 + 101 + 210 + 232 \\
 608 &:= 1^6 + 1^8 + 11^2 + 22^2 + 24^0 = 16 + 18 + 112 + 222 + 240 & 608 &:= 2^2 + 5^1 + 16^2 + 18^2 + 19^1 = 22 + 51 + 162 + 182 + 191 \\
 608 &:= 1^7 + 1^7 + 11^2 + 22^2 + 24^0 = 17 + 17 + 112 + 222 + 240 & 608 &:= 2^2 + 5^2 + 17^2 + 17^2 + 19^0 = 22 + 52 + 172 + 172 + 190 \\
 608 &:= 1^7 + 2^8 + 12^0 + 18^2 + 26^1 = 17 + 28 + 120 + 182 + 261 & 608 &:= 2^2 + 5^2 + 7^2 + 23^0 + 23^2 = 22 + 52 + 72 + 230 + 232 \\
 608 &:= 1^9 + 2^6 + 13^1 + 20^0 + 23^2 = 19 + 26 + 131 + 200 + 232 & 608 &:= 2^2 + 6^1 + 16^2 + 18^1 + 18^2 = 22 + 61 + 162 + 181 + 182 \\
 608 &:= 10^2 + 11^0 + 13^2 + 13^2 + 13^2 = 102 + 110 + 132 + 132 + 132 & 608 &:= 2^2 + 6^3 + 7^0 + 19^2 + 26^1 = 22 + 63 + 70 + 192 + 261 \\
 608 &:= 11^0 + 11^2 + 11^2 + 13^2 + 14^2 = 110 + 112 + 112 + 132 + 142 & 608 &:= 2^2 + 7^1 + 16^2 + 17^1 + 18^2 = 22 + 71 + 162 + 171 + 182 \\
 608 &:= 2^1 + 11^2 + 12^2 + 17^1 + 18^2 = 21 + 112 + 122 + 171 + 182 & 608 &:= 2^2 + 8^1 + 16^1 + 16^2 + 18^2 = 22 + 81 + 161 + 162 + 182 \\
 608 &:= 2^1 + 13^2 + 14^2 + 15^2 + 16^1 = 21 + 132 + 142 + 152 + 161 & 608 &:= 2^2 + 8^2 + 8^3 + 15^0 + 27^1 = 22 + 82 + 83 + 150 + 271 \\
 608 &:= 2^1 + 2^2 + 16^2 + 18^2 + 22^1 = 21 + 22 + 162 + 182 + 221 & 608 &:= 2^2 + 9^1 + 15^1 + 16^2 + 18^2 = 22 + 91 + 151 + 162 + 182 \\
 608 &:= 2^1 + 2^4 + 13^1 + 19^0 + 24^2 = 21 + 24 + 131 + 190 + 242 & 608 &:= 2^2 + 9^2 + 9^2 + 19^0 + 21^2 = 22 + 92 + 92 + 190 + 212 \\
 608 &:= 2^1 + 3^3 + 17^2 + 17^2 + 21^0 = 21 + 33 + 172 + 172 + 210 & 608 &:= 2^3 + 10^2 + 11^0 + 15^1 + 22^2 = 23 + 102 + 110 + 151 + 222 \\
 608 &:= 2^1 + 3^3 + 7^2 + 23^2 + 25^0 = 21 + 33 + 72 + 232 + 250 & 608 &:= 2^3 + 11^0 + 12^2 + 14^1 + 21^2 = 23 + 110 + 122 + 141 + 212 \\
 608 &:= 2^1 + 3^5 + 10^0 + 19^2 + 26^0 = 21 + 35 + 100 + 192 + 260 & 608 &:= 2^3 + 11^0 + 13^1 + 15^2 + 19^2 = 23 + 110 + 131 + 152 + 192 \\
 608 &:= 2^1 + 3^5 + 11^0 + 19^2 + 25^0 = 21 + 35 + 110 + 192 + 250 & 608 &:= 2^3 + 3^0 + 17^2 + 17^2 + 21^1 = 23 + 30 + 172 + 172 + 211 \\
 608 &:= 2^1 + 3^5 + 12^0 + 19^2 + 24^0 = 21 + 35 + 120 + 192 + 240 & 608 &:= 2^3 + 3^1 + 14^2 + 20^2 + 21^0 = 23 + 31 + 142 + 202 + 210 \\
 608 &:= 2^1 + 3^5 + 13^0 + 19^2 + 23^0 = 21 + 35 + 130 + 192 + 230 & 608 &:= 2^3 + 3^2 + 14^1 + 17^0 + 24^2 = 23 + 32 + 141 + 170 + 242 \\
 608 &:= 2^1 + 3^5 + 14^0 + 19^2 + 22^0 = 21 + 35 + 140 + 192 + 220 & 608 &:= 2^3 + 4^2 + 7^1 + 23^0 + 24^2 = 23 + 42 + 71 + 230 + 242 \\
 608 &:= 2^1 + 3^5 + 15^0 + 19^2 + 21^0 = 21 + 35 + 150 + 192 + 210 & 608 &:= 2^3 + 5^0 + 16^2 + 18^2 + 19^1 = 23 + 50 + 162 + 182 + 191 \\
 608 &:= 2^1 + 3^5 + 16^0 + 19^2 + 20^0 = 21 + 35 + 160 + 192 + 200 & 608 &:= 2^3 + 6^1 + 8^2 + 21^0 + 23^2 = 23 + 61 + 82 + 210 + 232 \\
 608 &:= 2^1 + 3^5 + 17^0 + 19^0 + 19^2 = 21 + 35 + 170 + 190 + 192 & 608 &:= 2^3 + 7^0 + 7^2 + 21^1 + 23^2 = 23 + 70 + 72 + 211 + 232 \\
 608 &:= 2^1 + 3^5 + 18^0 + 18^0 + 19^2 = 21 + 35 + 180 + 180 + 192 & 608 &:= 2^4 + 3^1 + 12^1 + 19^0 + 24^2 = 24 + 31 + 121 + 190 + 242 \\
 608 &:= 2^1 + 3^5 + 9^0 + 19^2 + 27^0 = 21 + 35 + 90 + 192 + 270 & 608 &:= 2^4 + 4^1 + 11^1 + 19^0 + 24^2 = 24 + 41 + 111 + 190 + 242 \\
 608 &:= 2^1 + 4^2 + 13^2 + 20^2 + 21^1 = 21 + 42 + 132 + 202 + 211 & 608 &:= 2^4 + 5^1 + 10^1 + 19^0 + 24^2 = 24 + 51 + 101 + 190 + 242 \\
 608 &:= 2^1 + 4^2 + 6^2 + 23^2 + 25^1 = 21 + 42 + 62 + 232 + 251 & 608 &:= 2^4 + 6^1 + 9^1 + 19^0 + 24^2 = 24 + 61 + 91 + 190 + 242 \\
 608 &:= 2^1 + 4^3 + 10^2 + 21^2 + 23^0 = 21 + 43 + 102 + 212 + 230 & 608 &:= 2^4 + 7^1 + 8^1 + 19^0 + 24^2 = 24 + 71 + 81 + 190 + 242 \\
 608 &:= 2^1 + 4^4 + 11^0 + 18^2 + 25^1 = 21 + 44 + 110 + 182 + 251 & 608 &:= 2^7 + 2^8 + 14^0 + 14^2 + 27^1 = 27 + 28 + 140 + 142 + 271 \\
 608 &:= 2^1 + 6^2 + 8^2 + 22^1 + 22^2 = 21 + 62 + 82 + 221 + 222 & 608 &:= 2^8 + 3^4 + 3^5 + 24^0 + 27^1 = 28 + 34 + 35 + 240 + 271 \\
 608 &:= 2^1 + 6^3 + 10^2 + 17^2 + 25^0 = 21 + 63 + 102 + 172 + 250 & 608 &:= 3^0 + 3^3 + 5^2 + 23^2 + 26^1 = 30 + 33 + 52 + 232 + 261 \\
 608 &:= 2^1 + 8^2 + 9^2 + 20^1 + 21^2 = 21 + 82 + 92 + 201 + 212 & 608 &:= 3^0 + 4^3 + 11^2 + 20^2 + 22^1 = 30 + 43 + 112 + 202 + 221 \\
 608 &:= 2^2 + 10^1 + 14^1 + 16^2 + 18^2 = 22 + 101 + 141 + 162 + 182 & 608 &:= 3^1 + 11^2 + 12^2 + 16^1 + 18^2 = 31 + 112 + 122 + 161 + 182
 \end{aligned}$$

$$\begin{aligned} 608 &:= 3^1 + 13^2 + 14^2 + 15^1 + 15^2 = 31 + 132 + 142 + 151 + 152 & 608 &:= 4^2 + 5^1 + 13^2 + 18^1 + 20^2 = 42 + 51 + 132 + 181 + 202 \\ 608 &:= 3^1 + 4^2 + 13^2 + 20^1 + 20^2 = 31 + 42 + 132 + 201 + 202 & 608 &:= 4^2 + 5^1 + 6^2 + 22^1 + 23^2 = 42 + 51 + 62 + 221 + 232 \\ 608 &:= 3^1 + 4^2 + 6^2 + 23^2 + 24^1 = 31 + 42 + 62 + 232 + 241 & 608 &:= 4^2 + 6^1 + 13^2 + 17^1 + 20^2 = 42 + 61 + 132 + 171 + 202 \\ 608 &:= 3^1 + 4^4 + 11^0 + 18^2 + 24^1 = 31 + 44 + 110 + 182 + 241 & 608 &:= 4^2 + 6^1 + 6^2 + 21^1 + 23^2 = 42 + 61 + 62 + 211 + 232 \\ 608 &:= 3^1 + 6^2 + 8^2 + 21^1 + 22^2 = 31 + 62 + 82 + 211 + 222 & 608 &:= 4^2 + 6^2 + 10^1 + 17^1 + 23^2 = 42 + 62 + 101 + 171 + 232 \\ 608 &:= 3^1 + 6^3 + 8^2 + 18^2 + 25^0 = 31 + 63 + 82 + 182 + 250 & 608 &:= 4^2 + 6^2 + 11^1 + 16^1 + 23^2 = 42 + 62 + 111 + 161 + 232 \\ 608 &:= 3^1 + 8^2 + 9^2 + 19^1 + 21^2 = 31 + 82 + 92 + 191 + 212 & 608 &:= 4^2 + 6^2 + 12^1 + 15^1 + 23^2 = 42 + 62 + 121 + 151 + 232 \\ 608 &:= 3^2 + 4^3 + 5^1 + 23^2 + 25^0 = 32 + 43 + 51 + 232 + 250 & 608 &:= 4^2 + 6^2 + 13^1 + 14^1 + 23^2 = 42 + 62 + 131 + 141 + 232 \\ 608 &:= 3^2 + 6^2 + 11^2 + 19^0 + 21^2 = 32 + 62 + 112 + 190 + 212 & 608 &:= 4^2 + 6^2 + 7^1 + 20^1 + 23^2 = 42 + 62 + 71 + 201 + 232 \\ 608 &:= 3^2 + 6^3 + 11^0 + 19^2 + 21^1 = 32 + 63 + 110 + 192 + 211 & 608 &:= 4^2 + 6^2 + 8^1 + 19^1 + 23^2 = 42 + 62 + 81 + 191 + 232 \\ 608 &:= 3^2 + 7^2 + 15^2 + 17^0 + 18^2 = 32 + 72 + 152 + 170 + 182 & 608 &:= 4^2 + 6^2 + 9^1 + 18^1 + 23^2 = 42 + 62 + 91 + 181 + 232 \\ 608 &:= 3^2 + 8^2 + 8^3 + 19^0 + 22^1 = 32 + 82 + 83 + 190 + 221 & 608 &:= 4^2 + 6^3 + 14^1 + 17^0 + 19^2 = 42 + 63 + 141 + 170 + 192 \\ 608 &:= 3^3 + 11^1 + 13^0 + 13^2 + 20^2 = 33 + 111 + 130 + 132 + 202 & 608 &:= 4^2 + 7^1 + 13^2 + 16^1 + 20^2 = 42 + 71 + 132 + 161 + 202 \\ 608 &:= 3^3 + 6^2 + 13^0 + 15^1 + 23^2 = 33 + 62 + 130 + 151 + 232 & 608 &:= 4^2 + 7^3 + 11^0 + 15^2 + 23^1 = 42 + 73 + 110 + 152 + 231 \\ 608 &:= 3^3 + 7^0 + 11^2 + 18^1 + 21^2 = 33 + 70 + 112 + 181 + 212 & 608 &:= 4^2 + 8^1 + 13^2 + 15^1 + 20^2 = 42 + 81 + 132 + 151 + 202 \\ 608 &:= 3^3 + 9^2 + 11^0 + 15^1 + 22^2 = 33 + 92 + 110 + 151 + 222 & 608 &:= 4^2 + 8^2 + 8^3 + 15^1 + 25^0 = 42 + 82 + 83 + 151 + 250 \\ 608 &:= 3^4 + 8^3 + 10^0 + 13^1 + 26^0 = 34 + 83 + 100 + 131 + 260 & 608 &:= 4^2 + 9^1 + 13^2 + 14^1 + 20^2 = 42 + 91 + 132 + 141 + 202 \\ 608 &:= 3^4 + 8^3 + 11^0 + 13^1 + 25^0 = 34 + 83 + 110 + 131 + 250 & 608 &:= 4^3 + 11^0 + 13^1 + 13^2 + 19^2 = 43 + 110 + 131 + 132 + 192 \\ 608 &:= 3^4 + 8^3 + 12^0 + 13^1 + 24^0 = 34 + 83 + 120 + 131 + 240 & 608 &:= 4^3 + 5^0 + 6^2 + 22^2 + 23^1 = 43 + 50 + 62 + 222 + 231 \\ 608 &:= 3^4 + 8^3 + 13^0 + 13^1 + 23^0 = 34 + 83 + 130 + 131 + 230 & 608 &:= 4^3 + 5^0 + 9^2 + 21^1 + 21^2 = 43 + 50 + 92 + 211 + 212 \\ 608 &:= 3^4 + 8^3 + 13^1 + 14^0 + 22^0 = 34 + 83 + 131 + 140 + 220 & 608 &:= 4^3 + 5^1 + 8^3 + 17^0 + 26^1 = 43 + 51 + 83 + 170 + 261 \\ 608 &:= 3^4 + 8^3 + 13^1 + 15^0 + 21^0 = 34 + 83 + 131 + 150 + 210 & 608 &:= 4^3 + 6^1 + 8^3 + 17^0 + 25^1 = 43 + 61 + 83 + 170 + 251 \\ 608 &:= 3^4 + 8^3 + 13^1 + 16^0 + 20^0 = 34 + 83 + 131 + 160 + 200 & 608 &:= 4^3 + 7^1 + 8^3 + 17^0 + 24^1 = 43 + 71 + 83 + 170 + 241 \\ 608 &:= 3^4 + 8^3 + 13^1 + 17^0 + 19^0 = 34 + 83 + 131 + 170 + 190 & 608 &:= 4^3 + 7^2 + 10^1 + 17^0 + 22^2 = 43 + 72 + 101 + 170 + 222 \\ 608 &:= 3^4 + 8^3 + 13^1 + 18^0 + 18^0 = 34 + 83 + 131 + 180 + 180 & 608 &:= 4^3 + 8^1 + 8^3 + 17^0 + 23^1 = 43 + 81 + 83 + 170 + 231 \\ 608 &:= 3^4 + 8^3 + 9^0 + 13^1 + 27^0 = 34 + 83 + 90 + 131 + 270 & 608 &:= 4^3 + 8^3 + 10^1 + 17^0 + 21^1 = 43 + 83 + 101 + 170 + 211 \\ 608 &:= 4^1 + 11^2 + 12^2 + 15^1 + 18^2 = 41 + 112 + 122 + 151 + 182 & 608 &:= 4^3 + 8^3 + 11^1 + 17^0 + 20^1 = 43 + 83 + 111 + 170 + 201 \\ 608 &:= 4^1 + 13^2 + 14^1 + 14^2 + 15^2 = 41 + 132 + 141 + 142 + 152 & 608 &:= 4^3 + 8^3 + 12^1 + 17^0 + 19^1 = 43 + 83 + 121 + 170 + 191 \\ 608 &:= 4^1 + 4^2 + 13^2 + 19^1 + 20^2 = 41 + 42 + 132 + 191 + 202 & 608 &:= 4^3 + 8^3 + 13^1 + 17^0 + 18^1 = 43 + 83 + 131 + 170 + 181 \\ 608 &:= 4^1 + 4^2 + 6^2 + 23^1 + 23^2 = 41 + 42 + 62 + 231 + 232 & 608 &:= 4^3 + 8^3 + 14^1 + 17^0 + 17^1 = 43 + 83 + 141 + 170 + 171 \\ 608 &:= 4^1 + 4^3 + 8^3 + 17^0 + 27^1 = 41 + 43 + 83 + 170 + 271 & 608 &:= 4^3 + 8^3 + 15^1 + 16^1 + 17^0 = 43 + 83 + 151 + 161 + 170 \\ 608 &:= 4^1 + 4^4 + 11^0 + 18^2 + 23^1 = 41 + 44 + 110 + 182 + 231 & 608 &:= 4^3 + 8^3 + 9^1 + 17^0 + 22^1 = 43 + 83 + 91 + 170 + 221 \\ 608 &:= 4^1 + 6^2 + 8^2 + 20^1 + 22^2 = 41 + 62 + 82 + 201 + 222 & 608 &:= 4^4 + 10^1 + 11^0 + 17^1 + 18^2 = 44 + 101 + 110 + 171 + 182 \\ 608 &:= 4^1 + 7^3 + 8^2 + 14^2 + 27^0 = 41 + 73 + 82 + 142 + 270 & 608 &:= 4^4 + 11^0 + 11^1 + 16^1 + 18^2 = 44 + 110 + 111 + 161 + 182 \\ 608 &:= 4^1 + 8^2 + 9^2 + 18^1 + 21^2 = 41 + 82 + 92 + 181 + 212 & 608 &:= 4^4 + 11^0 + 12^1 + 15^1 + 18^2 = 44 + 110 + 121 + 151 + 182 \\ 608 &:= 4^2 + 10^1 + 13^1 + 13^2 + 20^2 = 42 + 101 + 131 + 132 + 202 & 608 &:= 4^4 + 11^0 + 13^1 + 14^1 + 18^2 = 44 + 110 + 131 + 141 + 182 \\ 608 &:= 4^2 + 11^1 + 12^1 + 13^2 + 20^2 = 42 + 111 + 121 + 132 + 202 & 608 &:= 4^4 + 5^1 + 11^0 + 18^2 + 22^1 = 44 + 51 + 110 + 182 + 221 \\ 608 &:= 4^2 + 5^0 + 5^3 + 21^2 + 25^1 = 42 + 50 + 53 + 212 + 251 & 608 &:= 4^4 + 6^1 + 11^0 + 18^2 + 21^1 = 44 + 61 + 110 + 182 + 211 \end{aligned}$$

$608 := 4^4 + 7^1 + 11^0 + 18^2 + 20^1$	$= 44 + 71 + 110 + 182 + 201$	$608 := 6^2 + 11^2 + 13^0 + 15^2 + 15^2$	$= 62 + 112 + 130 + 152 + 152$
$608 := 4^4 + 7^1 + 7^3 + 15^0 + 27^0$	$= 44 + 71 + 73 + 150 + 270$	$608 := 6^2 + 6^2 + 8^3 + 17^0 + 23^1$	$= 62 + 62 + 83 + 170 + 231$
$608 := 4^4 + 7^1 + 7^3 + 16^0 + 26^0$	$= 44 + 71 + 73 + 160 + 260$	$608 := 6^2 + 7^1 + 8^2 + 17^1 + 22^2$	$= 62 + 71 + 82 + 171 + 222$
$608 := 4^4 + 7^1 + 7^3 + 17^0 + 25^0$	$= 44 + 71 + 73 + 170 + 250$	$608 := 6^2 + 7^2 + 9^2 + 17^0 + 21^2$	$= 62 + 72 + 92 + 170 + 212$
$608 := 4^4 + 7^1 + 7^3 + 18^0 + 24^0$	$= 44 + 71 + 73 + 180 + 240$	$608 := 6^2 + 8^1 + 8^2 + 16^1 + 22^2$	$= 62 + 81 + 82 + 161 + 222$
$608 := 4^4 + 7^1 + 7^3 + 19^0 + 23^0$	$= 44 + 71 + 73 + 190 + 230$	$608 := 6^2 + 8^2 + 10^1 + 14^1 + 22^2$	$= 62 + 82 + 101 + 141 + 222$
$608 := 4^4 + 7^1 + 7^3 + 20^0 + 22^0$	$= 44 + 71 + 73 + 200 + 220$	$608 := 6^2 + 8^2 + 11^1 + 13^1 + 22^2$	$= 62 + 82 + 111 + 131 + 222$
$608 := 4^4 + 7^1 + 7^3 + 21^0 + 21^0$	$= 44 + 71 + 73 + 210 + 210$	$608 := 6^2 + 8^2 + 12^1 + 12^1 + 22^2$	$= 62 + 82 + 121 + 121 + 222$
$608 := 4^4 + 8^1 + 11^0 + 18^2 + 19^1$	$= 44 + 81 + 110 + 182 + 191$	$608 := 6^2 + 8^2 + 9^1 + 15^1 + 22^2$	$= 62 + 82 + 91 + 151 + 222$
$608 := 4^4 + 9^1 + 11^0 + 18^1 + 18^2$	$= 44 + 91 + 110 + 181 + 182$	$608 := 6^3 + 11^2 + 13^0 + 14^1 + 16^2$	$= 63 + 112 + 130 + 141 + 162$
$608 := 5^0 + 5^3 + 10^2 + 19^2 + 21^1$	$= 50 + 53 + 102 + 192 + 211$	$608 := 6^3 + 7^0 + 9^2 + 17^2 + 21^1$	$= 63 + 70 + 92 + 172 + 211$
$608 := 5^0 + 6^3 + 12^2 + 15^2 + 22^1$	$= 50 + 63 + 122 + 152 + 221$	$608 := 6^3 + 7^2 + 11^0 + 18^1 + 18^2$	$= 63 + 72 + 110 + 181 + 182$
$608 := 5^1 + 11^2 + 12^2 + 14^1 + 18^2$	$= 51 + 112 + 122 + 141 + 182$	$608 := 7^1 + 11^1 + 13^2 + 14^2 + 15^2$	$= 71 + 111 + 132 + 142 + 152$
$608 := 5^1 + 13^1 + 13^2 + 14^2 + 15^2$	$= 51 + 131 + 132 + 142 + 152$	$608 := 7^1 + 11^2 + 12^1 + 12^2 + 18^2$	$= 71 + 112 + 121 + 122 + 182$
$608 := 5^1 + 5^2 + 6^3 + 19^2 + 25^0$	$= 51 + 52 + 63 + 192 + 250$	$608 := 7^1 + 8^2 + 9^2 + 15^1 + 21^2$	$= 71 + 82 + 92 + 151 + 212$
$608 := 5^1 + 5^3 + 6^2 + 21^2 + 23^0$	$= 51 + 53 + 62 + 212 + 230$	$608 := 7^2 + 10^2 + 13^0 + 13^2 + 17^2$	$= 72 + 102 + 130 + 132 + 172$
$608 := 5^1 + 6^2 + 8^2 + 19^1 + 22^2$	$= 51 + 62 + 82 + 191 + 222$	$608 := 7^2 + 7^3 + 13^0 + 14^2 + 19^1$	$= 72 + 73 + 130 + 142 + 191$
$608 := 5^1 + 8^2 + 9^2 + 17^1 + 21^2$	$= 51 + 82 + 92 + 171 + 212$	$608 := 7^3 + 10^2 + 11^0 + 12^2 + 20^1$	$= 73 + 102 + 110 + 122 + 201$
$608 := 5^2 + 10^2 + 11^2 + 15^0 + 19^2$	$= 52 + 102 + 112 + 150 + 192$	$608 := 7^3 + 9^0 + 11^2 + 11^2 + 22^1$	$= 73 + 90 + 112 + 112 + 221$
$608 := 5^2 + 5^2 + 14^2 + 17^0 + 19^2$	$= 52 + 52 + 142 + 170 + 192$	$608 := 7^3 + 9^2 + 13^2 + 14^1 + 17^0$	$= 73 + 92 + 132 + 141 + 170$
$608 := 5^2 + 5^3 + 13^0 + 16^1 + 21^2$	$= 52 + 53 + 130 + 161 + 212$	$608 := 8^1 + 10^1 + 13^2 + 14^2 + 15^2$	$= 81 + 101 + 132 + 142 + 152$
$608 := 5^2 + 7^2 + 7^2 + 19^0 + 22^2$	$= 52 + 72 + 72 + 190 + 222$	$608 := 8^1 + 11^1 + 11^2 + 12^2 + 18^2$	$= 81 + 111 + 112 + 122 + 182$
$608 := 5^2 + 7^2 + 8^3 + 19^0 + 21^1$	$= 52 + 72 + 83 + 190 + 211$	$608 := 8^1 + 8^2 + 9^2 + 14^1 + 21^2$	$= 81 + 82 + 92 + 141 + 212$
$608 := 5^2 + 7^3 + 14^1 + 15^2 + 19^0$	$= 52 + 73 + 141 + 152 + 190$	$608 := 8^2 + 9^1 + 9^2 + 13^1 + 21^2$	$= 82 + 91 + 92 + 131 + 212$
$608 := 5^3 + 11^0 + 12^2 + 14^1 + 18^2$	$= 53 + 110 + 122 + 141 + 182$	$608 := 8^2 + 9^2 + 10^1 + 12^1 + 21^2$	$= 82 + 92 + 101 + 121 + 212$
$608 := 5^3 + 8^2 + 9^0 + 18^1 + 20^2$	$= 53 + 82 + 90 + 181 + 202$	$608 := 8^2 + 9^2 + 11^1 + 11^1 + 21^2$	$= 82 + 92 + 111 + 111 + 212$
$608 := 6^1 + 11^2 + 12^2 + 13^1 + 18^2$	$= 61 + 112 + 122 + 131 + 182$	$608 := 9^1 + 10^1 + 11^2 + 12^2 + 18^2$	$= 91 + 101 + 112 + 122 + 182$
$608 := 6^1 + 12^1 + 13^2 + 14^2 + 15^2$	$= 61 + 121 + 132 + 142 + 152$	$608 := 9^1 + 9^1 + 13^2 + 14^2 + 15^2$	$= 91 + 91 + 132 + 142 + 152$
$608 := 6^1 + 6^2 + 8^2 + 18^1 + 22^2$	$= 61 + 62 + 82 + 181 + 222$	$608 := 9^2 + 9^2 + 11^2 + 13^0 + 18^2$	$= 92 + 92 + 112 + 130 + 182$
$608 := 6^1 + 8^2 + 9^2 + 16^1 + 21^2$	$= 61 + 82 + 92 + 161 + 212$		

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$609 := 1^6 + 4^0 + 24^2 + 31^1$	$= 16 + 40 + 242 + 311$	$609 := 3^5 + 13^2 + 14^2 + 30^0$	$= 35 + 132 + 142 + 300$
$609 := 2^2 + 3^5 + 19^2 + 36^0$	$= 22 + 35 + 192 + 360$	$609 := 3^5 + 7^3 + 22^1 + 28^0$	$= 35 + 73 + 221 + 280$
$609 := 2^6 + 15^1 + 20^0 + 23^2$	$= 26 + 151 + 200 + 232$	$609 := 1^0 + 2^6 + 14^1 + 20^0 + 23^2$	$= 10 + 26 + 141 + 200 + 232$
$609 := 2^8 + 2^8 + 7^2 + 48^1$	$= 28 + 28 + 72 + 481$	$609 := 1^2 + 2^4 + 15^1 + 18^0 + 24^2$	$= 12 + 24 + 151 + 180 + 242$
$609 := 3^2 + 4^4 + 7^3 + 46^0$	$= 32 + 44 + 73 + 460$	$609 := 1^2 + 3^3 + 16^2 + 18^2 + 22^0$	$= 12 + 33 + 162 + 182 + 220$

$$\begin{aligned} 609 &:= 1^2 + 4^4 + 10^0 + 18^2 + 27^1 = 12 + 44 + 100 + 182 + 271 & 609 &:= 2^3 + 4^2 + 10^2 + 22^0 + 22^2 = 23 + 42 + 102 + 220 + 222 \\ 609 &:= 1^2 + 5^3 + 11^2 + 19^2 + 24^0 = 12 + 53 + 112 + 192 + 240 & 609 &:= 2^3 + 4^3 + 7^1 + 23^2 + 24^0 = 23 + 43 + 71 + 232 + 240 \\ 609 &:= 1^3 + 2^3 + 10^0 + 23^1 + 24^2 = 13 + 23 + 100 + 231 + 242 & 609 &:= 2^3 + 6^3 + 10^0 + 19^2 + 23^1 = 23 + 63 + 100 + 192 + 231 \\ 609 &:= 1^3 + 4^3 + 14^1 + 18^0 + 23^2 = 13 + 43 + 141 + 180 + 232 & 609 &:= 2^3 + 8^2 + 8^3 + 18^0 + 24^1 = 23 + 82 + 83 + 180 + 241 \\ 609 &:= 1^4 + 11^1 + 14^0 + 14^2 + 20^2 = 14 + 111 + 140 + 142 + 202 & 609 &:= 2^4 + 10^0 + 14^1 + 17^2 + 17^2 = 24 + 100 + 141 + 172 + 172 \\ 609 &:= 1^4 + 2^1 + 11^2 + 22^2 + 24^0 = 14 + 21 + 112 + 222 + 240 & 609 &:= 2^4 + 12^0 + 12^1 + 16^2 + 18^2 = 24 + 120 + 121 + 162 + 182 \\ 609 &:= 1^4 + 2^2 + 6^0 + 24^2 + 27^1 = 14 + 22 + 60 + 242 + 271 & 609 &:= 2^4 + 3^2 + 7^1 + 24^0 + 24^2 = 24 + 32 + 71 + 240 + 242 \\ 609 &:= 1^4 + 3^2 + 10^0 + 22^1 + 24^2 = 14 + 32 + 100 + 221 + 242 & 609 &:= 2^4 + 6^1 + 15^2 + 18^0 + 19^2 = 24 + 61 + 152 + 180 + 192 \\ 609 &:= 1^4 + 4^0 + 10^2 + 22^2 + 23^1 = 14 + 40 + 102 + 222 + 231 & 609 &:= 2^4 + 7^1 + 12^2 + 18^0 + 21^2 = 24 + 71 + 122 + 180 + 212 \\ 609 &:= 1^4 + 4^0 + 12^2 + 21^2 + 22^1 = 14 + 40 + 122 + 212 + 221 & 609 &:= 2^4 + 7^2 + 14^0 + 14^1 + 23^2 = 24 + 72 + 140 + 141 + 232 \\ 609 &:= 1^4 + 4^0 + 15^2 + 19^2 + 21^1 = 14 + 40 + 152 + 192 + 211 & 609 &:= 2^4 + 8^1 + 10^2 + 18^0 + 22^2 = 24 + 81 + 102 + 180 + 222 \\ 609 &:= 1^4 + 4^2 + 15^1 + 16^0 + 24^2 = 14 + 42 + 151 + 160 + 242 & 609 &:= 2^6 + 10^0 + 11^0 + 14^1 + 23^2 = 26 + 100 + 110 + 141 + 232 \\ 609 &:= 1^4 + 5^2 + 6^1 + 24^0 + 24^2 = 14 + 52 + 61 + 240 + 242 & 609 &:= 2^6 + 3^0 + 14^1 + 18^0 + 23^2 = 26 + 30 + 141 + 180 + 232 \\ 609 &:= 1^4 + 8^2 + 14^0 + 14^1 + 23^2 = 14 + 82 + 140 + 141 + 232 & 609 &:= 2^6 + 4^0 + 14^1 + 17^0 + 23^2 = 26 + 40 + 141 + 170 + 232 \\ 609 &:= 1^5 + 4^0 + 10^1 + 21^1 + 24^2 = 15 + 40 + 101 + 211 + 242 & 609 &:= 2^6 + 5^0 + 14^1 + 16^0 + 23^2 = 26 + 50 + 141 + 160 + 232 \\ 609 &:= 1^5 + 4^0 + 11^1 + 20^1 + 24^2 = 15 + 40 + 111 + 201 + 242 & 609 &:= 2^6 + 6^0 + 14^1 + 15^0 + 23^2 = 26 + 60 + 141 + 150 + 232 \\ 609 &:= 1^5 + 4^0 + 12^1 + 19^1 + 24^2 = 15 + 40 + 121 + 191 + 242 & 609 &:= 2^6 + 7^0 + 14^0 + 14^1 + 23^2 = 26 + 70 + 140 + 141 + 232 \\ 609 &:= 1^5 + 4^0 + 13^1 + 18^1 + 24^2 = 15 + 40 + 131 + 181 + 242 & 609 &:= 2^6 + 8^0 + 13^0 + 14^1 + 23^2 = 26 + 80 + 130 + 141 + 232 \\ 609 &:= 1^5 + 4^0 + 14^1 + 17^1 + 24^2 = 15 + 40 + 141 + 171 + 242 & 609 &:= 2^6 + 9^0 + 12^0 + 14^1 + 23^2 = 26 + 90 + 120 + 141 + 232 \\ 609 &:= 1^5 + 4^0 + 15^1 + 16^1 + 24^2 = 15 + 40 + 151 + 161 + 242 & 609 &:= 3^0 + 3^5 + 7^3 + 21^1 + 26^0 = 30 + 35 + 73 + 211 + 260 \\ 609 &:= 1^5 + 4^0 + 4^1 + 24^2 + 27^1 = 15 + 40 + 41 + 242 + 271 & 609 &:= 3^2 + 4^3 + 8^3 + 22^0 + 23^1 = 32 + 43 + 83 + 220 + 231 \\ 609 &:= 1^5 + 4^0 + 5^1 + 24^2 + 26^1 = 15 + 40 + 51 + 242 + 261 & 609 &:= 3^2 + 4^4 + 16^0 + 18^2 + 19^1 = 32 + 44 + 160 + 182 + 191 \\ 609 &:= 1^5 + 4^0 + 6^1 + 24^2 + 25^1 = 15 + 40 + 61 + 242 + 251 & 609 &:= 3^3 + 10^2 + 15^2 + 16^0 + 16^2 = 33 + 102 + 152 + 160 + 162 \\ 609 &:= 1^5 + 4^0 + 7^1 + 24^1 + 24^2 = 15 + 40 + 71 + 241 + 242 & 609 &:= 3^3 + 3^3 + 6^0 + 23^2 + 25^1 = 33 + 33 + 60 + 232 + 251 \\ 609 &:= 1^5 + 4^0 + 8^1 + 23^1 + 24^2 = 15 + 40 + 81 + 231 + 242 & 609 &:= 3^3 + 4^2 + 6^2 + 23^2 + 24^0 = 33 + 42 + 62 + 232 + 240 \\ 609 &:= 1^5 + 4^0 + 9^1 + 22^1 + 24^2 = 15 + 40 + 91 + 221 + 242 & 609 &:= 3^3 + 4^2 + 9^2 + 22^0 + 22^2 = 33 + 42 + 92 + 220 + 222 \\ 609 &:= 1^8 + 2^6 + 14^2 + 18^2 + 24^1 = 18 + 26 + 142 + 182 + 241 & 609 &:= 3^3 + 4^4 + 10^0 + 18^2 + 25^0 = 33 + 44 + 100 + 182 + 250 \\ 609 &:= 1^8 + 2^8 + 11^0 + 18^2 + 27^1 = 18 + 28 + 110 + 182 + 271 & 609 &:= 3^3 + 4^4 + 11^0 + 18^2 + 24^0 = 33 + 44 + 110 + 182 + 240 \\ 609 &:= 2^0 + 2^4 + 13^2 + 20^2 + 23^1 = 20 + 24 + 132 + 202 + 231 & 609 &:= 3^3 + 4^4 + 12^0 + 18^2 + 23^0 = 33 + 44 + 120 + 182 + 230 \\ 609 &:= 2^0 + 2^4 + 6^2 + 23^2 + 27^1 = 20 + 24 + 62 + 232 + 271 & 609 &:= 3^3 + 4^4 + 13^0 + 18^2 + 22^0 = 33 + 44 + 130 + 182 + 220 \\ 609 &:= 2^0 + 2^6 + 14^1 + 19^0 + 23^2 = 20 + 26 + 141 + 190 + 232 & 609 &:= 3^3 + 4^4 + 14^0 + 18^2 + 21^0 = 33 + 44 + 140 + 182 + 210 \\ 609 &:= 2^0 + 3^5 + 7^3 + 21^1 + 27^0 = 20 + 35 + 73 + 211 + 270 & 609 &:= 3^3 + 4^4 + 15^0 + 18^2 + 20^0 = 33 + 44 + 150 + 182 + 200 \\ 609 &:= 2^2 + 2^3 + 14^2 + 20^2 + 22^0 = 22 + 23 + 142 + 202 + 220 & 609 &:= 3^3 + 4^4 + 16^0 + 18^2 + 19^0 = 33 + 44 + 160 + 182 + 190 \\ 609 &:= 2^2 + 2^4 + 12^1 + 20^0 + 24^2 = 22 + 24 + 121 + 200 + 242 & 609 &:= 3^3 + 4^4 + 17^0 + 18^0 + 18^2 = 33 + 44 + 170 + 180 + 182 \\ 609 &:= 2^2 + 4^4 + 12^0 + 18^2 + 24^1 = 22 + 44 + 120 + 182 + 241 & 609 &:= 3^3 + 4^4 + 8^0 + 18^2 + 27^0 = 33 + 44 + 80 + 182 + 270 \\ 609 &:= 2^2 + 6^3 + 8^2 + 18^2 + 26^0 = 22 + 63 + 82 + 182 + 260 & 609 &:= 3^3 + 4^4 + 9^0 + 18^2 + 26^0 = 33 + 44 + 90 + 182 + 260 \\ 609 &:= 2^3 + 10^2 + 10^2 + 18^0 + 20^2 = 23 + 102 + 102 + 180 + 202 & 609 &:= 3^3 + 5^3 + 15^1 + 16^0 + 21^2 = 33 + 53 + 151 + 160 + 212 \\ 609 &:= 2^3 + 2^3 + 16^0 + 16^1 + 24^2 = 23 + 23 + 160 + 161 + 242 & 609 &:= 3^3 + 6^2 + 16^2 + 17^2 + 18^0 = 33 + 62 + 162 + 172 + 180 \end{aligned}$$

$$\begin{aligned}
 609 &:= 3^3 + 7^2 + 8^3 + 20^1 + 22^0 = 33 + 72 + 83 + 201 + 220 \\
 609 &:= 3^3 + 7^3 + 13^1 + 15^2 + 22^0 = 33 + 73 + 131 + 152 + 220 \\
 609 &:= 3^3 + 9^2 + 10^2 + 18^0 + 20^2 = 33 + 92 + 102 + 180 + 202 \\
 609 &:= 3^4 + 10^0 + 15^1 + 16^2 + 16^2 = 34 + 100 + 151 + 162 + 162 \\
 609 &:= 3^4 + 12^0 + 13^1 + 15^2 + 17^2 = 34 + 120 + 131 + 152 + 172 \\
 609 &:= 3^4 + 4^0 + 12^2 + 19^2 + 22^1 = 34 + 40 + 122 + 192 + 221 \\
 609 &:= 3^4 + 4^0 + 4^2 + 22^2 + 27^1 = 34 + 40 + 42 + 222 + 271 \\
 609 &:= 3^4 + 5^1 + 9^2 + 21^2 + 22^0 = 34 + 51 + 92 + 212 + 220 \\
 609 &:= 3^4 + 5^2 + 12^0 + 18^1 + 22^2 = 34 + 52 + 120 + 181 + 222 \\
 609 &:= 3^4 + 6^0 + 8^2 + 21^2 + 22^1 = 34 + 60 + 82 + 212 + 221 \\
 609 &:= 3^4 + 6^1 + 11^2 + 20^0 + 20^2 = 34 + 61 + 112 + 200 + 202 \\
 609 &:= 3^4 + 6^2 + 7^1 + 22^0 + 22^2 = 34 + 62 + 71 + 220 + 222 \\
 609 &:= 3^4 + 7^1 + 14^2 + 18^0 + 18^2 = 34 + 71 + 142 + 180 + 182 \\
 609 &:= 3^5 + 4^0 + 7^3 + 21^1 + 25^0 = 35 + 40 + 73 + 211 + 250 \\
 609 &:= 3^5 + 5^0 + 7^3 + 21^1 + 24^0 = 35 + 50 + 73 + 211 + 240 \\
 609 &:= 3^5 + 6^0 + 7^3 + 21^1 + 23^0 = 35 + 60 + 73 + 211 + 230 \\
 609 &:= 3^5 + 7^0 + 7^3 + 21^1 + 22^0 = 35 + 70 + 73 + 211 + 220 \\
 609 &:= 3^5 + 7^3 + 10^0 + 19^0 + 21^1 = 35 + 73 + 100 + 190 + 211 \\
 609 &:= 3^5 + 7^3 + 11^0 + 18^0 + 21^1 = 35 + 73 + 110 + 180 + 211 \\
 609 &:= 3^5 + 7^3 + 12^0 + 17^0 + 21^1 = 35 + 73 + 120 + 170 + 211
 \end{aligned}$$

$$\begin{aligned}
 609 &:= 3^5 + 7^3 + 13^0 + 16^0 + 21^1 = 35 + 73 + 130 + 160 + 211 \\
 609 &:= 3^5 + 7^3 + 14^0 + 15^0 + 21^1 = 35 + 73 + 140 + 150 + 211 \\
 609 &:= 3^5 + 7^3 + 8^0 + 21^0 + 21^1 = 35 + 73 + 80 + 210 + 211 \\
 609 &:= 3^5 + 7^3 + 9^0 + 20^0 + 21^1 = 35 + 73 + 90 + 200 + 211 \\
 609 &:= 4^0 + 4^4 + 10^2 + 15^2 + 27^1 = 40 + 44 + 102 + 152 + 271 \\
 609 &:= 4^2 + 4^4 + 12^1 + 18^2 + 22^0 = 42 + 44 + 121 + 182 + 220 \\
 609 &:= 4^3 + 12^2 + 12^2 + 16^0 + 16^2 = 43 + 122 + 122 + 160 + 162 \\
 609 &:= 4^3 + 5^3 + 12^0 + 19^1 + 20^2 = 43 + 53 + 120 + 191 + 202 \\
 609 &:= 4^4 + 12^1 + 12^2 + 14^2 + 18^0 = 44 + 121 + 122 + 142 + 180 \\
 609 &:= 4^4 + 13^2 + 13^2 + 14^1 + 16^0 = 44 + 132 + 132 + 141 + 160 \\
 609 &:= 4^4 + 6^0 + 6^2 + 17^2 + 27^1 = 44 + 60 + 62 + 172 + 271 \\
 609 &:= 4^4 + 6^1 + 11^2 + 15^2 + 24^0 = 44 + 61 + 112 + 152 + 240 \\
 609 &:= 4^4 + 7^2 + 14^1 + 17^2 + 18^0 = 44 + 72 + 141 + 172 + 180 \\
 609 &:= 4^4 + 9^2 + 15^1 + 16^0 + 16^2 = 44 + 92 + 151 + 160 + 162 \\
 609 &:= 5^2 + 5^3 + 13^2 + 17^2 + 20^0 = 52 + 53 + 132 + 172 + 200 \\
 609 &:= 5^2 + 6^3 + 7^3 + 18^0 + 24^1 = 52 + 63 + 73 + 180 + 241 \\
 609 &:= 5^3 + 6^3 + 11^1 + 16^2 + 22^0 = 53 + 63 + 111 + 162 + 220 \\
 609 &:= 5^3 + 7^3 + 11^2 + 18^0 + 19^1 = 53 + 73 + 112 + 180 + 191 \\
 609 &:= 6^2 + 6^3 + 10^2 + 16^2 + 22^0 = 62 + 63 + 102 + 162 + 220
 \end{aligned}$$

2.2.511 Number 610

$$\begin{aligned}
 610 &:= 1^3 + 2^5 + 24^2 + 33^0 = 13 + 25 + 242 + 330 \\
 610 &:= 1^7 + 3^0 + 24^2 + 32^1 = 17 + 30 + 242 + 321 \\
 610 &:= 2^5 + 6^3 + 19^2 + 33^0 = 25 + 63 + 192 + 330 \\
 610 &:= 2^6 + 16^2 + 17^2 + 25^0 = 26 + 162 + 172 + 250 \\
 610 &:= 2^6 + 4^2 + 23^2 + 31^0 = 26 + 42 + 232 + 310 \\
 610 &:= 2^6 + 8^3 + 17^0 + 33^1 = 26 + 83 + 170 + 331 \\
 610 &:= 1^0 + 2^6 + 12^2 + 20^2 + 25^0 = 10 + 26 + 122 + 202 + 250 \\
 610 &:= 1^1 + 2^4 + 13^2 + 20^2 + 24^1 = 11 + 24 + 132 + 202 + 241 \\
 610 &:= 1^1 + 2^6 + 15^1 + 19^0 + 23^2 = 11 + 26 + 151 + 190 + 232 \\
 610 &:= 1^1 + 3^5 + 7^3 + 22^1 + 27^0 = 11 + 35 + 73 + 221 + 270 \\
 610 &:= 1^2 + 2^3 + 17^2 + 17^2 + 23^1 = 12 + 23 + 172 + 172 + 231 \\
 610 &:= 1^2 + 4^3 + 11^2 + 20^2 + 24^1 = 12 + 43 + 112 + 202 + 241 \\
 610 &:= 1^3 + 2^2 + 7^2 + 23^2 + 27^1 = 13 + 22 + 72 + 232 + 271 \\
 610 &:= 1^3 + 2^4 + 16^1 + 17^0 + 24^2 = 13 + 24 + 161 + 170 + 242 \\
 610 &:= 1^3 + 3^2 + 17^2 + 17^2 + 22^1 = 13 + 32 + 172 + 172 + 221
 \end{aligned}$$

$$\begin{aligned}
 610 &:= 1^3 + 4^3 + 12^2 + 20^2 + 23^0 = 13 + 43 + 122 + 202 + 230 \\
 610 &:= 1^3 + 5^2 + 11^2 + 21^2 + 22^1 = 13 + 52 + 112 + 212 + 221 \\
 610 &:= 1^3 + 6^3 + 14^2 + 14^2 + 25^0 = 13 + 63 + 142 + 142 + 250 \\
 610 &:= 1^4 + 2^3 + 9^0 + 24^1 + 24^2 = 14 + 23 + 90 + 241 + 242 \\
 610 &:= 1^4 + 3^3 + 5^1 + 24^2 + 27^0 = 14 + 33 + 51 + 242 + 270 \\
 610 &:= 1^4 + 4^2 + 4^2 + 24^2 + 27^0 = 14 + 42 + 42 + 242 + 270 \\
 610 &:= 1^4 + 4^3 + 15^1 + 17^0 + 23^2 = 14 + 43 + 151 + 170 + 232 \\
 610 &:= 1^4 + 7^3 + 9^1 + 16^2 + 27^0 = 14 + 73 + 91 + 162 + 270 \\
 610 &:= 1^4 + 8^2 + 12^2 + 19^0 + 20^2 = 14 + 82 + 122 + 190 + 202 \\
 610 &:= 1^4 + 8^3 + 9^2 + 15^1 + 27^0 = 14 + 83 + 92 + 151 + 270 \\
 610 &:= 1^5 + 12^1 + 13^0 + 14^2 + 20^2 = 15 + 121 + 130 + 142 + 202 \\
 610 &:= 1^5 + 3^0 + 10^2 + 22^2 + 24^1 = 15 + 30 + 102 + 222 + 241 \\
 610 &:= 1^5 + 3^0 + 12^2 + 21^2 + 23^1 = 15 + 30 + 122 + 212 + 231 \\
 610 &:= 1^5 + 3^0 + 15^2 + 19^2 + 22^1 = 15 + 30 + 152 + 192 + 221 \\
 610 &:= 1^5 + 3^1 + 11^2 + 22^2 + 23^0 = 15 + 31 + 112 + 222 + 230
 \end{aligned}$$

$$\begin{aligned} 610 &:= 1^5 + 3^2 + 9^0 + 23^1 + 24^2 = 15 + 32 + 90 + 231 + 242 & 610 &:= 2^4 + 2^4 + 12^0 + 20^0 + 24^2 = 24 + 24 + 120 + 200 + 242 \\ 610 &:= 1^5 + 4^2 + 15^0 + 16^1 + 24^2 = 15 + 42 + 150 + 161 + 242 & 610 &:= 2^4 + 2^4 + 13^0 + 19^0 + 24^2 = 24 + 24 + 130 + 190 + 242 \\ 610 &:= 1^5 + 5^2 + 7^1 + 23^0 + 24^2 = 15 + 52 + 71 + 230 + 242 & 610 &:= 2^4 + 2^4 + 14^0 + 18^0 + 24^2 = 24 + 24 + 140 + 180 + 242 \\ 610 &:= 1^5 + 8^2 + 13^0 + 15^1 + 23^2 = 15 + 82 + 130 + 151 + 232 & 610 &:= 2^4 + 2^4 + 15^0 + 17^0 + 24^2 = 24 + 24 + 150 + 170 + 242 \\ 610 &:= 1^6 + 3^0 + 10^1 + 22^1 + 24^2 = 16 + 30 + 101 + 221 + 242 & 610 &:= 2^4 + 2^4 + 16^0 + 16^0 + 24^2 = 24 + 24 + 160 + 160 + 242 \\ 610 &:= 1^6 + 3^0 + 11^1 + 21^1 + 24^2 = 16 + 30 + 111 + 211 + 242 & 610 &:= 2^4 + 2^4 + 5^0 + 24^2 + 27^0 = 24 + 24 + 50 + 242 + 270 \\ 610 &:= 1^6 + 3^0 + 12^1 + 20^1 + 24^2 = 16 + 30 + 121 + 201 + 242 & 610 &:= 2^4 + 2^4 + 6^0 + 24^2 + 26^0 = 24 + 24 + 60 + 242 + 260 \\ 610 &:= 1^6 + 3^0 + 13^1 + 19^1 + 24^2 = 16 + 30 + 131 + 191 + 242 & 610 &:= 2^4 + 2^4 + 7^0 + 24^2 + 25^0 = 24 + 24 + 70 + 242 + 250 \\ 610 &:= 1^6 + 3^0 + 14^1 + 18^1 + 24^2 = 16 + 30 + 141 + 181 + 242 & 610 &:= 2^4 + 2^4 + 8^0 + 24^0 + 24^2 = 24 + 24 + 80 + 240 + 242 \\ 610 &:= 1^6 + 3^0 + 15^1 + 17^1 + 24^2 = 16 + 30 + 151 + 171 + 242 & 610 &:= 2^4 + 2^4 + 9^0 + 23^0 + 24^2 = 24 + 24 + 90 + 230 + 242 \\ 610 &:= 1^6 + 3^0 + 16^1 + 16^1 + 24^2 = 16 + 30 + 161 + 161 + 242 & 610 &:= 2^4 + 3^1 + 13^2 + 20^2 + 22^1 = 24 + 31 + 132 + 202 + 221 \\ 610 &:= 1^6 + 3^0 + 5^1 + 24^2 + 27^1 = 16 + 30 + 51 + 242 + 271 & 610 &:= 2^4 + 3^1 + 6^2 + 23^2 + 26^1 = 24 + 31 + 62 + 232 + 261 \\ 610 &:= 1^6 + 3^0 + 6^1 + 24^2 + 26^1 = 16 + 30 + 61 + 242 + 261 & 610 &:= 2^4 + 3^2 + 10^2 + 22^2 + 23^0 = 24 + 32 + 102 + 222 + 230 \\ 610 &:= 1^6 + 3^0 + 7^1 + 24^2 + 25^1 = 16 + 30 + 71 + 242 + 251 & 610 &:= 2^4 + 4^1 + 13^2 + 20^2 + 21^1 = 24 + 41 + 132 + 202 + 211 \\ 610 &:= 1^6 + 3^0 + 8^1 + 24^1 + 24^2 = 16 + 30 + 81 + 241 + 242 & 610 &:= 2^4 + 4^1 + 6^2 + 23^2 + 25^1 = 24 + 41 + 62 + 232 + 251 \\ 610 &:= 1^6 + 3^0 + 9^1 + 23^1 + 24^2 = 16 + 30 + 91 + 231 + 242 & 610 &:= 2^4 + 5^0 + 5^3 + 21^2 + 27^1 = 24 + 50 + 53 + 212 + 271 \\ 610 &:= 2^0 + 2^6 + 12^2 + 20^2 + 24^0 = 20 + 26 + 122 + 202 + 240 & 610 &:= 2^4 + 5^1 + 13^2 + 20^1 + 20^2 = 24 + 51 + 132 + 201 + 202 \\ 610 &:= 2^1 + 2^4 + 13^2 + 20^2 + 23^1 = 21 + 24 + 132 + 202 + 231 & 610 &:= 2^4 + 5^1 + 6^2 + 23^2 + 24^1 = 24 + 51 + 62 + 232 + 241 \\ 610 &:= 2^1 + 2^4 + 6^2 + 23^2 + 27^1 = 21 + 24 + 62 + 232 + 271 & 610 &:= 2^4 + 6^1 + 13^2 + 19^1 + 20^2 = 24 + 61 + 132 + 191 + 202 \\ 610 &:= 2^1 + 2^6 + 14^1 + 19^0 + 23^2 = 21 + 26 + 141 + 190 + 232 & 610 &:= 2^4 + 6^1 + 6^2 + 23^1 + 23^2 = 24 + 61 + 62 + 231 + 232 \\ 610 &:= 2^1 + 3^5 + 7^3 + 21^1 + 27^0 = 21 + 35 + 73 + 211 + 270 & 610 &:= 2^4 + 6^2 + 10^1 + 19^1 + 23^2 = 24 + 62 + 101 + 191 + 232 \\ 610 &:= 2^2 + 3^3 + 14^2 + 19^2 + 22^1 = 22 + 33 + 142 + 192 + 221 & 610 &:= 2^4 + 6^2 + 11^1 + 18^1 + 23^2 = 24 + 62 + 111 + 181 + 232 \\ 610 &:= 2^2 + 4^3 + 14^2 + 18^2 + 22^1 = 22 + 43 + 142 + 182 + 221 & 610 &:= 2^4 + 6^2 + 12^1 + 17^1 + 23^2 = 24 + 62 + 121 + 171 + 232 \\ 610 &:= 2^2 + 5^3 + 13^2 + 17^2 + 23^1 = 22 + 53 + 132 + 172 + 231 & 610 &:= 2^4 + 6^2 + 13^1 + 16^1 + 23^2 = 24 + 62 + 131 + 161 + 232 \\ 610 &:= 2^2 + 6^3 + 13^2 + 14^2 + 25^1 = 22 + 63 + 132 + 142 + 251 & 610 &:= 2^4 + 6^2 + 14^1 + 15^1 + 23^2 = 24 + 62 + 141 + 151 + 232 \\ 610 &:= 2^3 + 10^2 + 14^2 + 17^1 + 17^2 = 23 + 102 + 142 + 171 + 172 & 610 &:= 2^4 + 6^2 + 14^2 + 19^0 + 19^2 = 24 + 62 + 142 + 190 + 192 \\ 610 &:= 2^3 + 2^3 + 8^2 + 23^2 + 25^0 = 23 + 23 + 82 + 232 + 250 & 610 &:= 2^4 + 6^2 + 7^1 + 22^1 + 23^2 = 24 + 62 + 71 + 221 + 232 \\ 610 &:= 2^3 + 2^4 + 9^1 + 23^0 + 24^2 = 23 + 24 + 91 + 230 + 242 & 610 &:= 2^4 + 6^2 + 8^1 + 21^1 + 23^2 = 24 + 62 + 81 + 211 + 232 \\ 610 &:= 2^3 + 4^3 + 8^3 + 21^0 + 25^1 = 23 + 43 + 83 + 210 + 251 & 610 &:= 2^4 + 6^2 + 9^1 + 20^1 + 23^2 = 24 + 62 + 91 + 201 + 232 \\ 610 &:= 2^3 + 4^4 + 15^0 + 18^2 + 21^1 = 23 + 44 + 150 + 182 + 211 & 610 &:= 2^4 + 6^3 + 16^1 + 17^0 + 19^2 = 24 + 63 + 161 + 170 + 192 \\ 610 &:= 2^3 + 5^2 + 14^2 + 19^2 + 20^1 = 23 + 52 + 142 + 192 + 201 & 610 &:= 2^4 + 7^1 + 13^2 + 18^1 + 20^2 = 24 + 71 + 132 + 181 + 202 \\ 610 &:= 2^3 + 8^2 + 14^2 + 18^1 + 18^2 = 23 + 82 + 142 + 181 + 182 & 610 &:= 2^4 + 7^2 + 12^2 + 19^0 + 20^2 = 24 + 72 + 122 + 190 + 202 \\ 610 &:= 2^4 + 10^1 + 13^2 + 15^1 + 20^2 = 24 + 101 + 132 + 151 + 202 & 610 &:= 2^4 + 7^3 + 11^0 + 15^2 + 25^1 = 24 + 73 + 110 + 152 + 251 \\ 610 &:= 2^4 + 10^2 + 13^2 + 17^0 + 18^2 = 24 + 102 + 132 + 170 + 182 & 610 &:= 2^4 + 8^1 + 13^2 + 17^1 + 20^2 = 24 + 81 + 132 + 171 + 202 \\ 610 &:= 2^4 + 11^1 + 13^2 + 14^1 + 20^2 = 24 + 111 + 132 + 141 + 202 & 610 &:= 2^4 + 8^2 + 8^3 + 17^1 + 25^0 = 24 + 82 + 83 + 171 + 250 \\ 610 &:= 2^4 + 12^1 + 13^1 + 13^2 + 20^2 = 24 + 121 + 131 + 132 + 202 & 610 &:= 2^4 + 9^1 + 13^2 + 16^1 + 20^2 = 24 + 91 + 132 + 161 + 202 \\ 610 &:= 2^4 + 2^4 + 10^0 + 22^0 + 24^2 = 24 + 24 + 100 + 220 + 242 & 610 &:= 2^4 + 9^2 + 16^2 + 16^2 + 17^0 = 24 + 92 + 162 + 162 + 170 \\ 610 &:= 2^4 + 2^4 + 11^0 + 21^0 + 24^2 = 24 + 24 + 110 + 210 + 242 & 610 &:= 2^5 + 11^0 + 11^2 + 15^1 + 21^2 = 25 + 110 + 112 + 151 + 212 \end{aligned}$$

$$\begin{aligned}
 610 &:= 2^5 + 2^6 + 2^9 + 26^0 + 27^0 = 25 + 26 + 29 + 260 + 270 & 610 &:= 3^3 + 8^2 + 10^2 + 19^1 + 20^2 = 33 + 82 + 102 + 191 + 202 \\
 610 &:= 2^5 + 5^0 + 14^2 + 19^2 + 20^1 = 25 + 50 + 142 + 192 + 201 & 610 &:= 3^3 + 9^2 + 14^2 + 17^1 + 17^2 = 33 + 92 + 142 + 171 + 172 \\
 610 &:= 2^5 + 5^2 + 7^0 + 23^1 + 23^2 = 25 + 52 + 70 + 231 + 232 & 610 &:= 3^4 + 4^2 + 16^2 + 16^2 + 21^0 = 34 + 42 + 162 + 162 + 210 \\
 610 &:= 2^5 + 6^2 + 12^1 + 17^0 + 23^2 = 25 + 62 + 121 + 170 + 232 & 610 &:= 3^4 + 4^3 + 9^0 + 21^2 + 23^1 = 34 + 43 + 90 + 212 + 231 \\
 610 &:= 2^5 + 8^1 + 13^2 + 17^0 + 20^2 = 25 + 81 + 132 + 170 + 202 & 610 &:= 3^4 + 6^3 + 11^0 + 17^2 + 23^1 = 34 + 63 + 110 + 172 + 231 \\
 610 &:= 2^5 + 8^2 + 8^3 + 15^0 + 27^0 = 25 + 82 + 83 + 150 + 270 & 610 &:= 3^4 + 7^3 + 13^2 + 16^1 + 21^0 = 34 + 73 + 132 + 161 + 210 \\
 610 &:= 2^5 + 8^2 + 8^3 + 16^0 + 26^0 = 25 + 82 + 83 + 160 + 260 & 610 &:= 3^4 + 8^2 + 8^2 + 20^2 + 21^0 = 34 + 82 + 82 + 202 + 210 \\
 610 &:= 2^5 + 8^2 + 8^3 + 17^0 + 25^0 = 25 + 82 + 83 + 170 + 250 & 610 &:= 3^5 + 10^1 + 10^2 + 16^2 + 21^0 = 35 + 101 + 102 + 162 + 210 \\
 610 &:= 2^5 + 8^2 + 8^3 + 18^0 + 24^0 = 25 + 82 + 83 + 180 + 240 & 610 &:= 3^5 + 11^0 + 11^2 + 15^2 + 20^1 = 35 + 110 + 112 + 152 + 201 \\
 610 &:= 2^5 + 8^2 + 8^3 + 19^0 + 23^0 = 25 + 82 + 83 + 190 + 230 & 610 &:= 3^5 + 4^1 + 7^3 + 19^1 + 27^0 = 35 + 41 + 73 + 191 + 270 \\
 610 &:= 2^5 + 8^2 + 8^3 + 20^0 + 22^0 = 25 + 82 + 83 + 200 + 220 & 610 &:= 3^5 + 4^2 + 9^0 + 18^2 + 26^1 = 35 + 42 + 90 + 182 + 261 \\
 610 &:= 2^5 + 8^2 + 8^3 + 21^0 + 21^0 = 25 + 82 + 83 + 210 + 210 & 610 &:= 3^5 + 5^0 + 12^2 + 14^2 + 26^1 = 35 + 50 + 122 + 142 + 261 \\
 610 &:= 2^5 + 9^2 + 12^1 + 15^0 + 22^2 = 25 + 92 + 121 + 150 + 222 & 610 &:= 3^5 + 5^1 + 7^3 + 18^1 + 27^0 = 35 + 51 + 73 + 181 + 270 \\
 610 &:= 2^6 + 10^0 + 12^2 + 16^0 + 20^2 = 26 + 100 + 122 + 160 + 202 & 610 &:= 3^5 + 5^2 + 17^0 + 17^1 + 18^2 = 35 + 52 + 170 + 171 + 182 \\
 610 &:= 2^6 + 11^0 + 12^2 + 15^0 + 20^2 = 26 + 110 + 122 + 150 + 202 & 610 &:= 3^5 + 6^1 + 6^2 + 18^2 + 27^0 = 35 + 61 + 62 + 182 + 270 \\
 610 &:= 2^6 + 12^0 + 12^2 + 14^0 + 20^2 = 26 + 120 + 122 + 140 + 202 & 610 &:= 3^5 + 6^1 + 7^3 + 17^1 + 27^0 = 35 + 61 + 73 + 171 + 270 \\
 610 &:= 2^6 + 12^2 + 13^0 + 13^0 + 20^2 = 26 + 122 + 130 + 130 + 202 & 610 &:= 3^5 + 7^1 + 7^3 + 16^1 + 27^0 = 35 + 71 + 73 + 161 + 270 \\
 610 &:= 2^6 + 3^0 + 12^2 + 20^2 + 23^0 = 26 + 30 + 122 + 202 + 230 & 610 &:= 3^5 + 7^3 + 10^1 + 13^1 + 27^0 = 35 + 73 + 101 + 131 + 270 \\
 610 &:= 2^6 + 3^1 + 13^1 + 19^0 + 23^2 = 26 + 31 + 131 + 190 + 232 & 610 &:= 3^5 + 7^3 + 11^1 + 12^1 + 27^0 = 35 + 73 + 111 + 121 + 270 \\
 610 &:= 2^6 + 4^0 + 12^2 + 20^2 + 22^0 = 26 + 40 + 122 + 202 + 220 & 610 &:= 3^5 + 7^3 + 8^1 + 15^1 + 27^0 = 35 + 73 + 81 + 151 + 270 \\
 610 &:= 2^6 + 4^1 + 12^1 + 19^0 + 23^2 = 26 + 41 + 121 + 190 + 232 & 610 &:= 3^5 + 7^3 + 9^1 + 14^1 + 27^0 = 35 + 73 + 91 + 141 + 270 \\
 610 &:= 2^6 + 5^0 + 12^2 + 20^2 + 21^0 = 26 + 50 + 122 + 202 + 210 & 610 &:= 3^5 + 8^2 + 13^1 + 17^2 + 19^0 = 35 + 82 + 131 + 172 + 190 \\
 610 &:= 2^6 + 5^1 + 11^1 + 19^0 + 23^2 = 26 + 51 + 111 + 190 + 232 & 610 &:= 4^2 + 4^4 + 9^2 + 16^2 + 27^0 = 42 + 44 + 92 + 162 + 270 \\
 610 &:= 2^6 + 6^0 + 12^2 + 20^0 + 20^2 = 26 + 60 + 122 + 200 + 202 & 610 &:= 4^2 + 6^3 + 8^2 + 17^2 + 25^1 = 42 + 63 + 82 + 172 + 251 \\
 610 &:= 2^6 + 6^1 + 10^1 + 19^0 + 23^2 = 26 + 61 + 101 + 190 + 232 & 610 &:= 4^3 + 4^3 + 15^2 + 16^2 + 21^0 = 43 + 43 + 152 + 162 + 210 \\
 610 &:= 2^6 + 7^0 + 12^2 + 19^0 + 20^2 = 26 + 70 + 122 + 190 + 202 & 610 &:= 4^3 + 4^3 + 9^2 + 20^2 + 23^0 = 43 + 43 + 92 + 202 + 230 \\
 610 &:= 2^6 + 7^1 + 9^1 + 19^0 + 23^2 = 26 + 71 + 91 + 190 + 232 & 610 &:= 4^3 + 5^2 + 10^2 + 20^2 + 21^1 = 43 + 52 + 102 + 202 + 211 \\
 610 &:= 2^6 + 8^0 + 12^2 + 18^0 + 20^2 = 26 + 80 + 122 + 180 + 202 & 610 &:= 4^4 + 6^2 + 11^2 + 14^2 + 25^0 = 44 + 62 + 112 + 142 + 250 \\
 610 &:= 2^6 + 8^1 + 8^1 + 19^0 + 23^2 = 26 + 81 + 81 + 190 + 232 & 610 &:= 4^4 + 6^3 + 11^2 + 16^1 + 23^0 = 44 + 63 + 112 + 161 + 230 \\
 610 &:= 2^6 + 9^0 + 12^2 + 17^0 + 20^2 = 26 + 90 + 122 + 170 + 202 & 610 &:= 4^4 + 8^2 + 8^2 + 15^2 + 25^0 = 44 + 82 + 82 + 152 + 250 \\
 610 &:= 3^1 + 3^5 + 7^3 + 20^1 + 27^0 = 31 + 35 + 73 + 201 + 270 & 610 &:= 5^2 + 5^3 + 6^2 + 20^2 + 24^1 = 52 + 53 + 62 + 202 + 241 \\
 610 &:= 3^3 + 11^2 + 11^2 + 17^1 + 18^2 = 33 + 112 + 112 + 171 + 182 & 610 &:= 5^2 + 6^3 + 11^2 + 15^2 + 23^1 = 52 + 63 + 112 + 152 + 231 \\
 610 &:= 3^3 + 3^4 + 15^0 + 17^1 + 22^2 = 33 + 34 + 150 + 171 + 222 & 610 &:= 5^3 + 11^2 + 11^2 + 15^2 + 18^1 = 53 + 112 + 112 + 152 + 181 \\
 610 &:= 3^3 + 4^2 + 5^3 + 21^2 + 27^0 = 33 + 42 + 53 + 212 + 270 & 610 &:= 5^3 + 5^3 + 7^3 + 16^1 + 27^0 = 53 + 53 + 73 + 161 + 270 \\
 610 &:= 3^3 + 6^3 + 7^3 + 21^0 + 23^1 = 33 + 63 + 73 + 210 + 231
 \end{aligned}$$

2.2.512 Number 611

$611 := 1^6 + 5^3 + 22^2 + 32^0$	$= 16 + 53 + 222 + 320$	$611 := 1^6 + 4^1 + 11^2 + 22^0 + 22^2$	$= 16 + 41 + 112 + 220 + 222$
$611 := 1^8 + 2^0 + 24^2 + 33^1$	$= 18 + 20 + 242 + 331$	$611 := 1^6 + 4^2 + 14^0 + 17^1 + 24^2$	$= 16 + 42 + 140 + 171 + 242$
$611 := 1^9 + 1^9 + 24^2 + 33^1$	$= 19 + 19 + 242 + 331$	$611 := 1^6 + 5^2 + 8^1 + 22^0 + 24^2$	$= 16 + 52 + 81 + 220 + 242$
$611 := 1^9 + 2^9 + 7^2 + 49^1$	$= 19 + 29 + 72 + 491$	$611 := 1^6 + 8^2 + 12^0 + 16^1 + 23^2$	$= 16 + 82 + 120 + 161 + 232$
$611 := 2^7 + 11^2 + 19^2 + 28^0$	$= 27 + 112 + 192 + 280$	$611 := 1^7 + 1^9 + 10^2 + 22^2 + 25^1$	$= 17 + 19 + 102 + 222 + 251$
$611 := 2^8 + 10^0 + 18^2 + 30^1$	$= 28 + 100 + 182 + 301$	$611 := 1^7 + 1^9 + 12^2 + 21^2 + 24^1$	$= 17 + 19 + 122 + 212 + 241$
$611 := 1^0 + 2^7 + 15^2 + 16^2 + 26^0$	$= 10 + 27 + 152 + 162 + 260$	$611 := 1^7 + 1^9 + 15^2 + 19^2 + 23^1$	$= 17 + 19 + 152 + 192 + 231$
$611 := 1^1 + 2^6 + 16^2 + 17^2 + 24^0$	$= 11 + 26 + 162 + 172 + 240$	$611 := 1^7 + 2^0 + 10^1 + 23^1 + 24^2$	$= 17 + 20 + 101 + 231 + 242$
$611 := 1^2 + 2^6 + 16^1 + 18^0 + 23^2$	$= 12 + 26 + 161 + 180 + 232$	$611 := 1^7 + 2^0 + 11^1 + 22^1 + 24^2$	$= 17 + 20 + 111 + 221 + 242$
$611 := 1^2 + 3^5 + 7^3 + 23^1 + 26^0$	$= 12 + 35 + 73 + 231 + 260$	$611 := 1^7 + 2^0 + 12^1 + 21^1 + 24^2$	$= 17 + 20 + 121 + 211 + 242$
$611 := 1^3 + 2^4 + 8^2 + 23^2 + 26^0$	$= 13 + 24 + 82 + 232 + 260$	$611 := 1^7 + 2^0 + 13^1 + 20^1 + 24^2$	$= 17 + 20 + 131 + 201 + 242$
$611 := 1^4 + 2^4 + 16^0 + 17^1 + 24^2$	$= 14 + 24 + 160 + 171 + 242$	$611 := 1^7 + 2^0 + 14^1 + 19^1 + 24^2$	$= 17 + 20 + 141 + 191 + 242$
$611 := 1^4 + 2^5 + 10^0 + 23^0 + 24^2$	$= 14 + 25 + 100 + 230 + 242$	$611 := 1^7 + 2^0 + 15^1 + 18^1 + 24^2$	$= 17 + 20 + 151 + 181 + 242$
$611 := 1^4 + 2^5 + 11^0 + 22^0 + 24^2$	$= 14 + 25 + 110 + 220 + 242$	$611 := 1^7 + 2^0 + 16^1 + 17^1 + 24^2$	$= 17 + 20 + 161 + 171 + 242$
$611 := 1^4 + 2^5 + 12^0 + 21^0 + 24^2$	$= 14 + 25 + 120 + 210 + 242$	$611 := 1^7 + 2^0 + 6^1 + 24^2 + 27^1$	$= 17 + 20 + 61 + 242 + 271$
$611 := 1^4 + 2^5 + 13^0 + 20^0 + 24^2$	$= 14 + 25 + 130 + 200 + 242$	$611 := 1^7 + 2^0 + 7^1 + 24^2 + 26^1$	$= 17 + 20 + 71 + 242 + 261$
$611 := 1^4 + 2^5 + 14^0 + 19^0 + 24^2$	$= 14 + 25 + 140 + 190 + 242$	$611 := 1^7 + 2^0 + 8^1 + 24^2 + 25^1$	$= 17 + 20 + 81 + 242 + 251$
$611 := 1^4 + 2^5 + 15^0 + 18^0 + 24^2$	$= 14 + 25 + 150 + 180 + 242$	$611 := 1^7 + 2^0 + 9^1 + 24^1 + 24^2$	$= 17 + 20 + 91 + 241 + 242$
$611 := 1^4 + 2^5 + 16^0 + 17^0 + 24^2$	$= 14 + 25 + 160 + 170 + 242$	$611 := 1^8 + 1^8 + 10^2 + 22^2 + 25^1$	$= 18 + 18 + 102 + 222 + 251$
$611 := 1^4 + 2^5 + 6^0 + 24^2 + 27^0$	$= 14 + 25 + 60 + 242 + 270$	$611 := 1^8 + 1^8 + 12^2 + 21^2 + 24^1$	$= 18 + 18 + 122 + 212 + 241$
$611 := 1^4 + 2^5 + 7^0 + 24^2 + 26^0$	$= 14 + 25 + 70 + 242 + 260$	$611 := 1^8 + 1^8 + 15^2 + 19^2 + 23^1$	$= 18 + 18 + 152 + 192 + 231$
$611 := 1^4 + 2^5 + 8^0 + 24^2 + 25^0$	$= 14 + 25 + 80 + 242 + 250$	$611 := 1^8 + 1^9 + 10^1 + 23^1 + 24^2$	$= 18 + 19 + 101 + 231 + 242$
$611 := 1^4 + 2^5 + 9^0 + 24^0 + 24^2$	$= 14 + 25 + 90 + 240 + 242$	$611 := 1^8 + 1^9 + 11^1 + 22^1 + 24^2$	$= 18 + 19 + 111 + 221 + 242$
$611 := 1^4 + 4^3 + 16^2 + 17^2 + 22^0$	$= 14 + 43 + 162 + 172 + 220$	$611 := 1^8 + 1^9 + 12^1 + 21^1 + 24^2$	$= 18 + 19 + 121 + 211 + 242$
$611 := 1^5 + 2^2 + 11^2 + 22^2 + 24^0$	$= 15 + 22 + 112 + 222 + 240$	$611 := 1^8 + 1^9 + 13^1 + 20^1 + 24^2$	$= 18 + 19 + 131 + 201 + 242$
$611 := 1^5 + 2^3 + 8^0 + 24^2 + 25^1$	$= 15 + 23 + 80 + 242 + 251$	$611 := 1^8 + 1^9 + 14^1 + 19^1 + 24^2$	$= 18 + 19 + 141 + 191 + 242$
$611 := 1^5 + 3^3 + 6^1 + 24^2 + 26^0$	$= 15 + 33 + 61 + 242 + 260$	$611 := 1^8 + 1^9 + 15^1 + 18^1 + 24^2$	$= 18 + 19 + 151 + 181 + 242$
$611 := 1^5 + 4^2 + 8^2 + 23^2 + 24^0$	$= 15 + 42 + 82 + 232 + 240$	$611 := 1^8 + 1^9 + 16^1 + 17^1 + 24^2$	$= 18 + 19 + 161 + 171 + 242$
$611 := 1^5 + 4^3 + 16^0 + 16^1 + 23^2$	$= 15 + 43 + 160 + 161 + 232$	$611 := 1^8 + 1^9 + 6^1 + 24^2 + 27^1$	$= 18 + 19 + 61 + 242 + 271$
$611 := 1^5 + 5^2 + 10^2 + 22^0 + 22^2$	$= 15 + 52 + 102 + 220 + 222$	$611 := 1^8 + 1^9 + 7^1 + 24^2 + 26^1$	$= 18 + 19 + 71 + 242 + 261$
$611 := 1^5 + 7^3 + 10^1 + 16^2 + 26^0$	$= 15 + 73 + 101 + 162 + 260$	$611 := 1^8 + 1^9 + 8^1 + 24^2 + 25^1$	$= 18 + 19 + 81 + 242 + 251$
$611 := 1^5 + 8^2 + 16^2 + 17^2 + 18^0$	$= 15 + 82 + 162 + 172 + 180$	$611 := 1^8 + 1^9 + 9^1 + 24^1 + 24^2$	$= 18 + 19 + 91 + 241 + 242$
$611 := 1^5 + 8^3 + 9^2 + 16^1 + 26^0$	$= 15 + 83 + 92 + 161 + 260$	$611 := 1^8 + 2^9 + 7^2 + 22^1 + 27^1$	$= 18 + 29 + 72 + 221 + 271$
$611 := 1^6 + 12^0 + 13^1 + 14^2 + 20^2$	$= 16 + 120 + 131 + 142 + 202$	$611 := 1^8 + 2^9 + 7^2 + 23^1 + 26^1$	$= 18 + 29 + 72 + 231 + 261$
$611 := 1^6 + 2^0 + 10^2 + 22^2 + 25^1$	$= 16 + 20 + 102 + 222 + 251$	$611 := 1^8 + 2^9 + 7^2 + 24^1 + 25^1$	$= 18 + 29 + 72 + 241 + 251$
$611 := 1^6 + 2^0 + 12^2 + 21^2 + 24^1$	$= 16 + 20 + 122 + 212 + 241$	$611 := 2^0 + 2^6 + 11^2 + 20^2 + 25^1$	$= 20 + 26 + 112 + 202 + 251$
$611 := 1^6 + 2^0 + 15^2 + 19^2 + 23^1$	$= 16 + 20 + 152 + 192 + 231$	$611 := 2^0 + 2^7 + 15^2 + 16^2 + 25^0$	$= 20 + 27 + 152 + 162 + 250$
$611 := 1^6 + 3^2 + 8^0 + 24^1 + 24^2$	$= 16 + 32 + 80 + 241 + 242$	$611 := 2^0 + 2^7 + 9^2 + 20^2 + 27^0$	$= 20 + 27 + 92 + 202 + 270$

$$\begin{aligned}
 611 &:= 2^1 + 2^6 + 12^2 + 20^2 + 24^0 = 21 + 26 + 122 + 202 + 240 \\
 611 &:= 2^2 + 2^6 + 13^1 + 20^0 + 23^2 = 22 + 26 + 131 + 200 + 232 \\
 611 &:= 2^3 + 2^4 + 15^2 + 19^2 + 22^0 = 23 + 24 + 152 + 192 + 220 \\
 611 &:= 2^3 + 3^4 + 11^2 + 20^2 + 24^0 = 23 + 34 + 112 + 202 + 240 \\
 611 &:= 2^4 + 3^4 + 8^3 + 20^0 + 27^0 = 24 + 34 + 83 + 200 + 270 \\
 611 &:= 2^4 + 3^4 + 8^3 + 21^0 + 26^0 = 24 + 34 + 83 + 210 + 260 \\
 611 &:= 2^4 + 3^4 + 8^3 + 22^0 + 25^0 = 24 + 34 + 83 + 220 + 250 \\
 611 &:= 2^4 + 3^4 + 8^3 + 23^0 + 24^0 = 24 + 34 + 83 + 230 + 240 \\
 611 &:= 2^4 + 4^3 + 13^2 + 19^2 + 22^0 = 24 + 43 + 132 + 192 + 220 \\
 611 &:= 2^4 + 4^4 + 14^1 + 18^2 + 22^0 = 24 + 44 + 141 + 182 + 220 \\
 611 &:= 2^5 + 3^2 + 13^2 + 20^2 + 22^0 = 25 + 32 + 132 + 202 + 220 \\
 611 &:= 2^5 + 3^3 + 10^0 + 22^1 + 23^2 = 25 + 33 + 100 + 221 + 232 \\
 611 &:= 2^5 + 4^2 + 11^2 + 21^2 + 22^0 = 25 + 42 + 112 + 212 + 220 \\
 611 &:= 2^5 + 5^3 + 12^1 + 20^0 + 21^2 = 25 + 53 + 121 + 200 + 212 \\
 611 &:= 2^5 + 7^2 + 8^3 + 17^1 + 26^0 = 25 + 72 + 83 + 171 + 260 \\
 611 &:= 2^5 + 7^3 + 10^1 + 15^2 + 26^0 = 25 + 73 + 101 + 152 + 260 \\
 611 &:= 2^5 + 8^2 + 15^2 + 17^2 + 18^0 = 25 + 82 + 152 + 172 + 180 \\
 611 &:= 2^6 + 10^0 + 13^2 + 16^1 + 19^2 = 26 + 100 + 132 + 161 + 192 \\
 611 &:= 2^6 + 3^2 + 8^1 + 23^2 + 24^0 = 26 + 32 + 81 + 232 + 240 \\
 611 &:= 2^6 + 4^0 + 6^2 + 22^2 + 26^1 = 26 + 40 + 62 + 222 + 261 \\
 611 &:= 2^6 + 4^0 + 9^2 + 21^2 + 24^1 = 26 + 40 + 92 + 212 + 241 \\
 611 &:= 2^6 + 5^1 + 10^2 + 21^2 + 22^0 = 26 + 51 + 102 + 212 + 220 \\
 611 &:= 2^6 + 7^1 + 8^3 + 16^0 + 27^1 = 26 + 71 + 83 + 160 + 271 \\
 611 &:= 2^6 + 7^2 + 13^1 + 16^0 + 22^2 = 26 + 72 + 131 + 160 + 222 \\
 611 &:= 2^6 + 8^1 + 8^3 + 16^0 + 26^1 = 26 + 81 + 83 + 160 + 261 \\
 611 &:= 2^6 + 8^3 + 10^1 + 16^0 + 24^1 = 26 + 83 + 101 + 160 + 241 \\
 611 &:= 2^6 + 8^3 + 11^1 + 16^0 + 23^1 = 26 + 83 + 111 + 160 + 231 \\
 611 &:= 2^6 + 8^3 + 12^1 + 16^0 + 22^1 = 26 + 83 + 121 + 160 + 221 \\
 611 &:= 2^6 + 8^3 + 13^1 + 16^0 + 21^1 = 26 + 83 + 131 + 160 + 211 \\
 611 &:= 2^6 + 8^3 + 14^1 + 16^0 + 20^1 = 26 + 83 + 141 + 160 + 201 \\
 611 &:= 2^6 + 8^3 + 15^1 + 16^0 + 19^1 = 26 + 83 + 151 + 160 + 191 \\
 611 &:= 2^6 + 8^3 + 16^0 + 16^1 + 18^1 = 26 + 83 + 160 + 161 + 181 \\
 611 &:= 2^6 + 8^3 + 16^0 + 17^1 + 17^1 = 26 + 83 + 160 + 171 + 171
 \end{aligned}$$

$$\begin{aligned}
 611 &:= 2^6 + 8^3 + 9^1 + 16^0 + 25^1 = 26 + 83 + 91 + 160 + 251 \\
 611 &:= 2^7 + 10^0 + 15^2 + 16^2 + 17^0 = 27 + 100 + 152 + 162 + 170 \\
 611 &:= 2^7 + 11^0 + 15^2 + 16^0 + 16^2 = 27 + 110 + 152 + 160 + 162 \\
 611 &:= 2^7 + 12^0 + 15^0 + 15^2 + 16^2 = 27 + 120 + 150 + 152 + 162 \\
 611 &:= 2^7 + 13^0 + 14^0 + 15^2 + 16^2 = 27 + 130 + 140 + 152 + 162 \\
 611 &:= 2^7 + 3^0 + 15^2 + 16^2 + 24^0 = 27 + 30 + 152 + 162 + 240 \\
 611 &:= 2^7 + 3^0 + 9^2 + 20^2 + 26^0 = 27 + 30 + 92 + 202 + 260 \\
 611 &:= 2^7 + 4^0 + 15^2 + 16^2 + 23^0 = 27 + 40 + 152 + 162 + 230 \\
 611 &:= 2^7 + 4^0 + 9^2 + 20^2 + 25^0 = 27 + 40 + 92 + 202 + 250 \\
 611 &:= 2^7 + 5^0 + 15^2 + 16^2 + 22^0 = 27 + 50 + 152 + 162 + 220 \\
 611 &:= 2^7 + 5^0 + 9^2 + 20^2 + 24^0 = 27 + 50 + 92 + 202 + 240 \\
 611 &:= 2^7 + 6^0 + 15^2 + 16^2 + 21^0 = 27 + 60 + 152 + 162 + 210 \\
 611 &:= 2^7 + 6^0 + 9^2 + 20^2 + 23^0 = 27 + 60 + 92 + 202 + 230 \\
 611 &:= 2^7 + 7^0 + 15^2 + 16^2 + 20^0 = 27 + 70 + 152 + 162 + 200 \\
 611 &:= 2^7 + 7^0 + 9^2 + 20^2 + 22^0 = 27 + 70 + 92 + 202 + 220 \\
 611 &:= 2^7 + 8^0 + 15^2 + 16^2 + 19^0 = 27 + 80 + 152 + 162 + 190 \\
 611 &:= 2^7 + 8^0 + 9^2 + 20^2 + 21^0 = 27 + 80 + 92 + 202 + 210 \\
 611 &:= 2^7 + 9^0 + 15^2 + 16^2 + 18^0 = 27 + 90 + 152 + 162 + 180 \\
 611 &:= 2^7 + 9^0 + 9^2 + 20^0 + 20^2 = 27 + 90 + 92 + 200 + 202 \\
 611 &:= 2^7 + 9^2 + 10^0 + 19^0 + 20^2 = 27 + 92 + 100 + 190 + 202 \\
 611 &:= 2^7 + 9^2 + 11^0 + 18^0 + 20^2 = 27 + 92 + 110 + 180 + 202 \\
 611 &:= 2^7 + 9^2 + 12^0 + 17^0 + 20^2 = 27 + 92 + 120 + 170 + 202 \\
 611 &:= 2^7 + 9^2 + 13^0 + 16^0 + 20^2 = 27 + 92 + 130 + 160 + 202 \\
 611 &:= 2^7 + 9^2 + 14^0 + 15^0 + 20^2 = 27 + 92 + 140 + 150 + 202 \\
 611 &:= 3^3 + 3^5 + 16^1 + 18^2 + 20^0 = 33 + 35 + 161 + 182 + 200 \\
 611 &:= 3^4 + 3^4 + 7^1 + 21^2 + 26^0 = 34 + 34 + 71 + 212 + 260 \\
 611 &:= 3^4 + 4^4 + 16^2 + 17^1 + 20^0 = 34 + 44 + 162 + 171 + 200 \\
 611 &:= 3^4 + 6^3 + 12^2 + 13^2 + 26^0 = 34 + 63 + 122 + 132 + 260 \\
 611 &:= 3^5 + 4^3 + 14^1 + 17^2 + 22^0 = 35 + 43 + 141 + 172 + 220 \\
 611 &:= 3^5 + 5^3 + 15^2 + 17^1 + 20^0 = 35 + 53 + 152 + 171 + 200 \\
 611 &:= 4^4 + 4^4 + 9^2 + 17^1 + 26^0 = 44 + 44 + 92 + 171 + 260
 \end{aligned}$$

2.2.513 Number 612

$$\begin{aligned}
 612 &:= 1^9 + 24^2 + 35^1 = 19 + 242 + 351 \\
 612 &:= 2^9 + 7^2 + 51^1 = 29 + 72 + 511 \\
 612 &:= 1^0 + 1^9 + 24^2 + 34^1 = 10 + 19 + 242 + 341
 \end{aligned}$$

$$\begin{aligned}
 612 &:= 1^0 + 2^9 + 7^2 + 50^1 = 10 + 29 + 72 + 501 \\
 612 &:= 1^1 + 1^8 + 24^2 + 34^1 = 11 + 18 + 242 + 341 \\
 612 &:= 1^2 + 1^7 + 24^2 + 34^1 = 12 + 17 + 242 + 341
 \end{aligned}$$

$612 := 1^3 + 1^6 + 24^2 + 34^1$	$= 13 + 16 + 242 + 341$	$612 := 1^0 + 1^8 + 15^1 + 19^1 + 24^2$	$= 10 + 18 + 151 + 191 + 242$
$612 := 1^4 + 1^5 + 24^2 + 34^1$	$= 14 + 15 + 242 + 341$	$612 := 1^0 + 1^8 + 16^1 + 18^1 + 24^2$	$= 10 + 18 + 161 + 181 + 242$
$612 := 1^6 + 3^4 + 23^2 + 33^0$	$= 16 + 34 + 232 + 330$	$612 := 1^0 + 1^8 + 17^1 + 17^1 + 24^2$	$= 10 + 18 + 171 + 171 + 242$
$612 := 1^6 + 6^3 + 19^2 + 34^1$	$= 16 + 63 + 192 + 341$	$612 := 1^0 + 1^8 + 7^1 + 24^2 + 27^1$	$= 10 + 18 + 71 + 242 + 271$
$612 := 1^7 + 10^2 + 22^2 + 27^1$	$= 17 + 102 + 222 + 271$	$612 := 1^0 + 1^8 + 8^1 + 24^2 + 26^1$	$= 10 + 18 + 81 + 242 + 261$
$612 := 1^7 + 12^2 + 21^2 + 26^1$	$= 17 + 122 + 212 + 261$	$612 := 1^0 + 1^8 + 9^1 + 24^2 + 25^1$	$= 10 + 18 + 91 + 242 + 251$
$612 := 1^7 + 15^2 + 19^2 + 25^1$	$= 17 + 152 + 192 + 251$	$612 := 1^1 + 1^6 + 10^2 + 22^2 + 26^1$	$= 11 + 16 + 102 + 222 + 261$
$612 := 1^8 + 10^1 + 24^2 + 25^1$	$= 18 + 101 + 242 + 251$	$612 := 1^1 + 1^6 + 12^2 + 21^2 + 25^1$	$= 11 + 16 + 122 + 212 + 251$
$612 := 1^8 + 11^1 + 24^1 + 24^2$	$= 18 + 111 + 241 + 242$	$612 := 1^1 + 1^6 + 15^2 + 19^2 + 24^1$	$= 11 + 16 + 152 + 192 + 241$
$612 := 1^8 + 12^1 + 23^1 + 24^2$	$= 18 + 121 + 231 + 242$	$612 := 1^1 + 1^7 + 10^1 + 24^1 + 24^2$	$= 11 + 17 + 101 + 241 + 242$
$612 := 1^8 + 13^1 + 22^1 + 24^2$	$= 18 + 131 + 221 + 242$	$612 := 1^1 + 1^7 + 11^1 + 23^1 + 24^2$	$= 11 + 17 + 111 + 231 + 242$
$612 := 1^8 + 13^2 + 21^2 + 25^0$	$= 18 + 132 + 212 + 250$	$612 := 1^1 + 1^7 + 12^1 + 22^1 + 24^2$	$= 11 + 17 + 121 + 221 + 242$
$612 := 1^8 + 14^1 + 21^1 + 24^2$	$= 18 + 141 + 211 + 242$	$612 := 1^1 + 1^7 + 13^1 + 21^1 + 24^2$	$= 11 + 17 + 131 + 211 + 242$
$612 := 1^8 + 15^1 + 20^1 + 24^2$	$= 18 + 151 + 201 + 242$	$612 := 1^1 + 1^7 + 14^1 + 20^1 + 24^2$	$= 11 + 17 + 141 + 201 + 242$
$612 := 1^8 + 16^1 + 19^1 + 24^2$	$= 18 + 161 + 191 + 242$	$612 := 1^1 + 1^7 + 15^1 + 19^1 + 24^2$	$= 11 + 17 + 151 + 191 + 242$
$612 := 1^8 + 17^1 + 18^1 + 24^2$	$= 18 + 171 + 181 + 242$	$612 := 1^1 + 1^7 + 16^1 + 18^1 + 24^2$	$= 11 + 17 + 161 + 181 + 242$
$612 := 1^8 + 2^1 + 24^2 + 33^1$	$= 18 + 21 + 242 + 331$	$612 := 1^1 + 1^7 + 17^1 + 17^1 + 24^2$	$= 11 + 17 + 171 + 171 + 242$
$612 := 1^8 + 3^1 + 24^2 + 32^1$	$= 18 + 31 + 242 + 321$	$612 := 1^1 + 1^7 + 7^1 + 24^2 + 27^1$	$= 11 + 17 + 71 + 242 + 271$
$612 := 1^8 + 4^1 + 24^2 + 31^1$	$= 18 + 41 + 242 + 311$	$612 := 1^1 + 1^7 + 8^1 + 24^2 + 26^1$	$= 11 + 17 + 81 + 242 + 261$
$612 := 1^8 + 5^1 + 24^2 + 30^1$	$= 18 + 51 + 242 + 301$	$612 := 1^1 + 1^7 + 9^1 + 24^2 + 25^1$	$= 11 + 17 + 91 + 242 + 251$
$612 := 1^8 + 6^1 + 24^2 + 29^1$	$= 18 + 61 + 242 + 291$	$612 := 1^1 + 2^6 + 11^2 + 20^2 + 26^1$	$= 11 + 26 + 112 + 202 + 261$
$612 := 1^8 + 7^1 + 24^2 + 28^1$	$= 18 + 71 + 242 + 281$	$612 := 1^1 + 2^7 + 11^2 + 19^2 + 27^0$	$= 11 + 27 + 112 + 192 + 270$
$612 := 1^8 + 8^1 + 24^2 + 27^1$	$= 18 + 81 + 242 + 271$	$612 := 1^2 + 1^5 + 10^2 + 22^2 + 26^1$	$= 12 + 15 + 102 + 222 + 261$
$612 := 1^8 + 9^1 + 24^2 + 26^1$	$= 18 + 91 + 242 + 261$	$612 := 1^2 + 1^5 + 12^2 + 21^2 + 25^1$	$= 12 + 15 + 122 + 212 + 251$
$612 := 1^8 + 9^2 + 23^2 + 27^0$	$= 18 + 92 + 232 + 270$	$612 := 1^2 + 1^5 + 15^2 + 19^2 + 24^1$	$= 12 + 15 + 152 + 192 + 241$
$612 := 2^7 + 3^2 + 21^2 + 34^1$	$= 27 + 32 + 212 + 341$	$612 := 1^2 + 1^6 + 10^1 + 24^1 + 24^2$	$= 12 + 16 + 101 + 241 + 242$
$612 := 2^8 + 7^3 + 12^1 + 39^0$	$= 28 + 73 + 121 + 390$	$612 := 1^2 + 1^6 + 11^1 + 23^1 + 24^2$	$= 12 + 16 + 111 + 231 + 242$
$612 := 2^9 + 7^2 + 51^1$	$= 29 + 72 + 511$	$612 := 1^2 + 1^6 + 12^1 + 22^1 + 24^2$	$= 12 + 16 + 121 + 221 + 242$
$612 := 2^9 + 8^2 + 15^0 + 35^1$	$= 29 + 82 + 150 + 351$	$612 := 1^2 + 1^6 + 13^1 + 21^1 + 24^2$	$= 12 + 16 + 131 + 211 + 242$
$612 := 2^9 + 9^2 + 18^1 + 31^0$	$= 29 + 92 + 181 + 310$	$612 := 1^2 + 1^6 + 14^1 + 20^1 + 24^2$	$= 12 + 16 + 141 + 201 + 242$
$612 := 1^0 + 1^7 + 10^2 + 22^2 + 26^1$	$= 10 + 17 + 102 + 222 + 261$	$612 := 1^2 + 1^6 + 15^1 + 19^1 + 24^2$	$= 12 + 16 + 151 + 191 + 242$
$612 := 1^0 + 1^7 + 12^2 + 21^2 + 25^1$	$= 10 + 17 + 122 + 212 + 251$	$612 := 1^2 + 1^6 + 16^1 + 18^1 + 24^2$	$= 12 + 16 + 161 + 181 + 242$
$612 := 1^0 + 1^7 + 15^2 + 19^2 + 24^1$	$= 10 + 17 + 152 + 192 + 241$	$612 := 1^2 + 1^6 + 17^1 + 17^1 + 24^2$	$= 12 + 16 + 171 + 171 + 242$
$612 := 1^0 + 1^8 + 10^1 + 24^1 + 24^2$	$= 10 + 18 + 101 + 241 + 242$	$612 := 1^2 + 1^6 + 7^1 + 24^2 + 27^1$	$= 12 + 16 + 71 + 242 + 271$
$612 := 1^0 + 1^8 + 11^1 + 23^1 + 24^2$	$= 10 + 18 + 111 + 231 + 242$	$612 := 1^2 + 1^6 + 8^1 + 24^2 + 26^1$	$= 12 + 16 + 81 + 242 + 261$
$612 := 1^0 + 1^8 + 12^1 + 22^1 + 24^2$	$= 10 + 18 + 121 + 221 + 242$	$612 := 1^2 + 1^6 + 9^1 + 24^2 + 25^1$	$= 12 + 16 + 91 + 242 + 251$
$612 := 1^0 + 1^8 + 13^1 + 21^1 + 24^2$	$= 10 + 18 + 131 + 211 + 242$	$612 := 1^3 + 1^4 + 10^2 + 22^2 + 26^1$	$= 13 + 14 + 102 + 222 + 261$
$612 := 1^0 + 1^8 + 14^1 + 20^1 + 24^2$	$= 10 + 18 + 141 + 201 + 242$	$612 := 1^3 + 1^4 + 12^2 + 21^2 + 25^1$	$= 13 + 14 + 122 + 212 + 251$

$$\begin{aligned} 612 &:= 1^3 + 1^4 + 15^2 + 19^2 + 24^1 = 13 + 14 + 152 + 192 + 241 \\ 612 &:= 1^3 + 1^5 + 10^1 + 24^1 + 24^2 = 13 + 15 + 101 + 241 + 242 \\ 612 &:= 1^3 + 1^5 + 11^1 + 23^1 + 24^2 = 13 + 15 + 111 + 231 + 242 \\ 612 &:= 1^3 + 1^5 + 12^1 + 22^1 + 24^2 = 13 + 15 + 121 + 221 + 242 \\ 612 &:= 1^3 + 1^5 + 13^1 + 21^1 + 24^2 = 13 + 15 + 131 + 211 + 242 \\ 612 &:= 1^3 + 1^5 + 14^1 + 20^1 + 24^2 = 13 + 15 + 141 + 201 + 242 \\ 612 &:= 1^3 + 1^5 + 15^1 + 19^1 + 24^2 = 13 + 15 + 151 + 191 + 242 \\ 612 &:= 1^3 + 1^5 + 16^1 + 18^1 + 24^2 = 13 + 15 + 161 + 181 + 242 \\ 612 &:= 1^3 + 1^5 + 17^1 + 17^1 + 24^2 = 13 + 15 + 171 + 171 + 242 \\ 612 &:= 1^3 + 1^5 + 7^1 + 24^2 + 27^1 = 13 + 15 + 71 + 242 + 271 \\ 612 &:= 1^3 + 1^5 + 8^1 + 24^2 + 26^1 = 13 + 15 + 81 + 242 + 261 \\ 612 &:= 1^3 + 1^5 + 9^1 + 24^2 + 25^1 = 13 + 15 + 91 + 242 + 251 \\ 612 &:= 1^3 + 2^5 + 17^2 + 17^2 + 23^0 = 13 + 25 + 172 + 172 + 230 \\ 612 &:= 1^3 + 2^5 + 7^2 + 23^2 + 27^0 = 13 + 25 + 72 + 232 + 270 \\ 612 &:= 1^3 + 2^6 + 17^0 + 17^1 + 23^2 = 13 + 26 + 170 + 171 + 232 \\ 612 &:= 1^3 + 3^4 + 12^2 + 19^2 + 25^1 = 13 + 34 + 122 + 192 + 251 \\ 612 &:= 1^3 + 3^5 + 7^3 + 24^1 + 25^0 = 13 + 35 + 73 + 241 + 250 \\ 612 &:= 1^4 + 1^4 + 10^1 + 24^1 + 24^2 = 14 + 14 + 101 + 241 + 242 \\ 612 &:= 1^4 + 1^4 + 11^1 + 23^1 + 24^2 = 14 + 14 + 111 + 231 + 242 \\ 612 &:= 1^4 + 1^4 + 12^1 + 22^1 + 24^2 = 14 + 14 + 121 + 221 + 242 \\ 612 &:= 1^4 + 1^4 + 13^1 + 21^1 + 24^2 = 14 + 14 + 131 + 211 + 242 \\ 612 &:= 1^4 + 1^4 + 14^1 + 20^1 + 24^2 = 14 + 14 + 141 + 201 + 242 \\ 612 &:= 1^4 + 1^4 + 15^1 + 19^1 + 24^2 = 14 + 14 + 151 + 191 + 242 \\ 612 &:= 1^4 + 1^4 + 16^1 + 18^1 + 24^2 = 14 + 14 + 161 + 181 + 242 \\ 612 &:= 1^4 + 1^4 + 17^1 + 17^1 + 24^2 = 14 + 14 + 171 + 171 + 242 \\ 612 &:= 1^4 + 1^4 + 7^1 + 24^2 + 27^1 = 14 + 14 + 71 + 242 + 271 \\ 612 &:= 1^4 + 1^4 + 8^1 + 24^2 + 26^1 = 14 + 14 + 81 + 242 + 261 \\ 612 &:= 1^4 + 1^4 + 9^1 + 24^2 + 25^1 = 14 + 14 + 91 + 242 + 251 \\ 612 &:= 1^4 + 2^3 + 16^2 + 18^2 + 23^1 = 14 + 23 + 162 + 182 + 231 \\ 612 &:= 1^4 + 4^3 + 6^2 + 22^2 + 27^1 = 14 + 43 + 62 + 222 + 271 \\ 612 &:= 1^4 + 4^3 + 9^2 + 21^2 + 25^1 = 14 + 43 + 92 + 212 + 251 \\ 612 &:= 1^4 + 5^3 + 10^2 + 19^2 + 25^1 = 14 + 53 + 102 + 192 + 251 \\ 612 &:= 1^4 + 6^3 + 12^2 + 15^2 + 26^1 = 14 + 63 + 122 + 152 + 261 \\ 612 &:= 1^5 + 10^2 + 13^2 + 18^1 + 18^2 = 15 + 102 + 132 + 181 + 182 \\ 612 &:= 1^5 + 12^2 + 15^2 + 15^2 + 17^1 = 15 + 122 + 152 + 152 + 171 \\ 612 &:= 1^5 + 13^2 + 13^2 + 16^2 + 17^1 = 15 + 132 + 132 + 162 + 171 \\ 612 &:= 1^5 + 2^4 + 15^0 + 18^1 + 24^2 = 15 + 24 + 150 + 181 + 242 \\ 612 &:= 1^5 + 3^2 + 16^2 + 18^2 + 22^1 = 15 + 32 + 162 + 182 + 221 \end{aligned}$$

$$\begin{aligned} 612 &:= 1^5 + 5^3 + 14^2 + 17^2 + 23^0 = 15 + 53 + 142 + 172 + 230 \\ 612 &:= 1^5 + 6^3 + 10^1 + 19^2 + 24^1 = 15 + 63 + 101 + 192 + 241 \\ 612 &:= 1^5 + 6^3 + 11^1 + 19^2 + 23^1 = 15 + 63 + 111 + 192 + 231 \\ 612 &:= 1^5 + 6^3 + 12^1 + 19^2 + 22^1 = 15 + 63 + 121 + 192 + 221 \\ 612 &:= 1^5 + 6^3 + 13^1 + 19^2 + 21^1 = 15 + 63 + 131 + 192 + 211 \\ 612 &:= 1^5 + 6^3 + 13^2 + 15^2 + 25^0 = 15 + 63 + 132 + 152 + 250 \\ 612 &:= 1^5 + 6^3 + 14^1 + 19^2 + 20^1 = 15 + 63 + 141 + 192 + 201 \\ 612 &:= 1^5 + 6^3 + 15^1 + 19^1 + 19^2 = 15 + 63 + 151 + 191 + 192 \\ 612 &:= 1^5 + 6^3 + 16^1 + 18^1 + 19^2 = 15 + 63 + 161 + 181 + 192 \\ 612 &:= 1^5 + 6^3 + 17^1 + 17^1 + 19^2 = 15 + 63 + 171 + 171 + 192 \\ 612 &:= 1^5 + 6^3 + 7^1 + 19^2 + 27^1 = 15 + 63 + 71 + 192 + 271 \\ 612 &:= 1^5 + 6^3 + 8^1 + 19^2 + 26^1 = 15 + 63 + 81 + 192 + 261 \\ 612 &:= 1^5 + 6^3 + 9^1 + 19^2 + 25^1 = 15 + 63 + 91 + 192 + 251 \\ 612 &:= 1^5 + 7^2 + 10^2 + 21^1 + 21^2 = 15 + 72 + 102 + 211 + 212 \\ 612 &:= 1^5 + 9^2 + 16^2 + 16^2 + 18^1 = 15 + 92 + 162 + 162 + 181 \\ 612 &:= 1^6 + 10^1 + 10^2 + 17^1 + 22^2 = 16 + 101 + 102 + 171 + 222 \\ 612 &:= 1^6 + 10^1 + 12^2 + 16^1 + 21^2 = 16 + 101 + 122 + 161 + 212 \\ 612 &:= 1^6 + 10^1 + 15^1 + 15^2 + 19^2 = 16 + 101 + 151 + 152 + 192 \\ 612 &:= 1^6 + 10^2 + 11^1 + 16^1 + 22^2 = 16 + 102 + 111 + 161 + 222 \\ 612 &:= 1^6 + 10^2 + 12^1 + 15^1 + 22^2 = 16 + 102 + 121 + 151 + 222 \\ 612 &:= 1^6 + 10^2 + 13^1 + 14^1 + 22^2 = 16 + 102 + 131 + 141 + 222 \\ 612 &:= 1^6 + 11^1 + 12^2 + 15^1 + 21^2 = 16 + 111 + 122 + 151 + 212 \\ 612 &:= 1^6 + 11^1 + 14^1 + 15^2 + 19^2 = 16 + 111 + 141 + 152 + 192 \\ 612 &:= 1^6 + 12^1 + 12^2 + 14^1 + 21^2 = 16 + 121 + 122 + 141 + 212 \\ 612 &:= 1^6 + 12^1 + 13^1 + 15^2 + 19^2 = 16 + 121 + 131 + 152 + 192 \\ 612 &:= 1^6 + 12^2 + 13^1 + 13^1 + 21^2 = 16 + 122 + 131 + 131 + 212 \\ 612 &:= 1^6 + 2^1 + 10^2 + 22^2 + 25^1 = 16 + 21 + 102 + 222 + 251 \\ 612 &:= 1^6 + 2^1 + 12^2 + 21^2 + 24^1 = 16 + 21 + 122 + 212 + 241 \\ 612 &:= 1^6 + 2^1 + 15^2 + 19^2 + 23^1 = 16 + 21 + 152 + 192 + 231 \\ 612 &:= 1^6 + 2^3 + 7^0 + 24^2 + 26^1 = 16 + 23 + 70 + 242 + 261 \\ 612 &:= 1^6 + 3^1 + 10^2 + 22^2 + 24^1 = 16 + 31 + 102 + 222 + 241 \\ 612 &:= 1^6 + 3^1 + 12^2 + 21^2 + 23^1 = 16 + 31 + 122 + 212 + 231 \\ 612 &:= 1^6 + 3^1 + 15^2 + 19^2 + 22^1 = 16 + 31 + 152 + 192 + 221 \\ 612 &:= 1^6 + 3^2 + 5^2 + 24^2 + 27^0 = 16 + 32 + 52 + 242 + 270 \\ 612 &:= 1^6 + 3^3 + 7^1 + 24^2 + 25^0 = 16 + 33 + 71 + 242 + 250 \\ 612 &:= 1^6 + 4^1 + 10^2 + 22^2 + 23^1 = 16 + 41 + 102 + 222 + 231 \\ 612 &:= 1^6 + 4^1 + 12^2 + 21^2 + 22^1 = 16 + 41 + 122 + 212 + 221 \\ 612 &:= 1^6 + 4^1 + 15^2 + 19^2 + 21^1 = 16 + 41 + 152 + 192 + 211 \end{aligned}$$

$$\begin{aligned} 612 &:= 1^6 + 4^3 + 15^0 + 17^1 + 23^2 = 16 + 43 + 150 + 171 + 232 \\ 612 &:= 1^6 + 5^1 + 10^2 + 22^1 + 22^2 = 16 + 51 + 102 + 221 + 222 \\ 612 &:= 1^6 + 5^1 + 12^2 + 21^1 + 21^2 = 16 + 51 + 122 + 211 + 212 \\ 612 &:= 1^6 + 5^1 + 15^2 + 19^2 + 20^1 = 16 + 51 + 152 + 192 + 201 \\ 612 &:= 1^6 + 5^2 + 12^2 + 21^0 + 21^2 = 16 + 52 + 122 + 210 + 212 \\ 612 &:= 1^6 + 6^1 + 10^2 + 21^1 + 22^2 = 16 + 61 + 102 + 211 + 222 \\ 612 &:= 1^6 + 6^1 + 12^2 + 20^1 + 21^2 = 16 + 61 + 122 + 201 + 212 \\ 612 &:= 1^6 + 6^1 + 15^2 + 19^1 + 19^2 = 16 + 61 + 152 + 191 + 192 \\ 612 &:= 1^6 + 7^1 + 10^2 + 20^1 + 22^2 = 16 + 71 + 102 + 201 + 222 \\ 612 &:= 1^6 + 7^1 + 12^2 + 19^1 + 21^2 = 16 + 71 + 122 + 191 + 212 \\ 612 &:= 1^6 + 7^1 + 15^2 + 18^1 + 19^2 = 16 + 71 + 152 + 181 + 192 \\ 612 &:= 1^6 + 7^3 + 11^1 + 16^2 + 25^0 = 16 + 73 + 111 + 162 + 250 \\ 612 &:= 1^6 + 8^1 + 10^2 + 19^1 + 22^2 = 16 + 81 + 102 + 191 + 222 \\ 612 &:= 1^6 + 8^1 + 12^2 + 18^1 + 21^2 = 16 + 81 + 122 + 181 + 212 \\ 612 &:= 1^6 + 8^1 + 15^2 + 17^1 + 19^2 = 16 + 81 + 152 + 171 + 192 \\ 612 &:= 1^6 + 8^3 + 9^2 + 17^1 + 25^0 = 16 + 83 + 92 + 171 + 250 \\ 612 &:= 1^6 + 9^1 + 10^2 + 18^1 + 22^2 = 16 + 91 + 102 + 181 + 222 \\ 612 &:= 1^6 + 9^1 + 12^2 + 17^1 + 21^2 = 16 + 91 + 122 + 171 + 212 \\ 612 &:= 1^6 + 9^1 + 15^2 + 16^1 + 19^2 = 16 + 91 + 152 + 161 + 192 \\ 612 &:= 1^7 + 10^1 + 10^1 + 15^1 + 24^2 = 17 + 101 + 101 + 151 + 242 \\ 612 &:= 1^7 + 10^1 + 11^1 + 14^1 + 24^2 = 17 + 101 + 111 + 141 + 242 \\ 612 &:= 1^7 + 10^1 + 12^1 + 13^1 + 24^2 = 17 + 101 + 121 + 131 + 242 \\ 612 &:= 1^7 + 11^0 + 14^1 + 14^2 + 20^2 = 17 + 110 + 141 + 142 + 202 \\ 612 &:= 1^7 + 11^1 + 11^1 + 13^1 + 24^2 = 17 + 111 + 111 + 131 + 242 \\ 612 &:= 1^7 + 11^1 + 12^1 + 12^1 + 24^2 = 17 + 111 + 121 + 121 + 242 \\ 612 &:= 1^7 + 2^1 + 10^1 + 23^1 + 24^2 = 17 + 21 + 101 + 231 + 242 \\ 612 &:= 1^7 + 2^1 + 11^1 + 22^1 + 24^2 = 17 + 21 + 111 + 221 + 242 \\ 612 &:= 1^7 + 2^1 + 12^1 + 21^1 + 24^2 = 17 + 21 + 121 + 211 + 242 \\ 612 &:= 1^7 + 2^1 + 13^1 + 20^1 + 24^2 = 17 + 21 + 131 + 201 + 242 \\ 612 &:= 1^7 + 2^1 + 14^1 + 19^1 + 24^2 = 17 + 21 + 141 + 191 + 242 \\ 612 &:= 1^7 + 2^1 + 15^1 + 18^1 + 24^2 = 17 + 21 + 151 + 181 + 242 \\ 612 &:= 1^7 + 2^1 + 16^1 + 17^1 + 24^2 = 17 + 21 + 161 + 171 + 242 \\ 612 &:= 1^7 + 2^1 + 6^1 + 24^2 + 27^1 = 17 + 21 + 61 + 242 + 271 \\ 612 &:= 1^7 + 2^1 + 7^1 + 24^2 + 26^1 = 17 + 21 + 71 + 242 + 261 \\ 612 &:= 1^7 + 2^1 + 8^1 + 24^2 + 25^1 = 17 + 21 + 81 + 242 + 251 \\ 612 &:= 1^7 + 2^1 + 9^1 + 24^1 + 24^2 = 17 + 21 + 91 + 241 + 242 \\ 612 &:= 1^7 + 3^1 + 10^1 + 22^1 + 24^2 = 17 + 31 + 101 + 221 + 242 \\ 612 &:= 1^7 + 3^1 + 11^1 + 21^1 + 24^2 = 17 + 31 + 111 + 211 + 242 \end{aligned}$$

$$\begin{aligned} 612 &:= 1^7 + 3^1 + 12^1 + 20^1 + 24^2 = 17 + 31 + 121 + 201 + 242 \\ 612 &:= 1^7 + 3^1 + 13^1 + 19^1 + 24^2 = 17 + 31 + 131 + 191 + 242 \\ 612 &:= 1^7 + 3^1 + 14^1 + 18^1 + 24^2 = 17 + 31 + 141 + 181 + 242 \\ 612 &:= 1^7 + 3^1 + 15^1 + 17^1 + 24^2 = 17 + 31 + 151 + 171 + 242 \\ 612 &:= 1^7 + 3^1 + 16^1 + 16^1 + 24^2 = 17 + 31 + 161 + 161 + 242 \\ 612 &:= 1^7 + 3^1 + 5^1 + 24^2 + 27^1 = 17 + 31 + 51 + 242 + 271 \\ 612 &:= 1^7 + 3^1 + 6^1 + 24^2 + 26^1 = 17 + 31 + 61 + 242 + 261 \\ 612 &:= 1^7 + 3^1 + 7^1 + 24^2 + 25^1 = 17 + 31 + 71 + 242 + 251 \\ 612 &:= 1^7 + 3^1 + 8^1 + 24^1 + 24^2 = 17 + 31 + 81 + 241 + 242 \\ 612 &:= 1^7 + 3^1 + 9^1 + 23^1 + 24^2 = 17 + 31 + 91 + 231 + 242 \\ 612 &:= 1^7 + 3^2 + 7^0 + 24^2 + 25^1 = 17 + 32 + 70 + 242 + 251 \\ 612 &:= 1^7 + 4^1 + 10^1 + 21^1 + 24^2 = 17 + 41 + 101 + 211 + 242 \\ 612 &:= 1^7 + 4^1 + 11^1 + 20^1 + 24^2 = 17 + 41 + 111 + 201 + 242 \\ 612 &:= 1^7 + 4^1 + 12^1 + 19^1 + 24^2 = 17 + 41 + 121 + 191 + 242 \\ 612 &:= 1^7 + 4^1 + 13^1 + 18^1 + 24^2 = 17 + 41 + 131 + 181 + 242 \\ 612 &:= 1^7 + 4^1 + 14^1 + 17^1 + 24^2 = 17 + 41 + 141 + 171 + 242 \\ 612 &:= 1^7 + 4^1 + 15^1 + 16^1 + 24^2 = 17 + 41 + 151 + 161 + 242 \\ 612 &:= 1^7 + 4^1 + 4^1 + 24^2 + 27^1 = 17 + 41 + 41 + 242 + 271 \\ 612 &:= 1^7 + 4^1 + 5^1 + 24^2 + 26^1 = 17 + 41 + 51 + 242 + 261 \\ 612 &:= 1^7 + 4^1 + 6^1 + 24^2 + 25^1 = 17 + 41 + 61 + 242 + 251 \\ 612 &:= 1^7 + 4^1 + 7^1 + 24^1 + 24^2 = 17 + 41 + 71 + 241 + 242 \\ 612 &:= 1^7 + 4^1 + 8^1 + 23^1 + 24^2 = 17 + 41 + 81 + 231 + 242 \\ 612 &:= 1^7 + 4^1 + 9^1 + 22^1 + 24^2 = 17 + 41 + 91 + 221 + 242 \\ 612 &:= 1^7 + 4^2 + 13^0 + 18^1 + 24^2 = 17 + 42 + 130 + 181 + 242 \\ 612 &:= 1^7 + 5^0 + 5^3 + 22^2 + 27^0 = 17 + 50 + 53 + 222 + 270 \\ 612 &:= 1^7 + 5^1 + 10^1 + 20^1 + 24^2 = 17 + 51 + 101 + 201 + 242 \\ 612 &:= 1^7 + 5^1 + 11^1 + 19^1 + 24^2 = 17 + 51 + 111 + 191 + 242 \\ 612 &:= 1^7 + 5^1 + 11^2 + 21^0 + 22^2 = 17 + 51 + 112 + 210 + 222 \\ 612 &:= 1^7 + 5^1 + 12^1 + 18^1 + 24^2 = 17 + 51 + 121 + 181 + 242 \\ 612 &:= 1^7 + 5^1 + 13^1 + 17^1 + 24^2 = 17 + 51 + 131 + 171 + 242 \\ 612 &:= 1^7 + 5^1 + 14^1 + 16^1 + 24^2 = 17 + 51 + 141 + 161 + 242 \\ 612 &:= 1^7 + 5^1 + 15^1 + 15^1 + 24^2 = 17 + 51 + 151 + 151 + 242 \\ 612 &:= 1^7 + 5^1 + 5^1 + 24^2 + 25^1 = 17 + 51 + 51 + 242 + 251 \\ 612 &:= 1^7 + 5^1 + 6^1 + 24^1 + 24^2 = 17 + 51 + 61 + 241 + 242 \\ 612 &:= 1^7 + 5^1 + 7^1 + 23^1 + 24^2 = 17 + 51 + 71 + 231 + 242 \\ 612 &:= 1^7 + 5^1 + 8^1 + 22^1 + 24^2 = 17 + 51 + 81 + 221 + 242 \\ 612 &:= 1^7 + 5^1 + 9^1 + 21^1 + 24^2 = 17 + 51 + 91 + 211 + 242 \\ 612 &:= 1^7 + 5^2 + 9^1 + 21^0 + 24^2 = 17 + 52 + 91 + 210 + 242 \end{aligned}$$

$$\begin{aligned} 612 &:= 1^7 + 5^3 + 10^0 + 22^0 + 22^2 = 17 + 53 + 100 + 220 + 222 \\ 612 &:= 1^7 + 5^3 + 11^0 + 21^0 + 22^2 = 17 + 53 + 110 + 210 + 222 \\ 612 &:= 1^7 + 5^3 + 12^0 + 20^0 + 22^2 = 17 + 53 + 120 + 200 + 222 \\ 612 &:= 1^7 + 5^3 + 13^0 + 19^0 + 22^2 = 17 + 53 + 130 + 190 + 222 \\ 612 &:= 1^7 + 5^3 + 14^0 + 18^0 + 22^2 = 17 + 53 + 140 + 180 + 222 \\ 612 &:= 1^7 + 5^3 + 15^0 + 17^0 + 22^2 = 17 + 53 + 150 + 170 + 222 \\ 612 &:= 1^7 + 5^3 + 16^0 + 16^0 + 22^2 = 17 + 53 + 160 + 160 + 222 \\ 612 &:= 1^7 + 5^3 + 6^0 + 22^2 + 26^0 = 17 + 53 + 60 + 222 + 260 \\ 612 &:= 1^7 + 5^3 + 7^0 + 22^2 + 25^0 = 17 + 53 + 70 + 222 + 250 \\ 612 &:= 1^7 + 5^3 + 8^0 + 22^2 + 24^0 = 17 + 53 + 80 + 222 + 240 \\ 612 &:= 1^7 + 5^3 + 9^0 + 22^2 + 23^0 = 17 + 53 + 90 + 222 + 230 \\ 612 &:= 1^7 + 6^1 + 10^1 + 19^1 + 24^2 = 17 + 61 + 101 + 191 + 242 \\ 612 &:= 1^7 + 6^1 + 11^1 + 18^1 + 24^2 = 17 + 61 + 111 + 181 + 242 \\ 612 &:= 1^7 + 6^1 + 12^1 + 17^1 + 24^2 = 17 + 61 + 121 + 171 + 242 \\ 612 &:= 1^7 + 6^1 + 13^1 + 16^1 + 24^2 = 17 + 61 + 131 + 161 + 242 \\ 612 &:= 1^7 + 6^1 + 14^1 + 15^1 + 24^2 = 17 + 61 + 141 + 151 + 242 \\ 612 &:= 1^7 + 6^1 + 6^1 + 23^1 + 24^2 = 17 + 61 + 61 + 231 + 242 \\ 612 &:= 1^7 + 6^1 + 7^1 + 22^1 + 24^2 = 17 + 61 + 71 + 221 + 242 \\ 612 &:= 1^7 + 6^1 + 8^1 + 21^1 + 24^2 = 17 + 61 + 81 + 211 + 242 \\ 612 &:= 1^7 + 6^1 + 9^1 + 20^1 + 24^2 = 17 + 61 + 91 + 201 + 242 \\ 612 &:= 1^7 + 7^1 + 10^1 + 18^1 + 24^2 = 17 + 71 + 101 + 181 + 242 \\ 612 &:= 1^7 + 7^1 + 11^1 + 17^1 + 24^2 = 17 + 71 + 111 + 171 + 242 \\ 612 &:= 1^7 + 7^1 + 12^1 + 16^1 + 24^2 = 17 + 71 + 121 + 161 + 242 \\ 612 &:= 1^7 + 7^1 + 13^1 + 15^1 + 24^2 = 17 + 71 + 131 + 151 + 242 \\ 612 &:= 1^7 + 7^1 + 14^1 + 14^1 + 24^2 = 17 + 71 + 141 + 141 + 242 \\ 612 &:= 1^7 + 7^1 + 7^1 + 21^1 + 24^2 = 17 + 71 + 71 + 211 + 242 \\ 612 &:= 1^7 + 7^1 + 8^1 + 20^1 + 24^2 = 17 + 71 + 81 + 201 + 242 \\ 612 &:= 1^7 + 7^1 + 9^1 + 19^1 + 24^2 = 17 + 71 + 91 + 191 + 242 \\ 612 &:= 1^7 + 8^1 + 10^1 + 17^1 + 24^2 = 17 + 81 + 101 + 171 + 242 \\ 612 &:= 1^7 + 8^1 + 11^1 + 16^1 + 24^2 = 17 + 81 + 111 + 161 + 242 \\ 612 &:= 1^7 + 8^1 + 12^1 + 15^1 + 24^2 = 17 + 81 + 121 + 151 + 242 \\ 612 &:= 1^7 + 8^1 + 13^1 + 14^1 + 24^2 = 17 + 81 + 131 + 141 + 242 \\ 612 &:= 1^7 + 8^1 + 8^1 + 19^1 + 24^2 = 17 + 81 + 81 + 191 + 242 \\ 612 &:= 1^7 + 8^1 + 9^1 + 18^1 + 24^2 = 17 + 81 + 91 + 181 + 242 \\ 612 &:= 1^7 + 8^2 + 11^0 + 17^1 + 23^2 = 17 + 82 + 110 + 171 + 232 \\ 612 &:= 1^7 + 9^1 + 10^1 + 16^1 + 24^2 = 17 + 91 + 101 + 161 + 242 \\ 612 &:= 1^7 + 9^1 + 11^1 + 15^1 + 24^2 = 17 + 91 + 111 + 151 + 242 \\ 612 &:= 1^7 + 9^1 + 12^1 + 14^1 + 24^2 = 17 + 91 + 121 + 141 + 242 \end{aligned}$$

$$\begin{aligned} 612 &:= 1^7 + 9^1 + 13^1 + 13^1 + 24^2 = 17 + 91 + 131 + 131 + 242 \\ 612 &:= 1^7 + 9^1 + 9^1 + 17^1 + 24^2 = 17 + 91 + 91 + 171 + 242 \\ 612 &:= 2^1 + 2^6 + 11^2 + 20^2 + 25^1 = 21 + 26 + 112 + 202 + 251 \\ 612 &:= 2^1 + 2^7 + 15^2 + 16^2 + 25^0 = 21 + 27 + 152 + 162 + 250 \\ 612 &:= 2^1 + 2^7 + 9^2 + 20^2 + 27^0 = 21 + 27 + 92 + 202 + 270 \\ 612 &:= 2^3 + 2^6 + 10^1 + 23^0 + 23^2 = 23 + 26 + 101 + 230 + 232 \\ 612 &:= 2^3 + 3^5 + 10^1 + 18^2 + 27^1 = 23 + 35 + 101 + 182 + 271 \\ 612 &:= 2^3 + 3^5 + 11^1 + 18^2 + 26^1 = 23 + 35 + 111 + 182 + 261 \\ 612 &:= 2^3 + 3^5 + 12^1 + 18^2 + 25^1 = 23 + 35 + 121 + 182 + 251 \\ 612 &:= 2^3 + 3^5 + 13^1 + 18^2 + 24^1 = 23 + 35 + 131 + 182 + 241 \\ 612 &:= 2^3 + 3^5 + 14^1 + 18^2 + 23^1 = 23 + 35 + 141 + 182 + 231 \\ 612 &:= 2^3 + 3^5 + 15^1 + 18^2 + 22^1 = 23 + 35 + 151 + 182 + 221 \\ 612 &:= 2^3 + 3^5 + 16^1 + 18^2 + 21^1 = 23 + 35 + 161 + 182 + 211 \\ 612 &:= 2^3 + 3^5 + 17^1 + 18^2 + 20^1 = 23 + 35 + 171 + 182 + 201 \\ 612 &:= 2^3 + 3^5 + 18^1 + 18^2 + 19^1 = 23 + 35 + 181 + 182 + 191 \\ 612 &:= 2^4 + 3^4 + 15^2 + 17^2 + 23^0 = 24 + 34 + 152 + 172 + 230 \\ 612 &:= 2^4 + 6^3 + 8^2 + 17^2 + 27^1 = 24 + 63 + 82 + 172 + 271 \\ 612 &:= 2^5 + 10^2 + 10^2 + 19^1 + 19^2 = 25 + 102 + 102 + 191 + 192 \\ 612 &:= 2^5 + 13^2 + 13^2 + 15^2 + 17^1 = 25 + 132 + 132 + 152 + 171 \\ 612 &:= 2^5 + 3^2 + 15^2 + 18^2 + 22^1 = 25 + 32 + 152 + 182 + 221 \\ 612 &:= 2^5 + 3^4 + 14^1 + 19^0 + 22^2 = 25 + 34 + 141 + 190 + 222 \\ 612 &:= 2^5 + 4^2 + 10^2 + 21^2 + 23^1 = 25 + 42 + 102 + 212 + 231 \\ 612 &:= 2^5 + 4^3 + 10^1 + 22^1 + 22^2 = 25 + 43 + 101 + 221 + 222 \\ 612 &:= 2^5 + 4^3 + 11^1 + 21^1 + 22^2 = 25 + 43 + 111 + 211 + 222 \\ 612 &:= 2^5 + 4^3 + 12^1 + 20^1 + 22^2 = 25 + 43 + 121 + 201 + 222 \\ 612 &:= 2^5 + 4^3 + 13^1 + 19^1 + 22^2 = 25 + 43 + 131 + 191 + 222 \\ 612 &:= 2^5 + 4^3 + 14^1 + 18^1 + 22^2 = 25 + 43 + 141 + 181 + 222 \\ 612 &:= 2^5 + 4^3 + 15^1 + 17^1 + 22^2 = 25 + 43 + 151 + 171 + 222 \\ 612 &:= 2^5 + 4^3 + 16^1 + 16^1 + 22^2 = 25 + 43 + 161 + 161 + 222 \\ 612 &:= 2^5 + 4^3 + 5^1 + 22^2 + 27^1 = 25 + 43 + 51 + 222 + 271 \\ 612 &:= 2^5 + 4^3 + 6^1 + 22^2 + 26^1 = 25 + 43 + 61 + 222 + 261 \\ 612 &:= 2^5 + 4^3 + 7^1 + 22^2 + 25^1 = 25 + 43 + 71 + 222 + 251 \\ 612 &:= 2^5 + 4^3 + 8^1 + 22^2 + 24^1 = 25 + 43 + 81 + 222 + 241 \\ 612 &:= 2^5 + 4^3 + 9^1 + 22^2 + 23^1 = 25 + 43 + 91 + 222 + 231 \\ 612 &:= 2^5 + 6^2 + 6^2 + 22^2 + 24^1 = 25 + 62 + 62 + 222 + 241 \\ 612 &:= 2^5 + 6^2 + 9^2 + 21^2 + 22^1 = 25 + 62 + 92 + 212 + 221 \\ 612 &:= 2^5 + 6^3 + 7^3 + 20^1 + 25^0 = 25 + 63 + 73 + 201 + 250 \\ 612 &:= 2^5 + 7^2 + 16^2 + 16^2 + 19^1 = 25 + 72 + 162 + 162 + 191 \end{aligned}$$

$$\begin{aligned}
 612 &:= 2^5 + 9^2 + 15^2 + 16^2 + 18^1 = 25 + 92 + 152 + 162 + 181 \\
 612 &:= 2^6 + 10^1 + 11^2 + 17^1 + 20^2 = 26 + 101 + 112 + 171 + 202 \\
 612 &:= 2^6 + 11^1 + 11^2 + 16^1 + 20^2 = 26 + 111 + 112 + 161 + 202 \\
 612 &:= 2^6 + 11^2 + 12^1 + 15^1 + 20^2 = 26 + 112 + 121 + 151 + 202 \\
 612 &:= 2^6 + 11^2 + 13^1 + 14^1 + 20^2 = 26 + 112 + 131 + 141 + 202 \\
 612 &:= 2^6 + 3^1 + 11^2 + 20^2 + 24^1 = 26 + 31 + 112 + 202 + 241 \\
 612 &:= 2^6 + 3^2 + 8^3 + 21^0 + 26^1 = 26 + 32 + 83 + 210 + 261 \\
 612 &:= 2^6 + 4^1 + 11^2 + 20^2 + 23^1 = 26 + 41 + 112 + 202 + 231 \\
 612 &:= 2^6 + 4^2 + 8^3 + 19^1 + 27^0 = 26 + 42 + 83 + 191 + 270 \\
 612 &:= 2^6 + 5^1 + 11^2 + 20^2 + 22^1 = 26 + 51 + 112 + 202 + 221 \\
 612 &:= 2^6 + 5^2 + 9^2 + 21^2 + 23^0 = 26 + 52 + 92 + 212 + 230 \\
 612 &:= 2^6 + 5^3 + 11^0 + 20^2 + 22^1 = 26 + 53 + 110 + 202 + 221 \\
 612 &:= 2^6 + 6^1 + 11^2 + 20^2 + 21^1 = 26 + 61 + 112 + 202 + 211 \\
 612 &:= 2^6 + 6^3 + 7^1 + 18^2 + 27^0 = 26 + 63 + 71 + 182 + 270 \\
 612 &:= 2^6 + 7^1 + 11^2 + 20^1 + 20^2 = 26 + 71 + 112 + 201 + 202 \\
 612 &:= 2^6 + 8^1 + 11^2 + 19^1 + 20^2 = 26 + 81 + 112 + 191 + 202 \\
 612 &:= 2^6 + 9^1 + 11^2 + 18^1 + 20^2 = 26 + 91 + 112 + 181 + 202 \\
 612 &:= 2^7 + 12^2 + 13^0 + 15^1 + 18^2 = 27 + 122 + 130 + 151 + 182 \\
 612 &:= 2^7 + 3^0 + 13^2 + 17^2 + 25^1 = 27 + 30 + 132 + 172 + 251 \\
 612 &:= 2^7 + 4^2 + 7^0 + 21^2 + 26^1 = 27 + 42 + 70 + 212 + 261 \\
 612 &:= 2^7 + 5^2 + 15^0 + 17^1 + 21^2 = 27 + 52 + 150 + 171 + 212 \\
 612 &:= 2^7 + 6^1 + 6^2 + 21^2 + 25^0 = 27 + 61 + 62 + 212 + 250 \\
 612 &:= 2^7 + 7^0 + 10^2 + 19^2 + 22^1 = 27 + 70 + 102 + 192 + 221 \\
 612 &:= 2^7 + 8^2 + 11^0 + 19^1 + 20^2 = 27 + 82 + 110 + 191 + 202 \\
 612 &:= 2^8 + 4^1 + 9^0 + 18^2 + 27^1 = 28 + 41 + 90 + 182 + 271 \\
 612 &:= 2^8 + 5^1 + 9^0 + 18^2 + 26^1 = 28 + 51 + 90 + 182 + 261 \\
 612 &:= 2^8 + 6^1 + 9^0 + 18^2 + 25^1 = 28 + 61 + 90 + 182 + 251 \\
 612 &:= 2^8 + 7^1 + 9^0 + 18^2 + 24^1 = 28 + 71 + 90 + 182 + 241 \\
 612 &:= 2^8 + 7^3 + 11^1 + 13^0 + 27^0 = 28 + 73 + 111 + 130 + 270 \\
 612 &:= 2^8 + 7^3 + 11^1 + 14^0 + 26^0 = 28 + 73 + 111 + 140 + 260 \\
 612 &:= 2^8 + 7^3 + 11^1 + 15^0 + 25^0 = 28 + 73 + 111 + 150 + 250 \\
 612 &:= 2^8 + 7^3 + 11^1 + 16^0 + 24^0 = 28 + 73 + 111 + 160 + 240 \\
 612 &:= 2^8 + 7^3 + 11^1 + 17^0 + 23^0 = 28 + 73 + 111 + 170 + 230
 \end{aligned}$$

$$\begin{aligned}
 612 &:= 2^8 + 7^3 + 11^1 + 18^0 + 22^0 = 28 + 73 + 111 + 180 + 220 \\
 612 &:= 2^8 + 7^3 + 11^1 + 19^0 + 21^0 = 28 + 73 + 111 + 190 + 210 \\
 612 &:= 2^8 + 7^3 + 11^1 + 20^0 + 20^0 = 28 + 73 + 111 + 200 + 200 \\
 612 &:= 2^8 + 8^1 + 9^0 + 18^2 + 23^1 = 28 + 81 + 90 + 182 + 231 \\
 612 &:= 2^8 + 9^0 + 10^1 + 18^2 + 21^1 = 28 + 90 + 101 + 182 + 211 \\
 612 &:= 2^8 + 9^0 + 11^1 + 18^2 + 20^1 = 28 + 90 + 111 + 182 + 201 \\
 612 &:= 2^8 + 9^0 + 12^1 + 18^2 + 19^1 = 28 + 90 + 121 + 182 + 191 \\
 612 &:= 2^8 + 9^0 + 13^1 + 18^1 + 18^2 = 28 + 90 + 131 + 181 + 182 \\
 612 &:= 2^8 + 9^0 + 14^1 + 17^1 + 18^2 = 28 + 90 + 141 + 171 + 182 \\
 612 &:= 2^8 + 9^0 + 15^1 + 16^1 + 18^2 = 28 + 90 + 151 + 161 + 182 \\
 612 &:= 2^8 + 9^0 + 9^1 + 18^2 + 22^1 = 28 + 90 + 91 + 182 + 221 \\
 612 &:= 2^9 + 5^0 + 9^2 + 17^1 + 27^0 = 29 + 50 + 92 + 171 + 270 \\
 612 &:= 2^9 + 6^0 + 9^2 + 17^1 + 26^0 = 29 + 60 + 92 + 171 + 260 \\
 612 &:= 2^9 + 7^0 + 9^2 + 17^1 + 25^0 = 29 + 70 + 92 + 171 + 250 \\
 612 &:= 2^9 + 8^0 + 9^2 + 17^1 + 24^0 = 29 + 80 + 92 + 171 + 240 \\
 612 &:= 2^9 + 9^0 + 9^2 + 17^1 + 23^0 = 29 + 90 + 92 + 171 + 230 \\
 612 &:= 2^9 + 9^2 + 10^0 + 17^1 + 22^0 = 29 + 92 + 100 + 171 + 220 \\
 612 &:= 2^9 + 9^2 + 11^0 + 17^1 + 21^0 = 29 + 92 + 110 + 171 + 210 \\
 612 &:= 2^9 + 9^2 + 12^0 + 17^1 + 20^0 = 29 + 92 + 120 + 171 + 200 \\
 612 &:= 2^9 + 9^2 + 13^0 + 17^1 + 19^0 = 29 + 92 + 130 + 171 + 190 \\
 612 &:= 2^9 + 9^2 + 14^0 + 17^1 + 18^0 = 29 + 92 + 140 + 171 + 180 \\
 612 &:= 2^9 + 9^2 + 15^0 + 17^0 + 17^1 = 29 + 92 + 150 + 170 + 171 \\
 612 &:= 2^9 + 9^2 + 16^0 + 16^0 + 17^1 = 29 + 92 + 160 + 160 + 171 \\
 612 &:= 3^3 + 3^4 + 15^2 + 16^2 + 23^1 = 33 + 34 + 152 + 162 + 231 \\
 612 &:= 3^3 + 3^4 + 6^2 + 21^2 + 27^1 = 33 + 34 + 62 + 212 + 271 \\
 612 &:= 3^4 + 3^4 + 7^2 + 20^2 + 27^0 = 34 + 34 + 72 + 202 + 270 \\
 612 &:= 3^4 + 4^3 + 9^2 + 19^2 + 25^1 = 34 + 43 + 92 + 192 + 251 \\
 612 &:= 3^4 + 6^3 + 12^2 + 12^2 + 27^1 = 34 + 63 + 122 + 122 + 271 \\
 612 &:= 3^5 + 10^2 + 10^2 + 12^2 + 25^1 = 35 + 102 + 102 + 122 + 251 \\
 612 &:= 3^5 + 5^2 + 11^2 + 14^2 + 27^1 = 35 + 52 + 112 + 142 + 271 \\
 612 &:= 3^5 + 5^3 + 6^3 + 19^0 + 27^1 = 35 + 53 + 63 + 190 + 271 \\
 612 &:= 3^5 + 6^2 + 9^2 + 15^2 + 27^1 = 35 + 62 + 92 + 152 + 271
 \end{aligned}$$

2.2.514 Number 613

$$\begin{aligned}
 613 &:= 1^0 + 24^2 + 36^1 = 10 + 242 + 361 & 613 &:= 2^9 + 4^3 + 18^0 + 36^1 = 29 + 43 + 180 + 361 \\
 613 &:= 1^0 + 1^0 + 24^2 + 35^1 = 10 + 10 + 242 + 351 & 613 &:= 2^9 + 6^2 + 8^2 + 44^0 = 29 + 62 + 82 + 440
 \end{aligned}$$

$$\begin{aligned} 613 &:= 1^0 + 1^9 + 13^2 + 21^2 + 24^0 = 10 + 19 + 132 + 212 + 240 & 613 &:= 1^8 + 6^1 + 11^2 + 20^0 + 22^2 = 18 + 61 + 112 + 200 + 222 \\ 613 &:= 1^0 + 1^9 + 9^2 + 23^2 + 26^0 = 10 + 19 + 92 + 232 + 260 & 613 &:= 1^8 + 8^2 + 10^0 + 18^1 + 23^2 = 18 + 82 + 100 + 181 + 232 \\ 613 &:= 1^1 + 1^8 + 13^2 + 21^2 + 24^0 = 11 + 18 + 132 + 212 + 240 & 613 &:= 1^9 + 10^0 + 13^2 + 15^0 + 21^2 = 19 + 100 + 132 + 150 + 212 \\ 613 &:= 1^1 + 1^8 + 9^2 + 23^2 + 26^0 = 11 + 18 + 92 + 232 + 260 & 613 &:= 1^9 + 11^0 + 13^2 + 14^0 + 21^2 = 19 + 110 + 132 + 140 + 212 \\ 613 &:= 1^2 + 1^7 + 13^2 + 21^2 + 24^0 = 12 + 17 + 132 + 212 + 240 & 613 &:= 1^9 + 12^0 + 13^0 + 13^2 + 21^2 = 19 + 120 + 130 + 132 + 212 \\ 613 &:= 1^2 + 1^7 + 9^2 + 23^2 + 26^0 = 12 + 17 + 92 + 232 + 260 & 613 &:= 1^9 + 2^0 + 13^2 + 21^2 + 23^0 = 19 + 20 + 132 + 212 + 230 \\ 613 &:= 1^3 + 1^6 + 13^2 + 21^2 + 24^0 = 13 + 16 + 132 + 212 + 240 & 613 &:= 1^9 + 2^0 + 9^2 + 23^2 + 25^0 = 19 + 20 + 92 + 232 + 250 \\ 613 &:= 1^3 + 1^6 + 9^2 + 23^2 + 26^0 = 13 + 16 + 92 + 232 + 260 & 613 &:= 1^9 + 3^0 + 13^2 + 21^2 + 22^0 = 19 + 30 + 132 + 212 + 220 \\ 613 &:= 1^4 + 1^5 + 13^2 + 21^2 + 24^0 = 14 + 15 + 132 + 212 + 240 & 613 &:= 1^9 + 3^0 + 9^2 + 23^2 + 24^0 = 19 + 30 + 92 + 232 + 240 \\ 613 &:= 1^4 + 1^5 + 9^2 + 23^2 + 26^0 = 14 + 15 + 92 + 232 + 260 & 613 &:= 1^9 + 4^0 + 13^2 + 21^0 + 21^2 = 19 + 40 + 132 + 210 + 212 \\ 613 &:= 1^4 + 2^6 + 16^0 + 18^1 + 23^2 = 14 + 26 + 160 + 181 + 232 & 613 &:= 1^9 + 4^0 + 9^2 + 23^0 + 23^2 = 19 + 40 + 92 + 230 + 232 \\ 613 &:= 1^4 + 3^5 + 7^3 + 24^0 + 25^1 = 14 + 35 + 73 + 240 + 251 & 613 &:= 1^9 + 5^0 + 13^2 + 20^0 + 21^2 = 19 + 50 + 132 + 200 + 212 \\ 613 &:= 1^5 + 3^4 + 13^2 + 19^2 + 24^0 = 15 + 34 + 132 + 192 + 240 & 613 &:= 1^9 + 5^0 + 9^2 + 22^0 + 23^2 = 19 + 50 + 92 + 220 + 232 \\ 613 &:= 1^6 + 2^4 + 14^0 + 19^1 + 24^2 = 16 + 24 + 140 + 191 + 242 & 613 &:= 1^9 + 6^0 + 13^2 + 19^0 + 21^2 = 19 + 60 + 132 + 190 + 212 \\ 613 &:= 1^6 + 3^3 + 10^2 + 22^2 + 24^0 = 16 + 33 + 102 + 222 + 240 & 613 &:= 1^9 + 6^0 + 9^2 + 21^0 + 23^2 = 19 + 60 + 92 + 210 + 232 \\ 613 &:= 1^7 + 2^3 + 6^0 + 24^2 + 27^1 = 17 + 23 + 60 + 242 + 271 & 613 &:= 1^9 + 7^0 + 13^2 + 18^0 + 21^2 = 19 + 70 + 132 + 180 + 212 \\ 613 &:= 1^7 + 3^3 + 8^1 + 24^0 + 24^2 = 17 + 33 + 81 + 240 + 242 & 613 &:= 1^9 + 7^0 + 9^2 + 20^0 + 23^2 = 19 + 70 + 92 + 200 + 232 \\ 613 &:= 1^7 + 3^4 + 10^0 + 23^0 + 23^2 = 17 + 34 + 100 + 230 + 232 & 613 &:= 1^9 + 8^0 + 13^2 + 17^0 + 21^2 = 19 + 80 + 132 + 170 + 212 \\ 613 &:= 1^7 + 3^4 + 11^0 + 22^0 + 23^2 = 17 + 34 + 110 + 220 + 232 & 613 &:= 1^9 + 8^0 + 9^2 + 19^0 + 23^2 = 19 + 80 + 92 + 190 + 232 \\ 613 &:= 1^7 + 3^4 + 12^0 + 21^0 + 23^2 = 17 + 34 + 120 + 210 + 232 & 613 &:= 1^9 + 9^0 + 13^2 + 16^0 + 21^2 = 19 + 90 + 132 + 160 + 212 \\ 613 &:= 1^7 + 3^4 + 13^0 + 20^0 + 23^2 = 17 + 34 + 130 + 200 + 232 & 613 &:= 1^9 + 9^0 + 9^2 + 18^0 + 23^2 = 19 + 90 + 92 + 180 + 232 \\ 613 &:= 1^7 + 3^4 + 14^0 + 19^0 + 23^2 = 17 + 34 + 140 + 190 + 232 & 613 &:= 1^9 + 9^2 + 10^0 + 17^0 + 23^2 = 19 + 92 + 100 + 170 + 232 \\ 613 &:= 1^7 + 3^4 + 15^0 + 18^0 + 23^2 = 17 + 34 + 150 + 180 + 232 & 613 &:= 1^9 + 9^2 + 11^0 + 16^0 + 23^2 = 19 + 92 + 110 + 160 + 232 \\ 613 &:= 1^7 + 3^4 + 16^0 + 17^0 + 23^2 = 17 + 34 + 160 + 170 + 232 & 613 &:= 1^9 + 9^2 + 12^0 + 15^0 + 23^2 = 19 + 92 + 120 + 150 + 232 \\ 613 &:= 1^7 + 3^4 + 6^0 + 23^2 + 27^0 = 17 + 34 + 60 + 232 + 270 & 613 &:= 1^9 + 9^2 + 13^0 + 14^0 + 23^2 = 19 + 92 + 130 + 140 + 232 \\ 613 &:= 1^7 + 3^4 + 7^0 + 23^2 + 26^0 = 17 + 34 + 70 + 232 + 260 & 613 &:= 2^5 + 2^5 + 14^0 + 19^1 + 23^2 = 25 + 25 + 140 + 191 + 232 \\ 613 &:= 1^7 + 3^4 + 8^0 + 23^2 + 25^0 = 17 + 34 + 80 + 232 + 250 & 613 &:= 2^5 + 3^5 + 13^1 + 18^2 + 24^0 = 25 + 35 + 131 + 182 + 240 \\ 613 &:= 1^7 + 3^4 + 9^0 + 23^2 + 24^0 = 17 + 34 + 90 + 232 + 240 & 613 &:= 2^6 + 3^3 + 11^2 + 20^2 + 24^0 = 26 + 33 + 112 + 202 + 240 \\ 613 &:= 1^7 + 4^3 + 14^0 + 18^1 + 23^2 = 17 + 43 + 140 + 181 + 232 & 613 &:= 2^6 + 3^4 + 8^0 + 21^2 + 26^1 = 26 + 34 + 80 + 212 + 261 \\ 613 &:= 1^7 + 5^2 + 15^2 + 19^2 + 20^0 = 17 + 52 + 152 + 192 + 200 & 613 &:= 2^7 + 12^2 + 12^2 + 14^2 + 20^0 = 27 + 122 + 122 + 142 + 200 \\ 613 &:= 1^7 + 7^2 + 11^2 + 20^0 + 21^2 = 17 + 72 + 112 + 200 + 212 & 613 &:= 2^7 + 3^3 + 16^1 + 18^0 + 21^2 = 27 + 33 + 161 + 180 + 212 \\ 613 &:= 1^7 + 7^3 + 12^1 + 16^2 + 24^0 = 17 + 73 + 121 + 162 + 240 & 613 &:= 2^7 + 4^2 + 12^2 + 18^2 + 24^0 = 27 + 42 + 122 + 182 + 240 \\ 613 &:= 1^7 + 8^3 + 9^2 + 18^1 + 24^0 = 17 + 83 + 92 + 181 + 240 & 613 &:= 2^7 + 4^3 + 14^0 + 20^1 + 20^2 = 27 + 43 + 140 + 201 + 202 \\ 613 &:= 1^7 + 9^2 + 13^2 + 18^0 + 19^2 = 17 + 92 + 132 + 180 + 192 & 613 &:= 2^7 + 6^3 + 12^1 + 16^2 + 24^0 = 27 + 63 + 121 + 162 + 240 \\ 613 &:= 1^8 + 10^0 + 14^2 + 15^1 + 20^2 = 18 + 100 + 142 + 151 + 202 & 613 &:= 2^7 + 7^3 + 11^2 + 20^0 + 20^1 = 27 + 73 + 112 + 200 + 201 \\ 613 &:= 1^8 + 3^2 + 6^0 + 24^2 + 26^1 = 18 + 32 + 60 + 242 + 261 & 613 &:= 2^8 + 10^1 + 11^2 + 15^2 + 22^0 = 28 + 101 + 112 + 152 + 220 \\ 613 &:= 1^8 + 4^2 + 12^0 + 19^1 + 24^2 = 18 + 42 + 120 + 191 + 242 & 613 &:= 2^8 + 12^2 + 14^2 + 16^0 + 16^1 = 28 + 122 + 142 + 160 + 161 \\ 613 &:= 1^8 + 5^2 + 10^1 + 20^0 + 24^2 = 18 + 52 + 101 + 200 + 242 & 613 &:= 2^8 + 13^2 + 13^2 + 14^0 + 18^1 = 28 + 132 + 132 + 140 + 181 \end{aligned}$$

$$\begin{aligned}
 613 &:= 2^8 + 3^2 + 14^0 + 18^2 + 23^1 = 28 + 32 + 140 + 182 + 231 \\
 613 &:= 2^8 + 4^2 + 16^1 + 18^2 + 20^0 = 28 + 42 + 161 + 182 + 200 \\
 613 &:= 2^8 + 7^2 + 16^0 + 17^2 + 18^1 = 28 + 72 + 160 + 172 + 181 \\
 613 &:= 2^8 + 9^2 + 14^0 + 16^2 + 19^1 = 28 + 92 + 140 + 162 + 191 \\
 613 &:= 2^9 + 8^2 + 10^1 + 14^0 + 26^1 = 29 + 82 + 101 + 140 + 261 \\
 613 &:= 2^9 + 8^2 + 11^1 + 14^0 + 25^1 = 29 + 82 + 111 + 140 + 251 \\
 613 &:= 2^9 + 8^2 + 12^1 + 14^0 + 24^1 = 29 + 82 + 121 + 140 + 241 \\
 613 &:= 2^9 + 8^2 + 13^1 + 14^0 + 23^1 = 29 + 82 + 131 + 140 + 231 \\
 613 &:= 2^9 + 8^2 + 14^0 + 14^1 + 22^1 = 29 + 82 + 140 + 141 + 221 \\
 613 &:= 2^9 + 8^2 + 14^0 + 15^1 + 21^1 = 29 + 82 + 140 + 151 + 211
 \end{aligned}$$

$$\begin{aligned}
 613 &:= 2^9 + 8^2 + 14^0 + 16^1 + 20^1 = 29 + 82 + 140 + 161 + 201 \\
 613 &:= 2^9 + 8^2 + 14^0 + 17^1 + 19^1 = 29 + 82 + 140 + 171 + 191 \\
 613 &:= 2^9 + 8^2 + 14^0 + 18^1 + 18^1 = 29 + 82 + 140 + 181 + 181 \\
 613 &:= 2^9 + 8^2 + 9^1 + 14^0 + 27^1 = 29 + 82 + 91 + 140 + 271 \\
 613 &:= 3^5 + 3^5 + 10^2 + 18^0 + 26^1 = 35 + 35 + 102 + 180 + 261 \\
 613 &:= 3^5 + 3^5 + 5^3 + 22^0 + 27^0 = 35 + 35 + 53 + 220 + 270 \\
 613 &:= 3^5 + 3^5 + 5^3 + 23^0 + 26^0 = 35 + 35 + 53 + 230 + 260 \\
 613 &:= 3^5 + 3^5 + 5^3 + 24^0 + 25^0 = 35 + 35 + 53 + 240 + 250
 \end{aligned}$$

2.2.515 Number 614

$$\begin{aligned}
 614 &:= 17^2 + 18^2 + 26^0 = 172 + 182 + 260 \\
 614 &:= 1^0 + 6^2 + 24^2 + 30^0 = 10 + 62 + 242 + 300 \\
 614 &:= 1^3 + 2^9 + 10^2 + 47^0 = 13 + 29 + 102 + 470 \\
 614 &:= 1^5 + 2^7 + 22^2 + 35^0 = 15 + 27 + 222 + 350 \\
 614 &:= 1^9 + 2^2 + 24^2 + 33^1 = 19 + 22 + 242 + 331 \\
 614 &:= 1^9 + 8^3 + 10^2 + 41^0 = 19 + 83 + 102 + 410 \\
 614 &:= 2^0 + 6^2 + 24^2 + 29^0 = 20 + 62 + 242 + 290 \\
 614 &:= 2^2 + 2^9 + 7^2 + 49^1 = 22 + 29 + 72 + 491 \\
 614 &:= 2^5 + 2^6 + 22^2 + 34^1 = 25 + 26 + 222 + 341 \\
 614 &:= 2^8 + 4^3 + 16^2 + 38^1 = 28 + 43 + 162 + 381 \\
 614 &:= 2^8 + 6^3 + 10^2 + 42^1 = 28 + 63 + 102 + 421 \\
 614 &:= 2^9 + 3^4 + 20^1 + 35^0 = 29 + 34 + 201 + 350 \\
 614 &:= 3^0 + 6^2 + 24^2 + 28^0 = 30 + 62 + 242 + 280 \\
 614 &:= 4^0 + 6^2 + 24^2 + 27^0 = 40 + 62 + 242 + 270 \\
 614 &:= 5^0 + 6^2 + 24^2 + 26^0 = 50 + 62 + 242 + 260 \\
 614 &:= 6^0 + 6^2 + 24^2 + 25^0 = 60 + 62 + 242 + 250 \\
 614 &:= 6^2 + 10^0 + 21^0 + 24^2 = 62 + 100 + 210 + 242 \\
 614 &:= 6^2 + 11^0 + 20^0 + 24^2 = 62 + 110 + 200 + 242 \\
 614 &:= 6^2 + 12^0 + 19^0 + 24^2 = 62 + 120 + 190 + 242 \\
 614 &:= 6^2 + 13^0 + 18^0 + 24^2 = 62 + 130 + 180 + 242 \\
 614 &:= 6^2 + 14^0 + 17^0 + 24^2 = 62 + 140 + 170 + 242 \\
 614 &:= 6^2 + 15^0 + 16^0 + 24^2 = 62 + 150 + 160 + 242 \\
 614 &:= 6^2 + 7^0 + 24^0 + 24^2 = 62 + 70 + 240 + 242 \\
 614 &:= 6^2 + 8^0 + 23^0 + 24^2 = 62 + 80 + 230 + 242 \\
 614 &:= 6^2 + 9^0 + 22^0 + 24^2 = 62 + 90 + 220 + 242 \\
 614 &:= 1^2 + 2^7 + 13^2 + 17^2 + 27^1 = 12 + 27 + 132 + 172 + 271
 \end{aligned}$$

$$\begin{aligned}
 614 &:= 1^3 + 2^6 + 9^2 + 21^2 + 27^1 = 13 + 26 + 92 + 212 + 271 \\
 614 &:= 1^4 + 2^5 + 14^2 + 19^2 + 24^1 = 14 + 25 + 142 + 192 + 241 \\
 614 &:= 1^4 + 2^6 + 8^2 + 22^2 + 27^0 = 14 + 26 + 82 + 222 + 270 \\
 614 &:= 1^5 + 2^5 + 16^2 + 18^2 + 23^0 = 15 + 25 + 162 + 182 + 230 \\
 614 &:= 1^5 + 2^6 + 15^0 + 19^1 + 23^2 = 15 + 26 + 150 + 191 + 232 \\
 614 &:= 1^5 + 3^4 + 8^2 + 21^2 + 27^1 = 15 + 34 + 82 + 212 + 271 \\
 614 &:= 1^5 + 3^5 + 7^3 + 23^0 + 26^1 = 15 + 35 + 73 + 230 + 261 \\
 614 &:= 1^6 + 2^3 + 7^2 + 23^2 + 27^1 = 16 + 23 + 72 + 232 + 271 \\
 614 &:= 1^6 + 2^4 + 14^2 + 20^2 + 23^0 = 16 + 24 + 142 + 202 + 230 \\
 614 &:= 1^6 + 3^3 + 11^2 + 21^2 + 24^1 = 16 + 33 + 112 + 212 + 241 \\
 614 &:= 1^6 + 6^3 + 9^2 + 17^2 + 27^1 = 16 + 63 + 92 + 172 + 271 \\
 614 &:= 1^7 + 12^2 + 14^2 + 16^2 + 17^1 = 17 + 122 + 142 + 162 + 171 \\
 614 &:= 1^7 + 2^2 + 10^2 + 22^2 + 25^1 = 17 + 22 + 102 + 222 + 251 \\
 614 &:= 1^7 + 2^2 + 12^2 + 21^2 + 24^1 = 17 + 22 + 122 + 212 + 241 \\
 614 &:= 1^7 + 2^2 + 15^2 + 19^2 + 23^1 = 17 + 22 + 152 + 192 + 231 \\
 614 &:= 1^7 + 2^4 + 13^0 + 20^1 + 24^2 = 17 + 24 + 130 + 201 + 242 \\
 614 &:= 1^7 + 3^2 + 7^2 + 23^2 + 26^1 = 17 + 32 + 72 + 232 + 261 \\
 614 &:= 1^7 + 3^3 + 12^2 + 21^2 + 23^0 = 17 + 33 + 122 + 212 + 230 \\
 614 &:= 1^7 + 4^3 + 8^2 + 22^2 + 25^0 = 17 + 43 + 82 + 222 + 250 \\
 614 &:= 1^7 + 5^2 + 9^2 + 22^2 + 23^1 = 17 + 52 + 92 + 222 + 231 \\
 614 &:= 1^7 + 6^2 + 14^2 + 19^2 + 20^1 = 17 + 62 + 142 + 192 + 201 \\
 614 &:= 1^7 + 7^2 + 12^2 + 20^1 + 20^2 = 17 + 72 + 122 + 201 + 202 \\
 614 &:= 1^7 + 7^2 + 16^2 + 17^2 + 19^1 = 17 + 72 + 162 + 172 + 191 \\
 614 &:= 1^7 + 8^2 + 13^2 + 19^1 + 19^2 = 17 + 82 + 132 + 191 + 192 \\
 614 &:= 1^7 + 9^2 + 15^2 + 17^2 + 18^1 = 17 + 92 + 152 + 172 + 181 \\
 614 &:= 1^8 + 10^2 + 16^2 + 16^2 + 17^0 = 18 + 102 + 162 + 162 + 170
 \end{aligned}$$

$$\begin{aligned} 614 &:= 1^8 + 12^2 + 12^2 + 17^0 + 18^2 = 18 + 122 + 122 + 170 + 182 \\ 614 &:= 1^8 + 2^2 + 10^1 + 23^1 + 24^2 = 18 + 22 + 101 + 231 + 242 \\ 614 &:= 1^8 + 2^2 + 11^1 + 22^1 + 24^2 = 18 + 22 + 111 + 221 + 242 \\ 614 &:= 1^8 + 2^2 + 12^1 + 21^1 + 24^2 = 18 + 22 + 121 + 211 + 242 \\ 614 &:= 1^8 + 2^2 + 13^1 + 20^1 + 24^2 = 18 + 22 + 131 + 201 + 242 \\ 614 &:= 1^8 + 2^2 + 14^1 + 19^1 + 24^2 = 18 + 22 + 141 + 191 + 242 \\ 614 &:= 1^8 + 2^2 + 15^1 + 18^1 + 24^2 = 18 + 22 + 151 + 181 + 242 \\ 614 &:= 1^8 + 2^2 + 16^1 + 17^1 + 24^2 = 18 + 22 + 161 + 171 + 242 \\ 614 &:= 1^8 + 2^2 + 6^1 + 24^2 + 27^1 = 18 + 22 + 61 + 242 + 271 \\ 614 &:= 1^8 + 2^2 + 7^1 + 24^2 + 26^1 = 18 + 22 + 71 + 242 + 261 \\ 614 &:= 1^8 + 2^2 + 8^1 + 24^2 + 25^1 = 18 + 22 + 81 + 242 + 251 \\ 614 &:= 1^8 + 2^2 + 9^1 + 24^1 + 24^2 = 18 + 22 + 91 + 241 + 242 \\ 614 &:= 1^8 + 3^3 + 9^1 + 23^0 + 24^2 = 18 + 33 + 91 + 230 + 242 \\ 614 &:= 1^8 + 4^2 + 14^2 + 20^2 + 21^0 = 18 + 42 + 142 + 202 + 210 \\ 614 &:= 1^8 + 4^3 + 13^0 + 19^1 + 23^2 = 18 + 43 + 130 + 191 + 232 \\ 614 &:= 1^8 + 7^3 + 13^1 + 16^2 + 23^0 = 18 + 73 + 131 + 162 + 230 \\ 614 &:= 1^8 + 8^2 + 8^2 + 21^0 + 22^2 = 18 + 82 + 82 + 210 + 222 \\ 614 &:= 1^8 + 8^3 + 9^2 + 19^1 + 23^0 = 18 + 83 + 92 + 191 + 230 \\ 614 &:= 1^9 + 2^1 + 13^2 + 21^2 + 23^0 = 19 + 21 + 132 + 212 + 230 \\ 614 &:= 1^9 + 2^1 + 9^2 + 23^2 + 25^0 = 19 + 21 + 92 + 232 + 250 \\ 614 &:= 1^9 + 3^2 + 5^0 + 24^2 + 27^1 = 19 + 32 + 50 + 242 + 271 \\ 614 &:= 1^9 + 4^2 + 11^0 + 20^1 + 24^2 = 19 + 42 + 110 + 201 + 242 \\ 614 &:= 1^9 + 5^2 + 11^1 + 19^0 + 24^2 = 19 + 52 + 111 + 190 + 242 \\ 614 &:= 1^9 + 7^1 + 11^2 + 19^0 + 22^2 = 19 + 71 + 112 + 190 + 222 \\ 614 &:= 1^9 + 8^2 + 9^0 + 19^1 + 23^2 = 19 + 82 + 90 + 191 + 232 \\ 614 &:= 1^9 + 9^0 + 14^2 + 16^1 + 20^2 = 19 + 90 + 142 + 161 + 202 \\ 614 &:= 2^3 + 2^8 + 13^0 + 18^2 + 25^1 = 23 + 28 + 130 + 182 + 251 \\ 614 &:= 2^4 + 2^5 + 10^2 + 21^2 + 25^1 = 24 + 25 + 102 + 212 + 251 \\ 614 &:= 2^4 + 2^6 + 7^2 + 22^2 + 27^0 = 24 + 26 + 72 + 222 + 270 \\ 614 &:= 2^4 + 2^6 + 8^3 + 21^1 + 27^0 = 24 + 26 + 83 + 211 + 270 \\ 614 &:= 2^5 + 2^5 + 15^2 + 18^2 + 23^0 = 25 + 25 + 152 + 182 + 230 \\ 614 &:= 2^6 + 2^6 + 10^0 + 22^2 + 24^0 = 26 + 26 + 100 + 222 + 240 \\ 614 &:= 2^6 + 2^6 + 11^0 + 22^2 + 23^0 = 26 + 26 + 110 + 222 + 230 \\ 614 &:= 2^6 + 2^6 + 12^0 + 22^0 + 22^2 = 26 + 26 + 120 + 220 + 222 \\ 614 &:= 2^6 + 2^6 + 13^0 + 21^0 + 22^2 = 26 + 26 + 130 + 210 + 222 \\ 614 &:= 2^6 + 2^6 + 14^0 + 20^0 + 22^2 = 26 + 26 + 140 + 200 + 222 \\ 614 &:= 2^6 + 2^6 + 15^0 + 19^0 + 22^2 = 26 + 26 + 150 + 190 + 222 \\ 614 &:= 2^6 + 2^6 + 16^0 + 18^0 + 22^2 = 26 + 26 + 160 + 180 + 222 \end{aligned}$$

$$\begin{aligned} 614 &:= 2^6 + 2^6 + 17^0 + 17^0 + 22^2 = 26 + 26 + 170 + 170 + 222 \\ 614 &:= 2^6 + 2^6 + 7^0 + 22^2 + 27^0 = 26 + 26 + 70 + 222 + 270 \\ 614 &:= 2^6 + 2^6 + 8^0 + 22^2 + 26^0 = 26 + 26 + 80 + 222 + 260 \\ 614 &:= 2^6 + 2^6 + 9^0 + 22^2 + 25^0 = 26 + 26 + 90 + 222 + 250 \\ 614 &:= 2^6 + 3^4 + 12^2 + 18^2 + 25^0 = 26 + 34 + 122 + 182 + 250 \\ 614 &:= 2^6 + 3^5 + 17^1 + 17^2 + 21^0 = 26 + 35 + 171 + 172 + 210 \\ 614 &:= 2^6 + 4^3 + 10^2 + 19^2 + 25^1 = 26 + 43 + 102 + 192 + 251 \\ 614 &:= 2^6 + 4^4 + 11^1 + 16^2 + 27^1 = 26 + 44 + 111 + 162 + 271 \\ 614 &:= 2^6 + 4^4 + 12^1 + 16^2 + 26^1 = 26 + 44 + 121 + 162 + 261 \\ 614 &:= 2^6 + 4^4 + 13^1 + 16^2 + 25^1 = 26 + 44 + 131 + 162 + 251 \\ 614 &:= 2^6 + 4^4 + 14^1 + 16^2 + 24^1 = 26 + 44 + 141 + 162 + 241 \\ 614 &:= 2^6 + 4^4 + 15^1 + 16^2 + 23^1 = 26 + 44 + 151 + 162 + 231 \\ 614 &:= 2^6 + 4^4 + 16^1 + 16^2 + 22^1 = 26 + 44 + 161 + 162 + 221 \\ 614 &:= 2^6 + 4^4 + 16^2 + 17^1 + 21^1 = 26 + 44 + 162 + 171 + 211 \\ 614 &:= 2^6 + 4^4 + 16^2 + 18^1 + 20^1 = 26 + 44 + 162 + 181 + 201 \\ 614 &:= 2^6 + 4^4 + 16^2 + 19^1 + 19^1 = 26 + 44 + 162 + 191 + 191 \\ 614 &:= 2^6 + 5^3 + 12^2 + 16^2 + 25^1 = 26 + 53 + 122 + 162 + 251 \\ 614 &:= 2^7 + 10^2 + 13^2 + 14^2 + 21^1 = 27 + 102 + 132 + 142 + 211 \\ 614 &:= 2^7 + 3^2 + 14^2 + 16^2 + 25^1 = 27 + 32 + 142 + 162 + 251 \\ 614 &:= 2^7 + 3^3 + 13^2 + 17^2 + 25^0 = 27 + 33 + 132 + 172 + 250 \\ 614 &:= 2^7 + 4^2 + 11^2 + 18^2 + 25^1 = 27 + 42 + 112 + 182 + 251 \\ 614 &:= 2^7 + 4^3 + 14^2 + 15^2 + 25^0 = 27 + 43 + 142 + 152 + 250 \\ 614 &:= 2^7 + 6^2 + 8^2 + 19^2 + 25^1 = 27 + 62 + 82 + 192 + 251 \\ 614 &:= 2^7 + 8^2 + 12^2 + 16^2 + 22^1 = 27 + 82 + 122 + 162 + 221 \\ 614 &:= 2^8 + 10^1 + 10^2 + 15^2 + 23^1 = 28 + 101 + 102 + 152 + 231 \\ 614 &:= 2^8 + 10^2 + 11^1 + 15^2 + 22^1 = 28 + 102 + 111 + 152 + 221 \\ 614 &:= 2^8 + 10^2 + 12^1 + 15^2 + 21^1 = 28 + 102 + 121 + 152 + 211 \\ 614 &:= 2^8 + 10^2 + 13^1 + 15^2 + 20^1 = 28 + 102 + 131 + 152 + 201 \\ 614 &:= 2^8 + 10^2 + 14^1 + 15^2 + 19^1 = 28 + 102 + 141 + 152 + 191 \\ 614 &:= 2^8 + 10^2 + 15^1 + 15^2 + 18^1 = 28 + 102 + 151 + 152 + 181 \\ 614 &:= 2^8 + 10^2 + 15^2 + 16^1 + 17^1 = 28 + 102 + 152 + 161 + 171 \\ 614 &:= 2^8 + 4^4 + 10^2 + 17^0 + 27^0 = 28 + 44 + 102 + 170 + 270 \\ 614 &:= 2^8 + 4^4 + 10^2 + 18^0 + 26^0 = 28 + 44 + 102 + 180 + 260 \\ 614 &:= 2^8 + 4^4 + 10^2 + 19^0 + 25^0 = 28 + 44 + 102 + 190 + 250 \\ 614 &:= 2^8 + 4^4 + 10^2 + 20^0 + 24^0 = 28 + 44 + 102 + 200 + 240 \\ 614 &:= 2^8 + 4^4 + 10^2 + 21^0 + 23^0 = 28 + 44 + 102 + 210 + 230 \\ 614 &:= 2^8 + 4^4 + 10^2 + 22^0 + 22^0 = 28 + 44 + 102 + 220 + 220 \\ 614 &:= 2^8 + 6^1 + 10^2 + 15^2 + 27^1 = 28 + 61 + 102 + 152 + 271 \end{aligned}$$

$$\begin{aligned}
 614 &:= 2^8 + 6^3 + 11^2 + 20^1 + 21^0 = 28 + 63 + 112 + 201 + 210 \\
 614 &:= 2^8 + 7^1 + 10^2 + 15^2 + 26^1 = 28 + 71 + 102 + 152 + 261 \\
 614 &:= 2^8 + 8^1 + 10^2 + 15^2 + 25^1 = 28 + 81 + 102 + 152 + 251 \\
 614 &:= 2^8 + 9^1 + 10^2 + 15^2 + 24^1 = 28 + 91 + 102 + 152 + 241 \\
 614 &:= 2^9 + 3^4 + 10^0 + 19^1 + 26^0 = 29 + 34 + 100 + 191 + 260 \\
 614 &:= 2^9 + 3^4 + 11^0 + 19^1 + 25^0 = 29 + 34 + 110 + 191 + 250 \\
 614 &:= 2^9 + 3^4 + 12^0 + 19^1 + 24^0 = 29 + 34 + 120 + 191 + 240 \\
 614 &:= 2^9 + 3^4 + 13^0 + 19^1 + 23^0 = 29 + 34 + 130 + 191 + 230 \\
 614 &:= 2^9 + 3^4 + 14^0 + 19^1 + 22^0 = 29 + 34 + 140 + 191 + 220 \\
 614 &:= 2^9 + 3^4 + 15^0 + 19^1 + 21^0 = 29 + 34 + 150 + 191 + 210 \\
 614 &:= 2^9 + 3^4 + 16^0 + 19^1 + 20^0 = 29 + 34 + 160 + 191 + 200 \\
 614 &:= 2^9 + 3^4 + 17^0 + 19^0 + 19^1 = 29 + 34 + 170 + 190 + 191 \\
 614 &:= 2^9 + 3^4 + 18^0 + 18^0 + 19^1 = 29 + 34 + 180 + 180 + 191 \\
 614 &:= 2^9 + 3^4 + 9^0 + 19^1 + 27^0 = 29 + 34 + 90 + 191 + 270 \\
 614 &:= 2^9 + 4^2 + 8^2 + 21^1 + 25^0 = 29 + 42 + 82 + 211 + 250
 \end{aligned}$$

$$\begin{aligned}
 614 &:= 2^9 + 4^3 + 10^1 + 17^0 + 27^1 = 29 + 43 + 101 + 170 + 271 \\
 614 &:= 2^9 + 4^3 + 11^1 + 17^0 + 26^1 = 29 + 43 + 111 + 170 + 261 \\
 614 &:= 2^9 + 4^3 + 12^1 + 17^0 + 25^1 = 29 + 43 + 121 + 170 + 251 \\
 614 &:= 2^9 + 4^3 + 13^1 + 17^0 + 24^1 = 29 + 43 + 131 + 170 + 241 \\
 614 &:= 2^9 + 4^3 + 14^1 + 17^0 + 23^1 = 29 + 43 + 141 + 170 + 231 \\
 614 &:= 2^9 + 4^3 + 15^1 + 17^0 + 22^1 = 29 + 43 + 151 + 170 + 221 \\
 614 &:= 2^9 + 4^3 + 16^1 + 17^0 + 21^1 = 29 + 43 + 161 + 170 + 211 \\
 614 &:= 2^9 + 4^3 + 17^0 + 17^1 + 20^1 = 29 + 43 + 170 + 171 + 201 \\
 614 &:= 2^9 + 4^3 + 17^0 + 18^1 + 19^1 = 29 + 43 + 170 + 181 + 191 \\
 614 &:= 2^9 + 4^3 + 6^2 + 21^0 + 27^0 = 29 + 43 + 62 + 210 + 270 \\
 614 &:= 2^9 + 4^3 + 6^2 + 22^0 + 26^0 = 29 + 43 + 62 + 220 + 260 \\
 614 &:= 2^9 + 4^3 + 6^2 + 23^0 + 25^0 = 29 + 43 + 62 + 230 + 250 \\
 614 &:= 2^9 + 4^3 + 6^2 + 24^0 + 24^0 = 29 + 43 + 62 + 240 + 240 \\
 614 &:= 2^9 + 5^2 + 7^2 + 19^0 + 27^1 = 29 + 52 + 72 + 190 + 271
 \end{aligned}$$

2.2.516 Number 615

$$\begin{aligned}
 615 &:= 2^2 + 24^2 + 35^1 = 22 + 242 + 351 \\
 615 &:= 1^0 + 2^2 + 24^2 + 34^1 = 10 + 22 + 242 + 341 \\
 615 &:= 1^1 + 17^2 + 18^2 + 25^0 = 11 + 172 + 182 + 250 \\
 615 &:= 2^1 + 6^2 + 24^2 + 29^0 = 21 + 62 + 242 + 290 \\
 615 &:= 3^2 + 5^0 + 24^2 + 29^1 = 32 + 50 + 242 + 291 \\
 615 &:= 4^1 + 13^2 + 21^2 + 23^0 = 41 + 132 + 212 + 230 \\
 615 &:= 4^1 + 9^2 + 23^2 + 25^0 = 41 + 92 + 232 + 250 \\
 615 &:= 4^2 + 11^0 + 22^1 + 24^2 = 42 + 110 + 221 + 242 \\
 615 &:= 5^2 + 13^1 + 19^0 + 24^2 = 52 + 131 + 190 + 242 \\
 615 &:= 8^2 + 9^0 + 21^1 + 23^2 = 82 + 90 + 211 + 232 \\
 615 &:= 9^0 + 14^2 + 18^1 + 20^2 = 90 + 142 + 181 + 202 \\
 615 &:= 9^1 + 11^2 + 19^0 + 22^2 = 91 + 112 + 190 + 222 \\
 615 &:= 1^0 + 3^1 + 13^2 + 21^2 + 23^0 = 10 + 31 + 132 + 212 + 230 \\
 615 &:= 1^0 + 3^1 + 9^2 + 23^2 + 25^0 = 10 + 31 + 92 + 232 + 250 \\
 615 &:= 1^0 + 4^2 + 11^0 + 21^1 + 24^2 = 10 + 42 + 110 + 211 + 242 \\
 615 &:= 1^0 + 5^2 + 12^1 + 19^0 + 24^2 = 10 + 52 + 121 + 190 + 242 \\
 615 &:= 1^0 + 8^1 + 11^2 + 19^0 + 22^2 = 10 + 81 + 112 + 190 + 222 \\
 615 &:= 1^0 + 8^2 + 9^0 + 20^1 + 23^2 = 10 + 82 + 90 + 201 + 232 \\
 615 &:= 1^0 + 8^3 + 10^2 + 15^0 + 27^0 = 10 + 83 + 102 + 150 + 270 \\
 615 &:= 1^0 + 8^3 + 10^2 + 16^0 + 26^0 = 10 + 83 + 102 + 160 + 260
 \end{aligned}$$

$$\begin{aligned}
 615 &:= 1^0 + 8^3 + 10^2 + 17^0 + 25^0 = 10 + 83 + 102 + 170 + 250 \\
 615 &:= 1^0 + 8^3 + 10^2 + 18^0 + 24^0 = 10 + 83 + 102 + 180 + 240 \\
 615 &:= 1^0 + 8^3 + 10^2 + 19^0 + 23^0 = 10 + 83 + 102 + 190 + 230 \\
 615 &:= 1^0 + 8^3 + 10^2 + 20^0 + 22^0 = 10 + 83 + 102 + 200 + 220 \\
 615 &:= 1^0 + 8^3 + 10^2 + 21^0 + 21^0 = 10 + 83 + 102 + 210 + 210 \\
 615 &:= 1^0 + 9^0 + 14^2 + 17^1 + 20^2 = 10 + 90 + 142 + 171 + 202 \\
 615 &:= 1^1 + 3^0 + 6^2 + 24^2 + 27^0 = 11 + 30 + 62 + 242 + 270 \\
 615 &:= 1^1 + 4^0 + 6^2 + 24^2 + 26^0 = 11 + 40 + 62 + 242 + 260 \\
 615 &:= 1^1 + 5^0 + 6^2 + 24^2 + 25^0 = 11 + 50 + 62 + 242 + 250 \\
 615 &:= 1^1 + 6^0 + 6^2 + 24^0 + 24^2 = 11 + 60 + 62 + 240 + 242 \\
 615 &:= 1^1 + 6^2 + 10^0 + 20^0 + 24^2 = 11 + 62 + 100 + 200 + 242 \\
 615 &:= 1^1 + 6^2 + 11^0 + 19^0 + 24^2 = 11 + 62 + 110 + 190 + 242 \\
 615 &:= 1^1 + 6^2 + 12^0 + 18^0 + 24^2 = 11 + 62 + 120 + 180 + 242 \\
 615 &:= 1^1 + 6^2 + 13^0 + 17^0 + 24^2 = 11 + 62 + 130 + 170 + 242 \\
 615 &:= 1^1 + 6^2 + 14^0 + 16^0 + 24^2 = 11 + 62 + 140 + 160 + 242 \\
 615 &:= 1^1 + 6^2 + 15^0 + 15^0 + 24^2 = 11 + 62 + 150 + 150 + 242 \\
 615 &:= 1^1 + 6^2 + 7^0 + 23^0 + 24^2 = 11 + 62 + 70 + 230 + 242 \\
 615 &:= 1^1 + 6^2 + 8^0 + 22^0 + 24^2 = 11 + 62 + 80 + 220 + 242 \\
 615 &:= 1^1 + 6^2 + 9^0 + 21^0 + 24^2 = 11 + 62 + 90 + 210 + 242 \\
 615 &:= 1^4 + 2^7 + 14^2 + 17^2 + 26^0 = 14 + 27 + 142 + 172 + 260
 \end{aligned}$$

$$\begin{aligned} 615 &:= 1^4 + 2^9 + 10^2 + 20^0 + 27^0 = 14 + 29 + 102 + 200 + 270 \\ 615 &:= 1^4 + 2^9 + 10^2 + 21^0 + 26^0 = 14 + 29 + 102 + 210 + 260 \\ 615 &:= 1^4 + 2^9 + 10^2 + 22^0 + 25^0 = 14 + 29 + 102 + 220 + 250 \\ 615 &:= 1^4 + 2^9 + 10^2 + 23^0 + 24^0 = 14 + 29 + 102 + 230 + 240 \\ 615 &:= 1^5 + 2^6 + 15^2 + 18^2 + 24^0 = 15 + 26 + 152 + 182 + 240 \\ 615 &:= 1^6 + 2^6 + 14^0 + 20^1 + 23^2 = 16 + 26 + 140 + 201 + 232 \\ 615 &:= 1^6 + 2^7 + 10^0 + 22^2 + 25^0 = 16 + 27 + 100 + 222 + 250 \\ 615 &:= 1^6 + 2^7 + 11^0 + 22^2 + 24^0 = 16 + 27 + 110 + 222 + 240 \\ 615 &:= 1^6 + 2^7 + 12^0 + 22^2 + 23^0 = 16 + 27 + 120 + 222 + 230 \\ 615 &:= 1^6 + 2^7 + 13^0 + 22^0 + 22^2 = 16 + 27 + 130 + 220 + 222 \\ 615 &:= 1^6 + 2^7 + 14^0 + 21^0 + 22^2 = 16 + 27 + 140 + 210 + 222 \\ 615 &:= 1^6 + 2^7 + 15^0 + 20^0 + 22^2 = 16 + 27 + 150 + 200 + 222 \\ 615 &:= 1^6 + 2^7 + 16^0 + 19^0 + 22^2 = 16 + 27 + 160 + 190 + 222 \\ 615 &:= 1^6 + 2^7 + 17^0 + 18^0 + 22^2 = 16 + 27 + 170 + 180 + 222 \\ 615 &:= 1^6 + 2^7 + 8^0 + 22^2 + 27^0 = 16 + 27 + 80 + 222 + 270 \\ 615 &:= 1^6 + 2^7 + 9^0 + 22^2 + 26^0 = 16 + 27 + 90 + 222 + 260 \\ 615 &:= 1^6 + 3^5 + 7^3 + 22^0 + 27^1 = 16 + 35 + 73 + 220 + 271 \\ 615 &:= 1^8 + 2^3 + 11^2 + 22^2 + 24^0 = 18 + 23 + 112 + 222 + 240 \\ 615 &:= 1^8 + 2^4 + 12^0 + 21^1 + 24^2 = 18 + 24 + 120 + 211 + 242 \\ 615 &:= 1^8 + 3^3 + 15^2 + 19^2 + 22^0 = 18 + 33 + 152 + 192 + 220 \\ 615 &:= 1^8 + 4^3 + 15^2 + 18^2 + 22^0 = 18 + 43 + 152 + 182 + 220 \\ 615 &:= 1^9 + 3^3 + 10^1 + 22^0 + 24^2 = 19 + 33 + 101 + 220 + 242 \\ 615 &:= 1^9 + 4^3 + 12^0 + 20^1 + 23^2 = 19 + 43 + 120 + 201 + 232 \\ 615 &:= 1^9 + 7^3 + 14^1 + 16^2 + 22^0 = 19 + 73 + 141 + 162 + 220 \\ 615 &:= 1^9 + 8^2 + 15^2 + 18^0 + 18^2 = 19 + 82 + 152 + 180 + 182 \\ 615 &:= 1^9 + 8^3 + 9^2 + 20^1 + 22^0 = 19 + 83 + 92 + 201 + 220 \\ 615 &:= 2^0 + 3^1 + 13^2 + 21^2 + 22^0 = 20 + 31 + 132 + 212 + 220 \\ 615 &:= 2^0 + 3^1 + 9^2 + 23^2 + 24^0 = 20 + 31 + 92 + 232 + 240 \\ 615 &:= 2^0 + 4^2 + 10^0 + 21^1 + 24^2 = 20 + 42 + 100 + 211 + 242 \\ 615 &:= 2^0 + 5^2 + 12^1 + 18^0 + 24^2 = 20 + 52 + 121 + 180 + 242 \\ 615 &:= 2^0 + 8^0 + 14^2 + 17^1 + 20^2 = 20 + 80 + 142 + 171 + 202 \\ 615 &:= 2^0 + 8^0 + 8^2 + 20^1 + 23^2 = 20 + 80 + 82 + 201 + 232 \\ 615 &:= 2^0 + 8^1 + 11^2 + 18^0 + 22^2 = 20 + 81 + 112 + 180 + 222 \\ 615 &:= 2^0 + 8^3 + 10^2 + 14^0 + 27^0 = 20 + 83 + 102 + 140 + 270 \\ 615 &:= 2^0 + 8^3 + 10^2 + 15^0 + 26^0 = 20 + 83 + 102 + 150 + 260 \\ 615 &:= 2^0 + 8^3 + 10^2 + 16^0 + 25^0 = 20 + 83 + 102 + 160 + 250 \\ 615 &:= 2^0 + 8^3 + 10^2 + 17^0 + 24^0 = 20 + 83 + 102 + 170 + 240 \\ 615 &:= 2^0 + 8^3 + 10^2 + 18^0 + 23^0 = 20 + 83 + 102 + 180 + 230 \end{aligned}$$

$$\begin{aligned} 615 &:= 2^0 + 8^3 + 10^2 + 19^0 + 22^0 = 20 + 83 + 102 + 190 + 220 \\ 615 &:= 2^0 + 8^3 + 10^2 + 20^0 + 21^0 = 20 + 83 + 102 + 200 + 210 \\ 615 &:= 2^4 + 2^8 + 18^1 + 18^2 + 20^0 = 24 + 28 + 181 + 182 + 200 \\ 615 &:= 2^5 + 2^7 + 13^1 + 21^2 + 22^0 = 25 + 27 + 131 + 212 + 220 \\ 615 &:= 2^7 + 3^5 + 15^2 + 18^1 + 22^0 = 27 + 35 + 152 + 181 + 220 \\ 615 &:= 2^8 + 3^4 + 16^2 + 18^0 + 21^1 = 28 + 34 + 162 + 180 + 211 \\ 615 &:= 2^8 + 4^4 + 9^2 + 21^1 + 24^0 = 28 + 44 + 92 + 211 + 240 \\ 615 &:= 2^9 + 3^3 + 7^2 + 22^0 + 26^1 = 29 + 33 + 72 + 220 + 261 \\ 615 &:= 3^0 + 3^1 + 13^2 + 21^0 + 21^2 = 30 + 31 + 132 + 210 + 212 \\ 615 &:= 3^0 + 3^1 + 9^2 + 23^0 + 23^2 = 30 + 31 + 92 + 230 + 232 \\ 615 &:= 3^0 + 4^2 + 9^0 + 21^1 + 24^2 = 30 + 42 + 90 + 211 + 242 \\ 615 &:= 3^0 + 5^2 + 12^1 + 17^0 + 24^2 = 30 + 52 + 121 + 170 + 242 \\ 615 &:= 3^0 + 7^0 + 14^2 + 17^1 + 20^2 = 30 + 70 + 142 + 171 + 202 \\ 615 &:= 3^0 + 7^0 + 8^2 + 20^1 + 23^2 = 30 + 70 + 82 + 201 + 232 \\ 615 &:= 3^0 + 8^1 + 11^2 + 17^0 + 22^2 = 30 + 81 + 112 + 170 + 222 \\ 615 &:= 3^0 + 8^3 + 10^2 + 13^0 + 27^0 = 30 + 83 + 102 + 130 + 270 \\ 615 &:= 3^0 + 8^3 + 10^2 + 14^0 + 26^0 = 30 + 83 + 102 + 140 + 260 \\ 615 &:= 3^0 + 8^3 + 10^2 + 15^0 + 25^0 = 30 + 83 + 102 + 150 + 250 \\ 615 &:= 3^0 + 8^3 + 10^2 + 16^0 + 24^0 = 30 + 83 + 102 + 160 + 240 \\ 615 &:= 3^0 + 8^3 + 10^2 + 17^0 + 23^0 = 30 + 83 + 102 + 170 + 230 \\ 615 &:= 3^0 + 8^3 + 10^2 + 18^0 + 22^0 = 30 + 83 + 102 + 180 + 220 \\ 615 &:= 3^0 + 8^3 + 10^2 + 19^0 + 21^0 = 30 + 83 + 102 + 190 + 210 \\ 615 &:= 3^0 + 8^3 + 10^2 + 20^0 + 20^0 = 30 + 83 + 102 + 200 + 200 \\ 615 &:= 3^1 + 10^0 + 13^2 + 14^0 + 21^2 = 31 + 100 + 132 + 140 + 212 \\ 615 &:= 3^1 + 11^0 + 13^0 + 13^2 + 21^2 = 31 + 110 + 130 + 132 + 212 \\ 615 &:= 3^1 + 12^0 + 12^0 + 13^2 + 21^2 = 31 + 120 + 120 + 132 + 212 \\ 615 &:= 3^1 + 4^0 + 13^2 + 20^0 + 21^2 = 31 + 40 + 132 + 200 + 212 \\ 615 &:= 3^1 + 4^0 + 9^2 + 22^0 + 23^2 = 31 + 40 + 92 + 220 + 232 \\ 615 &:= 3^1 + 5^0 + 13^2 + 19^0 + 21^2 = 31 + 50 + 132 + 190 + 212 \\ 615 &:= 3^1 + 5^0 + 9^2 + 21^0 + 23^2 = 31 + 50 + 92 + 210 + 232 \\ 615 &:= 3^1 + 6^0 + 13^2 + 18^0 + 21^2 = 31 + 60 + 132 + 180 + 212 \\ 615 &:= 3^1 + 6^0 + 9^2 + 20^0 + 23^2 = 31 + 60 + 92 + 200 + 232 \\ 615 &:= 3^1 + 7^0 + 13^2 + 17^0 + 21^2 = 31 + 70 + 132 + 170 + 212 \\ 615 &:= 3^1 + 7^0 + 9^2 + 19^0 + 23^2 = 31 + 70 + 92 + 190 + 232 \\ 615 &:= 3^1 + 8^0 + 13^2 + 16^0 + 21^2 = 31 + 80 + 132 + 160 + 212 \\ 615 &:= 3^1 + 8^0 + 9^2 + 18^0 + 23^2 = 31 + 80 + 92 + 180 + 232 \\ 615 &:= 3^1 + 9^0 + 13^2 + 15^0 + 21^2 = 31 + 90 + 132 + 150 + 212 \\ 615 &:= 3^1 + 9^0 + 9^2 + 17^0 + 23^2 = 31 + 90 + 92 + 170 + 232 \end{aligned}$$

$$\begin{aligned} 615 &:= 3^1 + 9^2 + 10^0 + 16^0 + 23^2 = 31 + 92 + 100 + 160 + 232 \\ 615 &:= 3^1 + 9^2 + 11^0 + 15^0 + 23^2 = 31 + 92 + 110 + 150 + 232 \\ 615 &:= 3^1 + 9^2 + 12^0 + 14^0 + 23^2 = 31 + 92 + 120 + 140 + 232 \\ 615 &:= 3^1 + 9^2 + 13^0 + 13^0 + 23^2 = 31 + 92 + 130 + 130 + 232 \\ 615 &:= 4^0 + 4^2 + 8^0 + 21^1 + 24^2 = 40 + 42 + 80 + 211 + 242 \\ 615 &:= 4^0 + 5^2 + 12^1 + 16^0 + 24^2 = 40 + 52 + 121 + 160 + 242 \\ 615 &:= 4^0 + 6^0 + 14^2 + 17^1 + 20^2 = 40 + 60 + 142 + 171 + 202 \\ 615 &:= 4^0 + 6^0 + 8^2 + 20^1 + 23^2 = 40 + 60 + 82 + 201 + 232 \\ 615 &:= 4^0 + 8^1 + 11^2 + 16^0 + 22^2 = 40 + 81 + 112 + 160 + 222 \\ 615 &:= 4^0 + 8^3 + 10^2 + 12^0 + 27^0 = 40 + 83 + 102 + 120 + 270 \\ 615 &:= 4^0 + 8^3 + 10^2 + 13^0 + 26^0 = 40 + 83 + 102 + 130 + 260 \\ 615 &:= 4^0 + 8^3 + 10^2 + 14^0 + 25^0 = 40 + 83 + 102 + 140 + 250 \\ 615 &:= 4^0 + 8^3 + 10^2 + 15^0 + 24^0 = 40 + 83 + 102 + 150 + 240 \\ 615 &:= 4^0 + 8^3 + 10^2 + 16^0 + 23^0 = 40 + 83 + 102 + 160 + 230 \\ 615 &:= 4^0 + 8^3 + 10^2 + 17^0 + 22^0 = 40 + 83 + 102 + 170 + 220 \\ 615 &:= 4^0 + 8^3 + 10^2 + 18^0 + 21^0 = 40 + 83 + 102 + 180 + 210 \\ 615 &:= 4^0 + 8^3 + 10^2 + 19^0 + 20^0 = 40 + 83 + 102 + 190 + 200 \\ 615 &:= 4^2 + 5^0 + 7^0 + 21^1 + 24^2 = 42 + 50 + 70 + 211 + 242 \\ 615 &:= 4^2 + 6^0 + 6^0 + 21^1 + 24^2 = 42 + 60 + 60 + 211 + 242 \\ 615 &:= 5^0 + 5^0 + 14^2 + 17^1 + 20^2 = 50 + 50 + 142 + 171 + 202 \\ 615 &:= 5^0 + 5^0 + 8^2 + 20^1 + 23^2 = 50 + 50 + 82 + 201 + 232 \\ 615 &:= 5^0 + 5^2 + 12^1 + 15^0 + 24^2 = 50 + 52 + 121 + 150 + 242 \\ 615 &:= 5^0 + 8^1 + 11^2 + 15^0 + 22^2 = 50 + 81 + 112 + 150 + 222 \\ 615 &:= 5^0 + 8^3 + 10^2 + 11^0 + 27^0 = 50 + 83 + 102 + 110 + 270 \\ 615 &:= 5^0 + 8^3 + 10^2 + 12^0 + 26^0 = 50 + 83 + 102 + 120 + 260 \\ 615 &:= 5^0 + 8^3 + 10^2 + 13^0 + 25^0 = 50 + 83 + 102 + 130 + 250 \\ 615 &:= 5^0 + 8^3 + 10^2 + 14^0 + 24^0 = 50 + 83 + 102 + 140 + 240 \\ 615 &:= 5^0 + 8^3 + 10^2 + 15^0 + 23^0 = 50 + 83 + 102 + 150 + 230 \\ 615 &:= 5^0 + 8^3 + 10^2 + 16^0 + 22^0 = 50 + 83 + 102 + 160 + 220 \\ 615 &:= 5^0 + 8^3 + 10^2 + 17^0 + 21^0 = 50 + 83 + 102 + 170 + 210 \\ 615 &:= 5^0 + 8^3 + 10^2 + 18^0 + 20^0 = 50 + 83 + 102 + 180 + 200 \\ 615 &:= 5^0 + 8^3 + 10^2 + 19^0 + 19^0 = 50 + 83 + 102 + 190 + 190 \\ 615 &:= 5^2 + 10^0 + 10^0 + 12^1 + 24^2 = 52 + 100 + 100 + 121 + 242 \\ 615 &:= 5^2 + 6^0 + 12^1 + 14^0 + 24^2 = 52 + 60 + 121 + 140 + 242 \\ 615 &:= 5^2 + 7^0 + 12^1 + 13^0 + 24^2 = 52 + 70 + 121 + 130 + 242 \\ 615 &:= 5^2 + 8^0 + 12^0 + 12^1 + 24^2 = 52 + 80 + 120 + 121 + 242 \\ 615 &:= 5^2 + 9^0 + 11^0 + 12^1 + 24^2 = 52 + 90 + 110 + 121 + 242 \\ 615 &:= 6^0 + 8^1 + 11^2 + 14^0 + 22^2 = 60 + 81 + 112 + 140 + 222 \end{aligned}$$

$$\begin{aligned} 615 &:= 6^0 + 8^3 + 10^0 + 10^2 + 27^0 = 60 + 83 + 100 + 102 + 270 \\ 615 &:= 6^0 + 8^3 + 10^2 + 11^0 + 26^0 = 60 + 83 + 102 + 110 + 260 \\ 615 &:= 6^0 + 8^3 + 10^2 + 12^0 + 25^0 = 60 + 83 + 102 + 120 + 250 \\ 615 &:= 6^0 + 8^3 + 10^2 + 13^0 + 24^0 = 60 + 83 + 102 + 130 + 240 \\ 615 &:= 6^0 + 8^3 + 10^2 + 14^0 + 23^0 = 60 + 83 + 102 + 140 + 230 \\ 615 &:= 6^0 + 8^3 + 10^2 + 15^0 + 22^0 = 60 + 83 + 102 + 150 + 220 \\ 615 &:= 6^0 + 8^3 + 10^2 + 16^0 + 21^0 = 60 + 83 + 102 + 160 + 210 \\ 615 &:= 6^0 + 8^3 + 10^2 + 17^0 + 20^0 = 60 + 83 + 102 + 170 + 200 \\ 615 &:= 6^0 + 8^3 + 10^2 + 18^0 + 19^0 = 60 + 83 + 102 + 180 + 190 \\ 615 &:= 7^0 + 8^1 + 11^2 + 13^0 + 22^2 = 70 + 81 + 112 + 130 + 222 \\ 615 &:= 7^0 + 8^3 + 10^0 + 10^2 + 26^0 = 70 + 83 + 100 + 102 + 260 \\ 615 &:= 7^0 + 8^3 + 10^2 + 11^0 + 25^0 = 70 + 83 + 102 + 110 + 250 \\ 615 &:= 7^0 + 8^3 + 10^2 + 12^0 + 24^0 = 70 + 83 + 102 + 120 + 240 \\ 615 &:= 7^0 + 8^3 + 10^2 + 13^0 + 23^0 = 70 + 83 + 102 + 130 + 230 \\ 615 &:= 7^0 + 8^3 + 10^2 + 14^0 + 22^0 = 70 + 83 + 102 + 140 + 220 \\ 615 &:= 7^0 + 8^3 + 10^2 + 15^0 + 21^0 = 70 + 83 + 102 + 150 + 210 \\ 615 &:= 7^0 + 8^3 + 10^2 + 16^0 + 20^0 = 70 + 83 + 102 + 160 + 200 \\ 615 &:= 7^0 + 8^3 + 10^2 + 17^0 + 19^0 = 70 + 83 + 102 + 170 + 190 \\ 615 &:= 7^0 + 8^3 + 10^2 + 18^0 + 18^0 = 70 + 83 + 102 + 180 + 180 \\ 615 &:= 7^0 + 8^3 + 9^0 + 10^2 + 27^0 = 70 + 83 + 90 + 102 + 270 \\ 615 &:= 8^0 + 8^0 + 8^3 + 10^2 + 27^0 = 80 + 80 + 83 + 102 + 270 \\ 615 &:= 8^0 + 8^1 + 11^2 + 12^0 + 22^2 = 80 + 81 + 112 + 120 + 222 \\ 615 &:= 8^0 + 8^3 + 10^0 + 10^2 + 25^0 = 80 + 83 + 100 + 102 + 250 \\ 615 &:= 8^0 + 8^3 + 10^2 + 11^0 + 24^0 = 80 + 83 + 102 + 110 + 240 \\ 615 &:= 8^0 + 8^3 + 10^2 + 12^0 + 23^0 = 80 + 83 + 102 + 120 + 230 \\ 615 &:= 8^0 + 8^3 + 10^2 + 13^0 + 22^0 = 80 + 83 + 102 + 130 + 220 \\ 615 &:= 8^0 + 8^3 + 10^2 + 14^0 + 21^0 = 80 + 83 + 102 + 140 + 210 \\ 615 &:= 8^0 + 8^3 + 10^2 + 15^0 + 20^0 = 80 + 83 + 102 + 150 + 200 \\ 615 &:= 8^0 + 8^3 + 10^2 + 16^0 + 19^0 = 80 + 83 + 102 + 160 + 190 \\ 615 &:= 8^0 + 8^3 + 10^2 + 17^0 + 18^0 = 80 + 83 + 102 + 170 + 180 \\ 615 &:= 8^0 + 8^3 + 9^0 + 10^2 + 26^0 = 80 + 83 + 90 + 102 + 260 \\ 615 &:= 8^1 + 10^0 + 10^0 + 11^2 + 22^2 = 81 + 100 + 100 + 112 + 222 \\ 615 &:= 8^1 + 9^0 + 11^0 + 11^2 + 22^2 = 81 + 90 + 110 + 112 + 222 \\ 615 &:= 8^3 + 10^0 + 10^0 + 10^2 + 23^0 = 83 + 100 + 100 + 102 + 230 \\ 615 &:= 8^3 + 10^0 + 10^2 + 11^0 + 22^0 = 83 + 100 + 102 + 110 + 220 \\ 615 &:= 8^3 + 10^0 + 10^2 + 12^0 + 21^0 = 83 + 100 + 102 + 120 + 210 \\ 615 &:= 8^3 + 10^0 + 10^2 + 13^0 + 20^0 = 83 + 100 + 102 + 130 + 200 \\ 615 &:= 8^3 + 10^0 + 10^2 + 14^0 + 19^0 = 83 + 100 + 102 + 140 + 190 \end{aligned}$$

$$\begin{aligned}
 615 &:= 8^3 + 10^0 + 10^2 + 15^0 + 18^0 = 83 + 100 + 102 + 150 + 180 \\
 615 &:= 8^3 + 10^0 + 10^2 + 16^0 + 17^0 = 83 + 100 + 102 + 160 + 170 \\
 615 &:= 8^3 + 10^2 + 11^0 + 11^0 + 21^0 = 83 + 102 + 110 + 110 + 210 \\
 615 &:= 8^3 + 10^2 + 11^0 + 12^0 + 20^0 = 83 + 102 + 110 + 120 + 200 \\
 615 &:= 8^3 + 10^2 + 11^0 + 13^0 + 19^0 = 83 + 102 + 110 + 130 + 190 \\
 615 &:= 8^3 + 10^2 + 11^0 + 14^0 + 18^0 = 83 + 102 + 110 + 140 + 180 \\
 615 &:= 8^3 + 10^2 + 11^0 + 15^0 + 17^0 = 83 + 102 + 110 + 150 + 170 \\
 615 &:= 8^3 + 10^2 + 11^0 + 16^0 + 16^0 = 83 + 102 + 110 + 160 + 160 \\
 615 &:= 8^3 + 10^2 + 12^0 + 12^0 + 19^0 = 83 + 102 + 120 + 120 + 190 \\
 615 &:= 8^3 + 10^2 + 12^0 + 13^0 + 18^0 = 83 + 102 + 120 + 130 + 180 \\
 615 &:= 8^3 + 10^2 + 12^0 + 14^0 + 17^0 = 83 + 102 + 120 + 140 + 170 \\
 615 &:= 8^3 + 10^2 + 12^0 + 15^0 + 16^0 = 83 + 102 + 120 + 150 + 160 \\
 615 &:= 8^3 + 10^2 + 13^0 + 13^0 + 17^0 = 83 + 102 + 130 + 130 + 170
 \end{aligned}$$

$$\begin{aligned}
 615 &:= 8^3 + 10^2 + 13^0 + 14^0 + 16^0 = 83 + 102 + 130 + 140 + 160 \\
 615 &:= 8^3 + 10^2 + 13^0 + 15^0 + 15^0 = 83 + 102 + 130 + 150 + 150 \\
 615 &:= 8^3 + 10^2 + 14^0 + 14^0 + 15^0 = 83 + 102 + 140 + 140 + 150 \\
 615 &:= 8^3 + 9^0 + 10^0 + 10^2 + 24^0 = 83 + 90 + 100 + 102 + 240 \\
 615 &:= 8^3 + 9^0 + 10^2 + 11^0 + 23^0 = 83 + 90 + 102 + 110 + 230 \\
 615 &:= 8^3 + 9^0 + 10^2 + 12^0 + 22^0 = 83 + 90 + 102 + 120 + 220 \\
 615 &:= 8^3 + 9^0 + 10^2 + 13^0 + 21^0 = 83 + 90 + 102 + 130 + 210 \\
 615 &:= 8^3 + 9^0 + 10^2 + 14^0 + 20^0 = 83 + 90 + 102 + 140 + 200 \\
 615 &:= 8^3 + 9^0 + 10^2 + 15^0 + 19^0 = 83 + 90 + 102 + 150 + 190 \\
 615 &:= 8^3 + 9^0 + 10^2 + 16^0 + 18^0 = 83 + 90 + 102 + 160 + 180 \\
 615 &:= 8^3 + 9^0 + 10^2 + 17^0 + 17^0 = 83 + 90 + 102 + 170 + 170 \\
 615 &:= 8^3 + 9^0 + 9^0 + 10^2 + 25^0 = 83 + 90 + 90 + 102 + 250
 \end{aligned}$$

2.2.517 Number 616

$$\begin{aligned}
 616 &:= 2^3 + 4^0 + 24^2 + 31^1 = 23 + 40 + 242 + 311 \\
 616 &:= 2^5 + 2^8 + 17^2 + 39^1 = 25 + 28 + 172 + 391 \\
 616 &:= 2^6 + 2^9 + 17^0 + 39^1 = 26 + 29 + 170 + 391 \\
 616 &:= 3^1 + 8^3 + 10^2 + 40^0 = 31 + 83 + 102 + 400 \\
 616 &:= 3^3 + 12^1 + 22^0 + 24^2 = 33 + 121 + 220 + 242 \\
 616 &:= 4^3 + 12^0 + 22^1 + 23^2 = 43 + 120 + 221 + 232 \\
 616 &:= 5^3 + 6^1 + 22^2 + 28^0 = 53 + 61 + 222 + 280 \\
 616 &:= 6^0 + 8^2 + 8^3 + 39^1 = 60 + 82 + 83 + 391 \\
 616 &:= 7^3 + 16^1 + 16^2 + 22^0 = 73 + 161 + 162 + 220 \\
 616 &:= 8^3 + 9^2 + 22^0 + 22^1 = 83 + 92 + 220 + 221 \\
 616 &:= 1^0 + 1^2 + 17^2 + 18^2 + 24^0 = 10 + 12 + 172 + 182 + 240 \\
 616 &:= 1^0 + 10^2 + 15^2 + 17^2 + 18^0 = 10 + 102 + 152 + 172 + 180 \\
 616 &:= 1^0 + 11^2 + 13^2 + 18^0 + 18^2 = 10 + 112 + 132 + 180 + 182 \\
 616 &:= 1^0 + 2^2 + 13^2 + 21^2 + 24^0 = 10 + 22 + 132 + 212 + 240 \\
 616 &:= 1^0 + 2^2 + 9^2 + 23^2 + 26^0 = 10 + 22 + 92 + 232 + 260 \\
 616 &:= 1^0 + 3^2 + 11^2 + 22^2 + 24^0 = 10 + 32 + 112 + 222 + 240 \\
 616 &:= 1^0 + 3^3 + 11^1 + 22^0 + 24^2 = 10 + 33 + 111 + 220 + 242 \\
 616 &:= 1^0 + 4^3 + 12^0 + 21^1 + 23^2 = 10 + 43 + 120 + 211 + 232 \\
 616 &:= 1^0 + 6^2 + 17^2 + 17^2 + 20^0 = 10 + 62 + 172 + 172 + 200 \\
 616 &:= 1^0 + 6^2 + 7^2 + 23^2 + 24^0 = 10 + 62 + 72 + 232 + 240 \\
 616 &:= 1^0 + 7^2 + 9^2 + 22^0 + 22^2 = 10 + 72 + 92 + 220 + 222 \\
 616 &:= 1^0 + 7^3 + 15^1 + 16^2 + 22^0 = 10 + 73 + 151 + 162 + 220
 \end{aligned}$$

$$\begin{aligned}
 616 &:= 1^0 + 8^3 + 9^2 + 21^1 + 22^0 = 10 + 83 + 92 + 211 + 220 \\
 616 &:= 1^1 + 1^1 + 17^2 + 18^2 + 24^0 = 11 + 11 + 172 + 182 + 240 \\
 616 &:= 1^1 + 4^1 + 13^2 + 21^2 + 22^0 = 11 + 41 + 132 + 212 + 220 \\
 616 &:= 1^1 + 4^1 + 9^2 + 23^2 + 24^0 = 11 + 41 + 92 + 232 + 240 \\
 616 &:= 1^1 + 4^2 + 10^0 + 22^1 + 24^2 = 11 + 42 + 100 + 221 + 242 \\
 616 &:= 1^1 + 5^2 + 13^1 + 18^0 + 24^2 = 11 + 52 + 131 + 180 + 242 \\
 616 &:= 1^1 + 8^0 + 14^2 + 18^1 + 20^2 = 11 + 80 + 142 + 181 + 202 \\
 616 &:= 1^1 + 8^0 + 8^2 + 21^1 + 23^2 = 11 + 80 + 82 + 211 + 232 \\
 616 &:= 1^1 + 9^1 + 11^2 + 18^0 + 22^2 = 11 + 91 + 112 + 180 + 222 \\
 616 &:= 1^2 + 10^0 + 15^0 + 17^2 + 18^2 = 12 + 100 + 150 + 172 + 182 \\
 616 &:= 1^2 + 11^0 + 14^0 + 17^2 + 18^2 = 12 + 110 + 140 + 172 + 182 \\
 616 &:= 1^2 + 12^0 + 13^0 + 17^2 + 18^2 = 12 + 120 + 130 + 172 + 182 \\
 616 &:= 1^2 + 2^0 + 17^2 + 18^2 + 23^0 = 12 + 20 + 172 + 182 + 230 \\
 616 &:= 1^2 + 3^0 + 17^2 + 18^2 + 22^0 = 12 + 30 + 172 + 182 + 220 \\
 616 &:= 1^2 + 4^0 + 17^2 + 18^2 + 21^0 = 12 + 40 + 172 + 182 + 210 \\
 616 &:= 1^2 + 5^0 + 17^2 + 18^2 + 20^0 = 12 + 50 + 172 + 182 + 200 \\
 616 &:= 1^2 + 6^0 + 17^2 + 18^2 + 19^0 = 12 + 60 + 172 + 182 + 190 \\
 616 &:= 1^2 + 7^0 + 17^2 + 18^0 + 18^2 = 12 + 70 + 172 + 180 + 182 \\
 616 &:= 1^2 + 8^0 + 17^0 + 17^2 + 18^2 = 12 + 80 + 170 + 172 + 182 \\
 616 &:= 1^2 + 9^0 + 16^0 + 17^2 + 18^2 = 12 + 90 + 160 + 172 + 182 \\
 616 &:= 1^3 + 1^9 + 17^2 + 18^2 + 23^0 = 13 + 19 + 172 + 182 + 230 \\
 616 &:= 1^4 + 1^8 + 17^2 + 18^2 + 23^0 = 14 + 18 + 172 + 182 + 230
 \end{aligned}$$

$$\begin{aligned} 616 &:= 1^4 + 2^9 + 9^2 + 21^1 + 27^0 = 14 + 29 + 92 + 211 + 270 & 616 &:= 2^1 + 8^3 + 10^2 + 19^0 + 22^0 = 21 + 83 + 102 + 190 + 220 \\ 616 &:= 1^5 + 1^7 + 17^2 + 18^2 + 23^0 = 15 + 17 + 172 + 182 + 230 & 616 &:= 2^1 + 8^3 + 10^2 + 20^0 + 21^0 = 21 + 83 + 102 + 200 + 210 \\ 616 &:= 1^6 + 1^6 + 17^2 + 18^2 + 23^0 = 16 + 16 + 172 + 182 + 230 & 616 &:= 2^2 + 10^0 + 13^2 + 15^0 + 21^2 = 22 + 100 + 132 + 150 + 212 \\ 616 &:= 1^7 + 2^6 + 13^0 + 21^1 + 23^2 = 17 + 26 + 130 + 211 + 232 & 616 &:= 2^2 + 11^0 + 13^2 + 14^0 + 21^2 = 22 + 110 + 132 + 140 + 212 \\ 616 &:= 1^8 + 2^5 + 6^1 + 24^2 + 27^0 = 18 + 25 + 61 + 242 + 270 & 616 &:= 2^2 + 12^0 + 13^0 + 13^2 + 21^2 = 22 + 120 + 130 + 132 + 212 \\ 616 &:= 1^8 + 3^4 + 7^2 + 22^2 + 27^0 = 18 + 34 + 72 + 222 + 270 & 616 &:= 2^2 + 3^0 + 13^2 + 21^2 + 22^0 = 22 + 30 + 132 + 212 + 220 \\ 616 &:= 1^8 + 3^4 + 8^3 + 21^1 + 27^0 = 18 + 34 + 83 + 211 + 270 & 616 &:= 2^2 + 3^0 + 9^2 + 23^2 + 24^0 = 22 + 30 + 92 + 232 + 240 \\ 616 &:= 1^8 + 3^5 + 10^1 + 19^2 + 27^0 = 18 + 35 + 101 + 192 + 270 & 616 &:= 2^2 + 4^0 + 13^2 + 21^0 + 21^2 = 22 + 40 + 132 + 210 + 212 \\ 616 &:= 1^8 + 5^3 + 8^2 + 20^2 + 26^1 = 18 + 53 + 82 + 202 + 261 & 616 &:= 2^2 + 4^0 + 9^2 + 23^0 + 23^2 = 22 + 40 + 92 + 230 + 232 \\ 616 &:= 1^9 + 2^4 + 11^0 + 22^1 + 24^2 = 19 + 24 + 110 + 221 + 242 & 616 &:= 2^2 + 5^0 + 13^2 + 20^0 + 21^2 = 22 + 50 + 132 + 200 + 212 \\ 616 &:= 1^9 + 4^2 + 17^2 + 17^2 + 21^1 = 19 + 42 + 172 + 172 + 211 & 616 &:= 2^2 + 5^0 + 9^2 + 22^0 + 23^2 = 22 + 50 + 92 + 220 + 232 \\ 616 &:= 1^9 + 5^2 + 13^2 + 20^2 + 21^1 = 19 + 52 + 132 + 202 + 211 & 616 &:= 2^2 + 6^0 + 13^2 + 19^0 + 21^2 = 22 + 60 + 132 + 190 + 212 \\ 616 &:= 1^9 + 5^2 + 6^2 + 23^2 + 25^1 = 19 + 52 + 62 + 232 + 251 & 616 &:= 2^2 + 6^0 + 9^2 + 21^0 + 23^2 = 22 + 60 + 92 + 210 + 232 \\ 616 &:= 2^0 + 10^2 + 15^2 + 17^0 + 17^2 = 20 + 102 + 152 + 170 + 172 & 616 &:= 2^2 + 7^0 + 13^2 + 18^0 + 21^2 = 22 + 70 + 132 + 180 + 212 \\ 616 &:= 2^0 + 11^2 + 13^2 + 17^0 + 18^2 = 20 + 112 + 132 + 170 + 182 & 616 &:= 2^2 + 7^0 + 9^2 + 20^0 + 23^2 = 22 + 70 + 92 + 200 + 232 \\ 616 &:= 2^0 + 2^2 + 13^2 + 21^2 + 23^0 = 20 + 22 + 132 + 212 + 230 & 616 &:= 2^2 + 8^0 + 13^2 + 17^0 + 21^2 = 22 + 80 + 132 + 170 + 212 \\ 616 &:= 2^0 + 2^2 + 9^2 + 23^2 + 25^0 = 20 + 22 + 92 + 232 + 250 & 616 &:= 2^2 + 8^0 + 9^2 + 19^0 + 23^2 = 22 + 80 + 92 + 190 + 232 \\ 616 &:= 2^0 + 3^2 + 11^2 + 22^2 + 23^0 = 20 + 32 + 112 + 222 + 230 & 616 &:= 2^2 + 9^0 + 13^2 + 16^0 + 21^2 = 22 + 90 + 132 + 160 + 212 \\ 616 &:= 2^0 + 3^3 + 11^1 + 21^0 + 24^2 = 20 + 33 + 111 + 210 + 242 & 616 &:= 2^2 + 9^0 + 9^2 + 18^0 + 23^2 = 22 + 90 + 92 + 180 + 232 \\ 616 &:= 2^0 + 4^3 + 11^0 + 21^1 + 23^2 = 20 + 43 + 110 + 211 + 232 & 616 &:= 2^2 + 9^2 + 10^0 + 17^0 + 23^2 = 22 + 92 + 100 + 170 + 232 \\ 616 &:= 2^0 + 5^1 + 5^3 + 22^2 + 27^0 = 20 + 51 + 53 + 222 + 270 & 616 &:= 2^2 + 9^2 + 11^0 + 16^0 + 23^2 = 22 + 92 + 110 + 160 + 232 \\ 616 &:= 2^0 + 6^2 + 17^2 + 17^2 + 19^0 = 20 + 62 + 172 + 172 + 190 & 616 &:= 2^2 + 9^2 + 12^0 + 15^0 + 23^2 = 22 + 92 + 120 + 150 + 232 \\ 616 &:= 2^0 + 6^2 + 7^2 + 23^0 + 23^2 = 20 + 62 + 72 + 230 + 232 & 616 &:= 2^2 + 9^2 + 13^0 + 14^0 + 23^2 = 22 + 92 + 130 + 140 + 232 \\ 616 &:= 2^0 + 7^2 + 9^2 + 21^0 + 22^2 = 20 + 72 + 92 + 210 + 222 & 616 &:= 2^4 + 2^7 + 11^2 + 18^2 + 27^1 = 24 + 27 + 112 + 182 + 271 \\ 616 &:= 2^0 + 7^3 + 15^1 + 16^2 + 21^0 = 20 + 73 + 151 + 162 + 210 & 616 &:= 2^4 + 2^9 + 8^2 + 23^1 + 25^0 = 24 + 29 + 82 + 231 + 250 \\ 616 &:= 2^0 + 8^3 + 9^2 + 21^0 + 21^1 = 20 + 83 + 92 + 210 + 211 & 616 &:= 2^6 + 2^7 + 13^0 + 20^2 + 23^1 = 26 + 27 + 130 + 202 + 231 \\ 616 &:= 2^1 + 3^1 + 13^2 + 21^2 + 22^0 = 21 + 31 + 132 + 212 + 220 & 616 &:= 3^0 + 10^2 + 15^2 + 16^0 + 17^2 = 30 + 102 + 152 + 160 + 172 \\ 616 &:= 2^1 + 3^1 + 9^2 + 23^2 + 24^0 = 21 + 31 + 92 + 232 + 240 & 616 &:= 3^0 + 11^2 + 13^2 + 16^0 + 18^2 = 30 + 112 + 132 + 160 + 182 \\ 616 &:= 2^1 + 4^2 + 10^0 + 21^1 + 24^2 = 21 + 42 + 100 + 211 + 242 & 616 &:= 3^0 + 3^2 + 11^2 + 22^0 + 22^2 = 30 + 32 + 112 + 220 + 222 \\ 616 &:= 2^1 + 5^2 + 12^1 + 18^0 + 24^2 = 21 + 52 + 121 + 180 + 242 & 616 &:= 3^0 + 3^3 + 11^1 + 20^0 + 24^2 = 30 + 33 + 111 + 200 + 242 \\ 616 &:= 2^1 + 8^0 + 14^2 + 17^1 + 20^2 = 21 + 80 + 142 + 171 + 202 & 616 &:= 3^0 + 4^3 + 10^0 + 21^1 + 23^2 = 30 + 43 + 100 + 211 + 232 \\ 616 &:= 2^1 + 8^0 + 8^2 + 20^1 + 23^2 = 21 + 80 + 82 + 201 + 232 & 616 &:= 3^0 + 5^1 + 5^3 + 22^2 + 26^0 = 30 + 51 + 53 + 222 + 260 \\ 616 &:= 2^1 + 8^1 + 11^2 + 18^0 + 22^2 = 21 + 81 + 112 + 180 + 222 & 616 &:= 3^0 + 6^2 + 17^2 + 17^2 + 18^0 = 30 + 62 + 172 + 172 + 180 \\ 616 &:= 2^1 + 8^3 + 10^2 + 14^0 + 27^0 = 21 + 83 + 102 + 140 + 270 & 616 &:= 3^0 + 6^2 + 7^2 + 22^0 + 23^2 = 30 + 62 + 72 + 220 + 232 \\ 616 &:= 2^1 + 8^3 + 10^2 + 15^0 + 26^0 = 21 + 83 + 102 + 150 + 260 & 616 &:= 3^0 + 7^2 + 9^2 + 20^0 + 22^2 = 30 + 72 + 92 + 200 + 222 \\ 616 &:= 2^1 + 8^3 + 10^2 + 16^0 + 25^0 = 21 + 83 + 102 + 160 + 250 & 616 &:= 3^0 + 7^3 + 15^1 + 16^2 + 20^0 = 30 + 73 + 151 + 162 + 200 \\ 616 &:= 2^1 + 8^3 + 10^2 + 17^0 + 24^0 = 21 + 83 + 102 + 170 + 240 & 616 &:= 3^0 + 8^3 + 9^2 + 20^0 + 21^1 = 30 + 83 + 92 + 200 + 211 \\ 616 &:= 2^1 + 8^3 + 10^2 + 18^0 + 23^0 = 21 + 83 + 102 + 180 + 230 & 616 &:= 3^1 + 3^2 + 4^0 + 24^2 + 27^1 = 31 + 32 + 40 + 242 + 271 \end{aligned}$$

$$\begin{aligned}616 &:= 3^1 + 4^2 + 10^0 + 20^1 + 24^2 = 31 + 42 + 100 + 201 + 242 \\616 &:= 3^1 + 5^2 + 11^1 + 18^0 + 24^2 = 31 + 52 + 111 + 180 + 242 \\616 &:= 3^1 + 7^1 + 11^2 + 18^0 + 22^2 = 31 + 71 + 112 + 180 + 222 \\616 &:= 3^1 + 8^0 + 14^2 + 16^1 + 20^2 = 31 + 80 + 142 + 161 + 202 \\616 &:= 3^1 + 8^0 + 8^2 + 19^1 + 23^2 = 31 + 80 + 82 + 191 + 232 \\616 &:= 3^2 + 10^0 + 11^2 + 15^0 + 22^2 = 32 + 100 + 112 + 150 + 222 \\616 &:= 3^2 + 11^0 + 11^2 + 14^0 + 22^2 = 32 + 110 + 112 + 140 + 222 \\616 &:= 3^2 + 11^2 + 12^0 + 13^0 + 22^2 = 32 + 112 + 120 + 130 + 222 \\616 &:= 3^2 + 4^0 + 10^1 + 20^1 + 24^2 = 32 + 40 + 101 + 201 + 242 \\616 &:= 3^2 + 4^0 + 11^1 + 19^1 + 24^2 = 32 + 40 + 111 + 191 + 242 \\616 &:= 3^2 + 4^0 + 11^2 + 21^0 + 22^2 = 32 + 40 + 112 + 210 + 222 \\616 &:= 3^2 + 4^0 + 12^1 + 18^1 + 24^2 = 32 + 40 + 121 + 181 + 242 \\616 &:= 3^2 + 4^0 + 13^1 + 17^1 + 24^2 = 32 + 40 + 131 + 171 + 242 \\616 &:= 3^2 + 4^0 + 14^1 + 16^1 + 24^2 = 32 + 40 + 141 + 161 + 242 \\616 &:= 3^2 + 4^0 + 15^1 + 15^1 + 24^2 = 32 + 40 + 151 + 151 + 242 \\616 &:= 3^2 + 4^0 + 4^1 + 24^2 + 26^1 = 32 + 40 + 41 + 242 + 261 \\616 &:= 3^2 + 4^0 + 5^1 + 24^2 + 25^1 = 32 + 40 + 51 + 242 + 251 \\616 &:= 3^2 + 4^0 + 6^1 + 24^1 + 24^2 = 32 + 40 + 61 + 241 + 242 \\616 &:= 3^2 + 4^0 + 7^1 + 23^1 + 24^2 = 32 + 40 + 71 + 231 + 242 \\616 &:= 3^2 + 4^0 + 8^1 + 22^1 + 24^2 = 32 + 40 + 81 + 221 + 242 \\616 &:= 3^2 + 4^0 + 9^1 + 21^1 + 24^2 = 32 + 40 + 91 + 211 + 242 \\616 &:= 3^2 + 5^0 + 11^2 + 20^0 + 22^2 = 32 + 50 + 112 + 200 + 222 \\616 &:= 3^2 + 6^0 + 11^2 + 19^0 + 22^2 = 32 + 60 + 112 + 190 + 222 \\616 &:= 3^2 + 7^0 + 11^2 + 18^0 + 22^2 = 32 + 70 + 112 + 180 + 222 \\616 &:= 3^2 + 8^0 + 11^2 + 17^0 + 22^2 = 32 + 80 + 112 + 170 + 222 \\616 &:= 3^2 + 9^0 + 11^2 + 16^0 + 22^2 = 32 + 90 + 112 + 160 + 222 \\616 &:= 3^3 + 10^0 + 11^1 + 13^0 + 24^2 = 33 + 100 + 111 + 130 + 242 \\616 &:= 3^3 + 11^0 + 11^1 + 12^0 + 24^2 = 33 + 110 + 111 + 120 + 242 \\616 &:= 3^3 + 4^0 + 11^1 + 19^0 + 24^2 = 33 + 40 + 111 + 190 + 242 \\616 &:= 3^3 + 5^0 + 11^1 + 18^0 + 24^2 = 33 + 50 + 111 + 180 + 242 \\616 &:= 3^3 + 6^0 + 11^1 + 17^0 + 24^2 = 33 + 60 + 111 + 170 + 242 \\616 &:= 3^3 + 7^0 + 11^1 + 16^0 + 24^2 = 33 + 70 + 111 + 160 + 242 \\616 &:= 3^3 + 8^0 + 11^1 + 15^0 + 24^2 = 33 + 80 + 111 + 150 + 242 \\616 &:= 3^3 + 9^0 + 11^1 + 14^0 + 24^2 = 33 + 90 + 111 + 140 + 242 \\616 &:= 4^0 + 10^2 + 15^0 + 15^2 + 17^2 = 40 + 102 + 150 + 152 + 172 \\616 &:= 4^0 + 11^2 + 13^2 + 15^0 + 18^2 = 40 + 112 + 132 + 150 + 182 \\616 &:= 4^0 + 4^3 + 9^0 + 21^1 + 23^2 = 40 + 43 + 90 + 211 + 232 \\616 &:= 4^0 + 5^1 + 5^3 + 22^2 + 25^0 = 40 + 51 + 53 + 222 + 250\end{aligned}$$

$$\begin{aligned}616 &:= 4^0 + 6^2 + 17^0 + 17^2 + 17^2 = 40 + 62 + 170 + 172 + 172 \\616 &:= 4^0 + 6^2 + 7^2 + 21^0 + 23^2 = 40 + 62 + 72 + 210 + 232 \\616 &:= 4^0 + 7^2 + 9^2 + 19^0 + 22^2 = 40 + 72 + 92 + 190 + 222 \\616 &:= 4^0 + 7^3 + 15^1 + 16^2 + 19^0 = 40 + 73 + 151 + 162 + 190 \\616 &:= 4^0 + 8^3 + 9^2 + 19^0 + 21^1 = 40 + 83 + 92 + 190 + 211 \\616 &:= 4^1 + 4^2 + 10^0 + 19^1 + 24^2 = 41 + 42 + 100 + 191 + 242 \\616 &:= 4^1 + 5^2 + 10^1 + 18^0 + 24^2 = 41 + 52 + 101 + 180 + 242 \\616 &:= 4^1 + 6^1 + 11^2 + 18^0 + 22^2 = 41 + 61 + 112 + 180 + 222 \\616 &:= 4^1 + 8^0 + 14^2 + 15^1 + 20^2 = 41 + 80 + 142 + 151 + 202 \\616 &:= 4^1 + 8^0 + 8^2 + 18^1 + 23^2 = 41 + 80 + 82 + 181 + 232 \\616 &:= 4^2 + 10^0 + 10^1 + 13^1 + 24^2 = 42 + 100 + 101 + 131 + 242 \\616 &:= 4^2 + 10^0 + 11^1 + 12^1 + 24^2 = 42 + 100 + 111 + 121 + 242 \\616 &:= 4^2 + 5^1 + 10^0 + 18^1 + 24^2 = 42 + 51 + 100 + 181 + 242 \\616 &:= 4^2 + 6^1 + 10^0 + 17^1 + 24^2 = 42 + 61 + 100 + 171 + 242 \\616 &:= 4^2 + 7^1 + 10^0 + 16^1 + 24^2 = 42 + 71 + 100 + 161 + 242 \\616 &:= 4^2 + 8^1 + 10^0 + 15^1 + 24^2 = 42 + 81 + 100 + 151 + 242 \\616 &:= 4^2 + 9^1 + 10^0 + 14^1 + 24^2 = 42 + 91 + 100 + 141 + 242 \\616 &:= 4^3 + 5^0 + 8^0 + 21^1 + 23^2 = 43 + 50 + 80 + 211 + 232 \\616 &:= 4^3 + 6^0 + 7^0 + 21^1 + 23^2 = 43 + 60 + 70 + 211 + 232 \\616 &:= 5^0 + 10^2 + 14^0 + 15^2 + 17^2 = 50 + 102 + 140 + 152 + 172 \\616 &:= 5^0 + 11^2 + 13^2 + 14^0 + 18^2 = 50 + 112 + 132 + 140 + 182 \\616 &:= 5^0 + 5^1 + 5^3 + 22^2 + 24^0 = 50 + 51 + 53 + 222 + 240 \\616 &:= 5^0 + 6^2 + 16^0 + 17^2 + 17^2 = 50 + 62 + 160 + 172 + 172 \\616 &:= 5^0 + 6^2 + 7^2 + 20^0 + 23^2 = 50 + 62 + 72 + 200 + 232 \\616 &:= 5^0 + 7^2 + 9^2 + 18^0 + 22^2 = 50 + 72 + 92 + 180 + 222 \\616 &:= 5^0 + 7^3 + 15^1 + 16^2 + 18^0 = 50 + 73 + 151 + 162 + 180 \\616 &:= 5^0 + 8^3 + 9^2 + 18^0 + 21^1 = 50 + 83 + 92 + 180 + 211 \\616 &:= 5^1 + 5^1 + 11^2 + 18^0 + 22^2 = 51 + 51 + 112 + 180 + 222 \\616 &:= 5^1 + 5^2 + 9^1 + 18^0 + 24^2 = 51 + 52 + 91 + 180 + 242 \\616 &:= 5^1 + 5^3 + 10^0 + 19^0 + 22^2 = 51 + 53 + 100 + 190 + 222 \\616 &:= 5^1 + 5^3 + 11^0 + 18^0 + 22^2 = 51 + 53 + 110 + 180 + 222 \\616 &:= 5^1 + 5^3 + 12^0 + 17^0 + 22^2 = 51 + 53 + 120 + 170 + 222 \\616 &:= 5^1 + 5^3 + 13^0 + 16^0 + 22^2 = 51 + 53 + 130 + 160 + 222 \\616 &:= 5^1 + 5^3 + 14^0 + 15^0 + 22^2 = 51 + 53 + 140 + 150 + 222 \\616 &:= 5^1 + 5^3 + 6^0 + 22^2 + 23^0 = 51 + 53 + 60 + 222 + 230 \\616 &:= 5^1 + 5^3 + 7^0 + 22^0 + 22^2 = 51 + 53 + 70 + 220 + 222 \\616 &:= 5^1 + 5^3 + 8^0 + 21^0 + 22^2 = 51 + 53 + 80 + 210 + 222 \\616 &:= 5^1 + 5^3 + 9^0 + 20^0 + 22^2 = 51 + 53 + 90 + 200 + 222\end{aligned}$$

$616 := 5^1 + 8^0 + 14^1 + 14^2 + 20^2 = 51 + 80 + 141 + 142 + 202$	$616 := 7^0 + 8^3 + 9^2 + 16^0 + 21^1 = 70 + 83 + 92 + 160 + 211$
$616 := 5^1 + 8^0 + 8^2 + 17^1 + 23^2 = 51 + 80 + 82 + 171 + 232$	$616 := 7^1 + 8^0 + 12^1 + 14^2 + 20^2 = 71 + 80 + 121 + 142 + 202$
$616 := 5^2 + 6^1 + 8^1 + 18^0 + 24^2 = 52 + 61 + 81 + 180 + 242$	$616 := 7^1 + 8^0 + 8^2 + 15^1 + 23^2 = 71 + 80 + 82 + 151 + 232$
$616 := 5^2 + 7^1 + 7^1 + 18^0 + 24^2 = 52 + 71 + 71 + 180 + 242$	$616 := 7^2 + 8^0 + 9^2 + 15^0 + 22^2 = 72 + 80 + 92 + 150 + 222$
$616 := 6^0 + 10^2 + 13^0 + 15^2 + 17^2 = 60 + 102 + 130 + 152 + 172$	$616 := 7^2 + 9^0 + 9^2 + 14^0 + 22^2 = 72 + 90 + 92 + 140 + 222$
$616 := 6^0 + 11^2 + 13^0 + 13^2 + 18^2 = 60 + 112 + 130 + 132 + 182$	$616 := 7^2 + 9^2 + 10^0 + 13^0 + 22^2 = 72 + 92 + 100 + 130 + 222$
$616 := 6^0 + 6^2 + 15^0 + 17^2 + 17^2 = 60 + 62 + 150 + 172 + 172$	$616 := 7^2 + 9^2 + 11^0 + 12^0 + 22^2 = 72 + 92 + 110 + 120 + 222$
$616 := 6^0 + 6^2 + 7^2 + 19^0 + 23^2 = 60 + 62 + 72 + 190 + 232$	$616 := 7^3 + 10^0 + 13^0 + 15^1 + 16^2 = 73 + 100 + 130 + 151 + 162$
$616 := 6^0 + 7^2 + 9^2 + 17^0 + 22^2 = 60 + 72 + 92 + 170 + 222$	$616 := 7^3 + 11^0 + 12^0 + 15^1 + 16^2 = 73 + 110 + 120 + 151 + 162$
$616 := 6^0 + 7^3 + 15^1 + 16^2 + 17^0 = 60 + 73 + 151 + 162 + 170$	$616 := 7^3 + 8^0 + 15^0 + 15^1 + 16^2 = 73 + 80 + 150 + 151 + 162$
$616 := 6^0 + 8^3 + 9^2 + 17^0 + 21^1 = 60 + 83 + 92 + 170 + 211$	$616 := 7^3 + 9^0 + 14^0 + 15^1 + 16^2 = 73 + 90 + 140 + 151 + 162$
$616 := 6^1 + 8^0 + 13^1 + 14^2 + 20^2 = 61 + 80 + 131 + 142 + 202$	$616 := 8^0 + 10^2 + 11^0 + 15^2 + 17^2 = 80 + 102 + 110 + 152 + 172$
$616 := 6^1 + 8^0 + 8^2 + 16^1 + 23^2 = 61 + 80 + 82 + 161 + 232$	$616 := 8^0 + 11^0 + 11^2 + 13^2 + 18^2 = 80 + 110 + 112 + 132 + 182$
$616 := 6^2 + 10^0 + 11^0 + 17^2 + 17^2 = 62 + 100 + 110 + 172 + 172$	$616 := 8^0 + 8^1 + 11^1 + 14^2 + 20^2 = 80 + 81 + 111 + 142 + 202$
$616 := 6^2 + 7^0 + 14^0 + 17^2 + 17^2 = 62 + 70 + 140 + 172 + 172$	$616 := 8^0 + 8^1 + 8^2 + 14^1 + 23^2 = 80 + 81 + 82 + 141 + 232$
$616 := 6^2 + 7^0 + 7^2 + 18^0 + 23^2 = 62 + 70 + 72 + 180 + 232$	$616 := 8^0 + 8^2 + 10^1 + 12^1 + 23^2 = 80 + 82 + 101 + 121 + 232$
$616 := 6^2 + 7^2 + 10^0 + 15^0 + 23^2 = 62 + 72 + 100 + 150 + 232$	$616 := 8^0 + 8^2 + 11^1 + 11^1 + 23^2 = 80 + 82 + 111 + 111 + 232$
$616 := 6^2 + 7^2 + 11^0 + 14^0 + 23^2 = 62 + 72 + 110 + 140 + 232$	$616 := 8^0 + 8^2 + 9^1 + 13^1 + 23^2 = 80 + 82 + 91 + 131 + 232$
$616 := 6^2 + 7^2 + 12^0 + 13^0 + 23^2 = 62 + 72 + 120 + 130 + 232$	$616 := 8^0 + 8^3 + 9^2 + 15^0 + 21^1 = 80 + 83 + 92 + 150 + 211$
$616 := 6^2 + 7^2 + 8^0 + 17^0 + 23^2 = 62 + 72 + 80 + 170 + 232$	$616 := 8^0 + 9^1 + 10^1 + 14^2 + 20^2 = 80 + 91 + 101 + 142 + 202$
$616 := 6^2 + 7^2 + 9^0 + 16^0 + 23^2 = 62 + 72 + 90 + 160 + 232$	$616 := 8^3 + 9^0 + 9^2 + 14^0 + 21^1 = 83 + 90 + 92 + 140 + 211$
$616 := 6^2 + 8^0 + 13^0 + 17^2 + 17^2 = 62 + 80 + 130 + 172 + 172$	$616 := 8^3 + 9^2 + 10^0 + 13^0 + 21^1 = 83 + 92 + 100 + 130 + 211$
$616 := 6^2 + 9^0 + 12^0 + 17^2 + 17^2 = 62 + 90 + 120 + 172 + 172$	$616 := 8^3 + 9^2 + 11^0 + 12^0 + 21^1 = 83 + 92 + 110 + 120 + 211$
$616 := 7^0 + 10^2 + 12^0 + 15^2 + 17^2 = 70 + 102 + 120 + 152 + 172$	$616 := 9^0 + 10^0 + 10^2 + 15^2 + 17^2 = 90 + 100 + 102 + 152 + 172$
$616 := 7^0 + 11^2 + 12^0 + 13^2 + 18^2 = 70 + 112 + 120 + 132 + 182$	$616 := 9^0 + 10^0 + 11^2 + 13^2 + 18^2 = 90 + 100 + 112 + 132 + 182$
$616 := 7^0 + 7^2 + 9^2 + 16^0 + 22^2 = 70 + 72 + 92 + 160 + 222$	
$616 := 7^0 + 7^3 + 15^1 + 16^0 + 16^2 = 70 + 73 + 151 + 160 + 162$	

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$617 := 2^2 + 2^2 + 24^2 + 33^1 = 22 + 22 + 242 + 331$	$617 := 6^3 + 12^2 + 16^2 + 27^0 = 63 + 122 + 162 + 270$
$617 := 2^2 + 8^3 + 10^2 + 41^0 = 22 + 83 + 102 + 410$	$617 := 1^0 + 2^4 + 11^0 + 23^1 + 24^2 = 10 + 24 + 110 + 231 + 242$
$617 := 2^4 + 11^0 + 24^1 + 24^2 = 24 + 110 + 241 + 242$	$617 := 1^0 + 4^2 + 17^2 + 17^2 + 22^1 = 10 + 42 + 172 + 172 + 221$
$617 := 3^0 + 4^4 + 18^2 + 36^1 = 30 + 44 + 182 + 361$	$617 := 1^0 + 5^2 + 13^2 + 20^2 + 22^1 = 10 + 52 + 132 + 202 + 221$
$617 := 3^4 + 6^1 + 23^2 + 29^0 = 34 + 61 + 232 + 290$	$617 := 1^0 + 5^2 + 6^2 + 23^2 + 26^1 = 10 + 52 + 62 + 232 + 261$
$617 := 4^2 + 17^2 + 17^2 + 23^1 = 42 + 172 + 172 + 231$	$617 := 1^0 + 5^3 + 7^2 + 21^2 + 27^0 = 10 + 53 + 72 + 212 + 270$
$617 := 4^3 + 8^3 + 9^0 + 40^1 = 43 + 83 + 90 + 401$	$617 := 1^1 + 3^3 + 12^1 + 21^0 + 24^2 = 11 + 33 + 121 + 210 + 242$
$617 := 5^2 + 13^2 + 20^2 + 23^1 = 52 + 132 + 202 + 231$	$617 := 1^1 + 4^3 + 11^0 + 22^1 + 23^2 = 11 + 43 + 110 + 221 + 232$
$617 := 5^2 + 6^2 + 23^2 + 27^1 = 52 + 62 + 232 + 271$	$617 := 1^1 + 5^3 + 6^1 + 22^2 + 27^0 = 11 + 53 + 61 + 222 + 270$

$$\begin{aligned} 617 &:= 1^1 + 7^3 + 16^1 + 16^2 + 21^0 = 11 + 73 + 161 + 162 + 210 & 617 &:= 2^3 + 3^0 + 11^1 + 21^1 + 24^2 = 23 + 30 + 111 + 211 + 242 \\ 617 &:= 1^1 + 8^3 + 9^2 + 21^0 + 22^1 = 11 + 83 + 92 + 210 + 221 & 617 &:= 2^3 + 3^0 + 12^1 + 20^1 + 24^2 = 23 + 30 + 121 + 201 + 242 \\ 617 &:= 1^2 + 10^1 + 11^2 + 17^0 + 22^2 = 12 + 101 + 112 + 170 + 222 & 617 &:= 2^3 + 3^0 + 13^1 + 19^1 + 24^2 = 23 + 30 + 131 + 191 + 242 \\ 617 &:= 1^2 + 2^1 + 17^2 + 18^2 + 23^0 = 12 + 21 + 172 + 182 + 230 & 617 &:= 2^3 + 3^0 + 14^1 + 18^1 + 24^2 = 23 + 30 + 141 + 181 + 242 \\ 617 &:= 1^2 + 3^1 + 6^2 + 24^2 + 27^0 = 12 + 31 + 62 + 242 + 270 & 617 &:= 2^3 + 3^0 + 15^1 + 17^1 + 24^2 = 23 + 30 + 151 + 171 + 242 \\ 617 &:= 1^2 + 4^2 + 9^0 + 23^1 + 24^2 = 12 + 42 + 90 + 231 + 242 & 617 &:= 2^3 + 3^0 + 16^1 + 16^1 + 24^2 = 23 + 30 + 161 + 161 + 242 \\ 617 &:= 1^2 + 5^1 + 13^2 + 21^0 + 21^2 = 12 + 51 + 132 + 210 + 212 & 617 &:= 2^3 + 3^0 + 5^1 + 24^2 + 27^1 = 23 + 30 + 51 + 242 + 271 \\ 617 &:= 1^2 + 5^1 + 9^2 + 23^0 + 23^2 = 12 + 51 + 92 + 230 + 232 & 617 &:= 2^3 + 3^0 + 6^1 + 24^2 + 26^1 = 23 + 30 + 61 + 242 + 261 \\ 617 &:= 1^2 + 5^2 + 14^1 + 17^0 + 24^2 = 12 + 52 + 141 + 170 + 242 & 617 &:= 2^3 + 3^0 + 7^1 + 24^2 + 25^1 = 23 + 30 + 71 + 242 + 251 \\ 617 &:= 1^2 + 7^0 + 14^2 + 19^1 + 20^2 = 12 + 70 + 142 + 191 + 202 & 617 &:= 2^3 + 3^0 + 8^1 + 24^1 + 24^2 = 23 + 30 + 81 + 241 + 242 \\ 617 &:= 1^2 + 7^0 + 8^2 + 22^1 + 23^2 = 12 + 70 + 82 + 221 + 232 & 617 &:= 2^3 + 3^0 + 9^1 + 23^1 + 24^2 = 23 + 30 + 91 + 231 + 242 \\ 617 &:= 1^5 + 2^9 + 9^2 + 22^1 + 26^0 = 15 + 29 + 92 + 221 + 260 & 617 &:= 2^4 + 3^0 + 9^0 + 23^1 + 24^2 = 24 + 30 + 90 + 231 + 242 \\ 617 &:= 1^8 + 2^6 + 12^0 + 22^1 + 23^2 = 18 + 26 + 120 + 221 + 232 & 617 &:= 2^4 + 4^0 + 8^0 + 23^1 + 24^2 = 24 + 40 + 80 + 231 + 242 \\ 617 &:= 1^9 + 2^5 + 7^1 + 24^2 + 26^0 = 19 + 25 + 71 + 242 + 260 & 617 &:= 2^4 + 5^0 + 7^0 + 23^1 + 24^2 = 24 + 50 + 70 + 231 + 242 \\ 617 &:= 1^9 + 3^4 + 8^3 + 22^1 + 26^0 = 19 + 34 + 83 + 221 + 260 & 617 &:= 2^4 + 6^0 + 6^0 + 23^1 + 24^2 = 24 + 60 + 60 + 231 + 242 \\ 617 &:= 1^9 + 3^5 + 11^1 + 19^2 + 26^0 = 19 + 35 + 111 + 192 + 260 & 617 &:= 2^5 + 2^9 + 7^2 + 23^1 + 26^0 = 25 + 29 + 72 + 231 + 260 \\ 617 &:= 2^0 + 2^4 + 10^0 + 23^1 + 24^2 = 20 + 24 + 100 + 231 + 242 & 617 &:= 2^6 + 2^9 + 13^1 + 16^0 + 27^1 = 26 + 29 + 131 + 160 + 271 \\ 617 &:= 2^0 + 5^3 + 7^2 + 21^2 + 26^0 = 20 + 53 + 72 + 212 + 260 & 617 &:= 2^6 + 2^9 + 14^1 + 16^0 + 26^1 = 26 + 29 + 141 + 160 + 261 \\ 617 &:= 2^1 + 10^2 + 15^2 + 17^0 + 17^2 = 21 + 102 + 152 + 170 + 172 & 617 &:= 2^6 + 2^9 + 15^1 + 16^0 + 25^1 = 26 + 29 + 151 + 160 + 251 \\ 617 &:= 2^1 + 11^2 + 13^2 + 17^0 + 18^2 = 21 + 112 + 132 + 170 + 182 & 617 &:= 2^6 + 2^9 + 16^0 + 16^1 + 24^1 = 26 + 29 + 160 + 161 + 241 \\ 617 &:= 2^1 + 2^2 + 13^2 + 21^2 + 23^0 = 21 + 22 + 132 + 212 + 230 & 617 &:= 2^6 + 2^9 + 16^0 + 17^1 + 23^1 = 26 + 29 + 160 + 171 + 231 \\ 617 &:= 2^1 + 2^2 + 9^2 + 23^2 + 25^0 = 21 + 22 + 92 + 232 + 250 & 617 &:= 2^6 + 2^9 + 16^0 + 18^1 + 22^1 = 26 + 29 + 160 + 181 + 221 \\ 617 &:= 2^1 + 3^2 + 11^2 + 22^2 + 23^0 = 21 + 32 + 112 + 222 + 230 & 617 &:= 2^6 + 2^9 + 16^0 + 19^1 + 21^1 = 26 + 29 + 160 + 191 + 211 \\ 617 &:= 2^1 + 3^3 + 11^1 + 21^0 + 24^2 = 21 + 33 + 111 + 210 + 242 & 617 &:= 2^6 + 2^9 + 16^0 + 20^1 + 20^1 = 26 + 29 + 160 + 201 + 201 \\ 617 &:= 2^1 + 4^3 + 11^0 + 21^1 + 23^2 = 21 + 43 + 110 + 211 + 232 & 617 &:= 3^0 + 3^2 + 10^2 + 22^2 + 23^1 = 30 + 32 + 102 + 222 + 231 \\ 617 &:= 2^1 + 5^1 + 5^3 + 22^2 + 27^0 = 21 + 51 + 53 + 222 + 270 & 617 &:= 3^0 + 3^2 + 12^2 + 21^2 + 22^1 = 30 + 32 + 122 + 212 + 221 \\ 617 &:= 2^1 + 6^2 + 17^2 + 17^2 + 19^0 = 21 + 62 + 172 + 172 + 190 & 617 &:= 3^0 + 3^2 + 15^2 + 19^2 + 21^1 = 30 + 32 + 152 + 192 + 211 \\ 617 &:= 2^1 + 6^2 + 7^2 + 23^0 + 23^2 = 21 + 62 + 72 + 230 + 232 & 617 &:= 3^0 + 3^4 + 5^1 + 23^2 + 27^0 = 30 + 34 + 51 + 232 + 270 \\ 617 &:= 2^1 + 7^2 + 9^2 + 21^0 + 22^2 = 21 + 72 + 92 + 210 + 222 & 617 &:= 3^0 + 4^2 + 16^2 + 18^2 + 20^1 = 30 + 42 + 162 + 182 + 201 \\ 617 &:= 2^1 + 7^3 + 15^1 + 16^2 + 21^0 = 21 + 73 + 151 + 162 + 210 & 617 &:= 3^0 + 5^3 + 7^2 + 21^2 + 25^0 = 30 + 53 + 72 + 212 + 250 \\ 617 &:= 2^1 + 8^3 + 9^2 + 21^0 + 21^1 = 21 + 83 + 92 + 210 + 211 & 617 &:= 3^0 + 7^2 + 15^2 + 18^1 + 18^2 = 30 + 72 + 152 + 181 + 182 \\ 617 &:= 2^2 + 3^2 + 5^0 + 24^2 + 27^1 = 22 + 32 + 50 + 242 + 271 & 617 &:= 3^1 + 3^3 + 10^1 + 21^0 + 24^2 = 31 + 33 + 101 + 210 + 242 \\ 617 &:= 2^2 + 4^2 + 11^0 + 20^1 + 24^2 = 22 + 42 + 110 + 201 + 242 & 617 &:= 3^1 + 4^1 + 5^3 + 22^2 + 27^0 = 31 + 41 + 53 + 222 + 270 \\ 617 &:= 2^2 + 5^2 + 11^1 + 19^0 + 24^2 = 22 + 52 + 111 + 190 + 242 & 617 &:= 3^1 + 4^3 + 11^0 + 20^1 + 23^2 = 31 + 43 + 110 + 201 + 232 \\ 617 &:= 2^2 + 7^1 + 11^2 + 19^0 + 22^2 = 22 + 71 + 112 + 190 + 222 & 617 &:= 3^1 + 7^3 + 14^1 + 16^2 + 21^0 = 31 + 73 + 141 + 162 + 210 \\ 617 &:= 2^2 + 8^2 + 9^0 + 19^1 + 23^2 = 22 + 82 + 90 + 191 + 232 & 617 &:= 3^1 + 8^2 + 15^2 + 17^0 + 18^2 = 31 + 82 + 152 + 170 + 182 \\ 617 &:= 2^2 + 9^0 + 14^2 + 16^1 + 20^2 = 22 + 90 + 142 + 161 + 202 & 617 &:= 3^1 + 8^3 + 9^2 + 20^1 + 21^0 = 31 + 83 + 92 + 201 + 210 \\ 617 &:= 2^3 + 3^0 + 10^1 + 22^1 + 24^2 = 23 + 30 + 101 + 221 + 242 & 617 &:= 3^2 + 11^1 + 13^0 + 14^2 + 20^2 = 32 + 111 + 130 + 142 + 202 \end{aligned}$$

$$\begin{aligned} 617 &:= 3^2 + 3^2 + 9^0 + 22^1 + 24^2 = 32 + 32 + 90 + 221 + 242 & 617 &:= 4^2 + 7^3 + 16^2 + 17^0 + 17^0 = 42 + 73 + 162 + 170 + 170 \\ 617 &:= 3^2 + 4^2 + 15^0 + 15^1 + 24^2 = 32 + 42 + 150 + 151 + 242 & 617 &:= 4^2 + 7^3 + 8^0 + 16^2 + 26^0 = 42 + 73 + 80 + 162 + 260 \\ 617 &:= 3^2 + 5^2 + 6^1 + 23^0 + 24^2 = 32 + 52 + 61 + 230 + 242 & 617 &:= 4^2 + 7^3 + 9^0 + 16^2 + 25^0 = 42 + 73 + 90 + 162 + 250 \\ 617 &:= 3^2 + 8^2 + 13^0 + 14^1 + 23^2 = 32 + 82 + 130 + 141 + 232 & 617 &:= 4^2 + 9^0 + 10^2 + 16^1 + 22^2 = 42 + 90 + 102 + 161 + 222 \\ 617 &:= 3^3 + 4^1 + 9^1 + 21^0 + 24^2 = 33 + 41 + 91 + 210 + 242 & 617 &:= 4^2 + 9^0 + 12^2 + 15^1 + 21^2 = 42 + 90 + 122 + 151 + 212 \\ 617 &:= 3^3 + 5^1 + 8^1 + 21^0 + 24^2 = 33 + 51 + 81 + 210 + 242 & 617 &:= 4^2 + 9^0 + 14^1 + 15^2 + 19^2 = 42 + 90 + 141 + 152 + 192 \\ 617 &:= 3^3 + 6^1 + 7^1 + 21^0 + 24^2 = 33 + 61 + 71 + 210 + 242 & 617 &:= 4^3 + 10^1 + 11^0 + 13^1 + 23^2 = 43 + 101 + 110 + 131 + 232 \\ 617 &:= 3^4 + 4^0 + 5^1 + 23^2 + 26^0 = 34 + 40 + 51 + 232 + 260 & 617 &:= 4^3 + 11^0 + 11^1 + 12^1 + 23^2 = 43 + 110 + 111 + 121 + 232 \\ 617 &:= 3^4 + 5^0 + 5^1 + 23^2 + 25^0 = 34 + 50 + 51 + 232 + 250 & 617 &:= 4^3 + 5^1 + 11^0 + 18^1 + 23^2 = 43 + 51 + 110 + 181 + 232 \\ 617 &:= 3^4 + 5^1 + 10^0 + 20^0 + 23^2 = 34 + 51 + 100 + 200 + 232 & 617 &:= 4^3 + 6^1 + 11^0 + 17^1 + 23^2 = 43 + 61 + 110 + 171 + 232 \\ 617 &:= 3^4 + 5^1 + 11^0 + 19^0 + 23^2 = 34 + 51 + 110 + 190 + 232 & 617 &:= 4^3 + 7^1 + 11^0 + 16^1 + 23^2 = 43 + 71 + 110 + 161 + 232 \\ 617 &:= 3^4 + 5^1 + 12^0 + 18^0 + 23^2 = 34 + 51 + 120 + 180 + 232 & 617 &:= 4^3 + 8^1 + 11^0 + 15^1 + 23^2 = 43 + 81 + 110 + 151 + 232 \\ 617 &:= 3^4 + 5^1 + 13^0 + 17^0 + 23^2 = 34 + 51 + 130 + 170 + 232 & 617 &:= 4^3 + 9^1 + 11^0 + 14^1 + 23^2 = 43 + 91 + 110 + 141 + 232 \\ 617 &:= 3^4 + 5^1 + 14^0 + 16^0 + 23^2 = 34 + 51 + 140 + 160 + 232 & 617 &:= 5^0 + 10^2 + 10^2 + 16^1 + 20^2 = 50 + 102 + 102 + 161 + 202 \\ 617 &:= 3^4 + 5^1 + 15^0 + 15^0 + 23^2 = 34 + 51 + 150 + 150 + 232 & 617 &:= 5^0 + 11^2 + 14^1 + 15^2 + 16^2 = 50 + 112 + 141 + 152 + 162 \\ 617 &:= 3^4 + 5^1 + 6^0 + 23^2 + 24^0 = 34 + 51 + 60 + 232 + 240 & 617 &:= 5^0 + 12^2 + 13^2 + 14^1 + 17^2 = 50 + 122 + 132 + 141 + 172 \\ 617 &:= 3^4 + 5^1 + 7^0 + 23^0 + 23^2 = 34 + 51 + 70 + 230 + 232 & 617 &:= 5^0 + 5^3 + 7^2 + 21^2 + 23^0 = 50 + 53 + 72 + 212 + 230 \\ 617 &:= 3^4 + 5^1 + 8^0 + 22^0 + 23^2 = 34 + 51 + 80 + 220 + 232 & 617 &:= 5^0 + 6^2 + 11^2 + 18^1 + 21^2 = 50 + 62 + 112 + 181 + 212 \\ 617 &:= 3^4 + 5^1 + 9^0 + 21^0 + 23^2 = 34 + 51 + 90 + 210 + 232 & 617 &:= 5^0 + 7^2 + 8^2 + 19^1 + 22^2 = 50 + 72 + 82 + 191 + 222 \\ 617 &:= 4^0 + 5^3 + 7^2 + 21^2 + 24^0 = 40 + 53 + 72 + 212 + 240 & 617 &:= 5^0 + 8^2 + 8^3 + 13^1 + 27^1 = 50 + 82 + 83 + 131 + 271 \\ 617 &:= 4^1 + 10^2 + 15^0 + 16^2 + 16^2 = 41 + 102 + 150 + 162 + 162 & 617 &:= 5^0 + 8^2 + 8^3 + 14^1 + 26^1 = 50 + 82 + 83 + 141 + 261 \\ 617 &:= 4^1 + 12^2 + 12^2 + 15^0 + 18^2 = 41 + 122 + 122 + 150 + 182 & 617 &:= 5^0 + 8^2 + 8^3 + 15^1 + 25^1 = 50 + 82 + 83 + 151 + 251 \\ 617 &:= 4^1 + 4^2 + 14^2 + 19^0 + 20^2 = 41 + 42 + 142 + 190 + 202 & 617 &:= 5^0 + 8^2 + 8^3 + 16^1 + 24^1 = 50 + 82 + 83 + 161 + 241 \\ 617 &:= 4^1 + 4^3 + 11^0 + 19^1 + 23^2 = 41 + 43 + 110 + 191 + 232 & 617 &:= 5^0 + 8^2 + 8^3 + 17^1 + 23^1 = 50 + 82 + 83 + 171 + 231 \\ 617 &:= 4^1 + 7^3 + 13^1 + 16^2 + 21^0 = 41 + 73 + 131 + 162 + 210 & 617 &:= 5^0 + 8^2 + 8^3 + 18^1 + 22^1 = 50 + 82 + 83 + 181 + 221 \\ 617 &:= 4^1 + 8^2 + 8^2 + 19^0 + 22^2 = 41 + 82 + 82 + 190 + 222 & 617 &:= 5^0 + 8^2 + 8^3 + 19^1 + 21^1 = 50 + 82 + 83 + 191 + 211 \\ 617 &:= 4^1 + 8^3 + 9^2 + 19^1 + 21^0 = 41 + 83 + 92 + 191 + 210 & 617 &:= 5^0 + 8^2 + 8^3 + 20^1 + 20^1 = 50 + 82 + 83 + 201 + 201 \\ 617 &:= 4^2 + 4^2 + 8^1 + 21^0 + 24^2 = 42 + 42 + 81 + 210 + 242 & 617 &:= 5^0 + 9^2 + 14^2 + 15^1 + 18^2 = 50 + 92 + 142 + 151 + 182 \\ 617 &:= 4^2 + 5^0 + 7^2 + 22^1 + 23^2 = 42 + 50 + 72 + 221 + 232 & 617 &:= 5^1 + 5^2 + 15^2 + 17^0 + 19^2 = 51 + 52 + 152 + 170 + 192 \\ 617 &:= 4^2 + 7^0 + 7^3 + 16^2 + 27^0 = 42 + 70 + 73 + 162 + 270 & 617 &:= 5^1 + 7^2 + 11^2 + 17^0 + 21^2 = 51 + 72 + 112 + 170 + 212 \\ 617 &:= 4^2 + 7^1 + 8^2 + 19^0 + 23^2 = 42 + 71 + 82 + 190 + 232 & 617 &:= 5^1 + 7^3 + 12^1 + 16^2 + 21^0 = 51 + 73 + 121 + 162 + 210 \\ 617 &:= 4^2 + 7^3 + 10^0 + 16^2 + 24^0 = 42 + 73 + 100 + 162 + 240 & 617 &:= 5^1 + 8^3 + 9^2 + 18^1 + 21^0 = 51 + 83 + 92 + 181 + 210 \\ 617 &:= 4^2 + 7^3 + 11^0 + 16^2 + 23^0 = 42 + 73 + 110 + 162 + 230 & 617 &:= 5^1 + 9^2 + 13^2 + 15^0 + 19^2 = 51 + 92 + 132 + 150 + 192 \\ 617 &:= 4^2 + 7^3 + 12^0 + 16^2 + 22^0 = 42 + 73 + 120 + 162 + 220 & 617 &:= 5^2 + 11^0 + 11^1 + 16^2 + 18^2 = 52 + 110 + 111 + 162 + 182 \\ 617 &:= 4^2 + 7^3 + 13^0 + 16^2 + 21^0 = 42 + 73 + 130 + 162 + 210 & 617 &:= 5^2 + 6^1 + 12^2 + 17^0 + 21^2 = 52 + 61 + 122 + 170 + 212 \\ 617 &:= 4^2 + 7^3 + 14^0 + 16^2 + 20^0 = 42 + 73 + 140 + 162 + 200 & 617 &:= 5^2 + 7^1 + 10^2 + 17^0 + 22^2 = 52 + 71 + 102 + 170 + 222 \\ 617 &:= 4^2 + 7^3 + 15^0 + 16^2 + 19^0 = 42 + 73 + 150 + 162 + 190 & 617 &:= 5^2 + 7^2 + 13^0 + 13^1 + 23^2 = 52 + 72 + 130 + 131 + 232 \\ 617 &:= 4^2 + 7^3 + 16^0 + 16^2 + 18^0 = 42 + 73 + 160 + 162 + 180 & 617 &:= 5^2 + 9^0 + 13^1 + 17^2 + 17^2 = 52 + 90 + 131 + 172 + 172 \end{aligned}$$

$$\begin{aligned}
 617 &:= 5^3 + 6^0 + 7^2 + 21^2 + 22^0 = 53 + 60 + 72 + 212 + 220 \\
 617 &:= 5^3 + 7^0 + 7^2 + 21^0 + 21^2 = 53 + 70 + 72 + 210 + 212 \\
 617 &:= 5^3 + 7^2 + 10^0 + 18^0 + 21^2 = 53 + 72 + 100 + 180 + 212 \\
 617 &:= 5^3 + 7^2 + 11^0 + 17^0 + 21^2 = 53 + 72 + 110 + 170 + 212 \\
 617 &:= 5^3 + 7^2 + 12^0 + 16^0 + 21^2 = 53 + 72 + 120 + 160 + 212 \\
 617 &:= 5^3 + 7^2 + 13^0 + 15^0 + 21^2 = 53 + 72 + 130 + 150 + 212 \\
 617 &:= 5^3 + 7^2 + 14^0 + 14^0 + 21^2 = 53 + 72 + 140 + 140 + 212 \\
 617 &:= 5^3 + 7^2 + 8^0 + 20^0 + 21^2 = 53 + 72 + 80 + 200 + 212 \\
 617 &:= 5^3 + 7^2 + 9^0 + 19^0 + 21^2 = 53 + 72 + 90 + 190 + 212 \\
 617 &:= 6^1 + 7^3 + 11^1 + 16^2 + 21^0 = 61 + 73 + 111 + 162 + 210 \\
 617 &:= 6^1 + 8^3 + 9^2 + 17^1 + 21^0 = 61 + 83 + 92 + 171 + 210 \\
 617 &:= 6^2 + 11^0 + 11^1 + 13^2 + 20^2 = 62 + 110 + 111 + 132 + 202 \\
 617 &:= 6^2 + 6^2 + 11^0 + 15^1 + 23^2 = 62 + 62 + 110 + 151 + 232 \\
 617 &:= 6^2 + 9^0 + 9^2 + 15^1 + 22^2 = 62 + 90 + 92 + 151 + 222 \\
 617 &:= 7^0 + 11^2 + 11^2 + 13^1 + 19^2 = 70 + 112 + 112 + 131 + 192 \\
 617 &:= 7^0 + 9^2 + 11^2 + 14^1 + 20^2 = 70 + 92 + 112 + 141 + 202
 \end{aligned}$$

$$\begin{aligned}
 617 &:= 7^1 + 7^3 + 10^1 + 16^2 + 21^0 = 71 + 73 + 101 + 162 + 210 \\
 617 &:= 7^1 + 8^2 + 13^0 + 16^2 + 17^2 = 71 + 82 + 130 + 162 + 172 \\
 617 &:= 7^1 + 8^3 + 9^2 + 16^1 + 21^0 = 71 + 83 + 92 + 161 + 210 \\
 617 &:= 7^2 + 10^1 + 11^0 + 14^2 + 19^2 = 72 + 101 + 110 + 142 + 192 \\
 617 &:= 7^3 + 8^1 + 9^1 + 16^2 + 21^0 = 73 + 81 + 91 + 162 + 210 \\
 617 &:= 8^1 + 8^2 + 12^2 + 13^0 + 20^2 = 81 + 82 + 122 + 130 + 202 \\
 617 &:= 8^1 + 8^3 + 9^2 + 15^1 + 21^0 = 81 + 83 + 92 + 151 + 210 \\
 617 &:= 8^2 + 10^2 + 11^0 + 11^1 + 21^2 = 82 + 102 + 110 + 111 + 212 \\
 617 &:= 8^3 + 9^1 + 9^2 + 14^1 + 21^0 = 83 + 91 + 92 + 141 + 210 \\
 617 &:= 8^3 + 9^2 + 10^1 + 13^1 + 21^0 = 83 + 92 + 101 + 131 + 210 \\
 617 &:= 8^3 + 9^2 + 11^1 + 12^1 + 21^0 = 83 + 92 + 111 + 121 + 210 \\
 617 &:= 9^0 + 10^1 + 11^2 + 14^2 + 17^2 = 90 + 101 + 112 + 142 + 172 \\
 617 &:= 9^0 + 10^2 + 11^1 + 12^2 + 19^2 = 90 + 102 + 111 + 122 + 192 \\
 617 &:= 9^0 + 9^2 + 9^2 + 13^1 + 21^2 = 90 + 92 + 92 + 131 + 212
 \end{aligned}$$

2.2.519 Number 618

$$\begin{aligned}
 618 &:= 1^3 + 6^3 + 20^2 + 34^0 = 13 + 63 + 202 + 340 \\
 618 &:= 2^3 + 5^3 + 22^2 + 32^0 = 23 + 53 + 222 + 320 \\
 618 &:= 2^4 + 5^2 + 24^2 + 30^0 = 24 + 52 + 242 + 300 \\
 618 &:= 2^5 + 9^1 + 24^2 + 26^0 = 25 + 91 + 242 + 260 \\
 618 &:= 3^4 + 8^3 + 24^1 + 26^0 = 34 + 83 + 241 + 260 \\
 618 &:= 3^5 + 13^1 + 19^2 + 26^0 = 35 + 131 + 192 + 260 \\
 618 &:= 4^4 + 7^3 + 18^1 + 32^0 = 44 + 73 + 181 + 320 \\
 618 &:= 1^0 + 2^5 + 8^1 + 24^2 + 26^0 = 10 + 25 + 81 + 242 + 260 \\
 618 &:= 1^0 + 3^4 + 8^3 + 23^1 + 26^0 = 10 + 34 + 83 + 231 + 260 \\
 618 &:= 1^0 + 3^5 + 12^1 + 19^2 + 26^0 = 10 + 35 + 121 + 192 + 260 \\
 618 &:= 1^1 + 2^4 + 10^0 + 24^1 + 24^2 = 11 + 24 + 100 + 241 + 242 \\
 618 &:= 1^1 + 6^3 + 12^2 + 16^2 + 26^0 = 11 + 63 + 122 + 162 + 260 \\
 618 &:= 1^2 + 3^3 + 13^1 + 20^0 + 24^2 = 12 + 33 + 131 + 200 + 242 \\
 618 &:= 1^2 + 4^3 + 10^0 + 23^1 + 23^2 = 12 + 43 + 100 + 231 + 232 \\
 618 &:= 1^2 + 5^3 + 7^1 + 22^2 + 26^0 = 12 + 53 + 71 + 222 + 260 \\
 618 &:= 1^2 + 6^2 + 16^2 + 18^2 + 20^0 = 12 + 62 + 162 + 182 + 200 \\
 618 &:= 1^2 + 7^3 + 16^2 + 17^1 + 20^0 = 12 + 73 + 162 + 171 + 200 \\
 618 &:= 1^2 + 8^3 + 9^2 + 20^0 + 23^1 = 12 + 83 + 92 + 200 + 231 \\
 618 &:= 1^3 + 11^1 + 11^2 + 16^0 + 22^2 = 13 + 111 + 112 + 160 + 222 \\
 618 &:= 1^3 + 3^1 + 17^2 + 18^2 + 22^0 = 13 + 31 + 172 + 182 + 220
 \end{aligned}$$

$$\begin{aligned}
 618 &:= 1^3 + 4^1 + 6^2 + 24^2 + 26^0 = 13 + 41 + 62 + 242 + 260 \\
 618 &:= 1^3 + 4^2 + 8^0 + 24^1 + 24^2 = 13 + 42 + 80 + 241 + 242 \\
 618 &:= 1^3 + 5^2 + 15^1 + 16^0 + 24^2 = 13 + 52 + 151 + 160 + 242 \\
 618 &:= 1^3 + 6^0 + 14^2 + 20^1 + 20^2 = 13 + 60 + 142 + 201 + 202 \\
 618 &:= 1^3 + 6^0 + 8^2 + 23^1 + 23^2 = 13 + 60 + 82 + 231 + 232 \\
 618 &:= 1^3 + 6^1 + 13^2 + 20^0 + 21^2 = 13 + 61 + 132 + 200 + 212 \\
 618 &:= 1^3 + 6^1 + 9^2 + 22^0 + 23^2 = 13 + 61 + 92 + 220 + 232 \\
 618 &:= 1^6 + 2^9 + 9^2 + 23^1 + 25^0 = 16 + 29 + 92 + 231 + 250 \\
 618 &:= 1^9 + 2^4 + 17^2 + 17^2 + 23^1 = 19 + 24 + 172 + 172 + 231 \\
 618 &:= 1^9 + 2^5 + 10^2 + 22^2 + 25^0 = 19 + 25 + 102 + 222 + 250 \\
 618 &:= 1^9 + 2^6 + 11^0 + 23^1 + 23^2 = 19 + 26 + 110 + 231 + 232 \\
 618 &:= 1^9 + 3^4 + 16^2 + 16^2 + 24^1 = 19 + 34 + 162 + 162 + 241 \\
 618 &:= 2^0 + 2^3 + 10^2 + 22^2 + 25^1 = 20 + 23 + 102 + 222 + 251 \\
 618 &:= 2^0 + 2^3 + 12^2 + 21^2 + 24^1 = 20 + 23 + 122 + 212 + 241 \\
 618 &:= 2^0 + 2^3 + 15^2 + 19^2 + 23^1 = 20 + 23 + 152 + 192 + 231 \\
 618 &:= 2^0 + 2^5 + 8^1 + 24^2 + 25^0 = 20 + 25 + 81 + 242 + 250 \\
 618 &:= 2^0 + 3^3 + 9^2 + 22^2 + 25^1 = 20 + 33 + 92 + 222 + 251 \\
 618 &:= 2^0 + 3^4 + 8^3 + 23^1 + 25^0 = 20 + 34 + 83 + 231 + 250 \\
 618 &:= 2^0 + 3^5 + 12^1 + 19^2 + 25^0 = 20 + 35 + 121 + 192 + 250 \\
 618 &:= 2^0 + 4^3 + 13^2 + 19^2 + 23^1 = 20 + 43 + 132 + 192 + 231
 \end{aligned}$$

$$\begin{aligned} 618 &:= 2^0 + 4^4 + 10^1 + 18^2 + 27^1 = 20 + 44 + 101 + 182 + 271 & 618 &:= 2^5 + 8^0 + 8^1 + 19^0 + 24^2 = 25 + 80 + 81 + 190 + 242 \\ 618 &:= 2^0 + 4^4 + 11^1 + 18^2 + 26^1 = 20 + 44 + 111 + 182 + 261 & 618 &:= 2^5 + 8^1 + 10^0 + 17^0 + 24^2 = 25 + 81 + 100 + 170 + 242 \\ 618 &:= 2^0 + 4^4 + 12^1 + 18^2 + 25^1 = 20 + 44 + 121 + 182 + 251 & 618 &:= 2^5 + 8^1 + 11^0 + 16^0 + 24^2 = 25 + 81 + 110 + 160 + 242 \\ 618 &:= 2^0 + 4^4 + 13^1 + 18^2 + 24^1 = 20 + 44 + 131 + 182 + 241 & 618 &:= 2^5 + 8^1 + 12^0 + 15^0 + 24^2 = 25 + 81 + 120 + 150 + 242 \\ 618 &:= 2^0 + 4^4 + 14^1 + 18^2 + 23^1 = 20 + 44 + 141 + 182 + 231 & 618 &:= 2^5 + 8^1 + 13^0 + 14^0 + 24^2 = 25 + 81 + 130 + 140 + 242 \\ 618 &:= 2^0 + 4^4 + 15^1 + 18^2 + 22^1 = 20 + 44 + 151 + 182 + 221 & 618 &:= 2^5 + 8^1 + 9^0 + 18^0 + 24^2 = 25 + 81 + 90 + 180 + 242 \\ 618 &:= 2^0 + 4^4 + 16^1 + 18^2 + 21^1 = 20 + 44 + 161 + 182 + 211 & 618 &:= 2^6 + 2^9 + 4^2 + 25^1 + 27^0 = 26 + 29 + 42 + 251 + 270 \\ 618 &:= 2^0 + 4^4 + 17^1 + 18^2 + 20^1 = 20 + 44 + 171 + 182 + 201 & 618 &:= 2^7 + 2^7 + 11^1 + 18^2 + 27^1 = 27 + 27 + 111 + 182 + 271 \\ 618 &:= 2^0 + 4^4 + 18^1 + 18^2 + 19^1 = 20 + 44 + 181 + 182 + 191 & 618 &:= 2^7 + 2^7 + 12^1 + 18^2 + 26^1 = 27 + 27 + 121 + 182 + 261 \\ 618 &:= 2^0 + 5^3 + 12^2 + 18^2 + 24^1 = 20 + 53 + 122 + 182 + 241 & 618 &:= 2^7 + 2^7 + 13^1 + 18^2 + 25^1 = 27 + 27 + 131 + 182 + 251 \\ 618 &:= 2^1 + 2^4 + 10^0 + 23^1 + 24^2 = 21 + 24 + 100 + 231 + 242 & 618 &:= 2^7 + 2^7 + 14^1 + 18^2 + 24^1 = 27 + 27 + 141 + 182 + 241 \\ 618 &:= 2^1 + 5^3 + 7^2 + 21^2 + 26^0 = 21 + 53 + 72 + 212 + 260 & 618 &:= 2^7 + 2^7 + 15^1 + 18^2 + 23^1 = 27 + 27 + 151 + 182 + 231 \\ 618 &:= 2^2 + 3^3 + 10^1 + 22^0 + 24^2 = 22 + 33 + 101 + 220 + 242 & 618 &:= 2^7 + 2^7 + 16^1 + 18^2 + 22^1 = 27 + 27 + 161 + 182 + 221 \\ 618 &:= 2^2 + 4^3 + 12^0 + 20^1 + 23^2 = 22 + 43 + 120 + 201 + 232 & 618 &:= 2^7 + 2^7 + 17^1 + 18^2 + 21^1 = 27 + 27 + 171 + 182 + 211 \\ 618 &:= 2^2 + 7^3 + 14^1 + 16^2 + 22^0 = 22 + 73 + 141 + 162 + 220 & 618 &:= 2^7 + 2^7 + 18^1 + 18^2 + 20^1 = 27 + 27 + 181 + 182 + 201 \\ 618 &:= 2^2 + 8^2 + 15^2 + 18^0 + 18^2 = 22 + 82 + 152 + 180 + 182 & 618 &:= 2^7 + 2^7 + 18^2 + 19^1 + 19^1 = 27 + 27 + 182 + 191 + 191 \\ 618 &:= 2^2 + 8^3 + 9^2 + 20^1 + 22^0 = 22 + 83 + 92 + 201 + 220 & 618 &:= 3^0 + 3^4 + 8^3 + 23^1 + 24^0 = 30 + 34 + 83 + 231 + 240 \\ 618 &:= 2^3 + 12^0 + 13^1 + 14^2 + 20^2 = 23 + 120 + 131 + 142 + 202 & 618 &:= 3^0 + 3^5 + 12^1 + 19^2 + 24^0 = 30 + 35 + 121 + 192 + 240 \\ 618 &:= 2^3 + 3^2 + 8^0 + 24^1 + 24^2 = 23 + 32 + 80 + 241 + 242 & 618 &:= 3^2 + 3^3 + 5^1 + 24^2 + 26^0 = 32 + 33 + 51 + 242 + 260 \\ 618 &:= 2^3 + 4^1 + 11^2 + 22^0 + 22^2 = 23 + 41 + 112 + 220 + 222 & 618 &:= 3^2 + 4^2 + 4^2 + 24^2 + 26^0 = 32 + 42 + 42 + 242 + 260 \\ 618 &:= 2^3 + 4^2 + 14^0 + 17^1 + 24^2 = 23 + 42 + 140 + 171 + 242 & 618 &:= 3^2 + 4^3 + 15^1 + 16^0 + 23^2 = 32 + 43 + 151 + 160 + 232 \\ 618 &:= 2^3 + 5^2 + 8^1 + 22^0 + 24^2 = 23 + 52 + 81 + 220 + 242 & 618 &:= 3^2 + 7^3 + 9^1 + 16^2 + 26^0 = 32 + 73 + 91 + 162 + 260 \\ 618 &:= 2^3 + 8^2 + 12^0 + 16^1 + 23^2 = 23 + 82 + 120 + 161 + 232 & 618 &:= 3^2 + 8^2 + 12^2 + 18^0 + 20^2 = 32 + 82 + 122 + 180 + 202 \\ 618 &:= 2^4 + 10^0 + 10^1 + 15^1 + 24^2 = 24 + 100 + 101 + 151 + 242 & 618 &:= 3^2 + 8^3 + 9^2 + 15^1 + 26^0 = 32 + 83 + 92 + 151 + 260 \\ 618 &:= 2^4 + 10^0 + 11^1 + 14^1 + 24^2 = 24 + 100 + 111 + 141 + 242 & 618 &:= 3^3 + 10^1 + 14^0 + 16^2 + 18^2 = 33 + 101 + 140 + 162 + 182 \\ 618 &:= 2^4 + 10^0 + 12^1 + 13^1 + 24^2 = 24 + 100 + 121 + 131 + 242 & 618 &:= 3^3 + 12^0 + 12^1 + 17^2 + 17^2 = 33 + 120 + 121 + 172 + 172 \\ 618 &:= 2^4 + 3^1 + 10^0 + 22^1 + 24^2 = 24 + 31 + 100 + 221 + 242 & 618 &:= 3^3 + 4^0 + 13^2 + 20^2 + 21^1 = 33 + 40 + 132 + 202 + 211 \\ 618 &:= 2^4 + 4^1 + 10^0 + 21^1 + 24^2 = 24 + 41 + 100 + 211 + 242 & 618 &:= 3^3 + 4^0 + 6^2 + 23^2 + 25^1 = 33 + 40 + 62 + 232 + 251 \\ 618 &:= 2^4 + 5^1 + 10^0 + 20^1 + 24^2 = 24 + 51 + 100 + 201 + 242 & 618 &:= 3^3 + 4^1 + 15^2 + 19^2 + 20^0 = 33 + 41 + 152 + 192 + 200 \\ 618 &:= 2^4 + 6^1 + 10^0 + 19^1 + 24^2 = 24 + 61 + 100 + 191 + 242 & 618 &:= 3^3 + 5^1 + 12^2 + 20^0 + 21^2 = 33 + 51 + 122 + 200 + 212 \\ 618 &:= 2^4 + 7^1 + 10^0 + 18^1 + 24^2 = 24 + 71 + 100 + 181 + 242 & 618 &:= 3^3 + 6^1 + 10^2 + 20^0 + 22^2 = 33 + 61 + 102 + 200 + 222 \\ 618 &:= 2^4 + 8^1 + 10^0 + 17^1 + 24^2 = 24 + 81 + 100 + 171 + 242 & 618 &:= 3^3 + 7^2 + 12^1 + 16^0 + 23^2 = 33 + 72 + 121 + 160 + 232 \\ 618 &:= 2^4 + 9^1 + 10^0 + 16^1 + 24^2 = 24 + 91 + 100 + 161 + 242 & 618 &:= 3^4 + 4^0 + 8^3 + 23^0 + 23^1 = 34 + 40 + 83 + 230 + 231 \\ 618 &:= 2^5 + 3^0 + 8^1 + 24^0 + 24^2 = 25 + 30 + 81 + 240 + 242 & 618 &:= 3^4 + 5^0 + 8^3 + 22^0 + 23^1 = 34 + 50 + 83 + 220 + 231 \\ 618 &:= 2^5 + 4^0 + 8^1 + 23^0 + 24^2 = 25 + 40 + 81 + 230 + 242 & 618 &:= 3^4 + 6^0 + 8^3 + 21^0 + 23^1 = 34 + 60 + 83 + 210 + 231 \\ 618 &:= 2^5 + 5^0 + 8^1 + 22^0 + 24^2 = 25 + 50 + 81 + 220 + 242 & 618 &:= 3^4 + 7^0 + 8^3 + 20^0 + 23^1 = 34 + 70 + 83 + 200 + 231 \\ 618 &:= 2^5 + 6^0 + 8^1 + 21^0 + 24^2 = 25 + 60 + 81 + 210 + 242 & 618 &:= 3^4 + 8^0 + 8^3 + 19^0 + 23^1 = 34 + 80 + 83 + 190 + 231 \\ 618 &:= 2^5 + 7^0 + 8^1 + 20^0 + 24^2 = 25 + 70 + 81 + 200 + 242 & 618 &:= 3^4 + 8^3 + 10^0 + 17^0 + 23^1 = 34 + 83 + 100 + 170 + 231 \end{aligned}$$

$$\begin{aligned} 618 &:= 3^4 + 8^3 + 11^0 + 16^0 + 23^1 = 34 + 83 + 110 + 160 + 231 \\ 618 &:= 3^4 + 8^3 + 12^0 + 15^0 + 23^1 = 34 + 83 + 120 + 150 + 231 \\ 618 &:= 3^4 + 8^3 + 13^0 + 14^0 + 23^1 = 34 + 83 + 130 + 140 + 231 \\ 618 &:= 3^4 + 8^3 + 9^0 + 18^0 + 23^1 = 34 + 83 + 90 + 180 + 231 \\ 618 &:= 3^5 + 10^0 + 12^1 + 17^0 + 19^2 = 35 + 100 + 121 + 170 + 192 \\ 618 &:= 3^5 + 11^0 + 12^1 + 16^0 + 19^2 = 35 + 110 + 121 + 160 + 192 \\ 618 &:= 3^5 + 12^0 + 12^1 + 15^0 + 19^2 = 35 + 120 + 121 + 150 + 192 \\ 618 &:= 3^5 + 12^1 + 13^0 + 14^0 + 19^2 = 35 + 121 + 130 + 140 + 192 \\ 618 &:= 3^5 + 4^0 + 12^1 + 19^2 + 23^0 = 35 + 40 + 121 + 192 + 230 \\ 618 &:= 3^5 + 5^0 + 12^1 + 19^2 + 22^0 = 35 + 50 + 121 + 192 + 220 \\ 618 &:= 3^5 + 6^0 + 12^1 + 19^2 + 21^0 = 35 + 60 + 121 + 192 + 210 \\ 618 &:= 3^5 + 7^0 + 12^1 + 19^2 + 20^0 = 35 + 70 + 121 + 192 + 200 \\ 618 &:= 3^5 + 8^0 + 12^1 + 19^0 + 19^2 = 35 + 80 + 121 + 190 + 192 \\ 618 &:= 3^5 + 9^0 + 12^1 + 18^0 + 19^2 = 35 + 90 + 121 + 180 + 192 \\ 618 &:= 4^0 + 5^2 + 5^3 + 21^2 + 26^1 = 40 + 52 + 53 + 212 + 261 \\ 618 &:= 4^0 + 6^3 + 11^2 + 16^2 + 24^1 = 40 + 63 + 112 + 162 + 241 \\ 618 &:= 4^1 + 4^3 + 15^2 + 18^2 + 20^0 = 41 + 43 + 152 + 182 + 200 \\ 618 &:= 4^1 + 6^2 + 6^3 + 19^2 + 26^0 = 41 + 62 + 63 + 192 + 260 \\ 618 &:= 4^2 + 4^2 + 12^2 + 20^0 + 21^2 = 42 + 42 + 122 + 200 + 212 \\ 618 &:= 4^2 + 4^3 + 8^1 + 22^0 + 23^2 = 42 + 43 + 81 + 220 + 232 \\ 618 &:= 4^2 + 6^2 + 6^2 + 22^0 + 23^2 = 42 + 62 + 62 + 220 + 232 \\ 618 &:= 4^2 + 6^2 + 9^2 + 20^0 + 22^2 = 42 + 62 + 92 + 200 + 222 \\ 618 &:= 4^2 + 6^3 + 8^0 + 19^2 + 24^1 = 42 + 63 + 80 + 192 + 241 \\ 618 &:= 4^2 + 8^2 + 8^3 + 16^0 + 25^1 = 42 + 82 + 83 + 160 + 251 \\ 618 &:= 4^2 + 9^2 + 14^2 + 16^0 + 18^2 = 42 + 92 + 142 + 160 + 182 \\ 618 &:= 4^3 + 10^2 + 12^1 + 14^0 + 21^2 = 43 + 102 + 121 + 140 + 212 \\ 618 &:= 4^3 + 5^1 + 8^2 + 22^0 + 22^2 = 43 + 51 + 82 + 220 + 222 \\ 618 &:= 4^3 + 7^2 + 8^0 + 20^1 + 22^2 = 43 + 72 + 80 + 201 + 222 \\ 618 &:= 4^3 + 8^0 + 8^3 + 14^1 + 27^1 = 43 + 80 + 83 + 141 + 271 \\ 618 &:= 4^3 + 8^0 + 8^3 + 15^1 + 26^1 = 43 + 80 + 83 + 151 + 261 \\ 618 &:= 4^3 + 8^0 + 8^3 + 16^1 + 25^1 = 43 + 80 + 83 + 161 + 251 \\ 618 &:= 4^3 + 8^0 + 8^3 + 17^1 + 24^1 = 43 + 80 + 83 + 171 + 241 \\ 618 &:= 4^3 + 8^0 + 8^3 + 18^1 + 23^1 = 43 + 80 + 83 + 181 + 231 \\ 618 &:= 4^3 + 8^0 + 8^3 + 19^1 + 22^1 = 43 + 80 + 83 + 191 + 221 \\ 618 &:= 4^3 + 8^0 + 8^3 + 20^1 + 21^1 = 43 + 80 + 83 + 201 + 211 \\ 618 &:= 4^3 + 8^1 + 16^0 + 16^2 + 17^2 = 43 + 81 + 160 + 162 + 172 \\ 618 &:= 4^3 + 9^1 + 12^2 + 16^0 + 20^2 = 43 + 91 + 122 + 160 + 202 \\ 618 &:= 4^4 + 6^0 + 6^2 + 18^2 + 27^0 = 44 + 60 + 62 + 182 + 270 \end{aligned}$$

$$\begin{aligned} 618 &:= 4^4 + 6^0 + 7^3 + 17^1 + 27^0 = 44 + 60 + 73 + 171 + 270 \\ 618 &:= 4^4 + 6^2 + 10^0 + 18^2 + 23^0 = 44 + 62 + 100 + 182 + 230 \\ 618 &:= 4^4 + 6^2 + 11^0 + 18^2 + 22^0 = 44 + 62 + 110 + 182 + 220 \\ 618 &:= 4^4 + 6^2 + 12^0 + 18^2 + 21^0 = 44 + 62 + 120 + 182 + 210 \\ 618 &:= 4^4 + 6^2 + 13^0 + 18^2 + 20^0 = 44 + 62 + 130 + 182 + 200 \\ 618 &:= 4^4 + 6^2 + 14^0 + 18^2 + 19^0 = 44 + 62 + 140 + 182 + 190 \\ 618 &:= 4^4 + 6^2 + 15^0 + 18^0 + 18^2 = 44 + 62 + 150 + 180 + 182 \\ 618 &:= 4^4 + 6^2 + 16^0 + 17^0 + 18^2 = 44 + 62 + 160 + 170 + 182 \\ 618 &:= 4^4 + 6^2 + 7^0 + 18^2 + 26^0 = 44 + 62 + 70 + 182 + 260 \\ 618 &:= 4^4 + 6^2 + 8^0 + 18^2 + 25^0 = 44 + 62 + 80 + 182 + 250 \\ 618 &:= 4^4 + 6^2 + 9^0 + 18^2 + 24^0 = 44 + 62 + 90 + 182 + 240 \\ 618 &:= 4^4 + 7^0 + 7^3 + 17^1 + 26^0 = 44 + 70 + 73 + 171 + 260 \\ 618 &:= 4^4 + 7^3 + 10^0 + 17^1 + 23^0 = 44 + 73 + 100 + 171 + 230 \\ 618 &:= 4^4 + 7^3 + 11^0 + 17^1 + 22^0 = 44 + 73 + 110 + 171 + 220 \\ 618 &:= 4^4 + 7^3 + 12^0 + 17^1 + 21^0 = 44 + 73 + 120 + 171 + 210 \\ 618 &:= 4^4 + 7^3 + 13^0 + 17^1 + 20^0 = 44 + 73 + 130 + 171 + 200 \\ 618 &:= 4^4 + 7^3 + 14^0 + 17^1 + 19^0 = 44 + 73 + 140 + 171 + 190 \\ 618 &:= 4^4 + 7^3 + 15^0 + 17^1 + 18^0 = 44 + 73 + 150 + 171 + 180 \\ 618 &:= 4^4 + 7^3 + 16^0 + 17^0 + 17^1 = 44 + 73 + 160 + 170 + 171 \\ 618 &:= 4^4 + 7^3 + 8^0 + 17^1 + 25^0 = 44 + 73 + 80 + 171 + 250 \\ 618 &:= 4^4 + 7^3 + 9^0 + 17^1 + 24^0 = 44 + 73 + 90 + 171 + 240 \\ 618 &:= 5^1 + 7^3 + 10^2 + 13^2 + 26^0 = 51 + 73 + 102 + 132 + 260 \\ 618 &:= 5^2 + 6^3 + 15^1 + 16^0 + 19^2 = 52 + 63 + 151 + 160 + 192 \\ 618 &:= 5^2 + 7^3 + 10^0 + 15^2 + 24^1 = 52 + 73 + 100 + 152 + 241 \\ 618 &:= 5^2 + 8^2 + 8^3 + 16^1 + 24^0 = 52 + 82 + 83 + 161 + 240 \\ 618 &:= 5^3 + 10^1 + 11^2 + 16^0 + 19^2 = 53 + 101 + 112 + 160 + 192 \\ 618 &:= 5^3 + 11^1 + 14^0 + 15^2 + 16^2 = 53 + 111 + 140 + 152 + 162 \\ 618 &:= 5^3 + 6^2 + 14^0 + 15^1 + 21^2 = 53 + 62 + 140 + 151 + 212 \\ 618 &:= 5^3 + 7^1 + 14^2 + 17^2 + 18^0 = 53 + 71 + 142 + 172 + 180 \\ 618 &:= 5^3 + 9^2 + 11^1 + 16^0 + 20^2 = 53 + 92 + 111 + 160 + 202 \\ 618 &:= 6^2 + 10^2 + 14^0 + 15^2 + 16^2 = 62 + 102 + 140 + 152 + 162 \\ 618 &:= 6^2 + 6^2 + 16^0 + 16^2 + 17^2 = 62 + 62 + 160 + 162 + 172 \\ 618 &:= 6^2 + 7^2 + 8^3 + 20^0 + 20^1 = 62 + 72 + 83 + 200 + 201 \\ 618 &:= 6^2 + 7^3 + 13^1 + 15^2 + 20^0 = 62 + 73 + 131 + 152 + 200 \\ 618 &:= 6^2 + 9^2 + 10^2 + 16^0 + 20^2 = 62 + 92 + 102 + 160 + 202 \\ 618 &:= 6^3 + 10^2 + 12^1 + 16^0 + 17^2 = 63 + 102 + 121 + 160 + 172 \\ 618 &:= 6^3 + 7^1 + 13^2 + 15^2 + 20^0 = 63 + 71 + 132 + 152 + 200 \\ 618 &:= 6^3 + 8^2 + 13^1 + 16^0 + 18^2 = 63 + 82 + 131 + 160 + 182 \end{aligned}$$

$$618 := 6^3 + 9^1 + 14^2 + 14^2 + 18^0 = 63 + 91 + 142 + 142 + 180$$

$$618 := 7^2 + 10^2 + 12^2 + 14^0 + 18^2 = 72 + 102 + 122 + 140 + 182$$

$$618 := 7^3 + 8^0 + 9^2 + 13^2 + 24^1 = 73 + 80 + 92 + 132 + 241$$

$$618 := 7^3 + 8^2 + 14^1 + 14^2 + 18^0 = 73 + 82 + 141 + 142 + 180$$

$$618 := 7^3 + 9^1 + 11^2 + 12^2 + 22^0 = 73 + 91 + 112 + 122 + 220$$

$$618 := 9^2 + 12^0 + 12^2 + 14^2 + 14^2 = 92 + 120 + 122 + 142 + 142$$

2.2.520 Number 619

$$619 := 1^2 + 4^4 + 18^2 + 38^1 = 12 + 44 + 182 + 381$$

$$619 := 1^3 + 2^3 + 24^2 + 34^1 = 13 + 23 + 242 + 341$$

$$619 := 1^3 + 4^4 + 19^2 + 37^0 = 13 + 44 + 192 + 370$$

$$619 := 1^4 + 3^2 + 24^2 + 33^1 = 14 + 32 + 242 + 331$$

$$619 := 1^5 + 16^2 + 19^2 + 25^0 = 15 + 162 + 192 + 250$$

$$619 := 1^9 + 2^8 + 19^2 + 38^0 = 19 + 28 + 192 + 380$$

$$619 := 2^3 + 3^4 + 23^2 + 33^0 = 23 + 34 + 232 + 330$$

$$619 := 2^3 + 6^3 + 19^2 + 34^1 = 23 + 63 + 192 + 341$$

$$619 := 2^4 + 17^2 + 17^2 + 25^1 = 24 + 172 + 172 + 251$$

$$619 := 2^5 + 15^2 + 19^2 + 25^0 = 25 + 152 + 192 + 250$$

$$619 := 2^6 + 11^0 + 23^2 + 25^1 = 26 + 110 + 232 + 251$$

$$619 := 3^3 + 6^2 + 8^3 + 44^1 = 33 + 62 + 83 + 441$$

$$619 := 3^4 + 16^2 + 16^2 + 26^1 = 34 + 162 + 162 + 261$$

$$619 := 3^4 + 5^2 + 8^3 + 45^0 = 34 + 52 + 83 + 450$$

$$619 := 3^5 + 7^3 + 19^0 + 32^1 = 35 + 73 + 190 + 321$$

$$619 := 4^2 + 6^3 + 7^3 + 44^1 = 42 + 63 + 73 + 441$$

$$619 := 1^0 + 2^4 + 17^2 + 17^2 + 24^1 = 10 + 24 + 172 + 172 + 241$$

$$619 := 1^0 + 2^5 + 12^2 + 21^2 + 25^0 = 10 + 25 + 122 + 212 + 250$$

$$619 := 1^0 + 2^6 + 11^0 + 23^2 + 24^1 = 10 + 26 + 110 + 232 + 241$$

$$619 := 1^0 + 3^4 + 16^2 + 16^2 + 25^1 = 10 + 34 + 162 + 162 + 251$$

$$619 := 1^1 + 2^3 + 10^2 + 22^2 + 26^1 = 11 + 23 + 102 + 222 + 261$$

$$619 := 1^1 + 2^3 + 12^2 + 21^2 + 25^1 = 11 + 23 + 122 + 212 + 251$$

$$619 := 1^1 + 2^3 + 15^2 + 19^2 + 24^1 = 11 + 23 + 152 + 192 + 241$$

$$619 := 1^1 + 2^5 + 9^1 + 24^2 + 25^0 = 11 + 25 + 91 + 242 + 250$$

$$619 := 1^1 + 3^3 + 9^2 + 22^2 + 26^1 = 11 + 33 + 92 + 222 + 261$$

$$619 := 1^1 + 3^4 + 8^3 + 24^1 + 25^0 = 11 + 34 + 83 + 241 + 250$$

$$619 := 1^1 + 3^5 + 13^1 + 19^2 + 25^0 = 11 + 35 + 131 + 192 + 250$$

$$619 := 1^1 + 4^3 + 13^2 + 19^2 + 24^1 = 11 + 43 + 132 + 192 + 241$$

$$619 := 1^1 + 4^4 + 11^1 + 18^2 + 27^1 = 11 + 44 + 111 + 182 + 271$$

$$619 := 1^1 + 4^4 + 12^1 + 18^2 + 26^1 = 11 + 44 + 121 + 182 + 261$$

$$619 := 1^1 + 4^4 + 13^1 + 18^2 + 25^1 = 11 + 44 + 131 + 182 + 251$$

$$619 := 1^1 + 4^4 + 14^1 + 18^2 + 24^1 = 11 + 44 + 141 + 182 + 241$$

$$619 := 1^1 + 4^4 + 15^1 + 18^2 + 23^1 = 11 + 44 + 151 + 182 + 231$$

$$619 := 1^1 + 4^4 + 16^1 + 18^2 + 22^1 = 11 + 44 + 161 + 182 + 221$$

$$619 := 1^1 + 4^4 + 17^1 + 18^2 + 21^1 = 11 + 44 + 171 + 182 + 211$$

$$619 := 1^1 + 4^4 + 18^1 + 18^2 + 20^1 = 11 + 44 + 181 + 182 + 201$$

$$619 := 1^1 + 4^4 + 18^2 + 19^1 + 19^1 = 11 + 44 + 182 + 191 + 191$$

$$619 := 1^1 + 5^3 + 12^2 + 18^2 + 25^1 = 11 + 53 + 122 + 182 + 251$$

$$619 := 1^2 + 2^3 + 10^1 + 24^1 + 24^2 = 12 + 23 + 101 + 241 + 242$$

$$619 := 1^2 + 2^3 + 11^1 + 23^1 + 24^2 = 12 + 23 + 111 + 231 + 242$$

$$619 := 1^2 + 2^3 + 12^1 + 22^1 + 24^2 = 12 + 23 + 121 + 221 + 242$$

$$619 := 1^2 + 2^3 + 13^1 + 21^1 + 24^2 = 12 + 23 + 131 + 211 + 242$$

$$619 := 1^2 + 2^3 + 14^1 + 20^1 + 24^2 = 12 + 23 + 141 + 201 + 242$$

$$619 := 1^2 + 2^3 + 15^1 + 19^1 + 24^2 = 12 + 23 + 151 + 191 + 242$$

$$619 := 1^2 + 2^3 + 16^1 + 18^1 + 24^2 = 12 + 23 + 161 + 181 + 242$$

$$619 := 1^2 + 2^3 + 17^1 + 17^1 + 24^2 = 12 + 23 + 171 + 171 + 242$$

$$619 := 1^2 + 2^3 + 7^1 + 24^2 + 27^1 = 12 + 23 + 71 + 242 + 271$$

$$619 := 1^2 + 2^3 + 8^1 + 24^2 + 26^1 = 12 + 23 + 81 + 242 + 261$$

$$619 := 1^2 + 2^3 + 9^1 + 24^2 + 25^1 = 12 + 23 + 91 + 242 + 251$$

$$619 := 1^2 + 2^4 + 9^0 + 24^2 + 25^1 = 12 + 24 + 90 + 242 + 251$$

$$619 := 1^2 + 3^2 + 10^2 + 22^2 + 25^1 = 12 + 32 + 102 + 222 + 251$$

$$619 := 1^2 + 3^2 + 12^2 + 21^2 + 24^1 = 12 + 32 + 122 + 212 + 241$$

$$619 := 1^2 + 3^2 + 15^2 + 19^2 + 23^1 = 12 + 32 + 152 + 192 + 231$$

$$619 := 1^2 + 3^4 + 7^1 + 23^2 + 27^0 = 12 + 34 + 71 + 232 + 270$$

$$619 := 1^2 + 4^2 + 16^2 + 18^2 + 22^1 = 12 + 42 + 162 + 182 + 221$$

$$619 := 1^2 + 7^2 + 15^2 + 18^2 + 20^1 = 12 + 72 + 152 + 182 + 201$$

$$619 := 1^3 + 14^2 + 14^2 + 15^2 + 17^0 = 13 + 142 + 142 + 152 + 170$$

$$619 := 1^3 + 2^2 + 17^2 + 18^2 + 23^0 = 13 + 22 + 172 + 182 + 230$$

$$619 := 1^3 + 3^2 + 10^1 + 23^1 + 24^2 = 13 + 32 + 101 + 231 + 242$$

$$619 := 1^3 + 3^2 + 11^1 + 22^1 + 24^2 = 13 + 32 + 111 + 221 + 242$$

$$619 := 1^3 + 3^2 + 12^1 + 21^1 + 24^2 = 13 + 32 + 121 + 211 + 242$$

$$619 := 1^3 + 3^2 + 13^1 + 20^1 + 24^2 = 13 + 32 + 131 + 201 + 242$$

$$619 := 1^3 + 3^2 + 14^1 + 19^1 + 24^2 = 13 + 32 + 141 + 191 + 242$$

$$619 := 1^3 + 3^2 + 15^1 + 18^1 + 24^2 = 13 + 32 + 151 + 181 + 242$$

$619 := 1^3 + 3^2 + 16^1 + 17^1 + 24^2 = 13 + 32 + 161 + 171 + 242$	$619 := 2^1 + 2^3 + 15^2 + 19^2 + 23^1 = 21 + 23 + 152 + 192 + 231$
$619 := 1^3 + 3^2 + 6^1 + 24^2 + 27^1 = 13 + 32 + 61 + 242 + 271$	$619 := 2^1 + 2^5 + 8^1 + 24^2 + 25^0 = 21 + 25 + 81 + 242 + 250$
$619 := 1^3 + 3^2 + 7^1 + 24^2 + 26^1 = 13 + 32 + 71 + 242 + 261$	$619 := 2^1 + 3^3 + 9^2 + 22^2 + 25^1 = 21 + 33 + 92 + 222 + 251$
$619 := 1^3 + 3^2 + 8^1 + 24^2 + 25^1 = 13 + 32 + 81 + 242 + 251$	$619 := 2^1 + 3^4 + 8^3 + 23^1 + 25^0 = 21 + 34 + 83 + 231 + 250$
$619 := 1^3 + 3^2 + 9^1 + 24^1 + 24^2 = 13 + 32 + 91 + 241 + 242$	$619 := 2^1 + 3^5 + 12^1 + 19^2 + 25^0 = 21 + 35 + 121 + 192 + 250$
$619 := 1^3 + 3^3 + 14^1 + 19^0 + 24^2 = 13 + 33 + 141 + 190 + 242$	$619 := 2^1 + 4^3 + 13^2 + 19^2 + 23^1 = 21 + 43 + 132 + 192 + 231$
$619 := 1^3 + 4^2 + 5^2 + 24^2 + 27^0 = 13 + 42 + 52 + 242 + 270$	$619 := 2^1 + 4^4 + 10^1 + 18^2 + 27^1 = 21 + 44 + 101 + 182 + 271$
$619 := 1^3 + 4^3 + 9^0 + 23^2 + 24^1 = 13 + 43 + 90 + 232 + 241$	$619 := 2^1 + 4^4 + 11^1 + 18^2 + 26^1 = 21 + 44 + 111 + 182 + 261$
$619 := 1^3 + 5^3 + 8^1 + 22^2 + 25^0 = 13 + 53 + 81 + 222 + 250$	$619 := 2^1 + 4^4 + 12^1 + 18^2 + 25^1 = 21 + 44 + 121 + 182 + 251$
$619 := 1^3 + 7^3 + 16^2 + 18^1 + 19^0 = 13 + 73 + 162 + 181 + 190$	$619 := 2^1 + 4^4 + 13^1 + 18^2 + 24^1 = 21 + 44 + 131 + 182 + 241$
$619 := 1^3 + 8^3 + 9^2 + 19^0 + 24^1 = 13 + 83 + 92 + 190 + 241$	$619 := 2^1 + 4^4 + 14^1 + 18^2 + 23^1 = 21 + 44 + 141 + 182 + 231$
$619 := 1^4 + 11^2 + 12^1 + 15^0 + 22^2 = 14 + 112 + 121 + 150 + 222$	$619 := 2^1 + 4^4 + 15^1 + 18^2 + 22^1 = 21 + 44 + 151 + 182 + 221$
$619 := 1^4 + 4^1 + 17^2 + 18^2 + 21^0 = 14 + 41 + 172 + 182 + 210$	$619 := 2^1 + 4^4 + 16^1 + 18^2 + 21^1 = 21 + 44 + 161 + 182 + 211$
$619 := 1^4 + 4^2 + 7^0 + 24^2 + 25^1 = 14 + 42 + 70 + 242 + 251$	$619 := 2^1 + 4^4 + 17^1 + 18^2 + 20^1 = 21 + 44 + 171 + 182 + 201$
$619 := 1^4 + 5^0 + 14^2 + 20^2 + 21^1 = 14 + 50 + 142 + 202 + 211$	$619 := 2^1 + 4^4 + 18^1 + 18^2 + 19^1 = 21 + 44 + 181 + 182 + 191$
$619 := 1^4 + 5^0 + 8^2 + 23^2 + 24^1 = 14 + 50 + 82 + 232 + 241$	$619 := 2^1 + 5^3 + 12^2 + 18^2 + 24^1 = 21 + 53 + 122 + 182 + 241$
$619 := 1^4 + 5^1 + 6^2 + 24^2 + 25^0 = 14 + 51 + 62 + 242 + 250$	$619 := 2^2 + 2^4 + 11^0 + 22^1 + 24^2 = 22 + 24 + 110 + 221 + 242$
$619 := 1^4 + 5^2 + 15^0 + 16^1 + 24^2 = 14 + 52 + 150 + 161 + 242$	$619 := 2^2 + 4^2 + 17^2 + 17^2 + 21^1 = 22 + 42 + 172 + 172 + 211$
$619 := 1^4 + 6^3 + 10^0 + 20^2 + 24^0 = 14 + 63 + 100 + 202 + 240$	$619 := 2^2 + 5^2 + 13^2 + 20^2 + 21^1 = 22 + 52 + 132 + 202 + 211$
$619 := 1^4 + 6^3 + 11^0 + 20^2 + 23^0 = 14 + 63 + 110 + 202 + 230$	$619 := 2^2 + 5^2 + 6^2 + 23^2 + 25^1 = 22 + 52 + 62 + 232 + 251$
$619 := 1^4 + 6^3 + 12^0 + 20^2 + 22^0 = 14 + 63 + 120 + 202 + 220$	$619 := 2^3 + 10^1 + 10^2 + 17^1 + 22^2 = 23 + 101 + 102 + 171 + 222$
$619 := 1^4 + 6^3 + 13^0 + 20^2 + 21^0 = 14 + 63 + 130 + 202 + 210$	$619 := 2^3 + 10^1 + 12^2 + 16^1 + 21^2 = 23 + 101 + 122 + 161 + 212$
$619 := 1^4 + 6^3 + 14^0 + 20^0 + 20^2 = 14 + 63 + 140 + 200 + 202$	$619 := 2^3 + 10^1 + 15^1 + 15^2 + 19^2 = 23 + 101 + 151 + 152 + 192$
$619 := 1^4 + 6^3 + 15^0 + 19^0 + 20^2 = 14 + 63 + 150 + 190 + 202$	$619 := 2^3 + 10^2 + 11^1 + 16^1 + 22^2 = 23 + 102 + 111 + 161 + 222$
$619 := 1^4 + 6^3 + 16^0 + 18^0 + 20^2 = 14 + 63 + 160 + 180 + 202$	$619 := 2^3 + 10^2 + 12^1 + 15^1 + 22^2 = 23 + 102 + 121 + 151 + 222$
$619 := 1^4 + 6^3 + 17^0 + 17^0 + 20^2 = 14 + 63 + 170 + 170 + 202$	$619 := 2^3 + 10^2 + 13^1 + 14^1 + 22^2 = 23 + 102 + 131 + 141 + 222$
$619 := 1^4 + 6^3 + 7^0 + 20^2 + 27^0 = 14 + 63 + 70 + 202 + 270$	$619 := 2^3 + 11^1 + 12^2 + 15^1 + 21^2 = 23 + 111 + 122 + 151 + 212$
$619 := 1^4 + 6^3 + 8^0 + 20^2 + 26^0 = 14 + 63 + 80 + 202 + 260$	$619 := 2^3 + 11^1 + 14^1 + 15^2 + 19^2 = 23 + 111 + 141 + 152 + 192$
$619 := 1^4 + 6^3 + 9^0 + 20^2 + 25^0 = 14 + 63 + 90 + 202 + 250$	$619 := 2^3 + 12^1 + 12^2 + 14^1 + 21^2 = 23 + 121 + 122 + 141 + 212$
$619 := 1^4 + 7^1 + 13^2 + 19^0 + 21^2 = 14 + 71 + 132 + 190 + 212$	$619 := 2^3 + 12^1 + 13^1 + 15^2 + 19^2 = 23 + 121 + 131 + 152 + 192$
$619 := 1^4 + 7^1 + 9^2 + 21^0 + 23^2 = 14 + 71 + 92 + 210 + 232$	$619 := 2^3 + 12^2 + 13^1 + 13^1 + 21^2 = 23 + 122 + 131 + 131 + 212$
$619 := 1^7 + 2^9 + 9^2 + 24^0 + 24^1 = 17 + 29 + 92 + 240 + 241$	$619 := 2^3 + 2^3 + 7^0 + 24^2 + 26^1 = 23 + 23 + 70 + 242 + 261$
$619 := 10^2 + 12^1 + 13^2 + 13^2 + 13^2 = 102 + 121 + 132 + 132 + 132$	$619 := 2^3 + 3^1 + 10^2 + 22^2 + 24^1 = 23 + 31 + 102 + 222 + 241$
$619 := 11^2 + 11^2 + 12^1 + 13^2 + 14^2 = 112 + 112 + 121 + 132 + 142$	$619 := 2^3 + 3^1 + 12^2 + 21^2 + 23^1 = 23 + 31 + 122 + 212 + 231$
$619 := 2^0 + 2^5 + 12^2 + 21^2 + 24^0 = 20 + 25 + 122 + 212 + 240$	$619 := 2^3 + 3^1 + 15^2 + 19^2 + 22^1 = 23 + 31 + 152 + 192 + 221$
$619 := 2^0 + 2^6 + 10^0 + 23^2 + 24^1 = 20 + 26 + 100 + 232 + 241$	$619 := 2^3 + 3^2 + 5^2 + 24^2 + 27^0 = 23 + 32 + 52 + 242 + 270$
$619 := 2^1 + 2^3 + 10^2 + 22^2 + 25^1 = 21 + 23 + 102 + 222 + 251$	$619 := 2^3 + 3^3 + 7^1 + 24^2 + 25^0 = 23 + 33 + 71 + 242 + 250$
$619 := 2^1 + 2^3 + 12^2 + 21^2 + 24^1 = 21 + 23 + 122 + 212 + 241$	$619 := 2^3 + 4^1 + 10^2 + 22^2 + 23^1 = 23 + 41 + 102 + 222 + 231$

$619 := 2^3 + 4^1 + 12^2 + 21^2 + 22^1 = 23 + 41 + 122 + 212 + 221$	$619 := 2^5 + 3^2 + 12^0 + 20^0 + 24^2 = 25 + 32 + 120 + 200 + 242$
$619 := 2^3 + 4^1 + 15^2 + 19^2 + 21^1 = 23 + 41 + 152 + 192 + 211$	$619 := 2^5 + 3^2 + 13^0 + 19^0 + 24^2 = 25 + 32 + 130 + 190 + 242$
$619 := 2^3 + 4^3 + 15^0 + 17^1 + 23^2 = 23 + 43 + 150 + 171 + 232$	$619 := 2^5 + 3^2 + 14^0 + 18^0 + 24^2 = 25 + 32 + 140 + 180 + 242$
$619 := 2^3 + 5^1 + 10^2 + 22^1 + 22^2 = 23 + 51 + 102 + 221 + 222$	$619 := 2^5 + 3^2 + 15^0 + 17^0 + 24^2 = 25 + 32 + 150 + 170 + 242$
$619 := 2^3 + 5^1 + 12^2 + 21^1 + 21^2 = 23 + 51 + 122 + 211 + 212$	$619 := 2^5 + 3^2 + 16^0 + 16^0 + 24^2 = 25 + 32 + 160 + 160 + 242$
$619 := 2^3 + 5^1 + 15^2 + 19^2 + 20^1 = 23 + 51 + 152 + 192 + 201$	$619 := 2^5 + 3^2 + 5^0 + 24^2 + 27^0 = 25 + 32 + 50 + 242 + 270$
$619 := 2^3 + 5^2 + 12^2 + 21^0 + 21^2 = 23 + 52 + 122 + 210 + 212$	$619 := 2^5 + 3^2 + 6^0 + 24^2 + 26^0 = 25 + 32 + 60 + 242 + 260$
$619 := 2^3 + 6^1 + 10^2 + 21^1 + 22^2 = 23 + 61 + 102 + 211 + 222$	$619 := 2^5 + 3^2 + 7^0 + 24^2 + 25^0 = 25 + 32 + 70 + 242 + 250$
$619 := 2^3 + 6^1 + 12^2 + 20^1 + 21^2 = 23 + 61 + 122 + 201 + 212$	$619 := 2^5 + 3^2 + 8^0 + 24^0 + 24^2 = 25 + 32 + 80 + 240 + 242$
$619 := 2^3 + 6^1 + 15^2 + 19^1 + 19^2 = 23 + 61 + 152 + 191 + 192$	$619 := 2^5 + 3^2 + 9^0 + 23^0 + 24^2 = 25 + 32 + 90 + 230 + 242$
$619 := 2^3 + 7^1 + 10^2 + 20^1 + 22^2 = 23 + 71 + 102 + 201 + 222$	$619 := 2^5 + 4^0 + 12^2 + 21^2 + 22^0 = 25 + 40 + 122 + 212 + 220$
$619 := 2^3 + 7^1 + 12^2 + 19^1 + 21^2 = 23 + 71 + 122 + 191 + 212$	$619 := 2^5 + 4^1 + 6^1 + 24^2 + 25^0 = 25 + 41 + 61 + 242 + 250$
$619 := 2^3 + 7^1 + 15^2 + 18^1 + 19^2 = 23 + 71 + 152 + 181 + 192$	$619 := 2^5 + 5^0 + 12^2 + 21^0 + 21^2 = 25 + 50 + 122 + 210 + 212$
$619 := 2^3 + 7^3 + 11^1 + 16^2 + 25^0 = 23 + 73 + 111 + 162 + 250$	$619 := 2^5 + 5^1 + 5^1 + 24^2 + 25^0 = 25 + 51 + 51 + 242 + 250$
$619 := 2^3 + 8^1 + 10^2 + 19^1 + 22^2 = 23 + 81 + 102 + 191 + 222$	$619 := 2^5 + 6^0 + 12^2 + 20^0 + 21^2 = 25 + 60 + 122 + 200 + 212$
$619 := 2^3 + 8^1 + 12^2 + 18^1 + 21^2 = 23 + 81 + 122 + 181 + 212$	$619 := 2^5 + 7^0 + 12^2 + 19^0 + 21^2 = 25 + 70 + 122 + 190 + 212$
$619 := 2^3 + 8^1 + 15^2 + 17^1 + 19^2 = 23 + 81 + 152 + 171 + 192$	$619 := 2^5 + 8^0 + 12^2 + 18^0 + 21^2 = 25 + 80 + 122 + 180 + 212$
$619 := 2^3 + 8^3 + 9^2 + 17^1 + 25^0 = 23 + 83 + 92 + 171 + 250$	$619 := 2^5 + 9^0 + 12^2 + 17^0 + 21^2 = 25 + 90 + 122 + 170 + 212$
$619 := 2^3 + 9^1 + 10^2 + 18^1 + 22^2 = 23 + 91 + 102 + 181 + 222$	$619 := 2^6 + 3^0 + 9^0 + 23^2 + 24^1 = 26 + 30 + 90 + 232 + 241$
$619 := 2^3 + 9^1 + 12^2 + 17^1 + 21^2 = 23 + 91 + 122 + 171 + 212$	$619 := 2^6 + 4^0 + 8^0 + 23^2 + 24^1 = 26 + 40 + 80 + 232 + 241$
$619 := 2^3 + 9^1 + 15^2 + 16^1 + 19^2 = 23 + 91 + 152 + 161 + 192$	$619 := 2^6 + 5^0 + 7^0 + 23^2 + 24^1 = 26 + 50 + 70 + 232 + 241$
$619 := 2^4 + 3^0 + 16^2 + 18^2 + 22^1 = 24 + 30 + 162 + 182 + 221$	$619 := 2^6 + 6^0 + 6^0 + 23^2 + 24^1 = 26 + 60 + 60 + 232 + 241$
$619 := 2^4 + 3^2 + 15^0 + 17^1 + 24^2 = 24 + 32 + 150 + 171 + 242$	$619 := 2^8 + 2^8 + 9^2 + 22^0 + 25^1 = 28 + 28 + 92 + 220 + 251$
$619 := 2^4 + 4^2 + 10^1 + 21^0 + 24^2 = 24 + 42 + 101 + 210 + 242$	$619 := 3^0 + 3^4 + 15^2 + 17^2 + 23^1 = 30 + 34 + 152 + 172 + 231$
$619 := 2^4 + 5^0 + 7^2 + 23^2 + 24^1 = 24 + 50 + 72 + 232 + 241$	$619 := 3^1 + 3^3 + 9^2 + 22^2 + 24^1 = 31 + 33 + 92 + 222 + 241$
$619 := 2^4 + 6^1 + 14^2 + 19^0 + 20^2 = 24 + 61 + 142 + 190 + 202$	$619 := 3^1 + 3^4 + 8^3 + 22^1 + 25^0 = 31 + 34 + 83 + 221 + 250$
$619 := 2^4 + 8^2 + 9^1 + 19^0 + 23^2 = 24 + 82 + 91 + 190 + 232$	$619 := 3^1 + 3^5 + 11^1 + 19^2 + 25^0 = 31 + 35 + 111 + 192 + 250$
$619 := 2^4 + 9^0 + 10^2 + 18^1 + 22^2 = 24 + 90 + 102 + 181 + 222$	$619 := 3^1 + 4^3 + 13^2 + 19^2 + 22^1 = 31 + 43 + 132 + 192 + 221$
$619 := 2^4 + 9^0 + 12^2 + 17^1 + 21^2 = 24 + 90 + 122 + 171 + 212$	$619 := 3^1 + 4^4 + 10^1 + 18^2 + 26^1 = 31 + 44 + 101 + 182 + 261$
$619 := 2^4 + 9^0 + 15^2 + 16^1 + 19^2 = 24 + 90 + 152 + 161 + 192$	$619 := 3^1 + 4^4 + 11^1 + 18^2 + 25^1 = 31 + 44 + 111 + 182 + 251$
$619 := 2^5 + 10^0 + 12^2 + 16^0 + 21^2 = 25 + 100 + 122 + 160 + 212$	$619 := 3^1 + 4^4 + 12^1 + 18^2 + 24^1 = 31 + 44 + 121 + 182 + 241$
$619 := 2^5 + 11^0 + 12^2 + 15^0 + 21^2 = 25 + 110 + 122 + 150 + 212$	$619 := 3^1 + 4^4 + 13^1 + 18^2 + 23^1 = 31 + 44 + 131 + 182 + 231$
$619 := 2^5 + 12^0 + 12^2 + 14^0 + 21^2 = 25 + 120 + 122 + 140 + 212$	$619 := 3^1 + 4^4 + 14^1 + 18^2 + 22^1 = 31 + 44 + 141 + 182 + 221$
$619 := 2^5 + 12^2 + 13^0 + 13^0 + 21^2 = 25 + 122 + 130 + 130 + 212$	$619 := 3^1 + 4^4 + 15^1 + 18^2 + 21^1 = 31 + 44 + 151 + 182 + 211$
$619 := 2^5 + 3^0 + 12^2 + 21^2 + 23^0 = 25 + 30 + 122 + 212 + 230$	$619 := 3^1 + 4^4 + 16^1 + 18^2 + 20^1 = 31 + 44 + 161 + 182 + 201$
$619 := 2^5 + 3^1 + 7^1 + 24^2 + 25^0 = 25 + 31 + 71 + 242 + 250$	$619 := 3^1 + 4^4 + 17^1 + 18^2 + 19^1 = 31 + 44 + 171 + 182 + 191$
$619 := 2^5 + 3^2 + 10^0 + 22^0 + 24^2 = 25 + 32 + 100 + 220 + 242$	$619 := 3^1 + 4^4 + 18^1 + 18^1 + 18^2 = 31 + 44 + 181 + 181 + 182$
$619 := 2^5 + 3^2 + 11^0 + 21^0 + 24^2 = 25 + 32 + 110 + 210 + 242$	$619 := 3^1 + 4^4 + 9^1 + 18^2 + 27^1 = 31 + 44 + 91 + 182 + 271$

$$\begin{aligned} 619 &:= 3^1 + 5^3 + 12^2 + 18^2 + 23^1 = 31 + 53 + 122 + 182 + 231 & 619 &:= 3^4 + 5^1 + 8^3 + 20^1 + 25^0 = 34 + 51 + 83 + 201 + 250 \\ 619 &:= 3^1 + 6^3 + 7^2 + 18^2 + 27^1 = 31 + 63 + 72 + 182 + 271 & 619 &:= 3^4 + 6^1 + 8^3 + 19^1 + 25^0 = 34 + 61 + 83 + 191 + 250 \\ 619 &:= 3^2 + 10^2 + 13^2 + 17^1 + 18^2 = 32 + 102 + 132 + 171 + 182 & 619 &:= 3^4 + 6^2 + 13^0 + 17^1 + 22^2 = 34 + 62 + 130 + 171 + 222 \\ 619 &:= 3^2 + 12^2 + 15^2 + 15^2 + 16^1 = 32 + 122 + 152 + 152 + 161 & 619 &:= 3^4 + 7^1 + 13^2 + 19^0 + 19^2 = 34 + 71 + 132 + 190 + 192 \\ 619 &:= 3^2 + 13^2 + 13^2 + 16^1 + 16^2 = 32 + 132 + 132 + 161 + 162 & 619 &:= 3^4 + 7^1 + 8^3 + 18^1 + 25^0 = 34 + 71 + 83 + 181 + 250 \\ 619 &:= 3^2 + 3^2 + 16^2 + 18^2 + 21^1 = 32 + 32 + 162 + 182 + 211 & 619 &:= 3^4 + 8^1 + 8^3 + 17^1 + 25^0 = 34 + 81 + 83 + 171 + 250 \\ 619 &:= 3^2 + 4^2 + 4^3 + 23^2 + 27^0 = 32 + 42 + 43 + 232 + 270 & 619 &:= 3^4 + 8^3 + 10^1 + 15^1 + 25^0 = 34 + 83 + 101 + 151 + 250 \\ 619 &:= 3^2 + 4^3 + 16^2 + 17^2 + 21^0 = 32 + 43 + 162 + 172 + 210 & 619 &:= 3^4 + 8^3 + 11^1 + 14^1 + 25^0 = 34 + 83 + 111 + 141 + 250 \\ 619 &:= 3^2 + 6^1 + 6^3 + 19^2 + 27^1 = 32 + 61 + 63 + 192 + 271 & 619 &:= 3^4 + 8^3 + 12^1 + 13^1 + 25^0 = 34 + 83 + 121 + 131 + 250 \\ 619 &:= 3^2 + 6^3 + 10^1 + 19^2 + 23^1 = 32 + 63 + 101 + 192 + 231 & 619 &:= 3^4 + 8^3 + 9^1 + 16^1 + 25^0 = 34 + 83 + 91 + 161 + 250 \\ 619 &:= 3^2 + 6^3 + 11^1 + 19^2 + 22^1 = 32 + 63 + 111 + 192 + 221 & 619 &:= 3^4 + 9^0 + 14^2 + 17^1 + 18^2 = 34 + 90 + 142 + 171 + 182 \\ 619 &:= 3^2 + 6^3 + 12^1 + 19^2 + 21^1 = 32 + 63 + 121 + 192 + 211 & 619 &:= 3^4 + 9^2 + 13^0 + 15^1 + 21^2 = 34 + 92 + 130 + 151 + 212 \\ 619 &:= 3^2 + 6^3 + 13^1 + 19^2 + 20^1 = 32 + 63 + 131 + 192 + 201 & 619 &:= 3^5 + 4^1 + 10^1 + 19^2 + 25^0 = 35 + 41 + 101 + 192 + 250 \\ 619 &:= 3^2 + 6^3 + 14^1 + 19^1 + 19^2 = 32 + 63 + 141 + 191 + 192 & 619 &:= 3^5 + 5^1 + 9^1 + 19^2 + 25^0 = 35 + 51 + 91 + 192 + 250 \\ 619 &:= 3^2 + 6^3 + 15^1 + 18^1 + 19^2 = 32 + 63 + 151 + 181 + 192 & 619 &:= 3^5 + 6^1 + 8^1 + 19^2 + 25^0 = 35 + 61 + 81 + 192 + 250 \\ 619 &:= 3^2 + 6^3 + 16^1 + 17^1 + 19^2 = 32 + 63 + 161 + 171 + 192 & 619 &:= 3^5 + 7^1 + 7^1 + 19^2 + 25^0 = 35 + 71 + 71 + 192 + 250 \\ 619 &:= 3^2 + 6^3 + 7^1 + 19^2 + 26^1 = 32 + 63 + 71 + 192 + 261 & 619 &:= 4^1 + 4^3 + 13^2 + 19^2 + 21^1 = 41 + 43 + 132 + 192 + 211 \\ 619 &:= 3^2 + 6^3 + 8^1 + 19^2 + 25^1 = 32 + 63 + 81 + 192 + 251 & 619 &:= 4^1 + 4^4 + 10^1 + 18^2 + 25^1 = 41 + 44 + 101 + 182 + 251 \\ 619 &:= 3^2 + 6^3 + 9^1 + 19^2 + 24^1 = 32 + 63 + 91 + 192 + 241 & 619 &:= 4^1 + 4^4 + 11^1 + 18^2 + 24^1 = 41 + 44 + 111 + 182 + 241 \\ 619 &:= 3^2 + 7^2 + 10^2 + 20^1 + 21^2 = 32 + 72 + 102 + 201 + 212 & 619 &:= 4^1 + 4^4 + 12^1 + 18^2 + 23^1 = 41 + 44 + 121 + 182 + 231 \\ 619 &:= 3^2 + 9^2 + 16^2 + 16^2 + 17^1 = 32 + 92 + 162 + 162 + 171 & 619 &:= 4^1 + 4^4 + 13^1 + 18^2 + 22^1 = 41 + 44 + 131 + 182 + 221 \\ 619 &:= 3^3 + 4^1 + 9^2 + 22^2 + 23^1 = 33 + 41 + 92 + 222 + 231 & 619 &:= 4^1 + 4^4 + 14^1 + 18^2 + 21^1 = 41 + 44 + 141 + 182 + 211 \\ 619 &:= 3^3 + 5^1 + 9^2 + 22^1 + 22^2 = 33 + 51 + 92 + 221 + 222 & 619 &:= 4^1 + 4^4 + 15^1 + 18^2 + 20^1 = 41 + 44 + 151 + 182 + 201 \\ 619 &:= 3^3 + 5^3 + 7^0 + 21^2 + 25^1 = 33 + 53 + 70 + 212 + 251 & 619 &:= 4^1 + 4^4 + 16^1 + 18^2 + 19^1 = 41 + 44 + 161 + 182 + 191 \\ 619 &:= 3^3 + 6^1 + 9^2 + 21^1 + 22^2 = 33 + 61 + 92 + 211 + 222 & 619 &:= 4^1 + 4^4 + 17^1 + 18^1 + 18^2 = 41 + 44 + 171 + 181 + 182 \\ 619 &:= 3^3 + 6^3 + 14^1 + 19^0 + 19^2 = 33 + 63 + 141 + 190 + 192 & 619 &:= 4^1 + 4^4 + 8^1 + 18^2 + 27^1 = 41 + 44 + 81 + 182 + 271 \\ 619 &:= 3^3 + 7^1 + 9^2 + 20^1 + 22^2 = 33 + 71 + 92 + 201 + 222 & 619 &:= 4^1 + 4^4 + 9^1 + 18^2 + 26^1 = 41 + 44 + 91 + 182 + 261 \\ 619 &:= 3^3 + 7^3 + 13^0 + 15^2 + 23^1 = 33 + 73 + 130 + 152 + 231 & 619 &:= 4^1 + 5^3 + 12^2 + 18^2 + 22^1 = 41 + 53 + 122 + 182 + 221 \\ 619 &:= 3^3 + 8^1 + 9^2 + 19^1 + 22^2 = 33 + 81 + 92 + 191 + 222 & 619 &:= 4^1 + 6^3 + 7^2 + 18^2 + 26^1 = 41 + 63 + 72 + 182 + 261 \\ 619 &:= 3^3 + 8^2 + 8^3 + 15^1 + 27^0 = 33 + 82 + 83 + 151 + 270 & 619 &:= 4^2 + 14^2 + 14^2 + 14^2 + 15^1 = 42 + 142 + 142 + 142 + 151 \\ 619 &:= 3^3 + 9^1 + 9^2 + 18^1 + 22^2 = 33 + 91 + 92 + 181 + 222 & 619 &:= 4^2 + 4^2 + 9^2 + 22^1 + 22^2 = 42 + 42 + 92 + 221 + 222 \\ 619 &:= 3^3 + 9^2 + 10^1 + 17^1 + 22^2 = 33 + 92 + 101 + 171 + 222 & 619 &:= 4^2 + 4^3 + 8^3 + 19^0 + 26^1 = 42 + 43 + 83 + 190 + 261 \\ 619 &:= 3^3 + 9^2 + 11^1 + 16^1 + 22^2 = 33 + 92 + 111 + 161 + 222 & 619 &:= 4^2 + 4^4 + 13^0 + 18^2 + 22^1 = 42 + 44 + 130 + 182 + 221 \\ 619 &:= 3^3 + 9^2 + 12^1 + 15^1 + 22^2 = 33 + 92 + 121 + 151 + 222 & 619 &:= 4^2 + 5^2 + 5^2 + 23^2 + 24^1 = 42 + 52 + 52 + 232 + 241 \\ 619 &:= 3^3 + 9^2 + 13^1 + 14^1 + 22^2 = 33 + 92 + 131 + 141 + 222 & 619 &:= 4^2 + 5^2 + 6^3 + 19^2 + 27^0 = 42 + 52 + 63 + 192 + 270 \\ 619 &:= 3^4 + 11^0 + 11^2 + 16^1 + 20^2 = 34 + 110 + 112 + 161 + 202 & 619 &:= 4^2 + 5^3 + 6^2 + 21^2 + 25^0 = 42 + 53 + 62 + 212 + 250 \\ 619 &:= 3^4 + 4^1 + 7^2 + 22^2 + 25^0 = 34 + 41 + 72 + 222 + 250 & 619 &:= 4^2 + 6^2 + 15^2 + 18^1 + 18^2 = 42 + 62 + 152 + 181 + 182 \\ 619 &:= 3^4 + 4^1 + 8^3 + 21^1 + 25^0 = 34 + 41 + 83 + 211 + 250 & 619 &:= 4^2 + 7^2 + 7^2 + 21^1 + 22^2 = 42 + 72 + 72 + 211 + 222 \end{aligned}$$

$619 := 4^2 + 7^2 + 8^3 + 15^1 + 27^1$	$= 42 + 72 + 83 + 151 + 271$	$619 := 4^4 + 10^1 + 14^1 + 15^1 + 18^2$	$= 44 + 101 + 141 + 151 + 182$
$619 := 4^2 + 7^2 + 8^3 + 16^1 + 26^1$	$= 42 + 72 + 83 + 161 + 261$	$619 := 4^4 + 11^1 + 11^1 + 17^1 + 18^2$	$= 44 + 111 + 111 + 171 + 182$
$619 := 4^2 + 7^2 + 8^3 + 17^1 + 25^1$	$= 42 + 72 + 83 + 171 + 251$	$619 := 4^4 + 11^1 + 12^1 + 16^1 + 18^2$	$= 44 + 111 + 121 + 161 + 182$
$619 := 4^2 + 7^2 + 8^3 + 18^1 + 24^1$	$= 42 + 72 + 83 + 181 + 241$	$619 := 4^4 + 11^1 + 13^1 + 15^1 + 18^2$	$= 44 + 111 + 131 + 151 + 182$
$619 := 4^2 + 7^2 + 8^3 + 19^1 + 23^1$	$= 42 + 72 + 83 + 191 + 231$	$619 := 4^4 + 11^1 + 14^1 + 14^1 + 18^2$	$= 44 + 111 + 141 + 141 + 182$
$619 := 4^2 + 7^2 + 8^3 + 20^1 + 22^1$	$= 42 + 72 + 83 + 201 + 221$	$619 := 4^4 + 11^2 + 15^0 + 15^2 + 16^1$	$= 44 + 112 + 150 + 152 + 161$
$619 := 4^2 + 7^2 + 8^3 + 21^1 + 21^1$	$= 42 + 72 + 83 + 211 + 211$	$619 := 4^4 + 12^1 + 12^1 + 15^1 + 18^2$	$= 44 + 121 + 121 + 151 + 182$
$619 := 4^2 + 7^3 + 10^1 + 15^2 + 25^1$	$= 42 + 73 + 101 + 152 + 251$	$619 := 4^4 + 12^1 + 13^1 + 14^1 + 18^2$	$= 44 + 121 + 131 + 141 + 182$
$619 := 4^2 + 7^3 + 11^1 + 15^2 + 24^1$	$= 42 + 73 + 111 + 152 + 241$	$619 := 4^4 + 13^1 + 13^1 + 13^1 + 18^2$	$= 44 + 131 + 131 + 131 + 182$
$619 := 4^2 + 7^3 + 12^1 + 15^2 + 23^1$	$= 42 + 73 + 121 + 152 + 231$	$619 := 4^4 + 5^1 + 10^1 + 18^2 + 24^1$	$= 44 + 51 + 101 + 182 + 241$
$619 := 4^2 + 7^3 + 13^1 + 15^2 + 22^1$	$= 42 + 73 + 131 + 152 + 221$	$619 := 4^4 + 5^1 + 11^1 + 18^2 + 23^1$	$= 44 + 51 + 111 + 182 + 231$
$619 := 4^2 + 7^3 + 14^1 + 15^2 + 21^1$	$= 42 + 73 + 141 + 152 + 211$	$619 := 4^4 + 5^1 + 12^1 + 18^2 + 22^1$	$= 44 + 51 + 121 + 182 + 221$
$619 := 4^2 + 7^3 + 15^1 + 15^2 + 20^1$	$= 42 + 73 + 151 + 152 + 201$	$619 := 4^4 + 5^1 + 13^1 + 18^2 + 21^1$	$= 44 + 51 + 131 + 182 + 211$
$619 := 4^2 + 7^3 + 15^2 + 16^1 + 19^1$	$= 42 + 73 + 152 + 161 + 191$	$619 := 4^4 + 5^1 + 14^1 + 18^2 + 20^1$	$= 44 + 51 + 141 + 182 + 201$
$619 := 4^2 + 7^3 + 15^2 + 17^1 + 18^1$	$= 42 + 73 + 152 + 171 + 181$	$619 := 4^4 + 5^1 + 15^1 + 18^2 + 19^1$	$= 44 + 51 + 151 + 182 + 191$
$619 := 4^2 + 7^3 + 8^1 + 15^2 + 27^1$	$= 42 + 73 + 81 + 152 + 271$	$619 := 4^4 + 5^1 + 16^1 + 18^1 + 18^2$	$= 44 + 51 + 161 + 181 + 182$
$619 := 4^2 + 7^3 + 9^1 + 15^2 + 26^1$	$= 42 + 73 + 91 + 152 + 261$	$619 := 4^4 + 5^1 + 17^1 + 17^1 + 18^2$	$= 44 + 51 + 171 + 171 + 182$
$619 := 4^2 + 8^2 + 11^2 + 18^1 + 20^2$	$= 42 + 82 + 112 + 181 + 202$	$619 := 4^4 + 5^1 + 7^1 + 18^2 + 27^1$	$= 44 + 51 + 71 + 182 + 271$
$619 := 4^2 + 9^2 + 12^2 + 17^1 + 19^2$	$= 42 + 92 + 122 + 171 + 192$	$619 := 4^4 + 5^1 + 8^1 + 18^2 + 26^1$	$= 44 + 51 + 81 + 182 + 261$
$619 := 4^3 + 10^1 + 13^2 + 15^1 + 19^2$	$= 43 + 101 + 132 + 151 + 192$	$619 := 4^4 + 5^1 + 9^1 + 18^2 + 25^1$	$= 44 + 51 + 91 + 182 + 251$
$619 := 4^3 + 11^1 + 13^2 + 14^1 + 19^2$	$= 43 + 111 + 132 + 141 + 192$	$619 := 4^4 + 5^2 + 13^1 + 18^2 + 21^0$	$= 44 + 52 + 131 + 182 + 210$
$619 := 4^3 + 11^2 + 12^2 + 17^0 + 17^2$	$= 43 + 112 + 122 + 170 + 172$	$619 := 4^4 + 6^1 + 10^1 + 18^2 + 23^1$	$= 44 + 61 + 101 + 182 + 231$
$619 := 4^3 + 12^1 + 13^1 + 13^2 + 19^2$	$= 43 + 121 + 131 + 132 + 192$	$619 := 4^4 + 6^1 + 10^2 + 16^2 + 25^0$	$= 44 + 61 + 102 + 162 + 250$
$619 := 4^3 + 4^3 + 6^1 + 22^2 + 25^0$	$= 43 + 43 + 61 + 222 + 250$	$619 := 4^4 + 6^1 + 11^1 + 18^2 + 22^1$	$= 44 + 61 + 111 + 182 + 221$
$619 := 4^3 + 5^1 + 13^2 + 19^2 + 20^1$	$= 43 + 51 + 132 + 192 + 201$	$619 := 4^4 + 6^1 + 12^1 + 18^2 + 21^1$	$= 44 + 61 + 121 + 182 + 211$
$619 := 4^3 + 5^2 + 8^3 + 17^1 + 27^0$	$= 43 + 52 + 83 + 171 + 270$	$619 := 4^4 + 6^1 + 13^1 + 18^2 + 20^1$	$= 44 + 61 + 131 + 182 + 201$
$619 := 4^3 + 6^1 + 13^2 + 19^1 + 19^2$	$= 43 + 61 + 132 + 191 + 192$	$619 := 4^4 + 6^1 + 14^1 + 18^2 + 19^1$	$= 44 + 61 + 141 + 182 + 191$
$619 := 4^3 + 6^3 + 14^1 + 18^2 + 19^0$	$= 43 + 63 + 141 + 182 + 190$	$619 := 4^4 + 6^1 + 15^1 + 18^1 + 18^2$	$= 44 + 61 + 151 + 181 + 182$
$619 := 4^3 + 7^1 + 13^2 + 18^1 + 19^2$	$= 43 + 71 + 132 + 181 + 192$	$619 := 4^4 + 6^1 + 16^1 + 17^1 + 18^2$	$= 44 + 61 + 161 + 171 + 182$
$619 := 4^3 + 7^2 + 12^2 + 19^0 + 19^2$	$= 43 + 72 + 122 + 190 + 192$	$619 := 4^4 + 6^1 + 6^1 + 18^2 + 27^1$	$= 44 + 61 + 61 + 182 + 271$
$619 := 4^3 + 7^2 + 8^2 + 21^0 + 21^2$	$= 43 + 72 + 82 + 210 + 212$	$619 := 4^4 + 6^1 + 7^1 + 18^2 + 26^1$	$= 44 + 61 + 71 + 182 + 261$
$619 := 4^3 + 7^3 + 14^2 + 15^1 + 21^0$	$= 43 + 73 + 142 + 151 + 210$	$619 := 4^4 + 6^1 + 8^1 + 18^2 + 25^1$	$= 44 + 61 + 81 + 182 + 251$
$619 := 4^3 + 8^1 + 13^2 + 17^1 + 19^2$	$= 43 + 81 + 132 + 171 + 192$	$619 := 4^4 + 6^1 + 9^1 + 18^2 + 24^1$	$= 44 + 61 + 91 + 182 + 241$
$619 := 4^3 + 9^1 + 13^2 + 16^1 + 19^2$	$= 43 + 91 + 132 + 161 + 192$	$619 := 4^4 + 7^0 + 13^2 + 13^2 + 24^1$	$= 44 + 70 + 132 + 132 + 241$
$619 := 4^4 + 10^1 + 10^1 + 18^2 + 19^1$	$= 44 + 101 + 101 + 182 + 191$	$619 := 4^4 + 7^0 + 9^2 + 16^2 + 25^1$	$= 44 + 70 + 92 + 162 + 251$
$619 := 4^4 + 10^1 + 11^1 + 18^1 + 18^2$	$= 44 + 101 + 111 + 181 + 182$	$619 := 4^4 + 7^1 + 10^1 + 18^2 + 22^1$	$= 44 + 71 + 101 + 182 + 221$
$619 := 4^4 + 10^1 + 12^1 + 17^1 + 18^2$	$= 44 + 101 + 121 + 171 + 182$	$619 := 4^4 + 7^1 + 11^1 + 18^2 + 21^1$	$= 44 + 71 + 111 + 182 + 211$
$619 := 4^4 + 10^1 + 13^1 + 16^1 + 18^2$	$= 44 + 101 + 131 + 161 + 182$	$619 := 4^4 + 7^1 + 12^1 + 18^2 + 20^1$	$= 44 + 71 + 121 + 182 + 201$

$619 := 4^4 + 7^1 + 13^1 + 18^2 + 19^1 = 44 + 71 + 131 + 182 + 191$	$619 := 5^3 + 5^3 + 7^1 + 19^2 + 25^0 = 53 + 53 + 71 + 192 + 250$
$619 := 4^4 + 7^1 + 14^1 + 18^1 + 18^2 = 44 + 71 + 141 + 181 + 182$	$619 := 5^3 + 6^1 + 12^2 + 18^2 + 20^1 = 53 + 61 + 122 + 182 + 201$
$619 := 4^4 + 7^1 + 15^1 + 17^1 + 18^2 = 44 + 71 + 151 + 171 + 182$	$619 := 5^3 + 6^3 + 13^0 + 16^2 + 21^1 = 53 + 63 + 130 + 162 + 211$
$619 := 4^4 + 7^1 + 16^1 + 16^1 + 18^2 = 44 + 71 + 161 + 161 + 182$	$619 := 5^3 + 7^1 + 12^2 + 18^2 + 19^1 = 53 + 71 + 122 + 182 + 191$
$619 := 4^4 + 7^1 + 7^1 + 18^2 + 25^1 = 44 + 71 + 71 + 182 + 251$	$619 := 5^3 + 8^1 + 12^2 + 18^1 + 18^2 = 53 + 81 + 122 + 181 + 182$
$619 := 4^4 + 7^1 + 8^1 + 18^2 + 24^1 = 44 + 71 + 81 + 182 + 241$	$619 := 5^3 + 9^1 + 12^2 + 17^1 + 18^2 = 53 + 91 + 122 + 171 + 182$
$619 := 4^4 + 7^1 + 9^1 + 18^2 + 23^1 = 44 + 71 + 91 + 182 + 231$	$619 := 6^1 + 6^3 + 7^2 + 18^2 + 24^1 = 61 + 63 + 72 + 182 + 241$
$619 := 4^4 + 7^2 + 9^0 + 17^2 + 24^1 = 44 + 72 + 90 + 172 + 241$	$619 := 6^1 + 7^3 + 10^2 + 12^2 + 26^1 = 61 + 73 + 102 + 122 + 261$
$619 := 4^4 + 8^1 + 10^1 + 18^2 + 21^1 = 44 + 81 + 101 + 182 + 211$	$619 := 6^2 + 10^2 + 12^2 + 15^1 + 18^2 = 62 + 102 + 122 + 151 + 182$
$619 := 4^4 + 8^1 + 11^1 + 18^2 + 20^1 = 44 + 81 + 111 + 182 + 201$	$619 := 6^2 + 12^2 + 13^2 + 14^1 + 16^2 = 62 + 122 + 132 + 141 + 162$
$619 := 4^4 + 8^1 + 12^1 + 18^2 + 19^1 = 44 + 81 + 121 + 182 + 191$	$619 := 6^2 + 6^2 + 13^2 + 17^1 + 19^2 = 62 + 62 + 132 + 171 + 192$
$619 := 4^4 + 8^1 + 13^1 + 18^1 + 18^2 = 44 + 81 + 131 + 181 + 182$	$619 := 6^2 + 6^3 + 7^3 + 19^0 + 23^1 = 62 + 63 + 73 + 190 + 231$
$619 := 4^4 + 8^1 + 14^1 + 17^1 + 18^2 = 44 + 81 + 141 + 171 + 182$	$619 := 6^3 + 6^3 + 13^2 + 17^1 + 19^0 = 63 + 63 + 132 + 171 + 190$
$619 := 4^4 + 8^1 + 15^1 + 16^1 + 18^2 = 44 + 81 + 151 + 161 + 182$	$619 := 6^3 + 7^1 + 7^2 + 18^2 + 23^1 = 63 + 71 + 72 + 182 + 231$
$619 := 4^4 + 8^1 + 8^1 + 18^2 + 23^1 = 44 + 81 + 81 + 182 + 231$	$619 := 6^3 + 7^2 + 10^1 + 18^2 + 20^1 = 63 + 72 + 101 + 182 + 201$
$619 := 4^4 + 8^1 + 9^1 + 18^2 + 22^1 = 44 + 81 + 91 + 182 + 221$	$619 := 6^3 + 7^2 + 11^1 + 18^2 + 19^1 = 63 + 72 + 111 + 182 + 191$
$619 := 4^4 + 8^2 + 9^1 + 17^2 + 23^0 = 44 + 82 + 91 + 172 + 230$	$619 := 6^3 + 7^2 + 12^1 + 18^1 + 18^2 = 63 + 72 + 121 + 181 + 182$
$619 := 4^4 + 9^0 + 12^2 + 14^2 + 22^1 = 44 + 90 + 122 + 142 + 221$	$619 := 6^3 + 7^2 + 13^1 + 17^1 + 18^2 = 63 + 72 + 131 + 171 + 182$
$619 := 4^4 + 9^1 + 10^1 + 18^2 + 20^1 = 44 + 91 + 101 + 182 + 201$	$619 := 6^3 + 7^2 + 14^1 + 16^1 + 18^2 = 63 + 72 + 141 + 161 + 182$
$619 := 4^4 + 9^1 + 11^1 + 18^2 + 19^1 = 44 + 91 + 111 + 182 + 191$	$619 := 6^3 + 7^2 + 15^1 + 15^1 + 18^2 = 63 + 72 + 151 + 151 + 182$
$619 := 4^4 + 9^1 + 12^1 + 18^1 + 18^2 = 44 + 91 + 121 + 181 + 182$	$619 := 6^3 + 7^2 + 8^1 + 18^2 + 22^1 = 63 + 72 + 81 + 182 + 221$
$619 := 4^4 + 9^1 + 13^1 + 17^1 + 18^2 = 44 + 91 + 131 + 171 + 182$	$619 := 6^3 + 7^2 + 8^2 + 17^2 + 23^0 = 63 + 72 + 82 + 172 + 230$
$619 := 4^4 + 9^1 + 14^1 + 16^1 + 18^2 = 44 + 91 + 141 + 161 + 182$	$619 := 6^3 + 7^2 + 9^1 + 18^2 + 21^1 = 63 + 72 + 91 + 182 + 211$
$619 := 4^4 + 9^1 + 15^1 + 15^1 + 18^2 = 44 + 91 + 151 + 151 + 182$	$619 := 6^3 + 8^2 + 13^2 + 13^2 + 21^0 = 63 + 82 + 132 + 132 + 210$
$619 := 4^4 + 9^1 + 9^1 + 18^2 + 21^1 = 44 + 91 + 91 + 182 + 211$	$619 := 7^1 + 7^3 + 10^2 + 12^2 + 25^1 = 71 + 73 + 102 + 122 + 251$
$619 := 5^1 + 5^3 + 12^2 + 18^2 + 21^1 = 51 + 53 + 122 + 182 + 211$	$619 := 7^2 + 7^2 + 12^2 + 16^1 + 19^2 = 72 + 72 + 122 + 161 + 192$
$619 := 5^1 + 6^3 + 7^2 + 18^2 + 25^1 = 51 + 63 + 72 + 182 + 251$	$619 := 7^3 + 10^1 + 10^2 + 12^2 + 22^1 = 73 + 101 + 102 + 122 + 221$
$619 := 5^1 + 7^3 + 10^2 + 12^2 + 27^1 = 51 + 73 + 102 + 122 + 271$	$619 := 7^3 + 10^2 + 11^1 + 12^2 + 21^1 = 73 + 102 + 111 + 122 + 211$
$619 := 5^2 + 11^2 + 13^2 + 15^1 + 17^2 = 52 + 112 + 132 + 151 + 172$	$619 := 7^3 + 10^2 + 12^1 + 12^2 + 20^1 = 73 + 102 + 121 + 122 + 201$
$619 := 5^2 + 5^2 + 8^2 + 21^1 + 22^2 = 52 + 52 + 82 + 211 + 222$	$619 := 7^3 + 10^2 + 12^2 + 13^1 + 19^1 = 73 + 102 + 122 + 131 + 191$
$619 := 5^2 + 5^3 + 12^2 + 18^2 + 21^0 = 52 + 53 + 122 + 182 + 210$	$619 := 7^3 + 10^2 + 12^2 + 14^1 + 18^1 = 73 + 102 + 122 + 141 + 181$
$619 := 5^2 + 6^3 + 11^2 + 16^2 + 23^0 = 52 + 63 + 112 + 162 + 230$	$619 := 7^3 + 10^2 + 12^2 + 15^1 + 17^1 = 73 + 102 + 122 + 151 + 171$
$619 := 5^2 + 7^3 + 9^2 + 13^2 + 27^0 = 52 + 73 + 92 + 132 + 270$	$619 := 7^3 + 10^2 + 12^2 + 16^1 + 16^1 = 73 + 102 + 122 + 161 + 161$
$619 := 5^2 + 8^2 + 15^2 + 16^1 + 17^2 = 52 + 82 + 152 + 161 + 172$	$619 := 7^3 + 8^1 + 10^2 + 12^2 + 24^1 = 73 + 81 + 102 + 122 + 241$
$619 := 5^3 + 10^1 + 12^2 + 16^1 + 18^2 = 53 + 101 + 122 + 161 + 182$	$619 := 7^3 + 9^1 + 10^2 + 12^2 + 23^1 = 73 + 91 + 102 + 122 + 231$
$619 := 5^3 + 11^1 + 12^2 + 15^1 + 18^2 = 53 + 111 + 122 + 151 + 182$	$619 := 8^2 + 11^2 + 13^1 + 14^2 + 15^2 = 82 + 112 + 131 + 142 + 152$
$619 := 5^3 + 12^1 + 12^2 + 14^1 + 18^2 = 53 + 121 + 122 + 141 + 182$	$619 := 9^2 + 10^2 + 10^2 + 14^1 + 18^2 = 92 + 102 + 102 + 141 + 182$
$619 := 5^3 + 12^2 + 13^1 + 13^1 + 18^2 = 53 + 122 + 131 + 131 + 182$	$619 := 9^2 + 10^2 + 13^1 + 13^2 + 16^2 = 92 + 102 + 131 + 132 + 162$

$$619 := 9^2 + 9^2 + 9^2 + 15^1 + 19^2 = 92 + 92 + 92 + 151 + 192$$

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$$620 := 1^9 + 2^8 + 18^2 + 39^1 = 19 + 28 + 182 + 391$$

$$620 := 2^6 + 8^0 + 8^3 + 43^1 = 26 + 80 + 83 + 431$$

$$620 := 2^7 + 7^1 + 22^2 + 30^0 = 27 + 71 + 222 + 300$$

$$620 := 1^0 + 1^6 + 16^2 + 19^2 + 24^0 = 10 + 16 + 162 + 192 + 240$$

$$620 := 1^0 + 2^8 + 12^0 + 19^2 + 27^0 = 10 + 28 + 120 + 192 + 270$$

$$620 := 1^0 + 2^8 + 13^0 + 19^2 + 26^0 = 10 + 28 + 130 + 192 + 260$$

$$620 := 1^0 + 2^8 + 14^0 + 19^2 + 25^0 = 10 + 28 + 140 + 192 + 250$$

$$620 := 1^0 + 2^8 + 15^0 + 19^2 + 24^0 = 10 + 28 + 150 + 192 + 240$$

$$620 := 1^0 + 2^8 + 16^0 + 19^2 + 23^0 = 10 + 28 + 160 + 192 + 230$$

$$620 := 1^0 + 2^8 + 17^0 + 19^2 + 22^0 = 10 + 28 + 170 + 192 + 220$$

$$620 := 1^0 + 2^8 + 18^0 + 19^2 + 21^0 = 10 + 28 + 180 + 192 + 210$$

$$620 := 1^0 + 2^8 + 19^0 + 19^2 + 20^0 = 10 + 28 + 190 + 192 + 200$$

$$620 := 1^1 + 1^5 + 16^2 + 19^2 + 24^0 = 11 + 15 + 162 + 192 + 240$$

$$620 := 1^1 + 2^5 + 15^2 + 19^2 + 24^0 = 11 + 25 + 152 + 192 + 240$$

$$620 := 1^1 + 2^6 + 10^0 + 23^2 + 25^1 = 11 + 26 + 100 + 232 + 251$$

$$620 := 1^2 + 1^4 + 16^2 + 19^2 + 24^0 = 12 + 14 + 162 + 192 + 240$$

$$620 := 1^2 + 2^5 + 10^1 + 24^0 + 24^2 = 12 + 25 + 101 + 240 + 242$$

$$620 := 1^2 + 3^4 + 8^3 + 24^0 + 25^1 = 12 + 34 + 83 + 240 + 251$$

$$620 := 1^2 + 3^5 + 14^1 + 19^2 + 24^0 = 12 + 35 + 141 + 192 + 240$$

$$620 := 1^3 + 1^3 + 16^2 + 19^2 + 24^0 = 13 + 13 + 162 + 192 + 240$$

$$620 := 1^3 + 2^3 + 13^2 + 21^2 + 24^0 = 13 + 23 + 132 + 212 + 240$$

$$620 := 1^3 + 2^3 + 9^2 + 23^2 + 26^0 = 13 + 23 + 92 + 232 + 260$$

$$620 := 1^3 + 2^4 + 8^0 + 24^2 + 26^1 = 13 + 24 + 80 + 242 + 261$$

$$620 := 1^3 + 3^4 + 8^1 + 23^2 + 26^0 = 13 + 34 + 81 + 232 + 260$$

$$620 := 1^3 + 5^3 + 13^2 + 18^2 + 24^0 = 13 + 53 + 132 + 182 + 240$$

$$620 := 1^4 + 3^3 + 15^1 + 18^0 + 24^2 = 14 + 33 + 151 + 180 + 242$$

$$620 := 1^4 + 4^3 + 8^0 + 23^2 + 25^1 = 14 + 43 + 80 + 232 + 251$$

$$620 := 1^4 + 4^4 + 10^0 + 19^2 + 27^0 = 14 + 44 + 100 + 192 + 270$$

$$620 := 1^4 + 4^4 + 11^0 + 19^2 + 26^0 = 14 + 44 + 110 + 192 + 260$$

$$620 := 1^4 + 4^4 + 12^0 + 19^2 + 25^0 = 14 + 44 + 120 + 192 + 250$$

$$620 := 1^4 + 4^4 + 13^0 + 19^2 + 24^0 = 14 + 44 + 130 + 192 + 240$$

$$620 := 1^4 + 4^4 + 14^0 + 19^2 + 23^0 = 14 + 44 + 140 + 192 + 230$$

$$620 := 1^4 + 4^4 + 15^0 + 19^2 + 22^0 = 14 + 44 + 150 + 192 + 220$$

$$620 := 1^4 + 4^4 + 16^0 + 19^2 + 21^0 = 14 + 44 + 160 + 192 + 210$$

$$620 := 1^4 + 4^4 + 17^0 + 19^2 + 20^0 = 14 + 44 + 170 + 192 + 200$$

$$620 := 1^4 + 4^4 + 18^0 + 19^0 + 19^2 = 14 + 44 + 180 + 190 + 192$$

$$620 := 1^4 + 5^2 + 8^2 + 23^2 + 24^0 = 14 + 52 + 82 + 232 + 240$$

$$620 := 1^4 + 5^3 + 9^1 + 22^2 + 24^0 = 14 + 53 + 91 + 222 + 240$$

$$620 := 1^4 + 7^2 + 13^2 + 20^0 + 20^2 = 14 + 72 + 132 + 200 + 202$$

$$620 := 1^4 + 7^3 + 16^2 + 18^0 + 19^1 = 14 + 73 + 162 + 180 + 191$$

$$620 := 1^4 + 8^3 + 9^2 + 18^0 + 25^1 = 14 + 83 + 92 + 180 + 251$$

$$620 := 1^5 + 11^2 + 13^1 + 14^0 + 22^2 = 15 + 112 + 131 + 140 + 222$$

$$620 := 1^5 + 4^0 + 14^2 + 20^2 + 22^1 = 15 + 40 + 142 + 202 + 221$$

$$620 := 1^5 + 4^0 + 8^2 + 23^2 + 25^1 = 15 + 40 + 82 + 232 + 251$$

$$620 := 1^5 + 4^2 + 6^0 + 24^2 + 26^1 = 15 + 42 + 60 + 242 + 261$$

$$620 := 1^5 + 5^1 + 17^2 + 18^2 + 20^0 = 15 + 51 + 172 + 182 + 200$$

$$620 := 1^5 + 5^2 + 14^0 + 17^1 + 24^2 = 15 + 52 + 140 + 171 + 242$$

$$620 := 1^5 + 6^1 + 6^2 + 24^0 + 24^2 = 15 + 61 + 62 + 240 + 242$$

$$620 := 1^5 + 8^1 + 13^2 + 18^0 + 21^2 = 15 + 81 + 132 + 180 + 212$$

$$620 := 1^5 + 8^1 + 9^2 + 20^0 + 23^2 = 15 + 81 + 92 + 200 + 232$$

$$620 := 1^6 + 10^0 + 15^0 + 16^2 + 19^2 = 16 + 100 + 150 + 162 + 192$$

$$620 := 1^6 + 11^0 + 14^0 + 16^2 + 19^2 = 16 + 110 + 140 + 162 + 192$$

$$620 := 1^6 + 12^0 + 13^0 + 16^2 + 19^2 = 16 + 120 + 130 + 162 + 192$$

$$620 := 1^6 + 2^0 + 16^2 + 19^2 + 23^0 = 16 + 20 + 162 + 192 + 230$$

$$620 := 1^6 + 3^0 + 16^2 + 19^2 + 22^0 = 16 + 30 + 162 + 192 + 220$$

$$620 := 1^6 + 4^0 + 16^2 + 19^2 + 21^0 = 16 + 40 + 162 + 192 + 210$$

$$620 := 1^6 + 5^0 + 16^2 + 19^2 + 20^0 = 16 + 50 + 162 + 192 + 200$$

$$620 := 1^6 + 6^0 + 16^2 + 19^0 + 19^2 = 16 + 60 + 162 + 190 + 192$$

$$620 := 1^6 + 7^0 + 16^2 + 18^0 + 19^2 = 16 + 70 + 162 + 180 + 192$$

$$620 := 1^6 + 8^0 + 16^2 + 17^0 + 19^2 = 16 + 80 + 162 + 170 + 192$$

$$620 := 1^6 + 9^0 + 16^0 + 16^2 + 19^2 = 16 + 90 + 160 + 162 + 192$$

$$620 := 1^7 + 1^9 + 16^2 + 19^2 + 23^0 = 17 + 19 + 162 + 192 + 230$$

$$620 := 1^8 + 1^8 + 16^2 + 19^2 + 23^0 = 18 + 18 + 162 + 192 + 230$$

$$620 := 1^8 + 2^8 + 12^1 + 18^2 + 27^1 = 18 + 28 + 121 + 182 + 271$$

$$620 := 1^8 + 2^8 + 13^1 + 18^2 + 26^1 = 18 + 28 + 131 + 182 + 261$$

$$620 := 1^8 + 2^8 + 14^1 + 18^2 + 25^1 = 18 + 28 + 141 + 182 + 251$$

$$620 := 1^8 + 2^8 + 15^1 + 18^2 + 24^1 = 18 + 28 + 151 + 182 + 241$$

$$620 := 1^8 + 2^8 + 16^1 + 18^2 + 23^1 = 18 + 28 + 161 + 182 + 231$$

$$620 := 1^8 + 2^8 + 17^1 + 18^2 + 22^1 = 18 + 28 + 171 + 182 + 221$$

$$620 := 1^8 + 2^8 + 18^1 + 18^2 + 21^1 = 18 + 28 + 181 + 182 + 211$$

$$\begin{aligned} 620 &:= 1^8 + 2^8 + 18^2 + 19^1 + 20^1 = 18 + 28 + 182 + 191 + 201 & 620 &:= 2^6 + 10^0 + 13^1 + 13^1 + 23^2 = 26 + 100 + 131 + 131 + 232 \\ 620 &:= 1^8 + 2^9 + 9^2 + 23^0 + 25^1 = 18 + 29 + 92 + 230 + 251 & 620 &:= 2^6 + 3^1 + 10^0 + 23^1 + 23^2 = 26 + 31 + 100 + 231 + 232 \\ 620 &:= 1^9 + 2^6 + 13^2 + 19^2 + 25^1 = 19 + 26 + 132 + 192 + 251 & 620 &:= 2^6 + 4^0 + 5^2 + 23^2 + 27^0 = 26 + 40 + 52 + 232 + 270 \\ 620 &:= 2^0 + 2^5 + 11^2 + 21^2 + 25^1 = 20 + 25 + 112 + 212 + 251 & 620 &:= 2^6 + 4^1 + 10^0 + 22^1 + 23^2 = 26 + 41 + 100 + 221 + 232 \\ 620 &:= 2^0 + 2^8 + 11^0 + 19^2 + 27^0 = 20 + 28 + 110 + 192 + 270 & 620 &:= 2^6 + 5^0 + 5^2 + 23^2 + 26^0 = 26 + 50 + 52 + 232 + 260 \\ 620 &:= 2^0 + 2^8 + 12^0 + 19^2 + 26^0 = 20 + 28 + 120 + 192 + 260 & 620 &:= 2^6 + 5^1 + 10^0 + 21^1 + 23^2 = 26 + 51 + 100 + 211 + 232 \\ 620 &:= 2^0 + 2^8 + 13^0 + 19^2 + 25^0 = 20 + 28 + 130 + 192 + 250 & 620 &:= 2^6 + 5^2 + 10^0 + 21^0 + 23^2 = 26 + 52 + 100 + 210 + 232 \\ 620 &:= 2^0 + 2^8 + 14^0 + 19^2 + 24^0 = 20 + 28 + 140 + 192 + 240 & 620 &:= 2^6 + 5^2 + 11^0 + 20^0 + 23^2 = 26 + 52 + 110 + 200 + 232 \\ 620 &:= 2^0 + 2^8 + 15^0 + 19^2 + 23^0 = 20 + 28 + 150 + 192 + 230 & 620 &:= 2^6 + 5^2 + 12^0 + 19^0 + 23^2 = 26 + 52 + 120 + 190 + 232 \\ 620 &:= 2^0 + 2^8 + 16^0 + 19^2 + 22^0 = 20 + 28 + 160 + 192 + 220 & 620 &:= 2^6 + 5^2 + 13^0 + 18^0 + 23^2 = 26 + 52 + 130 + 180 + 232 \\ 620 &:= 2^0 + 2^8 + 17^0 + 19^2 + 21^0 = 20 + 28 + 170 + 192 + 210 & 620 &:= 2^6 + 5^2 + 14^0 + 17^0 + 23^2 = 26 + 52 + 140 + 170 + 232 \\ 620 &:= 2^0 + 2^8 + 18^0 + 19^2 + 20^0 = 20 + 28 + 180 + 192 + 200 & 620 &:= 2^6 + 5^2 + 15^0 + 16^0 + 23^2 = 26 + 52 + 150 + 160 + 232 \\ 620 &:= 2^0 + 2^8 + 19^0 + 19^0 + 19^2 = 20 + 28 + 190 + 190 + 192 & 620 &:= 2^6 + 5^2 + 6^0 + 23^2 + 25^0 = 26 + 52 + 60 + 232 + 250 \\ 620 &:= 2^1 + 2^5 + 12^2 + 21^2 + 24^0 = 21 + 25 + 122 + 212 + 240 & 620 &:= 2^6 + 5^2 + 7^0 + 23^2 + 24^0 = 26 + 52 + 70 + 232 + 240 \\ 620 &:= 2^1 + 2^6 + 10^0 + 23^2 + 24^1 = 21 + 26 + 100 + 232 + 241 & 620 &:= 2^6 + 5^2 + 8^0 + 23^0 + 23^2 = 26 + 52 + 80 + 230 + 232 \\ 620 &:= 2^2 + 2^5 + 7^1 + 24^2 + 26^0 = 22 + 25 + 71 + 242 + 260 & 620 &:= 2^6 + 5^2 + 9^0 + 22^0 + 23^2 = 26 + 52 + 90 + 220 + 232 \\ 620 &:= 2^2 + 3^4 + 8^3 + 22^1 + 26^0 = 22 + 34 + 83 + 221 + 260 & 620 &:= 2^6 + 6^1 + 10^0 + 20^1 + 23^2 = 26 + 61 + 100 + 201 + 232 \\ 620 &:= 2^2 + 3^5 + 11^1 + 19^2 + 26^0 = 22 + 35 + 111 + 192 + 260 & 620 &:= 2^6 + 7^1 + 10^0 + 19^1 + 23^2 = 26 + 71 + 100 + 191 + 232 \\ 620 &:= 2^3 + 2^4 + 14^0 + 19^1 + 24^2 = 23 + 24 + 140 + 191 + 242 & 620 &:= 2^6 + 8^1 + 10^0 + 18^1 + 23^2 = 26 + 81 + 100 + 181 + 232 \\ 620 &:= 2^3 + 3^3 + 10^2 + 22^2 + 24^0 = 23 + 33 + 102 + 222 + 240 & 620 &:= 2^6 + 9^1 + 10^0 + 17^1 + 23^2 = 26 + 91 + 100 + 171 + 232 \\ 620 &:= 2^4 + 11^2 + 11^2 + 18^0 + 19^2 = 24 + 112 + 112 + 180 + 192 & 620 &:= 2^7 + 4^0 + 6^1 + 22^2 + 27^0 = 27 + 40 + 61 + 222 + 270 \\ 620 &:= 2^4 + 2^6 + 2^9 + 27^0 + 27^1 = 24 + 26 + 29 + 270 + 271 & 620 &:= 2^7 + 5^0 + 6^1 + 22^2 + 26^0 = 27 + 50 + 61 + 222 + 260 \\ 620 &:= 2^4 + 4^3 + 10^1 + 22^0 + 23^2 = 24 + 43 + 101 + 220 + 232 & 620 &:= 2^7 + 6^0 + 6^1 + 22^2 + 25^0 = 27 + 60 + 61 + 222 + 250 \\ 620 &:= 2^4 + 5^2 + 17^2 + 17^2 + 20^0 = 24 + 52 + 172 + 172 + 200 & 620 &:= 2^7 + 6^1 + 10^0 + 21^0 + 22^2 = 27 + 61 + 100 + 210 + 222 \\ 620 &:= 2^4 + 5^2 + 7^2 + 23^2 + 24^0 = 24 + 52 + 72 + 232 + 240 & 620 &:= 2^7 + 6^1 + 11^0 + 20^0 + 22^2 = 27 + 61 + 110 + 200 + 222 \\ 620 &:= 2^4 + 6^3 + 8^0 + 19^2 + 26^1 = 24 + 63 + 80 + 192 + 261 & 620 &:= 2^7 + 6^1 + 12^0 + 19^0 + 22^2 = 27 + 61 + 120 + 190 + 222 \\ 620 &:= 2^4 + 8^2 + 8^3 + 16^0 + 27^1 = 24 + 82 + 83 + 160 + 271 & 620 &:= 2^7 + 6^1 + 13^0 + 18^0 + 22^2 = 27 + 61 + 130 + 180 + 222 \\ 620 &:= 2^4 + 9^2 + 9^2 + 20^0 + 21^2 = 24 + 92 + 92 + 200 + 212 & 620 &:= 2^7 + 6^1 + 14^0 + 17^0 + 22^2 = 27 + 61 + 140 + 170 + 222 \\ 620 &:= 2^5 + 3^1 + 10^2 + 22^2 + 24^0 = 25 + 31 + 102 + 222 + 240 & 620 &:= 2^7 + 6^1 + 15^0 + 16^0 + 22^2 = 27 + 61 + 150 + 160 + 222 \\ 620 &:= 2^5 + 6^0 + 9^2 + 22^1 + 22^2 = 25 + 60 + 92 + 221 + 222 & 620 &:= 2^7 + 6^1 + 7^0 + 22^2 + 24^0 = 27 + 61 + 70 + 222 + 240 \\ 620 &:= 2^5 + 6^2 + 8^0 + 22^1 + 23^2 = 25 + 62 + 80 + 221 + 232 & 620 &:= 2^7 + 6^1 + 8^0 + 22^2 + 23^0 = 27 + 61 + 80 + 222 + 230 \\ 620 &:= 2^5 + 7^1 + 16^2 + 18^0 + 18^2 = 25 + 71 + 162 + 180 + 182 & 620 &:= 2^7 + 6^1 + 9^0 + 22^0 + 22^2 = 27 + 61 + 90 + 220 + 222 \\ 620 &:= 2^5 + 7^2 + 9^1 + 20^0 + 23^2 = 25 + 72 + 91 + 200 + 232 & 620 &:= 2^8 + 10^0 + 10^0 + 19^2 + 20^0 = 28 + 100 + 100 + 192 + 200 \\ 620 &:= 2^5 + 8^0 + 13^2 + 18^1 + 20^2 = 25 + 80 + 132 + 181 + 202 & 620 &:= 2^8 + 10^0 + 11^0 + 19^0 + 19^2 = 28 + 100 + 110 + 190 + 192 \\ 620 &:= 2^5 + 9^1 + 16^0 + 17^2 + 17^2 = 25 + 91 + 160 + 172 + 172 & 620 &:= 2^8 + 10^0 + 12^0 + 18^0 + 19^2 = 28 + 100 + 120 + 180 + 192 \\ 620 &:= 2^6 + 10^0 + 10^1 + 16^1 + 23^2 = 26 + 100 + 101 + 161 + 232 & 620 &:= 2^8 + 10^0 + 13^0 + 17^0 + 19^2 = 28 + 100 + 130 + 170 + 192 \\ 620 &:= 2^6 + 10^0 + 11^1 + 15^1 + 23^2 = 26 + 100 + 111 + 151 + 232 & 620 &:= 2^8 + 10^0 + 14^0 + 16^0 + 19^2 = 28 + 100 + 140 + 160 + 192 \\ 620 &:= 2^6 + 10^0 + 12^1 + 14^1 + 23^2 = 26 + 100 + 121 + 141 + 232 & 620 &:= 2^8 + 10^0 + 15^0 + 15^0 + 19^2 = 28 + 100 + 150 + 150 + 192 \end{aligned}$$

$$\begin{aligned} 620 &:= 2^8 + 11^0 + 11^0 + 18^0 + 19^2 = 28 + 110 + 110 + 180 + 192 & 620 &:= 2^8 + 6^0 + 11^0 + 19^2 + 23^0 = 28 + 60 + 110 + 192 + 230 \\ 620 &:= 2^8 + 11^0 + 12^0 + 17^0 + 19^2 = 28 + 110 + 120 + 170 + 192 & 620 &:= 2^8 + 6^0 + 12^0 + 19^2 + 22^0 = 28 + 60 + 120 + 192 + 220 \\ 620 &:= 2^8 + 11^0 + 13^0 + 16^0 + 19^2 = 28 + 110 + 130 + 160 + 192 & 620 &:= 2^8 + 6^0 + 13^0 + 19^2 + 21^0 = 28 + 60 + 130 + 192 + 210 \\ 620 &:= 2^8 + 11^0 + 14^0 + 15^0 + 19^2 = 28 + 110 + 140 + 150 + 192 & 620 &:= 2^8 + 6^0 + 14^0 + 19^2 + 20^0 = 28 + 60 + 140 + 192 + 200 \\ 620 &:= 2^8 + 12^0 + 12^0 + 16^0 + 19^2 = 28 + 120 + 120 + 160 + 192 & 620 &:= 2^8 + 6^0 + 15^0 + 19^0 + 19^2 = 28 + 60 + 150 + 190 + 192 \\ 620 &:= 2^8 + 12^0 + 13^0 + 15^0 + 19^2 = 28 + 120 + 130 + 150 + 192 & 620 &:= 2^8 + 6^0 + 16^0 + 18^0 + 19^2 = 28 + 60 + 160 + 180 + 192 \\ 620 &:= 2^8 + 12^0 + 14^0 + 14^0 + 19^2 = 28 + 120 + 140 + 140 + 192 & 620 &:= 2^8 + 6^0 + 17^0 + 17^0 + 19^2 = 28 + 60 + 170 + 170 + 192 \\ 620 &:= 2^8 + 13^0 + 13^0 + 14^0 + 19^2 = 28 + 130 + 130 + 140 + 192 & 620 &:= 2^8 + 6^0 + 7^0 + 19^2 + 27^0 = 28 + 60 + 70 + 192 + 270 \\ 620 &:= 2^8 + 3^0 + 10^0 + 19^2 + 27^0 = 28 + 30 + 100 + 192 + 270 & 620 &:= 2^8 + 6^0 + 8^0 + 19^2 + 26^0 = 28 + 60 + 80 + 192 + 260 \\ 620 &:= 2^8 + 3^0 + 11^0 + 19^2 + 26^0 = 28 + 30 + 110 + 192 + 260 & 620 &:= 2^8 + 6^0 + 9^0 + 19^2 + 25^0 = 28 + 60 + 90 + 192 + 250 \\ 620 &:= 2^8 + 3^0 + 12^0 + 19^2 + 25^0 = 28 + 30 + 120 + 192 + 250 & 620 &:= 2^8 + 7^0 + 10^0 + 19^2 + 23^0 = 28 + 70 + 100 + 192 + 230 \\ 620 &:= 2^8 + 3^0 + 13^0 + 19^2 + 24^0 = 28 + 30 + 130 + 192 + 240 & 620 &:= 2^8 + 7^0 + 11^0 + 19^2 + 22^0 = 28 + 70 + 110 + 192 + 220 \\ 620 &:= 2^8 + 3^0 + 14^0 + 19^2 + 23^0 = 28 + 30 + 140 + 192 + 230 & 620 &:= 2^8 + 7^0 + 12^0 + 19^2 + 21^0 = 28 + 70 + 120 + 192 + 210 \\ 620 &:= 2^8 + 3^0 + 15^0 + 19^2 + 22^0 = 28 + 30 + 150 + 192 + 220 & 620 &:= 2^8 + 7^0 + 13^0 + 19^2 + 20^0 = 28 + 70 + 130 + 192 + 200 \\ 620 &:= 2^8 + 3^0 + 16^0 + 19^2 + 21^0 = 28 + 30 + 160 + 192 + 210 & 620 &:= 2^8 + 7^0 + 14^0 + 19^0 + 19^2 = 28 + 70 + 140 + 190 + 192 \\ 620 &:= 2^8 + 3^0 + 17^0 + 19^2 + 20^0 = 28 + 30 + 170 + 192 + 200 & 620 &:= 2^8 + 7^0 + 15^0 + 18^0 + 19^2 = 28 + 70 + 150 + 180 + 192 \\ 620 &:= 2^8 + 3^0 + 18^0 + 19^0 + 19^2 = 28 + 30 + 180 + 190 + 192 & 620 &:= 2^8 + 7^0 + 16^0 + 17^0 + 19^2 = 28 + 70 + 160 + 170 + 192 \\ 620 &:= 2^8 + 4^0 + 10^0 + 19^2 + 26^0 = 28 + 40 + 100 + 192 + 260 & 620 &:= 2^8 + 7^0 + 7^0 + 19^2 + 26^0 = 28 + 70 + 70 + 192 + 260 \\ 620 &:= 2^8 + 4^0 + 11^0 + 19^2 + 25^0 = 28 + 40 + 110 + 192 + 250 & 620 &:= 2^8 + 7^0 + 8^0 + 19^2 + 25^0 = 28 + 70 + 80 + 192 + 250 \\ 620 &:= 2^8 + 4^0 + 12^0 + 19^2 + 24^0 = 28 + 40 + 120 + 192 + 240 & 620 &:= 2^8 + 7^0 + 9^0 + 19^2 + 24^0 = 28 + 70 + 90 + 192 + 240 \\ 620 &:= 2^8 + 4^0 + 13^0 + 19^2 + 23^0 = 28 + 40 + 130 + 192 + 230 & 620 &:= 2^8 + 8^0 + 10^0 + 19^2 + 22^0 = 28 + 80 + 100 + 192 + 220 \\ 620 &:= 2^8 + 4^0 + 14^0 + 19^2 + 22^0 = 28 + 40 + 140 + 192 + 220 & 620 &:= 2^8 + 8^0 + 11^0 + 19^2 + 21^0 = 28 + 80 + 110 + 192 + 210 \\ 620 &:= 2^8 + 4^0 + 15^0 + 19^2 + 21^0 = 28 + 40 + 150 + 192 + 210 & 620 &:= 2^8 + 8^0 + 12^0 + 19^2 + 20^0 = 28 + 80 + 120 + 192 + 200 \\ 620 &:= 2^8 + 4^0 + 16^0 + 19^2 + 20^0 = 28 + 40 + 160 + 192 + 200 & 620 &:= 2^8 + 8^0 + 13^0 + 19^0 + 19^2 = 28 + 80 + 130 + 190 + 192 \\ 620 &:= 2^8 + 4^0 + 17^0 + 19^0 + 19^2 = 28 + 40 + 170 + 190 + 192 & 620 &:= 2^8 + 8^0 + 14^0 + 18^0 + 19^2 = 28 + 80 + 140 + 180 + 192 \\ 620 &:= 2^8 + 4^0 + 18^0 + 18^0 + 19^2 = 28 + 40 + 180 + 180 + 192 & 620 &:= 2^8 + 8^0 + 15^0 + 17^0 + 19^2 = 28 + 80 + 150 + 170 + 192 \\ 620 &:= 2^8 + 4^0 + 9^0 + 19^2 + 27^0 = 28 + 40 + 90 + 192 + 270 & 620 &:= 2^8 + 8^0 + 16^0 + 16^0 + 19^2 = 28 + 80 + 160 + 160 + 192 \\ 620 &:= 2^8 + 5^0 + 10^0 + 19^2 + 25^0 = 28 + 50 + 100 + 192 + 250 & 620 &:= 2^8 + 8^0 + 8^0 + 19^2 + 24^0 = 28 + 80 + 80 + 192 + 240 \\ 620 &:= 2^8 + 5^0 + 11^0 + 19^2 + 24^0 = 28 + 50 + 110 + 192 + 240 & 620 &:= 2^8 + 8^0 + 9^0 + 19^2 + 23^0 = 28 + 80 + 90 + 192 + 230 \\ 620 &:= 2^8 + 5^0 + 12^0 + 19^2 + 23^0 = 28 + 50 + 120 + 192 + 230 & 620 &:= 2^8 + 9^0 + 10^0 + 19^2 + 21^0 = 28 + 90 + 100 + 192 + 210 \\ 620 &:= 2^8 + 5^0 + 13^0 + 19^2 + 22^0 = 28 + 50 + 130 + 192 + 220 & 620 &:= 2^8 + 9^0 + 11^0 + 19^2 + 20^0 = 28 + 90 + 110 + 192 + 200 \\ 620 &:= 2^8 + 5^0 + 14^0 + 19^2 + 21^0 = 28 + 50 + 140 + 192 + 210 & 620 &:= 2^8 + 9^0 + 12^0 + 19^0 + 19^2 = 28 + 90 + 120 + 190 + 192 \\ 620 &:= 2^8 + 5^0 + 15^0 + 19^2 + 20^0 = 28 + 50 + 150 + 192 + 200 & 620 &:= 2^8 + 9^0 + 13^0 + 18^0 + 19^2 = 28 + 90 + 130 + 180 + 192 \\ 620 &:= 2^8 + 5^0 + 16^0 + 19^0 + 19^2 = 28 + 50 + 160 + 190 + 192 & 620 &:= 2^8 + 9^0 + 14^0 + 17^0 + 19^2 = 28 + 90 + 140 + 170 + 192 \\ 620 &:= 2^8 + 5^0 + 17^0 + 18^0 + 19^2 = 28 + 50 + 170 + 180 + 192 & 620 &:= 2^8 + 9^0 + 15^0 + 16^0 + 19^2 = 28 + 90 + 150 + 160 + 192 \\ 620 &:= 2^8 + 5^0 + 8^0 + 19^2 + 27^0 = 28 + 50 + 80 + 192 + 270 & 620 &:= 2^8 + 9^0 + 9^0 + 19^2 + 22^0 = 28 + 90 + 90 + 192 + 220 \\ 620 &:= 2^8 + 5^0 + 9^0 + 19^2 + 26^0 = 28 + 50 + 90 + 192 + 260 & 620 &:= 3^3 + 3^3 + 6^2 + 23^2 + 26^0 = 33 + 33 + 62 + 232 + 260 \\ 620 &:= 2^8 + 6^0 + 10^0 + 19^2 + 24^0 = 28 + 60 + 100 + 192 + 240 & 620 &:= 3^3 + 3^3 + 9^2 + 22^2 + 24^0 = 33 + 33 + 92 + 222 + 240 \end{aligned}$$

$$\begin{aligned}
 620 &:= 3^3 + 3^4 + 6^0 + 22^2 + 27^1 = 33 + 34 + 60 + 222 + 271 \\
 620 &:= 3^3 + 4^4 + 12^1 + 18^2 + 24^0 = 33 + 44 + 121 + 182 + 240 \\
 620 &:= 3^4 + 12^2 + 13^2 + 15^2 + 18^0 = 34 + 122 + 132 + 152 + 180 \\
 620 &:= 3^4 + 4^2 + 9^2 + 21^2 + 24^0 = 34 + 42 + 92 + 212 + 240 \\
 620 &:= 3^4 + 5^3 + 13^1 + 20^0 + 20^2 = 34 + 53 + 131 + 200 + 202 \\
 620 &:= 3^4 + 7^3 + 12^0 + 13^2 + 26^1 = 34 + 73 + 120 + 132 + 261 \\
 620 &:= 3^5 + 10^2 + 12^0 + 16^2 + 20^1 = 35 + 102 + 120 + 162 + 201 \\
 620 &:= 3^5 + 11^1 + 13^2 + 14^2 + 20^0 = 35 + 111 + 132 + 142 + 200 \\
 620 &:= 3^5 + 5^2 + 8^0 + 18^2 + 27^1 = 35 + 52 + 80 + 182 + 271 \\
 620 &:= 3^5 + 6^1 + 7^3 + 18^0 + 27^1 = 35 + 61 + 73 + 180 + 271 \\
 620 &:= 3^5 + 6^1 + 9^2 + 17^2 + 26^0 = 35 + 61 + 92 + 172 + 260 \\
 620 &:= 3^5 + 6^2 + 16^1 + 18^0 + 18^2 = 35 + 62 + 161 + 180 + 182 \\
 620 &:= 3^5 + 7^1 + 12^2 + 15^2 + 24^0 = 35 + 71 + 122 + 152 + 240 \\
 620 &:= 3^5 + 7^1 + 7^3 + 18^0 + 26^1 = 35 + 71 + 73 + 180 + 261 \\
 620 &:= 3^5 + 7^3 + 10^1 + 18^0 + 23^1 = 35 + 73 + 101 + 180 + 231 \\
 620 &:= 3^5 + 7^3 + 11^1 + 18^0 + 22^1 = 35 + 73 + 111 + 180 + 221
 \end{aligned}$$

$$\begin{aligned}
 620 &:= 3^5 + 7^3 + 12^1 + 18^0 + 21^1 = 35 + 73 + 121 + 180 + 211 \\
 620 &:= 3^5 + 7^3 + 13^1 + 18^0 + 20^1 = 35 + 73 + 131 + 180 + 201 \\
 620 &:= 3^5 + 7^3 + 14^1 + 18^0 + 19^1 = 35 + 73 + 141 + 180 + 191 \\
 620 &:= 3^5 + 7^3 + 15^1 + 18^0 + 18^1 = 35 + 73 + 151 + 180 + 181 \\
 620 &:= 3^5 + 7^3 + 16^1 + 17^1 + 18^0 = 35 + 73 + 161 + 171 + 180 \\
 620 &:= 3^5 + 7^3 + 8^1 + 18^0 + 25^1 = 35 + 73 + 81 + 180 + 251 \\
 620 &:= 3^5 + 7^3 + 9^1 + 18^0 + 24^1 = 35 + 73 + 91 + 180 + 241 \\
 620 &:= 3^5 + 8^2 + 10^0 + 17^2 + 23^1 = 35 + 82 + 100 + 172 + 231 \\
 620 &:= 4^3 + 4^4 + 10^1 + 17^2 + 26^0 = 43 + 44 + 101 + 172 + 260 \\
 620 &:= 4^4 + 11^2 + 11^2 + 11^2 + 24^0 = 44 + 112 + 112 + 112 + 240 \\
 620 &:= 4^4 + 5^2 + 13^2 + 13^2 + 26^0 = 44 + 52 + 132 + 132 + 260 \\
 620 &:= 4^4 + 5^3 + 13^1 + 15^2 + 24^0 = 44 + 53 + 131 + 152 + 240 \\
 620 &:= 4^4 + 6^3 + 11^2 + 14^0 + 26^1 = 44 + 63 + 112 + 140 + 261 \\
 620 &:= 5^3 + 5^3 + 12^2 + 15^2 + 24^0 = 53 + 53 + 122 + 152 + 240 \\
 620 &:= 5^3 + 5^3 + 7^3 + 18^0 + 26^1 = 53 + 53 + 73 + 180 + 261
 \end{aligned}$$

2.2.522 Number 621

$$\begin{aligned}
 621 &:= 2^8 + 18^2 + 41^1 = 28 + 182 + 411 \\
 621 &:= 1^0 + 2^8 + 18^2 + 40^1 = 10 + 28 + 182 + 401 \\
 621 &:= 1^5 + 8^2 + 8^3 + 44^1 = 15 + 82 + 83 + 441 \\
 621 &:= 2^4 + 3^5 + 19^2 + 37^0 = 24 + 35 + 192 + 370 \\
 621 &:= 2^4 + 6^3 + 7^3 + 46^1 = 24 + 63 + 73 + 461 \\
 621 &:= 2^5 + 3^3 + 23^2 + 33^1 = 25 + 33 + 232 + 331 \\
 621 &:= 2^6 + 13^2 + 19^2 + 27^1 = 26 + 132 + 192 + 271 \\
 621 &:= 2^6 + 3^3 + 23^2 + 33^0 = 26 + 33 + 232 + 330 \\
 621 &:= 2^8 + 3^1 + 19^2 + 37^0 = 28 + 31 + 192 + 370 \\
 621 &:= 3^5 + 4^4 + 11^2 + 43^0 = 35 + 44 + 112 + 430 \\
 621 &:= 3^5 + 6^3 + 11^2 + 41^1 = 35 + 63 + 112 + 411 \\
 621 &:= 4^4 + 4^4 + 8^2 + 45^1 = 44 + 44 + 82 + 451 \\
 621 &:= 1^0 + 2^6 + 13^2 + 19^2 + 26^1 = 10 + 26 + 132 + 192 + 261 \\
 621 &:= 1^1 + 2^5 + 11^2 + 21^2 + 26^1 = 11 + 25 + 112 + 212 + 261 \\
 621 &:= 1^2 + 2^4 + 16^2 + 18^2 + 24^1 = 12 + 24 + 162 + 182 + 241 \\
 621 &:= 1^2 + 2^6 + 9^0 + 23^2 + 26^1 = 12 + 26 + 90 + 232 + 261 \\
 621 &:= 1^2 + 3^4 + 15^2 + 17^2 + 25^1 = 12 + 34 + 152 + 172 + 251 \\
 621 &:= 1^3 + 2^5 + 11^1 + 23^0 + 24^2 = 13 + 25 + 111 + 230 + 242 \\
 621 &:= 1^3 + 3^3 + 13^2 + 20^2 + 24^1 = 13 + 33 + 132 + 202 + 241
 \end{aligned}$$

$$\begin{aligned}
 621 &:= 1^3 + 3^4 + 8^3 + 23^0 + 26^1 = 13 + 34 + 83 + 230 + 261 \\
 621 &:= 1^3 + 3^5 + 15^1 + 19^2 + 23^0 = 13 + 35 + 151 + 192 + 230 \\
 621 &:= 1^3 + 6^3 + 11^2 + 16^2 + 27^1 = 13 + 63 + 112 + 162 + 271 \\
 621 &:= 1^4 + 10^2 + 10^2 + 20^1 + 20^2 = 14 + 102 + 102 + 201 + 202 \\
 621 &:= 1^4 + 11^2 + 15^2 + 16^2 + 18^1 = 14 + 112 + 152 + 162 + 181 \\
 621 &:= 1^4 + 12^2 + 13^2 + 17^2 + 18^1 = 14 + 122 + 132 + 172 + 181 \\
 621 &:= 1^4 + 2^4 + 7^0 + 24^2 + 27^1 = 14 + 24 + 70 + 242 + 271 \\
 621 &:= 1^4 + 3^4 + 9^1 + 23^2 + 25^0 = 14 + 34 + 91 + 232 + 250 \\
 621 &:= 1^4 + 4^2 + 7^2 + 23^2 + 26^1 = 14 + 42 + 72 + 232 + 261 \\
 621 &:= 1^4 + 6^2 + 11^2 + 21^2 + 22^1 = 14 + 62 + 112 + 212 + 221 \\
 621 &:= 1^4 + 7^2 + 8^2 + 22^2 + 23^1 = 14 + 72 + 82 + 222 + 231 \\
 621 &:= 1^4 + 8^2 + 8^3 + 17^1 + 27^1 = 14 + 82 + 83 + 171 + 271 \\
 621 &:= 1^4 + 8^2 + 8^3 + 18^1 + 26^1 = 14 + 82 + 83 + 181 + 261 \\
 621 &:= 1^4 + 8^2 + 8^3 + 19^1 + 25^1 = 14 + 82 + 83 + 191 + 251 \\
 621 &:= 1^4 + 8^2 + 8^3 + 20^1 + 24^1 = 14 + 82 + 83 + 201 + 241 \\
 621 &:= 1^4 + 8^2 + 8^3 + 21^1 + 23^1 = 14 + 82 + 83 + 211 + 231 \\
 621 &:= 1^4 + 8^2 + 8^3 + 22^1 + 22^1 = 14 + 82 + 83 + 221 + 221 \\
 621 &:= 1^4 + 9^2 + 14^2 + 18^2 + 19^1 = 14 + 92 + 142 + 182 + 191 \\
 621 &:= 1^5 + 13^2 + 15^2 + 15^2 + 17^0 = 15 + 132 + 152 + 152 + 170
 \end{aligned}$$

$$\begin{aligned} 621 &:= 1^5 + 3^2 + 13^2 + 21^2 + 23^0 = 15 + 32 + 132 + 212 + 230 & 621 &:= 2^4 + 4^2 + 9^2 + 22^2 + 24^1 = 24 + 42 + 92 + 222 + 241 \\ 621 &:= 1^5 + 3^2 + 9^2 + 23^2 + 25^0 = 15 + 32 + 92 + 232 + 250 & 621 &:= 2^4 + 4^4 + 13^0 + 18^2 + 24^1 = 24 + 44 + 130 + 182 + 241 \\ 621 &:= 1^5 + 3^3 + 16^1 + 17^0 + 24^2 = 15 + 33 + 161 + 170 + 242 & 621 &:= 2^4 + 5^2 + 5^2 + 23^2 + 26^1 = 24 + 52 + 52 + 232 + 261 \\ 621 &:= 1^5 + 4^3 + 7^0 + 23^2 + 26^1 = 15 + 43 + 70 + 232 + 261 & 621 &:= 2^4 + 6^2 + 15^2 + 18^2 + 20^1 = 24 + 62 + 152 + 182 + 201 \\ 621 &:= 1^5 + 5^3 + 10^1 + 22^2 + 23^0 = 15 + 53 + 101 + 222 + 230 & 621 &:= 2^4 + 6^3 + 8^2 + 18^2 + 27^0 = 24 + 63 + 82 + 182 + 270 \\ 621 &:= 1^5 + 7^3 + 16^2 + 17^0 + 20^1 = 15 + 73 + 162 + 170 + 201 & 621 &:= 2^4 + 7^2 + 7^2 + 22^2 + 23^1 = 24 + 72 + 72 + 222 + 231 \\ 621 &:= 1^5 + 8^3 + 9^2 + 17^0 + 26^1 = 15 + 83 + 92 + 170 + 261 & 621 &:= 2^4 + 7^2 + 8^3 + 17^1 + 27^1 = 24 + 72 + 83 + 171 + 271 \\ 621 &:= 1^6 + 11^2 + 13^0 + 14^1 + 22^2 = 16 + 112 + 130 + 141 + 222 & 621 &:= 2^4 + 7^2 + 8^3 + 18^1 + 26^1 = 24 + 72 + 83 + 181 + 261 \\ 621 &:= 1^6 + 2^1 + 16^2 + 19^2 + 23^0 = 16 + 21 + 162 + 192 + 230 & 621 &:= 2^4 + 7^2 + 8^3 + 19^1 + 25^1 = 24 + 72 + 83 + 191 + 251 \\ 621 &:= 1^6 + 3^0 + 14^2 + 20^2 + 23^1 = 16 + 30 + 142 + 202 + 231 & 621 &:= 2^4 + 7^2 + 8^3 + 20^1 + 24^1 = 24 + 72 + 83 + 201 + 241 \\ 621 &:= 1^6 + 3^0 + 8^2 + 23^2 + 26^1 = 16 + 30 + 82 + 232 + 261 & 621 &:= 2^4 + 7^2 + 8^3 + 21^1 + 23^1 = 24 + 72 + 83 + 211 + 231 \\ 621 &:= 1^6 + 4^2 + 5^0 + 24^2 + 27^1 = 16 + 42 + 50 + 242 + 271 & 621 &:= 2^4 + 7^2 + 8^3 + 22^1 + 22^1 = 24 + 72 + 83 + 221 + 221 \\ 621 &:= 1^6 + 5^2 + 13^0 + 18^1 + 24^2 = 16 + 52 + 130 + 181 + 242 & 621 &:= 2^4 + 7^3 + 10^1 + 15^2 + 27^1 = 24 + 73 + 101 + 152 + 271 \\ 621 &:= 1^6 + 6^1 + 17^2 + 18^2 + 19^0 = 16 + 61 + 172 + 182 + 190 & 621 &:= 2^4 + 7^3 + 11^1 + 15^2 + 26^1 = 24 + 73 + 111 + 152 + 261 \\ 621 &:= 1^6 + 6^2 + 7^1 + 23^0 + 24^2 = 16 + 62 + 71 + 230 + 242 & 621 &:= 2^4 + 7^3 + 12^1 + 15^2 + 25^1 = 24 + 73 + 121 + 152 + 251 \\ 621 &:= 1^6 + 9^1 + 13^2 + 17^0 + 21^2 = 16 + 91 + 132 + 170 + 212 & 621 &:= 2^4 + 7^3 + 13^1 + 15^2 + 24^1 = 24 + 73 + 131 + 152 + 241 \\ 621 &:= 1^6 + 9^1 + 9^2 + 19^0 + 23^2 = 16 + 91 + 92 + 190 + 232 & 621 &:= 2^4 + 7^3 + 14^1 + 15^2 + 23^1 = 24 + 73 + 141 + 152 + 231 \\ 621 &:= 1^9 + 2^9 + 9^2 + 22^0 + 26^1 = 19 + 29 + 92 + 220 + 261 & 621 &:= 2^4 + 7^3 + 15^1 + 15^2 + 22^1 = 24 + 73 + 151 + 152 + 221 \\ 621 &:= 2^1 + 2^5 + 11^2 + 21^2 + 25^1 = 21 + 25 + 112 + 212 + 251 & 621 &:= 2^4 + 7^3 + 15^2 + 16^1 + 21^1 = 24 + 73 + 152 + 161 + 211 \\ 621 &:= 2^1 + 2^8 + 11^0 + 19^2 + 27^0 = 21 + 28 + 110 + 192 + 270 & 621 &:= 2^4 + 7^3 + 15^2 + 17^1 + 20^1 = 24 + 73 + 152 + 171 + 201 \\ 621 &:= 2^1 + 2^8 + 12^0 + 19^2 + 26^0 = 21 + 28 + 120 + 192 + 260 & 621 &:= 2^4 + 7^3 + 15^2 + 18^1 + 19^1 = 24 + 73 + 152 + 181 + 191 \\ 621 &:= 2^1 + 2^8 + 13^0 + 19^2 + 25^0 = 21 + 28 + 130 + 192 + 250 & 621 &:= 2^4 + 8^2 + 11^2 + 20^1 + 20^2 = 24 + 82 + 112 + 201 + 202 \\ 621 &:= 2^1 + 2^8 + 14^0 + 19^2 + 24^0 = 21 + 28 + 140 + 192 + 240 & 621 &:= 2^4 + 9^2 + 12^2 + 19^1 + 19^2 = 24 + 92 + 122 + 191 + 192 \\ 621 &:= 2^1 + 2^8 + 15^0 + 19^2 + 23^0 = 21 + 28 + 150 + 192 + 230 & 621 &:= 2^5 + 10^1 + 11^2 + 17^1 + 21^2 = 25 + 101 + 112 + 171 + 212 \\ 621 &:= 2^1 + 2^8 + 16^0 + 19^2 + 22^0 = 21 + 28 + 160 + 192 + 220 & 621 &:= 2^5 + 11^1 + 11^2 + 16^1 + 21^2 = 25 + 111 + 112 + 161 + 212 \\ 621 &:= 2^1 + 2^8 + 17^0 + 19^2 + 21^0 = 21 + 28 + 170 + 192 + 210 & 621 &:= 2^5 + 11^2 + 12^1 + 15^1 + 21^2 = 25 + 112 + 121 + 151 + 212 \\ 621 &:= 2^1 + 2^8 + 18^0 + 19^2 + 20^0 = 21 + 28 + 180 + 192 + 200 & 621 &:= 2^5 + 11^2 + 13^1 + 14^1 + 21^2 = 25 + 112 + 131 + 141 + 212 \\ 621 &:= 2^1 + 2^8 + 19^0 + 19^0 + 19^2 = 21 + 28 + 190 + 190 + 192 & 621 &:= 2^5 + 14^2 + 14^2 + 14^2 + 17^0 = 25 + 142 + 142 + 142 + 170 \\ 621 &:= 2^2 + 2^4 + 17^2 + 17^2 + 23^1 = 22 + 24 + 172 + 172 + 231 & 621 &:= 2^5 + 3^1 + 11^2 + 21^2 + 24^1 = 25 + 31 + 112 + 212 + 241 \\ 621 &:= 2^2 + 2^5 + 10^2 + 22^2 + 25^0 = 22 + 25 + 102 + 222 + 250 & 621 &:= 2^5 + 4^1 + 11^2 + 21^2 + 23^1 = 25 + 41 + 112 + 212 + 231 \\ 621 &:= 2^2 + 2^6 + 11^0 + 23^1 + 23^2 = 22 + 26 + 110 + 231 + 232 & 621 &:= 2^5 + 5^1 + 11^2 + 21^2 + 22^1 = 25 + 51 + 112 + 212 + 221 \\ 621 &:= 2^2 + 3^4 + 16^2 + 16^2 + 24^1 = 22 + 34 + 162 + 162 + 241 & 621 &:= 2^5 + 5^3 + 11^0 + 21^2 + 22^1 = 25 + 53 + 110 + 212 + 221 \\ 621 &:= 2^3 + 2^3 + 7^2 + 23^2 + 27^1 = 23 + 23 + 72 + 232 + 271 & 621 &:= 2^5 + 6^1 + 11^2 + 21^1 + 21^2 = 25 + 61 + 112 + 211 + 212 \\ 621 &:= 2^3 + 2^4 + 14^2 + 20^2 + 23^0 = 23 + 24 + 142 + 202 + 230 & 621 &:= 2^5 + 6^3 + 11^1 + 19^2 + 23^0 = 25 + 63 + 111 + 192 + 230 \\ 621 &:= 2^3 + 3^3 + 11^2 + 21^2 + 24^1 = 23 + 33 + 112 + 212 + 241 & 621 &:= 2^5 + 7^1 + 11^2 + 20^1 + 21^2 = 25 + 71 + 112 + 201 + 212 \\ 621 &:= 2^3 + 6^3 + 9^2 + 17^2 + 27^1 = 23 + 63 + 92 + 172 + 271 & 621 &:= 2^5 + 7^2 + 8^3 + 17^0 + 27^1 = 25 + 72 + 83 + 170 + 271 \\ 621 &:= 2^4 + 14^2 + 14^2 + 14^2 + 17^1 = 24 + 142 + 142 + 142 + 171 & 621 &:= 2^5 + 7^3 + 15^2 + 17^0 + 20^1 = 25 + 73 + 152 + 170 + 201 \\ 621 &:= 2^4 + 2^4 + 12^1 + 21^0 + 24^2 = 24 + 24 + 121 + 210 + 242 & 621 &:= 2^5 + 8^1 + 11^2 + 19^1 + 21^2 = 25 + 81 + 112 + 191 + 212 \end{aligned}$$

$$\begin{aligned} 621 &:= 2^5 + 9^1 + 11^2 + 18^1 + 21^2 = 25 + 91 + 112 + 181 + 212 \\ 621 &:= 2^6 + 10^2 + 13^0 + 15^1 + 21^2 = 26 + 102 + 130 + 151 + 212 \\ 621 &:= 2^6 + 11^1 + 15^0 + 16^2 + 17^2 = 26 + 111 + 150 + 162 + 172 \\ 621 &:= 2^6 + 12^1 + 12^2 + 15^0 + 20^2 = 26 + 121 + 122 + 150 + 202 \\ 621 &:= 2^6 + 3^2 + 15^0 + 18^1 + 23^2 = 26 + 32 + 150 + 181 + 232 \\ 621 &:= 2^6 + 4^2 + 11^1 + 21^0 + 23^2 = 26 + 42 + 111 + 210 + 232 \\ 621 &:= 2^6 + 7^0 + 7^2 + 22^2 + 23^1 = 26 + 70 + 72 + 222 + 231 \\ 621 &:= 2^6 + 7^0 + 8^3 + 17^1 + 27^1 = 26 + 70 + 83 + 171 + 271 \\ 621 &:= 2^6 + 7^0 + 8^3 + 18^1 + 26^1 = 26 + 70 + 83 + 181 + 261 \\ 621 &:= 2^6 + 7^0 + 8^3 + 19^1 + 25^1 = 26 + 70 + 83 + 191 + 251 \\ 621 &:= 2^6 + 7^0 + 8^3 + 20^1 + 24^1 = 26 + 70 + 83 + 201 + 241 \\ 621 &:= 2^6 + 7^0 + 8^3 + 21^1 + 23^1 = 26 + 70 + 83 + 211 + 231 \\ 621 &:= 2^6 + 7^0 + 8^3 + 22^1 + 22^1 = 26 + 70 + 83 + 221 + 221 \\ 621 &:= 2^6 + 7^1 + 15^2 + 18^2 + 19^0 = 26 + 71 + 152 + 182 + 190 \\ 621 &:= 2^6 + 8^1 + 8^2 + 21^0 + 22^2 = 26 + 81 + 82 + 210 + 222 \\ 621 &:= 2^8 + 2^8 + 3^4 + 26^0 + 27^1 = 28 + 28 + 34 + 260 + 271 \\ 621 &:= 3^2 + 3^4 + 8^2 + 21^2 + 26^1 = 32 + 34 + 82 + 212 + 261 \\ 621 &:= 3^2 + 3^5 + 7^3 + 23^0 + 25^1 = 32 + 35 + 73 + 230 + 251 \\ 621 &:= 3^3 + 3^3 + 12^2 + 20^2 + 23^1 = 33 + 33 + 122 + 202 + 231 \\ 621 &:= 3^3 + 3^3 + 16^2 + 17^2 + 22^1 = 33 + 33 + 162 + 172 + 221 \\ 621 &:= 3^3 + 3^4 + 16^2 + 16^2 + 23^0 = 33 + 34 + 162 + 162 + 230 \\ 621 &:= 3^3 + 3^5 + 11^0 + 18^2 + 26^1 = 33 + 35 + 110 + 182 + 261 \\ 621 &:= 3^3 + 4^3 + 8^2 + 21^2 + 25^1 = 33 + 43 + 82 + 212 + 251 \\ 621 &:= 3^3 + 5^3 + 11^2 + 18^2 + 24^1 = 33 + 53 + 112 + 182 + 241 \\ 621 &:= 3^4 + 10^2 + 14^2 + 15^2 + 19^1 = 34 + 102 + 142 + 152 + 191 \\ 621 &:= 3^4 + 11^2 + 12^2 + 16^2 + 19^1 = 34 + 112 + 122 + 162 + 191 \\ 621 &:= 3^4 + 3^4 + 17^0 + 17^1 + 21^2 = 34 + 34 + 170 + 171 + 212 \\ 621 &:= 3^4 + 4^2 + 10^2 + 20^2 + 24^1 = 34 + 42 + 102 + 202 + 241 \\ 621 &:= 3^4 + 4^4 + 11^0 + 16^2 + 27^1 = 34 + 44 + 110 + 162 + 271 \\ 621 &:= 3^4 + 5^2 + 13^2 + 18^2 + 22^1 = 34 + 52 + 132 + 182 + 221 \\ 621 &:= 3^4 + 5^2 + 7^2 + 21^2 + 25^1 = 34 + 52 + 72 + 212 + 251 \\ 621 &:= 3^4 + 6^2 + 11^2 + 19^2 + 22^1 = 34 + 62 + 112 + 192 + 221 \\ 621 &:= 3^4 + 6^2 + 9^2 + 20^2 + 23^1 = 34 + 62 + 92 + 202 + 231 \\ 621 &:= 3^4 + 6^3 + 10^1 + 17^2 + 25^1 = 34 + 63 + 101 + 172 + 251 \\ 621 &:= 3^4 + 6^3 + 11^1 + 17^2 + 24^1 = 34 + 63 + 111 + 172 + 241 \\ 621 &:= 3^4 + 6^3 + 12^1 + 17^2 + 23^1 = 34 + 63 + 121 + 172 + 231 \\ 621 &:= 3^4 + 6^3 + 13^1 + 17^2 + 22^1 = 34 + 63 + 131 + 172 + 221 \\ 621 &:= 3^4 + 6^3 + 14^1 + 17^2 + 21^1 = 34 + 63 + 141 + 172 + 211 \\ 621 &:= 3^4 + 6^3 + 15^1 + 17^2 + 20^1 = 34 + 63 + 151 + 172 + 201 \\ 621 &:= 3^4 + 6^3 + 16^1 + 17^2 + 19^1 = 34 + 63 + 161 + 172 + 191 \\ 621 &:= 3^4 + 6^3 + 17^1 + 17^2 + 18^1 = 34 + 63 + 171 + 172 + 181 \\ 621 &:= 3^4 + 6^3 + 8^1 + 17^2 + 27^1 = 34 + 63 + 81 + 172 + 271 \\ 621 &:= 3^4 + 6^3 + 9^1 + 17^2 + 26^1 = 34 + 63 + 91 + 172 + 261 \\ 621 &:= 3^5 + 10^1 + 11^2 + 15^2 + 22^1 = 35 + 101 + 112 + 152 + 221 \\ 621 &:= 3^5 + 11^1 + 11^2 + 15^2 + 21^1 = 35 + 111 + 112 + 152 + 211 \\ 621 &:= 3^5 + 11^2 + 12^1 + 15^2 + 20^1 = 35 + 112 + 121 + 152 + 201 \\ 621 &:= 3^5 + 11^2 + 13^1 + 15^2 + 19^1 = 35 + 112 + 131 + 152 + 191 \\ 621 &:= 3^5 + 11^2 + 14^1 + 15^2 + 18^1 = 35 + 112 + 141 + 152 + 181 \\ 621 &:= 3^5 + 11^2 + 15^1 + 15^2 + 17^1 = 35 + 112 + 151 + 152 + 171 \\ 621 &:= 3^5 + 11^2 + 15^2 + 16^1 + 16^1 = 35 + 112 + 152 + 161 + 161 \\ 621 &:= 3^5 + 4^3 + 13^0 + 17^2 + 24^1 = 35 + 43 + 130 + 172 + 241 \\ 621 &:= 3^5 + 5^1 + 11^2 + 15^2 + 27^1 = 35 + 51 + 112 + 152 + 271 \\ 621 &:= 3^5 + 5^3 + 11^0 + 15^2 + 27^1 = 35 + 53 + 110 + 152 + 271 \\ 621 &:= 3^5 + 6^1 + 11^2 + 15^2 + 26^1 = 35 + 61 + 112 + 152 + 261 \\ 621 &:= 3^5 + 6^3 + 12^2 + 17^1 + 23^0 = 35 + 63 + 122 + 171 + 230 \\ 621 &:= 3^5 + 7^1 + 11^2 + 15^2 + 25^1 = 35 + 71 + 112 + 152 + 251 \\ 621 &:= 3^5 + 8^1 + 11^2 + 15^2 + 24^1 = 35 + 81 + 112 + 152 + 241 \\ 621 &:= 3^5 + 8^2 + 12^2 + 13^2 + 25^0 = 35 + 82 + 122 + 132 + 250 \\ 621 &:= 3^5 + 9^1 + 11^2 + 15^2 + 23^1 = 35 + 91 + 112 + 152 + 231 \\ 621 &:= 3^5 + 9^2 + 10^2 + 14^2 + 25^0 = 35 + 92 + 102 + 142 + 250 \\ 621 &:= 4^3 + 4^3 + 5^2 + 21^2 + 27^1 = 43 + 43 + 52 + 212 + 271 \\ 621 &:= 4^4 + 4^4 + 9^2 + 17^0 + 27^1 = 44 + 44 + 92 + 170 + 271 \\ 621 &:= 4^4 + 5^2 + 12^2 + 13^2 + 27^1 = 44 + 52 + 122 + 132 + 271 \\ 621 &:= 4^4 + 5^3 + 6^3 + 23^0 + 23^1 = 44 + 53 + 63 + 230 + 231 \\ 621 &:= 4^4 + 7^2 + 11^2 + 13^2 + 26^1 = 44 + 72 + 112 + 132 + 261 \\ 621 &:= 4^4 + 7^2 + 8^2 + 15^2 + 27^1 = 44 + 72 + 82 + 152 + 271 \\ 621 &:= 5^3 + 5^3 + 11^2 + 15^2 + 25^1 = 53 + 53 + 112 + 152 + 251 \end{aligned}$$

2.2.523 Number 622

$622 := 2^2 + 2^8 + 19^2 + 38^0$	$= 22 + 28 + 192 + 380$	$622 := 2^3 + 2^7 + 14^0 + 21^0 + 22^2$	$= 23 + 27 + 140 + 210 + 222$
$622 := 2^8 + 13^2 + 14^2 + 32^0$	$= 28 + 132 + 142 + 320$	$622 := 2^3 + 2^7 + 15^0 + 20^0 + 22^2$	$= 23 + 27 + 150 + 200 + 222$
$622 := 2^8 + 7^3 + 22^1 + 30^0$	$= 28 + 73 + 221 + 300$	$622 := 2^3 + 2^7 + 16^0 + 19^0 + 22^2$	$= 23 + 27 + 160 + 190 + 222$
$622 := 2^9 + 6^0 + 8^2 + 45^1$	$= 29 + 60 + 82 + 451$	$622 := 2^3 + 2^7 + 17^0 + 18^0 + 22^2$	$= 23 + 27 + 170 + 180 + 222$
$622 := 2^9 + 9^1 + 10^2 + 40^0$	$= 29 + 91 + 102 + 400$	$622 := 2^3 + 2^7 + 8^0 + 22^2 + 27^0$	$= 23 + 27 + 80 + 222 + 270$
$622 := 2^9 + 9^2 + 22^0 + 28^1$	$= 29 + 92 + 220 + 281$	$622 := 2^3 + 2^7 + 9^0 + 22^2 + 26^0$	$= 23 + 27 + 90 + 222 + 260$
$622 := 1^0 + 2^9 + 9^2 + 22^0 + 27^1$	$= 10 + 29 + 92 + 220 + 271$	$622 := 2^3 + 3^5 + 7^3 + 22^0 + 27^1$	$= 23 + 35 + 73 + 220 + 271$
$622 := 1^3 + 2^6 + 8^0 + 23^2 + 27^1$	$= 13 + 26 + 80 + 232 + 271$	$622 := 2^5 + 3^3 + 11^2 + 21^2 + 24^0$	$= 25 + 33 + 112 + 212 + 240$
$622 := 1^4 + 2^5 + 12^1 + 22^0 + 24^2$	$= 14 + 25 + 121 + 220 + 242$	$622 := 2^5 + 3^4 + 10^0 + 22^2 + 24^1$	$= 25 + 34 + 100 + 222 + 241$
$622 := 1^4 + 3^4 + 8^3 + 22^0 + 27^1$	$= 14 + 34 + 83 + 220 + 271$	$622 := 2^5 + 5^3 + 8^2 + 20^2 + 26^0$	$= 25 + 53 + 82 + 202 + 260$
$622 := 1^4 + 3^5 + 16^1 + 19^2 + 22^0$	$= 14 + 35 + 161 + 192 + 220$	$622 := 2^6 + 3^2 + 8^2 + 22^2 + 26^0$	$= 26 + 32 + 82 + 222 + 260$
$622 := 1^5 + 3^3 + 8^2 + 23^2 + 26^0$	$= 15 + 33 + 82 + 232 + 260$	$622 := 2^6 + 4^2 + 10^2 + 21^2 + 24^0$	$= 26 + 42 + 102 + 212 + 240$
$622 := 1^5 + 3^4 + 10^1 + 23^2 + 24^0$	$= 15 + 34 + 101 + 232 + 240$	$622 := 2^6 + 4^3 + 9^1 + 22^2 + 24^0$	$= 26 + 43 + 91 + 222 + 240$
$622 := 1^6 + 10^2 + 14^2 + 18^0 + 18^2$	$= 16 + 102 + 142 + 180 + 182$	$622 := 2^6 + 5^2 + 8^3 + 20^1 + 26^0$	$= 26 + 52 + 83 + 201 + 260$
$622 := 1^6 + 3^3 + 16^0 + 17^1 + 24^2$	$= 16 + 33 + 160 + 171 + 242$	$622 := 2^6 + 6^2 + 11^2 + 20^2 + 22^0$	$= 26 + 62 + 112 + 202 + 220$
$622 := 1^6 + 4^3 + 6^0 + 23^2 + 27^1$	$= 16 + 43 + 60 + 232 + 271$	$622 := 2^6 + 6^3 + 17^1 + 18^0 + 18^2$	$= 26 + 63 + 171 + 180 + 182$
$622 := 1^6 + 5^3 + 11^1 + 22^0 + 22^2$	$= 16 + 53 + 111 + 220 + 222$	$622 := 2^6 + 7^3 + 14^2 + 18^1 + 20^0$	$= 26 + 73 + 142 + 181 + 200$
$622 := 1^6 + 6^2 + 10^2 + 22^0 + 22^2$	$= 16 + 62 + 102 + 220 + 222$	$622 := 2^6 + 8^2 + 13^2 + 18^2 + 20^0$	$= 26 + 82 + 132 + 182 + 200$
$622 := 1^6 + 7^3 + 16^0 + 16^2 + 21^1$	$= 16 + 73 + 160 + 162 + 211$	$622 := 2^7 + 11^1 + 11^2 + 18^0 + 19^2$	$= 27 + 111 + 112 + 180 + 192$
$622 := 1^6 + 8^3 + 9^2 + 16^0 + 27^1$	$= 16 + 83 + 92 + 160 + 271$	$622 := 2^7 + 12^1 + 15^2 + 16^0 + 16^2$	$= 27 + 121 + 152 + 160 + 162$
$622 := 1^7 + 10^1 + 13^2 + 16^0 + 21^2$	$= 17 + 101 + 132 + 160 + 212$	$622 := 2^7 + 4^0 + 12^2 + 18^2 + 25^1$	$= 27 + 40 + 122 + 182 + 251$
$622 := 1^7 + 11^2 + 12^0 + 15^1 + 22^2$	$= 17 + 112 + 120 + 151 + 222$	$622 := 2^7 + 5^2 + 6^0 + 21^2 + 27^1$	$= 27 + 52 + 60 + 212 + 271$
$622 := 1^7 + 2^0 + 14^2 + 20^2 + 24^1$	$= 17 + 20 + 142 + 202 + 241$	$622 := 2^7 + 6^2 + 16^0 + 16^1 + 21^2$	$= 27 + 62 + 160 + 161 + 212$
$622 := 1^7 + 2^0 + 8^2 + 23^2 + 27^1$	$= 17 + 20 + 82 + 232 + 271$	$622 := 2^7 + 8^1 + 14^2 + 17^2 + 20^0$	$= 27 + 81 + 142 + 172 + 200$
$622 := 1^7 + 3^1 + 16^2 + 19^2 + 22^0$	$= 17 + 31 + 162 + 192 + 220$	$622 := 2^7 + 9^2 + 12^1 + 18^0 + 20^2$	$= 27 + 92 + 121 + 180 + 202$
$622 := 1^7 + 5^2 + 12^0 + 19^1 + 24^2$	$= 17 + 52 + 120 + 191 + 242$	$622 := 2^8 + 4^0 + 7^3 + 21^1 + 27^0$	$= 28 + 40 + 73 + 211 + 270$
$622 := 1^7 + 6^2 + 8^1 + 22^0 + 24^2$	$= 17 + 62 + 81 + 220 + 242$	$622 := 2^8 + 5^0 + 7^3 + 21^1 + 26^0$	$= 28 + 50 + 73 + 211 + 260$
$622 := 1^7 + 7^1 + 17^2 + 18^0 + 18^2$	$= 17 + 71 + 172 + 180 + 182$	$622 := 2^8 + 6^0 + 7^3 + 21^1 + 25^0$	$= 28 + 60 + 73 + 211 + 250$
$622 := 1^7 + 9^2 + 10^1 + 18^0 + 23^2$	$= 17 + 92 + 101 + 180 + 232$	$622 := 2^8 + 7^0 + 7^3 + 21^1 + 24^0$	$= 28 + 70 + 73 + 211 + 240$
$622 := 1^8 + 1^9 + 14^2 + 20^2 + 24^1$	$= 18 + 19 + 142 + 202 + 241$	$622 := 2^8 + 7^3 + 10^0 + 21^0 + 21^1$	$= 28 + 73 + 100 + 210 + 211$
$622 := 1^8 + 1^9 + 8^2 + 23^2 + 27^1$	$= 18 + 19 + 82 + 232 + 271$	$622 := 2^8 + 7^3 + 11^0 + 20^0 + 21^1$	$= 28 + 73 + 110 + 200 + 211$
$622 := 1^8 + 2^9 + 3^4 + 27^0 + 27^1$	$= 18 + 29 + 34 + 270 + 271$	$622 := 2^8 + 7^3 + 12^0 + 19^0 + 21^1$	$= 28 + 73 + 120 + 190 + 211$
$622 := 2^0 + 2^9 + 9^2 + 21^0 + 27^1$	$= 20 + 29 + 92 + 210 + 271$	$622 := 2^8 + 7^3 + 13^0 + 18^0 + 21^1$	$= 28 + 73 + 130 + 180 + 211$
$622 := 2^3 + 2^6 + 14^0 + 20^1 + 23^2$	$= 23 + 26 + 140 + 201 + 232$	$622 := 2^8 + 7^3 + 14^0 + 17^0 + 21^1$	$= 28 + 73 + 140 + 170 + 211$
$622 := 2^3 + 2^7 + 10^0 + 22^2 + 25^0$	$= 23 + 27 + 100 + 222 + 250$	$622 := 2^8 + 7^3 + 15^0 + 16^0 + 21^1$	$= 28 + 73 + 150 + 160 + 211$
$622 := 2^3 + 2^7 + 11^0 + 22^2 + 24^0$	$= 23 + 27 + 110 + 222 + 240$	$622 := 2^8 + 7^3 + 8^0 + 21^1 + 23^0$	$= 28 + 73 + 80 + 211 + 230$
$622 := 2^3 + 2^7 + 12^0 + 22^2 + 23^0$	$= 23 + 27 + 120 + 222 + 230$	$622 := 2^8 + 7^3 + 9^0 + 21^1 + 22^0$	$= 28 + 73 + 90 + 211 + 220$
$622 := 2^3 + 2^7 + 13^0 + 22^0 + 22^2$	$= 23 + 27 + 130 + 220 + 222$	$622 := 2^9 + 3^0 + 9^2 + 20^0 + 27^1$	$= 29 + 30 + 92 + 200 + 271$

$$\begin{aligned}
 622 &:= 2^9 + 4^0 + 9^2 + 19^0 + 27^1 = 29 + 40 + 92 + 190 + 271 \\
 622 &:= 2^9 + 5^0 + 9^2 + 18^0 + 27^1 = 29 + 50 + 92 + 180 + 271 \\
 622 &:= 2^9 + 6^0 + 9^2 + 17^0 + 27^1 = 29 + 60 + 92 + 170 + 271 \\
 622 &:= 2^9 + 7^0 + 9^2 + 16^0 + 27^1 = 29 + 70 + 92 + 160 + 271 \\
 622 &:= 2^9 + 8^0 + 9^2 + 15^0 + 27^1 = 29 + 80 + 92 + 150 + 271 \\
 622 &:= 2^9 + 8^1 + 10^2 + 14^0 + 27^0 = 29 + 81 + 102 + 140 + 270 \\
 622 &:= 2^9 + 8^1 + 10^2 + 15^0 + 26^0 = 29 + 81 + 102 + 150 + 260 \\
 622 &:= 2^9 + 8^1 + 10^2 + 16^0 + 25^0 = 29 + 81 + 102 + 160 + 250 \\
 622 &:= 2^9 + 8^1 + 10^2 + 17^0 + 24^0 = 29 + 81 + 102 + 170 + 240
 \end{aligned}$$

$$\begin{aligned}
 622 &:= 2^9 + 8^1 + 10^2 + 18^0 + 23^0 = 29 + 81 + 102 + 180 + 230 \\
 622 &:= 2^9 + 8^1 + 10^2 + 19^0 + 22^0 = 29 + 81 + 102 + 190 + 220 \\
 622 &:= 2^9 + 8^1 + 10^2 + 20^0 + 21^0 = 29 + 81 + 102 + 200 + 210 \\
 622 &:= 2^9 + 9^0 + 9^2 + 14^0 + 27^1 = 29 + 90 + 92 + 140 + 271 \\
 622 &:= 2^9 + 9^2 + 10^0 + 13^0 + 27^1 = 29 + 92 + 100 + 130 + 271 \\
 622 &:= 2^9 + 9^2 + 11^0 + 12^0 + 27^1 = 29 + 92 + 110 + 120 + 271 \\
 622 &:= 3^5 + 4^4 + 10^2 + 22^0 + 22^1 = 35 + 44 + 102 + 220 + 221
 \end{aligned}$$

2.2.524 Number 623

$$\begin{aligned}
 623 &:= 1^8 + 14^2 + 20^2 + 26^1 = 18 + 142 + 202 + 261 \\
 623 &:= 1^8 + 8^2 + 23^2 + 29^1 = 18 + 82 + 232 + 291 \\
 623 &:= 2^2 + 2^8 + 18^2 + 39^1 = 22 + 28 + 182 + 391 \\
 623 &:= 2^9 + 4^3 + 9^0 + 46^1 = 29 + 43 + 90 + 461 \\
 623 &:= 1^0 + 1^8 + 14^2 + 20^2 + 25^1 = 10 + 18 + 142 + 202 + 251 \\
 623 &:= 1^1 + 1^7 + 14^2 + 20^2 + 25^1 = 11 + 17 + 142 + 202 + 251 \\
 623 &:= 1^2 + 1^6 + 14^2 + 20^2 + 25^1 = 12 + 16 + 142 + 202 + 251 \\
 623 &:= 1^2 + 2^7 + 13^2 + 18^2 + 27^0 = 12 + 27 + 132 + 182 + 270 \\
 623 &:= 1^3 + 1^5 + 14^2 + 20^2 + 25^1 = 13 + 15 + 142 + 202 + 251 \\
 623 &:= 1^3 + 2^6 + 14^2 + 19^2 + 25^0 = 13 + 26 + 142 + 192 + 250 \\
 623 &:= 1^3 + 2^7 + 9^1 + 22^2 + 27^0 = 13 + 27 + 91 + 222 + 270 \\
 623 &:= 1^4 + 1^4 + 14^2 + 20^2 + 25^1 = 14 + 14 + 142 + 202 + 251 \\
 623 &:= 1^5 + 2^4 + 11^2 + 22^2 + 25^0 = 15 + 24 + 112 + 222 + 250 \\
 623 &:= 1^5 + 2^5 + 13^1 + 21^0 + 24^2 = 15 + 25 + 131 + 210 + 242 \\
 623 &:= 1^5 + 3^5 + 17^1 + 19^2 + 21^0 = 15 + 35 + 171 + 192 + 210 \\
 623 &:= 1^5 + 4^4 + 7^3 + 22^1 + 27^0 = 15 + 44 + 73 + 221 + 270 \\
 623 &:= 1^6 + 11^2 + 11^2 + 19^1 + 19^2 = 16 + 112 + 112 + 191 + 192 \\
 623 &:= 1^6 + 2^3 + 17^2 + 18^2 + 23^0 = 16 + 23 + 172 + 182 + 230 \\
 623 &:= 1^6 + 3^4 + 11^1 + 23^0 + 23^2 = 16 + 34 + 111 + 230 + 232 \\
 623 &:= 1^6 + 4^3 + 14^2 + 19^2 + 23^0 = 16 + 43 + 142 + 192 + 230 \\
 623 &:= 1^6 + 6^3 + 9^2 + 18^2 + 27^0 = 16 + 63 + 92 + 182 + 270 \\
 623 &:= 1^6 + 9^2 + 11^2 + 20^1 + 20^2 = 16 + 92 + 112 + 201 + 202 \\
 623 &:= 1^7 + 10^1 + 14^2 + 16^1 + 20^2 = 17 + 101 + 142 + 161 + 202 \\
 623 &:= 1^7 + 10^2 + 11^2 + 19^0 + 20^2 = 17 + 102 + 112 + 190 + 202 \\
 623 &:= 1^7 + 11^1 + 14^2 + 15^1 + 20^2 = 17 + 111 + 142 + 151 + 202 \\
 623 &:= 1^7 + 12^1 + 14^1 + 14^2 + 20^2 = 17 + 121 + 141 + 142 + 202 \\
 623 &:= 1^7 + 13^1 + 13^1 + 14^2 + 20^2 = 17 + 131 + 131 + 142 + 202
 \end{aligned}$$

$$\begin{aligned}
 623 &:= 1^7 + 13^2 + 14^2 + 16^2 + 17^0 = 17 + 132 + 142 + 162 + 170 \\
 623 &:= 1^7 + 2^1 + 14^2 + 20^2 + 24^1 = 17 + 21 + 142 + 202 + 241 \\
 623 &:= 1^7 + 2^1 + 8^2 + 23^2 + 27^1 = 17 + 21 + 82 + 232 + 271 \\
 623 &:= 1^7 + 2^2 + 16^2 + 19^2 + 23^0 = 17 + 22 + 162 + 192 + 230 \\
 623 &:= 1^7 + 3^1 + 14^2 + 20^2 + 23^1 = 17 + 31 + 142 + 202 + 231 \\
 623 &:= 1^7 + 3^1 + 8^2 + 23^2 + 26^1 = 17 + 31 + 82 + 232 + 261 \\
 623 &:= 1^7 + 3^2 + 6^2 + 24^2 + 27^0 = 17 + 32 + 62 + 242 + 270 \\
 623 &:= 1^7 + 3^3 + 15^0 + 18^1 + 24^2 = 17 + 33 + 150 + 181 + 242 \\
 623 &:= 1^7 + 4^1 + 14^2 + 20^2 + 22^1 = 17 + 41 + 142 + 202 + 221 \\
 623 &:= 1^7 + 4^1 + 8^2 + 23^2 + 25^1 = 17 + 41 + 82 + 232 + 251 \\
 623 &:= 1^7 + 4^2 + 11^2 + 22^2 + 23^0 = 17 + 42 + 112 + 222 + 230 \\
 623 &:= 1^7 + 5^1 + 14^2 + 20^2 + 21^1 = 17 + 51 + 142 + 202 + 211 \\
 623 &:= 1^7 + 5^1 + 8^2 + 23^2 + 24^1 = 17 + 51 + 82 + 232 + 241 \\
 623 &:= 1^7 + 5^2 + 14^2 + 20^2 + 21^0 = 17 + 52 + 142 + 202 + 210 \\
 623 &:= 1^7 + 5^3 + 12^1 + 21^0 + 22^2 = 17 + 53 + 121 + 210 + 222 \\
 623 &:= 1^7 + 6^1 + 14^2 + 20^1 + 20^2 = 17 + 61 + 142 + 201 + 202 \\
 623 &:= 1^7 + 6^1 + 8^2 + 23^1 + 23^2 = 17 + 61 + 82 + 231 + 232 \\
 623 &:= 1^7 + 6^2 + 12^2 + 21^0 + 21^2 = 17 + 62 + 122 + 210 + 212 \\
 623 &:= 1^7 + 7^1 + 14^2 + 19^1 + 20^2 = 17 + 71 + 142 + 191 + 202 \\
 623 &:= 1^7 + 7^1 + 8^2 + 22^1 + 23^2 = 17 + 71 + 82 + 221 + 232 \\
 623 &:= 1^7 + 7^3 + 15^0 + 16^2 + 22^1 = 17 + 73 + 150 + 162 + 221 \\
 623 &:= 1^7 + 8^1 + 14^2 + 18^1 + 20^2 = 17 + 81 + 142 + 181 + 202 \\
 623 &:= 1^7 + 8^1 + 8^2 + 21^1 + 23^2 = 17 + 81 + 82 + 211 + 232 \\
 623 &:= 1^7 + 8^2 + 10^1 + 19^1 + 23^2 = 17 + 82 + 101 + 191 + 232 \\
 623 &:= 1^7 + 8^2 + 11^1 + 18^1 + 23^2 = 17 + 82 + 111 + 181 + 232 \\
 623 &:= 1^7 + 8^2 + 12^1 + 17^1 + 23^2 = 17 + 82 + 121 + 171 + 232 \\
 623 &:= 1^7 + 8^2 + 13^1 + 16^1 + 23^2 = 17 + 82 + 131 + 161 + 232
 \end{aligned}$$

$$\begin{aligned} 623 &:= 1^7 + 8^2 + 14^1 + 15^1 + 23^2 = 17 + 82 + 141 + 151 + 232 \\ 623 &:= 1^7 + 8^2 + 14^2 + 19^0 + 19^2 = 17 + 82 + 142 + 190 + 192 \\ 623 &:= 1^7 + 8^2 + 9^1 + 20^1 + 23^2 = 17 + 82 + 91 + 201 + 232 \\ 623 &:= 1^7 + 9^1 + 14^2 + 17^1 + 20^2 = 17 + 91 + 142 + 171 + 202 \\ 623 &:= 1^8 + 11^0 + 11^2 + 16^1 + 22^2 = 18 + 110 + 112 + 161 + 222 \\ 623 &:= 1^8 + 11^1 + 13^2 + 15^0 + 21^2 = 18 + 111 + 132 + 150 + 212 \\ 623 &:= 1^8 + 4^1 + 16^2 + 19^2 + 21^0 = 18 + 41 + 162 + 192 + 210 \\ 623 &:= 1^8 + 5^2 + 11^0 + 20^1 + 24^2 = 18 + 52 + 110 + 201 + 242 \\ 623 &:= 1^8 + 6^2 + 9^1 + 21^0 + 24^2 = 18 + 62 + 91 + 210 + 242 \\ 623 &:= 1^8 + 8^1 + 17^0 + 17^2 + 18^2 = 18 + 81 + 170 + 172 + 182 \\ 623 &:= 1^8 + 9^2 + 11^1 + 17^0 + 23^2 = 18 + 92 + 111 + 170 + 232 \\ 623 &:= 2^1 + 2^9 + 9^2 + 21^0 + 27^1 = 21 + 29 + 92 + 210 + 271 \\ 623 &:= 2^2 + 2^6 + 13^2 + 19^2 + 25^1 = 22 + 26 + 132 + 192 + 251 \\ 623 &:= 2^4 + 2^4 + 9^2 + 22^2 + 26^1 = 24 + 24 + 92 + 222 + 261 \\ 623 &:= 2^4 + 2^6 + 13^1 + 21^0 + 23^2 = 24 + 26 + 131 + 210 + 232 \\ 623 &:= 2^4 + 3^4 + 10^2 + 20^2 + 26^1 = 24 + 34 + 102 + 202 + 261 \\ 623 &:= 2^5 + 3^5 + 15^0 + 18^2 + 23^1 = 25 + 35 + 150 + 182 + 231 \\ 623 &:= 2^6 + 4^2 + 14^2 + 18^2 + 23^1 = 26 + 42 + 142 + 182 + 231 \\ 623 &:= 2^6 + 4^4 + 13^1 + 17^2 + 25^0 = 26 + 44 + 131 + 172 + 250 \\ 623 &:= 2^6 + 5^2 + 16^2 + 16^2 + 22^1 = 26 + 52 + 162 + 162 + 221 \\ 623 &:= 2^6 + 5^3 + 10^1 + 20^2 + 24^1 = 26 + 53 + 101 + 202 + 241 \\ 623 &:= 2^6 + 5^3 + 11^1 + 20^2 + 23^1 = 26 + 53 + 111 + 202 + 231 \\ 623 &:= 2^6 + 5^3 + 12^1 + 20^2 + 22^1 = 26 + 53 + 121 + 202 + 221 \\ 623 &:= 2^6 + 5^3 + 12^2 + 17^2 + 25^0 = 26 + 53 + 122 + 172 + 250 \\ 623 &:= 2^6 + 5^3 + 13^1 + 20^2 + 21^1 = 26 + 53 + 131 + 202 + 211 \\ 623 &:= 2^6 + 5^3 + 14^1 + 20^1 + 20^2 = 26 + 53 + 141 + 201 + 202 \\ 623 &:= 2^6 + 5^3 + 15^1 + 19^1 + 20^2 = 26 + 53 + 151 + 191 + 202 \\ 623 &:= 2^6 + 5^3 + 16^1 + 18^1 + 20^2 = 26 + 53 + 161 + 181 + 202 \\ 623 &:= 2^6 + 5^3 + 17^1 + 17^1 + 20^2 = 26 + 53 + 171 + 171 + 202 \\ 623 &:= 2^6 + 5^3 + 7^1 + 20^2 + 27^1 = 26 + 53 + 71 + 202 + 271 \\ 623 &:= 2^6 + 5^3 + 8^1 + 20^2 + 26^1 = 26 + 53 + 81 + 202 + 261 \\ 623 &:= 2^6 + 5^3 + 9^1 + 20^2 + 25^1 = 26 + 53 + 91 + 202 + 251 \\ 623 &:= 2^6 + 6^2 + 10^2 + 20^2 + 23^1 = 26 + 62 + 102 + 202 + 231 \\ 623 &:= 2^6 + 9^2 + 13^2 + 17^2 + 20^1 = 26 + 92 + 132 + 172 + 201 \\ 623 &:= 2^7 + 10^2 + 13^2 + 15^2 + 21^0 = 27 + 102 + 132 + 152 + 210 \\ 623 &:= 2^7 + 3^2 + 14^2 + 17^2 + 25^0 = 27 + 32 + 142 + 172 + 250 \\ 623 &:= 2^7 + 3^3 + 9^0 + 21^2 + 26^1 = 27 + 33 + 90 + 212 + 261 \\ 623 &:= 2^7 + 4^1 + 8^2 + 20^2 + 27^1 = 27 + 41 + 82 + 202 + 271 \\ 623 &:= 2^7 + 5^1 + 8^2 + 20^2 + 26^1 = 27 + 51 + 82 + 202 + 261 \\ 623 &:= 2^7 + 5^3 + 8^1 + 19^2 + 27^0 = 27 + 53 + 81 + 192 + 270 \\ 623 &:= 2^7 + 6^1 + 8^2 + 20^2 + 25^1 = 27 + 61 + 82 + 202 + 251 \\ 623 &:= 2^7 + 6^2 + 13^2 + 17^2 + 23^0 = 27 + 62 + 132 + 172 + 230 \\ 623 &:= 2^7 + 6^3 + 15^0 + 16^2 + 22^1 = 27 + 63 + 150 + 162 + 221 \\ 623 &:= 2^7 + 7^1 + 8^2 + 20^2 + 24^1 = 27 + 71 + 82 + 202 + 241 \\ 623 &:= 2^7 + 7^2 + 11^2 + 18^2 + 23^0 = 27 + 72 + 112 + 182 + 230 \\ 623 &:= 2^7 + 8^1 + 8^2 + 20^2 + 23^1 = 27 + 81 + 82 + 202 + 231 \\ 623 &:= 2^7 + 8^2 + 10^1 + 20^2 + 21^1 = 27 + 82 + 101 + 202 + 211 \\ 623 &:= 2^7 + 8^2 + 11^1 + 20^1 + 20^2 = 27 + 82 + 111 + 201 + 202 \\ 623 &:= 2^7 + 8^2 + 12^1 + 19^1 + 20^2 = 27 + 82 + 121 + 191 + 202 \\ 623 &:= 2^7 + 8^2 + 13^1 + 18^1 + 20^2 = 27 + 82 + 131 + 181 + 202 \\ 623 &:= 2^7 + 8^2 + 14^1 + 17^1 + 20^2 = 27 + 82 + 141 + 171 + 202 \\ 623 &:= 2^7 + 8^2 + 15^1 + 16^1 + 20^2 = 27 + 82 + 151 + 161 + 202 \\ 623 &:= 2^7 + 8^2 + 9^1 + 20^2 + 22^1 = 27 + 82 + 91 + 202 + 221 \\ 623 &:= 2^8 + 10^1 + 10^2 + 16^2 + 23^0 = 28 + 101 + 102 + 162 + 230 \\ 623 &:= 2^8 + 11^2 + 13^0 + 15^2 + 20^1 = 28 + 112 + 130 + 152 + 201 \\ 623 &:= 2^8 + 4^2 + 11^0 + 18^2 + 26^1 = 28 + 42 + 110 + 182 + 261 \\ 623 &:= 2^8 + 5^2 + 17^1 + 18^2 + 19^0 = 28 + 52 + 171 + 182 + 190 \\ 623 &:= 2^8 + 7^0 + 12^2 + 14^2 + 26^1 = 28 + 70 + 122 + 142 + 261 \\ 623 &:= 2^8 + 8^2 + 13^1 + 17^2 + 21^0 = 28 + 82 + 131 + 172 + 210 \\ 623 &:= 2^9 + 3^1 + 9^2 + 21^0 + 26^1 = 29 + 31 + 92 + 210 + 261 \\ 623 &:= 2^9 + 3^2 + 10^2 + 19^0 + 27^0 = 29 + 32 + 102 + 190 + 270 \\ 623 &:= 2^9 + 3^2 + 10^2 + 20^0 + 26^0 = 29 + 32 + 102 + 200 + 260 \\ 623 &:= 2^9 + 3^2 + 10^2 + 21^0 + 25^0 = 29 + 32 + 102 + 210 + 250 \\ 623 &:= 2^9 + 3^2 + 10^2 + 22^0 + 24^0 = 29 + 32 + 102 + 220 + 240 \\ 623 &:= 2^9 + 3^2 + 10^2 + 23^0 + 23^0 = 29 + 32 + 102 + 230 + 230 \\ 623 &:= 2^9 + 4^1 + 9^2 + 21^0 + 25^1 = 29 + 41 + 92 + 210 + 251 \\ 623 &:= 2^9 + 5^0 + 8^2 + 19^1 + 27^1 = 29 + 50 + 82 + 191 + 271 \\ 623 &:= 2^9 + 5^0 + 8^2 + 20^1 + 26^1 = 29 + 50 + 82 + 201 + 261 \\ 623 &:= 2^9 + 5^0 + 8^2 + 21^1 + 25^1 = 29 + 50 + 82 + 211 + 251 \\ 623 &:= 2^9 + 5^0 + 8^2 + 22^1 + 24^1 = 29 + 50 + 82 + 221 + 241 \\ 623 &:= 2^9 + 5^0 + 8^2 + 23^1 + 23^1 = 29 + 50 + 82 + 231 + 231 \\ 623 &:= 2^9 + 5^1 + 9^2 + 21^0 + 24^1 = 29 + 51 + 92 + 210 + 241 \\ 623 &:= 2^9 + 6^1 + 9^2 + 21^0 + 23^1 = 29 + 61 + 92 + 210 + 231 \\ 623 &:= 2^9 + 7^1 + 9^2 + 21^0 + 22^1 = 29 + 71 + 92 + 210 + 221 \\ 623 &:= 2^9 + 8^1 + 9^2 + 21^0 + 21^1 = 29 + 81 + 92 + 210 + 211 \\ 623 &:= 2^9 + 9^1 + 9^2 + 20^1 + 21^0 = 29 + 91 + 92 + 201 + 210 \end{aligned}$$

$$\begin{aligned} 623 &:= 2^9 + 9^2 + 10^1 + 19^1 + 21^0 = 29 + 92 + 101 + 191 + 210 \\ 623 &:= 2^9 + 9^2 + 11^1 + 18^1 + 21^0 = 29 + 92 + 111 + 181 + 210 \\ 623 &:= 2^9 + 9^2 + 12^1 + 17^1 + 21^0 = 29 + 92 + 121 + 171 + 210 \end{aligned}$$

$$\begin{aligned} 623 &:= 2^9 + 9^2 + 13^1 + 16^1 + 21^0 = 29 + 92 + 131 + 161 + 210 \\ 623 &:= 2^9 + 9^2 + 14^1 + 15^1 + 21^0 = 29 + 92 + 141 + 151 + 210 \end{aligned}$$

2.2.525 Number 624

$$\begin{aligned} 624 &:= 2^9 + 3^4 + 26^0 + 30^1 = 29 + 34 + 260 + 301 \\ 624 &:= 1^4 + 2^7 + 10^1 + 22^2 + 26^0 = 14 + 27 + 101 + 222 + 260 \\ 624 &:= 1^6 + 2^5 + 14^1 + 20^0 + 24^2 = 16 + 25 + 141 + 200 + 242 \\ 624 &:= 1^6 + 3^4 + 10^2 + 21^2 + 26^0 = 16 + 34 + 102 + 212 + 260 \\ 624 &:= 1^6 + 3^5 + 18^1 + 19^2 + 20^0 = 16 + 35 + 181 + 192 + 200 \\ 624 &:= 1^6 + 4^4 + 7^3 + 23^1 + 26^0 = 16 + 44 + 73 + 231 + 260 \\ 624 &:= 1^7 + 3^4 + 12^1 + 22^0 + 23^2 = 17 + 34 + 121 + 220 + 232 \\ 624 &:= 1^8 + 3^2 + 17^2 + 18^2 + 22^0 = 18 + 32 + 172 + 182 + 220 \\ 624 &:= 1^8 + 3^3 + 14^0 + 19^1 + 24^2 = 18 + 33 + 140 + 191 + 242 \\ 624 &:= 1^8 + 5^3 + 13^1 + 20^0 + 22^2 = 18 + 53 + 131 + 200 + 222 \\ 624 &:= 1^8 + 6^2 + 15^2 + 19^2 + 20^0 = 18 + 62 + 152 + 192 + 200 \\ 624 &:= 1^8 + 7^3 + 14^0 + 16^2 + 23^1 = 18 + 73 + 140 + 162 + 231 \\ 624 &:= 1^8 + 9^2 + 10^2 + 20^0 + 21^2 = 18 + 92 + 102 + 200 + 212 \\ 624 &:= 1^9 + 10^0 + 11^2 + 17^1 + 22^2 = 19 + 100 + 112 + 171 + 222 \\ 624 &:= 1^9 + 12^1 + 13^2 + 14^0 + 21^2 = 19 + 121 + 132 + 140 + 212 \\ 624 &:= 1^9 + 5^1 + 16^2 + 19^2 + 20^0 = 19 + 51 + 162 + 192 + 200 \\ 624 &:= 1^9 + 5^2 + 10^0 + 21^1 + 24^2 = 19 + 52 + 100 + 211 + 242 \\ 624 &:= 1^9 + 6^2 + 10^1 + 20^0 + 24^2 = 19 + 62 + 101 + 200 + 242 \\ 624 &:= 1^9 + 9^1 + 16^0 + 17^2 + 18^2 = 19 + 91 + 160 + 172 + 182 \end{aligned}$$

$$\begin{aligned} 624 &:= 1^9 + 9^2 + 12^1 + 16^0 + 23^2 = 19 + 92 + 121 + 160 + 232 \\ 624 &:= 2^2 + 2^9 + 9^2 + 22^0 + 26^1 = 22 + 29 + 92 + 220 + 261 \\ 624 &:= 2^6 + 3^5 + 12^0 + 17^2 + 27^1 = 26 + 35 + 120 + 172 + 271 \\ 624 &:= 2^7 + 3^3 + 12^2 + 18^2 + 26^0 = 27 + 33 + 122 + 182 + 260 \\ 624 &:= 2^7 + 3^4 + 14^1 + 20^2 + 22^0 = 27 + 34 + 141 + 202 + 220 \\ 624 &:= 2^7 + 4^4 + 14^1 + 15^2 + 26^0 = 27 + 44 + 141 + 152 + 260 \\ 624 &:= 2^7 + 5^3 + 7^3 + 20^0 + 27^1 = 27 + 53 + 73 + 200 + 271 \\ 624 &:= 2^8 + 3^3 + 16^1 + 18^2 + 22^0 = 28 + 33 + 161 + 182 + 220 \\ 624 &:= 2^8 + 4^3 + 14^1 + 17^2 + 24^0 = 28 + 43 + 141 + 172 + 240 \\ 624 &:= 2^8 + 5^3 + 15^2 + 17^1 + 22^0 = 28 + 53 + 152 + 171 + 220 \\ 624 &:= 2^9 + 3^2 + 9^2 + 21^1 + 26^0 = 29 + 32 + 92 + 211 + 260 \\ 624 &:= 2^9 + 4^3 + 8^0 + 20^1 + 27^1 = 29 + 43 + 80 + 201 + 271 \\ 624 &:= 2^9 + 4^3 + 8^0 + 21^1 + 26^1 = 29 + 43 + 80 + 211 + 261 \\ 624 &:= 2^9 + 4^3 + 8^0 + 22^1 + 25^1 = 29 + 43 + 80 + 221 + 251 \\ 624 &:= 2^9 + 4^3 + 8^0 + 23^1 + 24^1 = 29 + 43 + 80 + 231 + 241 \\ 624 &:= 2^9 + 5^2 + 8^2 + 22^1 + 24^0 = 29 + 52 + 82 + 221 + 240 \\ 624 &:= 2^9 + 6^2 + 7^2 + 20^0 + 26^1 = 29 + 62 + 72 + 200 + 261 \end{aligned}$$

2.2.526 Number 625

$$\begin{aligned} 625 &:= 1^8 + 4^3 + 8^3 + 48^1 = 18 + 43 + 83 + 481 \\ 625 &:= 10^0 + 11^2 + 19^1 + 22^2 = 100 + 112 + 191 + 222 \\ 625 &:= 11^1 + 16^0 + 17^2 + 18^2 = 111 + 160 + 172 + 182 \\ 625 &:= 13^2 + 14^0 + 14^1 + 21^2 = 132 + 140 + 141 + 212 \\ 625 &:= 2^0 + 4^2 + 24^2 + 32^1 = 20 + 42 + 242 + 321 \\ 625 &:= 2^9 + 3^3 + 6^2 + 50^1 = 29 + 33 + 62 + 501 \\ 625 &:= 5^2 + 10^0 + 23^1 + 24^2 = 52 + 100 + 231 + 242 \\ 625 &:= 6^2 + 12^1 + 20^0 + 24^2 = 62 + 121 + 200 + 242 \\ 625 &:= 7^1 + 16^2 + 19^2 + 20^0 = 71 + 162 + 192 + 200 \\ 625 &:= 9^2 + 14^1 + 16^0 + 23^2 = 92 + 141 + 160 + 232 \\ 625 &:= 1^0 + 10^0 + 11^2 + 18^1 + 22^2 = 10 + 100 + 112 + 181 + 222 \end{aligned}$$

$$\begin{aligned} 625 &:= 1^0 + 10^1 + 16^0 + 17^2 + 18^2 = 10 + 101 + 160 + 172 + 182 \\ 625 &:= 1^0 + 13^1 + 13^2 + 14^0 + 21^2 = 10 + 131 + 132 + 140 + 212 \\ 625 &:= 1^0 + 5^2 + 10^0 + 22^1 + 24^2 = 10 + 52 + 100 + 221 + 242 \\ 625 &:= 1^0 + 6^1 + 16^2 + 19^2 + 20^0 = 10 + 61 + 162 + 192 + 200 \\ 625 &:= 1^0 + 6^2 + 11^1 + 20^0 + 24^2 = 10 + 62 + 111 + 200 + 242 \\ 625 &:= 1^0 + 9^2 + 13^1 + 16^0 + 23^2 = 10 + 92 + 131 + 160 + 232 \\ 625 &:= 1^3 + 2^8 + 7^3 + 24^1 + 27^0 = 13 + 28 + 73 + 241 + 270 \\ 625 &:= 1^5 + 2^5 + 9^2 + 22^2 + 27^1 = 15 + 25 + 92 + 222 + 271 \\ 625 &:= 1^5 + 2^7 + 11^1 + 22^2 + 25^0 = 15 + 27 + 111 + 222 + 250 \\ 625 &:= 1^7 + 2^5 + 15^1 + 19^0 + 24^2 = 17 + 25 + 151 + 190 + 242 \\ 625 &:= 1^7 + 3^5 + 19^0 + 19^1 + 19^2 = 17 + 35 + 190 + 191 + 192 \end{aligned}$$

$$\begin{aligned}
 625 &:= 1^7 + 4^3 + 7^2 + 22^2 + 27^1 = 17 + 43 + 72 + 222 + 271 & 625 &:= 2^0 + 6^2 + 11^1 + 19^0 + 24^2 = 20 + 62 + 111 + 190 + 242 \\
 625 &:= 1^7 + 4^3 + 8^3 + 21^1 + 27^1 = 17 + 43 + 83 + 211 + 271 & 625 &:= 2^0 + 9^0 + 11^2 + 18^1 + 22^2 = 20 + 90 + 112 + 181 + 222 \\
 625 &:= 1^7 + 4^3 + 8^3 + 22^1 + 26^1 = 17 + 43 + 83 + 221 + 261 & 625 &:= 2^0 + 9^2 + 13^1 + 15^0 + 23^2 = 20 + 92 + 131 + 150 + 232 \\
 625 &:= 1^7 + 4^3 + 8^3 + 23^1 + 25^1 = 17 + 43 + 83 + 231 + 251 & 625 &:= 2^3 + 2^9 + 9^2 + 23^1 + 25^0 = 23 + 29 + 92 + 231 + 250 \\
 625 &:= 1^7 + 4^3 + 8^3 + 24^1 + 24^1 = 17 + 43 + 83 + 241 + 241 & 625 &:= 2^4 + 2^6 + 14^2 + 18^2 + 25^1 = 24 + 26 + 142 + 182 + 251 \\
 625 &:= 1^7 + 4^4 + 7^3 + 24^1 + 25^0 = 17 + 44 + 73 + 241 + 250 & 625 &:= 2^5 + 2^5 + 8^3 + 22^1 + 27^1 = 25 + 25 + 83 + 221 + 271 \\
 625 &:= 1^8 + 10^2 + 12^2 + 19^1 + 19^2 = 18 + 102 + 122 + 191 + 192 & 625 &:= 2^5 + 2^5 + 8^3 + 23^1 + 26^1 = 25 + 25 + 83 + 231 + 261 \\
 625 &:= 1^8 + 11^2 + 14^2 + 17^2 + 18^1 = 18 + 112 + 142 + 172 + 181 & 625 &:= 2^5 + 2^5 + 8^3 + 24^1 + 25^1 = 25 + 25 + 83 + 241 + 251 \\
 625 &:= 1^8 + 2^2 + 14^2 + 20^2 + 24^1 = 18 + 22 + 142 + 202 + 241 & 625 &:= 2^5 + 2^7 + 13^0 + 21^2 + 23^1 = 25 + 27 + 130 + 212 + 231 \\
 625 &:= 1^8 + 2^2 + 8^2 + 23^2 + 27^1 = 18 + 22 + 82 + 232 + 271 & 625 &:= 2^6 + 2^6 + 12^1 + 22^2 + 23^0 = 26 + 26 + 121 + 222 + 230 \\
 625 &:= 1^8 + 3^3 + 14^2 + 20^2 + 23^0 = 18 + 33 + 142 + 202 + 230 & 625 &:= 2^7 + 4^4 + 6^3 + 24^1 + 25^0 = 27 + 44 + 63 + 241 + 250 \\
 625 &:= 1^8 + 3^4 + 13^1 + 21^0 + 23^2 = 18 + 34 + 131 + 210 + 232 & 625 &:= 2^8 + 10^2 + 11^2 + 11^2 + 27^1 = 28 + 102 + 112 + 112 + 271 \\
 625 &:= 1^8 + 4^2 + 10^2 + 22^2 + 24^1 = 18 + 42 + 102 + 222 + 241 & 625 &:= 2^8 + 5^3 + 6^3 + 21^0 + 27^1 = 28 + 53 + 63 + 210 + 271 \\
 625 &:= 1^8 + 4^2 + 12^2 + 21^2 + 23^1 = 18 + 42 + 122 + 212 + 231 & 625 &:= 2^9 + 3^3 + 8^2 + 21^1 + 27^0 = 29 + 33 + 82 + 211 + 270 \\
 625 &:= 1^8 + 4^2 + 15^2 + 19^2 + 22^1 = 18 + 42 + 152 + 192 + 221 & 625 &:= 2^9 + 3^4 + 10^1 + 21^1 + 25^0 = 29 + 34 + 101 + 211 + 250 \\
 625 &:= 1^8 + 5^2 + 17^2 + 17^2 + 21^1 = 18 + 52 + 172 + 172 + 211 & 625 &:= 2^9 + 3^4 + 11^1 + 20^1 + 25^0 = 29 + 34 + 111 + 201 + 250 \\
 625 &:= 1^8 + 6^2 + 9^2 + 22^2 + 23^1 = 18 + 62 + 92 + 222 + 231 & 625 &:= 2^9 + 3^4 + 12^1 + 19^1 + 25^0 = 29 + 34 + 121 + 191 + 250 \\
 625 &:= 1^8 + 9^2 + 9^2 + 21^1 + 21^2 = 18 + 92 + 92 + 211 + 212 & 625 &:= 2^9 + 3^4 + 13^1 + 18^1 + 25^0 = 29 + 34 + 131 + 181 + 250 \\
 625 &:= 1^9 + 3^3 + 13^0 + 20^1 + 24^2 = 19 + 33 + 130 + 201 + 242 & 625 &:= 2^9 + 3^4 + 14^1 + 17^1 + 25^0 = 29 + 34 + 141 + 171 + 250 \\
 625 &:= 1^9 + 4^2 + 10^1 + 22^1 + 24^2 = 19 + 42 + 101 + 221 + 242 & 625 &:= 2^9 + 3^4 + 15^1 + 16^1 + 25^0 = 29 + 34 + 151 + 161 + 250 \\
 625 &:= 1^9 + 4^2 + 11^1 + 21^1 + 24^2 = 19 + 42 + 111 + 211 + 242 & 625 &:= 2^9 + 3^4 + 4^1 + 25^0 + 27^1 = 29 + 34 + 41 + 250 + 271 \\
 625 &:= 1^9 + 4^2 + 12^1 + 20^1 + 24^2 = 19 + 42 + 121 + 201 + 242 & 625 &:= 2^9 + 3^4 + 5^1 + 25^0 + 26^1 = 29 + 34 + 51 + 250 + 261 \\
 625 &:= 1^9 + 4^2 + 13^1 + 19^1 + 24^2 = 19 + 42 + 131 + 191 + 242 & 625 &:= 2^9 + 3^4 + 6^1 + 25^0 + 25^1 = 29 + 34 + 61 + 250 + 251 \\
 625 &:= 1^9 + 4^2 + 14^1 + 18^1 + 24^2 = 19 + 42 + 141 + 181 + 242 & 625 &:= 2^9 + 3^4 + 7^1 + 24^1 + 25^0 = 29 + 34 + 71 + 241 + 250 \\
 625 &:= 1^9 + 4^2 + 15^1 + 17^1 + 24^2 = 19 + 42 + 151 + 171 + 242 & 625 &:= 2^9 + 3^4 + 8^1 + 23^1 + 25^0 = 29 + 34 + 81 + 231 + 250 \\
 625 &:= 1^9 + 4^2 + 16^1 + 16^1 + 24^2 = 19 + 42 + 161 + 161 + 242 & 625 &:= 2^9 + 3^4 + 9^1 + 22^1 + 25^0 = 29 + 34 + 91 + 221 + 250 \\
 625 &:= 1^9 + 4^2 + 5^1 + 24^2 + 27^1 = 19 + 42 + 51 + 242 + 271 & 625 &:= 2^9 + 4^2 + 7^2 + 21^1 + 27^1 = 29 + 42 + 72 + 211 + 271 \\
 625 &:= 1^9 + 4^2 + 6^1 + 24^2 + 26^1 = 19 + 42 + 61 + 242 + 261 & 625 &:= 2^9 + 4^2 + 7^2 + 22^1 + 26^1 = 29 + 42 + 72 + 221 + 261 \\
 625 &:= 1^9 + 4^2 + 7^1 + 24^2 + 25^1 = 19 + 42 + 71 + 242 + 251 & 625 &:= 2^9 + 4^2 + 7^2 + 23^1 + 25^1 = 29 + 42 + 72 + 231 + 251 \\
 625 &:= 1^9 + 4^2 + 8^1 + 24^1 + 24^2 = 19 + 42 + 81 + 241 + 242 & 625 &:= 2^9 + 4^2 + 7^2 + 24^1 + 24^1 = 29 + 42 + 72 + 241 + 241 \\
 625 &:= 1^9 + 4^2 + 9^1 + 23^1 + 24^2 = 19 + 42 + 91 + 231 + 242 & 625 &:= 2^9 + 4^3 + 5^2 + 23^1 + 27^0 = 29 + 43 + 52 + 231 + 270 \\
 625 &:= 1^9 + 5^3 + 14^1 + 19^0 + 22^2 = 19 + 53 + 141 + 190 + 222 & 625 &:= 3^0 + 10^1 + 14^0 + 17^2 + 18^2 = 30 + 101 + 140 + 172 + 182 \\
 625 &:= 1^9 + 6^3 + 7^1 + 20^2 + 27^0 = 19 + 63 + 71 + 202 + 270 & 625 &:= 3^0 + 12^0 + 13^1 + 13^2 + 21^2 = 30 + 120 + 131 + 132 + 212 \\
 625 &:= 1^9 + 7^3 + 13^0 + 16^2 + 24^1 = 19 + 73 + 130 + 162 + 241 & 625 &:= 3^0 + 5^2 + 8^0 + 22^1 + 24^2 = 30 + 52 + 80 + 221 + 242 \\
 625 &:= 2^0 + 10^1 + 15^0 + 17^2 + 18^2 = 20 + 101 + 150 + 172 + 182 & 625 &:= 3^0 + 6^1 + 16^2 + 18^0 + 19^2 = 30 + 61 + 162 + 180 + 192 \\
 625 &:= 2^0 + 13^0 + 13^1 + 13^2 + 21^2 = 20 + 130 + 131 + 132 + 212 & 625 &:= 3^0 + 6^2 + 11^1 + 18^0 + 24^2 = 30 + 62 + 111 + 180 + 242 \\
 625 &:= 2^0 + 5^2 + 9^0 + 22^1 + 24^2 = 20 + 52 + 90 + 221 + 242 & 625 &:= 3^0 + 8^0 + 11^2 + 18^1 + 22^2 = 30 + 80 + 112 + 181 + 222 \\
 625 &:= 2^0 + 6^1 + 16^2 + 19^0 + 19^2 = 20 + 61 + 162 + 190 + 192 & 625 &:= 3^0 + 9^2 + 13^1 + 14^0 + 23^2 = 30 + 92 + 131 + 140 + 232
 \end{aligned}$$

$$\begin{aligned}
 625 &:= 4^0 + 10^1 + 13^0 + 17^2 + 18^2 = 40 + 101 + 130 + 172 + 182 \\
 625 &:= 4^0 + 11^0 + 13^1 + 13^2 + 21^2 = 40 + 110 + 131 + 132 + 212 \\
 625 &:= 4^0 + 5^2 + 7^0 + 22^1 + 24^2 = 40 + 52 + 70 + 221 + 242 \\
 625 &:= 4^0 + 6^1 + 16^2 + 17^0 + 19^2 = 40 + 61 + 162 + 170 + 192 \\
 625 &:= 4^0 + 6^2 + 11^1 + 17^0 + 24^2 = 40 + 62 + 111 + 170 + 242 \\
 625 &:= 4^0 + 7^0 + 11^2 + 18^1 + 22^2 = 40 + 70 + 112 + 181 + 222 \\
 625 &:= 4^0 + 9^2 + 13^0 + 13^1 + 23^2 = 40 + 92 + 130 + 131 + 232 \\
 625 &:= 5^0 + 10^0 + 13^1 + 13^2 + 21^2 = 50 + 100 + 131 + 132 + 212 \\
 625 &:= 5^0 + 10^1 + 12^0 + 17^2 + 18^2 = 50 + 101 + 120 + 172 + 182 \\
 625 &:= 5^0 + 5^2 + 6^0 + 22^1 + 24^2 = 50 + 52 + 60 + 221 + 242 \\
 625 &:= 5^0 + 6^0 + 11^2 + 18^1 + 22^2 = 50 + 60 + 112 + 181 + 222 \\
 625 &:= 5^0 + 6^1 + 16^0 + 16^2 + 19^2 = 50 + 61 + 160 + 162 + 192 \\
 625 &:= 5^0 + 6^2 + 11^1 + 16^0 + 24^2 = 50 + 62 + 111 + 160 + 242 \\
 625 &:= 5^0 + 9^2 + 12^0 + 13^1 + 23^2 = 50 + 92 + 120 + 131 + 232 \\
 625 &:= 6^0 + 10^1 + 11^0 + 17^2 + 18^2 = 60 + 101 + 110 + 172 + 182 \\
 625 &:= 6^0 + 6^1 + 15^0 + 16^2 + 19^2 = 60 + 61 + 150 + 162 + 192 \\
 625 &:= 6^0 + 6^2 + 11^1 + 15^0 + 24^2 = 60 + 62 + 111 + 150 + 242
 \end{aligned}$$

$$\begin{aligned}
 625 &:= 6^0 + 9^0 + 13^1 + 13^2 + 21^2 = 60 + 90 + 131 + 132 + 212 \\
 625 &:= 6^0 + 9^2 + 11^0 + 13^1 + 23^2 = 60 + 92 + 110 + 131 + 232 \\
 625 &:= 6^1 + 10^0 + 11^0 + 16^2 + 19^2 = 61 + 100 + 110 + 162 + 192 \\
 625 &:= 6^1 + 7^0 + 14^0 + 16^2 + 19^2 = 61 + 70 + 140 + 162 + 192 \\
 625 &:= 6^1 + 8^0 + 13^0 + 16^2 + 19^2 = 61 + 80 + 130 + 162 + 192 \\
 625 &:= 6^1 + 9^0 + 12^0 + 16^2 + 19^2 = 61 + 90 + 120 + 162 + 192 \\
 625 &:= 6^2 + 10^0 + 11^0 + 11^1 + 24^2 = 62 + 100 + 110 + 111 + 242 \\
 625 &:= 6^2 + 7^0 + 11^1 + 14^0 + 24^2 = 62 + 70 + 111 + 140 + 242 \\
 625 &:= 6^2 + 8^0 + 11^1 + 13^0 + 24^2 = 62 + 80 + 111 + 130 + 242 \\
 625 &:= 6^2 + 9^0 + 11^1 + 12^0 + 24^2 = 62 + 90 + 111 + 120 + 242 \\
 625 &:= 7^0 + 10^0 + 10^1 + 17^2 + 18^2 = 70 + 100 + 101 + 172 + 182 \\
 625 &:= 7^0 + 8^0 + 13^1 + 13^2 + 21^2 = 70 + 80 + 131 + 132 + 212 \\
 625 &:= 7^0 + 9^2 + 10^0 + 13^1 + 23^2 = 70 + 92 + 100 + 131 + 232 \\
 625 &:= 8^0 + 9^0 + 10^1 + 17^2 + 18^2 = 80 + 90 + 101 + 172 + 182 \\
 625 &:= 8^0 + 9^0 + 9^2 + 13^1 + 23^2 = 80 + 90 + 92 + 131 + 232
 \end{aligned}$$

2.2.527 Number 626

$$\begin{aligned}
 626 &:= 1^1 + 4^2 + 24^2 + 33^1 = 11 + 42 + 242 + 331 \\
 626 &:= 12^2 + 15^2 + 16^2 + 19^0 = 122 + 152 + 162 + 190 \\
 626 &:= 2^1 + 4^2 + 24^2 + 32^1 = 21 + 42 + 242 + 321 \\
 626 &:= 2^5 + 2^9 + 9^2 + 48^0 = 25 + 29 + 92 + 480 \\
 626 &:= 2^6 + 2^9 + 8^0 + 49^1 = 26 + 29 + 80 + 491 \\
 626 &:= 3^0 + 4^3 + 23^2 + 32^1 = 30 + 43 + 232 + 321 \\
 626 &:= 3^1 + 4^2 + 24^2 + 31^1 = 31 + 42 + 242 + 311 \\
 626 &:= 3^3 + 13^0 + 22^1 + 24^2 = 33 + 130 + 221 + 242 \\
 626 &:= 4^1 + 4^2 + 24^2 + 30^1 = 41 + 42 + 242 + 301 \\
 626 &:= 4^2 + 10^1 + 24^1 + 24^2 = 42 + 101 + 241 + 242 \\
 626 &:= 4^2 + 11^1 + 23^1 + 24^2 = 42 + 111 + 231 + 242 \\
 626 &:= 4^2 + 12^1 + 22^1 + 24^2 = 42 + 121 + 221 + 242 \\
 626 &:= 4^2 + 13^1 + 21^1 + 24^2 = 42 + 131 + 211 + 242 \\
 626 &:= 4^2 + 14^1 + 20^1 + 24^2 = 42 + 141 + 201 + 242 \\
 626 &:= 4^2 + 15^1 + 19^1 + 24^2 = 42 + 151 + 191 + 242 \\
 626 &:= 4^2 + 16^1 + 18^1 + 24^2 = 42 + 161 + 181 + 242 \\
 626 &:= 4^2 + 17^1 + 17^1 + 24^2 = 42 + 171 + 171 + 242 \\
 626 &:= 4^2 + 5^1 + 24^2 + 29^1 = 42 + 51 + 242 + 291 \\
 626 &:= 4^2 + 6^1 + 24^2 + 28^1 = 42 + 61 + 242 + 281
 \end{aligned}$$

$$\begin{aligned}
 626 &:= 4^2 + 7^1 + 24^2 + 27^1 = 42 + 71 + 242 + 271 \\
 626 &:= 4^2 + 8^1 + 24^2 + 26^1 = 42 + 81 + 242 + 261 \\
 626 &:= 4^2 + 9^1 + 24^2 + 25^1 = 42 + 91 + 242 + 251 \\
 626 &:= 5^3 + 16^1 + 19^0 + 22^2 = 53 + 161 + 190 + 222 \\
 626 &:= 6^3 + 9^1 + 20^2 + 27^0 = 63 + 91 + 202 + 270 \\
 626 &:= 7^3 + 13^0 + 16^2 + 26^1 = 73 + 130 + 162 + 261 \\
 626 &:= 8^3 + 10^2 + 13^1 + 31^0 = 83 + 102 + 131 + 310 \\
 626 &:= 8^3 + 9^2 + 13^0 + 32^1 = 83 + 92 + 130 + 321 \\
 626 &:= 9^2 + 12^2 + 20^2 + 21^0 = 92 + 122 + 202 + 210 \\
 626 &:= 1^0 + 3^3 + 13^0 + 21^1 + 24^2 = 10 + 33 + 130 + 211 + 242 \\
 626 &:= 1^0 + 4^2 + 10^1 + 23^1 + 24^2 = 10 + 42 + 101 + 231 + 242 \\
 626 &:= 1^0 + 4^2 + 11^1 + 22^1 + 24^2 = 10 + 42 + 111 + 221 + 242 \\
 626 &:= 1^0 + 4^2 + 12^1 + 21^1 + 24^2 = 10 + 42 + 121 + 211 + 242 \\
 626 &:= 1^0 + 4^2 + 13^1 + 20^1 + 24^2 = 10 + 42 + 131 + 201 + 242 \\
 626 &:= 1^0 + 4^2 + 14^1 + 19^1 + 24^2 = 10 + 42 + 141 + 191 + 242 \\
 626 &:= 1^0 + 4^2 + 15^1 + 18^1 + 24^2 = 10 + 42 + 151 + 181 + 242 \\
 626 &:= 1^0 + 4^2 + 16^1 + 17^1 + 24^2 = 10 + 42 + 161 + 171 + 242 \\
 626 &:= 1^0 + 4^2 + 6^1 + 24^2 + 27^1 = 10 + 42 + 61 + 242 + 271 \\
 626 &:= 1^0 + 4^2 + 7^1 + 24^2 + 26^1 = 10 + 42 + 71 + 242 + 261
 \end{aligned}$$

$$\begin{aligned} 626 &:= 1^0 + 4^2 + 8^1 + 24^2 + 25^1 = 10 + 42 + 81 + 242 + 251 & 626 &:= 3^1 + 5^1 + 16^2 + 19^0 + 19^2 = 31 + 51 + 162 + 190 + 192 \\ 626 &:= 1^0 + 4^2 + 9^1 + 24^1 + 24^2 = 10 + 42 + 91 + 241 + 242 & 626 &:= 3^1 + 5^2 + 9^0 + 21^1 + 24^2 = 31 + 52 + 90 + 211 + 242 \\ 626 &:= 1^0 + 5^3 + 15^1 + 19^0 + 22^2 = 10 + 53 + 151 + 190 + 222 & 626 &:= 3^1 + 6^2 + 10^1 + 19^0 + 24^2 = 31 + 62 + 101 + 190 + 242 \\ 626 &:= 1^0 + 6^3 + 8^1 + 20^2 + 27^0 = 10 + 63 + 81 + 202 + 270 & 626 &:= 3^1 + 9^0 + 11^2 + 17^1 + 22^2 = 31 + 90 + 112 + 171 + 222 \\ 626 &:= 1^0 + 7^3 + 13^0 + 16^2 + 25^1 = 10 + 73 + 130 + 162 + 251 & 626 &:= 3^1 + 9^1 + 15^0 + 17^2 + 18^2 = 31 + 91 + 150 + 172 + 182 \\ 626 &:= 1^1 + 11^1 + 15^0 + 17^2 + 18^2 = 11 + 111 + 150 + 172 + 182 & 626 &:= 3^1 + 9^2 + 12^1 + 15^0 + 23^2 = 31 + 92 + 121 + 150 + 232 \\ 626 &:= 1^1 + 13^0 + 13^2 + 14^1 + 21^2 = 11 + 130 + 132 + 141 + 212 & 626 &:= 3^3 + 4^0 + 10^0 + 21^1 + 24^2 = 33 + 40 + 100 + 211 + 242 \\ 626 &:= 1^1 + 5^2 + 9^0 + 23^1 + 24^2 = 11 + 52 + 90 + 231 + 242 & 626 &:= 3^3 + 5^0 + 9^0 + 21^1 + 24^2 = 33 + 50 + 90 + 211 + 242 \\ 626 &:= 1^1 + 6^2 + 12^1 + 19^0 + 24^2 = 11 + 62 + 121 + 190 + 242 & 626 &:= 3^3 + 6^0 + 8^0 + 21^1 + 24^2 = 33 + 60 + 80 + 211 + 242 \\ 626 &:= 1^1 + 7^1 + 16^2 + 19^0 + 19^2 = 11 + 71 + 162 + 190 + 192 & 626 &:= 3^3 + 7^0 + 7^0 + 21^1 + 24^2 = 33 + 70 + 70 + 211 + 242 \\ 626 &:= 1^1 + 9^0 + 11^2 + 19^1 + 22^2 = 11 + 90 + 112 + 191 + 222 & 626 &:= 4^0 + 5^3 + 15^1 + 16^0 + 22^2 = 40 + 53 + 151 + 160 + 222 \\ 626 &:= 1^1 + 9^2 + 14^1 + 15^0 + 23^2 = 11 + 92 + 141 + 150 + 232 & 626 &:= 4^0 + 6^3 + 8^1 + 20^2 + 24^0 = 40 + 63 + 81 + 202 + 240 \\ 626 &:= 1^4 + 2^8 + 7^3 + 25^1 + 26^0 = 14 + 28 + 73 + 251 + 260 & 626 &:= 4^0 + 7^3 + 10^0 + 16^2 + 25^1 = 40 + 73 + 100 + 162 + 251 \\ 626 &:= 1^6 + 2^7 + 12^1 + 22^2 + 24^0 = 16 + 27 + 121 + 222 + 240 & 626 &:= 4^1 + 11^1 + 13^0 + 13^2 + 21^2 = 41 + 111 + 130 + 132 + 212 \\ 626 &:= 1^8 + 2^5 + 16^1 + 18^0 + 24^2 = 18 + 25 + 161 + 180 + 242 & 626 &:= 4^1 + 4^1 + 16^2 + 19^0 + 19^2 = 41 + 41 + 162 + 190 + 192 \\ 626 &:= 1^8 + 3^5 + 18^0 + 19^2 + 20^1 = 18 + 35 + 180 + 192 + 201 & 626 &:= 4^1 + 5^2 + 9^0 + 20^1 + 24^2 = 41 + 52 + 90 + 201 + 242 \\ 626 &:= 1^8 + 4^4 + 7^3 + 24^0 + 25^1 = 18 + 44 + 73 + 240 + 251 & 626 &:= 4^1 + 6^2 + 9^1 + 19^0 + 24^2 = 41 + 62 + 91 + 190 + 242 \\ 626 &:= 1^9 + 3^4 + 14^1 + 20^0 + 23^2 = 19 + 34 + 141 + 200 + 232 & 626 &:= 4^1 + 8^1 + 15^0 + 17^2 + 18^2 = 41 + 81 + 150 + 172 + 182 \\ 626 &:= 2^0 + 3^3 + 12^0 + 21^1 + 24^2 = 20 + 33 + 120 + 211 + 242 & 626 &:= 4^1 + 9^0 + 11^2 + 16^1 + 22^2 = 41 + 90 + 112 + 161 + 222 \\ 626 &:= 2^0 + 5^3 + 15^1 + 18^0 + 22^2 = 20 + 53 + 151 + 180 + 222 & 626 &:= 4^1 + 9^2 + 11^1 + 15^0 + 23^2 = 41 + 92 + 111 + 150 + 232 \\ 626 &:= 2^0 + 6^3 + 8^1 + 20^2 + 26^0 = 20 + 63 + 81 + 202 + 260 & 626 &:= 5^0 + 5^3 + 15^0 + 15^1 + 22^2 = 50 + 53 + 150 + 151 + 222 \\ 626 &:= 2^0 + 7^3 + 12^0 + 16^2 + 25^1 = 20 + 73 + 120 + 162 + 251 & 626 &:= 5^0 + 6^3 + 8^1 + 20^2 + 23^0 = 50 + 63 + 81 + 202 + 230 \\ 626 &:= 2^1 + 10^1 + 15^0 + 17^2 + 18^2 = 21 + 101 + 150 + 172 + 182 & 626 &:= 5^0 + 7^3 + 9^0 + 16^2 + 25^1 = 50 + 73 + 90 + 162 + 251 \\ 626 &:= 2^1 + 13^0 + 13^1 + 13^2 + 21^2 = 21 + 130 + 131 + 132 + 212 & 626 &:= 5^0 + 8^3 + 10^2 + 12^1 + 27^0 = 50 + 83 + 102 + 121 + 270 \\ 626 &:= 2^1 + 5^2 + 9^0 + 22^1 + 24^2 = 21 + 52 + 90 + 221 + 242 & 626 &:= 5^1 + 10^1 + 13^0 + 13^2 + 21^2 = 51 + 101 + 130 + 132 + 212 \\ 626 &:= 2^1 + 6^1 + 16^2 + 19^0 + 19^2 = 21 + 61 + 162 + 190 + 192 & 626 &:= 5^1 + 5^2 + 9^0 + 19^1 + 24^2 = 51 + 52 + 90 + 191 + 242 \\ 626 &:= 2^1 + 6^2 + 11^1 + 19^0 + 24^2 = 21 + 62 + 111 + 190 + 242 & 626 &:= 5^1 + 6^2 + 8^1 + 19^0 + 24^2 = 51 + 62 + 81 + 190 + 242 \\ 626 &:= 2^1 + 9^0 + 11^2 + 18^1 + 22^2 = 21 + 90 + 112 + 181 + 222 & 626 &:= 5^1 + 7^1 + 15^0 + 17^2 + 18^2 = 51 + 71 + 150 + 172 + 182 \\ 626 &:= 2^1 + 9^2 + 13^1 + 15^0 + 23^2 = 21 + 92 + 131 + 150 + 232 & 626 &:= 5^1 + 9^0 + 11^2 + 15^1 + 22^2 = 51 + 90 + 112 + 151 + 222 \\ 626 &:= 2^5 + 2^8 + 13^1 + 18^2 + 26^0 = 25 + 28 + 131 + 182 + 260 & 626 &:= 5^1 + 9^2 + 10^1 + 15^0 + 23^2 = 51 + 92 + 101 + 150 + 232 \\ 626 &:= 2^8 + 3^5 + 10^2 + 20^0 + 26^1 = 28 + 35 + 102 + 200 + 261 & 626 &:= 5^2 + 6^1 + 9^0 + 18^1 + 24^2 = 52 + 61 + 90 + 181 + 242 \\ 626 &:= 2^8 + 3^5 + 5^3 + 24^0 + 27^0 = 28 + 35 + 53 + 240 + 270 & 626 &:= 5^2 + 7^1 + 9^0 + 17^1 + 24^2 = 52 + 71 + 90 + 171 + 242 \\ 626 &:= 2^8 + 3^5 + 5^3 + 25^0 + 26^0 = 28 + 35 + 53 + 250 + 260 & 626 &:= 5^2 + 8^1 + 9^0 + 16^1 + 24^2 = 52 + 81 + 90 + 161 + 242 \\ 626 &:= 3^0 + 3^3 + 11^0 + 21^1 + 24^2 = 30 + 33 + 110 + 211 + 242 & 626 &:= 5^2 + 9^0 + 10^1 + 14^1 + 24^2 = 52 + 90 + 101 + 141 + 242 \\ 626 &:= 3^0 + 5^3 + 15^1 + 17^0 + 22^2 = 30 + 53 + 151 + 170 + 222 & 626 &:= 5^2 + 9^0 + 11^1 + 13^1 + 24^2 = 52 + 90 + 111 + 131 + 242 \\ 626 &:= 3^0 + 6^3 + 8^1 + 20^2 + 25^0 = 30 + 63 + 81 + 202 + 250 & 626 &:= 5^2 + 9^0 + 12^1 + 12^1 + 24^2 = 52 + 90 + 121 + 121 + 242 \\ 626 &:= 3^0 + 7^3 + 11^0 + 16^2 + 25^1 = 30 + 73 + 110 + 162 + 251 & 626 &:= 5^2 + 9^0 + 9^1 + 15^1 + 24^2 = 52 + 90 + 91 + 151 + 242 \\ 626 &:= 3^1 + 12^1 + 13^0 + 13^2 + 21^2 = 31 + 121 + 130 + 132 + 212 & 626 &:= 5^3 + 10^0 + 10^0 + 15^1 + 22^2 = 53 + 100 + 100 + 151 + 222 \end{aligned}$$

$$\begin{aligned}
 626 &:= 5^3 + 6^0 + 14^0 + 15^1 + 22^2 = 53 + 60 + 140 + 151 + 222 \\
 626 &:= 5^3 + 7^0 + 13^0 + 15^1 + 22^2 = 53 + 70 + 130 + 151 + 222 \\
 626 &:= 5^3 + 8^0 + 12^0 + 15^1 + 22^2 = 53 + 80 + 120 + 151 + 222 \\
 626 &:= 5^3 + 9^0 + 11^0 + 15^1 + 22^2 = 53 + 90 + 110 + 151 + 222 \\
 626 &:= 6^0 + 6^3 + 8^1 + 20^2 + 22^0 = 60 + 63 + 81 + 202 + 220 \\
 626 &:= 6^0 + 7^3 + 8^0 + 16^2 + 25^1 = 60 + 73 + 80 + 162 + 251 \\
 626 &:= 6^0 + 8^3 + 10^2 + 12^1 + 26^0 = 60 + 83 + 102 + 121 + 260 \\
 626 &:= 6^1 + 6^1 + 15^0 + 17^2 + 18^2 = 61 + 61 + 150 + 172 + 182 \\
 626 &:= 6^1 + 6^2 + 7^1 + 19^0 + 24^2 = 61 + 62 + 71 + 190 + 242 \\
 626 &:= 6^1 + 9^0 + 11^2 + 14^1 + 22^2 = 61 + 90 + 112 + 141 + 222 \\
 626 &:= 6^1 + 9^1 + 13^0 + 13^2 + 21^2 = 61 + 91 + 130 + 132 + 212 \\
 626 &:= 6^1 + 9^1 + 9^2 + 15^0 + 23^2 = 61 + 91 + 92 + 150 + 232 \\
 626 &:= 6^3 + 7^0 + 8^1 + 20^2 + 21^0 = 63 + 70 + 81 + 202 + 210 \\
 626 &:= 6^3 + 8^0 + 8^1 + 20^0 + 20^2 = 63 + 80 + 81 + 200 + 202 \\
 626 &:= 6^3 + 8^1 + 10^0 + 18^0 + 20^2 = 63 + 81 + 100 + 180 + 202 \\
 626 &:= 6^3 + 8^1 + 11^0 + 17^0 + 20^2 = 63 + 81 + 110 + 170 + 202 \\
 626 &:= 6^3 + 8^1 + 12^0 + 16^0 + 20^2 = 63 + 81 + 120 + 160 + 202 \\
 626 &:= 6^3 + 8^1 + 13^0 + 15^0 + 20^2 = 63 + 81 + 130 + 150 + 202 \\
 626 &:= 6^3 + 8^1 + 14^0 + 14^0 + 20^2 = 63 + 81 + 140 + 140 + 202
 \end{aligned}$$

$$\begin{aligned}
 626 &:= 6^3 + 8^1 + 9^0 + 19^0 + 20^2 = 63 + 81 + 90 + 190 + 202 \\
 626 &:= 7^0 + 7^0 + 7^3 + 16^2 + 25^1 = 70 + 70 + 73 + 162 + 251 \\
 626 &:= 7^0 + 8^3 + 10^2 + 12^1 + 25^0 = 70 + 83 + 102 + 121 + 250 \\
 626 &:= 7^1 + 8^1 + 13^0 + 13^2 + 21^2 = 71 + 81 + 130 + 132 + 212 \\
 626 &:= 7^1 + 8^1 + 9^2 + 15^0 + 23^2 = 71 + 81 + 92 + 150 + 232 \\
 626 &:= 7^1 + 9^0 + 11^2 + 13^1 + 22^2 = 71 + 90 + 112 + 131 + 222 \\
 626 &:= 8^0 + 8^3 + 10^2 + 12^1 + 24^0 = 80 + 83 + 102 + 121 + 240 \\
 626 &:= 8^1 + 9^0 + 11^2 + 12^1 + 22^2 = 81 + 90 + 112 + 121 + 222 \\
 626 &:= 8^3 + 10^0 + 10^2 + 12^1 + 22^0 = 83 + 100 + 102 + 121 + 220 \\
 626 &:= 8^3 + 10^2 + 11^0 + 12^1 + 21^0 = 83 + 102 + 110 + 121 + 210 \\
 626 &:= 8^3 + 10^2 + 12^0 + 12^1 + 20^0 = 83 + 102 + 120 + 121 + 200 \\
 626 &:= 8^3 + 10^2 + 12^1 + 13^0 + 19^0 = 83 + 102 + 121 + 130 + 190 \\
 626 &:= 8^3 + 10^2 + 12^1 + 14^0 + 18^0 = 83 + 102 + 121 + 140 + 180 \\
 626 &:= 8^3 + 10^2 + 12^1 + 15^0 + 17^0 = 83 + 102 + 121 + 150 + 170 \\
 626 &:= 8^3 + 10^2 + 12^1 + 16^0 + 16^0 = 83 + 102 + 121 + 160 + 160 \\
 626 &:= 8^3 + 9^0 + 10^2 + 12^1 + 23^0 = 83 + 90 + 102 + 121 + 230 \\
 626 &:= 9^0 + 10^1 + 10^1 + 11^2 + 22^2 = 90 + 101 + 101 + 112 + 222 \\
 626 &:= 9^0 + 9^1 + 11^1 + 11^2 + 22^2 = 90 + 91 + 111 + 112 + 222
 \end{aligned}$$

2.2.528 Number 627

$$\begin{aligned}
 627 &:= 1^3 + 5^4 + 56^0 = 13 + 54 + 560 \\
 627 &:= 1^5 + 25^2 + 36^0 = 15 + 252 + 360 \\
 627 &:= 1^3 + 15^2 + 20^2 + 26^0 = 13 + 152 + 202 + 260 \\
 627 &:= 1^3 + 5^4 + 56^0 = 13 + 54 + 560 \\
 627 &:= 1^3 + 7^2 + 24^2 + 30^0 = 13 + 72 + 242 + 300 \\
 627 &:= 1^5 + 2^9 + 8^2 + 50^1 = 15 + 29 + 82 + 501 \\
 627 &:= 1^7 + 2^6 + 8^3 + 50^1 = 17 + 26 + 83 + 501 \\
 627 &:= 2^0 + 2^4 + 24^2 + 34^1 = 20 + 24 + 242 + 341 \\
 627 &:= 3^4 + 16^1 + 20^0 + 23^2 = 34 + 161 + 200 + 232 \\
 627 &:= 4^3 + 11^2 + 21^2 + 26^0 = 43 + 112 + 212 + 260 \\
 627 &:= 4^4 + 9^1 + 19^2 + 30^0 = 44 + 91 + 192 + 300 \\
 627 &:= 6^3 + 11^2 + 17^2 + 28^0 = 63 + 112 + 172 + 280 \\
 627 &:= 6^3 + 7^2 + 19^2 + 30^0 = 63 + 72 + 192 + 300 \\
 627 &:= 1^0 + 2^3 + 16^2 + 19^2 + 24^0 = 10 + 23 + 162 + 192 + 240 \\
 627 &:= 1^0 + 3^4 + 15^1 + 20^0 + 23^2 = 10 + 34 + 151 + 200 + 232 \\
 627 &:= 1^0 + 5^3 + 10^2 + 20^2 + 26^0 = 10 + 53 + 102 + 202 + 260
 \end{aligned}$$

$$\begin{aligned}
 627 &:= 1^1 + 12^2 + 15^2 + 16^2 + 18^0 = 11 + 122 + 152 + 162 + 180 \\
 627 &:= 1^1 + 3^3 + 12^0 + 22^1 + 24^2 = 11 + 33 + 120 + 221 + 242 \\
 627 &:= 1^1 + 5^3 + 16^1 + 18^0 + 22^2 = 11 + 53 + 161 + 180 + 222 \\
 627 &:= 1^1 + 6^3 + 9^1 + 20^2 + 26^0 = 11 + 63 + 91 + 202 + 260 \\
 627 &:= 1^1 + 7^3 + 12^0 + 16^2 + 26^1 = 11 + 73 + 120 + 162 + 261 \\
 627 &:= 1^1 + 9^2 + 12^2 + 20^0 + 20^2 = 11 + 92 + 122 + 200 + 202 \\
 627 &:= 1^2 + 12^0 + 13^2 + 15^1 + 21^2 = 12 + 120 + 132 + 151 + 212 \\
 627 &:= 1^2 + 12^1 + 14^0 + 17^2 + 18^2 = 12 + 121 + 140 + 172 + 182 \\
 627 &:= 1^2 + 5^2 + 8^0 + 24^1 + 24^2 = 12 + 52 + 80 + 241 + 242 \\
 627 &:= 1^2 + 6^2 + 13^1 + 18^0 + 24^2 = 12 + 62 + 131 + 180 + 242 \\
 627 &:= 1^2 + 8^0 + 11^2 + 20^1 + 22^2 = 12 + 80 + 112 + 201 + 222 \\
 627 &:= 1^2 + 8^1 + 16^2 + 18^0 + 19^2 = 12 + 81 + 162 + 180 + 192 \\
 627 &:= 1^2 + 9^2 + 14^0 + 15^1 + 23^2 = 12 + 92 + 140 + 151 + 232 \\
 627 &:= 1^4 + 2^9 + 8^2 + 23^1 + 27^1 = 14 + 29 + 82 + 231 + 271 \\
 627 &:= 1^4 + 2^9 + 8^2 + 24^1 + 26^1 = 14 + 29 + 82 + 241 + 261 \\
 627 &:= 1^4 + 2^9 + 8^2 + 25^1 + 25^1 = 14 + 29 + 82 + 251 + 251
 \end{aligned}$$

$$\begin{aligned} 627 &:= 1^5 + 2^8 + 7^3 + 25^0 + 26^1 = 15 + 28 + 73 + 250 + 261 & 627 &:= 2^0 + 4^3 + 9^1 + 23^2 + 24^1 = 20 + 43 + 91 + 232 + 241 \\ 627 &:= 1^6 + 2^6 + 8^3 + 23^1 + 27^1 = 16 + 26 + 83 + 231 + 271 & 627 &:= 2^0 + 5^2 + 16^2 + 18^2 + 21^1 = 20 + 52 + 162 + 182 + 211 \\ 627 &:= 1^6 + 2^6 + 8^3 + 24^1 + 26^1 = 16 + 26 + 83 + 241 + 261 & 627 &:= 2^0 + 5^3 + 10^2 + 20^2 + 25^0 = 20 + 53 + 102 + 202 + 250 \\ 627 &:= 1^6 + 2^6 + 8^3 + 25^1 + 25^1 = 16 + 26 + 83 + 251 + 251 & 627 &:= 2^0 + 6^2 + 13^2 + 20^2 + 21^1 = 20 + 62 + 132 + 202 + 211 \\ 627 &:= 1^7 + 2^5 + 13^2 + 20^2 + 25^1 = 17 + 25 + 132 + 202 + 251 & 627 &:= 2^0 + 6^2 + 6^2 + 23^2 + 25^1 = 20 + 62 + 62 + 232 + 251 \\ 627 &:= 1^7 + 2^7 + 13^1 + 22^2 + 23^0 = 17 + 27 + 131 + 222 + 230 & 627 &:= 2^0 + 7^2 + 14^2 + 19^2 + 20^1 = 20 + 72 + 142 + 192 + 201 \\ 627 &:= 1^8 + 2^4 + 10^2 + 22^2 + 26^1 = 18 + 24 + 102 + 222 + 261 & 627 &:= 2^0 + 8^2 + 10^2 + 21^1 + 21^2 = 20 + 82 + 102 + 211 + 212 \\ 627 &:= 1^8 + 2^4 + 12^2 + 21^2 + 25^1 = 18 + 24 + 122 + 212 + 251 & 627 &:= 2^1 + 3^3 + 12^0 + 21^1 + 24^2 = 21 + 33 + 120 + 211 + 242 \\ 627 &:= 1^8 + 2^4 + 15^2 + 19^2 + 24^1 = 18 + 24 + 152 + 192 + 241 & 627 &:= 2^1 + 5^3 + 15^1 + 18^0 + 22^2 = 21 + 53 + 151 + 180 + 222 \\ 627 &:= 1^8 + 2^5 + 8^2 + 23^2 + 27^0 = 18 + 25 + 82 + 232 + 270 & 627 &:= 2^1 + 6^3 + 8^1 + 20^2 + 26^0 = 21 + 63 + 81 + 202 + 260 \\ 627 &:= 1^8 + 3^4 + 14^2 + 18^2 + 25^1 = 18 + 34 + 142 + 182 + 251 & 627 &:= 2^1 + 7^3 + 12^0 + 16^2 + 25^1 = 21 + 73 + 120 + 162 + 251 \\ 627 &:= 1^9 + 2^4 + 10^1 + 24^1 + 24^2 = 19 + 24 + 101 + 241 + 242 & 627 &:= 2^2 + 10^0 + 11^2 + 17^1 + 22^2 = 22 + 100 + 112 + 171 + 222 \\ 627 &:= 1^9 + 2^4 + 11^1 + 23^1 + 24^2 = 19 + 24 + 111 + 231 + 242 & 627 &:= 2^2 + 12^1 + 13^2 + 14^0 + 21^2 = 22 + 121 + 132 + 140 + 212 \\ 627 &:= 1^9 + 2^4 + 12^1 + 22^1 + 24^2 = 19 + 24 + 121 + 221 + 242 & 627 &:= 2^2 + 5^1 + 16^2 + 19^2 + 20^0 = 22 + 51 + 162 + 192 + 200 \\ 627 &:= 1^9 + 2^4 + 13^1 + 21^1 + 24^2 = 19 + 24 + 131 + 211 + 242 & 627 &:= 2^2 + 5^2 + 10^0 + 21^1 + 24^2 = 22 + 52 + 100 + 211 + 242 \\ 627 &:= 1^9 + 2^4 + 14^1 + 20^1 + 24^2 = 19 + 24 + 141 + 201 + 242 & 627 &:= 2^2 + 6^2 + 10^1 + 20^0 + 24^2 = 22 + 62 + 101 + 200 + 242 \\ 627 &:= 1^9 + 2^4 + 15^1 + 19^1 + 24^2 = 19 + 24 + 151 + 191 + 242 & 627 &:= 2^2 + 9^1 + 16^0 + 17^2 + 18^2 = 22 + 91 + 160 + 172 + 182 \\ 627 &:= 1^9 + 2^4 + 16^1 + 18^1 + 24^2 = 19 + 24 + 161 + 181 + 242 & 627 &:= 2^2 + 9^2 + 12^1 + 16^0 + 23^2 = 22 + 92 + 121 + 160 + 232 \\ 627 &:= 1^9 + 2^4 + 17^1 + 17^1 + 24^2 = 19 + 24 + 171 + 171 + 242 & 627 &:= 2^3 + 10^0 + 15^0 + 16^2 + 19^2 = 23 + 100 + 150 + 162 + 192 \\ 627 &:= 1^9 + 2^4 + 7^1 + 24^2 + 27^1 = 19 + 24 + 71 + 242 + 271 & 627 &:= 2^3 + 11^0 + 14^0 + 16^2 + 19^2 = 23 + 110 + 140 + 162 + 192 \\ 627 &:= 1^9 + 2^4 + 8^1 + 24^2 + 26^1 = 19 + 24 + 81 + 242 + 261 & 627 &:= 2^3 + 12^0 + 13^0 + 16^2 + 19^2 = 23 + 120 + 130 + 162 + 192 \\ 627 &:= 1^9 + 2^4 + 9^1 + 24^2 + 25^1 = 19 + 24 + 91 + 242 + 251 & 627 &:= 2^3 + 3^0 + 16^2 + 19^2 + 22^0 = 23 + 30 + 162 + 192 + 220 \\ 627 &:= 1^9 + 2^5 + 17^0 + 17^1 + 24^2 = 19 + 25 + 170 + 171 + 242 & 627 &:= 2^3 + 4^0 + 16^2 + 19^2 + 21^0 = 23 + 40 + 162 + 192 + 210 \\ 627 &:= 1^9 + 3^4 + 12^2 + 20^2 + 25^0 = 19 + 34 + 122 + 202 + 250 & 627 &:= 2^3 + 5^0 + 16^2 + 19^2 + 20^0 = 23 + 50 + 162 + 192 + 200 \\ 627 &:= 1^9 + 3^5 + 17^0 + 19^2 + 21^1 = 19 + 35 + 170 + 192 + 211 & 627 &:= 2^3 + 6^0 + 16^2 + 19^0 + 19^2 = 23 + 60 + 162 + 190 + 192 \\ 627 &:= 1^9 + 4^4 + 7^3 + 23^0 + 26^1 = 19 + 44 + 73 + 230 + 261 & 627 &:= 2^3 + 7^0 + 16^2 + 18^0 + 19^2 = 23 + 70 + 162 + 180 + 192 \\ 627 &:= 2^0 + 2^3 + 16^2 + 19^2 + 23^0 = 20 + 23 + 162 + 192 + 230 & 627 &:= 2^3 + 8^0 + 16^2 + 17^0 + 19^2 = 23 + 80 + 162 + 170 + 192 \\ 627 &:= 2^0 + 3^4 + 15^1 + 19^0 + 23^2 = 20 + 34 + 151 + 190 + 232 & 627 &:= 2^3 + 9^0 + 16^0 + 16^2 + 19^2 = 23 + 90 + 160 + 162 + 192 \\ 627 &:= 2^0 + 4^3 + 10^1 + 23^1 + 23^2 = 20 + 43 + 101 + 231 + 232 & 627 &:= 2^4 + 2^9 + 7^2 + 23^1 + 27^1 = 24 + 29 + 72 + 231 + 271 \\ 627 &:= 2^0 + 4^3 + 11^1 + 22^1 + 23^2 = 20 + 43 + 111 + 221 + 232 & 627 &:= 2^4 + 2^9 + 7^2 + 24^1 + 26^1 = 24 + 29 + 72 + 241 + 261 \\ 627 &:= 2^0 + 4^3 + 12^1 + 21^1 + 23^2 = 20 + 43 + 121 + 211 + 232 & 627 &:= 2^4 + 2^9 + 7^2 + 25^1 + 25^1 = 24 + 29 + 72 + 251 + 251 \\ 627 &:= 2^0 + 4^3 + 13^1 + 20^1 + 23^2 = 20 + 43 + 131 + 201 + 232 & 627 &:= 2^6 + 2^8 + 17^1 + 17^2 + 23^0 = 26 + 28 + 171 + 172 + 230 \\ 627 &:= 2^0 + 4^3 + 14^1 + 19^1 + 23^2 = 20 + 43 + 141 + 191 + 232 & 627 &:= 2^6 + 2^9 + 7^0 + 23^1 + 27^1 = 26 + 29 + 70 + 231 + 271 \\ 627 &:= 2^0 + 4^3 + 15^1 + 18^1 + 23^2 = 20 + 43 + 151 + 181 + 232 & 627 &:= 2^6 + 2^9 + 7^0 + 24^1 + 26^1 = 26 + 29 + 70 + 241 + 261 \\ 627 &:= 2^0 + 4^3 + 16^1 + 17^1 + 23^2 = 20 + 43 + 161 + 171 + 232 & 627 &:= 2^6 + 2^9 + 7^0 + 25^1 + 25^1 = 26 + 29 + 70 + 251 + 251 \\ 627 &:= 2^0 + 4^3 + 6^1 + 23^2 + 27^1 = 20 + 43 + 61 + 232 + 271 & 627 &:= 2^6 + 2^9 + 7^2 + 23^0 + 27^0 = 26 + 29 + 72 + 230 + 270 \\ 627 &:= 2^0 + 4^3 + 7^1 + 23^2 + 26^1 = 20 + 43 + 71 + 232 + 261 & 627 &:= 2^6 + 2^9 + 7^2 + 24^0 + 26^0 = 26 + 29 + 72 + 240 + 260 \\ 627 &:= 2^0 + 4^3 + 8^1 + 23^2 + 25^1 = 20 + 43 + 81 + 232 + 251 & 627 &:= 2^6 + 2^9 + 7^2 + 25^0 + 25^0 = 26 + 29 + 72 + 250 + 250 \end{aligned}$$

$$\begin{aligned} 627 &:= 2^8 + 3^5 + 9^2 + 20^1 + 27^1 = 28 + 35 + 92 + 201 + 271 & 627 &:= 3^3 + 8^1 + 12^0 + 15^1 + 24^2 = 33 + 81 + 120 + 151 + 242 \\ 627 &:= 2^8 + 3^5 + 9^2 + 21^1 + 26^1 = 28 + 35 + 92 + 211 + 261 & 627 &:= 3^3 + 9^1 + 12^0 + 14^1 + 24^2 = 33 + 91 + 120 + 141 + 242 \\ 627 &:= 2^8 + 3^5 + 9^2 + 22^1 + 25^1 = 28 + 35 + 92 + 221 + 251 & 627 &:= 3^4 + 10^0 + 11^0 + 15^1 + 23^2 = 34 + 100 + 110 + 151 + 232 \\ 627 &:= 2^8 + 3^5 + 9^2 + 23^1 + 24^1 = 28 + 35 + 92 + 231 + 241 & 627 &:= 3^4 + 4^0 + 15^1 + 17^0 + 23^2 = 34 + 40 + 151 + 170 + 232 \\ 627 &:= 2^8 + 4^3 + 4^4 + 24^1 + 27^1 = 28 + 43 + 44 + 241 + 271 & 627 &:= 3^4 + 5^0 + 15^1 + 16^0 + 23^2 = 34 + 50 + 151 + 160 + 232 \\ 627 &:= 2^8 + 4^3 + 4^4 + 25^1 + 26^1 = 28 + 43 + 44 + 251 + 261 & 627 &:= 3^4 + 6^0 + 15^0 + 15^1 + 23^2 = 34 + 60 + 150 + 151 + 232 \\ 627 &:= 3^0 + 3^4 + 15^1 + 18^0 + 23^2 = 30 + 34 + 151 + 180 + 232 & 627 &:= 3^4 + 7^0 + 14^0 + 15^1 + 23^2 = 34 + 70 + 140 + 151 + 232 \\ 627 &:= 3^0 + 5^3 + 10^2 + 20^2 + 24^0 = 30 + 53 + 102 + 202 + 240 & 627 &:= 3^4 + 8^0 + 13^0 + 15^1 + 23^2 = 34 + 80 + 130 + 151 + 232 \\ 627 &:= 3^1 + 3^3 + 12^0 + 20^1 + 24^2 = 31 + 33 + 120 + 201 + 242 & 627 &:= 3^4 + 9^0 + 12^0 + 15^1 + 23^2 = 34 + 90 + 120 + 151 + 232 \\ 627 &:= 3^1 + 5^3 + 14^1 + 18^0 + 22^2 = 31 + 53 + 141 + 180 + 222 & 627 &:= 4^0 + 4^2 + 5^3 + 22^2 + 27^0 = 40 + 42 + 53 + 222 + 270 \\ 627 &:= 3^1 + 6^3 + 7^1 + 20^2 + 26^0 = 31 + 63 + 71 + 202 + 260 & 627 &:= 4^0 + 4^4 + 8^1 + 19^2 + 27^0 = 40 + 44 + 81 + 192 + 270 \\ 627 &:= 3^1 + 7^3 + 12^0 + 16^2 + 24^1 = 31 + 73 + 120 + 162 + 241 & 627 &:= 4^0 + 5^2 + 7^2 + 23^1 + 23^2 = 40 + 52 + 72 + 231 + 232 \\ 627 &:= 3^2 + 11^2 + 12^1 + 14^0 + 22^2 = 32 + 112 + 121 + 140 + 222 & 627 &:= 4^0 + 5^3 + 10^2 + 20^2 + 23^0 = 40 + 53 + 102 + 202 + 230 \\ 627 &:= 3^2 + 4^0 + 14^2 + 20^2 + 21^1 = 32 + 40 + 142 + 202 + 211 & 627 &:= 4^0 + 8^2 + 12^2 + 18^1 + 20^2 = 40 + 82 + 122 + 181 + 202 \\ 627 &:= 3^2 + 4^0 + 8^2 + 23^2 + 24^1 = 32 + 40 + 82 + 232 + 241 & 627 &:= 4^0 + 8^2 + 16^2 + 17^1 + 17^2 = 40 + 82 + 162 + 171 + 172 \\ 627 &:= 3^2 + 4^1 + 17^2 + 18^2 + 20^0 = 32 + 41 + 172 + 182 + 200 & 627 &:= 4^1 + 5^3 + 13^1 + 18^0 + 22^2 = 41 + 53 + 131 + 180 + 222 \\ 627 &:= 3^2 + 4^2 + 6^0 + 24^2 + 25^1 = 32 + 42 + 60 + 242 + 251 & 627 &:= 4^1 + 6^1 + 6^3 + 20^2 + 26^0 = 41 + 61 + 63 + 202 + 260 \\ 627 &:= 3^2 + 5^1 + 6^2 + 24^0 + 24^2 = 32 + 51 + 62 + 240 + 242 & 627 &:= 4^1 + 6^2 + 15^2 + 18^0 + 19^2 = 41 + 62 + 152 + 180 + 192 \\ 627 &:= 3^2 + 5^2 + 14^0 + 16^1 + 24^2 = 32 + 52 + 140 + 161 + 242 & 627 &:= 4^1 + 7^3 + 12^0 + 16^2 + 23^1 = 41 + 73 + 120 + 162 + 231 \\ 627 &:= 3^2 + 6^0 + 6^3 + 20^2 + 27^0 = 32 + 60 + 63 + 202 + 270 & 627 &:= 4^1 + 9^2 + 10^2 + 18^0 + 21^2 = 41 + 92 + 102 + 180 + 212 \\ 627 &:= 3^2 + 6^3 + 10^0 + 20^2 + 23^0 = 32 + 63 + 100 + 202 + 230 & 627 &:= 4^2 + 10^0 + 14^1 + 14^2 + 20^2 = 42 + 100 + 141 + 142 + 202 \\ 627 &:= 3^2 + 6^3 + 11^0 + 20^2 + 22^0 = 32 + 63 + 110 + 202 + 220 & 627 &:= 4^2 + 4^2 + 12^0 + 18^1 + 24^2 = 42 + 42 + 120 + 181 + 242 \\ 627 &:= 3^2 + 6^3 + 12^0 + 20^2 + 21^0 = 32 + 63 + 120 + 202 + 210 & 627 &:= 4^2 + 5^0 + 5^3 + 22^2 + 26^0 = 42 + 50 + 53 + 222 + 260 \\ 627 &:= 3^2 + 6^3 + 13^0 + 20^0 + 20^2 = 32 + 63 + 130 + 200 + 202 & 627 &:= 4^2 + 5^1 + 11^2 + 20^0 + 22^2 = 42 + 51 + 112 + 200 + 222 \\ 627 &:= 3^2 + 6^3 + 14^0 + 19^0 + 20^2 = 32 + 63 + 140 + 190 + 202 & 627 &:= 4^2 + 5^2 + 9^1 + 20^0 + 24^2 = 42 + 52 + 91 + 200 + 242 \\ 627 &:= 3^2 + 6^3 + 15^0 + 18^0 + 20^2 = 32 + 63 + 150 + 180 + 202 & 627 &:= 4^2 + 5^3 + 10^0 + 21^0 + 22^2 = 42 + 53 + 100 + 210 + 222 \\ 627 &:= 3^2 + 6^3 + 16^0 + 17^0 + 20^2 = 32 + 63 + 160 + 170 + 202 & 627 &:= 4^2 + 5^3 + 11^0 + 20^0 + 22^2 = 42 + 53 + 110 + 200 + 222 \\ 627 &:= 3^2 + 6^3 + 7^0 + 20^2 + 26^0 = 32 + 63 + 70 + 202 + 260 & 627 &:= 4^2 + 5^3 + 12^0 + 19^0 + 22^2 = 42 + 53 + 120 + 190 + 222 \\ 627 &:= 3^2 + 6^3 + 8^0 + 20^2 + 25^0 = 32 + 63 + 80 + 202 + 250 & 627 &:= 4^2 + 5^3 + 13^0 + 18^0 + 22^2 = 42 + 53 + 130 + 180 + 222 \\ 627 &:= 3^2 + 6^3 + 9^0 + 20^2 + 24^0 = 32 + 63 + 90 + 202 + 240 & 627 &:= 4^2 + 5^3 + 14^0 + 17^0 + 22^2 = 42 + 53 + 140 + 170 + 222 \\ 627 &:= 3^2 + 7^1 + 13^2 + 18^0 + 21^2 = 32 + 71 + 132 + 180 + 212 & 627 &:= 4^2 + 5^3 + 15^0 + 16^0 + 22^2 = 42 + 53 + 150 + 160 + 222 \\ 627 &:= 3^2 + 7^1 + 9^2 + 20^0 + 23^2 = 32 + 71 + 92 + 200 + 232 & 627 &:= 4^2 + 5^3 + 6^0 + 22^2 + 25^0 = 42 + 53 + 60 + 222 + 250 \\ 627 &:= 3^3 + 10^1 + 12^0 + 13^1 + 24^2 = 33 + 101 + 120 + 131 + 242 & 627 &:= 4^2 + 5^3 + 7^0 + 22^2 + 24^0 = 42 + 53 + 70 + 222 + 240 \\ 627 &:= 3^3 + 11^1 + 12^0 + 12^1 + 24^2 = 33 + 111 + 120 + 121 + 242 & 627 &:= 4^2 + 5^3 + 8^0 + 22^2 + 23^0 = 42 + 53 + 80 + 222 + 230 \\ 627 &:= 3^3 + 4^1 + 12^0 + 19^1 + 24^2 = 33 + 41 + 120 + 191 + 242 & 627 &:= 4^2 + 5^3 + 9^0 + 22^0 + 22^2 = 42 + 53 + 90 + 220 + 222 \\ 627 &:= 3^3 + 5^1 + 12^0 + 18^1 + 24^2 = 33 + 51 + 120 + 181 + 242 & 627 &:= 4^2 + 8^2 + 10^0 + 17^1 + 23^2 = 42 + 82 + 100 + 171 + 232 \\ 627 &:= 3^3 + 6^1 + 12^0 + 17^1 + 24^2 = 33 + 61 + 120 + 171 + 242 & 627 &:= 4^4 + 5^0 + 8^1 + 19^2 + 26^0 = 44 + 50 + 81 + 192 + 260 \\ 627 &:= 3^3 + 7^1 + 12^0 + 16^1 + 24^2 = 33 + 71 + 120 + 161 + 242 & 627 &:= 4^4 + 6^0 + 8^1 + 19^2 + 25^0 = 44 + 60 + 81 + 192 + 250 \end{aligned}$$

$$\begin{aligned} 627 &:= 4^4 + 7^0 + 8^1 + 19^2 + 24^0 = 44 + 70 + 81 + 192 + 240 \\ 627 &:= 4^4 + 8^0 + 8^1 + 19^2 + 23^0 = 44 + 80 + 81 + 192 + 230 \\ 627 &:= 4^4 + 8^1 + 10^0 + 19^2 + 21^0 = 44 + 81 + 100 + 192 + 210 \\ 627 &:= 4^4 + 8^1 + 11^0 + 19^2 + 20^0 = 44 + 81 + 110 + 192 + 200 \\ 627 &:= 4^4 + 8^1 + 12^0 + 19^0 + 19^2 = 44 + 81 + 120 + 190 + 192 \\ 627 &:= 4^4 + 8^1 + 13^0 + 18^0 + 19^2 = 44 + 81 + 130 + 180 + 192 \\ 627 &:= 4^4 + 8^1 + 14^0 + 17^0 + 19^2 = 44 + 81 + 140 + 170 + 192 \\ 627 &:= 4^4 + 8^1 + 15^0 + 16^0 + 19^2 = 44 + 81 + 150 + 160 + 192 \\ 627 &:= 4^4 + 8^1 + 9^0 + 19^2 + 22^0 = 44 + 81 + 90 + 192 + 220 \\ 627 &:= 5^0 + 5^3 + 10^2 + 20^2 + 22^0 = 50 + 53 + 102 + 202 + 220 \\ 627 &:= 5^1 + 10^2 + 11^2 + 16^0 + 20^2 = 51 + 102 + 112 + 160 + 202 \\ 627 &:= 5^1 + 13^2 + 14^0 + 14^2 + 16^2 = 51 + 132 + 140 + 142 + 162 \\ 627 &:= 5^1 + 5^1 + 6^3 + 20^2 + 26^0 = 51 + 51 + 63 + 202 + 260 \\ 627 &:= 5^1 + 5^2 + 14^2 + 18^0 + 20^2 = 51 + 52 + 142 + 180 + 202 \\ 627 &:= 5^1 + 5^3 + 12^1 + 18^0 + 22^2 = 51 + 53 + 121 + 180 + 222 \\ 627 &:= 5^1 + 6^2 + 12^2 + 18^0 + 21^2 = 51 + 62 + 122 + 180 + 212 \\ 627 &:= 5^1 + 7^3 + 12^0 + 16^2 + 22^1 = 51 + 73 + 120 + 162 + 221 \\ 627 &:= 5^1 + 8^2 + 14^2 + 16^0 + 19^2 = 51 + 82 + 142 + 160 + 192 \\ 627 &:= 5^2 + 8^0 + 10^2 + 17^1 + 22^2 = 52 + 80 + 102 + 171 + 222 \\ 627 &:= 5^2 + 8^0 + 12^2 + 16^1 + 21^2 = 52 + 80 + 122 + 161 + 212 \\ 627 &:= 5^2 + 8^0 + 15^1 + 15^2 + 19^2 = 52 + 80 + 151 + 152 + 192 \\ 627 &:= 5^2 + 8^1 + 8^2 + 18^0 + 23^2 = 52 + 81 + 82 + 180 + 232 \\ 627 &:= 5^3 + 10^0 + 10^2 + 17^0 + 20^2 = 53 + 100 + 102 + 170 + 202 \\ 627 &:= 5^3 + 10^2 + 11^0 + 16^0 + 20^2 = 53 + 102 + 110 + 160 + 202 \\ 627 &:= 5^3 + 10^2 + 12^0 + 15^0 + 20^2 = 53 + 102 + 120 + 150 + 202 \\ 627 &:= 5^3 + 10^2 + 13^0 + 14^0 + 20^2 = 53 + 102 + 130 + 140 + 202 \\ 627 &:= 5^3 + 6^0 + 10^2 + 20^2 + 21^0 = 53 + 60 + 102 + 202 + 210 \\ 627 &:= 5^3 + 6^1 + 11^1 + 18^0 + 22^2 = 53 + 61 + 111 + 180 + 222 \\ 627 &:= 5^3 + 7^0 + 10^2 + 20^0 + 20^2 = 53 + 70 + 102 + 200 + 202 \\ 627 &:= 5^3 + 7^1 + 10^1 + 18^0 + 22^2 = 53 + 71 + 101 + 180 + 222 \\ 627 &:= 5^3 + 8^0 + 10^2 + 19^0 + 20^2 = 53 + 80 + 102 + 190 + 202 \\ 627 &:= 5^3 + 8^1 + 9^1 + 18^0 + 22^2 = 53 + 81 + 91 + 180 + 222 \\ 627 &:= 5^3 + 9^0 + 10^2 + 18^0 + 20^2 = 53 + 90 + 102 + 180 + 202 \\ 627 &:= 6^0 + 10^2 + 14^1 + 16^2 + 16^2 = 60 + 102 + 141 + 162 + 162 \\ 627 &:= 6^0 + 12^2 + 12^2 + 14^1 + 18^2 = 60 + 122 + 122 + 141 + 182 \\ 627 &:= 6^0 + 9^2 + 13^2 + 15^1 + 19^2 = 60 + 92 + 132 + 151 + 192 \\ 627 &:= 6^1 + 10^2 + 14^0 + 14^2 + 18^2 = 61 + 102 + 140 + 142 + 182 \\ 627 &:= 6^1 + 6^2 + 10^2 + 18^0 + 22^2 = 61 + 62 + 102 + 180 + 222 \end{aligned}$$

$$\begin{aligned} 627 &:= 6^1 + 7^3 + 12^0 + 16^2 + 21^1 = 61 + 73 + 120 + 162 + 211 \\ 627 &:= 6^1 + 8^3 + 9^2 + 12^0 + 27^1 = 61 + 83 + 92 + 120 + 271 \\ 627 &:= 6^2 + 10^0 + 12^1 + 17^2 + 17^2 = 62 + 100 + 121 + 172 + 172 \\ 627 &:= 6^2 + 10^1 + 12^0 + 16^2 + 18^2 = 62 + 101 + 120 + 162 + 182 \\ 627 &:= 6^2 + 7^2 + 12^1 + 14^0 + 23^2 = 62 + 72 + 121 + 140 + 232 \\ 627 &:= 7^1 + 12^0 + 13^2 + 15^2 + 15^2 = 71 + 120 + 132 + 152 + 152 \\ 627 &:= 7^1 + 7^3 + 12^0 + 16^2 + 20^1 = 71 + 73 + 120 + 162 + 201 \\ 627 &:= 7^1 + 8^3 + 9^2 + 12^0 + 26^1 = 71 + 83 + 92 + 120 + 261 \\ 627 &:= 7^2 + 8^0 + 11^2 + 15^1 + 21^2 = 72 + 80 + 112 + 151 + 212 \\ 627 &:= 7^2 + 8^1 + 13^2 + 14^0 + 20^2 = 72 + 81 + 132 + 140 + 202 \\ 627 &:= 7^2 + 8^2 + 8^3 + 12^0 + 27^0 = 72 + 82 + 83 + 120 + 270 \\ 627 &:= 7^2 + 8^2 + 8^3 + 13^0 + 26^0 = 72 + 82 + 83 + 130 + 260 \\ 627 &:= 7^2 + 8^2 + 8^3 + 14^0 + 25^0 = 72 + 82 + 83 + 140 + 250 \\ 627 &:= 7^2 + 8^2 + 8^3 + 15^0 + 24^0 = 72 + 82 + 83 + 150 + 240 \\ 627 &:= 7^2 + 8^2 + 8^3 + 16^0 + 23^0 = 72 + 82 + 83 + 160 + 230 \\ 627 &:= 7^2 + 8^2 + 8^3 + 17^0 + 22^0 = 72 + 82 + 83 + 170 + 220 \\ 627 &:= 7^2 + 8^2 + 8^3 + 18^0 + 21^0 = 72 + 82 + 83 + 180 + 210 \\ 627 &:= 7^2 + 8^2 + 8^3 + 19^0 + 20^0 = 72 + 82 + 83 + 190 + 200 \\ 627 &:= 7^2 + 9^2 + 12^0 + 12^1 + 22^2 = 72 + 92 + 120 + 121 + 222 \\ 627 &:= 7^3 + 10^1 + 12^0 + 16^2 + 17^1 = 73 + 101 + 120 + 162 + 171 \\ 627 &:= 7^3 + 11^1 + 12^0 + 16^1 + 16^2 = 73 + 111 + 120 + 161 + 162 \\ 627 &:= 7^3 + 12^0 + 12^1 + 15^1 + 16^2 = 73 + 120 + 121 + 151 + 162 \\ 627 &:= 7^3 + 12^0 + 13^1 + 14^1 + 16^2 = 73 + 120 + 131 + 141 + 162 \\ 627 &:= 7^3 + 8^1 + 12^0 + 16^2 + 19^1 = 73 + 81 + 120 + 162 + 191 \\ 627 &:= 7^3 + 9^1 + 12^0 + 16^2 + 18^1 = 73 + 91 + 120 + 162 + 181 \\ 627 &:= 8^0 + 10^2 + 12^1 + 15^2 + 17^2 = 80 + 102 + 121 + 152 + 172 \\ 627 &:= 8^0 + 11^2 + 12^1 + 13^2 + 18^2 = 80 + 112 + 121 + 132 + 182 \\ 627 &:= 8^0 + 8^2 + 13^1 + 15^2 + 18^2 = 80 + 82 + 131 + 152 + 182 \\ 627 &:= 8^1 + 8^3 + 9^2 + 12^0 + 25^1 = 81 + 83 + 92 + 120 + 251 \\ 627 &:= 8^2 + 8^2 + 10^0 + 14^1 + 22^2 = 82 + 82 + 100 + 141 + 222 \\ 627 &:= 8^3 + 9^1 + 9^2 + 12^0 + 24^1 = 83 + 91 + 92 + 120 + 241 \\ 627 &:= 8^3 + 9^2 + 10^1 + 12^0 + 23^1 = 83 + 92 + 101 + 120 + 231 \\ 627 &:= 8^3 + 9^2 + 11^1 + 12^0 + 22^1 = 83 + 92 + 111 + 120 + 221 \\ 627 &:= 8^3 + 9^2 + 12^0 + 12^1 + 21^1 = 83 + 92 + 120 + 121 + 211 \\ 627 &:= 8^3 + 9^2 + 12^0 + 13^1 + 20^1 = 83 + 92 + 120 + 131 + 201 \\ 627 &:= 8^3 + 9^2 + 12^0 + 14^1 + 19^1 = 83 + 92 + 120 + 141 + 191 \\ 627 &:= 8^3 + 9^2 + 12^0 + 15^1 + 18^1 = 83 + 92 + 120 + 151 + 181 \\ 627 &:= 8^3 + 9^2 + 12^0 + 16^1 + 17^1 = 83 + 92 + 120 + 161 + 171 \end{aligned}$$

$$627 := 9^1 + 10^0 + 14^2 + 14^2 + 15^2 = 91 + 100 + 142 + 142 + 152$$

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$628 := 1^0 + 1^4 + 5^4 + 55^0$	$= 10 + 14 + 54 + 550$	$628 := 1^4 + 5^4 + 9^0 + 47^0$	$= 14 + 54 + 90 + 470$
$628 := 1^0 + 1^6 + 25^2 + 35^0$	$= 10 + 16 + 252 + 350$	$628 := 1^5 + 1^9 + 5^4 + 54^0$	$= 15 + 19 + 54 + 540$
$628 := 1^1 + 1^3 + 5^4 + 55^0$	$= 11 + 13 + 54 + 550$	$628 := 1^6 + 1^8 + 5^4 + 54^0$	$= 16 + 18 + 54 + 540$
$628 := 1^1 + 1^5 + 25^2 + 35^0$	$= 11 + 15 + 252 + 350$	$628 := 1^6 + 10^0 + 25^2 + 26^0$	$= 16 + 100 + 252 + 260$
$628 := 1^1 + 2^4 + 24^2 + 35^1$	$= 11 + 24 + 242 + 351$	$628 := 1^6 + 11^0 + 25^0 + 25^2$	$= 16 + 110 + 250 + 252$
$628 := 1^2 + 1^2 + 5^4 + 55^0$	$= 12 + 12 + 54 + 550$	$628 := 1^6 + 12^0 + 24^0 + 25^2$	$= 16 + 120 + 240 + 252$
$628 := 1^2 + 1^4 + 25^2 + 35^0$	$= 12 + 14 + 252 + 350$	$628 := 1^6 + 13^0 + 23^0 + 25^2$	$= 16 + 130 + 230 + 252$
$628 := 1^2 + 4^3 + 23^2 + 34^1$	$= 12 + 43 + 232 + 341$	$628 := 1^6 + 14^0 + 22^0 + 25^2$	$= 16 + 140 + 220 + 252$
$628 := 1^3 + 1^3 + 25^2 + 35^0$	$= 13 + 13 + 252 + 350$	$628 := 1^6 + 15^0 + 21^0 + 25^2$	$= 16 + 150 + 210 + 252$
$628 := 1^4 + 2^0 + 5^4 + 54^0$	$= 14 + 20 + 54 + 540$	$628 := 1^6 + 16^0 + 20^0 + 25^2$	$= 16 + 160 + 200 + 252$
$628 := 1^4 + 3^0 + 5^4 + 53^0$	$= 14 + 30 + 54 + 530$	$628 := 1^6 + 17^0 + 19^0 + 25^2$	$= 16 + 170 + 190 + 252$
$628 := 1^4 + 4^0 + 5^4 + 52^0$	$= 14 + 40 + 54 + 520$	$628 := 1^6 + 18^0 + 18^0 + 25^2$	$= 16 + 180 + 180 + 252$
$628 := 1^4 + 5^0 + 5^4 + 51^0$	$= 14 + 50 + 54 + 510$	$628 := 1^6 + 2^0 + 25^2 + 34^0$	$= 16 + 20 + 252 + 340$
$628 := 1^4 + 5^4 + 10^0 + 46^0$	$= 14 + 54 + 100 + 460$	$628 := 1^6 + 3^0 + 25^2 + 33^0$	$= 16 + 30 + 252 + 330$
$628 := 1^4 + 5^4 + 11^0 + 45^0$	$= 14 + 54 + 110 + 450$	$628 := 1^6 + 4^0 + 25^2 + 32^0$	$= 16 + 40 + 252 + 320$
$628 := 1^4 + 5^4 + 12^0 + 44^0$	$= 14 + 54 + 120 + 440$	$628 := 1^6 + 5^0 + 25^2 + 31^0$	$= 16 + 50 + 252 + 310$
$628 := 1^4 + 5^4 + 13^0 + 43^0$	$= 14 + 54 + 130 + 430$	$628 := 1^6 + 6^0 + 25^2 + 30^0$	$= 16 + 60 + 252 + 300$
$628 := 1^4 + 5^4 + 14^0 + 42^0$	$= 14 + 54 + 140 + 420$	$628 := 1^6 + 7^0 + 25^2 + 29^0$	$= 16 + 70 + 252 + 290$
$628 := 1^4 + 5^4 + 15^0 + 41^0$	$= 14 + 54 + 150 + 410$	$628 := 1^6 + 8^0 + 25^2 + 28^0$	$= 16 + 80 + 252 + 280$
$628 := 1^4 + 5^4 + 16^0 + 40^0$	$= 14 + 54 + 160 + 400$	$628 := 1^6 + 9^0 + 25^2 + 27^0$	$= 16 + 90 + 252 + 270$
$628 := 1^4 + 5^4 + 17^0 + 39^0$	$= 14 + 54 + 170 + 390$	$628 := 1^7 + 1^7 + 5^4 + 54^0$	$= 17 + 17 + 54 + 540$
$628 := 1^4 + 5^4 + 18^0 + 38^0$	$= 14 + 54 + 180 + 380$	$628 := 1^7 + 1^9 + 25^2 + 34^0$	$= 17 + 19 + 252 + 340$
$628 := 1^4 + 5^4 + 19^0 + 37^0$	$= 14 + 54 + 190 + 370$	$628 := 1^8 + 1^8 + 25^2 + 34^0$	$= 18 + 18 + 252 + 340$
$628 := 1^4 + 5^4 + 20^0 + 36^0$	$= 14 + 54 + 200 + 360$	$628 := 2^1 + 2^4 + 24^2 + 34^1$	$= 21 + 24 + 242 + 341$
$628 := 1^4 + 5^4 + 21^0 + 35^0$	$= 14 + 54 + 210 + 350$	$628 := 2^4 + 10^1 + 24^2 + 26^1$	$= 24 + 101 + 242 + 261$
$628 := 1^4 + 5^4 + 22^0 + 34^0$	$= 14 + 54 + 220 + 340$	$628 := 2^4 + 11^1 + 24^2 + 25^1$	$= 24 + 111 + 242 + 251$
$628 := 1^4 + 5^4 + 23^0 + 33^0$	$= 14 + 54 + 230 + 330$	$628 := 2^4 + 12^1 + 24^1 + 24^2$	$= 24 + 121 + 241 + 242$
$628 := 1^4 + 5^4 + 24^0 + 32^0$	$= 14 + 54 + 240 + 320$	$628 := 2^4 + 13^1 + 23^1 + 24^2$	$= 24 + 131 + 231 + 242$
$628 := 1^4 + 5^4 + 25^0 + 31^0$	$= 14 + 54 + 250 + 310$	$628 := 2^4 + 14^1 + 22^1 + 24^2$	$= 24 + 141 + 221 + 242$
$628 := 1^4 + 5^4 + 26^0 + 30^0$	$= 14 + 54 + 260 + 300$	$628 := 2^4 + 15^1 + 21^1 + 24^2$	$= 24 + 151 + 211 + 242$
$628 := 1^4 + 5^4 + 27^0 + 29^0$	$= 14 + 54 + 270 + 290$	$628 := 2^4 + 16^1 + 20^1 + 24^2$	$= 24 + 161 + 201 + 242$
$628 := 1^4 + 5^4 + 28^0 + 28^0$	$= 14 + 54 + 280 + 280$	$628 := 2^4 + 17^1 + 19^1 + 24^2$	$= 24 + 171 + 191 + 242$
$628 := 1^4 + 5^4 + 6^0 + 50^0$	$= 14 + 54 + 60 + 500$	$628 := 2^4 + 18^1 + 18^1 + 24^2$	$= 24 + 181 + 181 + 242$
$628 := 1^4 + 5^4 + 7^0 + 49^0$	$= 14 + 54 + 70 + 490$	$628 := 2^4 + 3^1 + 24^2 + 33^1$	$= 24 + 31 + 242 + 331$
$628 := 1^4 + 5^4 + 8^0 + 48^0$	$= 14 + 54 + 80 + 480$	$628 := 2^4 + 4^1 + 24^2 + 32^1$	$= 24 + 41 + 242 + 321$

$628 := 2^4 + 5^1 + 24^2 + 31^1$	$= 24 + 51 + 242 + 311$	$628 := 1^1 + 4^3 + 16^1 + 18^1 + 23^2$	$= 11 + 43 + 161 + 181 + 232$
$628 := 2^4 + 6^1 + 24^2 + 30^1$	$= 24 + 61 + 242 + 301$	$628 := 1^1 + 4^3 + 17^1 + 17^1 + 23^2$	$= 11 + 43 + 171 + 171 + 232$
$628 := 2^4 + 7^1 + 24^2 + 29^1$	$= 24 + 71 + 242 + 291$	$628 := 1^1 + 4^3 + 7^1 + 23^2 + 27^1$	$= 11 + 43 + 71 + 232 + 271$
$628 := 2^4 + 8^1 + 24^2 + 28^1$	$= 24 + 81 + 242 + 281$	$628 := 1^1 + 4^3 + 8^1 + 23^2 + 26^1$	$= 11 + 43 + 81 + 232 + 261$
$628 := 2^4 + 9^1 + 24^2 + 27^1$	$= 24 + 91 + 242 + 271$	$628 := 1^1 + 4^3 + 9^1 + 23^2 + 25^1$	$= 11 + 43 + 91 + 232 + 251$
$628 := 2^5 + 17^0 + 19^1 + 24^2$	$= 25 + 170 + 191 + 242$	$628 := 1^1 + 5^2 + 16^2 + 18^2 + 22^1$	$= 11 + 52 + 162 + 182 + 221$
$628 := 3^2 + 8^2 + 8^3 + 43^1$	$= 32 + 82 + 83 + 431$	$628 := 1^1 + 6^2 + 13^2 + 20^2 + 22^1$	$= 11 + 62 + 132 + 202 + 221$
$628 := 3^4 + 8^3 + 17^0 + 34^1$	$= 34 + 83 + 170 + 341$	$628 := 1^1 + 6^2 + 6^2 + 23^2 + 26^1$	$= 11 + 62 + 62 + 232 + 261$
$628 := 3^5 + 17^0 + 19^2 + 23^1$	$= 35 + 170 + 192 + 231$	$628 := 1^1 + 6^3 + 11^2 + 17^2 + 27^0$	$= 11 + 63 + 112 + 172 + 270$
$628 := 4^4 + 7^3 + 23^0 + 28^1$	$= 44 + 73 + 230 + 281$	$628 := 1^1 + 7^2 + 14^2 + 19^2 + 21^1$	$= 11 + 72 + 142 + 192 + 211$
$628 := 5^2 + 7^2 + 8^3 + 42^1$	$= 52 + 72 + 83 + 421$	$628 := 1^1 + 8^2 + 10^2 + 21^2 + 22^1$	$= 11 + 82 + 102 + 212 + 221$
$628 := 5^2 + 7^3 + 15^2 + 35^1$	$= 52 + 73 + 152 + 351$	$628 := 1^2 + 1^2 + 15^2 + 20^2 + 25^0$	$= 12 + 12 + 152 + 202 + 250$
$628 := 1^0 + 1^4 + 15^2 + 20^2 + 25^0$	$= 10 + 14 + 152 + 202 + 250$	$628 := 1^2 + 11^2 + 12^2 + 19^0 + 19^2$	$= 12 + 112 + 122 + 190 + 192$
$628 := 1^0 + 2^4 + 10^1 + 24^2 + 25^1$	$= 10 + 24 + 101 + 242 + 251$	$628 := 1^2 + 3^2 + 16^2 + 19^2 + 23^0$	$= 12 + 32 + 162 + 192 + 230$
$628 := 1^0 + 2^4 + 11^1 + 24^1 + 24^2$	$= 10 + 24 + 111 + 241 + 242$	$628 := 1^2 + 3^3 + 11^0 + 23^1 + 24^2$	$= 12 + 33 + 110 + 231 + 242$
$628 := 1^0 + 2^4 + 12^1 + 23^1 + 24^2$	$= 10 + 24 + 121 + 231 + 242$	$628 := 1^2 + 4^2 + 13^2 + 21^2 + 23^0$	$= 12 + 42 + 132 + 212 + 230$
$628 := 1^0 + 2^4 + 13^1 + 22^1 + 24^2$	$= 10 + 24 + 131 + 221 + 242$	$628 := 1^2 + 4^2 + 9^2 + 23^2 + 25^0$	$= 12 + 42 + 92 + 232 + 250$
$628 := 1^0 + 2^4 + 13^2 + 21^2 + 25^0$	$= 10 + 24 + 132 + 212 + 250$	$628 := 1^2 + 5^2 + 5^2 + 24^2 + 27^0$	$= 12 + 52 + 52 + 242 + 270$
$628 := 1^0 + 2^4 + 14^1 + 21^1 + 24^2$	$= 10 + 24 + 141 + 211 + 242$	$628 := 1^2 + 5^3 + 17^0 + 17^1 + 22^2$	$= 12 + 53 + 170 + 171 + 222$
$628 := 1^0 + 2^4 + 15^1 + 20^1 + 24^2$	$= 10 + 24 + 151 + 201 + 242$	$628 := 1^2 + 6^3 + 10^1 + 20^2 + 25^0$	$= 12 + 63 + 101 + 202 + 250$
$628 := 1^0 + 2^4 + 16^1 + 19^1 + 24^2$	$= 10 + 24 + 161 + 191 + 242$	$628 := 1^2 + 7^3 + 11^0 + 16^2 + 27^1$	$= 12 + 73 + 110 + 162 + 271$
$628 := 1^0 + 2^4 + 17^1 + 18^1 + 24^2$	$= 10 + 24 + 171 + 181 + 242$	$628 := 1^2 + 8^2 + 11^2 + 21^0 + 21^2$	$= 12 + 82 + 112 + 210 + 212$
$628 := 1^0 + 2^4 + 8^1 + 24^2 + 27^1$	$= 10 + 24 + 81 + 242 + 271$	$628 := 1^2 + 9^2 + 16^2 + 17^2 + 19^0$	$= 12 + 92 + 162 + 172 + 190$
$628 := 1^0 + 2^4 + 9^1 + 24^2 + 26^1$	$= 10 + 24 + 91 + 242 + 261$	$628 := 1^3 + 11^0 + 13^2 + 16^1 + 21^2$	$= 13 + 110 + 132 + 161 + 212$
$628 := 1^0 + 2^4 + 9^2 + 23^2 + 27^0$	$= 10 + 24 + 92 + 232 + 270$	$628 := 1^3 + 13^0 + 13^1 + 17^2 + 18^2$	$= 13 + 130 + 131 + 172 + 182$
$628 := 1^0 + 2^5 + 17^0 + 18^1 + 24^2$	$= 10 + 25 + 170 + 181 + 242$	$628 := 1^3 + 5^2 + 7^0 + 24^2 + 25^1$	$= 13 + 52 + 70 + 242 + 251$
$628 := 1^0 + 3^4 + 16^2 + 17^2 + 25^0$	$= 10 + 34 + 162 + 172 + 250$	$628 := 1^3 + 6^2 + 14^1 + 17^0 + 24^2$	$= 13 + 62 + 141 + 170 + 242$
$628 := 1^0 + 3^5 + 17^0 + 19^2 + 22^1$	$= 10 + 35 + 170 + 192 + 221$	$628 := 1^3 + 7^0 + 11^2 + 21^1 + 22^2$	$= 13 + 70 + 112 + 211 + 222$
$628 := 1^0 + 4^4 + 7^3 + 23^0 + 27^1$	$= 10 + 44 + 73 + 230 + 271$	$628 := 1^3 + 9^1 + 16^2 + 17^0 + 19^2$	$= 13 + 91 + 162 + 170 + 192$
$628 := 1^1 + 1^3 + 15^2 + 20^2 + 25^0$	$= 11 + 13 + 152 + 202 + 250$	$628 := 1^3 + 9^2 + 13^0 + 16^1 + 23^2$	$= 13 + 92 + 130 + 161 + 232$
$628 := 1^1 + 3^4 + 16^1 + 19^0 + 23^2$	$= 11 + 34 + 161 + 190 + 232$	$628 := 1^4 + 10^0 + 15^2 + 16^0 + 20^2$	$= 14 + 100 + 152 + 160 + 202$
$628 := 1^1 + 4^3 + 10^1 + 23^2 + 24^1$	$= 11 + 43 + 101 + 232 + 241$	$628 := 1^4 + 11^0 + 15^0 + 15^2 + 20^2$	$= 14 + 110 + 150 + 152 + 202$
$628 := 1^1 + 4^3 + 11^1 + 23^1 + 23^2$	$= 11 + 43 + 111 + 231 + 232$	$628 := 1^4 + 12^0 + 14^0 + 15^2 + 20^2$	$= 14 + 120 + 140 + 152 + 202$
$628 := 1^1 + 4^3 + 11^2 + 21^2 + 25^0$	$= 11 + 43 + 112 + 212 + 250$	$628 := 1^4 + 13^0 + 13^0 + 15^2 + 20^2$	$= 14 + 130 + 130 + 152 + 202$
$628 := 1^1 + 4^3 + 12^1 + 22^1 + 23^2$	$= 11 + 43 + 121 + 221 + 232$	$628 := 1^4 + 2^0 + 15^2 + 20^2 + 24^0$	$= 14 + 20 + 152 + 202 + 240$
$628 := 1^1 + 4^3 + 13^1 + 21^1 + 23^2$	$= 11 + 43 + 131 + 211 + 232$	$628 := 1^4 + 3^0 + 15^2 + 20^2 + 23^0$	$= 14 + 30 + 152 + 202 + 230$
$628 := 1^1 + 4^3 + 14^1 + 20^1 + 23^2$	$= 11 + 43 + 141 + 201 + 232$	$628 := 1^4 + 3^0 + 7^2 + 24^2 + 27^0$	$= 14 + 30 + 72 + 242 + 270$
$628 := 1^1 + 4^3 + 15^1 + 19^1 + 23^2$	$= 11 + 43 + 151 + 191 + 232$	$628 := 1^4 + 4^0 + 15^2 + 20^2 + 22^0$	$= 14 + 40 + 152 + 202 + 220$

$$\begin{aligned}
 628 &:= 1^4 + 4^0 + 7^2 + 24^2 + 26^0 = 14 + 40 + 72 + 242 + 260 & 628 &:= 2^1 + 4^3 + 6^1 + 23^2 + 27^1 = 21 + 43 + 61 + 232 + 271 \\
 628 &:= 1^4 + 5^0 + 15^2 + 20^2 + 21^0 = 14 + 50 + 152 + 202 + 210 & 628 &:= 2^1 + 4^3 + 7^1 + 23^2 + 26^1 = 21 + 43 + 71 + 232 + 261 \\
 628 &:= 1^4 + 5^0 + 7^2 + 24^2 + 25^0 = 14 + 50 + 72 + 242 + 250 & 628 &:= 2^1 + 4^3 + 8^1 + 23^2 + 25^1 = 21 + 43 + 81 + 232 + 251 \\
 628 &:= 1^4 + 6^0 + 15^2 + 20^0 + 20^2 = 14 + 60 + 152 + 200 + 202 & 628 &:= 2^1 + 4^3 + 9^1 + 23^2 + 24^1 = 21 + 43 + 91 + 232 + 241 \\
 628 &:= 1^4 + 6^0 + 7^2 + 24^0 + 24^2 = 14 + 60 + 72 + 240 + 242 & 628 &:= 2^1 + 5^2 + 16^2 + 18^2 + 21^1 = 21 + 52 + 162 + 182 + 211 \\
 628 &:= 1^4 + 7^0 + 15^2 + 19^0 + 20^2 = 14 + 70 + 152 + 190 + 202 & 628 &:= 2^1 + 5^3 + 10^2 + 20^2 + 25^0 = 21 + 53 + 102 + 202 + 250 \\
 628 &:= 1^4 + 7^0 + 7^2 + 23^0 + 24^2 = 14 + 70 + 72 + 230 + 242 & 628 &:= 2^1 + 6^2 + 13^2 + 20^2 + 21^1 = 21 + 62 + 132 + 202 + 211 \\
 628 &:= 1^4 + 7^2 + 10^0 + 20^0 + 24^2 = 14 + 72 + 100 + 200 + 242 & 628 &:= 2^1 + 6^2 + 6^2 + 23^2 + 25^1 = 21 + 62 + 62 + 232 + 251 \\
 628 &:= 1^4 + 7^2 + 11^0 + 19^0 + 24^2 = 14 + 72 + 110 + 190 + 242 & 628 &:= 2^1 + 7^2 + 14^2 + 19^2 + 20^1 = 21 + 72 + 142 + 192 + 201 \\
 628 &:= 1^4 + 7^2 + 12^0 + 18^0 + 24^2 = 14 + 72 + 120 + 180 + 242 & 628 &:= 2^1 + 8^2 + 10^2 + 21^1 + 21^2 = 21 + 82 + 102 + 211 + 212 \\
 628 &:= 1^4 + 7^2 + 13^0 + 17^0 + 24^2 = 14 + 72 + 130 + 170 + 242 & 628 &:= 2^2 + 3^3 + 13^0 + 20^1 + 24^2 = 22 + 33 + 130 + 201 + 242 \\
 628 &:= 1^4 + 7^2 + 14^0 + 16^0 + 24^2 = 14 + 72 + 140 + 160 + 242 & 628 &:= 2^2 + 4^2 + 10^1 + 22^1 + 24^2 = 22 + 42 + 101 + 221 + 242 \\
 628 &:= 1^4 + 7^2 + 15^0 + 15^0 + 24^2 = 14 + 72 + 150 + 150 + 242 & 628 &:= 2^2 + 4^2 + 11^1 + 21^1 + 24^2 = 22 + 42 + 111 + 211 + 242 \\
 628 &:= 1^4 + 7^2 + 8^0 + 22^0 + 24^2 = 14 + 72 + 80 + 220 + 242 & 628 &:= 2^2 + 4^2 + 12^1 + 20^1 + 24^2 = 22 + 42 + 121 + 201 + 242 \\
 628 &:= 1^4 + 7^2 + 9^0 + 21^0 + 24^2 = 14 + 72 + 90 + 210 + 242 & 628 &:= 2^2 + 4^2 + 13^1 + 19^1 + 24^2 = 22 + 42 + 131 + 191 + 242 \\
 628 &:= 1^4 + 8^0 + 15^2 + 18^0 + 20^2 = 14 + 80 + 152 + 180 + 202 & 628 &:= 2^2 + 4^2 + 14^1 + 18^1 + 24^2 = 22 + 42 + 141 + 181 + 242 \\
 628 &:= 1^4 + 9^0 + 15^2 + 17^0 + 20^2 = 14 + 90 + 152 + 170 + 202 & 628 &:= 2^2 + 4^2 + 15^1 + 17^1 + 24^2 = 22 + 42 + 151 + 171 + 242 \\
 628 &:= 1^5 + 1^9 + 15^2 + 20^2 + 24^0 = 15 + 19 + 152 + 202 + 240 & 628 &:= 2^2 + 4^2 + 16^1 + 16^1 + 24^2 = 22 + 42 + 161 + 161 + 242 \\
 628 &:= 1^6 + 1^8 + 15^2 + 20^2 + 24^0 = 16 + 18 + 152 + 202 + 240 & 628 &:= 2^2 + 4^2 + 5^1 + 24^2 + 27^1 = 22 + 42 + 51 + 242 + 271 \\
 628 &:= 1^6 + 2^8 + 7^3 + 24^0 + 27^1 = 16 + 28 + 73 + 240 + 271 & 628 &:= 2^2 + 4^2 + 6^1 + 24^2 + 26^1 = 22 + 42 + 61 + 242 + 261 \\
 628 &:= 1^7 + 1^7 + 15^2 + 20^2 + 24^0 = 17 + 17 + 152 + 202 + 240 & 628 &:= 2^2 + 4^2 + 7^1 + 24^2 + 25^1 = 22 + 42 + 71 + 242 + 251 \\
 628 &:= 1^8 + 2^6 + 11^2 + 21^2 + 26^0 = 18 + 26 + 112 + 212 + 260 & 628 &:= 2^2 + 4^2 + 8^1 + 24^1 + 24^2 = 22 + 42 + 81 + 241 + 242 \\
 628 &:= 1^8 + 2^7 + 14^1 + 22^0 + 22^2 = 18 + 27 + 141 + 220 + 222 & 628 &:= 2^2 + 4^2 + 9^1 + 23^1 + 24^2 = 22 + 42 + 91 + 231 + 242 \\
 628 &:= 2^0 + 2^4 + 13^2 + 21^2 + 24^0 = 20 + 24 + 132 + 212 + 240 & 628 &:= 2^2 + 5^3 + 14^1 + 19^0 + 22^2 = 22 + 53 + 141 + 190 + 222 \\
 628 &:= 2^0 + 2^4 + 9^2 + 23^2 + 26^0 = 20 + 24 + 92 + 232 + 260 & 628 &:= 2^2 + 6^3 + 7^1 + 20^2 + 27^0 = 22 + 63 + 71 + 202 + 270 \\
 628 &:= 2^0 + 2^5 + 16^0 + 18^1 + 24^2 = 20 + 25 + 160 + 181 + 242 & 628 &:= 2^2 + 7^3 + 13^0 + 16^2 + 24^1 = 22 + 73 + 130 + 162 + 241 \\
 628 &:= 2^0 + 3^4 + 16^2 + 17^2 + 24^0 = 20 + 34 + 162 + 172 + 240 & 628 &:= 2^3 + 11^2 + 13^0 + 14^1 + 22^2 = 23 + 112 + 130 + 141 + 222 \\
 628 &:= 2^0 + 3^5 + 16^0 + 19^2 + 22^1 = 20 + 35 + 160 + 192 + 221 & 628 &:= 2^3 + 3^0 + 14^2 + 20^2 + 23^1 = 23 + 30 + 142 + 202 + 231 \\
 628 &:= 2^0 + 4^4 + 7^3 + 22^0 + 27^1 = 20 + 44 + 73 + 220 + 271 & 628 &:= 2^3 + 3^0 + 8^2 + 23^2 + 26^1 = 23 + 30 + 82 + 232 + 261 \\
 628 &:= 2^1 + 2^3 + 16^2 + 19^2 + 23^0 = 21 + 23 + 162 + 192 + 230 & 628 &:= 2^3 + 4^2 + 5^0 + 24^2 + 27^1 = 23 + 42 + 50 + 242 + 271 \\
 628 &:= 2^1 + 3^4 + 15^1 + 19^0 + 23^2 = 21 + 34 + 151 + 190 + 232 & 628 &:= 2^3 + 5^2 + 13^0 + 18^1 + 24^2 = 23 + 52 + 130 + 181 + 242 \\
 628 &:= 2^1 + 4^3 + 10^1 + 23^1 + 23^2 = 21 + 43 + 101 + 231 + 232 & 628 &:= 2^3 + 6^1 + 17^2 + 18^2 + 19^0 = 23 + 61 + 172 + 182 + 190 \\
 628 &:= 2^1 + 4^3 + 11^1 + 22^1 + 23^2 = 21 + 43 + 111 + 221 + 232 & 628 &:= 2^3 + 6^2 + 7^1 + 23^0 + 24^2 = 23 + 62 + 71 + 230 + 242 \\
 628 &:= 2^1 + 4^3 + 12^1 + 21^1 + 23^2 = 21 + 43 + 121 + 211 + 232 & 628 &:= 2^3 + 9^1 + 13^2 + 17^0 + 21^2 = 23 + 91 + 132 + 170 + 212 \\
 628 &:= 2^1 + 4^3 + 13^1 + 20^1 + 23^2 = 21 + 43 + 131 + 201 + 232 & 628 &:= 2^3 + 9^1 + 9^2 + 19^0 + 23^2 = 23 + 91 + 92 + 190 + 232 \\
 628 &:= 2^1 + 4^3 + 14^1 + 19^1 + 23^2 = 21 + 43 + 141 + 191 + 232 & 628 &:= 2^4 + 10^0 + 13^2 + 16^0 + 21^2 = 24 + 100 + 132 + 160 + 212 \\
 628 &:= 2^1 + 4^3 + 15^1 + 18^1 + 23^2 = 21 + 43 + 151 + 181 + 232 & 628 &:= 2^4 + 11^0 + 13^2 + 15^0 + 21^2 = 24 + 110 + 132 + 150 + 212 \\
 628 &:= 2^1 + 4^3 + 16^1 + 17^1 + 23^2 = 21 + 43 + 161 + 171 + 232 & 628 &:= 2^4 + 12^0 + 13^2 + 14^0 + 21^2 = 24 + 120 + 132 + 140 + 212
 \end{aligned}$$

$$\begin{aligned} 628 &:= 2^4 + 13^0 + 13^0 + 13^2 + 21^2 = 24 + 130 + 130 + 132 + 212 \\ 628 &:= 2^4 + 3^0 + 13^2 + 21^2 + 23^0 = 24 + 30 + 132 + 212 + 230 \\ 628 &:= 2^4 + 3^0 + 9^2 + 23^2 + 25^0 = 24 + 30 + 92 + 232 + 250 \\ 628 &:= 2^4 + 4^0 + 13^2 + 21^2 + 22^0 = 24 + 40 + 132 + 212 + 220 \\ 628 &:= 2^4 + 4^0 + 9^2 + 23^2 + 24^0 = 24 + 40 + 92 + 232 + 240 \\ 628 &:= 2^4 + 5^0 + 13^2 + 21^0 + 21^2 = 24 + 50 + 132 + 210 + 212 \\ 628 &:= 2^4 + 5^0 + 9^2 + 23^0 + 23^2 = 24 + 50 + 92 + 230 + 232 \\ 628 &:= 2^4 + 6^0 + 13^2 + 20^0 + 21^2 = 24 + 60 + 132 + 200 + 212 \\ 628 &:= 2^4 + 6^0 + 9^2 + 22^0 + 23^2 = 24 + 60 + 92 + 220 + 232 \\ 628 &:= 2^4 + 7^0 + 13^2 + 19^0 + 21^2 = 24 + 70 + 132 + 190 + 212 \\ 628 &:= 2^4 + 7^0 + 9^2 + 21^0 + 23^2 = 24 + 70 + 92 + 210 + 232 \\ 628 &:= 2^4 + 8^0 + 13^2 + 18^0 + 21^2 = 24 + 80 + 132 + 180 + 212 \\ 628 &:= 2^4 + 8^0 + 9^2 + 20^0 + 23^2 = 24 + 80 + 92 + 200 + 232 \\ 628 &:= 2^4 + 9^0 + 13^2 + 17^0 + 21^2 = 24 + 90 + 132 + 170 + 212 \\ 628 &:= 2^4 + 9^0 + 9^2 + 19^0 + 23^2 = 24 + 90 + 92 + 190 + 232 \\ 628 &:= 2^4 + 9^2 + 10^0 + 18^0 + 23^2 = 24 + 92 + 100 + 180 + 232 \\ 628 &:= 2^4 + 9^2 + 11^0 + 17^0 + 23^2 = 24 + 92 + 110 + 170 + 232 \\ 628 &:= 2^4 + 9^2 + 12^0 + 16^0 + 23^2 = 24 + 92 + 120 + 160 + 232 \\ 628 &:= 2^4 + 9^2 + 13^0 + 15^0 + 23^2 = 24 + 92 + 130 + 150 + 232 \\ 628 &:= 2^4 + 9^2 + 14^0 + 14^0 + 23^2 = 24 + 92 + 140 + 140 + 232 \\ 628 &:= 2^5 + 3^0 + 15^0 + 18^1 + 24^2 = 25 + 30 + 150 + 181 + 242 \\ 628 &:= 2^5 + 4^0 + 14^0 + 18^1 + 24^2 = 25 + 40 + 140 + 181 + 242 \\ 628 &:= 2^5 + 5^0 + 13^0 + 18^1 + 24^2 = 25 + 50 + 130 + 181 + 242 \\ 628 &:= 2^5 + 6^0 + 12^0 + 18^1 + 24^2 = 25 + 60 + 120 + 181 + 242 \\ 628 &:= 2^5 + 7^0 + 11^0 + 18^1 + 24^2 = 25 + 70 + 110 + 181 + 242 \\ 628 &:= 2^5 + 8^0 + 10^0 + 18^1 + 24^2 = 25 + 80 + 100 + 181 + 242 \\ 628 &:= 2^5 + 9^0 + 9^0 + 18^1 + 24^2 = 25 + 90 + 90 + 181 + 242 \\ 628 &:= 2^6 + 2^9 + 5^2 + 26^0 + 26^1 = 26 + 29 + 52 + 260 + 261 \\ 628 &:= 2^7 + 2^8 + 15^2 + 18^1 + 24^0 = 27 + 28 + 152 + 181 + 240 \\ 628 &:= 3^0 + 3^3 + 17^2 + 17^2 + 22^1 = 30 + 33 + 172 + 172 + 221 \\ 628 &:= 3^0 + 3^4 + 16^2 + 17^2 + 23^0 = 30 + 34 + 162 + 172 + 230 \\ 628 &:= 3^0 + 3^5 + 15^0 + 19^2 + 22^1 = 30 + 35 + 150 + 192 + 221 \\ 628 &:= 3^0 + 4^4 + 7^3 + 21^0 + 27^1 = 30 + 44 + 73 + 210 + 271 \\ 628 &:= 3^1 + 3^4 + 14^1 + 19^0 + 23^2 = 31 + 34 + 141 + 190 + 232 \\ 628 &:= 3^1 + 4^3 + 10^1 + 22^1 + 23^2 = 31 + 43 + 101 + 221 + 232 \\ 628 &:= 3^1 + 4^3 + 11^1 + 21^1 + 23^2 = 31 + 43 + 111 + 211 + 232 \\ 628 &:= 3^1 + 4^3 + 12^1 + 20^1 + 23^2 = 31 + 43 + 121 + 201 + 232 \\ 628 &:= 3^1 + 4^3 + 13^1 + 19^1 + 23^2 = 31 + 43 + 131 + 191 + 232 \end{aligned}$$

$$\begin{aligned} 628 &:= 3^1 + 4^3 + 14^1 + 18^1 + 23^2 = 31 + 43 + 141 + 181 + 232 \\ 628 &:= 3^1 + 4^3 + 15^1 + 17^1 + 23^2 = 31 + 43 + 151 + 171 + 232 \\ 628 &:= 3^1 + 4^3 + 16^1 + 16^1 + 23^2 = 31 + 43 + 161 + 161 + 232 \\ 628 &:= 3^1 + 4^3 + 5^1 + 23^2 + 27^1 = 31 + 43 + 51 + 232 + 271 \\ 628 &:= 3^1 + 4^3 + 6^1 + 23^2 + 26^1 = 31 + 43 + 61 + 232 + 261 \\ 628 &:= 3^1 + 4^3 + 7^1 + 23^2 + 25^1 = 31 + 43 + 71 + 232 + 251 \\ 628 &:= 3^1 + 4^3 + 8^1 + 23^2 + 24^1 = 31 + 43 + 81 + 232 + 241 \\ 628 &:= 3^1 + 4^3 + 9^1 + 23^1 + 23^2 = 31 + 43 + 91 + 231 + 232 \\ 628 &:= 3^1 + 5^2 + 16^2 + 18^2 + 20^1 = 31 + 52 + 162 + 182 + 201 \\ 628 &:= 3^1 + 6^2 + 13^2 + 20^1 + 20^2 = 31 + 62 + 132 + 201 + 202 \\ 628 &:= 3^1 + 6^2 + 6^2 + 23^2 + 24^1 = 31 + 62 + 62 + 232 + 241 \\ 628 &:= 3^1 + 7^2 + 14^2 + 19^1 + 19^2 = 31 + 72 + 142 + 191 + 192 \\ 628 &:= 3^1 + 8^2 + 10^2 + 20^1 + 21^2 = 31 + 82 + 102 + 201 + 212 \\ 628 &:= 3^2 + 3^3 + 15^1 + 17^0 + 24^2 = 32 + 33 + 151 + 170 + 242 \\ 628 &:= 3^2 + 4^3 + 7^0 + 23^2 + 25^1 = 32 + 43 + 70 + 232 + 251 \\ 628 &:= 3^2 + 4^4 + 10^0 + 19^2 + 26^0 = 32 + 44 + 100 + 192 + 260 \\ 628 &:= 3^2 + 4^4 + 11^0 + 19^2 + 25^0 = 32 + 44 + 110 + 192 + 250 \\ 628 &:= 3^2 + 4^4 + 12^0 + 19^2 + 24^0 = 32 + 44 + 120 + 192 + 240 \\ 628 &:= 3^2 + 4^4 + 13^0 + 19^2 + 23^0 = 32 + 44 + 130 + 192 + 230 \\ 628 &:= 3^2 + 4^4 + 14^0 + 19^2 + 22^0 = 32 + 44 + 140 + 192 + 220 \\ 628 &:= 3^2 + 4^4 + 15^0 + 19^2 + 21^0 = 32 + 44 + 150 + 192 + 210 \\ 628 &:= 3^2 + 4^4 + 16^0 + 19^2 + 20^0 = 32 + 44 + 160 + 192 + 200 \\ 628 &:= 3^2 + 4^4 + 17^0 + 19^0 + 19^2 = 32 + 44 + 170 + 190 + 192 \\ 628 &:= 3^2 + 4^4 + 18^0 + 18^0 + 19^2 = 32 + 44 + 180 + 180 + 192 \\ 628 &:= 3^2 + 4^4 + 9^0 + 19^2 + 27^0 = 32 + 44 + 90 + 192 + 270 \\ 628 &:= 3^2 + 5^2 + 8^2 + 23^0 + 23^2 = 32 + 52 + 82 + 230 + 232 \\ 628 &:= 3^2 + 5^3 + 9^1 + 22^2 + 23^0 = 32 + 53 + 91 + 222 + 230 \\ 628 &:= 3^2 + 7^2 + 13^2 + 19^0 + 20^2 = 32 + 72 + 132 + 190 + 202 \\ 628 &:= 3^2 + 7^3 + 16^2 + 17^0 + 19^1 = 32 + 73 + 162 + 170 + 191 \\ 628 &:= 3^2 + 8^3 + 9^2 + 17^0 + 25^1 = 32 + 83 + 92 + 170 + 251 \\ 628 &:= 3^3 + 10^2 + 11^0 + 16^1 + 22^2 = 33 + 102 + 110 + 161 + 222 \\ 628 &:= 3^3 + 11^0 + 12^2 + 15^1 + 21^2 = 33 + 110 + 122 + 151 + 212 \\ 628 &:= 3^3 + 11^0 + 14^1 + 15^2 + 19^2 = 33 + 110 + 141 + 152 + 192 \\ 628 &:= 3^3 + 4^1 + 14^2 + 20^2 + 21^0 = 33 + 41 + 142 + 202 + 210 \\ 628 &:= 3^3 + 4^2 + 8^1 + 23^0 + 24^2 = 33 + 42 + 81 + 230 + 242 \\ 628 &:= 3^3 + 5^0 + 16^2 + 18^2 + 20^1 = 33 + 50 + 162 + 182 + 201 \\ 628 &:= 3^3 + 7^0 + 7^2 + 22^1 + 23^2 = 33 + 70 + 72 + 221 + 232 \\ 628 &:= 3^3 + 7^1 + 8^2 + 21^0 + 23^2 = 33 + 71 + 82 + 210 + 232 \end{aligned}$$

$$\begin{aligned} 628 &:= 3^3 + 7^3 + 10^0 + 16^2 + 26^0 = 33 + 73 + 100 + 162 + 260 \\ 628 &:= 3^3 + 7^3 + 11^0 + 16^2 + 25^0 = 33 + 73 + 110 + 162 + 250 \\ 628 &:= 3^3 + 7^3 + 12^0 + 16^2 + 24^0 = 33 + 73 + 120 + 162 + 240 \\ 628 &:= 3^3 + 7^3 + 13^0 + 16^2 + 23^0 = 33 + 73 + 130 + 162 + 230 \\ 628 &:= 3^3 + 7^3 + 14^0 + 16^2 + 22^0 = 33 + 73 + 140 + 162 + 220 \\ 628 &:= 3^3 + 7^3 + 15^0 + 16^2 + 21^0 = 33 + 73 + 150 + 162 + 210 \\ 628 &:= 3^3 + 7^3 + 16^0 + 16^2 + 20^0 = 33 + 73 + 160 + 162 + 200 \\ 628 &:= 3^3 + 7^3 + 16^2 + 17^0 + 19^0 = 33 + 73 + 162 + 170 + 190 \\ 628 &:= 3^3 + 7^3 + 16^2 + 18^0 + 18^0 = 33 + 73 + 162 + 180 + 180 \\ 628 &:= 3^3 + 7^3 + 9^0 + 16^2 + 27^0 = 33 + 73 + 90 + 162 + 270 \\ 628 &:= 3^4 + 10^0 + 16^0 + 16^2 + 17^2 = 34 + 100 + 160 + 162 + 172 \\ 628 &:= 3^4 + 11^0 + 15^0 + 16^2 + 17^2 = 34 + 110 + 150 + 162 + 172 \\ 628 &:= 3^4 + 12^0 + 14^0 + 16^2 + 17^2 = 34 + 120 + 140 + 162 + 172 \\ 628 &:= 3^4 + 13^0 + 13^0 + 16^2 + 17^2 = 34 + 130 + 130 + 162 + 172 \\ 628 &:= 3^4 + 4^0 + 16^2 + 17^2 + 22^0 = 34 + 40 + 162 + 172 + 220 \\ 628 &:= 3^4 + 4^1 + 13^1 + 19^0 + 23^2 = 34 + 41 + 131 + 190 + 232 \\ 628 &:= 3^4 + 4^2 + 10^0 + 22^0 + 23^2 = 34 + 42 + 100 + 220 + 232 \\ 628 &:= 3^4 + 4^2 + 11^0 + 21^0 + 23^2 = 34 + 42 + 110 + 210 + 232 \\ 628 &:= 3^4 + 4^2 + 12^0 + 20^0 + 23^2 = 34 + 42 + 120 + 200 + 232 \\ 628 &:= 3^4 + 4^2 + 13^0 + 19^0 + 23^2 = 34 + 42 + 130 + 190 + 232 \\ 628 &:= 3^4 + 4^2 + 14^0 + 18^0 + 23^2 = 34 + 42 + 140 + 180 + 232 \\ 628 &:= 3^4 + 4^2 + 15^0 + 17^0 + 23^2 = 34 + 42 + 150 + 170 + 232 \\ 628 &:= 3^4 + 4^2 + 16^0 + 16^0 + 23^2 = 34 + 42 + 160 + 160 + 232 \\ 628 &:= 3^4 + 4^2 + 5^0 + 23^2 + 27^0 = 34 + 42 + 50 + 232 + 270 \\ 628 &:= 3^4 + 4^2 + 6^0 + 23^2 + 26^0 = 34 + 42 + 60 + 232 + 260 \\ 628 &:= 3^4 + 4^2 + 7^0 + 23^2 + 25^0 = 34 + 42 + 70 + 232 + 250 \\ 628 &:= 3^4 + 4^2 + 8^0 + 23^2 + 24^0 = 34 + 42 + 80 + 232 + 240 \\ 628 &:= 3^4 + 4^2 + 9^0 + 23^0 + 23^2 = 34 + 42 + 90 + 230 + 232 \\ 628 &:= 3^4 + 5^0 + 16^2 + 17^2 + 21^0 = 34 + 50 + 162 + 172 + 210 \\ 628 &:= 3^4 + 5^1 + 12^1 + 19^0 + 23^2 = 34 + 51 + 121 + 190 + 232 \\ 628 &:= 3^4 + 6^0 + 16^2 + 17^2 + 20^0 = 34 + 60 + 162 + 172 + 200 \\ 628 &:= 3^4 + 6^1 + 11^1 + 19^0 + 23^2 = 34 + 61 + 111 + 190 + 232 \\ 628 &:= 3^4 + 7^0 + 16^2 + 17^2 + 19^0 = 34 + 70 + 162 + 172 + 190 \\ 628 &:= 3^4 + 7^1 + 10^1 + 19^0 + 23^2 = 34 + 71 + 101 + 190 + 232 \\ 628 &:= 3^4 + 8^0 + 16^2 + 17^2 + 18^0 = 34 + 80 + 162 + 172 + 180 \\ 628 &:= 3^4 + 8^1 + 9^1 + 19^0 + 23^2 = 34 + 81 + 91 + 190 + 232 \\ 628 &:= 3^4 + 9^0 + 16^2 + 17^0 + 17^2 = 34 + 90 + 162 + 170 + 172 \\ 628 &:= 3^5 + 4^0 + 14^0 + 19^2 + 22^1 = 35 + 40 + 140 + 192 + 221 \end{aligned}$$

$$\begin{aligned} 628 &:= 3^5 + 5^0 + 13^0 + 19^2 + 22^1 = 35 + 50 + 130 + 192 + 221 \\ 628 &:= 3^5 + 6^0 + 12^0 + 19^2 + 22^1 = 35 + 60 + 120 + 192 + 221 \\ 628 &:= 3^5 + 7^0 + 11^0 + 19^2 + 22^1 = 35 + 70 + 110 + 192 + 221 \\ 628 &:= 3^5 + 8^0 + 10^0 + 19^2 + 22^1 = 35 + 80 + 100 + 192 + 221 \\ 628 &:= 3^5 + 9^0 + 9^0 + 19^2 + 22^1 = 35 + 90 + 90 + 192 + 221 \\ 628 &:= 4^0 + 4^4 + 7^3 + 20^0 + 27^1 = 40 + 44 + 73 + 200 + 271 \\ 628 &:= 4^1 + 4^1 + 4^3 + 23^2 + 27^1 = 41 + 41 + 43 + 232 + 271 \\ 628 &:= 4^1 + 4^3 + 10^1 + 21^1 + 23^2 = 41 + 43 + 101 + 211 + 232 \\ 628 &:= 4^1 + 4^3 + 11^1 + 20^1 + 23^2 = 41 + 43 + 111 + 201 + 232 \\ 628 &:= 4^1 + 4^3 + 12^1 + 19^1 + 23^2 = 41 + 43 + 121 + 191 + 232 \\ 628 &:= 4^1 + 4^3 + 13^1 + 18^1 + 23^2 = 41 + 43 + 131 + 181 + 232 \\ 628 &:= 4^1 + 4^3 + 14^1 + 17^1 + 23^2 = 41 + 43 + 141 + 171 + 232 \\ 628 &:= 4^1 + 4^3 + 15^1 + 16^1 + 23^2 = 41 + 43 + 151 + 161 + 232 \\ 628 &:= 4^1 + 4^3 + 5^1 + 23^2 + 26^1 = 41 + 43 + 51 + 232 + 261 \\ 628 &:= 4^1 + 4^3 + 6^1 + 23^2 + 25^1 = 41 + 43 + 61 + 232 + 251 \\ 628 &:= 4^1 + 4^3 + 7^1 + 23^2 + 24^1 = 41 + 43 + 71 + 232 + 241 \\ 628 &:= 4^1 + 4^3 + 8^1 + 23^1 + 23^2 = 41 + 43 + 81 + 231 + 232 \\ 628 &:= 4^1 + 4^3 + 9^1 + 22^1 + 23^2 = 41 + 43 + 91 + 221 + 232 \\ 628 &:= 4^1 + 5^2 + 16^2 + 18^2 + 19^1 = 41 + 52 + 162 + 182 + 191 \\ 628 &:= 4^1 + 6^2 + 13^2 + 19^1 + 20^2 = 41 + 62 + 132 + 191 + 202 \\ 628 &:= 4^1 + 6^2 + 6^2 + 23^1 + 23^2 = 41 + 62 + 62 + 231 + 232 \\ 628 &:= 4^1 + 7^2 + 14^2 + 18^1 + 19^2 = 41 + 72 + 142 + 181 + 192 \\ 628 &:= 4^1 + 8^2 + 10^2 + 19^1 + 21^2 = 41 + 82 + 102 + 191 + 212 \\ 628 &:= 4^2 + 4^3 + 13^0 + 18^1 + 23^2 = 42 + 43 + 130 + 181 + 232 \\ 628 &:= 4^2 + 5^2 + 15^2 + 19^0 + 19^2 = 42 + 52 + 152 + 190 + 192 \\ 628 &:= 4^2 + 7^2 + 11^2 + 19^0 + 21^2 = 42 + 72 + 112 + 190 + 212 \\ 628 &:= 4^2 + 7^3 + 12^1 + 16^2 + 23^0 = 42 + 73 + 121 + 162 + 230 \\ 628 &:= 4^2 + 8^3 + 9^2 + 18^1 + 23^0 = 42 + 83 + 92 + 181 + 230 \\ 628 &:= 4^2 + 9^2 + 13^2 + 17^0 + 19^2 = 42 + 92 + 132 + 170 + 192 \\ 628 &:= 4^3 + 10^1 + 10^1 + 15^1 + 23^2 = 43 + 101 + 101 + 151 + 232 \\ 628 &:= 4^3 + 10^1 + 11^1 + 14^1 + 23^2 = 43 + 101 + 111 + 141 + 232 \\ 628 &:= 4^3 + 10^1 + 12^1 + 13^1 + 23^2 = 43 + 101 + 121 + 131 + 232 \\ 628 &:= 4^3 + 11^0 + 14^1 + 15^2 + 18^2 = 43 + 110 + 141 + 152 + 182 \\ 628 &:= 4^3 + 11^1 + 11^1 + 13^1 + 23^2 = 43 + 111 + 111 + 131 + 232 \\ 628 &:= 4^3 + 11^1 + 12^1 + 12^1 + 23^2 = 43 + 111 + 121 + 121 + 232 \\ 628 &:= 4^3 + 5^0 + 10^2 + 21^2 + 22^1 = 43 + 50 + 102 + 212 + 221 \\ 628 &:= 4^3 + 5^1 + 10^1 + 20^1 + 23^2 = 43 + 51 + 101 + 201 + 232 \\ 628 &:= 4^3 + 5^1 + 11^1 + 19^1 + 23^2 = 43 + 51 + 111 + 191 + 232 \end{aligned}$$

$$\begin{aligned} 628 &:= 4^3 + 5^1 + 12^1 + 18^1 + 23^2 = 43 + 51 + 121 + 181 + 232 \\ 628 &:= 4^3 + 5^1 + 13^1 + 17^1 + 23^2 = 43 + 51 + 131 + 171 + 232 \\ 628 &:= 4^3 + 5^1 + 14^1 + 16^1 + 23^2 = 43 + 51 + 141 + 161 + 232 \\ 628 &:= 4^3 + 5^1 + 15^1 + 15^1 + 23^2 = 43 + 51 + 151 + 151 + 232 \\ 628 &:= 4^3 + 5^1 + 5^1 + 23^2 + 25^1 = 43 + 51 + 51 + 232 + 251 \\ 628 &:= 4^3 + 5^1 + 6^1 + 23^2 + 24^1 = 43 + 51 + 61 + 232 + 241 \\ 628 &:= 4^3 + 5^1 + 7^1 + 23^1 + 23^2 = 43 + 51 + 71 + 231 + 232 \\ 628 &:= 4^3 + 5^1 + 8^1 + 22^1 + 23^2 = 43 + 51 + 81 + 221 + 232 \\ 628 &:= 4^3 + 5^1 + 9^1 + 21^1 + 23^2 = 43 + 51 + 91 + 211 + 232 \\ 628 &:= 4^3 + 5^2 + 9^1 + 21^0 + 23^2 = 43 + 52 + 91 + 210 + 232 \\ 628 &:= 4^3 + 6^1 + 10^1 + 19^1 + 23^2 = 43 + 61 + 101 + 191 + 232 \\ 628 &:= 4^3 + 6^1 + 11^1 + 18^1 + 23^2 = 43 + 61 + 111 + 181 + 232 \\ 628 &:= 4^3 + 6^1 + 12^1 + 17^1 + 23^2 = 43 + 61 + 121 + 171 + 232 \\ 628 &:= 4^3 + 6^1 + 13^1 + 16^1 + 23^2 = 43 + 61 + 131 + 161 + 232 \\ 628 &:= 4^3 + 6^1 + 14^1 + 15^1 + 23^2 = 43 + 61 + 141 + 151 + 232 \\ 628 &:= 4^3 + 6^1 + 14^2 + 19^0 + 19^2 = 43 + 61 + 142 + 190 + 192 \\ 628 &:= 4^3 + 6^1 + 6^1 + 23^1 + 23^2 = 43 + 61 + 61 + 231 + 232 \\ 628 &:= 4^3 + 6^1 + 7^1 + 22^1 + 23^2 = 43 + 61 + 71 + 221 + 232 \\ 628 &:= 4^3 + 6^1 + 8^1 + 21^1 + 23^2 = 43 + 61 + 81 + 211 + 232 \\ 628 &:= 4^3 + 6^1 + 9^1 + 20^1 + 23^2 = 43 + 61 + 91 + 201 + 232 \\ 628 &:= 4^3 + 7^0 + 12^2 + 19^1 + 20^2 = 43 + 70 + 122 + 191 + 202 \\ 628 &:= 4^3 + 7^0 + 16^2 + 17^2 + 18^1 = 43 + 70 + 162 + 172 + 181 \\ 628 &:= 4^3 + 7^1 + 10^1 + 18^1 + 23^2 = 43 + 71 + 101 + 181 + 232 \\ 628 &:= 4^3 + 7^1 + 11^1 + 17^1 + 23^2 = 43 + 71 + 111 + 171 + 232 \\ 628 &:= 4^3 + 7^1 + 12^1 + 16^1 + 23^2 = 43 + 71 + 121 + 161 + 232 \\ 628 &:= 4^3 + 7^1 + 13^1 + 15^1 + 23^2 = 43 + 71 + 131 + 151 + 232 \\ 628 &:= 4^3 + 7^1 + 14^1 + 14^1 + 23^2 = 43 + 71 + 141 + 141 + 232 \\ 628 &:= 4^3 + 7^1 + 7^1 + 21^1 + 23^2 = 43 + 71 + 71 + 211 + 232 \\ 628 &:= 4^3 + 7^1 + 8^1 + 20^1 + 23^2 = 43 + 71 + 81 + 201 + 232 \\ 628 &:= 4^3 + 7^1 + 9^1 + 19^1 + 23^2 = 43 + 71 + 91 + 191 + 232 \\ 628 &:= 4^3 + 8^1 + 10^1 + 17^1 + 23^2 = 43 + 81 + 101 + 171 + 232 \\ 628 &:= 4^3 + 8^1 + 11^1 + 16^1 + 23^2 = 43 + 81 + 111 + 161 + 232 \\ 628 &:= 4^3 + 8^1 + 12^1 + 15^1 + 23^2 = 43 + 81 + 121 + 151 + 232 \\ 628 &:= 4^3 + 8^1 + 13^1 + 14^1 + 23^2 = 43 + 81 + 131 + 141 + 232 \\ 628 &:= 4^3 + 8^1 + 8^1 + 19^1 + 23^2 = 43 + 81 + 81 + 191 + 232 \\ 628 &:= 4^3 + 8^1 + 9^1 + 18^1 + 23^2 = 43 + 81 + 91 + 181 + 232 \\ 628 &:= 4^3 + 8^2 + 13^0 + 15^1 + 22^2 = 43 + 82 + 130 + 151 + 222 \\ 628 &:= 4^3 + 9^1 + 10^1 + 16^1 + 23^2 = 43 + 91 + 101 + 161 + 232 \end{aligned}$$

$$\begin{aligned} 628 &:= 4^3 + 9^1 + 11^1 + 15^1 + 23^2 = 43 + 91 + 111 + 151 + 232 \\ 628 &:= 4^3 + 9^1 + 12^1 + 14^1 + 23^2 = 43 + 91 + 121 + 141 + 232 \\ 628 &:= 4^3 + 9^1 + 13^1 + 13^1 + 23^2 = 43 + 91 + 131 + 131 + 232 \\ 628 &:= 4^3 + 9^1 + 9^1 + 17^1 + 23^2 = 43 + 91 + 91 + 171 + 232 \\ 628 &:= 4^4 + 5^0 + 7^3 + 19^0 + 27^1 = 44 + 50 + 73 + 190 + 271 \\ 628 &:= 4^4 + 5^0 + 9^2 + 17^2 + 27^0 = 44 + 50 + 92 + 172 + 270 \\ 628 &:= 4^4 + 6^0 + 7^3 + 18^0 + 27^1 = 44 + 60 + 73 + 180 + 271 \\ 628 &:= 4^4 + 6^0 + 9^2 + 17^2 + 26^0 = 44 + 60 + 92 + 172 + 260 \\ 628 &:= 4^4 + 7^0 + 7^3 + 17^0 + 27^1 = 44 + 70 + 73 + 170 + 271 \\ 628 &:= 4^4 + 7^0 + 9^2 + 17^2 + 25^0 = 44 + 70 + 92 + 172 + 250 \\ 628 &:= 4^4 + 7^3 + 10^0 + 14^0 + 27^1 = 44 + 73 + 100 + 140 + 271 \\ 628 &:= 4^4 + 7^3 + 11^0 + 13^0 + 27^1 = 44 + 73 + 110 + 130 + 271 \\ 628 &:= 4^4 + 7^3 + 12^0 + 12^0 + 27^1 = 44 + 73 + 120 + 120 + 271 \\ 628 &:= 4^4 + 7^3 + 8^0 + 16^0 + 27^1 = 44 + 73 + 80 + 160 + 271 \\ 628 &:= 4^4 + 7^3 + 9^0 + 15^0 + 27^1 = 44 + 73 + 90 + 150 + 271 \\ 628 &:= 4^4 + 8^0 + 9^2 + 17^2 + 24^0 = 44 + 80 + 92 + 172 + 240 \\ 628 &:= 4^4 + 9^0 + 9^2 + 17^2 + 23^0 = 44 + 90 + 92 + 172 + 230 \\ 628 &:= 4^4 + 9^2 + 10^0 + 17^2 + 22^0 = 44 + 92 + 100 + 172 + 220 \\ 628 &:= 4^4 + 9^2 + 11^0 + 17^2 + 21^0 = 44 + 92 + 110 + 172 + 210 \\ 628 &:= 4^4 + 9^2 + 12^0 + 17^2 + 20^0 = 44 + 92 + 120 + 172 + 200 \\ 628 &:= 4^4 + 9^2 + 13^0 + 17^2 + 19^0 = 44 + 92 + 130 + 172 + 190 \\ 628 &:= 4^4 + 9^2 + 14^0 + 17^2 + 18^0 = 44 + 92 + 140 + 172 + 180 \\ 628 &:= 4^4 + 9^2 + 15^0 + 17^0 + 17^2 = 44 + 92 + 150 + 170 + 172 \\ 628 &:= 4^4 + 9^2 + 16^0 + 16^0 + 17^2 = 44 + 92 + 160 + 160 + 172 \\ 628 &:= 5^0 + 5^3 + 15^2 + 16^2 + 21^1 = 50 + 53 + 152 + 162 + 211 \\ 628 &:= 5^0 + 5^3 + 6^2 + 21^2 + 25^1 = 50 + 53 + 62 + 212 + 251 \\ 628 &:= 5^1 + 5^2 + 16^2 + 18^1 + 18^2 = 51 + 52 + 162 + 181 + 182 \\ 628 &:= 5^1 + 6^2 + 13^2 + 18^1 + 20^2 = 51 + 62 + 132 + 181 + 202 \\ 628 &:= 5^1 + 6^2 + 6^2 + 22^1 + 23^2 = 51 + 62 + 62 + 221 + 232 \\ 628 &:= 5^1 + 7^2 + 14^2 + 17^1 + 19^2 = 51 + 72 + 142 + 171 + 192 \\ 628 &:= 5^1 + 8^2 + 10^2 + 18^1 + 21^2 = 51 + 82 + 102 + 181 + 212 \\ 628 &:= 5^2 + 10^1 + 13^1 + 16^2 + 18^2 = 52 + 101 + 131 + 162 + 182 \\ 628 &:= 5^2 + 11^1 + 12^1 + 16^2 + 18^2 = 52 + 111 + 121 + 162 + 182 \\ 628 &:= 5^2 + 11^2 + 15^0 + 15^2 + 16^2 = 52 + 112 + 150 + 152 + 162 \\ 628 &:= 5^2 + 12^2 + 13^2 + 15^0 + 17^2 = 52 + 122 + 132 + 150 + 172 \\ 628 &:= 5^2 + 6^1 + 16^2 + 17^1 + 18^2 = 52 + 61 + 162 + 171 + 182 \\ 628 &:= 5^2 + 6^3 + 7^0 + 19^2 + 25^1 = 52 + 63 + 70 + 192 + 251 \\ 628 &:= 5^2 + 7^1 + 16^1 + 16^2 + 18^2 = 52 + 71 + 161 + 162 + 182 \end{aligned}$$

$$\begin{aligned}
 628 &:= 5^2 + 8^1 + 15^1 + 16^2 + 18^2 = 52 + 81 + 151 + 162 + 182 \\
 628 &:= 5^2 + 8^2 + 8^3 + 15^0 + 26^1 = 52 + 82 + 83 + 150 + 261 \\
 628 &:= 5^2 + 9^1 + 14^1 + 16^2 + 18^2 = 52 + 91 + 141 + 162 + 182 \\
 628 &:= 5^2 + 9^2 + 11^2 + 17^0 + 20^2 = 52 + 92 + 112 + 170 + 202 \\
 628 &:= 5^3 + 7^0 + 11^2 + 19^2 + 20^1 = 53 + 70 + 112 + 192 + 201 \\
 628 &:= 5^3 + 7^0 + 9^2 + 20^2 + 21^1 = 53 + 70 + 92 + 202 + 211 \\
 628 &:= 5^3 + 7^2 + 12^1 + 17^0 + 21^2 = 53 + 72 + 121 + 170 + 212 \\
 628 &:= 5^3 + 9^0 + 14^2 + 17^1 + 17^2 = 53 + 90 + 142 + 171 + 172 \\
 628 &:= 5^3 + 9^1 + 13^2 + 17^0 + 18^2 = 53 + 91 + 132 + 170 + 182 \\
 628 &:= 6^1 + 6^2 + 13^2 + 17^1 + 20^2 = 61 + 62 + 132 + 171 + 202 \\
 628 &:= 6^1 + 6^2 + 6^2 + 21^1 + 23^2 = 61 + 62 + 62 + 211 + 232 \\
 628 &:= 6^1 + 6^3 + 9^2 + 18^2 + 23^0 = 61 + 63 + 92 + 182 + 230 \\
 628 &:= 6^1 + 7^2 + 14^2 + 16^1 + 19^2 = 61 + 72 + 142 + 161 + 192 \\
 628 &:= 6^1 + 8^2 + 10^2 + 17^1 + 21^2 = 61 + 82 + 102 + 171 + 212 \\
 628 &:= 6^2 + 10^1 + 13^1 + 13^2 + 20^2 = 62 + 101 + 131 + 132 + 202 \\
 628 &:= 6^2 + 11^1 + 12^1 + 13^2 + 20^2 = 62 + 111 + 121 + 132 + 202 \\
 628 &:= 6^2 + 6^2 + 10^1 + 17^1 + 23^2 = 62 + 62 + 101 + 171 + 232 \\
 628 &:= 6^2 + 6^2 + 11^1 + 16^1 + 23^2 = 62 + 62 + 111 + 161 + 232 \\
 628 &:= 6^2 + 6^2 + 12^1 + 15^1 + 23^2 = 62 + 62 + 121 + 151 + 232 \\
 628 &:= 6^2 + 6^2 + 13^1 + 14^1 + 23^2 = 62 + 62 + 131 + 141 + 232 \\
 628 &:= 6^2 + 6^2 + 7^1 + 20^1 + 23^2 = 62 + 62 + 71 + 201 + 232 \\
 628 &:= 6^2 + 6^2 + 8^1 + 19^1 + 23^2 = 62 + 62 + 81 + 191 + 232 \\
 628 &:= 6^2 + 6^2 + 9^1 + 18^1 + 23^2 = 62 + 62 + 91 + 181 + 232 \\
 628 &:= 6^2 + 6^3 + 14^1 + 17^0 + 19^2 = 62 + 63 + 141 + 170 + 192 \\
 628 &:= 6^2 + 7^1 + 13^2 + 16^1 + 20^2 = 62 + 71 + 132 + 161 + 202 \\
 628 &:= 6^2 + 7^3 + 11^0 + 15^2 + 23^1 = 62 + 73 + 110 + 152 + 231 \\
 628 &:= 6^2 + 8^1 + 13^2 + 15^1 + 20^2 = 62 + 81 + 132 + 151 + 202 \\
 628 &:= 6^2 + 8^2 + 8^3 + 15^1 + 25^0 = 62 + 82 + 83 + 151 + 250
 \end{aligned}$$

$$\begin{aligned}
 628 &:= 6^2 + 9^1 + 13^2 + 14^1 + 20^2 = 62 + 91 + 132 + 141 + 202 \\
 628 &:= 6^3 + 11^0 + 13^2 + 15^2 + 17^1 = 63 + 110 + 132 + 152 + 171 \\
 628 &:= 6^3 + 11^1 + 12^2 + 16^2 + 17^0 = 63 + 111 + 122 + 162 + 170 \\
 628 &:= 6^3 + 7^0 + 10^2 + 17^2 + 22^1 = 63 + 70 + 102 + 172 + 221 \\
 628 &:= 6^3 + 7^0 + 8^2 + 18^2 + 23^1 = 63 + 70 + 82 + 182 + 231 \\
 628 &:= 6^3 + 9^0 + 14^2 + 14^2 + 19^1 = 63 + 90 + 142 + 142 + 191 \\
 628 &:= 7^1 + 7^2 + 14^2 + 15^1 + 19^2 = 71 + 72 + 142 + 151 + 192 \\
 628 &:= 7^1 + 7^3 + 9^2 + 14^2 + 25^0 = 71 + 73 + 92 + 142 + 250 \\
 628 &:= 7^1 + 8^2 + 10^2 + 16^1 + 21^2 = 71 + 82 + 102 + 161 + 212 \\
 628 &:= 7^2 + 10^1 + 12^1 + 14^2 + 19^2 = 72 + 101 + 121 + 142 + 192 \\
 628 &:= 7^2 + 11^1 + 11^1 + 14^2 + 19^2 = 72 + 111 + 111 + 142 + 192 \\
 628 &:= 7^2 + 7^2 + 8^3 + 17^1 + 23^0 = 72 + 72 + 83 + 171 + 230 \\
 628 &:= 7^2 + 7^3 + 10^1 + 15^2 + 23^0 = 72 + 73 + 101 + 152 + 230 \\
 628 &:= 7^2 + 8^1 + 14^1 + 14^2 + 19^2 = 72 + 81 + 141 + 142 + 192 \\
 628 &:= 7^2 + 8^2 + 15^0 + 15^2 + 17^2 = 72 + 82 + 150 + 152 + 172 \\
 628 &:= 7^2 + 9^1 + 13^1 + 14^2 + 19^2 = 72 + 91 + 131 + 142 + 192 \\
 628 &:= 7^3 + 10^2 + 13^2 + 15^1 + 17^0 = 73 + 102 + 132 + 151 + 170 \\
 628 &:= 7^3 + 11^2 + 12^2 + 13^0 + 19^1 = 73 + 112 + 122 + 130 + 191 \\
 628 &:= 7^3 + 8^2 + 9^0 + 14^2 + 24^1 = 73 + 82 + 90 + 142 + 241 \\
 628 &:= 8^1 + 8^2 + 10^2 + 15^1 + 21^2 = 81 + 82 + 102 + 151 + 212 \\
 628 &:= 8^2 + 10^1 + 10^2 + 13^1 + 21^2 = 82 + 101 + 102 + 131 + 212 \\
 628 &:= 8^2 + 10^2 + 11^1 + 12^1 + 21^2 = 82 + 102 + 111 + 121 + 212 \\
 628 &:= 8^2 + 13^0 + 13^2 + 13^2 + 15^2 = 82 + 130 + 132 + 132 + 152 \\
 628 &:= 8^2 + 9^1 + 10^2 + 14^1 + 21^2 = 82 + 91 + 102 + 141 + 212 \\
 628 &:= 8^2 + 9^2 + 11^2 + 15^0 + 19^2 = 82 + 92 + 112 + 150 + 192 \\
 628 &:= 9^2 + 11^2 + 13^0 + 13^2 + 16^2 = 92 + 112 + 130 + 132 + 162
 \end{aligned}$$

2.2.530 Number 629

$$\begin{aligned}
 629 &:= 1^4 + 2^1 + 5^4 + 54^0 = 14 + 21 + 54 + 540 \\
 629 &:= 1^6 + 2^1 + 25^2 + 34^0 = 16 + 21 + 252 + 340 \\
 629 &:= 2^0 + 2^6 + 23^2 + 35^1 = 20 + 26 + 232 + 351 \\
 629 &:= 2^4 + 8^3 + 10^2 + 42^0 = 24 + 83 + 102 + 420 \\
 629 &:= 2^5 + 14^2 + 20^2 + 26^0 = 25 + 142 + 202 + 260 \\
 629 &:= 2^6 + 2^8 + 4^4 + 53^1 = 26 + 28 + 44 + 531 \\
 629 &:= 3^5 + 7^3 + 10^0 + 42^1 = 35 + 73 + 100 + 421 \\
 629 &:= 1^0 + 1^7 + 10^0 + 25^0 + 25^2 = 10 + 17 + 100 + 250 + 252
 \end{aligned}$$

$$\begin{aligned}
 629 &:= 1^0 + 1^7 + 11^0 + 24^0 + 25^2 = 10 + 17 + 110 + 240 + 252 \\
 629 &:= 1^0 + 1^7 + 12^0 + 23^0 + 25^2 = 10 + 17 + 120 + 230 + 252 \\
 629 &:= 1^0 + 1^7 + 13^0 + 22^0 + 25^2 = 10 + 17 + 130 + 220 + 252 \\
 629 &:= 1^0 + 1^7 + 14^0 + 21^0 + 25^2 = 10 + 17 + 140 + 210 + 252 \\
 629 &:= 1^0 + 1^7 + 15^0 + 20^0 + 25^2 = 10 + 17 + 150 + 200 + 252 \\
 629 &:= 1^0 + 1^7 + 16^0 + 19^0 + 25^2 = 10 + 17 + 160 + 190 + 252 \\
 629 &:= 1^0 + 1^7 + 17^0 + 18^0 + 25^2 = 10 + 17 + 170 + 180 + 252 \\
 629 &:= 1^0 + 1^7 + 8^0 + 25^2 + 27^0 = 10 + 17 + 80 + 252 + 270
 \end{aligned}$$

$$\begin{aligned} 629 &:= 1^0 + 1^7 + 9^0 + 25^2 + 26^0 = 10 + 17 + 90 + 252 + 260 \\ 629 &:= 1^1 + 1^6 + 10^0 + 25^0 + 25^2 = 11 + 16 + 100 + 250 + 252 \\ 629 &:= 1^1 + 1^6 + 11^0 + 24^0 + 25^2 = 11 + 16 + 110 + 240 + 252 \\ 629 &:= 1^1 + 1^6 + 12^0 + 23^0 + 25^2 = 11 + 16 + 120 + 230 + 252 \\ 629 &:= 1^1 + 1^6 + 13^0 + 22^0 + 25^2 = 11 + 16 + 130 + 220 + 252 \\ 629 &:= 1^1 + 1^6 + 14^0 + 21^0 + 25^2 = 11 + 16 + 140 + 210 + 252 \\ 629 &:= 1^1 + 1^6 + 15^0 + 20^0 + 25^2 = 11 + 16 + 150 + 200 + 252 \\ 629 &:= 1^1 + 1^6 + 16^0 + 19^0 + 25^2 = 11 + 16 + 160 + 190 + 252 \\ 629 &:= 1^1 + 1^6 + 17^0 + 18^0 + 25^2 = 11 + 16 + 170 + 180 + 252 \\ 629 &:= 1^1 + 1^6 + 8^0 + 25^2 + 27^0 = 11 + 16 + 80 + 252 + 270 \\ 629 &:= 1^1 + 1^6 + 9^0 + 25^2 + 26^0 = 11 + 16 + 90 + 252 + 260 \\ 629 &:= 1^1 + 2^5 + 16^0 + 19^1 + 24^2 = 11 + 25 + 160 + 191 + 242 \\ 629 &:= 1^1 + 3^5 + 16^0 + 19^2 + 23^1 = 11 + 35 + 160 + 192 + 231 \\ 629 &:= 1^2 + 1^5 + 10^0 + 25^0 + 25^2 = 12 + 15 + 100 + 250 + 252 \\ 629 &:= 1^2 + 1^5 + 11^0 + 24^0 + 25^2 = 12 + 15 + 110 + 240 + 252 \\ 629 &:= 1^2 + 1^5 + 12^0 + 23^0 + 25^2 = 12 + 15 + 120 + 230 + 252 \\ 629 &:= 1^2 + 1^5 + 13^0 + 22^0 + 25^2 = 12 + 15 + 130 + 220 + 252 \\ 629 &:= 1^2 + 1^5 + 14^0 + 21^0 + 25^2 = 12 + 15 + 140 + 210 + 252 \\ 629 &:= 1^2 + 1^5 + 15^0 + 20^0 + 25^2 = 12 + 15 + 150 + 200 + 252 \\ 629 &:= 1^2 + 1^5 + 16^0 + 19^0 + 25^2 = 12 + 15 + 160 + 190 + 252 \\ 629 &:= 1^2 + 1^5 + 17^0 + 18^0 + 25^2 = 12 + 15 + 170 + 180 + 252 \\ 629 &:= 1^2 + 1^5 + 8^0 + 25^2 + 27^0 = 12 + 15 + 80 + 252 + 270 \\ 629 &:= 1^2 + 1^5 + 9^0 + 25^2 + 26^0 = 12 + 15 + 90 + 252 + 260 \\ 629 &:= 1^2 + 3^4 + 17^1 + 18^0 + 23^2 = 12 + 34 + 171 + 180 + 232 \\ 629 &:= 1^3 + 1^4 + 10^0 + 25^0 + 25^2 = 13 + 14 + 100 + 250 + 252 \\ 629 &:= 1^3 + 1^4 + 11^0 + 24^0 + 25^2 = 13 + 14 + 110 + 240 + 252 \\ 629 &:= 1^3 + 1^4 + 12^0 + 23^0 + 25^2 = 13 + 14 + 120 + 230 + 252 \\ 629 &:= 1^3 + 1^4 + 13^0 + 22^0 + 25^2 = 13 + 14 + 130 + 220 + 252 \\ 629 &:= 1^3 + 1^4 + 14^0 + 21^0 + 25^2 = 13 + 14 + 140 + 210 + 252 \\ 629 &:= 1^3 + 1^4 + 15^0 + 20^0 + 25^2 = 13 + 14 + 150 + 200 + 252 \\ 629 &:= 1^3 + 1^4 + 16^0 + 19^0 + 25^2 = 13 + 14 + 160 + 190 + 252 \\ 629 &:= 1^3 + 1^4 + 17^0 + 18^0 + 25^2 = 13 + 14 + 170 + 180 + 252 \\ 629 &:= 1^3 + 1^4 + 8^0 + 25^2 + 27^0 = 13 + 14 + 80 + 252 + 270 \\ 629 &:= 1^3 + 1^4 + 9^0 + 25^2 + 26^0 = 13 + 14 + 90 + 252 + 260 \\ 629 &:= 1^3 + 13^2 + 13^2 + 17^2 + 18^0 = 13 + 132 + 132 + 172 + 180 \\ 629 &:= 1^3 + 3^3 + 10^0 + 24^1 + 24^2 = 13 + 33 + 100 + 241 + 242 \\ 629 &:= 1^3 + 5^3 + 16^0 + 18^1 + 22^2 = 13 + 53 + 160 + 181 + 222 \\ 629 &:= 1^3 + 6^3 + 11^1 + 20^2 + 24^0 = 13 + 63 + 111 + 202 + 240 \end{aligned}$$

$$\begin{aligned} 629 &:= 1^3 + 7^2 + 17^2 + 17^2 + 20^0 = 13 + 72 + 172 + 172 + 200 \\ 629 &:= 1^3 + 7^2 + 7^2 + 23^2 + 24^0 = 13 + 72 + 72 + 232 + 240 \\ 629 &:= 1^4 + 10^0 + 13^2 + 17^1 + 21^2 = 14 + 100 + 132 + 171 + 212 \\ 629 &:= 1^4 + 10^1 + 16^0 + 16^2 + 19^2 = 14 + 101 + 160 + 162 + 192 \\ 629 &:= 1^4 + 12^0 + 14^1 + 17^2 + 18^2 = 14 + 120 + 141 + 172 + 182 \\ 629 &:= 1^4 + 2^1 + 15^2 + 20^2 + 24^0 = 14 + 21 + 152 + 202 + 240 \\ 629 &:= 1^4 + 5^2 + 6^0 + 24^2 + 26^1 = 14 + 52 + 60 + 242 + 261 \\ 629 &:= 1^4 + 6^0 + 11^2 + 22^1 + 22^2 = 14 + 60 + 112 + 221 + 222 \\ 629 &:= 1^4 + 6^2 + 15^1 + 16^0 + 24^2 = 14 + 62 + 151 + 160 + 242 \\ 629 &:= 1^4 + 9^2 + 12^0 + 17^1 + 23^2 = 14 + 92 + 120 + 171 + 232 \\ 629 &:= 1^5 + 2^0 + 5^4 + 27^0 + 27^0 = 15 + 20 + 54 + 270 + 270 \\ 629 &:= 1^5 + 3^0 + 5^4 + 26^0 + 27^0 = 15 + 30 + 54 + 260 + 270 \\ 629 &:= 1^5 + 4^0 + 5^4 + 25^0 + 27^0 = 15 + 40 + 54 + 250 + 270 \\ 629 &:= 1^5 + 4^0 + 5^4 + 26^0 + 26^0 = 15 + 40 + 54 + 260 + 260 \\ 629 &:= 1^5 + 5^0 + 5^4 + 24^0 + 27^0 = 15 + 50 + 54 + 240 + 270 \\ 629 &:= 1^5 + 5^0 + 5^4 + 25^0 + 26^0 = 15 + 50 + 54 + 250 + 260 \\ 629 &:= 1^5 + 5^4 + 10^0 + 19^0 + 27^0 = 15 + 54 + 100 + 190 + 270 \\ 629 &:= 1^5 + 5^4 + 10^0 + 20^0 + 26^0 = 15 + 54 + 100 + 200 + 260 \\ 629 &:= 1^5 + 5^4 + 10^0 + 21^0 + 25^0 = 15 + 54 + 100 + 210 + 250 \\ 629 &:= 1^5 + 5^4 + 10^0 + 22^0 + 24^0 = 15 + 54 + 100 + 220 + 240 \\ 629 &:= 1^5 + 5^4 + 10^0 + 23^0 + 23^0 = 15 + 54 + 100 + 230 + 230 \\ 629 &:= 1^5 + 5^4 + 11^0 + 18^0 + 27^0 = 15 + 54 + 110 + 180 + 270 \\ 629 &:= 1^5 + 5^4 + 11^0 + 19^0 + 26^0 = 15 + 54 + 110 + 190 + 260 \\ 629 &:= 1^5 + 5^4 + 11^0 + 20^0 + 25^0 = 15 + 54 + 110 + 200 + 250 \\ 629 &:= 1^5 + 5^4 + 11^0 + 21^0 + 24^0 = 15 + 54 + 110 + 210 + 240 \\ 629 &:= 1^5 + 5^4 + 11^0 + 22^0 + 23^0 = 15 + 54 + 110 + 220 + 230 \\ 629 &:= 1^5 + 5^4 + 12^0 + 17^0 + 27^0 = 15 + 54 + 120 + 170 + 270 \\ 629 &:= 1^5 + 5^4 + 12^0 + 18^0 + 26^0 = 15 + 54 + 120 + 180 + 260 \\ 629 &:= 1^5 + 5^4 + 12^0 + 19^0 + 25^0 = 15 + 54 + 120 + 190 + 250 \\ 629 &:= 1^5 + 5^4 + 12^0 + 20^0 + 24^0 = 15 + 54 + 120 + 200 + 240 \\ 629 &:= 1^5 + 5^4 + 12^0 + 21^0 + 23^0 = 15 + 54 + 120 + 210 + 230 \\ 629 &:= 1^5 + 5^4 + 12^0 + 22^0 + 22^0 = 15 + 54 + 120 + 220 + 220 \\ 629 &:= 1^5 + 5^4 + 13^0 + 16^0 + 27^0 = 15 + 54 + 130 + 160 + 270 \\ 629 &:= 1^5 + 5^4 + 13^0 + 17^0 + 26^0 = 15 + 54 + 130 + 170 + 260 \\ 629 &:= 1^5 + 5^4 + 13^0 + 18^0 + 25^0 = 15 + 54 + 130 + 180 + 250 \\ 629 &:= 1^5 + 5^4 + 13^0 + 19^0 + 24^0 = 15 + 54 + 130 + 190 + 240 \\ 629 &:= 1^5 + 5^4 + 13^0 + 20^0 + 23^0 = 15 + 54 + 130 + 200 + 230 \\ 629 &:= 1^5 + 5^4 + 13^0 + 21^0 + 22^0 = 15 + 54 + 130 + 210 + 220 \end{aligned}$$

$$\begin{aligned} 629 &:= 1^5 + 5^4 + 14^0 + 15^0 + 27^0 = 15 + 54 + 140 + 150 + 270 & 629 &:= 1^7 + 1^8 + 5^4 + 27^0 + 27^0 = 17 + 18 + 54 + 270 + 270 \\ 629 &:= 1^5 + 5^4 + 14^0 + 16^0 + 26^0 = 15 + 54 + 140 + 160 + 260 & 629 &:= 1^7 + 10^0 + 10^0 + 16^0 + 25^2 = 17 + 100 + 100 + 160 + 252 \\ 629 &:= 1^5 + 5^4 + 14^0 + 17^0 + 25^0 = 15 + 54 + 140 + 170 + 250 & 629 &:= 1^7 + 10^0 + 11^0 + 15^0 + 25^2 = 17 + 100 + 110 + 150 + 252 \\ 629 &:= 1^5 + 5^4 + 14^0 + 18^0 + 24^0 = 15 + 54 + 140 + 180 + 240 & 629 &:= 1^7 + 10^0 + 12^0 + 14^0 + 25^2 = 17 + 100 + 120 + 140 + 252 \\ 629 &:= 1^5 + 5^4 + 14^0 + 19^0 + 23^0 = 15 + 54 + 140 + 190 + 230 & 629 &:= 1^7 + 10^0 + 13^0 + 13^0 + 25^2 = 17 + 100 + 130 + 130 + 252 \\ 629 &:= 1^5 + 5^4 + 14^0 + 20^0 + 22^0 = 15 + 54 + 140 + 200 + 220 & 629 &:= 1^7 + 11^0 + 11^0 + 14^0 + 25^2 = 17 + 110 + 110 + 140 + 252 \\ 629 &:= 1^5 + 5^4 + 14^0 + 21^0 + 21^0 = 15 + 54 + 140 + 210 + 210 & 629 &:= 1^7 + 11^0 + 12^0 + 13^0 + 25^2 = 17 + 110 + 120 + 130 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 15^0 + 26^0 = 15 + 54 + 150 + 150 + 260 & 629 &:= 1^7 + 12^0 + 12^0 + 12^0 + 25^2 = 17 + 120 + 120 + 120 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 16^0 + 25^0 = 15 + 54 + 150 + 160 + 250 & 629 &:= 1^7 + 2^0 + 10^0 + 24^0 + 25^2 = 17 + 20 + 100 + 240 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 17^0 + 24^0 = 15 + 54 + 150 + 170 + 240 & 629 &:= 1^7 + 2^0 + 11^0 + 23^0 + 25^2 = 17 + 20 + 110 + 230 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 18^0 + 23^0 = 15 + 54 + 150 + 180 + 230 & 629 &:= 1^7 + 2^0 + 12^0 + 22^0 + 25^2 = 17 + 20 + 120 + 220 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 19^0 + 22^0 = 15 + 54 + 150 + 190 + 220 & 629 &:= 1^7 + 2^0 + 13^0 + 21^0 + 25^2 = 17 + 20 + 130 + 210 + 252 \\ 629 &:= 1^5 + 5^4 + 15^0 + 20^0 + 21^0 = 15 + 54 + 150 + 200 + 210 & 629 &:= 1^7 + 2^0 + 14^0 + 20^0 + 25^2 = 17 + 20 + 140 + 200 + 252 \\ 629 &:= 1^5 + 5^4 + 16^0 + 16^0 + 24^0 = 15 + 54 + 160 + 160 + 240 & 629 &:= 1^7 + 2^0 + 15^0 + 19^0 + 25^2 = 17 + 20 + 150 + 190 + 252 \\ 629 &:= 1^5 + 5^4 + 16^0 + 17^0 + 23^0 = 15 + 54 + 160 + 170 + 230 & 629 &:= 1^7 + 2^0 + 16^0 + 18^0 + 25^2 = 17 + 20 + 160 + 180 + 252 \\ 629 &:= 1^5 + 5^4 + 16^0 + 18^0 + 22^0 = 15 + 54 + 160 + 180 + 220 & 629 &:= 1^7 + 2^0 + 17^0 + 17^0 + 25^2 = 17 + 20 + 170 + 170 + 252 \\ 629 &:= 1^5 + 5^4 + 16^0 + 19^0 + 21^0 = 15 + 54 + 160 + 190 + 210 & 629 &:= 1^7 + 2^0 + 7^0 + 25^2 + 27^0 = 17 + 20 + 70 + 252 + 270 \\ 629 &:= 1^5 + 5^4 + 16^0 + 20^0 + 20^0 = 15 + 54 + 160 + 200 + 200 & 629 &:= 1^7 + 2^0 + 8^0 + 25^2 + 26^0 = 17 + 20 + 80 + 252 + 260 \\ 629 &:= 1^5 + 5^4 + 17^0 + 17^0 + 22^0 = 15 + 54 + 170 + 170 + 220 & 629 &:= 1^7 + 2^0 + 9^0 + 25^0 + 25^2 = 17 + 20 + 90 + 250 + 252 \\ 629 &:= 1^5 + 5^4 + 17^0 + 18^0 + 21^0 = 15 + 54 + 170 + 180 + 210 & 629 &:= 1^7 + 3^0 + 10^0 + 23^0 + 25^2 = 17 + 30 + 100 + 230 + 252 \\ 629 &:= 1^5 + 5^4 + 17^0 + 19^0 + 20^0 = 15 + 54 + 170 + 190 + 200 & 629 &:= 1^7 + 3^0 + 11^0 + 22^0 + 25^2 = 17 + 30 + 110 + 220 + 252 \\ 629 &:= 1^5 + 5^4 + 18^0 + 18^0 + 20^0 = 15 + 54 + 180 + 180 + 200 & 629 &:= 1^7 + 3^0 + 12^0 + 21^0 + 25^2 = 17 + 30 + 120 + 210 + 252 \\ 629 &:= 1^5 + 5^4 + 18^0 + 19^0 + 19^0 = 15 + 54 + 180 + 190 + 190 & 629 &:= 1^7 + 3^0 + 13^0 + 20^0 + 25^2 = 17 + 30 + 130 + 200 + 252 \\ 629 &:= 1^5 + 5^4 + 6^0 + 23^0 + 27^0 = 15 + 54 + 60 + 230 + 270 & 629 &:= 1^7 + 3^0 + 14^0 + 19^0 + 25^2 = 17 + 30 + 140 + 190 + 252 \\ 629 &:= 1^5 + 5^4 + 6^0 + 24^0 + 26^0 = 15 + 54 + 60 + 240 + 260 & 629 &:= 1^7 + 3^0 + 15^0 + 18^0 + 25^2 = 17 + 30 + 150 + 180 + 252 \\ 629 &:= 1^5 + 5^4 + 6^0 + 25^0 + 25^0 = 15 + 54 + 60 + 250 + 250 & 629 &:= 1^7 + 3^0 + 16^0 + 17^0 + 25^2 = 17 + 30 + 160 + 170 + 252 \\ 629 &:= 1^5 + 5^4 + 7^0 + 22^0 + 27^0 = 15 + 54 + 70 + 220 + 270 & 629 &:= 1^7 + 3^0 + 6^0 + 25^2 + 27^0 = 17 + 30 + 60 + 252 + 270 \\ 629 &:= 1^5 + 5^4 + 7^0 + 23^0 + 26^0 = 15 + 54 + 70 + 230 + 260 & 629 &:= 1^7 + 3^0 + 7^0 + 25^2 + 26^0 = 17 + 30 + 70 + 252 + 260 \\ 629 &:= 1^5 + 5^4 + 7^0 + 24^0 + 25^0 = 15 + 54 + 70 + 240 + 250 & 629 &:= 1^7 + 3^0 + 8^0 + 25^0 + 25^2 = 17 + 30 + 80 + 250 + 252 \\ 629 &:= 1^5 + 5^4 + 8^0 + 21^0 + 27^0 = 15 + 54 + 80 + 210 + 270 & 629 &:= 1^7 + 3^0 + 9^0 + 24^0 + 25^2 = 17 + 30 + 90 + 240 + 252 \\ 629 &:= 1^5 + 5^4 + 8^0 + 22^0 + 26^0 = 15 + 54 + 80 + 220 + 260 & 629 &:= 1^7 + 4^0 + 10^0 + 22^0 + 25^2 = 17 + 40 + 100 + 220 + 252 \\ 629 &:= 1^5 + 5^4 + 8^0 + 23^0 + 25^0 = 15 + 54 + 80 + 230 + 250 & 629 &:= 1^7 + 4^0 + 11^0 + 21^0 + 25^2 = 17 + 40 + 110 + 210 + 252 \\ 629 &:= 1^5 + 5^4 + 8^0 + 24^0 + 24^0 = 15 + 54 + 80 + 240 + 240 & 629 &:= 1^7 + 4^0 + 12^0 + 20^0 + 25^2 = 17 + 40 + 120 + 200 + 252 \\ 629 &:= 1^5 + 5^4 + 9^0 + 20^0 + 27^0 = 15 + 54 + 90 + 200 + 270 & 629 &:= 1^7 + 4^0 + 13^0 + 19^0 + 25^2 = 17 + 40 + 130 + 190 + 252 \\ 629 &:= 1^5 + 5^4 + 9^0 + 21^0 + 26^0 = 15 + 54 + 90 + 210 + 260 & 629 &:= 1^7 + 4^0 + 14^0 + 18^0 + 25^2 = 17 + 40 + 140 + 180 + 252 \\ 629 &:= 1^5 + 5^4 + 9^0 + 22^0 + 25^0 = 15 + 54 + 90 + 220 + 250 & 629 &:= 1^7 + 4^0 + 15^0 + 17^0 + 25^2 = 17 + 40 + 150 + 170 + 252 \\ 629 &:= 1^5 + 5^4 + 9^0 + 23^0 + 24^0 = 15 + 54 + 90 + 230 + 240 & 629 &:= 1^7 + 4^0 + 16^0 + 16^0 + 25^2 = 17 + 40 + 160 + 160 + 252 \\ 629 &:= 1^6 + 1^9 + 5^4 + 27^0 + 27^0 = 16 + 19 + 54 + 270 + 270 & 629 &:= 1^7 + 4^0 + 5^0 + 25^2 + 27^0 = 17 + 40 + 50 + 252 + 270 \end{aligned}$$

$$\begin{aligned} 629 &:= 1^7 + 4^0 + 6^0 + 25^2 + 26^0 = 17 + 40 + 60 + 252 + 260 & 629 &:= 1^7 + 8^0 + 8^0 + 20^0 + 25^2 = 17 + 80 + 80 + 200 + 252 \\ 629 &:= 1^7 + 4^0 + 7^0 + 25^0 + 25^2 = 17 + 40 + 70 + 250 + 252 & 629 &:= 1^7 + 8^0 + 9^0 + 19^0 + 25^2 = 17 + 80 + 90 + 190 + 252 \\ 629 &:= 1^7 + 4^0 + 8^0 + 24^0 + 25^2 = 17 + 40 + 80 + 240 + 252 & 629 &:= 1^7 + 9^0 + 10^0 + 17^0 + 25^2 = 17 + 90 + 100 + 170 + 252 \\ 629 &:= 1^7 + 4^0 + 9^0 + 23^0 + 25^2 = 17 + 40 + 90 + 230 + 252 & 629 &:= 1^7 + 9^0 + 11^0 + 16^0 + 25^2 = 17 + 90 + 110 + 160 + 252 \\ 629 &:= 1^7 + 5^0 + 10^0 + 21^0 + 25^2 = 17 + 50 + 100 + 210 + 252 & 629 &:= 1^7 + 9^0 + 12^0 + 15^0 + 25^2 = 17 + 90 + 120 + 150 + 252 \\ 629 &:= 1^7 + 5^0 + 11^0 + 20^0 + 25^2 = 17 + 50 + 110 + 200 + 252 & 629 &:= 1^7 + 9^0 + 13^0 + 14^0 + 25^2 = 17 + 90 + 130 + 140 + 252 \\ 629 &:= 1^7 + 5^0 + 12^0 + 19^0 + 25^2 = 17 + 50 + 120 + 190 + 252 & 629 &:= 1^7 + 9^0 + 9^0 + 18^0 + 25^2 = 17 + 90 + 90 + 180 + 252 \\ 629 &:= 1^7 + 5^0 + 13^0 + 18^0 + 25^2 = 17 + 50 + 130 + 180 + 252 & 629 &:= 1^8 + 1^9 + 10^0 + 24^0 + 25^2 = 18 + 19 + 100 + 240 + 252 \\ 629 &:= 1^7 + 5^0 + 14^0 + 17^0 + 25^2 = 17 + 50 + 140 + 170 + 252 & 629 &:= 1^8 + 1^9 + 11^0 + 23^0 + 25^2 = 18 + 19 + 110 + 230 + 252 \\ 629 &:= 1^7 + 5^0 + 15^0 + 16^0 + 25^2 = 17 + 50 + 150 + 160 + 252 & 629 &:= 1^8 + 1^9 + 12^0 + 22^0 + 25^2 = 18 + 19 + 120 + 220 + 252 \\ 629 &:= 1^7 + 5^0 + 5^0 + 25^2 + 26^0 = 17 + 50 + 50 + 252 + 260 & 629 &:= 1^8 + 1^9 + 13^0 + 21^0 + 25^2 = 18 + 19 + 130 + 210 + 252 \\ 629 &:= 1^7 + 5^0 + 6^0 + 25^0 + 25^2 = 17 + 50 + 60 + 250 + 252 & 629 &:= 1^8 + 1^9 + 14^0 + 20^0 + 25^2 = 18 + 19 + 140 + 200 + 252 \\ 629 &:= 1^7 + 5^0 + 7^0 + 24^0 + 25^2 = 17 + 50 + 70 + 240 + 252 & 629 &:= 1^8 + 1^9 + 15^0 + 19^0 + 25^2 = 18 + 19 + 150 + 190 + 252 \\ 629 &:= 1^7 + 5^0 + 8^0 + 23^0 + 25^2 = 17 + 50 + 80 + 230 + 252 & 629 &:= 1^8 + 1^9 + 16^0 + 18^0 + 25^2 = 18 + 19 + 160 + 180 + 252 \\ 629 &:= 1^7 + 5^0 + 9^0 + 22^0 + 25^2 = 17 + 50 + 90 + 220 + 252 & 629 &:= 1^8 + 1^9 + 17^0 + 17^0 + 25^2 = 18 + 19 + 170 + 170 + 252 \\ 629 &:= 1^7 + 6^0 + 10^0 + 20^0 + 25^2 = 17 + 60 + 100 + 200 + 252 & 629 &:= 1^8 + 1^9 + 7^0 + 25^2 + 27^0 = 18 + 19 + 70 + 252 + 270 \\ 629 &:= 1^7 + 6^0 + 11^0 + 19^0 + 25^2 = 17 + 60 + 110 + 190 + 252 & 629 &:= 1^8 + 1^9 + 8^0 + 25^2 + 26^0 = 18 + 19 + 80 + 252 + 260 \\ 629 &:= 1^7 + 6^0 + 12^0 + 18^0 + 25^2 = 17 + 60 + 120 + 180 + 252 & 629 &:= 1^8 + 1^9 + 9^0 + 25^0 + 25^2 = 18 + 19 + 90 + 250 + 252 \\ 629 &:= 1^7 + 6^0 + 13^0 + 17^0 + 25^2 = 17 + 60 + 130 + 170 + 252 & 629 &:= 1^9 + 2^6 + 10^1 + 23^2 + 25^1 = 19 + 26 + 101 + 232 + 251 \\ 629 &:= 1^7 + 6^0 + 14^0 + 16^0 + 25^2 = 17 + 60 + 140 + 160 + 252 & 629 &:= 1^9 + 2^6 + 11^1 + 23^2 + 24^1 = 19 + 26 + 111 + 232 + 241 \\ 629 &:= 1^7 + 6^0 + 15^0 + 15^0 + 25^2 = 17 + 60 + 150 + 150 + 252 & 629 &:= 1^9 + 2^6 + 12^1 + 23^1 + 23^2 = 19 + 26 + 121 + 231 + 232 \\ 629 &:= 1^7 + 6^0 + 6^0 + 24^0 + 25^2 = 17 + 60 + 60 + 240 + 252 & 629 &:= 1^9 + 2^6 + 13^1 + 22^1 + 23^2 = 19 + 26 + 131 + 221 + 232 \\ 629 &:= 1^7 + 6^0 + 7^0 + 23^0 + 25^2 = 17 + 60 + 70 + 230 + 252 & 629 &:= 1^9 + 2^6 + 14^1 + 21^1 + 23^2 = 19 + 26 + 141 + 211 + 232 \\ 629 &:= 1^7 + 6^0 + 8^0 + 22^0 + 25^2 = 17 + 60 + 80 + 220 + 252 & 629 &:= 1^9 + 2^6 + 15^1 + 20^1 + 23^2 = 19 + 26 + 151 + 201 + 232 \\ 629 &:= 1^7 + 6^0 + 9^0 + 21^0 + 25^2 = 17 + 60 + 90 + 210 + 252 & 629 &:= 1^9 + 2^6 + 16^1 + 19^1 + 23^2 = 19 + 26 + 161 + 191 + 232 \\ 629 &:= 1^7 + 7^0 + 10^0 + 19^0 + 25^2 = 17 + 70 + 100 + 190 + 252 & 629 &:= 1^9 + 2^6 + 17^1 + 18^1 + 23^2 = 19 + 26 + 171 + 181 + 232 \\ 629 &:= 1^7 + 7^0 + 11^0 + 18^0 + 25^2 = 17 + 70 + 110 + 180 + 252 & 629 &:= 1^9 + 2^6 + 8^1 + 23^2 + 27^1 = 19 + 26 + 81 + 232 + 271 \\ 629 &:= 1^7 + 7^0 + 12^0 + 17^0 + 25^2 = 17 + 70 + 120 + 170 + 252 & 629 &:= 1^9 + 2^6 + 9^1 + 23^2 + 26^1 = 19 + 26 + 91 + 232 + 261 \\ 629 &:= 1^7 + 7^0 + 13^0 + 16^0 + 25^2 = 17 + 70 + 130 + 160 + 252 & 629 &:= 1^9 + 2^7 + 15^1 + 21^0 + 22^2 = 19 + 27 + 151 + 210 + 222 \\ 629 &:= 1^7 + 7^0 + 14^0 + 15^0 + 25^2 = 17 + 70 + 140 + 150 + 252 & 629 &:= 2^0 + 3^4 + 11^2 + 20^2 + 26^1 = 20 + 34 + 112 + 202 + 261 \\ 629 &:= 1^7 + 7^0 + 7^0 + 22^0 + 25^2 = 17 + 70 + 70 + 220 + 252 & 629 &:= 2^1 + 2^4 + 13^2 + 21^2 + 24^0 = 21 + 24 + 132 + 212 + 240 \\ 629 &:= 1^7 + 7^0 + 8^0 + 21^0 + 25^2 = 17 + 70 + 80 + 210 + 252 & 629 &:= 2^1 + 2^4 + 9^2 + 23^2 + 26^0 = 21 + 24 + 92 + 232 + 260 \\ 629 &:= 1^7 + 7^0 + 9^0 + 20^0 + 25^2 = 17 + 70 + 90 + 200 + 252 & 629 &:= 2^1 + 2^5 + 16^0 + 18^1 + 24^2 = 21 + 25 + 160 + 181 + 242 \\ 629 &:= 1^7 + 8^0 + 10^0 + 18^0 + 25^2 = 17 + 80 + 100 + 180 + 252 & 629 &:= 2^1 + 3^4 + 16^2 + 17^2 + 24^0 = 21 + 34 + 162 + 172 + 240 \\ 629 &:= 1^7 + 8^0 + 11^0 + 17^0 + 25^2 = 17 + 80 + 110 + 170 + 252 & 629 &:= 2^1 + 3^5 + 16^0 + 19^2 + 22^1 = 21 + 35 + 160 + 192 + 221 \\ 629 &:= 1^7 + 8^0 + 12^0 + 16^0 + 25^2 = 17 + 80 + 120 + 160 + 252 & 629 &:= 2^1 + 4^4 + 7^3 + 22^0 + 27^1 = 21 + 44 + 73 + 220 + 271 \\ 629 &:= 1^7 + 8^0 + 13^0 + 15^0 + 25^2 = 17 + 80 + 130 + 150 + 252 & 629 &:= 2^2 + 3^4 + 14^1 + 20^0 + 23^2 = 22 + 34 + 141 + 200 + 232 \\ 629 &:= 1^7 + 8^0 + 14^0 + 14^0 + 25^2 = 17 + 80 + 140 + 140 + 252 & 629 &:= 2^3 + 10^2 + 14^2 + 18^0 + 18^2 = 23 + 102 + 142 + 180 + 182 \end{aligned}$$

$$\begin{aligned} 629 &:= 2^3 + 3^3 + 16^0 + 17^1 + 24^2 = 23 + 33 + 160 + 171 + 242 \\ 629 &:= 2^3 + 4^3 + 6^0 + 23^2 + 27^1 = 23 + 43 + 60 + 232 + 271 \\ 629 &:= 2^3 + 5^3 + 11^1 + 22^0 + 22^2 = 23 + 53 + 111 + 220 + 222 \\ 629 &:= 2^3 + 6^2 + 10^2 + 22^0 + 22^2 = 23 + 62 + 102 + 220 + 222 \\ 629 &:= 2^3 + 7^3 + 16^0 + 16^2 + 21^1 = 23 + 73 + 160 + 162 + 211 \\ 629 &:= 2^3 + 8^3 + 9^2 + 16^0 + 27^1 = 23 + 83 + 92 + 160 + 271 \\ 629 &:= 2^4 + 10^0 + 14^2 + 16^1 + 20^2 = 24 + 100 + 142 + 161 + 202 \\ 629 &:= 2^4 + 3^2 + 6^0 + 24^2 + 27^1 = 24 + 32 + 60 + 242 + 271 \\ 629 &:= 2^4 + 4^2 + 12^0 + 20^1 + 24^2 = 24 + 42 + 120 + 201 + 242 \\ 629 &:= 2^4 + 5^2 + 11^1 + 20^0 + 24^2 = 24 + 52 + 111 + 200 + 242 \\ 629 &:= 2^4 + 7^1 + 11^2 + 20^0 + 22^2 = 24 + 71 + 112 + 200 + 222 \\ 629 &:= 2^4 + 8^2 + 10^0 + 19^1 + 23^2 = 24 + 82 + 100 + 191 + 232 \\ 629 &:= 2^5 + 10^1 + 10^1 + 16^0 + 24^2 = 25 + 101 + 101 + 160 + 242 \\ 629 &:= 2^5 + 3^1 + 16^0 + 17^1 + 24^2 = 25 + 31 + 160 + 171 + 242 \\ 629 &:= 2^5 + 4^1 + 16^0 + 16^1 + 24^2 = 25 + 41 + 160 + 161 + 242 \\ 629 &:= 2^5 + 5^1 + 15^1 + 16^0 + 24^2 = 25 + 51 + 151 + 160 + 242 \\ 629 &:= 2^5 + 6^1 + 14^1 + 16^0 + 24^2 = 25 + 61 + 141 + 160 + 242 \\ 629 &:= 2^5 + 7^1 + 13^1 + 16^0 + 24^2 = 25 + 71 + 131 + 160 + 242 \\ 629 &:= 2^5 + 8^1 + 12^1 + 16^0 + 24^2 = 25 + 81 + 121 + 160 + 242 \\ 629 &:= 2^5 + 9^1 + 11^1 + 16^0 + 24^2 = 25 + 91 + 111 + 160 + 242 \\ 629 &:= 3^1 + 3^4 + 12^2 + 20^2 + 24^0 = 31 + 34 + 122 + 202 + 240 \\ 629 &:= 3^1 + 3^5 + 16^0 + 19^2 + 21^1 = 31 + 35 + 160 + 192 + 211 \\ 629 &:= 3^1 + 4^4 + 7^3 + 22^0 + 26^1 = 31 + 44 + 73 + 220 + 261 \\ 629 &:= 3^2 + 3^4 + 9^1 + 23^2 + 24^0 = 32 + 34 + 91 + 232 + 240 \\ 629 &:= 3^3 + 4^2 + 12^2 + 21^2 + 22^0 = 33 + 42 + 122 + 212 + 220 \\ 629 &:= 3^3 + 4^3 + 8^1 + 23^2 + 24^0 = 33 + 43 + 81 + 232 + 240 \\ 629 &:= 3^3 + 6^2 + 6^2 + 23^2 + 24^0 = 33 + 62 + 62 + 232 + 240 \\ 629 &:= 3^3 + 6^2 + 9^2 + 22^0 + 22^2 = 33 + 62 + 92 + 220 + 222 \\ 629 &:= 3^3 + 6^3 + 10^0 + 19^2 + 24^1 = 33 + 63 + 100 + 192 + 241 \\ 629 &:= 3^3 + 8^2 + 8^3 + 18^0 + 25^1 = 33 + 82 + 83 + 180 + 251 \\ 629 &:= 3^3 + 9^2 + 14^2 + 18^0 + 18^2 = 33 + 92 + 142 + 180 + 182 \\ 629 &:= 3^4 + 10^0 + 13^2 + 17^1 + 19^2 = 34 + 100 + 132 + 171 + 192 \\ 629 &:= 3^4 + 4^0 + 6^2 + 22^2 + 27^1 = 34 + 40 + 62 + 222 + 271 \\ 629 &:= 3^4 + 4^0 + 9^2 + 21^2 + 25^1 = 34 + 40 + 92 + 212 + 251 \\ 629 &:= 3^4 + 6^1 + 10^2 + 21^2 + 22^0 = 34 + 61 + 102 + 212 + 220 \\ 629 &:= 3^4 + 7^2 + 14^1 + 16^0 + 22^2 = 34 + 72 + 141 + 160 + 222 \\ 629 &:= 3^4 + 8^1 + 8^3 + 16^0 + 27^1 = 34 + 81 + 83 + 160 + 271 \\ 629 &:= 3^4 + 8^3 + 10^1 + 16^0 + 25^1 = 34 + 83 + 101 + 160 + 251 \\ 629 &:= 3^4 + 8^3 + 11^1 + 16^0 + 24^1 = 34 + 83 + 111 + 160 + 241 \\ 629 &:= 3^4 + 8^3 + 12^1 + 16^0 + 23^1 = 34 + 83 + 121 + 160 + 231 \\ 629 &:= 3^4 + 8^3 + 13^1 + 16^0 + 22^1 = 34 + 83 + 131 + 160 + 221 \\ 629 &:= 3^4 + 8^3 + 14^1 + 16^0 + 21^1 = 34 + 83 + 141 + 160 + 211 \\ 629 &:= 3^4 + 8^3 + 15^1 + 16^0 + 20^1 = 34 + 83 + 151 + 160 + 201 \\ 629 &:= 3^4 + 8^3 + 16^0 + 16^1 + 19^1 = 34 + 83 + 160 + 161 + 191 \\ 629 &:= 3^4 + 8^3 + 16^0 + 17^1 + 18^1 = 34 + 83 + 160 + 171 + 181 \\ 629 &:= 3^4 + 8^3 + 9^1 + 16^0 + 26^1 = 34 + 83 + 91 + 160 + 261 \\ 629 &:= 3^5 + 10^1 + 14^1 + 16^0 + 19^2 = 35 + 101 + 141 + 160 + 192 \\ 629 &:= 3^5 + 11^1 + 13^1 + 16^0 + 19^2 = 35 + 111 + 131 + 160 + 192 \\ 629 &:= 3^5 + 12^1 + 12^1 + 16^0 + 19^2 = 35 + 121 + 121 + 160 + 192 \\ 629 &:= 3^5 + 4^1 + 16^0 + 19^2 + 20^1 = 35 + 41 + 160 + 192 + 201 \\ 629 &:= 3^5 + 5^1 + 16^0 + 19^1 + 19^2 = 35 + 51 + 160 + 191 + 192 \\ 629 &:= 3^5 + 6^1 + 16^0 + 18^1 + 19^2 = 35 + 61 + 160 + 181 + 192 \\ 629 &:= 3^5 + 7^1 + 16^0 + 17^1 + 19^2 = 35 + 71 + 160 + 171 + 192 \\ 629 &:= 3^5 + 8^1 + 16^0 + 16^1 + 19^2 = 35 + 81 + 160 + 161 + 192 \\ 629 &:= 3^5 + 9^1 + 15^1 + 16^0 + 19^2 = 35 + 91 + 151 + 160 + 192 \\ 629 &:= 4^1 + 4^4 + 7^3 + 22^0 + 25^1 = 41 + 44 + 73 + 220 + 251 \\ 629 &:= 4^2 + 4^3 + 8^2 + 22^2 + 24^0 = 42 + 43 + 82 + 222 + 240 \\ 629 &:= 4^3 + 4^3 + 16^0 + 16^1 + 22^2 = 43 + 43 + 160 + 161 + 222 \\ 629 &:= 4^3 + 5^2 + 8^3 + 18^0 + 27^1 = 43 + 52 + 83 + 180 + 271 \\ 629 &:= 4^3 + 6^3 + 10^0 + 18^2 + 24^1 = 43 + 63 + 100 + 182 + 241 \\ 629 &:= 4^3 + 7^3 + 12^0 + 14^2 + 25^1 = 43 + 73 + 120 + 142 + 251 \\ 629 &:= 4^3 + 8^2 + 10^2 + 20^0 + 20^2 = 43 + 82 + 102 + 200 + 202 \\ 629 &:= 4^4 + 10^2 + 16^0 + 16^1 + 16^2 = 44 + 102 + 160 + 161 + 162 \\ 629 &:= 4^4 + 5^1 + 7^3 + 22^0 + 24^1 = 44 + 51 + 73 + 220 + 241 \\ 629 &:= 4^4 + 5^2 + 12^0 + 18^2 + 23^1 = 44 + 52 + 120 + 182 + 231 \\ 629 &:= 4^4 + 6^0 + 11^2 + 15^2 + 26^1 = 44 + 60 + 112 + 152 + 261 \\ 629 &:= 4^4 + 6^1 + 7^3 + 22^0 + 23^1 = 44 + 61 + 73 + 220 + 231 \\ 629 &:= 4^4 + 6^2 + 12^1 + 18^2 + 22^0 = 44 + 62 + 121 + 182 + 220 \\ 629 &:= 4^4 + 7^1 + 13^2 + 14^2 + 24^0 = 44 + 71 + 132 + 142 + 240 \\ 629 &:= 4^4 + 7^1 + 7^3 + 22^0 + 22^1 = 44 + 71 + 73 + 220 + 221 \\ 629 &:= 4^4 + 7^3 + 10^1 + 19^1 + 22^0 = 44 + 73 + 101 + 191 + 220 \\ 629 &:= 4^4 + 7^3 + 11^1 + 18^1 + 22^0 = 44 + 73 + 111 + 181 + 220 \\ 629 &:= 4^4 + 7^3 + 12^1 + 17^1 + 22^0 = 44 + 73 + 121 + 171 + 220 \\ 629 &:= 4^4 + 7^3 + 13^1 + 16^1 + 22^0 = 44 + 73 + 131 + 161 + 220 \\ 629 &:= 4^4 + 7^3 + 14^1 + 15^1 + 22^0 = 44 + 73 + 141 + 151 + 220 \\ 629 &:= 4^4 + 7^3 + 8^1 + 21^1 + 22^0 = 44 + 73 + 81 + 211 + 220 \end{aligned}$$

$$\begin{aligned} 629 &:= 4^4 + 7^3 + 9^1 + 20^1 + 22^0 = 44 + 73 + 91 + 201 + 220 \\ 629 &:= 4^4 + 8^2 + 14^0 + 17^2 + 19^1 = 44 + 82 + 140 + 172 + 191 \\ 629 &:= 5^3 + 5^3 + 16^0 + 17^1 + 19^2 = 53 + 53 + 160 + 171 + 192 \\ 629 &:= 5^3 + 7^3 + 12^2 + 16^1 + 22^0 = 53 + 73 + 122 + 161 + 220 \end{aligned}$$

$$\begin{aligned} 629 &:= 6^3 + 6^3 + 10^0 + 13^2 + 27^1 = 63 + 63 + 100 + 132 + 271 \\ 629 &:= 6^3 + 7^2 + 7^3 + 20^1 + 22^0 = 63 + 72 + 73 + 201 + 220 \\ 629 &:= 7^3 + 8^2 + 10^2 + 11^2 + 26^0 = 73 + 82 + 102 + 112 + 260 \end{aligned}$$

2.2.531 Number 630

$$\begin{aligned} 630 &:= 1^1 + 2^6 + 23^2 + 36^1 = 11 + 26 + 232 + 361 \\ 630 &:= 1^5 + 3^1 + 5^4 + 53^0 = 15 + 31 + 54 + 530 \\ 630 &:= 1^6 + 12^2 + 22^2 + 27^0 = 16 + 122 + 222 + 270 \\ 630 &:= 1^7 + 3^1 + 25^2 + 33^0 = 17 + 31 + 252 + 330 \\ 630 &:= 2^1 + 2^6 + 23^2 + 35^1 = 21 + 26 + 232 + 351 \\ 630 &:= 2^6 + 10^1 + 23^2 + 27^1 = 26 + 101 + 232 + 271 \\ 630 &:= 2^6 + 11^1 + 23^2 + 26^1 = 26 + 111 + 232 + 261 \\ 630 &:= 2^6 + 12^1 + 23^2 + 25^1 = 26 + 121 + 232 + 251 \\ 630 &:= 2^6 + 13^1 + 23^2 + 24^1 = 26 + 131 + 232 + 241 \\ 630 &:= 2^6 + 14^1 + 23^1 + 23^2 = 26 + 141 + 231 + 232 \\ 630 &:= 2^6 + 15^1 + 22^1 + 23^2 = 26 + 151 + 221 + 232 \\ 630 &:= 2^6 + 16^1 + 21^1 + 23^2 = 26 + 161 + 211 + 232 \\ 630 &:= 2^6 + 17^1 + 20^1 + 23^2 = 26 + 171 + 201 + 232 \\ 630 &:= 2^6 + 18^1 + 19^1 + 23^2 = 26 + 181 + 191 + 232 \\ 630 &:= 2^6 + 3^1 + 23^2 + 34^1 = 26 + 31 + 232 + 341 \\ 630 &:= 2^6 + 4^1 + 23^2 + 33^1 = 26 + 41 + 232 + 331 \\ 630 &:= 2^6 + 5^1 + 23^2 + 32^1 = 26 + 51 + 232 + 321 \\ 630 &:= 2^6 + 6^1 + 23^2 + 31^1 = 26 + 61 + 232 + 311 \\ 630 &:= 2^6 + 6^2 + 23^2 + 31^0 = 26 + 62 + 232 + 310 \\ 630 &:= 2^6 + 7^1 + 23^2 + 30^1 = 26 + 71 + 232 + 301 \\ 630 &:= 2^6 + 8^1 + 23^2 + 29^1 = 26 + 81 + 232 + 291 \\ 630 &:= 2^6 + 9^1 + 23^2 + 28^1 = 26 + 91 + 232 + 281 \\ 630 &:= 2^6 + 9^2 + 22^2 + 29^0 = 26 + 92 + 222 + 290 \\ 630 &:= 2^7 + 17^1 + 21^0 + 22^2 = 27 + 171 + 210 + 222 \\ 630 &:= 3^5 + 8^2 + 17^2 + 34^1 = 35 + 82 + 172 + 341 \\ 630 &:= 1^0 + 2^6 + 10^1 + 23^2 + 26^1 = 10 + 26 + 101 + 232 + 261 \\ 630 &:= 1^0 + 2^6 + 11^1 + 23^2 + 25^1 = 10 + 26 + 111 + 232 + 251 \\ 630 &:= 1^0 + 2^6 + 12^1 + 23^2 + 24^1 = 10 + 26 + 121 + 232 + 241 \\ 630 &:= 1^0 + 2^6 + 13^1 + 23^1 + 23^2 = 10 + 26 + 131 + 231 + 232 \\ 630 &:= 1^0 + 2^6 + 14^1 + 22^1 + 23^2 = 10 + 26 + 141 + 221 + 232 \\ 630 &:= 1^0 + 2^6 + 15^1 + 21^1 + 23^2 = 10 + 26 + 151 + 211 + 232 \end{aligned}$$

$$\begin{aligned} 630 &:= 1^0 + 2^6 + 16^1 + 20^1 + 23^2 = 10 + 26 + 161 + 201 + 232 \\ 630 &:= 1^0 + 2^6 + 17^1 + 19^1 + 23^2 = 10 + 26 + 171 + 191 + 232 \\ 630 &:= 1^0 + 2^6 + 18^1 + 18^1 + 23^2 = 10 + 26 + 181 + 181 + 232 \\ 630 &:= 1^0 + 2^6 + 9^1 + 23^2 + 27^1 = 10 + 26 + 91 + 232 + 271 \\ 630 &:= 1^0 + 2^7 + 16^1 + 21^0 + 22^2 = 10 + 27 + 161 + 210 + 222 \\ 630 &:= 1^1 + 2^5 + 14^2 + 20^2 + 25^0 = 11 + 25 + 142 + 202 + 250 \\ 630 &:= 1^1 + 3^4 + 11^2 + 20^2 + 27^1 = 11 + 34 + 112 + 202 + 271 \\ 630 &:= 1^2 + 2^3 + 14^2 + 20^2 + 25^1 = 12 + 23 + 142 + 202 + 251 \\ 630 &:= 1^2 + 2^5 + 15^0 + 20^1 + 24^2 = 12 + 25 + 150 + 201 + 242 \\ 630 &:= 1^2 + 3^3 + 17^2 + 17^2 + 24^1 = 12 + 33 + 172 + 172 + 241 \\ 630 &:= 1^2 + 3^5 + 15^0 + 19^2 + 24^1 = 12 + 35 + 150 + 192 + 241 \\ 630 &:= 1^3 + 3^2 + 14^2 + 20^2 + 24^1 = 13 + 32 + 142 + 202 + 241 \\ 630 &:= 1^3 + 3^2 + 8^2 + 23^2 + 27^1 = 13 + 32 + 82 + 232 + 271 \\ 630 &:= 1^3 + 3^4 + 17^0 + 18^1 + 23^2 = 13 + 34 + 170 + 181 + 232 \\ 630 &:= 1^3 + 4^4 + 11^1 + 19^2 + 27^0 = 13 + 44 + 111 + 192 + 270 \\ 630 &:= 1^3 + 5^2 + 7^2 + 23^2 + 26^1 = 13 + 52 + 72 + 232 + 261 \\ 630 &:= 1^3 + 8^2 + 12^2 + 20^2 + 21^1 = 13 + 82 + 122 + 202 + 211 \\ 630 &:= 1^3 + 8^2 + 16^2 + 17^2 + 20^1 = 13 + 82 + 162 + 172 + 201 \\ 630 &:= 1^4 + 3^3 + 9^0 + 24^2 + 25^1 = 14 + 33 + 90 + 242 + 251 \\ 630 &:= 1^4 + 4^2 + 6^2 + 24^2 + 27^0 = 14 + 42 + 62 + 242 + 270 \\ 630 &:= 1^4 + 5^3 + 15^0 + 19^1 + 22^2 = 14 + 53 + 150 + 191 + 222 \\ 630 &:= 1^4 + 6^3 + 12^1 + 20^2 + 23^0 = 14 + 63 + 121 + 202 + 230 \\ 630 &:= 1^4 + 8^3 + 10^2 + 16^1 + 27^0 = 14 + 83 + 102 + 161 + 270 \\ 630 &:= 1^5 + 11^0 + 15^1 + 17^2 + 18^2 = 15 + 110 + 151 + 172 + 182 \\ 630 &:= 1^5 + 11^1 + 15^0 + 16^2 + 19^2 = 15 + 111 + 150 + 162 + 192 \\ 630 &:= 1^5 + 2^1 + 5^4 + 27^0 + 27^0 = 15 + 21 + 54 + 270 + 270 \\ 630 &:= 1^5 + 3^1 + 15^2 + 20^2 + 23^0 = 15 + 31 + 152 + 202 + 230 \\ 630 &:= 1^5 + 3^1 + 7^2 + 24^2 + 27^0 = 15 + 31 + 72 + 242 + 270 \\ 630 &:= 1^5 + 5^0 + 11^2 + 22^2 + 23^1 = 15 + 50 + 112 + 222 + 231 \\ 630 &:= 1^5 + 5^0 + 5^2 + 24^2 + 27^1 = 15 + 50 + 52 + 242 + 271 \\ 630 &:= 1^5 + 6^2 + 15^0 + 16^1 + 24^2 = 15 + 62 + 150 + 161 + 242 \end{aligned}$$

$$\begin{aligned}630 &:= 1^5 + 9^0 + 13^2 + 18^1 + 21^2 = 15 + 90 + 132 + 181 + 212 \\630 &:= 1^5 + 9^2 + 11^0 + 18^1 + 23^2 = 15 + 92 + 110 + 181 + 232 \\630 &:= 1^7 + 2^1 + 10^0 + 24^0 + 25^2 = 17 + 21 + 100 + 240 + 252 \\630 &:= 1^7 + 2^1 + 11^0 + 23^0 + 25^2 = 17 + 21 + 110 + 230 + 252 \\630 &:= 1^7 + 2^1 + 12^0 + 22^0 + 25^2 = 17 + 21 + 120 + 220 + 252 \\630 &:= 1^7 + 2^1 + 13^0 + 21^0 + 25^2 = 17 + 21 + 130 + 210 + 252 \\630 &:= 1^7 + 2^1 + 14^0 + 20^0 + 25^2 = 17 + 21 + 140 + 200 + 252 \\630 &:= 1^7 + 2^1 + 15^0 + 19^0 + 25^2 = 17 + 21 + 150 + 190 + 252 \\630 &:= 1^7 + 2^1 + 16^0 + 18^0 + 25^2 = 17 + 21 + 160 + 180 + 252 \\630 &:= 1^7 + 2^1 + 17^0 + 17^0 + 25^2 = 17 + 21 + 170 + 170 + 252 \\630 &:= 1^7 + 2^1 + 7^0 + 25^2 + 27^0 = 17 + 21 + 70 + 252 + 270 \\630 &:= 1^7 + 2^1 + 8^0 + 25^2 + 26^0 = 17 + 21 + 80 + 252 + 260 \\630 &:= 1^7 + 2^1 + 9^0 + 25^0 + 25^2 = 17 + 21 + 90 + 250 + 252 \\630 &:= 2^0 + 2^7 + 16^1 + 20^0 + 22^2 = 20 + 27 + 161 + 200 + 222 \\630 &:= 2^1 + 3^4 + 11^2 + 20^2 + 26^1 = 21 + 34 + 112 + 202 + 261 \\630 &:= 2^2 + 2^4 + 10^1 + 24^1 + 24^2 = 22 + 24 + 101 + 241 + 242 \\630 &:= 2^2 + 2^4 + 11^1 + 23^1 + 24^2 = 22 + 24 + 111 + 231 + 242 \\630 &:= 2^2 + 2^4 + 12^1 + 22^1 + 24^2 = 22 + 24 + 121 + 221 + 242 \\630 &:= 2^2 + 2^4 + 13^1 + 21^1 + 24^2 = 22 + 24 + 131 + 211 + 242 \\630 &:= 2^2 + 2^4 + 14^1 + 20^1 + 24^2 = 22 + 24 + 141 + 201 + 242 \\630 &:= 2^2 + 2^4 + 15^1 + 19^1 + 24^2 = 22 + 24 + 151 + 191 + 242 \\630 &:= 2^2 + 2^4 + 16^1 + 18^1 + 24^2 = 22 + 24 + 161 + 181 + 242 \\630 &:= 2^2 + 2^4 + 17^1 + 17^1 + 24^2 = 22 + 24 + 171 + 171 + 242 \\630 &:= 2^2 + 2^4 + 7^1 + 24^2 + 27^1 = 22 + 24 + 71 + 242 + 271 \\630 &:= 2^2 + 2^4 + 8^1 + 24^2 + 26^1 = 22 + 24 + 81 + 242 + 261 \\630 &:= 2^2 + 2^4 + 9^1 + 24^2 + 25^1 = 22 + 24 + 91 + 242 + 251 \\630 &:= 2^2 + 2^5 + 17^0 + 17^1 + 24^2 = 22 + 25 + 170 + 171 + 242 \\630 &:= 2^2 + 3^4 + 12^2 + 20^2 + 25^0 = 22 + 34 + 122 + 202 + 250 \\630 &:= 2^2 + 3^5 + 17^0 + 19^2 + 21^1 = 22 + 35 + 170 + 192 + 211 \\630 &:= 2^2 + 4^4 + 7^3 + 23^0 + 26^1 = 22 + 44 + 73 + 230 + 261 \\630 &:= 2^3 + 11^2 + 11^2 + 19^1 + 19^2 = 23 + 112 + 112 + 191 + 192 \\630 &:= 2^3 + 2^3 + 17^2 + 18^2 + 23^0 = 23 + 23 + 172 + 182 + 230 \\630 &:= 2^3 + 3^4 + 11^1 + 23^0 + 23^2 = 23 + 34 + 111 + 230 + 232 \\630 &:= 2^3 + 4^3 + 14^2 + 19^2 + 23^0 = 23 + 43 + 142 + 192 + 230 \\630 &:= 2^3 + 6^3 + 9^2 + 18^2 + 27^0 = 23 + 63 + 92 + 182 + 270 \\630 &:= 2^3 + 9^2 + 11^2 + 20^1 + 20^2 = 23 + 92 + 112 + 201 + 202 \\630 &:= 2^4 + 3^3 + 10^1 + 23^0 + 24^2 = 24 + 33 + 101 + 230 + 242 \\630 &:= 2^4 + 4^3 + 13^0 + 20^1 + 23^2 = 24 + 43 + 130 + 201 + 232\end{aligned}$$

$$\begin{aligned}630 &:= 2^4 + 7^3 + 14^1 + 16^2 + 23^0 = 24 + 73 + 141 + 162 + 230 \\630 &:= 2^4 + 8^2 + 15^2 + 18^2 + 19^0 = 24 + 82 + 152 + 182 + 190 \\630 &:= 2^4 + 8^3 + 9^2 + 20^1 + 23^0 = 24 + 83 + 92 + 201 + 230 \\630 &:= 2^5 + 10^2 + 13^1 + 15^0 + 22^2 = 25 + 102 + 131 + 150 + 222 \\630 &:= 2^5 + 11^1 + 15^0 + 15^2 + 19^2 = 25 + 111 + 150 + 152 + 192 \\630 &:= 2^5 + 12^1 + 12^2 + 15^0 + 21^2 = 25 + 121 + 122 + 150 + 212 \\630 &:= 2^5 + 3^2 + 12^1 + 21^0 + 24^2 = 25 + 32 + 121 + 210 + 242 \\630 &:= 2^5 + 4^1 + 8^2 + 23^2 + 25^0 = 25 + 41 + 82 + 232 + 250 \\630 &:= 2^5 + 4^2 + 5^1 + 24^2 + 27^0 = 25 + 42 + 51 + 242 + 270 \\630 &:= 2^5 + 7^0 + 17^2 + 17^2 + 19^1 = 25 + 70 + 172 + 172 + 191 \\630 &:= 2^5 + 7^2 + 11^0 + 19^1 + 23^2 = 25 + 72 + 110 + 191 + 232 \\630 &:= 2^5 + 9^0 + 16^2 + 17^1 + 18^2 = 25 + 90 + 162 + 171 + 182 \\630 &:= 2^7 + 10^0 + 12^0 + 16^1 + 22^2 = 27 + 100 + 120 + 161 + 222 \\630 &:= 2^7 + 11^0 + 11^0 + 16^1 + 22^2 = 27 + 110 + 110 + 161 + 222 \\630 &:= 2^7 + 3^0 + 16^1 + 19^0 + 22^2 = 27 + 30 + 161 + 190 + 222 \\630 &:= 2^7 + 4^0 + 16^1 + 18^0 + 22^2 = 27 + 40 + 161 + 180 + 222 \\630 &:= 2^7 + 5^0 + 16^1 + 17^0 + 22^2 = 27 + 50 + 161 + 170 + 222 \\630 &:= 2^7 + 6^0 + 16^0 + 16^1 + 22^2 = 27 + 60 + 160 + 161 + 222 \\630 &:= 2^7 + 7^0 + 15^0 + 16^1 + 22^2 = 27 + 70 + 150 + 161 + 222 \\630 &:= 2^7 + 8^0 + 14^0 + 16^1 + 22^2 = 27 + 80 + 140 + 161 + 222 \\630 &:= 2^7 + 9^0 + 13^0 + 16^1 + 22^2 = 27 + 90 + 130 + 161 + 222 \\630 &:= 3^1 + 3^4 + 11^2 + 20^2 + 25^1 = 31 + 34 + 112 + 202 + 251 \\630 &:= 3^2 + 3^4 + 8^3 + 21^0 + 27^1 = 32 + 34 + 83 + 210 + 271 \\630 &:= 3^2 + 3^5 + 16^1 + 19^2 + 21^0 = 32 + 35 + 161 + 192 + 210 \\630 &:= 3^2 + 4^4 + 7^3 + 21^1 + 27^0 = 32 + 44 + 73 + 211 + 270 \\630 &:= 3^3 + 10^2 + 14^2 + 17^2 + 18^1 = 33 + 102 + 142 + 172 + 181 \\630 &:= 3^3 + 4^3 + 8^3 + 21^0 + 26^1 = 33 + 43 + 83 + 210 + 261 \\630 &:= 3^3 + 4^4 + 15^0 + 18^2 + 22^1 = 33 + 44 + 150 + 182 + 221 \\630 &:= 3^3 + 5^2 + 14^2 + 19^2 + 21^1 = 33 + 52 + 142 + 192 + 211 \\630 &:= 3^3 + 5^3 + 6^2 + 21^2 + 27^0 = 33 + 53 + 62 + 212 + 270 \\630 &:= 3^3 + 8^2 + 14^2 + 18^2 + 19^1 = 33 + 82 + 142 + 182 + 191 \\630 &:= 3^4 + 10^1 + 11^2 + 18^1 + 20^2 = 34 + 101 + 112 + 181 + 202 \\630 &:= 3^4 + 11^1 + 11^2 + 17^1 + 20^2 = 34 + 111 + 112 + 171 + 202 \\630 &:= 3^4 + 11^2 + 12^1 + 16^1 + 20^2 = 34 + 112 + 121 + 161 + 202 \\630 &:= 3^4 + 11^2 + 13^1 + 15^1 + 20^2 = 34 + 112 + 131 + 151 + 202 \\630 &:= 3^4 + 11^2 + 14^1 + 14^1 + 20^2 = 34 + 112 + 141 + 141 + 202 \\630 &:= 3^4 + 4^1 + 11^2 + 20^2 + 24^1 = 34 + 41 + 112 + 202 + 241 \\630 &:= 3^4 + 4^2 + 8^3 + 20^1 + 27^0 = 34 + 42 + 83 + 201 + 270\end{aligned}$$

$$\begin{aligned}
 630 &:= 3^4 + 5^1 + 11^2 + 20^2 + 23^1 = 34 + 51 + 112 + 202 + 231 \\
 630 &:= 3^4 + 5^3 + 11^0 + 20^2 + 23^1 = 34 + 53 + 110 + 202 + 231 \\
 630 &:= 3^4 + 6^1 + 11^2 + 20^2 + 22^1 = 34 + 61 + 112 + 202 + 221 \\
 630 &:= 3^4 + 6^2 + 16^2 + 16^2 + 21^0 = 34 + 62 + 162 + 162 + 210 \\
 630 &:= 3^4 + 6^3 + 8^1 + 18^2 + 27^0 = 34 + 63 + 81 + 182 + 270 \\
 630 &:= 3^4 + 7^1 + 11^2 + 20^2 + 21^1 = 34 + 71 + 112 + 202 + 211 \\
 630 &:= 3^4 + 8^1 + 11^2 + 20^1 + 20^2 = 34 + 81 + 112 + 201 + 202 \\
 630 &:= 3^4 + 9^1 + 11^2 + 19^1 + 20^2 = 34 + 91 + 112 + 191 + 202 \\
 630 &:= 3^5 + 11^0 + 13^2 + 14^2 + 21^1 = 35 + 110 + 132 + 142 + 211 \\
 630 &:= 3^5 + 12^2 + 15^0 + 15^2 + 17^1 = 35 + 122 + 150 + 152 + 171 \\
 630 &:= 3^5 + 4^2 + 9^1 + 19^2 + 27^0 = 35 + 42 + 91 + 192 + 270 \\
 630 &:= 3^5 + 6^2 + 9^0 + 18^2 + 26^1 = 35 + 62 + 90 + 182 + 261 \\
 630 &:= 3^5 + 6^3 + 13^0 + 13^2 + 27^0 = 35 + 63 + 130 + 132 + 270 \\
 630 &:= 3^5 + 6^3 + 13^2 + 14^0 + 26^0 = 35 + 63 + 132 + 140 + 260 \\
 630 &:= 3^5 + 6^3 + 13^2 + 15^0 + 25^0 = 35 + 63 + 132 + 150 + 250 \\
 630 &:= 3^5 + 6^3 + 13^2 + 16^0 + 24^0 = 35 + 63 + 132 + 160 + 240 \\
 630 &:= 3^5 + 6^3 + 13^2 + 17^0 + 23^0 = 35 + 63 + 132 + 170 + 230 \\
 630 &:= 3^5 + 6^3 + 13^2 + 18^0 + 22^0 = 35 + 63 + 132 + 180 + 220 \\
 630 &:= 3^5 + 6^3 + 13^2 + 19^0 + 21^0 = 35 + 63 + 132 + 190 + 210 \\
 630 &:= 3^5 + 6^3 + 13^2 + 20^0 + 20^0 = 35 + 63 + 132 + 200 + 200 \\
 630 &:= 3^5 + 7^2 + 13^1 + 18^2 + 21^0 = 35 + 72 + 131 + 182 + 210 \\
 630 &:= 3^5 + 7^3 + 9^0 + 16^1 + 27^1 = 35 + 73 + 90 + 161 + 271
 \end{aligned}$$

$$\begin{aligned}
 630 &:= 3^5 + 7^3 + 9^0 + 17^1 + 26^1 = 35 + 73 + 90 + 171 + 261 \\
 630 &:= 3^5 + 7^3 + 9^0 + 18^1 + 25^1 = 35 + 73 + 90 + 181 + 251 \\
 630 &:= 3^5 + 7^3 + 9^0 + 19^1 + 24^1 = 35 + 73 + 90 + 191 + 241 \\
 630 &:= 3^5 + 7^3 + 9^0 + 20^1 + 23^1 = 35 + 73 + 90 + 201 + 231 \\
 630 &:= 3^5 + 7^3 + 9^0 + 21^1 + 22^1 = 35 + 73 + 90 + 211 + 221 \\
 630 &:= 3^5 + 9^1 + 11^2 + 16^2 + 23^0 = 35 + 91 + 112 + 162 + 230 \\
 630 &:= 3^5 + 9^2 + 16^1 + 17^0 + 17^2 = 35 + 92 + 161 + 170 + 172 \\
 630 &:= 4^2 + 5^3 + 8^2 + 20^2 + 25^1 = 42 + 53 + 82 + 202 + 251 \\
 630 &:= 4^3 + 4^4 + 17^0 + 17^2 + 20^1 = 43 + 44 + 170 + 172 + 201 \\
 630 &:= 4^3 + 5^2 + 14^2 + 18^2 + 21^1 = 43 + 52 + 142 + 182 + 211 \\
 630 &:= 4^3 + 8^2 + 11^2 + 19^2 + 20^1 = 43 + 82 + 112 + 192 + 201 \\
 630 &:= 4^3 + 8^2 + 9^2 + 20^2 + 21^1 = 43 + 82 + 92 + 202 + 211 \\
 630 &:= 4^4 + 5^3 + 15^0 + 15^2 + 23^1 = 44 + 53 + 150 + 152 + 231 \\
 630 &:= 4^4 + 6^2 + 9^2 + 16^2 + 27^0 = 44 + 62 + 92 + 162 + 270 \\
 630 &:= 4^4 + 6^3 + 12^2 + 13^1 + 27^0 = 44 + 63 + 122 + 131 + 270 \\
 630 &:= 5^2 + 5^3 + 13^2 + 17^2 + 22^1 = 52 + 53 + 132 + 172 + 221 \\
 630 &:= 5^2 + 6^3 + 13^2 + 14^2 + 24^1 = 52 + 63 + 132 + 142 + 241 \\
 630 &:= 5^3 + 11^2 + 13^2 + 14^2 + 19^1 = 53 + 112 + 132 + 142 + 191 \\
 630 &:= 5^3 + 6^3 + 12^2 + 12^2 + 27^0 = 53 + 63 + 122 + 122 + 270 \\
 630 &:= 5^3 + 8^2 + 14^2 + 15^2 + 20^1 = 53 + 82 + 142 + 152 + 201 \\
 630 &:= 6^2 + 6^3 + 8^2 + 17^2 + 25^1 = 62 + 63 + 82 + 172 + 251
 \end{aligned}$$

2.2.532 Number 631

$$\begin{aligned}
 631 &:= 1^5 + 2^2 + 5^4 + 54^0 = 15 + 22 + 54 + 540 \\
 631 &:= 1^6 + 4^1 + 5^4 + 52^0 = 16 + 41 + 54 + 520 \\
 631 &:= 1^7 + 10^2 + 23^2 + 28^0 = 17 + 102 + 232 + 280 \\
 631 &:= 1^7 + 2^2 + 25^2 + 34^0 = 17 + 22 + 252 + 340 \\
 631 &:= 1^8 + 2^9 + 4^3 + 54^1 = 18 + 29 + 43 + 541 \\
 631 &:= 1^8 + 4^1 + 25^2 + 32^0 = 18 + 41 + 252 + 320 \\
 631 &:= 2^6 + 5^3 + 21^2 + 34^0 = 26 + 53 + 212 + 340 \\
 631 &:= 2^8 + 13^1 + 19^2 + 28^0 = 28 + 131 + 192 + 280 \\
 631 &:= 1^0 + 1^7 + 12^2 + 22^2 + 26^0 = 10 + 17 + 122 + 222 + 260 \\
 631 &:= 1^1 + 1^6 + 12^2 + 22^2 + 26^0 = 11 + 16 + 122 + 222 + 260 \\
 631 &:= 1^1 + 2^7 + 17^1 + 20^0 + 22^2 = 11 + 27 + 171 + 200 + 222 \\
 631 &:= 1^2 + 1^5 + 12^2 + 22^2 + 26^0 = 12 + 15 + 122 + 222 + 260 \\
 631 &:= 1^3 + 1^4 + 12^2 + 22^2 + 26^0 = 13 + 14 + 122 + 222 + 260
 \end{aligned}$$

$$\begin{aligned}
 631 &:= 1^3 + 2^4 + 17^2 + 18^2 + 24^0 = 13 + 24 + 172 + 182 + 240 \\
 631 &:= 1^3 + 2^5 + 14^0 + 21^1 + 24^2 = 13 + 25 + 140 + 211 + 242 \\
 631 &:= 1^3 + 3^5 + 14^0 + 19^2 + 25^1 = 13 + 35 + 140 + 192 + 251 \\
 631 &:= 1^4 + 3^4 + 16^0 + 19^1 + 23^2 = 14 + 34 + 160 + 191 + 232 \\
 631 &:= 1^4 + 4^3 + 9^2 + 22^2 + 26^0 = 14 + 43 + 92 + 222 + 260 \\
 631 &:= 1^4 + 4^4 + 12^1 + 19^2 + 26^0 = 14 + 44 + 121 + 192 + 260 \\
 631 &:= 1^5 + 12^2 + 14^2 + 17^2 + 18^0 = 15 + 122 + 142 + 172 + 180 \\
 631 &:= 1^5 + 2^2 + 15^2 + 20^2 + 24^0 = 15 + 22 + 152 + 202 + 240 \\
 631 &:= 1^5 + 3^3 + 8^0 + 24^2 + 26^1 = 15 + 33 + 80 + 242 + 261 \\
 631 &:= 1^5 + 4^2 + 17^2 + 18^2 + 22^0 = 15 + 42 + 172 + 182 + 220 \\
 631 &:= 1^5 + 5^3 + 14^0 + 20^1 + 22^2 = 15 + 53 + 140 + 201 + 222 \\
 631 &:= 1^5 + 6^2 + 8^2 + 23^2 + 24^0 = 15 + 62 + 82 + 232 + 240 \\
 631 &:= 1^5 + 6^3 + 13^1 + 20^2 + 22^0 = 15 + 63 + 131 + 202 + 220
 \end{aligned}$$

$$\begin{aligned} 631 &:= 1^5 + 7^2 + 16^2 + 18^2 + 20^0 = 15 + 72 + 162 + 182 + 200 \\ 631 &:= 1^5 + 8^2 + 9^2 + 22^0 + 22^2 = 15 + 82 + 92 + 220 + 222 \\ 631 &:= 1^5 + 8^3 + 10^2 + 17^1 + 26^0 = 15 + 83 + 102 + 171 + 260 \\ 631 &:= 1^6 + 10^0 + 16^1 + 17^2 + 18^2 = 16 + 100 + 161 + 172 + 182 \\ 631 &:= 1^6 + 12^1 + 14^0 + 16^2 + 19^2 = 16 + 121 + 140 + 162 + 192 \\ 631 &:= 1^6 + 3^1 + 5^4 + 26^0 + 27^0 = 16 + 31 + 54 + 260 + 270 \\ 631 &:= 1^6 + 4^0 + 11^2 + 22^2 + 24^1 = 16 + 40 + 112 + 222 + 241 \\ 631 &:= 1^6 + 4^1 + 15^2 + 20^2 + 22^0 = 16 + 41 + 152 + 202 + 220 \\ 631 &:= 1^6 + 4^1 + 7^2 + 24^2 + 26^0 = 16 + 41 + 72 + 242 + 260 \\ 631 &:= 1^6 + 6^2 + 14^0 + 17^1 + 24^2 = 16 + 62 + 140 + 171 + 242 \\ 631 &:= 1^6 + 8^0 + 13^2 + 19^1 + 21^2 = 16 + 80 + 132 + 191 + 212 \\ 631 &:= 1^6 + 9^2 + 10^0 + 19^1 + 23^2 = 16 + 92 + 100 + 191 + 232 \\ 631 &:= 1^7 + 10^0 + 12^2 + 17^0 + 22^2 = 17 + 100 + 122 + 170 + 222 \\ 631 &:= 1^7 + 11^0 + 12^2 + 16^0 + 22^2 = 17 + 110 + 122 + 160 + 222 \\ 631 &:= 1^7 + 12^0 + 12^2 + 15^0 + 22^2 = 17 + 120 + 122 + 150 + 222 \\ 631 &:= 1^7 + 12^2 + 13^0 + 14^0 + 22^2 = 17 + 122 + 130 + 140 + 222 \\ 631 &:= 1^7 + 2^0 + 12^2 + 22^2 + 25^0 = 17 + 20 + 122 + 222 + 250 \\ 631 &:= 1^7 + 2^9 + 4^3 + 27^1 + 27^1 = 17 + 29 + 43 + 271 + 271 \\ 631 &:= 1^7 + 3^0 + 12^2 + 22^2 + 24^0 = 17 + 30 + 122 + 222 + 240 \\ 631 &:= 1^7 + 4^0 + 12^2 + 22^2 + 23^0 = 17 + 40 + 122 + 222 + 230 \\ 631 &:= 1^7 + 5^0 + 12^2 + 22^0 + 22^2 = 17 + 50 + 122 + 220 + 222 \\ 631 &:= 1^7 + 6^0 + 12^2 + 21^0 + 22^2 = 17 + 60 + 122 + 210 + 222 \\ 631 &:= 1^7 + 7^0 + 12^2 + 20^0 + 22^2 = 17 + 70 + 122 + 200 + 222 \\ 631 &:= 1^7 + 8^0 + 12^2 + 19^0 + 22^2 = 17 + 80 + 122 + 190 + 222 \\ 631 &:= 1^7 + 9^0 + 12^2 + 18^0 + 22^2 = 17 + 90 + 122 + 180 + 222 \\ 631 &:= 1^8 + 1^9 + 12^2 + 22^2 + 25^0 = 18 + 19 + 122 + 222 + 250 \\ 631 &:= 1^8 + 3^1 + 10^0 + 23^0 + 25^2 = 18 + 31 + 100 + 230 + 252 \\ 631 &:= 1^8 + 3^1 + 11^0 + 22^0 + 25^2 = 18 + 31 + 110 + 220 + 252 \\ 631 &:= 1^8 + 3^1 + 12^0 + 21^0 + 25^2 = 18 + 31 + 120 + 210 + 252 \\ 631 &:= 1^8 + 3^1 + 13^0 + 20^0 + 25^2 = 18 + 31 + 130 + 200 + 252 \\ 631 &:= 1^8 + 3^1 + 14^0 + 19^0 + 25^2 = 18 + 31 + 140 + 190 + 252 \\ 631 &:= 1^8 + 3^1 + 15^0 + 18^0 + 25^2 = 18 + 31 + 150 + 180 + 252 \\ 631 &:= 1^8 + 3^1 + 16^0 + 17^0 + 25^2 = 18 + 31 + 160 + 170 + 252 \\ 631 &:= 1^8 + 3^1 + 6^0 + 25^2 + 27^0 = 18 + 31 + 60 + 252 + 270 \\ 631 &:= 1^8 + 3^1 + 7^0 + 25^2 + 26^0 = 18 + 31 + 70 + 252 + 260 \\ 631 &:= 1^8 + 3^1 + 8^0 + 25^0 + 25^2 = 18 + 31 + 80 + 250 + 252 \\ 631 &:= 1^8 + 3^1 + 9^0 + 24^0 + 25^2 = 18 + 31 + 90 + 240 + 252 \\ 631 &:= 2^0 + 2^8 + 12^1 + 19^2 + 27^0 = 20 + 28 + 121 + 192 + 270 \end{aligned}$$

$$\begin{aligned} 631 &:= 2^1 + 2^7 + 16^1 + 20^0 + 22^2 = 21 + 27 + 161 + 200 + 222 \\ 631 &:= 2^3 + 2^5 + 14^1 + 20^0 + 24^2 = 23 + 25 + 141 + 200 + 242 \\ 631 &:= 2^3 + 3^4 + 10^2 + 21^2 + 26^0 = 23 + 34 + 102 + 212 + 260 \\ 631 &:= 2^3 + 3^5 + 18^1 + 19^2 + 20^0 = 23 + 35 + 181 + 192 + 200 \\ 631 &:= 2^3 + 4^4 + 7^3 + 23^1 + 26^0 = 23 + 44 + 73 + 231 + 260 \\ 631 &:= 2^4 + 2^4 + 12^0 + 22^1 + 24^2 = 24 + 24 + 120 + 221 + 242 \\ 631 &:= 2^5 + 6^2 + 11^2 + 21^2 + 22^0 = 25 + 62 + 112 + 212 + 220 \\ 631 &:= 2^5 + 6^3 + 14^0 + 19^2 + 21^1 = 25 + 63 + 140 + 192 + 211 \\ 631 &:= 2^5 + 7^2 + 15^2 + 18^2 + 20^0 = 25 + 72 + 152 + 182 + 200 \\ 631 &:= 2^5 + 8^2 + 8^3 + 22^0 + 22^1 = 25 + 82 + 83 + 220 + 221 \\ 631 &:= 2^6 + 10^0 + 15^2 + 17^1 + 18^2 = 26 + 100 + 152 + 171 + 182 \\ 631 &:= 2^6 + 4^0 + 10^2 + 21^2 + 25^1 = 26 + 40 + 102 + 212 + 251 \\ 631 &:= 2^6 + 4^1 + 11^2 + 21^2 + 24^0 = 26 + 41 + 112 + 212 + 240 \\ 631 &:= 2^6 + 4^2 + 12^0 + 21^1 + 23^2 = 26 + 42 + 120 + 211 + 232 \\ 631 &:= 2^6 + 5^2 + 12^1 + 20^0 + 23^2 = 26 + 52 + 121 + 200 + 232 \\ 631 &:= 2^6 + 6^0 + 12^2 + 20^2 + 22^1 = 26 + 60 + 122 + 202 + 221 \\ 631 &:= 2^6 + 6^0 + 16^2 + 17^2 + 21^1 = 26 + 60 + 162 + 172 + 211 \\ 631 &:= 2^6 + 8^2 + 12^0 + 18^1 + 22^2 = 26 + 82 + 120 + 181 + 222 \\ 631 &:= 2^6 + 9^1 + 14^2 + 18^0 + 19^2 = 26 + 91 + 142 + 180 + 192 \\ 631 &:= 2^7 + 3^1 + 15^1 + 20^0 + 22^2 = 27 + 31 + 151 + 200 + 222 \\ 631 &:= 2^7 + 4^1 + 14^1 + 20^0 + 22^2 = 27 + 41 + 141 + 200 + 222 \\ 631 &:= 2^7 + 5^1 + 13^1 + 20^0 + 22^2 = 27 + 51 + 131 + 200 + 222 \\ 631 &:= 2^7 + 6^1 + 12^1 + 20^0 + 22^2 = 27 + 61 + 121 + 200 + 222 \\ 631 &:= 2^7 + 7^1 + 11^1 + 20^0 + 22^2 = 27 + 71 + 111 + 200 + 222 \\ 631 &:= 2^7 + 8^1 + 10^1 + 20^0 + 22^2 = 27 + 81 + 101 + 200 + 222 \\ 631 &:= 2^7 + 9^1 + 9^1 + 20^0 + 22^2 = 27 + 91 + 91 + 200 + 222 \\ 631 &:= 2^8 + 10^0 + 12^1 + 19^0 + 19^2 = 28 + 100 + 121 + 190 + 192 \\ 631 &:= 2^8 + 11^0 + 12^1 + 18^0 + 19^2 = 28 + 110 + 121 + 180 + 192 \\ 631 &:= 2^8 + 12^0 + 12^1 + 17^0 + 19^2 = 28 + 120 + 121 + 170 + 192 \\ 631 &:= 2^8 + 12^1 + 13^0 + 16^0 + 19^2 = 28 + 121 + 130 + 160 + 192 \\ 631 &:= 2^8 + 12^1 + 14^0 + 15^0 + 19^2 = 28 + 121 + 140 + 150 + 192 \\ 631 &:= 2^8 + 3^0 + 12^1 + 19^2 + 26^0 = 28 + 30 + 121 + 192 + 260 \\ 631 &:= 2^8 + 4^0 + 12^1 + 19^2 + 25^0 = 28 + 40 + 121 + 192 + 250 \\ 631 &:= 2^8 + 5^0 + 12^1 + 19^2 + 24^0 = 28 + 50 + 121 + 192 + 240 \\ 631 &:= 2^8 + 6^0 + 12^1 + 19^2 + 23^0 = 28 + 60 + 121 + 192 + 230 \\ 631 &:= 2^8 + 7^0 + 12^1 + 19^2 + 22^0 = 28 + 70 + 121 + 192 + 220 \\ 631 &:= 2^8 + 8^0 + 12^1 + 19^2 + 21^0 = 28 + 80 + 121 + 192 + 210 \\ 631 &:= 2^8 + 9^0 + 12^1 + 19^2 + 20^0 = 28 + 90 + 121 + 192 + 200 \end{aligned}$$

$$\begin{aligned}
 631 &:= 3^3 + 3^4 + 9^2 + 21^2 + 26^0 = 33 + 34 + 92 + 212 + 260 \\
 631 &:= 3^4 + 3^4 + 8^0 + 21^2 + 27^1 = 34 + 34 + 80 + 212 + 271 \\
 631 &:= 3^4 + 4^3 + 14^2 + 17^2 + 24^0 = 34 + 43 + 142 + 172 + 240 \\
 631 &:= 3^4 + 5^3 + 10^2 + 18^2 + 26^0 = 34 + 53 + 102 + 182 + 260 \\
 631 &:= 3^5 + 6^3 + 12^2 + 14^0 + 27^1 = 35 + 63 + 122 + 140 + 271
 \end{aligned}$$

$$\begin{aligned}
 631 &:= 3^5 + 7^2 + 13^2 + 13^2 + 26^0 = 35 + 72 + 132 + 132 + 260 \\
 631 &:= 3^5 + 9^2 + 9^2 + 15^2 + 26^0 = 35 + 92 + 92 + 152 + 260 \\
 631 &:= 4^4 + 4^4 + 10^2 + 18^1 + 26^0 = 44 + 44 + 102 + 181 + 260
 \end{aligned}$$

2.2.533 Number 632

$$\begin{aligned}
 632 &:= 1^7 + 5^1 + 5^4 + 51^0 = 17 + 51 + 54 + 510 \\
 632 &:= 1^9 + 5^1 + 25^2 + 31^0 = 19 + 51 + 252 + 310 \\
 632 &:= 2^5 + 3^4 + 22^2 + 35^1 = 25 + 34 + 222 + 351 \\
 632 &:= 2^5 + 4^4 + 7^3 + 49^0 = 25 + 44 + 73 + 490 \\
 632 &:= 2^8 + 7^3 + 21^0 + 32^1 = 28 + 73 + 210 + 321 \\
 632 &:= 2^9 + 10^2 + 19^1 + 31^0 = 29 + 102 + 191 + 310 \\
 632 &:= 2^9 + 9^2 + 13^0 + 38^1 = 29 + 92 + 130 + 381 \\
 632 &:= 3^5 + 5^3 + 6^3 + 48^1 = 35 + 53 + 63 + 481 \\
 632 &:= 1^0 + 1^8 + 10^2 + 23^2 + 27^0 = 10 + 18 + 102 + 232 + 270 \\
 632 &:= 1^1 + 1^7 + 10^2 + 23^2 + 27^0 = 11 + 17 + 102 + 232 + 270 \\
 632 &:= 1^1 + 2^8 + 13^1 + 19^2 + 27^0 = 11 + 28 + 131 + 192 + 270 \\
 632 &:= 1^2 + 1^6 + 10^2 + 23^2 + 27^0 = 12 + 16 + 102 + 232 + 270 \\
 632 &:= 1^2 + 2^7 + 18^1 + 19^0 + 22^2 = 12 + 27 + 181 + 190 + 222 \\
 632 &:= 1^3 + 1^5 + 10^2 + 23^2 + 27^0 = 13 + 15 + 102 + 232 + 270 \\
 632 &:= 1^4 + 1^4 + 10^2 + 23^2 + 27^0 = 14 + 14 + 102 + 232 + 270 \\
 632 &:= 1^4 + 2^5 + 13^0 + 22^1 + 24^2 = 14 + 25 + 130 + 221 + 242 \\
 632 &:= 1^4 + 3^3 + 16^2 + 18^2 + 24^1 = 14 + 33 + 162 + 182 + 241 \\
 632 &:= 1^4 + 3^4 + 15^2 + 18^2 + 25^0 = 14 + 34 + 152 + 182 + 250 \\
 632 &:= 1^4 + 3^5 + 13^0 + 19^2 + 26^1 = 14 + 35 + 130 + 192 + 261 \\
 632 &:= 1^4 + 4^3 + 10^2 + 21^2 + 26^1 = 14 + 43 + 102 + 212 + 261 \\
 632 &:= 1^4 + 5^3 + 15^2 + 16^2 + 25^1 = 14 + 53 + 152 + 162 + 251 \\
 632 &:= 1^5 + 10^2 + 16^2 + 16^2 + 19^1 = 15 + 102 + 162 + 162 + 191 \\
 632 &:= 1^5 + 12^2 + 12^2 + 18^2 + 19^1 = 15 + 122 + 122 + 182 + 191 \\
 632 &:= 1^5 + 3^4 + 15^0 + 20^1 + 23^2 = 15 + 34 + 150 + 201 + 232 \\
 632 &:= 1^5 + 4^4 + 13^1 + 19^2 + 25^0 = 15 + 44 + 131 + 192 + 250 \\
 632 &:= 1^5 + 5^3 + 12^2 + 19^2 + 25^0 = 15 + 53 + 122 + 192 + 250 \\
 632 &:= 1^5 + 5^3 + 8^2 + 21^2 + 27^0 = 15 + 53 + 82 + 212 + 270 \\
 632 &:= 1^5 + 9^2 + 13^2 + 19^2 + 20^1 = 15 + 92 + 132 + 192 + 201 \\
 632 &:= 1^6 + 10^2 + 13^2 + 19^0 + 19^2 = 16 + 102 + 132 + 190 + 192 \\
 632 &:= 1^6 + 2^2 + 5^4 + 27^0 + 27^0 = 16 + 22 + 54 + 270 + 270 \\
 632 &:= 1^6 + 3^3 + 7^0 + 24^2 + 27^1 = 16 + 33 + 70 + 242 + 271
 \end{aligned}$$

$$\begin{aligned}
 632 &:= 1^6 + 5^2 + 11^2 + 22^2 + 23^0 = 16 + 52 + 112 + 222 + 230 \\
 632 &:= 1^6 + 5^3 + 13^0 + 21^1 + 22^2 = 16 + 53 + 130 + 211 + 222 \\
 632 &:= 1^6 + 6^3 + 14^1 + 20^2 + 21^0 = 16 + 63 + 141 + 202 + 210 \\
 632 &:= 1^6 + 8^3 + 10^2 + 18^1 + 25^0 = 16 + 83 + 102 + 181 + 250 \\
 632 &:= 1^6 + 9^2 + 15^2 + 18^2 + 19^0 = 16 + 92 + 152 + 182 + 190 \\
 632 &:= 1^7 + 13^0 + 13^1 + 16^2 + 19^2 = 17 + 130 + 131 + 162 + 192 \\
 632 &:= 1^7 + 2^1 + 12^2 + 22^2 + 25^0 = 17 + 21 + 122 + 222 + 250 \\
 632 &:= 1^7 + 3^0 + 11^2 + 22^2 + 25^1 = 17 + 30 + 112 + 222 + 251 \\
 632 &:= 1^7 + 4^1 + 5^4 + 25^0 + 27^0 = 17 + 41 + 54 + 250 + 270 \\
 632 &:= 1^7 + 4^1 + 5^4 + 26^0 + 26^0 = 17 + 41 + 54 + 260 + 260 \\
 632 &:= 1^7 + 5^1 + 15^2 + 20^2 + 21^0 = 17 + 51 + 152 + 202 + 210 \\
 632 &:= 1^7 + 5^1 + 7^2 + 24^2 + 25^0 = 17 + 51 + 72 + 242 + 250 \\
 632 &:= 1^7 + 6^2 + 13^0 + 18^1 + 24^2 = 17 + 62 + 130 + 181 + 242 \\
 632 &:= 1^7 + 7^0 + 13^2 + 20^1 + 21^2 = 17 + 70 + 132 + 201 + 212 \\
 632 &:= 1^7 + 9^0 + 17^1 + 17^2 + 18^2 = 17 + 90 + 171 + 172 + 182 \\
 632 &:= 1^7 + 9^0 + 9^2 + 20^1 + 23^2 = 17 + 90 + 92 + 201 + 232 \\
 632 &:= 1^8 + 10^0 + 10^2 + 18^0 + 23^2 = 18 + 100 + 102 + 180 + 232 \\
 632 &:= 1^8 + 10^2 + 11^0 + 17^0 + 23^2 = 18 + 102 + 110 + 170 + 232 \\
 632 &:= 1^8 + 10^2 + 12^0 + 16^0 + 23^2 = 18 + 102 + 120 + 160 + 232 \\
 632 &:= 1^8 + 10^2 + 13^0 + 15^0 + 23^2 = 18 + 102 + 130 + 150 + 232 \\
 632 &:= 1^8 + 10^2 + 14^0 + 14^0 + 23^2 = 18 + 102 + 140 + 140 + 232 \\
 632 &:= 1^8 + 2^0 + 10^2 + 23^2 + 26^0 = 18 + 20 + 102 + 232 + 260 \\
 632 &:= 1^8 + 2^2 + 10^0 + 24^0 + 25^2 = 18 + 22 + 100 + 240 + 252 \\
 632 &:= 1^8 + 2^2 + 11^0 + 23^0 + 25^2 = 18 + 22 + 110 + 230 + 252 \\
 632 &:= 1^8 + 2^2 + 12^0 + 22^0 + 25^2 = 18 + 22 + 120 + 220 + 252 \\
 632 &:= 1^8 + 2^2 + 13^0 + 21^0 + 25^2 = 18 + 22 + 130 + 210 + 252 \\
 632 &:= 1^8 + 2^2 + 14^0 + 20^0 + 25^2 = 18 + 22 + 140 + 200 + 252 \\
 632 &:= 1^8 + 2^2 + 15^0 + 19^0 + 25^2 = 18 + 22 + 150 + 190 + 252 \\
 632 &:= 1^8 + 2^2 + 16^0 + 18^0 + 25^2 = 18 + 22 + 160 + 180 + 252 \\
 632 &:= 1^8 + 2^2 + 17^0 + 17^0 + 25^2 = 18 + 22 + 170 + 170 + 252 \\
 632 &:= 1^8 + 2^2 + 7^0 + 25^2 + 27^0 = 18 + 22 + 70 + 252 + 270
 \end{aligned}$$

$$\begin{aligned} 632 &:= 1^8 + 2^2 + 8^0 + 25^2 + 26^0 = 18 + 22 + 80 + 252 + 260 & 632 &:= 2^5 + 10^2 + 15^2 + 16^2 + 19^1 = 25 + 102 + 152 + 162 + 191 \\ 632 &:= 1^8 + 2^2 + 9^0 + 25^0 + 25^2 = 18 + 22 + 90 + 250 + 252 & 632 &:= 2^5 + 3^2 + 9^2 + 22^2 + 26^1 = 25 + 32 + 92 + 222 + 261 \\ 632 &:= 1^8 + 3^0 + 10^2 + 23^2 + 25^0 = 18 + 30 + 102 + 232 + 250 & 632 &:= 2^5 + 4^3 + 8^3 + 23^1 + 25^0 = 25 + 43 + 83 + 231 + 250 \\ 632 &:= 1^8 + 4^0 + 10^2 + 23^2 + 24^0 = 18 + 40 + 102 + 232 + 240 & 632 &:= 2^5 + 4^4 + 18^2 + 19^0 + 19^1 = 25 + 44 + 182 + 190 + 191 \\ 632 &:= 1^8 + 5^0 + 10^2 + 23^0 + 23^2 = 18 + 50 + 102 + 230 + 232 & 632 &:= 2^5 + 5^3 + 10^1 + 21^2 + 24^1 = 25 + 53 + 101 + 212 + 241 \\ 632 &:= 1^8 + 6^0 + 10^2 + 22^0 + 23^2 = 18 + 60 + 102 + 220 + 232 & 632 &:= 2^5 + 5^3 + 11^1 + 21^2 + 23^1 = 25 + 53 + 111 + 212 + 231 \\ 632 &:= 1^8 + 7^0 + 10^2 + 21^0 + 23^2 = 18 + 70 + 102 + 210 + 232 & 632 &:= 2^5 + 5^3 + 12^1 + 21^2 + 22^1 = 25 + 53 + 121 + 212 + 221 \\ 632 &:= 1^8 + 8^0 + 10^2 + 20^0 + 23^2 = 18 + 80 + 102 + 200 + 232 & 632 &:= 2^5 + 5^3 + 13^1 + 21^1 + 21^2 = 25 + 53 + 131 + 211 + 212 \\ 632 &:= 1^8 + 9^0 + 10^2 + 19^0 + 23^2 = 18 + 90 + 102 + 190 + 232 & 632 &:= 2^5 + 5^3 + 14^1 + 20^1 + 21^2 = 25 + 53 + 141 + 201 + 212 \\ 632 &:= 1^9 + 1^9 + 10^2 + 23^2 + 26^0 = 19 + 19 + 102 + 232 + 260 & 632 &:= 2^5 + 5^3 + 15^1 + 19^1 + 21^2 = 25 + 53 + 151 + 191 + 212 \\ 632 &:= 1^9 + 4^1 + 10^0 + 22^0 + 25^2 = 19 + 41 + 100 + 220 + 252 & 632 &:= 2^5 + 5^3 + 16^1 + 18^1 + 21^2 = 25 + 53 + 161 + 181 + 212 \\ 632 &:= 1^9 + 4^1 + 11^0 + 21^0 + 25^2 = 19 + 41 + 110 + 210 + 252 & 632 &:= 2^5 + 5^3 + 17^1 + 17^1 + 21^2 = 25 + 53 + 171 + 171 + 212 \\ 632 &:= 1^9 + 4^1 + 12^0 + 20^0 + 25^2 = 19 + 41 + 120 + 200 + 252 & 632 &:= 2^5 + 5^3 + 7^1 + 21^2 + 27^1 = 25 + 53 + 71 + 212 + 271 \\ 632 &:= 1^9 + 4^1 + 13^0 + 19^0 + 25^2 = 19 + 41 + 130 + 190 + 252 & 632 &:= 2^5 + 5^3 + 8^1 + 21^2 + 26^1 = 25 + 53 + 81 + 212 + 261 \\ 632 &:= 1^9 + 4^1 + 14^0 + 18^0 + 25^2 = 19 + 41 + 140 + 180 + 252 & 632 &:= 2^5 + 5^3 + 9^1 + 21^2 + 25^1 = 25 + 53 + 91 + 212 + 251 \\ 632 &:= 1^9 + 4^1 + 15^0 + 17^0 + 25^2 = 19 + 41 + 150 + 170 + 252 & 632 &:= 2^5 + 6^2 + 10^2 + 21^2 + 23^1 = 25 + 62 + 102 + 212 + 231 \\ 632 &:= 1^9 + 4^1 + 16^0 + 16^0 + 25^2 = 19 + 41 + 160 + 160 + 252 & 632 &:= 2^5 + 7^2 + 13^2 + 19^2 + 21^1 = 25 + 72 + 132 + 192 + 211 \\ 632 &:= 1^9 + 4^1 + 5^0 + 25^2 + 27^0 = 19 + 41 + 50 + 252 + 270 & 632 &:= 2^6 + 3^3 + 11^1 + 23^0 + 23^2 = 26 + 33 + 111 + 230 + 232 \\ 632 &:= 1^9 + 4^1 + 6^0 + 25^2 + 26^0 = 19 + 41 + 60 + 252 + 260 & 632 &:= 2^6 + 4^3 + 15^0 + 19^1 + 22^2 = 26 + 43 + 150 + 191 + 222 \\ 632 &:= 1^9 + 4^1 + 7^0 + 25^0 + 25^2 = 19 + 41 + 70 + 250 + 252 & 632 &:= 2^6 + 6^2 + 8^3 + 19^1 + 27^0 = 26 + 62 + 83 + 191 + 270 \\ 632 &:= 1^9 + 4^1 + 8^0 + 24^0 + 25^2 = 19 + 41 + 80 + 240 + 252 & 632 &:= 2^6 + 6^3 + 9^0 + 18^2 + 27^1 = 26 + 63 + 90 + 182 + 271 \\ 632 &:= 1^9 + 4^1 + 9^0 + 23^0 + 25^2 = 19 + 41 + 90 + 230 + 252 & 632 &:= 2^7 + 10^1 + 13^2 + 18^2 + 19^0 = 27 + 101 + 132 + 182 + 190 \\ 632 &:= 2^1 + 2^8 + 12^1 + 19^2 + 27^0 = 21 + 28 + 121 + 192 + 270 & 632 &:= 2^7 + 11^0 + 14^2 + 17^2 + 18^1 = 27 + 110 + 142 + 172 + 181 \\ 632 &:= 2^2 + 2^6 + 10^1 + 23^2 + 25^1 = 22 + 26 + 101 + 232 + 251 & 632 &:= 2^7 + 3^1 + 10^2 + 20^2 + 27^0 = 27 + 31 + 102 + 202 + 270 \\ 632 &:= 2^2 + 2^6 + 11^1 + 23^2 + 24^1 = 22 + 26 + 111 + 232 + 241 & 632 &:= 2^7 + 3^2 + 10^1 + 22^2 + 25^0 = 27 + 32 + 101 + 222 + 250 \\ 632 &:= 2^2 + 2^6 + 12^1 + 23^1 + 23^2 = 22 + 26 + 121 + 231 + 232 & 632 &:= 2^7 + 6^2 + 7^0 + 21^2 + 26^1 = 27 + 62 + 70 + 212 + 261 \\ 632 &:= 2^2 + 2^6 + 13^1 + 22^1 + 23^2 = 22 + 26 + 131 + 221 + 232 & 632 &:= 2^7 + 7^0 + 15^2 + 16^2 + 22^1 = 27 + 70 + 152 + 162 + 221 \\ 632 &:= 2^2 + 2^6 + 14^1 + 21^1 + 23^2 = 22 + 26 + 141 + 211 + 232 & 632 &:= 2^7 + 7^2 + 13^1 + 19^0 + 21^2 = 27 + 72 + 131 + 190 + 212 \\ 632 &:= 2^2 + 2^6 + 15^1 + 20^1 + 23^2 = 22 + 26 + 151 + 201 + 232 & 632 &:= 2^7 + 9^0 + 11^2 + 19^2 + 21^1 = 27 + 90 + 112 + 192 + 211 \\ 632 &:= 2^2 + 2^6 + 16^1 + 19^1 + 23^2 = 22 + 26 + 161 + 191 + 232 & 632 &:= 2^7 + 9^0 + 9^2 + 20^2 + 22^1 = 27 + 90 + 92 + 202 + 221 \\ 632 &:= 2^2 + 2^6 + 17^1 + 18^1 + 23^2 = 22 + 26 + 171 + 181 + 232 & 632 &:= 2^8 + 3^1 + 11^1 + 19^2 + 27^0 = 28 + 31 + 111 + 192 + 270 \\ 632 &:= 2^2 + 2^6 + 8^1 + 23^2 + 27^1 = 22 + 26 + 81 + 232 + 271 & 632 &:= 2^8 + 4^1 + 10^1 + 19^2 + 27^0 = 28 + 41 + 101 + 192 + 270 \\ 632 &:= 2^2 + 2^6 + 9^1 + 23^2 + 26^1 = 22 + 26 + 91 + 232 + 261 & 632 &:= 2^8 + 5^1 + 9^1 + 19^2 + 27^0 = 28 + 51 + 91 + 192 + 270 \\ 632 &:= 2^2 + 2^7 + 15^1 + 21^0 + 22^2 = 22 + 27 + 151 + 210 + 222 & 632 &:= 2^8 + 6^1 + 8^1 + 19^2 + 27^0 = 28 + 61 + 81 + 192 + 270 \\ 632 &:= 2^4 + 2^5 + 7^1 + 24^2 + 27^0 = 24 + 25 + 71 + 242 + 270 & 632 &:= 2^8 + 7^1 + 7^1 + 19^2 + 27^0 = 28 + 71 + 71 + 192 + 270 \\ 632 &:= 2^4 + 3^4 + 8^3 + 22^1 + 27^0 = 24 + 34 + 83 + 221 + 270 & 632 &:= 2^9 + 10^0 + 10^2 + 18^1 + 22^0 = 29 + 100 + 102 + 181 + 220 \\ 632 &:= 2^4 + 3^5 + 11^1 + 19^2 + 27^0 = 24 + 35 + 111 + 192 + 270 & 632 &:= 2^9 + 10^2 + 11^0 + 18^1 + 21^0 = 29 + 102 + 110 + 181 + 210 \\ 632 &:= 2^4 + 5^3 + 8^2 + 20^2 + 27^1 = 24 + 53 + 82 + 202 + 271 & 632 &:= 2^9 + 10^2 + 12^0 + 18^1 + 20^0 = 29 + 102 + 120 + 181 + 200 \end{aligned}$$

$$\begin{aligned}
 632 &:= 2^9 + 10^2 + 13^0 + 18^1 + 19^0 = 29 + 102 + 130 + 181 + 190 \\
 632 &:= 2^9 + 10^2 + 14^0 + 18^0 + 18^1 = 29 + 102 + 140 + 180 + 181 \\
 632 &:= 2^9 + 10^2 + 15^0 + 17^0 + 18^1 = 29 + 102 + 150 + 170 + 181 \\
 632 &:= 2^9 + 10^2 + 16^0 + 16^0 + 18^1 = 29 + 102 + 160 + 160 + 181 \\
 632 &:= 2^9 + 5^0 + 10^2 + 18^1 + 27^0 = 29 + 50 + 102 + 181 + 270 \\
 632 &:= 2^9 + 6^0 + 10^2 + 18^1 + 26^0 = 29 + 60 + 102 + 181 + 260 \\
 632 &:= 2^9 + 7^0 + 10^2 + 18^1 + 25^0 = 29 + 70 + 102 + 181 + 250 \\
 632 &:= 2^9 + 8^0 + 10^2 + 18^1 + 24^0 = 29 + 80 + 102 + 181 + 240 \\
 632 &:= 2^9 + 9^0 + 10^2 + 18^1 + 23^0 = 29 + 90 + 102 + 181 + 230 \\
 632 &:= 3^3 + 3^5 + 11^1 + 18^2 + 27^1 = 33 + 35 + 111 + 182 + 271 \\
 632 &:= 3^3 + 3^5 + 12^1 + 18^2 + 26^1 = 33 + 35 + 121 + 182 + 261 \\
 632 &:= 3^3 + 3^5 + 13^1 + 18^2 + 25^1 = 33 + 35 + 131 + 182 + 251 \\
 632 &:= 3^3 + 3^5 + 14^1 + 18^2 + 24^1 = 33 + 35 + 141 + 182 + 241 \\
 632 &:= 3^3 + 3^5 + 15^1 + 18^2 + 23^1 = 33 + 35 + 151 + 182 + 231 \\
 632 &:= 3^3 + 3^5 + 16^1 + 18^2 + 22^1 = 33 + 35 + 161 + 182 + 221 \\
 632 &:= 3^3 + 3^5 + 17^1 + 18^2 + 21^1 = 33 + 35 + 171 + 182 + 211 \\
 632 &:= 3^3 + 3^5 + 18^1 + 18^2 + 20^1 = 33 + 35 + 181 + 182 + 201 \\
 632 &:= 3^3 + 3^5 + 18^2 + 19^1 + 19^1 = 33 + 35 + 182 + 191 + 191 \\
 632 &:= 3^4 + 3^5 + 17^2 + 18^1 + 21^0 = 34 + 35 + 172 + 181 + 210 \\
 632 &:= 3^4 + 4^3 + 10^2 + 19^2 + 26^1 = 34 + 43 + 102 + 192 + 261 \\
 632 &:= 3^4 + 4^4 + 12^1 + 16^2 + 27^1 = 34 + 44 + 121 + 162 + 271 \\
 632 &:= 3^4 + 4^4 + 13^1 + 16^2 + 26^1 = 34 + 44 + 131 + 162 + 261 \\
 632 &:= 3^4 + 4^4 + 14^1 + 16^2 + 25^1 = 34 + 44 + 141 + 162 + 251
 \end{aligned}$$

$$\begin{aligned}
 632 &:= 3^4 + 4^4 + 15^1 + 16^2 + 24^1 = 34 + 44 + 151 + 162 + 241 \\
 632 &:= 3^4 + 4^4 + 16^1 + 16^2 + 23^1 = 34 + 44 + 161 + 162 + 231 \\
 632 &:= 3^4 + 4^4 + 16^2 + 17^1 + 22^1 = 34 + 44 + 162 + 171 + 221 \\
 632 &:= 3^4 + 4^4 + 16^2 + 18^1 + 21^1 = 34 + 44 + 162 + 181 + 211 \\
 632 &:= 3^4 + 4^4 + 16^2 + 19^1 + 20^1 = 34 + 44 + 162 + 191 + 201 \\
 632 &:= 3^4 + 5^3 + 12^2 + 16^2 + 26^1 = 34 + 53 + 122 + 162 + 261 \\
 632 &:= 3^5 + 11^2 + 11^2 + 11^2 + 26^1 = 35 + 112 + 112 + 112 + 261 \\
 632 &:= 3^5 + 3^5 + 12^2 + 17^0 + 27^0 = 35 + 35 + 122 + 170 + 270 \\
 632 &:= 3^5 + 3^5 + 12^2 + 18^0 + 26^0 = 35 + 35 + 122 + 180 + 260 \\
 632 &:= 3^5 + 3^5 + 12^2 + 19^0 + 25^0 = 35 + 35 + 122 + 190 + 250 \\
 632 &:= 3^5 + 3^5 + 12^2 + 20^0 + 24^0 = 35 + 35 + 122 + 200 + 240 \\
 632 &:= 3^5 + 3^5 + 12^2 + 21^0 + 23^0 = 35 + 35 + 122 + 210 + 230 \\
 632 &:= 3^5 + 3^5 + 12^2 + 22^0 + 22^0 = 35 + 35 + 122 + 220 + 220 \\
 632 &:= 3^5 + 5^3 + 12^1 + 15^2 + 27^1 = 35 + 53 + 121 + 152 + 271 \\
 632 &:= 3^5 + 5^3 + 13^1 + 15^2 + 26^1 = 35 + 53 + 131 + 152 + 261 \\
 632 &:= 3^5 + 5^3 + 14^1 + 15^2 + 25^1 = 35 + 53 + 141 + 152 + 251 \\
 632 &:= 3^5 + 5^3 + 15^1 + 15^2 + 24^1 = 35 + 53 + 151 + 152 + 241 \\
 632 &:= 3^5 + 5^3 + 15^2 + 16^1 + 23^1 = 35 + 53 + 152 + 161 + 231 \\
 632 &:= 3^5 + 5^3 + 15^2 + 17^1 + 22^1 = 35 + 53 + 152 + 171 + 221 \\
 632 &:= 3^5 + 5^3 + 15^2 + 18^1 + 21^1 = 35 + 53 + 152 + 181 + 211 \\
 632 &:= 3^5 + 5^3 + 15^2 + 19^1 + 20^1 = 35 + 53 + 152 + 191 + 201 \\
 632 &:= 3^5 + 7^2 + 12^2 + 13^2 + 27^1 = 35 + 72 + 122 + 132 + 271
 \end{aligned}$$

2.2.534 Number 633

$$\begin{aligned}
 633 &:= 7^1 + 25^2 + 31^0 = 71 + 252 + 310 \\
 633 &:= 1^0 + 6^1 + 25^2 + 31^0 = 10 + 61 + 252 + 310 \\
 633 &:= 1^7 + 2^6 + 2^9 + 56^1 = 17 + 26 + 29 + 561 \\
 633 &:= 1^8 + 5^4 + 6^1 + 50^0 = 18 + 54 + 61 + 500 \\
 633 &:= 2^0 + 6^1 + 25^2 + 30^0 = 20 + 61 + 252 + 300 \\
 633 &:= 3^0 + 6^1 + 25^2 + 29^0 = 30 + 61 + 252 + 290 \\
 633 &:= 4^0 + 6^1 + 25^2 + 28^0 = 40 + 61 + 252 + 280 \\
 633 &:= 5^0 + 6^1 + 25^2 + 27^0 = 50 + 61 + 252 + 270 \\
 633 &:= 6^0 + 6^1 + 25^2 + 26^0 = 60 + 61 + 252 + 260 \\
 633 &:= 6^1 + 10^0 + 22^0 + 25^2 = 61 + 100 + 220 + 252 \\
 633 &:= 6^1 + 11^0 + 21^0 + 25^2 = 61 + 110 + 210 + 252 \\
 633 &:= 6^1 + 12^0 + 20^0 + 25^2 = 61 + 120 + 200 + 252
 \end{aligned}$$

$$\begin{aligned}
 633 &:= 6^1 + 13^0 + 19^0 + 25^2 = 61 + 130 + 190 + 252 \\
 633 &:= 6^1 + 14^0 + 18^0 + 25^2 = 61 + 140 + 180 + 252 \\
 633 &:= 6^1 + 15^0 + 17^0 + 25^2 = 61 + 150 + 170 + 252 \\
 633 &:= 6^1 + 16^0 + 16^0 + 25^2 = 61 + 160 + 160 + 252 \\
 633 &:= 6^1 + 7^0 + 25^0 + 25^2 = 61 + 70 + 250 + 252 \\
 633 &:= 6^1 + 8^0 + 24^0 + 25^2 = 61 + 80 + 240 + 252 \\
 633 &:= 6^1 + 9^0 + 23^0 + 25^2 = 61 + 90 + 230 + 252 \\
 633 &:= 1^0 + 5^0 + 5^1 + 25^2 + 27^0 = 10 + 50 + 51 + 252 + 270 \\
 633 &:= 1^0 + 5^1 + 10^0 + 22^0 + 25^2 = 10 + 51 + 100 + 220 + 252 \\
 633 &:= 1^0 + 5^1 + 11^0 + 21^0 + 25^2 = 10 + 51 + 110 + 210 + 252 \\
 633 &:= 1^0 + 5^1 + 12^0 + 20^0 + 25^2 = 10 + 51 + 120 + 200 + 252 \\
 633 &:= 1^0 + 5^1 + 13^0 + 19^0 + 25^2 = 10 + 51 + 130 + 190 + 252
 \end{aligned}$$

$$\begin{aligned} 633 &:= 1^0 + 5^1 + 14^0 + 18^0 + 25^2 = 10 + 51 + 140 + 180 + 252 \\ 633 &:= 1^0 + 5^1 + 15^0 + 17^0 + 25^2 = 10 + 51 + 150 + 170 + 252 \\ 633 &:= 1^0 + 5^1 + 16^0 + 16^0 + 25^2 = 10 + 51 + 160 + 160 + 252 \\ 633 &:= 1^0 + 5^1 + 6^0 + 25^2 + 26^0 = 10 + 51 + 60 + 252 + 260 \\ 633 &:= 1^0 + 5^1 + 7^0 + 25^0 + 25^2 = 10 + 51 + 70 + 250 + 252 \\ 633 &:= 1^0 + 5^1 + 8^0 + 24^0 + 25^2 = 10 + 51 + 80 + 240 + 252 \\ 633 &:= 1^0 + 5^1 + 9^0 + 23^0 + 25^2 = 10 + 51 + 90 + 230 + 252 \\ 633 &:= 1^2 + 2^8 + 14^1 + 19^2 + 26^0 = 12 + 28 + 141 + 192 + 260 \\ 633 &:= 1^3 + 2^7 + 18^0 + 19^1 + 22^2 = 13 + 27 + 180 + 191 + 222 \\ 633 &:= 1^5 + 2^5 + 12^0 + 23^1 + 24^2 = 15 + 25 + 120 + 231 + 242 \\ 633 &:= 1^5 + 3^5 + 12^0 + 19^2 + 27^1 = 15 + 35 + 120 + 192 + 271 \\ 633 &:= 1^6 + 3^4 + 14^0 + 21^1 + 23^2 = 16 + 34 + 140 + 211 + 232 \\ 633 &:= 1^6 + 4^4 + 14^1 + 19^2 + 24^0 = 16 + 44 + 141 + 192 + 240 \\ 633 &:= 1^7 + 5^3 + 12^0 + 22^1 + 22^2 = 17 + 53 + 120 + 221 + 222 \\ 633 &:= 1^7 + 6^3 + 15^1 + 20^0 + 20^2 = 17 + 63 + 151 + 200 + 202 \\ 633 &:= 1^7 + 8^3 + 10^2 + 19^1 + 24^0 = 17 + 83 + 102 + 191 + 240 \\ 633 &:= 1^8 + 12^0 + 14^1 + 16^2 + 19^2 = 18 + 120 + 141 + 162 + 192 \\ 633 &:= 1^8 + 2^0 + 11^2 + 22^2 + 26^1 = 18 + 20 + 112 + 222 + 261 \\ 633 &:= 1^8 + 2^1 + 10^2 + 23^2 + 26^0 = 18 + 21 + 102 + 232 + 260 \\ 633 &:= 1^8 + 3^1 + 12^2 + 22^2 + 24^0 = 18 + 31 + 122 + 222 + 240 \\ 633 &:= 1^8 + 5^1 + 5^4 + 24^0 + 27^0 = 18 + 51 + 54 + 240 + 270 \\ 633 &:= 1^8 + 5^1 + 5^4 + 25^0 + 26^0 = 18 + 51 + 54 + 250 + 260 \\ 633 &:= 1^8 + 6^0 + 13^2 + 21^1 + 21^2 = 18 + 60 + 132 + 211 + 212 \\ 633 &:= 1^8 + 6^1 + 15^2 + 20^0 + 20^2 = 18 + 61 + 152 + 200 + 202 \\ 633 &:= 1^8 + 6^1 + 7^2 + 24^0 + 24^2 = 18 + 61 + 72 + 240 + 242 \\ 633 &:= 1^8 + 6^2 + 12^0 + 19^1 + 24^2 = 18 + 62 + 120 + 191 + 242 \\ 633 &:= 1^8 + 8^0 + 17^2 + 18^1 + 18^2 = 18 + 80 + 172 + 181 + 182 \\ 633 &:= 1^8 + 8^0 + 9^2 + 21^1 + 23^2 = 18 + 80 + 92 + 211 + 232 \\ 633 &:= 1^9 + 1^9 + 11^2 + 22^2 + 26^1 = 19 + 19 + 112 + 222 + 261 \\ 633 &:= 2^0 + 4^0 + 5^1 + 25^2 + 27^0 = 20 + 40 + 51 + 252 + 270 \\ 633 &:= 2^0 + 5^0 + 5^1 + 25^2 + 26^0 = 20 + 50 + 51 + 252 + 260 \\ 633 &:= 2^0 + 5^1 + 10^0 + 21^0 + 25^2 = 20 + 51 + 100 + 210 + 252 \\ 633 &:= 2^0 + 5^1 + 11^0 + 20^0 + 25^2 = 20 + 51 + 110 + 200 + 252 \\ 633 &:= 2^0 + 5^1 + 12^0 + 19^0 + 25^2 = 20 + 51 + 120 + 190 + 252 \\ 633 &:= 2^0 + 5^1 + 13^0 + 18^0 + 25^2 = 20 + 51 + 130 + 180 + 252 \\ 633 &:= 2^0 + 5^1 + 14^0 + 17^0 + 25^2 = 20 + 51 + 140 + 170 + 252 \\ 633 &:= 2^0 + 5^1 + 15^0 + 16^0 + 25^2 = 20 + 51 + 150 + 160 + 252 \\ 633 &:= 2^0 + 5^1 + 6^0 + 25^0 + 25^2 = 20 + 51 + 60 + 250 + 252 \\ 633 &:= 2^0 + 5^1 + 7^0 + 24^0 + 25^2 = 20 + 51 + 70 + 240 + 252 \\ 633 &:= 2^0 + 5^1 + 8^0 + 23^0 + 25^2 = 20 + 51 + 80 + 230 + 252 \\ 633 &:= 2^0 + 5^1 + 9^0 + 22^0 + 25^2 = 20 + 51 + 90 + 220 + 252 \\ 633 &:= 2^3 + 2^7 + 12^1 + 22^2 + 24^0 = 23 + 27 + 121 + 222 + 240 \\ 633 &:= 2^4 + 2^5 + 10^2 + 22^2 + 26^0 = 24 + 25 + 102 + 222 + 260 \\ 633 &:= 2^4 + 2^6 + 12^0 + 23^1 + 23^2 = 24 + 26 + 120 + 231 + 232 \\ 633 &:= 2^6 + 3^3 + 10^2 + 21^2 + 26^0 = 26 + 33 + 102 + 212 + 260 \\ 633 &:= 2^6 + 3^5 + 12^0 + 18^2 + 27^0 = 26 + 35 + 120 + 182 + 270 \\ 633 &:= 2^6 + 3^5 + 13^0 + 18^2 + 26^0 = 26 + 35 + 130 + 182 + 260 \\ 633 &:= 2^6 + 3^5 + 14^0 + 18^2 + 25^0 = 26 + 35 + 140 + 182 + 250 \\ 633 &:= 2^6 + 3^5 + 15^0 + 18^2 + 24^0 = 26 + 35 + 150 + 182 + 240 \\ 633 &:= 2^6 + 3^5 + 16^0 + 18^2 + 23^0 = 26 + 35 + 160 + 182 + 230 \\ 633 &:= 2^6 + 3^5 + 17^0 + 18^2 + 22^0 = 26 + 35 + 170 + 182 + 220 \\ 633 &:= 2^6 + 3^5 + 18^0 + 18^2 + 21^0 = 26 + 35 + 180 + 182 + 210 \\ 633 &:= 2^6 + 3^5 + 18^2 + 19^0 + 20^0 = 26 + 35 + 182 + 190 + 200 \\ 633 &:= 2^6 + 4^4 + 16^0 + 17^2 + 23^1 = 26 + 44 + 160 + 172 + 231 \\ 633 &:= 2^7 + 5^3 + 18^0 + 18^1 + 19^2 = 27 + 53 + 180 + 181 + 192 \\ 633 &:= 2^7 + 6^2 + 12^2 + 18^2 + 24^0 = 27 + 62 + 122 + 182 + 240 \\ 633 &:= 2^7 + 7^3 + 12^2 + 17^1 + 24^0 = 27 + 73 + 122 + 171 + 240 \\ 633 &:= 2^8 + 10^2 + 14^0 + 16^2 + 20^1 = 28 + 102 + 140 + 162 + 201 \\ 633 &:= 2^8 + 11^1 + 13^2 + 14^2 + 22^0 = 28 + 111 + 132 + 142 + 220 \\ 633 &:= 2^8 + 5^2 + 10^0 + 18^2 + 27^1 = 28 + 52 + 100 + 182 + 271 \\ 633 &:= 2^8 + 6^1 + 7^3 + 20^0 + 27^1 = 28 + 61 + 73 + 200 + 271 \\ 633 &:= 2^8 + 6^2 + 16^1 + 18^2 + 20^0 = 28 + 62 + 161 + 182 + 200 \\ 633 &:= 2^8 + 7^1 + 12^2 + 15^2 + 26^0 = 28 + 71 + 122 + 152 + 260 \\ 633 &:= 2^8 + 7^1 + 7^3 + 20^0 + 26^1 = 28 + 71 + 73 + 200 + 261 \\ 633 &:= 2^8 + 7^3 + 10^1 + 20^0 + 23^1 = 28 + 73 + 101 + 200 + 231 \\ 633 &:= 2^8 + 7^3 + 11^1 + 20^0 + 22^1 = 28 + 73 + 111 + 200 + 221 \\ 633 &:= 2^8 + 7^3 + 12^1 + 20^0 + 21^1 = 28 + 73 + 121 + 200 + 211 \\ 633 &:= 2^8 + 7^3 + 13^1 + 20^0 + 20^1 = 28 + 73 + 131 + 200 + 201 \\ 633 &:= 2^8 + 7^3 + 14^1 + 19^1 + 20^0 = 28 + 73 + 141 + 191 + 200 \\ 633 &:= 2^8 + 7^3 + 15^1 + 18^1 + 20^0 = 28 + 73 + 151 + 181 + 200 \\ 633 &:= 2^8 + 7^3 + 16^1 + 17^1 + 20^0 = 28 + 73 + 161 + 171 + 200 \\ 633 &:= 2^8 + 7^3 + 8^1 + 20^0 + 25^1 = 28 + 73 + 81 + 200 + 251 \\ 633 &:= 2^8 + 7^3 + 9^1 + 20^0 + 24^1 = 28 + 73 + 91 + 200 + 241 \\ 633 &:= 2^8 + 8^2 + 12^0 + 17^2 + 23^1 = 28 + 82 + 120 + 172 + 231 \\ 633 &:= 2^9 + 9^2 + 12^0 + 12^1 + 27^1 = 29 + 92 + 120 + 121 + 271 \\ 633 &:= 2^9 + 9^2 + 12^0 + 13^1 + 26^1 = 29 + 92 + 120 + 131 + 261 \end{aligned}$$

$$\begin{aligned} 633 &:= 2^9 + 9^2 + 12^0 + 14^1 + 25^1 = 29 + 92 + 120 + 141 + 251 \\ 633 &:= 2^9 + 9^2 + 12^0 + 15^1 + 24^1 = 29 + 92 + 120 + 151 + 241 \\ 633 &:= 2^9 + 9^2 + 12^0 + 16^1 + 23^1 = 29 + 92 + 120 + 161 + 231 \\ 633 &:= 2^9 + 9^2 + 12^0 + 17^1 + 22^1 = 29 + 92 + 120 + 171 + 221 \\ 633 &:= 2^9 + 9^2 + 12^0 + 18^1 + 21^1 = 29 + 92 + 120 + 181 + 211 \\ 633 &:= 2^9 + 9^2 + 12^0 + 19^1 + 20^1 = 29 + 92 + 120 + 191 + 201 \\ 633 &:= 3^0 + 3^0 + 5^1 + 25^2 + 27^0 = 30 + 30 + 51 + 252 + 270 \\ 633 &:= 3^0 + 4^0 + 5^1 + 25^2 + 26^0 = 30 + 40 + 51 + 252 + 260 \\ 633 &:= 3^0 + 5^0 + 5^1 + 25^0 + 25^2 = 30 + 50 + 51 + 250 + 252 \\ 633 &:= 3^0 + 5^1 + 10^0 + 20^0 + 25^2 = 30 + 51 + 100 + 200 + 252 \\ 633 &:= 3^0 + 5^1 + 11^0 + 19^0 + 25^2 = 30 + 51 + 110 + 190 + 252 \\ 633 &:= 3^0 + 5^1 + 12^0 + 18^0 + 25^2 = 30 + 51 + 120 + 180 + 252 \\ 633 &:= 3^0 + 5^1 + 13^0 + 17^0 + 25^2 = 30 + 51 + 130 + 170 + 252 \\ 633 &:= 3^0 + 5^1 + 14^0 + 16^0 + 25^2 = 30 + 51 + 140 + 160 + 252 \\ 633 &:= 3^0 + 5^1 + 15^0 + 15^0 + 25^2 = 30 + 51 + 150 + 150 + 252 \\ 633 &:= 3^0 + 5^1 + 6^0 + 24^0 + 25^2 = 30 + 51 + 60 + 240 + 252 \\ 633 &:= 3^0 + 5^1 + 7^0 + 23^0 + 25^2 = 30 + 51 + 70 + 230 + 252 \\ 633 &:= 3^0 + 5^1 + 8^0 + 22^0 + 25^2 = 30 + 51 + 80 + 220 + 252 \\ 633 &:= 3^0 + 5^1 + 9^0 + 21^0 + 25^2 = 30 + 51 + 90 + 210 + 252 \\ 633 &:= 3^5 + 3^5 + 11^2 + 20^0 + 25^1 = 35 + 35 + 112 + 200 + 251 \\ 633 &:= 4^0 + 4^0 + 5^1 + 25^0 + 25^2 = 40 + 40 + 51 + 250 + 252 \\ 633 &:= 4^0 + 5^0 + 5^1 + 24^0 + 25^2 = 40 + 50 + 51 + 240 + 252 \\ 633 &:= 4^0 + 5^1 + 10^0 + 19^0 + 25^2 = 40 + 51 + 100 + 190 + 252 \\ 633 &:= 4^0 + 5^1 + 11^0 + 18^0 + 25^2 = 40 + 51 + 110 + 180 + 252 \\ 633 &:= 4^0 + 5^1 + 12^0 + 17^0 + 25^2 = 40 + 51 + 120 + 170 + 252 \\ 633 &:= 4^0 + 5^1 + 13^0 + 16^0 + 25^2 = 40 + 51 + 130 + 160 + 252 \\ 633 &:= 4^0 + 5^1 + 14^0 + 15^0 + 25^2 = 40 + 51 + 140 + 150 + 252 \\ 633 &:= 4^0 + 5^1 + 6^0 + 23^0 + 25^2 = 40 + 51 + 60 + 230 + 252 \\ 633 &:= 4^0 + 5^1 + 7^0 + 22^0 + 25^2 = 40 + 51 + 70 + 220 + 252 \\ 633 &:= 4^0 + 5^1 + 8^0 + 21^0 + 25^2 = 40 + 51 + 80 + 210 + 252 \\ 633 &:= 4^0 + 5^1 + 9^0 + 20^0 + 25^2 = 40 + 51 + 90 + 200 + 252 \\ 633 &:= 5^0 + 5^0 + 5^1 + 23^0 + 25^2 = 50 + 50 + 51 + 230 + 252 \\ 633 &:= 5^0 + 5^1 + 10^0 + 18^0 + 25^2 = 50 + 51 + 100 + 180 + 252 \\ 633 &:= 5^0 + 5^1 + 11^0 + 17^0 + 25^2 = 50 + 51 + 110 + 170 + 252 \\ 633 &:= 5^0 + 5^1 + 12^0 + 16^0 + 25^2 = 50 + 51 + 120 + 160 + 252 \end{aligned}$$

$$\begin{aligned} 633 &:= 5^0 + 5^1 + 13^0 + 15^0 + 25^2 = 50 + 51 + 130 + 150 + 252 \\ 633 &:= 5^0 + 5^1 + 14^0 + 14^0 + 25^2 = 50 + 51 + 140 + 140 + 252 \\ 633 &:= 5^0 + 5^1 + 6^0 + 22^0 + 25^2 = 50 + 51 + 60 + 220 + 252 \\ 633 &:= 5^0 + 5^1 + 7^0 + 21^0 + 25^2 = 50 + 51 + 70 + 210 + 252 \\ 633 &:= 5^0 + 5^1 + 8^0 + 20^0 + 25^2 = 50 + 51 + 80 + 200 + 252 \\ 633 &:= 5^0 + 5^1 + 9^0 + 19^0 + 25^2 = 50 + 51 + 90 + 190 + 252 \\ 633 &:= 5^1 + 10^0 + 10^0 + 13^0 + 25^2 = 51 + 100 + 100 + 130 + 252 \\ 633 &:= 5^1 + 10^0 + 11^0 + 12^0 + 25^2 = 51 + 100 + 110 + 120 + 252 \\ 633 &:= 5^1 + 11^0 + 11^0 + 11^0 + 25^2 = 51 + 110 + 110 + 110 + 252 \\ 633 &:= 5^1 + 6^0 + 10^0 + 17^0 + 25^2 = 51 + 60 + 100 + 170 + 252 \\ 633 &:= 5^1 + 6^0 + 11^0 + 16^0 + 25^2 = 51 + 60 + 110 + 160 + 252 \\ 633 &:= 5^1 + 6^0 + 12^0 + 15^0 + 25^2 = 51 + 60 + 120 + 150 + 252 \\ 633 &:= 5^1 + 6^0 + 13^0 + 14^0 + 25^2 = 51 + 60 + 130 + 140 + 252 \\ 633 &:= 5^1 + 6^0 + 6^0 + 21^0 + 25^2 = 51 + 60 + 60 + 210 + 252 \\ 633 &:= 5^1 + 6^0 + 7^0 + 20^0 + 25^2 = 51 + 60 + 70 + 200 + 252 \\ 633 &:= 5^1 + 6^0 + 8^0 + 19^0 + 25^2 = 51 + 60 + 80 + 190 + 252 \\ 633 &:= 5^1 + 6^0 + 9^0 + 18^0 + 25^2 = 51 + 60 + 90 + 180 + 252 \\ 633 &:= 5^1 + 7^0 + 10^0 + 16^0 + 25^2 = 51 + 70 + 100 + 160 + 252 \\ 633 &:= 5^1 + 7^0 + 11^0 + 15^0 + 25^2 = 51 + 70 + 110 + 150 + 252 \\ 633 &:= 5^1 + 7^0 + 12^0 + 14^0 + 25^2 = 51 + 70 + 120 + 140 + 252 \\ 633 &:= 5^1 + 7^0 + 13^0 + 13^0 + 25^2 = 51 + 70 + 130 + 130 + 252 \\ 633 &:= 5^1 + 7^0 + 7^0 + 19^0 + 25^2 = 51 + 70 + 70 + 190 + 252 \\ 633 &:= 5^1 + 7^0 + 8^0 + 18^0 + 25^2 = 51 + 70 + 80 + 180 + 252 \\ 633 &:= 5^1 + 7^0 + 9^0 + 17^0 + 25^2 = 51 + 70 + 90 + 170 + 252 \\ 633 &:= 5^1 + 8^0 + 10^0 + 15^0 + 25^2 = 51 + 80 + 100 + 150 + 252 \\ 633 &:= 5^1 + 8^0 + 11^0 + 14^0 + 25^2 = 51 + 80 + 110 + 140 + 252 \\ 633 &:= 5^1 + 8^0 + 12^0 + 13^0 + 25^2 = 51 + 80 + 120 + 130 + 252 \\ 633 &:= 5^1 + 8^0 + 8^0 + 17^0 + 25^2 = 51 + 80 + 80 + 170 + 252 \\ 633 &:= 5^1 + 8^0 + 9^0 + 16^0 + 25^2 = 51 + 80 + 90 + 160 + 252 \\ 633 &:= 5^1 + 9^0 + 10^0 + 14^0 + 25^2 = 51 + 90 + 100 + 140 + 252 \\ 633 &:= 5^1 + 9^0 + 11^0 + 13^0 + 25^2 = 51 + 90 + 110 + 130 + 252 \\ 633 &:= 5^1 + 9^0 + 12^0 + 12^0 + 25^2 = 51 + 90 + 120 + 120 + 252 \\ 633 &:= 5^1 + 9^0 + 9^0 + 15^0 + 25^2 = 51 + 90 + 90 + 150 + 252 \end{aligned}$$

2.2.535 Number 634

$634 := 1^1 + 7^1 + 25^2 + 30^0$	$= 11 + 71 + 252 + 300$	$634 := 1^7 + 11^2 + 13^2 + 18^2 + 19^1$	$= 17 + 112 + 132 + 182 + 191$
$634 := 1^9 + 11^2 + 22^2 + 28^1$	$= 19 + 112 + 222 + 281$	$634 := 1^7 + 3^3 + 11^2 + 22^2 + 25^0$	$= 17 + 33 + 112 + 222 + 250$
$634 := 1^9 + 5^2 + 24^2 + 32^1$	$= 19 + 52 + 242 + 321$	$634 := 1^7 + 3^4 + 13^0 + 22^1 + 23^2$	$= 17 + 34 + 130 + 221 + 232$
$634 := 1^9 + 5^4 + 7^1 + 49^0$	$= 19 + 54 + 71 + 490$	$634 := 1^7 + 4^4 + 15^1 + 19^2 + 23^0$	$= 17 + 44 + 151 + 192 + 230$
$634 := 1^9 + 7^3 + 17^2 + 37^0$	$= 19 + 73 + 172 + 370$	$634 := 1^7 + 5^2 + 10^2 + 22^2 + 24^1$	$= 17 + 52 + 102 + 222 + 241$
$634 := 2^1 + 6^1 + 25^2 + 30^0$	$= 21 + 61 + 252 + 300$	$634 := 1^7 + 5^2 + 12^2 + 21^2 + 23^1$	$= 17 + 52 + 122 + 212 + 231$
$634 := 2^4 + 2^8 + 19^2 + 39^0$	$= 24 + 28 + 192 + 390$	$634 := 1^7 + 5^2 + 15^2 + 19^2 + 22^1$	$= 17 + 52 + 152 + 192 + 221$
$634 := 2^8 + 4^4 + 11^2 + 45^0$	$= 28 + 44 + 112 + 450$	$634 := 1^7 + 7^2 + 11^2 + 21^2 + 22^1$	$= 17 + 72 + 112 + 212 + 221$
$634 := 2^9 + 3^2 + 8^2 + 49^1$	$= 29 + 32 + 82 + 491$	$634 := 1^7 + 8^2 + 15^2 + 18^2 + 20^1$	$= 17 + 82 + 152 + 182 + 201$
$634 := 2^9 + 3^4 + 17^0 + 40^1$	$= 29 + 34 + 170 + 401$	$634 := 1^8 + 10^1 + 11^2 + 18^1 + 22^2$	$= 18 + 101 + 112 + 181 + 222$
$634 := 2^9 + 5^2 + 7^2 + 48^1$	$= 29 + 52 + 72 + 481$	$634 := 1^8 + 11^1 + 11^2 + 17^1 + 22^2$	$= 18 + 111 + 112 + 171 + 222$
$634 := 3^1 + 5^1 + 25^2 + 30^0$	$= 31 + 51 + 252 + 300$	$634 := 1^8 + 11^2 + 12^1 + 16^1 + 22^2$	$= 18 + 112 + 121 + 161 + 222$
$634 := 4^1 + 4^1 + 25^2 + 30^0$	$= 41 + 41 + 252 + 300$	$634 := 1^8 + 11^2 + 13^1 + 15^1 + 22^2$	$= 18 + 112 + 131 + 151 + 222$
$634 := 1^0 + 1^9 + 11^2 + 22^2 + 27^1$	$= 10 + 19 + 112 + 222 + 271$	$634 := 1^8 + 11^2 + 14^1 + 14^1 + 22^2$	$= 18 + 112 + 141 + 141 + 222$
$634 := 1^1 + 1^8 + 11^2 + 22^2 + 27^1$	$= 11 + 18 + 112 + 222 + 271$	$634 := 1^8 + 2^1 + 11^2 + 22^2 + 26^1$	$= 18 + 21 + 112 + 222 + 261$
$634 := 1^1 + 4^0 + 6^1 + 25^2 + 27^0$	$= 11 + 40 + 61 + 252 + 270$	$634 := 1^8 + 2^2 + 12^2 + 22^2 + 25^0$	$= 18 + 22 + 122 + 222 + 250$
$634 := 1^1 + 5^0 + 6^1 + 25^2 + 26^0$	$= 11 + 50 + 61 + 252 + 260$	$634 := 1^8 + 3^1 + 11^2 + 22^2 + 25^1$	$= 18 + 31 + 112 + 222 + 251$
$634 := 1^1 + 6^0 + 6^1 + 25^0 + 25^2$	$= 11 + 60 + 61 + 250 + 252$	$634 := 1^8 + 4^1 + 11^2 + 22^2 + 24^1$	$= 18 + 41 + 112 + 222 + 241$
$634 := 1^1 + 6^1 + 10^0 + 21^0 + 25^2$	$= 11 + 61 + 100 + 210 + 252$	$634 := 1^8 + 5^1 + 11^2 + 22^2 + 23^1$	$= 18 + 51 + 112 + 222 + 231$
$634 := 1^1 + 6^1 + 11^0 + 20^0 + 25^2$	$= 11 + 61 + 110 + 200 + 252$	$634 := 1^8 + 5^1 + 5^2 + 24^2 + 27^1$	$= 18 + 51 + 52 + 242 + 271$
$634 := 1^1 + 6^1 + 12^0 + 19^0 + 25^2$	$= 11 + 61 + 120 + 190 + 252$	$634 := 1^8 + 5^2 + 10^1 + 22^1 + 24^2$	$= 18 + 52 + 101 + 221 + 242$
$634 := 1^1 + 6^1 + 13^0 + 18^0 + 25^2$	$= 11 + 61 + 130 + 180 + 252$	$634 := 1^8 + 5^2 + 11^1 + 21^1 + 24^2$	$= 18 + 52 + 111 + 211 + 242$
$634 := 1^1 + 6^1 + 14^0 + 17^0 + 25^2$	$= 11 + 61 + 140 + 170 + 252$	$634 := 1^8 + 5^2 + 12^1 + 20^1 + 24^2$	$= 18 + 52 + 121 + 201 + 242$
$634 := 1^1 + 6^1 + 15^0 + 16^0 + 25^2$	$= 11 + 61 + 150 + 160 + 252$	$634 := 1^8 + 5^2 + 13^1 + 19^1 + 24^2$	$= 18 + 52 + 131 + 191 + 242$
$634 := 1^1 + 6^1 + 7^0 + 24^0 + 25^2$	$= 11 + 61 + 70 + 240 + 252$	$634 := 1^8 + 5^2 + 14^1 + 18^1 + 24^2$	$= 18 + 52 + 141 + 181 + 242$
$634 := 1^1 + 6^1 + 8^0 + 23^0 + 25^2$	$= 11 + 61 + 80 + 230 + 252$	$634 := 1^8 + 5^2 + 15^1 + 17^1 + 24^2$	$= 18 + 52 + 151 + 171 + 242$
$634 := 1^1 + 6^1 + 9^0 + 22^0 + 25^2$	$= 11 + 61 + 90 + 220 + 252$	$634 := 1^8 + 5^2 + 16^1 + 16^1 + 24^2$	$= 18 + 52 + 161 + 161 + 242$
$634 := 1^2 + 1^7 + 11^2 + 22^2 + 27^1$	$= 12 + 17 + 112 + 222 + 271$	$634 := 1^8 + 5^2 + 6^1 + 24^2 + 26^1$	$= 18 + 52 + 61 + 242 + 261$
$634 := 1^3 + 1^6 + 11^2 + 22^2 + 27^1$	$= 13 + 16 + 112 + 222 + 271$	$634 := 1^8 + 5^2 + 7^1 + 24^2 + 25^1$	$= 18 + 52 + 71 + 242 + 251$
$634 := 1^3 + 2^8 + 15^1 + 19^2 + 25^0$	$= 13 + 28 + 151 + 192 + 250$	$634 := 1^8 + 5^2 + 8^1 + 24^1 + 24^2$	$= 18 + 52 + 81 + 241 + 242$
$634 := 1^4 + 1^5 + 11^2 + 22^2 + 27^1$	$= 14 + 15 + 112 + 222 + 271$	$634 := 1^8 + 5^2 + 9^1 + 23^1 + 24^2$	$= 18 + 52 + 91 + 231 + 242$
$634 := 1^4 + 2^7 + 17^0 + 20^1 + 22^2$	$= 14 + 27 + 170 + 201 + 222$	$634 := 1^8 + 5^3 + 11^0 + 22^2 + 23^1$	$= 18 + 53 + 110 + 222 + 231$
$634 := 1^6 + 2^5 + 11^0 + 24^1 + 24^2$	$= 16 + 25 + 110 + 241 + 242$	$634 := 1^8 + 6^1 + 11^2 + 22^1 + 22^2$	$= 18 + 61 + 112 + 221 + 222$
$634 := 1^6 + 4^3 + 12^2 + 20^2 + 25^1$	$= 16 + 43 + 122 + 202 + 251$	$634 := 1^8 + 6^2 + 14^2 + 20^2 + 21^0$	$= 18 + 62 + 142 + 202 + 210$
$634 := 1^6 + 4^3 + 16^2 + 17^2 + 24^1$	$= 16 + 43 + 162 + 172 + 241$	$634 := 1^8 + 6^3 + 16^1 + 19^0 + 20^2$	$= 18 + 63 + 161 + 190 + 202$
$634 := 1^6 + 5^3 + 11^2 + 19^2 + 26^1$	$= 16 + 53 + 112 + 192 + 261$	$634 := 1^8 + 7^1 + 11^2 + 21^1 + 22^2$	$= 18 + 71 + 112 + 211 + 222$
$634 := 1^6 + 5^3 + 9^2 + 20^2 + 27^1$	$= 16 + 53 + 92 + 202 + 271$	$634 := 1^8 + 8^1 + 11^2 + 20^1 + 22^2$	$= 18 + 81 + 112 + 201 + 222$
$634 := 1^7 + 10^2 + 15^2 + 17^2 + 19^1$	$= 17 + 102 + 152 + 172 + 191$	$634 := 1^8 + 8^3 + 10^2 + 20^1 + 23^0$	$= 18 + 83 + 102 + 201 + 230$

$$\begin{aligned} 634 &:= 1^8 + 9^1 + 11^2 + 19^1 + 22^2 = 18 + 91 + 112 + 191 + 222 \\ 634 &:= 1^9 + 11^0 + 15^1 + 16^2 + 19^2 = 19 + 110 + 151 + 162 + 192 \\ 634 &:= 1^9 + 3^1 + 10^2 + 23^2 + 25^0 = 19 + 31 + 102 + 232 + 250 \\ 634 &:= 1^9 + 4^1 + 12^2 + 22^2 + 23^0 = 19 + 41 + 122 + 222 + 230 \\ 634 &:= 1^9 + 5^0 + 13^2 + 21^2 + 22^1 = 19 + 50 + 132 + 212 + 221 \\ 634 &:= 1^9 + 5^4 + 6^1 + 23^0 + 27^0 = 19 + 54 + 61 + 230 + 270 \\ 634 &:= 1^9 + 5^4 + 6^1 + 24^0 + 26^0 = 19 + 54 + 61 + 240 + 260 \\ 634 &:= 1^9 + 5^4 + 6^1 + 25^0 + 25^0 = 19 + 54 + 61 + 250 + 250 \\ 634 &:= 1^9 + 6^2 + 11^0 + 20^1 + 24^2 = 19 + 62 + 110 + 201 + 242 \\ 634 &:= 1^9 + 7^0 + 17^2 + 18^2 + 19^1 = 19 + 70 + 172 + 182 + 191 \\ 634 &:= 1^9 + 7^0 + 9^2 + 22^1 + 23^2 = 19 + 70 + 92 + 221 + 232 \\ 634 &:= 1^9 + 7^1 + 15^2 + 19^0 + 20^2 = 19 + 71 + 152 + 190 + 202 \\ 634 &:= 1^9 + 7^1 + 7^2 + 23^0 + 24^2 = 19 + 71 + 72 + 230 + 242 \\ 634 &:= 2^1 + 4^0 + 5^1 + 25^2 + 27^0 = 21 + 40 + 51 + 252 + 270 \\ 634 &:= 2^1 + 5^0 + 5^1 + 25^2 + 26^0 = 21 + 50 + 51 + 252 + 260 \\ 634 &:= 2^1 + 5^1 + 10^0 + 21^0 + 25^2 = 21 + 51 + 100 + 210 + 252 \\ 634 &:= 2^1 + 5^1 + 11^0 + 20^0 + 25^2 = 21 + 51 + 110 + 200 + 252 \\ 634 &:= 2^1 + 5^1 + 12^0 + 19^0 + 25^2 = 21 + 51 + 120 + 190 + 252 \\ 634 &:= 2^1 + 5^1 + 13^0 + 18^0 + 25^2 = 21 + 51 + 130 + 180 + 252 \\ 634 &:= 2^1 + 5^1 + 14^0 + 17^0 + 25^2 = 21 + 51 + 140 + 170 + 252 \\ 634 &:= 2^1 + 5^1 + 15^0 + 16^0 + 25^2 = 21 + 51 + 150 + 160 + 252 \\ 634 &:= 2^1 + 5^1 + 6^0 + 25^0 + 25^2 = 21 + 51 + 60 + 250 + 252 \\ 634 &:= 2^1 + 5^1 + 7^0 + 24^0 + 25^2 = 21 + 51 + 70 + 240 + 252 \\ 634 &:= 2^1 + 5^1 + 8^0 + 23^0 + 25^2 = 21 + 51 + 80 + 230 + 252 \\ 634 &:= 2^1 + 5^1 + 9^0 + 22^0 + 25^2 = 21 + 51 + 90 + 220 + 252 \\ 634 &:= 2^3 + 2^6 + 8^3 + 23^1 + 27^1 = 23 + 26 + 83 + 231 + 271 \\ 634 &:= 2^3 + 2^6 + 8^3 + 24^1 + 26^1 = 23 + 26 + 83 + 241 + 261 \\ 634 &:= 2^3 + 2^6 + 8^3 + 25^1 + 25^1 = 23 + 26 + 83 + 251 + 251 \\ 634 &:= 2^5 + 2^5 + 13^2 + 20^2 + 25^0 = 25 + 25 + 132 + 202 + 250 \\ 634 &:= 2^5 + 2^6 + 8^1 + 23^2 + 27^0 = 25 + 26 + 81 + 232 + 270 \\ 634 &:= 2^6 + 4^3 + 15^2 + 16^2 + 25^1 = 26 + 43 + 152 + 162 + 251 \\ 634 &:= 2^7 + 12^2 + 12^2 + 14^2 + 22^1 = 27 + 122 + 122 + 142 + 221 \\ 634 &:= 2^7 + 3^4 + 13^0 + 20^2 + 24^1 = 27 + 34 + 130 + 202 + 241 \\ 634 &:= 2^7 + 4^4 + 15^2 + 17^0 + 24^1 = 27 + 44 + 152 + 170 + 241 \\ 634 &:= 2^7 + 6^2 + 11^2 + 18^2 + 25^1 = 27 + 62 + 112 + 182 + 251 \\ 634 &:= 2^7 + 7^2 + 12^2 + 17^2 + 24^1 = 27 + 72 + 122 + 172 + 241 \\ 634 &:= 2^7 + 7^3 + 11^2 + 15^1 + 27^1 = 27 + 73 + 112 + 151 + 271 \\ 634 &:= 2^7 + 7^3 + 11^2 + 16^1 + 26^1 = 27 + 73 + 112 + 161 + 261 \\ 634 &:= 2^7 + 7^3 + 11^2 + 17^1 + 25^1 = 27 + 73 + 112 + 171 + 251 \\ 634 &:= 2^7 + 7^3 + 11^2 + 18^1 + 24^1 = 27 + 73 + 112 + 181 + 241 \\ 634 &:= 2^7 + 7^3 + 11^2 + 19^1 + 23^1 = 27 + 73 + 112 + 191 + 231 \\ 634 &:= 2^7 + 7^3 + 11^2 + 20^1 + 22^1 = 27 + 73 + 112 + 201 + 221 \\ 634 &:= 2^7 + 7^3 + 11^2 + 21^1 + 21^1 = 27 + 73 + 112 + 211 + 211 \\ 634 &:= 2^8 + 3^2 + 7^3 + 25^0 + 25^1 = 28 + 32 + 73 + 250 + 251 \\ 634 &:= 2^8 + 3^3 + 13^0 + 18^2 + 26^1 = 28 + 33 + 130 + 182 + 261 \\ 634 &:= 2^8 + 4^2 + 11^1 + 18^2 + 27^1 = 28 + 42 + 111 + 182 + 271 \\ 634 &:= 2^8 + 4^2 + 12^1 + 18^2 + 26^1 = 28 + 42 + 121 + 182 + 261 \\ 634 &:= 2^8 + 4^2 + 13^1 + 18^2 + 25^1 = 28 + 42 + 131 + 182 + 251 \\ 634 &:= 2^8 + 4^2 + 14^1 + 18^2 + 24^1 = 28 + 42 + 141 + 182 + 241 \\ 634 &:= 2^8 + 4^2 + 15^1 + 18^2 + 23^1 = 28 + 42 + 151 + 182 + 231 \\ 634 &:= 2^8 + 4^2 + 16^1 + 18^2 + 22^1 = 28 + 42 + 161 + 182 + 221 \\ 634 &:= 2^8 + 4^2 + 17^1 + 18^2 + 21^1 = 28 + 42 + 171 + 182 + 211 \\ 634 &:= 2^8 + 4^2 + 18^1 + 18^2 + 20^1 = 28 + 42 + 181 + 182 + 201 \\ 634 &:= 2^8 + 4^2 + 18^2 + 19^1 + 19^1 = 28 + 42 + 182 + 191 + 191 \\ 634 &:= 2^8 + 4^3 + 15^0 + 17^2 + 24^1 = 28 + 43 + 150 + 172 + 241 \\ 634 &:= 2^8 + 5^3 + 13^0 + 15^2 + 27^1 = 28 + 53 + 130 + 152 + 271 \\ 634 &:= 2^8 + 6^3 + 12^2 + 17^1 + 25^0 = 28 + 63 + 122 + 171 + 250 \\ 634 &:= 2^8 + 8^2 + 12^2 + 13^2 + 27^0 = 28 + 82 + 122 + 132 + 270 \\ 634 &:= 2^8 + 9^2 + 10^2 + 14^2 + 27^0 = 28 + 92 + 102 + 142 + 270 \\ 634 &:= 2^9 + 4^2 + 9^2 + 23^0 + 24^1 = 29 + 42 + 92 + 230 + 241 \\ 634 &:= 2^9 + 6^2 + 8^2 + 21^1 + 25^0 = 29 + 62 + 82 + 211 + 250 \\ 634 &:= 2^9 + 7^2 + 7^2 + 23^0 + 23^1 = 29 + 72 + 72 + 230 + 231 \\ 634 &:= 3^1 + 4^0 + 4^1 + 25^2 + 27^0 = 31 + 40 + 41 + 252 + 270 \\ 634 &:= 3^1 + 4^1 + 10^0 + 21^0 + 25^2 = 31 + 41 + 100 + 210 + 252 \\ 634 &:= 3^1 + 4^1 + 11^0 + 20^0 + 25^2 = 31 + 41 + 110 + 200 + 252 \\ 634 &:= 3^1 + 4^1 + 12^0 + 19^0 + 25^2 = 31 + 41 + 120 + 190 + 252 \\ 634 &:= 3^1 + 4^1 + 13^0 + 18^0 + 25^2 = 31 + 41 + 130 + 180 + 252 \\ 634 &:= 3^1 + 4^1 + 14^0 + 17^0 + 25^2 = 31 + 41 + 140 + 170 + 252 \\ 634 &:= 3^1 + 4^1 + 15^0 + 16^0 + 25^2 = 31 + 41 + 150 + 160 + 252 \\ 634 &:= 3^1 + 4^1 + 5^0 + 25^2 + 26^0 = 31 + 41 + 50 + 252 + 260 \\ 634 &:= 3^1 + 4^1 + 6^0 + 25^0 + 25^2 = 31 + 41 + 60 + 250 + 252 \\ 634 &:= 3^1 + 4^1 + 7^0 + 24^0 + 25^2 = 31 + 41 + 70 + 240 + 252 \\ 634 &:= 3^1 + 4^1 + 8^0 + 23^0 + 25^2 = 31 + 41 + 80 + 230 + 252 \\ 634 &:= 3^1 + 4^1 + 9^0 + 22^0 + 25^2 = 31 + 41 + 90 + 220 + 252 \end{aligned}$$

2.2.536 Number 635

$635 := 11^2 + 22^2 + 30^1$	$= 112 + 222 + 301$	$635 := 5^0 + 13^2 + 21^2 + 24^1$	$= 50 + 132 + 212 + 241$
$635 := 5^2 + 24^2 + 34^1$	$= 52 + 242 + 341$	$635 := 5^0 + 5^4 + 8^1 + 45^0$	$= 50 + 54 + 81 + 450$
$635 := 5^4 + 9^1 + 49^0$	$= 54 + 91 + 490$	$635 := 5^0 + 8^3 + 11^2 + 39^0$	$= 50 + 83 + 112 + 390$
$635 := 1^0 + 11^2 + 22^2 + 29^1$	$= 10 + 112 + 222 + 291$	$635 := 5^1 + 10^2 + 23^2 + 25^0$	$= 51 + 102 + 232 + 250$
$635 := 1^0 + 2^3 + 25^2 + 35^0$	$= 10 + 23 + 252 + 350$	$635 := 5^4 + 6^0 + 8^1 + 44^0$	$= 54 + 60 + 81 + 440$
$635 := 1^0 + 5^2 + 24^2 + 33^1$	$= 10 + 52 + 242 + 331$	$635 := 5^4 + 7^0 + 8^1 + 43^0$	$= 54 + 70 + 81 + 430$
$635 := 1^0 + 5^4 + 8^1 + 49^0$	$= 10 + 54 + 81 + 490$	$635 := 5^4 + 8^0 + 8^1 + 42^0$	$= 54 + 80 + 81 + 420$
$635 := 1^0 + 8^3 + 11^2 + 43^0$	$= 10 + 83 + 112 + 430$	$635 := 5^4 + 8^1 + 10^0 + 40^0$	$= 54 + 81 + 100 + 400$
$635 := 1^2 + 8^1 + 25^2 + 29^0$	$= 12 + 81 + 252 + 290$	$635 := 5^4 + 8^1 + 11^0 + 39^0$	$= 54 + 81 + 110 + 390$
$635 := 1^4 + 2^9 + 11^2 + 48^0$	$= 14 + 29 + 112 + 480$	$635 := 5^4 + 8^1 + 12^0 + 38^0$	$= 54 + 81 + 120 + 380$
$635 := 1^8 + 2^3 + 5^4 + 54^0$	$= 18 + 23 + 54 + 540$	$635 := 5^4 + 8^1 + 13^0 + 37^0$	$= 54 + 81 + 130 + 370$
$635 := 11^0 + 16^2 + 17^1 + 19^2$	$= 110 + 162 + 171 + 192$	$635 := 5^4 + 8^1 + 14^0 + 36^0$	$= 54 + 81 + 140 + 360$
$635 := 2^0 + 2^3 + 25^2 + 34^0$	$= 20 + 23 + 252 + 340$	$635 := 5^4 + 8^1 + 15^0 + 35^0$	$= 54 + 81 + 150 + 350$
$635 := 2^0 + 5^4 + 8^1 + 48^0$	$= 20 + 54 + 81 + 480$	$635 := 5^4 + 8^1 + 16^0 + 34^0$	$= 54 + 81 + 160 + 340$
$635 := 2^0 + 8^3 + 11^2 + 42^0$	$= 20 + 83 + 112 + 420$	$635 := 5^4 + 8^1 + 17^0 + 33^0$	$= 54 + 81 + 170 + 330$
$635 := 2^2 + 5^1 + 25^2 + 31^0$	$= 22 + 51 + 252 + 310$	$635 := 5^4 + 8^1 + 18^0 + 32^0$	$= 54 + 81 + 180 + 320$
$635 := 2^3 + 10^0 + 25^2 + 26^0$	$= 23 + 100 + 252 + 260$	$635 := 5^4 + 8^1 + 19^0 + 31^0$	$= 54 + 81 + 190 + 310$
$635 := 2^3 + 11^0 + 25^0 + 25^2$	$= 23 + 110 + 250 + 252$	$635 := 5^4 + 8^1 + 20^0 + 30^0$	$= 54 + 81 + 200 + 300$
$635 := 2^3 + 12^0 + 24^0 + 25^2$	$= 23 + 120 + 240 + 252$	$635 := 5^4 + 8^1 + 21^0 + 29^0$	$= 54 + 81 + 210 + 290$
$635 := 2^3 + 13^0 + 23^0 + 25^2$	$= 23 + 130 + 230 + 252$	$635 := 5^4 + 8^1 + 22^0 + 28^0$	$= 54 + 81 + 220 + 280$
$635 := 2^3 + 14^0 + 22^0 + 25^2$	$= 23 + 140 + 220 + 252$	$635 := 5^4 + 8^1 + 23^0 + 27^0$	$= 54 + 81 + 230 + 270$
$635 := 2^3 + 15^0 + 21^0 + 25^2$	$= 23 + 150 + 210 + 252$	$635 := 5^4 + 8^1 + 24^0 + 26^0$	$= 54 + 81 + 240 + 260$
$635 := 2^3 + 16^0 + 20^0 + 25^2$	$= 23 + 160 + 200 + 252$	$635 := 5^4 + 8^1 + 25^0 + 25^0$	$= 54 + 81 + 250 + 250$
$635 := 2^3 + 17^0 + 19^0 + 25^2$	$= 23 + 170 + 190 + 252$	$635 := 5^4 + 8^1 + 9^0 + 41^0$	$= 54 + 81 + 90 + 410$
$635 := 2^3 + 18^0 + 18^0 + 25^2$	$= 23 + 180 + 180 + 252$	$635 := 6^0 + 8^3 + 11^2 + 38^0$	$= 60 + 83 + 112 + 380$
$635 := 2^3 + 3^0 + 25^2 + 33^0$	$= 23 + 30 + 252 + 330$	$635 := 6^1 + 12^2 + 22^2 + 23^0$	$= 61 + 122 + 222 + 230$
$635 := 2^3 + 4^0 + 25^2 + 32^0$	$= 23 + 40 + 252 + 320$	$635 := 6^2 + 11^0 + 22^1 + 24^2$	$= 62 + 110 + 221 + 242$
$635 := 2^3 + 5^0 + 25^2 + 31^0$	$= 23 + 50 + 252 + 310$	$635 := 7^0 + 17^2 + 18^2 + 21^1$	$= 70 + 172 + 182 + 211$
$635 := 2^3 + 6^0 + 25^2 + 30^0$	$= 23 + 60 + 252 + 300$	$635 := 7^0 + 8^3 + 11^2 + 37^0$	$= 70 + 83 + 112 + 370$
$635 := 2^3 + 7^0 + 25^2 + 29^0$	$= 23 + 70 + 252 + 290$	$635 := 7^0 + 9^2 + 23^2 + 24^1$	$= 70 + 92 + 232 + 241$
$635 := 2^3 + 8^0 + 25^2 + 28^0$	$= 23 + 80 + 252 + 280$	$635 := 7^2 + 9^1 + 23^0 + 24^2$	$= 72 + 91 + 230 + 242$
$635 := 2^3 + 9^0 + 25^2 + 27^0$	$= 23 + 90 + 252 + 270$	$635 := 8^0 + 8^3 + 11^2 + 36^0$	$= 80 + 83 + 112 + 360$
$635 := 3^0 + 5^4 + 8^1 + 47^0$	$= 30 + 54 + 81 + 470$	$635 := 8^3 + 10^0 + 11^2 + 34^0$	$= 83 + 100 + 112 + 340$
$635 := 3^0 + 8^3 + 11^2 + 41^0$	$= 30 + 83 + 112 + 410$	$635 := 8^3 + 11^0 + 11^2 + 33^0$	$= 83 + 110 + 112 + 330$
$635 := 4^0 + 5^4 + 8^1 + 46^0$	$= 40 + 54 + 81 + 460$	$635 := 8^3 + 11^2 + 12^0 + 32^0$	$= 83 + 112 + 120 + 320$
$635 := 4^0 + 8^3 + 11^2 + 40^0$	$= 40 + 83 + 112 + 400$	$635 := 8^3 + 11^2 + 13^0 + 31^0$	$= 83 + 112 + 130 + 310$

$$\begin{aligned}
 635 &:= 8^3 + 11^2 + 14^0 + 30^0 &= 83 + 112 + 140 + 300 & 635 &:= 1^2 + 7^1 + 11^0 + 19^0 + 25^2 &= 12 + 71 + 110 + 190 + 252 \\
 635 &:= 8^3 + 11^2 + 15^0 + 29^0 &= 83 + 112 + 150 + 290 & 635 &:= 1^2 + 7^1 + 12^0 + 18^0 + 25^2 &= 12 + 71 + 120 + 180 + 252 \\
 635 &:= 8^3 + 11^2 + 16^0 + 28^0 &= 83 + 112 + 160 + 280 & 635 &:= 1^2 + 7^1 + 13^0 + 17^0 + 25^2 &= 12 + 71 + 130 + 170 + 252 \\
 635 &:= 8^3 + 11^2 + 17^0 + 27^0 &= 83 + 112 + 170 + 270 & 635 &:= 1^2 + 7^1 + 14^0 + 16^0 + 25^2 &= 12 + 71 + 140 + 160 + 252 \\
 635 &:= 8^3 + 11^2 + 18^0 + 26^0 &= 83 + 112 + 180 + 260 & 635 &:= 1^2 + 7^1 + 15^0 + 15^0 + 25^2 &= 12 + 71 + 150 + 150 + 252 \\
 635 &:= 8^3 + 11^2 + 19^0 + 25^0 &= 83 + 112 + 190 + 250 & 635 &:= 1^2 + 7^1 + 8^0 + 22^0 + 25^2 &= 12 + 71 + 80 + 220 + 252 \\
 635 &:= 8^3 + 11^2 + 20^0 + 24^0 &= 83 + 112 + 200 + 240 & 635 &:= 1^2 + 7^1 + 9^0 + 21^0 + 25^2 &= 12 + 71 + 90 + 210 + 252 \\
 635 &:= 8^3 + 11^2 + 21^0 + 23^0 &= 83 + 112 + 210 + 230 & 635 &:= 1^4 + 2^8 + 16^1 + 19^2 + 24^0 &= 14 + 28 + 161 + 192 + 240 \\
 635 &:= 8^3 + 11^2 + 22^0 + 22^0 &= 83 + 112 + 220 + 220 & 635 &:= 1^5 + 2^6 + 13^2 + 20^2 + 26^0 &= 15 + 26 + 132 + 202 + 260 \\
 635 &:= 8^3 + 9^0 + 11^2 + 35^0 &= 83 + 90 + 112 + 350 & 635 &:= 1^5 + 2^7 + 16^0 + 21^1 + 22^2 &= 15 + 27 + 160 + 211 + 222 \\
 635 &:= 9^1 + 15^2 + 19^0 + 20^2 &= 91 + 152 + 190 + 202 & 635 &:= 1^7 + 2^4 + 16^2 + 19^2 + 24^0 &= 17 + 24 + 162 + 192 + 240 \\
 635 &:= 1^0 + 11^0 + 16^1 + 16^2 + 19^2 &= 10 + 110 + 161 + 162 + 192 & 635 &:= 1^7 + 2^5 + 10^0 + 24^2 + 25^1 &= 17 + 25 + 100 + 242 + 251 \\
 635 &:= 1^0 + 4^1 + 10^2 + 23^2 + 25^0 &= 10 + 41 + 102 + 232 + 250 & 635 &:= 1^8 + 2^3 + 15^2 + 20^2 + 24^0 &= 18 + 23 + 152 + 202 + 240 \\
 635 &:= 1^0 + 5^0 + 13^2 + 21^2 + 23^1 &= 10 + 50 + 132 + 212 + 231 & 635 &:= 1^8 + 3^4 + 12^0 + 23^1 + 23^2 &= 18 + 34 + 120 + 231 + 232 \\
 635 &:= 1^0 + 5^1 + 12^2 + 22^2 + 23^0 &= 10 + 51 + 122 + 222 + 230 & 635 &:= 1^8 + 4^3 + 13^2 + 20^2 + 24^0 &= 18 + 43 + 132 + 202 + 240 \\
 635 &:= 1^0 + 5^4 + 7^1 + 23^0 + 27^0 &= 10 + 54 + 71 + 230 + 270 & 635 &:= 1^8 + 4^4 + 16^1 + 19^2 + 22^0 &= 18 + 44 + 161 + 192 + 220 \\
 635 &:= 1^0 + 5^4 + 7^1 + 24^0 + 26^0 &= 10 + 54 + 71 + 240 + 260 & 635 &:= 1^9 + 11^2 + 16^2 + 16^2 + 18^0 &= 19 + 112 + 162 + 162 + 180 \\
 635 &:= 1^0 + 5^4 + 7^1 + 25^0 + 25^0 &= 10 + 54 + 71 + 250 + 250 & 635 &:= 1^9 + 2^2 + 10^2 + 23^2 + 26^0 &= 19 + 22 + 102 + 232 + 260 \\
 635 &:= 1^0 + 6^2 + 11^0 + 21^1 + 24^2 &= 10 + 62 + 110 + 211 + 242 & 635 &:= 1^9 + 4^2 + 16^2 + 19^2 + 22^0 &= 19 + 42 + 162 + 192 + 220 \\
 635 &:= 1^0 + 7^0 + 17^2 + 18^2 + 20^1 &= 10 + 70 + 172 + 182 + 201 & 635 &:= 1^9 + 5^3 + 10^0 + 22^2 + 24^1 &= 19 + 53 + 100 + 222 + 241 \\
 635 &:= 1^0 + 7^0 + 9^2 + 23^1 + 23^2 &= 10 + 70 + 92 + 231 + 232 & 635 &:= 1^9 + 6^3 + 17^1 + 18^0 + 20^2 &= 19 + 63 + 171 + 180 + 202 \\
 635 &:= 1^0 + 7^2 + 8^1 + 23^0 + 24^2 &= 10 + 72 + 81 + 230 + 242 & 635 &:= 1^9 + 7^2 + 10^2 + 22^0 + 22^2 &= 19 + 72 + 102 + 220 + 222 \\
 635 &:= 1^0 + 7^3 + 11^0 + 17^2 + 27^0 &= 10 + 73 + 110 + 172 + 270 & 635 &:= 1^9 + 8^2 + 13^2 + 20^0 + 20^2 &= 19 + 82 + 132 + 200 + 202 \\
 635 &:= 1^0 + 7^3 + 12^0 + 17^2 + 26^0 &= 10 + 73 + 120 + 172 + 260 & 635 &:= 1^9 + 8^3 + 10^2 + 21^1 + 22^0 &= 19 + 83 + 102 + 211 + 220 \\
 635 &:= 1^0 + 7^3 + 13^0 + 17^2 + 25^0 &= 10 + 73 + 130 + 172 + 250 & 635 &:= 2^0 + 10^0 + 16^1 + 16^2 + 19^2 &= 20 + 100 + 161 + 162 + 192 \\
 635 &:= 1^0 + 7^3 + 14^0 + 17^2 + 24^0 &= 10 + 73 + 140 + 172 + 240 & 635 &:= 2^0 + 4^0 + 13^2 + 21^2 + 23^1 &= 20 + 40 + 132 + 212 + 231 \\
 635 &:= 1^0 + 7^3 + 15^0 + 17^2 + 23^0 &= 10 + 73 + 150 + 172 + 230 & 635 &:= 2^0 + 4^1 + 10^2 + 23^2 + 24^0 &= 20 + 41 + 102 + 232 + 240 \\
 635 &:= 1^0 + 7^3 + 16^0 + 17^2 + 22^0 &= 10 + 73 + 160 + 172 + 220 & 635 &:= 2^0 + 5^1 + 12^2 + 22^0 + 22^2 &= 20 + 51 + 122 + 220 + 222 \\
 635 &:= 1^0 + 7^3 + 17^0 + 17^2 + 21^0 &= 10 + 73 + 170 + 172 + 210 & 635 &:= 2^0 + 5^4 + 7^1 + 22^0 + 27^0 &= 20 + 54 + 71 + 220 + 270 \\
 635 &:= 1^0 + 7^3 + 17^2 + 18^0 + 20^0 &= 10 + 73 + 172 + 180 + 200 & 635 &:= 2^0 + 5^4 + 7^1 + 23^0 + 26^0 &= 20 + 54 + 71 + 230 + 260 \\
 635 &:= 1^0 + 7^3 + 17^2 + 19^0 + 19^0 &= 10 + 73 + 172 + 190 + 190 & 635 &:= 2^0 + 5^4 + 7^1 + 24^0 + 25^0 &= 20 + 54 + 71 + 240 + 250 \\
 635 &:= 1^0 + 8^1 + 15^2 + 19^0 + 20^2 &= 10 + 81 + 152 + 190 + 202 & 635 &:= 2^0 + 6^0 + 17^2 + 18^2 + 20^1 &= 20 + 60 + 172 + 182 + 201 \\
 635 &:= 1^2 + 3^0 + 7^1 + 25^2 + 27^0 &= 12 + 30 + 71 + 252 + 270 & 635 &:= 2^0 + 6^0 + 9^2 + 23^1 + 23^2 &= 20 + 60 + 92 + 231 + 232 \\
 635 &:= 1^2 + 4^0 + 7^1 + 25^2 + 26^0 &= 12 + 40 + 71 + 252 + 260 & 635 &:= 2^0 + 6^2 + 10^0 + 21^1 + 24^2 &= 20 + 62 + 100 + 211 + 242 \\
 635 &:= 1^2 + 5^0 + 7^1 + 25^0 + 25^2 &= 12 + 50 + 71 + 250 + 252 & 635 &:= 2^0 + 7^2 + 8^1 + 22^0 + 24^2 &= 20 + 72 + 81 + 220 + 242 \\
 635 &:= 1^2 + 6^0 + 7^1 + 24^0 + 25^2 &= 12 + 60 + 71 + 240 + 252 & 635 &:= 2^0 + 7^3 + 10^0 + 17^2 + 27^0 &= 20 + 73 + 100 + 172 + 270 \\
 635 &:= 1^2 + 7^0 + 7^1 + 23^0 + 25^2 &= 12 + 70 + 71 + 230 + 252 & 635 &:= 2^0 + 7^3 + 11^0 + 17^2 + 26^0 &= 20 + 73 + 110 + 172 + 260 \\
 635 &:= 1^2 + 7^1 + 10^0 + 20^0 + 25^2 &= 12 + 71 + 100 + 200 + 252 & 635 &:= 2^0 + 7^3 + 12^0 + 17^2 + 25^0 &= 20 + 73 + 120 + 172 + 250
 \end{aligned}$$

$$\begin{aligned} 635 &:= 2^0 + 7^3 + 13^0 + 17^2 + 24^0 = 20 + 73 + 130 + 172 + 240 \\ 635 &:= 2^0 + 7^3 + 14^0 + 17^2 + 23^0 = 20 + 73 + 140 + 172 + 230 \\ 635 &:= 2^0 + 7^3 + 15^0 + 17^2 + 22^0 = 20 + 73 + 150 + 172 + 220 \\ 635 &:= 2^0 + 7^3 + 16^0 + 17^2 + 21^0 = 20 + 73 + 160 + 172 + 210 \\ 635 &:= 2^0 + 7^3 + 17^0 + 17^2 + 20^0 = 20 + 73 + 170 + 172 + 200 \\ 635 &:= 2^0 + 7^3 + 17^2 + 18^0 + 19^0 = 20 + 73 + 172 + 180 + 190 \\ 635 &:= 2^0 + 8^1 + 15^2 + 18^0 + 20^2 = 20 + 81 + 152 + 180 + 202 \\ 635 &:= 2^2 + 4^1 + 10^0 + 22^0 + 25^2 = 22 + 41 + 100 + 220 + 252 \\ 635 &:= 2^2 + 4^1 + 11^0 + 21^0 + 25^2 = 22 + 41 + 110 + 210 + 252 \\ 635 &:= 2^2 + 4^1 + 12^0 + 20^0 + 25^2 = 22 + 41 + 120 + 200 + 252 \\ 635 &:= 2^2 + 4^1 + 13^0 + 19^0 + 25^2 = 22 + 41 + 130 + 190 + 252 \\ 635 &:= 2^2 + 4^1 + 14^0 + 18^0 + 25^2 = 22 + 41 + 140 + 180 + 252 \\ 635 &:= 2^2 + 4^1 + 15^0 + 17^0 + 25^2 = 22 + 41 + 150 + 170 + 252 \\ 635 &:= 2^2 + 4^1 + 16^0 + 16^0 + 25^2 = 22 + 41 + 160 + 160 + 252 \\ 635 &:= 2^2 + 4^1 + 5^0 + 25^2 + 27^0 = 22 + 41 + 50 + 252 + 270 \\ 635 &:= 2^2 + 4^1 + 6^0 + 25^2 + 26^0 = 22 + 41 + 60 + 252 + 260 \\ 635 &:= 2^2 + 4^1 + 7^0 + 25^0 + 25^2 = 22 + 41 + 70 + 250 + 252 \\ 635 &:= 2^2 + 4^1 + 8^0 + 24^0 + 25^2 = 22 + 41 + 80 + 240 + 252 \\ 635 &:= 2^2 + 4^1 + 9^0 + 23^0 + 25^2 = 22 + 41 + 90 + 230 + 252 \\ 635 &:= 2^3 + 2^8 + 7^3 + 24^0 + 27^1 = 23 + 28 + 73 + 240 + 271 \\ 635 &:= 2^5 + 2^6 + 8^3 + 24^0 + 26^1 = 25 + 26 + 83 + 240 + 261 \\ 635 &:= 2^6 + 2^6 + 14^0 + 22^1 + 22^2 = 26 + 26 + 140 + 221 + 222 \\ 635 &:= 2^6 + 2^7 + 10^0 + 21^2 + 27^0 = 26 + 27 + 100 + 212 + 270 \\ 635 &:= 2^6 + 2^7 + 11^0 + 21^2 + 26^0 = 26 + 27 + 110 + 212 + 260 \\ 635 &:= 2^6 + 2^7 + 12^0 + 21^2 + 25^0 = 26 + 27 + 120 + 212 + 250 \\ 635 &:= 2^6 + 2^7 + 13^0 + 21^2 + 24^0 = 26 + 27 + 130 + 212 + 240 \\ 635 &:= 2^6 + 2^7 + 14^0 + 21^2 + 23^0 = 26 + 27 + 140 + 212 + 230 \\ 635 &:= 2^6 + 2^7 + 15^0 + 21^2 + 22^0 = 26 + 27 + 150 + 212 + 220 \\ 635 &:= 2^6 + 2^7 + 16^0 + 21^0 + 21^2 = 26 + 27 + 160 + 210 + 212 \\ 635 &:= 2^6 + 2^7 + 17^0 + 20^0 + 21^2 = 26 + 27 + 170 + 200 + 212 \\ 635 &:= 2^6 + 2^7 + 18^0 + 19^0 + 21^2 = 26 + 27 + 180 + 190 + 212 \\ 635 &:= 2^8 + 4^4 + 10^2 + 22^1 + 24^0 = 28 + 44 + 102 + 221 + 240 \\ 635 &:= 2^9 + 3^4 + 14^1 + 16^0 + 27^1 = 29 + 34 + 141 + 160 + 271 \\ 635 &:= 2^9 + 3^4 + 15^1 + 16^0 + 26^1 = 29 + 34 + 151 + 160 + 261 \\ 635 &:= 2^9 + 3^4 + 16^0 + 16^1 + 25^1 = 29 + 34 + 160 + 161 + 251 \\ 635 &:= 2^9 + 3^4 + 16^0 + 17^1 + 24^1 = 29 + 34 + 160 + 171 + 241 \\ 635 &:= 2^9 + 3^4 + 16^0 + 18^1 + 23^1 = 29 + 34 + 160 + 181 + 231 \\ 635 &:= 2^9 + 3^4 + 16^0 + 19^1 + 22^1 = 29 + 34 + 160 + 191 + 221 \end{aligned}$$

$$\begin{aligned} 635 &:= 2^9 + 3^4 + 16^0 + 20^1 + 21^1 = 29 + 34 + 160 + 201 + 211 \\ 635 &:= 3^0 + 3^0 + 13^2 + 21^2 + 23^1 = 30 + 30 + 132 + 212 + 231 \\ 635 &:= 3^0 + 4^1 + 10^2 + 23^0 + 23^2 = 30 + 41 + 102 + 230 + 232 \\ 635 &:= 3^0 + 5^0 + 17^2 + 18^2 + 20^1 = 30 + 50 + 172 + 182 + 201 \\ 635 &:= 3^0 + 5^0 + 9^2 + 23^1 + 23^2 = 30 + 50 + 92 + 231 + 232 \\ 635 &:= 3^0 + 5^1 + 12^2 + 21^0 + 22^2 = 30 + 51 + 122 + 210 + 222 \\ 635 &:= 3^0 + 5^4 + 7^1 + 21^0 + 27^0 = 30 + 54 + 71 + 210 + 270 \\ 635 &:= 3^0 + 5^4 + 7^1 + 22^0 + 26^0 = 30 + 54 + 71 + 220 + 260 \\ 635 &:= 3^0 + 5^4 + 7^1 + 23^0 + 25^0 = 30 + 54 + 71 + 230 + 250 \\ 635 &:= 3^0 + 5^4 + 7^1 + 24^0 + 24^0 = 30 + 54 + 71 + 240 + 240 \\ 635 &:= 3^0 + 6^2 + 9^0 + 21^1 + 24^2 = 30 + 62 + 90 + 211 + 242 \\ 635 &:= 3^0 + 7^2 + 8^1 + 21^0 + 24^2 = 30 + 72 + 81 + 210 + 242 \\ 635 &:= 3^0 + 7^3 + 10^0 + 17^2 + 26^0 = 30 + 73 + 100 + 172 + 260 \\ 635 &:= 3^0 + 7^3 + 11^0 + 17^2 + 25^0 = 30 + 73 + 110 + 172 + 250 \\ 635 &:= 3^0 + 7^3 + 12^0 + 17^2 + 24^0 = 30 + 73 + 120 + 172 + 240 \\ 635 &:= 3^0 + 7^3 + 13^0 + 17^2 + 23^0 = 30 + 73 + 130 + 172 + 230 \\ 635 &:= 3^0 + 7^3 + 14^0 + 17^2 + 22^0 = 30 + 73 + 140 + 172 + 220 \\ 635 &:= 3^0 + 7^3 + 15^0 + 17^2 + 21^0 = 30 + 73 + 150 + 172 + 210 \\ 635 &:= 3^0 + 7^3 + 16^0 + 17^2 + 20^0 = 30 + 73 + 160 + 172 + 200 \\ 635 &:= 3^0 + 7^3 + 17^0 + 17^2 + 19^0 = 30 + 73 + 170 + 172 + 190 \\ 635 &:= 3^0 + 7^3 + 17^2 + 18^0 + 18^0 = 30 + 73 + 172 + 180 + 180 \\ 635 &:= 3^0 + 7^3 + 9^0 + 17^2 + 27^0 = 30 + 73 + 90 + 172 + 270 \\ 635 &:= 3^0 + 8^1 + 15^2 + 17^0 + 20^2 = 30 + 81 + 152 + 170 + 202 \\ 635 &:= 3^0 + 9^0 + 16^1 + 16^2 + 19^2 = 30 + 90 + 161 + 162 + 192 \\ 635 &:= 4^0 + 4^0 + 17^2 + 18^2 + 20^1 = 40 + 40 + 172 + 182 + 201 \\ 635 &:= 4^0 + 4^0 + 9^2 + 23^1 + 23^2 = 40 + 40 + 92 + 231 + 232 \\ 635 &:= 4^0 + 4^1 + 10^2 + 22^0 + 23^2 = 40 + 41 + 102 + 220 + 232 \\ 635 &:= 4^0 + 5^1 + 12^2 + 20^0 + 22^2 = 40 + 51 + 122 + 200 + 222 \\ 635 &:= 4^0 + 5^4 + 7^1 + 20^0 + 27^0 = 40 + 54 + 71 + 200 + 270 \\ 635 &:= 4^0 + 5^4 + 7^1 + 21^0 + 26^0 = 40 + 54 + 71 + 210 + 260 \\ 635 &:= 4^0 + 5^4 + 7^1 + 22^0 + 25^0 = 40 + 54 + 71 + 220 + 250 \\ 635 &:= 4^0 + 5^4 + 7^1 + 23^0 + 24^0 = 40 + 54 + 71 + 230 + 240 \\ 635 &:= 4^0 + 6^2 + 8^0 + 21^1 + 24^2 = 40 + 62 + 80 + 211 + 242 \\ 635 &:= 4^0 + 7^2 + 8^1 + 20^0 + 24^2 = 40 + 72 + 81 + 200 + 242 \\ 635 &:= 4^0 + 7^3 + 10^0 + 17^2 + 25^0 = 40 + 73 + 100 + 172 + 250 \\ 635 &:= 4^0 + 7^3 + 11^0 + 17^2 + 24^0 = 40 + 73 + 110 + 172 + 240 \\ 635 &:= 4^0 + 7^3 + 12^0 + 17^2 + 23^0 = 40 + 73 + 120 + 172 + 230 \\ 635 &:= 4^0 + 7^3 + 13^0 + 17^2 + 22^0 = 40 + 73 + 130 + 172 + 220 \end{aligned}$$

$$\begin{aligned} 635 &:= 4^0 + 7^3 + 14^0 + 17^2 + 21^0 = 40 + 73 + 140 + 172 + 210 & 635 &:= 5^1 + 10^0 + 12^2 + 14^0 + 22^2 = 51 + 100 + 122 + 140 + 222 \\ 635 &:= 4^0 + 7^3 + 15^0 + 17^2 + 20^0 = 40 + 73 + 150 + 172 + 200 & 635 &:= 5^1 + 11^0 + 12^2 + 13^0 + 22^2 = 51 + 110 + 122 + 130 + 222 \\ 635 &:= 4^0 + 7^3 + 16^0 + 17^2 + 19^0 = 40 + 73 + 160 + 172 + 190 & 635 &:= 5^1 + 12^0 + 12^0 + 12^2 + 22^2 = 51 + 120 + 120 + 122 + 222 \\ 635 &:= 4^0 + 7^3 + 17^0 + 17^2 + 18^0 = 40 + 73 + 170 + 172 + 180 & 635 &:= 5^1 + 6^0 + 12^2 + 18^0 + 22^2 = 51 + 60 + 122 + 180 + 222 \\ 635 &:= 4^0 + 7^3 + 8^0 + 17^2 + 27^0 = 40 + 73 + 80 + 172 + 270 & 635 &:= 5^1 + 7^0 + 12^2 + 17^0 + 22^2 = 51 + 70 + 122 + 170 + 222 \\ 635 &:= 4^0 + 7^3 + 9^0 + 17^2 + 26^0 = 40 + 73 + 90 + 172 + 260 & 635 &:= 5^1 + 8^0 + 12^2 + 16^0 + 22^2 = 51 + 80 + 122 + 160 + 222 \\ 635 &:= 4^0 + 8^0 + 16^1 + 16^2 + 19^2 = 40 + 80 + 161 + 162 + 192 & 635 &:= 5^1 + 9^0 + 12^2 + 15^0 + 22^2 = 51 + 90 + 122 + 150 + 222 \\ 635 &:= 4^0 + 8^1 + 15^2 + 16^0 + 20^2 = 40 + 81 + 152 + 160 + 202 & 635 &:= 5^4 + 6^0 + 7^1 + 18^0 + 27^0 = 54 + 60 + 71 + 180 + 270 \\ 635 &:= 4^1 + 10^0 + 10^2 + 16^0 + 23^2 = 41 + 100 + 102 + 160 + 232 & 635 &:= 5^4 + 6^0 + 7^1 + 19^0 + 26^0 = 54 + 60 + 71 + 190 + 260 \\ 635 &:= 4^1 + 10^2 + 11^0 + 15^0 + 23^2 = 41 + 102 + 110 + 150 + 232 & 635 &:= 5^4 + 6^0 + 7^1 + 20^0 + 25^0 = 54 + 60 + 71 + 200 + 250 \\ 635 &:= 4^1 + 10^2 + 12^0 + 14^0 + 23^2 = 41 + 102 + 120 + 140 + 232 & 635 &:= 5^4 + 6^0 + 7^1 + 21^0 + 24^0 = 54 + 60 + 71 + 210 + 240 \\ 635 &:= 4^1 + 10^2 + 13^0 + 13^0 + 23^2 = 41 + 102 + 130 + 130 + 232 & 635 &:= 5^4 + 6^0 + 7^1 + 22^0 + 23^0 = 54 + 60 + 71 + 220 + 230 \\ 635 &:= 4^1 + 5^0 + 10^2 + 21^0 + 23^2 = 41 + 50 + 102 + 210 + 232 & 635 &:= 5^4 + 7^0 + 7^1 + 17^0 + 27^0 = 54 + 70 + 71 + 170 + 270 \\ 635 &:= 4^1 + 6^0 + 10^2 + 20^0 + 23^2 = 41 + 60 + 102 + 200 + 232 & 635 &:= 5^4 + 7^0 + 7^1 + 18^0 + 26^0 = 54 + 70 + 71 + 180 + 260 \\ 635 &:= 4^1 + 7^0 + 10^2 + 19^0 + 23^2 = 41 + 70 + 102 + 190 + 232 & 635 &:= 5^4 + 7^0 + 7^1 + 19^0 + 25^0 = 54 + 70 + 71 + 190 + 250 \\ 635 &:= 4^1 + 8^0 + 10^2 + 18^0 + 23^2 = 41 + 80 + 102 + 180 + 232 & 635 &:= 5^4 + 7^0 + 7^1 + 20^0 + 24^0 = 54 + 70 + 71 + 200 + 240 \\ 635 &:= 4^1 + 9^0 + 10^2 + 17^0 + 23^2 = 41 + 90 + 102 + 170 + 232 & 635 &:= 5^4 + 7^0 + 7^1 + 21^0 + 23^0 = 54 + 70 + 71 + 210 + 230 \\ 635 &:= 5^0 + 5^1 + 12^2 + 19^0 + 22^2 = 50 + 51 + 122 + 190 + 222 & 635 &:= 5^4 + 7^0 + 7^1 + 22^0 + 22^0 = 54 + 70 + 71 + 220 + 220 \\ 635 &:= 5^0 + 5^4 + 7^1 + 19^0 + 27^0 = 50 + 54 + 71 + 190 + 270 & 635 &:= 5^4 + 7^1 + 10^0 + 14^0 + 27^0 = 54 + 71 + 100 + 140 + 270 \\ 635 &:= 5^0 + 5^4 + 7^1 + 20^0 + 26^0 = 50 + 54 + 71 + 200 + 260 & 635 &:= 5^4 + 7^1 + 10^0 + 15^0 + 26^0 = 54 + 71 + 100 + 150 + 260 \\ 635 &:= 5^0 + 5^4 + 7^1 + 21^0 + 25^0 = 50 + 54 + 71 + 210 + 250 & 635 &:= 5^4 + 7^1 + 10^0 + 16^0 + 25^0 = 54 + 71 + 100 + 160 + 250 \\ 635 &:= 5^0 + 5^4 + 7^1 + 22^0 + 24^0 = 50 + 54 + 71 + 220 + 240 & 635 &:= 5^4 + 7^1 + 10^0 + 17^0 + 24^0 = 54 + 71 + 100 + 170 + 240 \\ 635 &:= 5^0 + 5^4 + 7^1 + 23^0 + 23^0 = 50 + 54 + 71 + 230 + 230 & 635 &:= 5^4 + 7^1 + 10^0 + 18^0 + 23^0 = 54 + 71 + 100 + 180 + 230 \\ 635 &:= 5^0 + 6^2 + 7^0 + 21^1 + 24^2 = 50 + 62 + 70 + 211 + 242 & 635 &:= 5^4 + 7^1 + 10^0 + 19^0 + 22^0 = 54 + 71 + 100 + 190 + 220 \\ 635 &:= 5^0 + 7^0 + 16^1 + 16^2 + 19^2 = 50 + 70 + 161 + 162 + 192 & 635 &:= 5^4 + 7^1 + 10^0 + 20^0 + 21^0 = 54 + 71 + 100 + 200 + 210 \\ 635 &:= 5^0 + 7^0 + 7^3 + 17^2 + 27^0 = 50 + 70 + 73 + 172 + 270 & 635 &:= 5^4 + 7^1 + 11^0 + 13^0 + 27^0 = 54 + 71 + 110 + 130 + 270 \\ 635 &:= 5^0 + 7^2 + 8^1 + 19^0 + 24^2 = 50 + 72 + 81 + 190 + 242 & 635 &:= 5^4 + 7^1 + 11^0 + 14^0 + 26^0 = 54 + 71 + 110 + 140 + 260 \\ 635 &:= 5^0 + 7^3 + 10^0 + 17^2 + 24^0 = 50 + 73 + 100 + 172 + 240 & 635 &:= 5^4 + 7^1 + 11^0 + 15^0 + 25^0 = 54 + 71 + 110 + 150 + 250 \\ 635 &:= 5^0 + 7^3 + 11^0 + 17^2 + 23^0 = 50 + 73 + 110 + 172 + 230 & 635 &:= 5^4 + 7^1 + 11^0 + 16^0 + 24^0 = 54 + 71 + 110 + 160 + 240 \\ 635 &:= 5^0 + 7^3 + 12^0 + 17^2 + 22^0 = 50 + 73 + 120 + 172 + 220 & 635 &:= 5^4 + 7^1 + 11^0 + 17^0 + 23^0 = 54 + 71 + 110 + 170 + 230 \\ 635 &:= 5^0 + 7^3 + 13^0 + 17^2 + 21^0 = 50 + 73 + 130 + 172 + 210 & 635 &:= 5^4 + 7^1 + 11^0 + 18^0 + 22^0 = 54 + 71 + 110 + 180 + 220 \\ 635 &:= 5^0 + 7^3 + 14^0 + 17^2 + 20^0 = 50 + 73 + 140 + 172 + 200 & 635 &:= 5^4 + 7^1 + 11^0 + 19^0 + 21^0 = 54 + 71 + 110 + 190 + 210 \\ 635 &:= 5^0 + 7^3 + 15^0 + 17^2 + 19^0 = 50 + 73 + 150 + 172 + 190 & 635 &:= 5^4 + 7^1 + 11^0 + 20^0 + 20^0 = 54 + 71 + 110 + 200 + 200 \\ 635 &:= 5^0 + 7^3 + 16^0 + 17^2 + 18^0 = 50 + 73 + 160 + 172 + 180 & 635 &:= 5^4 + 7^1 + 12^0 + 12^0 + 27^0 = 54 + 71 + 120 + 120 + 270 \\ 635 &:= 5^0 + 7^3 + 17^0 + 17^0 + 17^2 = 50 + 73 + 170 + 170 + 172 & 635 &:= 5^4 + 7^1 + 12^0 + 13^0 + 26^0 = 54 + 71 + 120 + 130 + 260 \\ 635 &:= 5^0 + 7^3 + 8^0 + 17^2 + 26^0 = 50 + 73 + 80 + 172 + 260 & 635 &:= 5^4 + 7^1 + 12^0 + 14^0 + 25^0 = 54 + 71 + 120 + 140 + 250 \\ 635 &:= 5^0 + 7^3 + 9^0 + 17^2 + 25^0 = 50 + 73 + 90 + 172 + 250 & 635 &:= 5^4 + 7^1 + 12^0 + 15^0 + 24^0 = 54 + 71 + 120 + 150 + 240 \\ 635 &:= 5^0 + 8^1 + 15^0 + 15^2 + 20^2 = 50 + 81 + 150 + 152 + 202 & 635 &:= 5^4 + 7^1 + 12^0 + 16^0 + 23^0 = 54 + 71 + 120 + 160 + 230 \end{aligned}$$

$$\begin{aligned} 635 &:= 5^4 + 7^1 + 12^0 + 17^0 + 22^0 = 54 + 71 + 120 + 170 + 220 & 635 &:= 6^0 + 7^0 + 7^3 + 17^2 + 26^0 = 60 + 70 + 73 + 172 + 260 \\ 635 &:= 5^4 + 7^1 + 12^0 + 18^0 + 21^0 = 54 + 71 + 120 + 180 + 210 & 635 &:= 6^0 + 7^2 + 8^1 + 18^0 + 24^2 = 60 + 72 + 81 + 180 + 242 \\ 635 &:= 5^4 + 7^1 + 12^0 + 19^0 + 20^0 = 54 + 71 + 120 + 190 + 200 & 635 &:= 6^0 + 7^3 + 10^0 + 17^2 + 23^0 = 60 + 73 + 100 + 172 + 230 \\ 635 &:= 5^4 + 7^1 + 13^0 + 13^0 + 25^0 = 54 + 71 + 130 + 130 + 250 & 635 &:= 6^0 + 7^3 + 11^0 + 17^2 + 22^0 = 60 + 73 + 110 + 172 + 220 \\ 635 &:= 5^4 + 7^1 + 13^0 + 14^0 + 24^0 = 54 + 71 + 130 + 140 + 240 & 635 &:= 6^0 + 7^3 + 12^0 + 17^2 + 21^0 = 60 + 73 + 120 + 172 + 210 \\ 635 &:= 5^4 + 7^1 + 13^0 + 15^0 + 23^0 = 54 + 71 + 130 + 150 + 230 & 635 &:= 6^0 + 7^3 + 13^0 + 17^2 + 20^0 = 60 + 73 + 130 + 172 + 200 \\ 635 &:= 5^4 + 7^1 + 13^0 + 16^0 + 22^0 = 54 + 71 + 130 + 160 + 220 & 635 &:= 6^0 + 7^3 + 14^0 + 17^2 + 19^0 = 60 + 73 + 140 + 172 + 190 \\ 635 &:= 5^4 + 7^1 + 13^0 + 17^0 + 21^0 = 54 + 71 + 130 + 170 + 210 & 635 &:= 6^0 + 7^3 + 15^0 + 17^2 + 18^0 = 60 + 73 + 150 + 172 + 180 \\ 635 &:= 5^4 + 7^1 + 13^0 + 18^0 + 20^0 = 54 + 71 + 130 + 180 + 200 & 635 &:= 6^0 + 7^3 + 16^0 + 17^0 + 17^2 = 60 + 73 + 160 + 170 + 172 \\ 635 &:= 5^4 + 7^1 + 13^0 + 19^0 + 19^0 = 54 + 71 + 130 + 190 + 190 & 635 &:= 6^0 + 7^3 + 8^0 + 17^2 + 25^0 = 60 + 73 + 80 + 172 + 250 \\ 635 &:= 5^4 + 7^1 + 14^0 + 14^0 + 23^0 = 54 + 71 + 140 + 140 + 230 & 635 &:= 6^0 + 7^3 + 9^0 + 17^2 + 24^0 = 60 + 73 + 90 + 172 + 240 \\ 635 &:= 5^4 + 7^1 + 14^0 + 15^0 + 22^0 = 54 + 71 + 140 + 150 + 220 & 635 &:= 6^0 + 8^1 + 14^0 + 15^2 + 20^2 = 60 + 81 + 140 + 152 + 202 \\ 635 &:= 5^4 + 7^1 + 14^0 + 16^0 + 21^0 = 54 + 71 + 140 + 160 + 210 & 635 &:= 7^0 + 7^0 + 7^3 + 17^2 + 25^0 = 70 + 70 + 73 + 172 + 250 \\ 635 &:= 5^4 + 7^1 + 14^0 + 17^0 + 20^0 = 54 + 71 + 140 + 170 + 200 & 635 &:= 7^0 + 7^2 + 8^1 + 17^0 + 24^2 = 70 + 72 + 81 + 170 + 242 \\ 635 &:= 5^4 + 7^1 + 14^0 + 18^0 + 19^0 = 54 + 71 + 140 + 180 + 190 & 635 &:= 7^0 + 7^3 + 10^0 + 17^2 + 22^0 = 70 + 73 + 100 + 172 + 220 \\ 635 &:= 5^4 + 7^1 + 15^0 + 15^0 + 21^0 = 54 + 71 + 150 + 150 + 210 & 635 &:= 7^0 + 7^3 + 11^0 + 17^2 + 21^0 = 70 + 73 + 110 + 172 + 210 \\ 635 &:= 5^4 + 7^1 + 15^0 + 16^0 + 20^0 = 54 + 71 + 150 + 160 + 200 & 635 &:= 7^0 + 7^3 + 12^0 + 17^2 + 20^0 = 70 + 73 + 120 + 172 + 200 \\ 635 &:= 5^4 + 7^1 + 15^0 + 17^0 + 19^0 = 54 + 71 + 150 + 170 + 190 & 635 &:= 7^0 + 7^3 + 13^0 + 17^2 + 19^0 = 70 + 73 + 130 + 172 + 190 \\ 635 &:= 5^4 + 7^1 + 15^0 + 18^0 + 18^0 = 54 + 71 + 150 + 180 + 180 & 635 &:= 7^0 + 7^3 + 14^0 + 17^2 + 18^0 = 70 + 73 + 140 + 172 + 180 \\ 635 &:= 5^4 + 7^1 + 16^0 + 16^0 + 19^0 = 54 + 71 + 160 + 160 + 190 & 635 &:= 7^0 + 7^3 + 15^0 + 17^0 + 17^2 = 70 + 73 + 150 + 170 + 172 \\ 635 &:= 5^4 + 7^1 + 16^0 + 17^0 + 18^0 = 54 + 71 + 160 + 170 + 180 & 635 &:= 7^0 + 7^3 + 16^0 + 16^0 + 17^2 = 70 + 73 + 160 + 160 + 172 \\ 635 &:= 5^4 + 7^1 + 17^0 + 17^0 + 17^0 = 54 + 71 + 170 + 170 + 170 & 635 &:= 7^0 + 7^3 + 8^0 + 17^2 + 24^0 = 70 + 73 + 80 + 172 + 240 \\ 635 &:= 5^4 + 7^1 + 8^0 + 16^0 + 27^0 = 54 + 71 + 80 + 160 + 270 & 635 &:= 7^0 + 7^3 + 9^0 + 17^2 + 23^0 = 70 + 73 + 90 + 172 + 230 \\ 635 &:= 5^4 + 7^1 + 8^0 + 17^0 + 26^0 = 54 + 71 + 80 + 170 + 260 & 635 &:= 7^0 + 8^1 + 13^0 + 15^2 + 20^2 = 70 + 81 + 130 + 152 + 202 \\ 635 &:= 5^4 + 7^1 + 8^0 + 18^0 + 25^0 = 54 + 71 + 80 + 180 + 250 & 635 &:= 7^2 + 8^0 + 8^1 + 16^0 + 24^2 = 72 + 80 + 81 + 160 + 242 \\ 635 &:= 5^4 + 7^1 + 8^0 + 19^0 + 24^0 = 54 + 71 + 80 + 190 + 240 & 635 &:= 7^2 + 8^1 + 10^0 + 14^0 + 24^2 = 72 + 81 + 100 + 140 + 242 \\ 635 &:= 5^4 + 7^1 + 8^0 + 20^0 + 23^0 = 54 + 71 + 80 + 200 + 230 & 635 &:= 7^2 + 8^1 + 11^0 + 13^0 + 24^2 = 72 + 81 + 110 + 130 + 242 \\ 635 &:= 5^4 + 7^1 + 8^0 + 21^0 + 22^0 = 54 + 71 + 80 + 210 + 220 & 635 &:= 7^2 + 8^1 + 12^0 + 12^0 + 24^2 = 72 + 81 + 120 + 120 + 242 \\ 635 &:= 5^4 + 7^1 + 9^0 + 15^0 + 27^0 = 54 + 71 + 90 + 150 + 270 & 635 &:= 7^2 + 8^1 + 9^0 + 15^0 + 24^2 = 72 + 81 + 90 + 150 + 242 \\ 635 &:= 5^4 + 7^1 + 9^0 + 16^0 + 26^0 = 54 + 71 + 90 + 160 + 260 & 635 &:= 7^3 + 10^0 + 10^0 + 17^2 + 19^0 = 73 + 100 + 100 + 172 + 190 \\ 635 &:= 5^4 + 7^1 + 9^0 + 17^0 + 25^0 = 54 + 71 + 90 + 170 + 250 & 635 &:= 7^3 + 10^0 + 11^0 + 17^2 + 18^0 = 73 + 100 + 110 + 172 + 180 \\ 635 &:= 5^4 + 7^1 + 9^0 + 18^0 + 24^0 = 54 + 71 + 90 + 180 + 240 & 635 &:= 7^3 + 10^0 + 12^0 + 17^0 + 17^2 = 73 + 100 + 120 + 170 + 172 \\ 635 &:= 5^4 + 7^1 + 9^0 + 19^0 + 23^0 = 54 + 71 + 90 + 190 + 230 & 635 &:= 7^3 + 10^0 + 13^0 + 16^0 + 17^2 = 73 + 100 + 130 + 160 + 172 \\ 635 &:= 5^4 + 7^1 + 9^0 + 20^0 + 22^0 = 54 + 71 + 90 + 200 + 220 & 635 &:= 7^3 + 10^0 + 14^0 + 15^0 + 17^2 = 73 + 100 + 140 + 150 + 172 \\ 635 &:= 5^4 + 7^1 + 9^0 + 21^0 + 21^0 = 54 + 71 + 90 + 210 + 210 & 635 &:= 7^3 + 11^0 + 11^0 + 17^0 + 17^2 = 73 + 110 + 110 + 170 + 172 \\ 635 &:= 6^0 + 6^0 + 16^1 + 16^2 + 19^2 = 60 + 60 + 161 + 162 + 192 & 635 &:= 7^3 + 11^0 + 12^0 + 16^0 + 17^2 = 73 + 110 + 120 + 160 + 172 \\ 635 &:= 6^0 + 6^0 + 6^2 + 21^1 + 24^2 = 60 + 60 + 62 + 211 + 242 & 635 &:= 7^3 + 11^0 + 13^0 + 15^0 + 17^2 = 73 + 110 + 130 + 150 + 172 \\ 635 &:= 6^0 + 6^0 + 7^3 + 17^2 + 27^0 = 60 + 60 + 73 + 172 + 270 & 635 &:= 7^3 + 11^0 + 14^0 + 14^0 + 17^2 = 73 + 110 + 140 + 140 + 172 \end{aligned}$$

$$\begin{aligned}
 635 &:= 7^3 + 12^0 + 12^0 + 15^0 + 17^2 = 73 + 120 + 120 + 150 + 172 \\
 635 &:= 7^3 + 12^0 + 13^0 + 14^0 + 17^2 = 73 + 120 + 130 + 140 + 172 \\
 635 &:= 7^3 + 13^0 + 13^0 + 13^0 + 17^2 = 73 + 130 + 130 + 130 + 172 \\
 635 &:= 7^3 + 8^0 + 10^0 + 17^2 + 21^0 = 73 + 80 + 100 + 172 + 210 \\
 635 &:= 7^3 + 8^0 + 11^0 + 17^2 + 20^0 = 73 + 80 + 110 + 172 + 200 \\
 635 &:= 7^3 + 8^0 + 12^0 + 17^2 + 19^0 = 73 + 80 + 120 + 172 + 190 \\
 635 &:= 7^3 + 8^0 + 13^0 + 17^2 + 18^0 = 73 + 80 + 130 + 172 + 180 \\
 635 &:= 7^3 + 8^0 + 14^0 + 17^0 + 17^2 = 73 + 80 + 140 + 170 + 172 \\
 635 &:= 7^3 + 8^0 + 15^0 + 16^0 + 17^2 = 73 + 80 + 150 + 160 + 172 \\
 635 &:= 7^3 + 8^0 + 8^0 + 17^2 + 23^0 = 73 + 80 + 80 + 172 + 230 \\
 635 &:= 7^3 + 8^0 + 9^0 + 17^2 + 22^0 = 73 + 80 + 90 + 172 + 220
 \end{aligned}$$

$$\begin{aligned}
 635 &:= 7^3 + 9^0 + 10^0 + 17^2 + 20^0 = 73 + 90 + 100 + 172 + 200 \\
 635 &:= 7^3 + 9^0 + 11^0 + 17^2 + 19^0 = 73 + 90 + 110 + 172 + 190 \\
 635 &:= 7^3 + 9^0 + 12^0 + 17^2 + 18^0 = 73 + 90 + 120 + 172 + 180 \\
 635 &:= 7^3 + 9^0 + 13^0 + 17^0 + 17^2 = 73 + 90 + 130 + 170 + 172 \\
 635 &:= 7^3 + 9^0 + 14^0 + 16^0 + 17^2 = 73 + 90 + 140 + 160 + 172 \\
 635 &:= 7^3 + 9^0 + 15^0 + 15^0 + 17^2 = 73 + 90 + 150 + 150 + 172 \\
 635 &:= 7^3 + 9^0 + 9^0 + 17^2 + 21^0 = 73 + 90 + 90 + 172 + 210 \\
 635 &:= 8^0 + 8^1 + 12^0 + 15^2 + 20^2 = 80 + 81 + 120 + 152 + 202 \\
 635 &:= 8^1 + 10^0 + 10^0 + 15^2 + 20^2 = 81 + 100 + 100 + 152 + 202 \\
 635 &:= 8^1 + 9^0 + 11^0 + 15^2 + 20^2 = 81 + 90 + 110 + 152 + 202
 \end{aligned}$$

2.2.537 Number 636

$$\begin{aligned}
 636 &:= 1^0 + 3^2 + 5^4 + 54^0 = 10 + 32 + 54 + 540 \\
 636 &:= 1^1 + 5^4 + 9^1 + 48^0 = 11 + 54 + 91 + 480 \\
 636 &:= 1^2 + 3^2 + 25^2 + 34^0 = 12 + 32 + 252 + 340 \\
 636 &:= 1^3 + 9^1 + 25^2 + 28^0 = 13 + 91 + 252 + 280 \\
 636 &:= 11^2 + 15^2 + 17^2 + 20^0 = 112 + 152 + 172 + 200 \\
 636 &:= 2^0 + 3^2 + 5^4 + 53^0 = 20 + 32 + 54 + 530 \\
 636 &:= 2^1 + 2^3 + 25^2 + 34^0 = 21 + 23 + 252 + 340 \\
 636 &:= 2^1 + 5^4 + 8^1 + 48^0 = 21 + 54 + 81 + 480 \\
 636 &:= 2^1 + 8^3 + 11^2 + 42^0 = 21 + 83 + 112 + 420 \\
 636 &:= 3^0 + 3^2 + 5^4 + 52^0 = 30 + 32 + 54 + 520 \\
 636 &:= 3^1 + 5^4 + 7^1 + 48^0 = 31 + 54 + 71 + 480 \\
 636 &:= 3^1 + 7^3 + 17^2 + 36^0 = 31 + 73 + 172 + 360 \\
 636 &:= 3^2 + 4^0 + 5^4 + 51^0 = 32 + 40 + 54 + 510 \\
 636 &:= 3^2 + 5^0 + 5^4 + 50^0 = 32 + 50 + 54 + 500 \\
 636 &:= 3^2 + 5^4 + 10^0 + 45^0 = 32 + 54 + 100 + 450 \\
 636 &:= 3^2 + 5^4 + 11^0 + 44^0 = 32 + 54 + 110 + 440 \\
 636 &:= 3^2 + 5^4 + 12^0 + 43^0 = 32 + 54 + 120 + 430 \\
 636 &:= 3^2 + 5^4 + 13^0 + 42^0 = 32 + 54 + 130 + 420 \\
 636 &:= 3^2 + 5^4 + 14^0 + 41^0 = 32 + 54 + 140 + 410 \\
 636 &:= 3^2 + 5^4 + 15^0 + 40^0 = 32 + 54 + 150 + 400 \\
 636 &:= 3^2 + 5^4 + 16^0 + 39^0 = 32 + 54 + 160 + 390 \\
 636 &:= 3^2 + 5^4 + 17^0 + 38^0 = 32 + 54 + 170 + 380 \\
 636 &:= 3^2 + 5^4 + 18^0 + 37^0 = 32 + 54 + 180 + 370 \\
 636 &:= 3^2 + 5^4 + 19^0 + 36^0 = 32 + 54 + 190 + 360
 \end{aligned}$$

$$\begin{aligned}
 636 &:= 3^2 + 5^4 + 20^0 + 35^0 = 32 + 54 + 200 + 350 \\
 636 &:= 3^2 + 5^4 + 21^0 + 34^0 = 32 + 54 + 210 + 340 \\
 636 &:= 3^2 + 5^4 + 22^0 + 33^0 = 32 + 54 + 220 + 330 \\
 636 &:= 3^2 + 5^4 + 23^0 + 32^0 = 32 + 54 + 230 + 320 \\
 636 &:= 3^2 + 5^4 + 24^0 + 31^0 = 32 + 54 + 240 + 310 \\
 636 &:= 3^2 + 5^4 + 25^0 + 30^0 = 32 + 54 + 250 + 300 \\
 636 &:= 3^2 + 5^4 + 26^0 + 29^0 = 32 + 54 + 260 + 290 \\
 636 &:= 3^2 + 5^4 + 27^0 + 28^0 = 32 + 54 + 270 + 280 \\
 636 &:= 3^2 + 5^4 + 6^0 + 49^0 = 32 + 54 + 60 + 490 \\
 636 &:= 3^2 + 5^4 + 7^0 + 48^0 = 32 + 54 + 70 + 480 \\
 636 &:= 3^2 + 5^4 + 8^0 + 47^0 = 32 + 54 + 80 + 470 \\
 636 &:= 3^2 + 5^4 + 9^0 + 46^0 = 32 + 54 + 90 + 460 \\
 636 &:= 3^3 + 4^0 + 24^2 + 32^1 = 33 + 40 + 242 + 321 \\
 636 &:= 4^0 + 7^3 + 16^2 + 36^1 = 40 + 73 + 162 + 361 \\
 636 &:= 4^0 + 8^3 + 9^2 + 42^1 = 40 + 83 + 92 + 421 \\
 636 &:= 4^1 + 5^4 + 6^1 + 48^0 = 41 + 54 + 61 + 480 \\
 636 &:= 5^1 + 5^1 + 5^4 + 48^0 = 51 + 51 + 54 + 480 \\
 636 &:= 5^2 + 13^2 + 21^2 + 24^0 = 52 + 132 + 212 + 240 \\
 636 &:= 5^2 + 9^2 + 23^2 + 26^0 = 52 + 92 + 232 + 260 \\
 636 &:= 5^3 + 10^0 + 22^2 + 26^1 = 53 + 100 + 222 + 261 \\
 636 &:= 6^3 + 18^0 + 19^1 + 20^2 = 63 + 180 + 191 + 202 \\
 636 &:= 7^2 + 15^2 + 19^2 + 22^0 = 72 + 152 + 192 + 220 \\
 636 &:= 8^3 + 10^2 + 22^0 + 23^1 = 83 + 102 + 220 + 231 \\
 636 &:= 1^0 + 3^2 + 15^2 + 20^2 + 24^0 = 10 + 32 + 152 + 202 + 240
 \end{aligned}$$

$$\begin{aligned} 636 &:= 1^0 + 5^3 + 10^0 + 22^2 + 25^1 = 10 + 53 + 100 + 222 + 251 \\ 636 &:= 1^0 + 6^3 + 18^0 + 18^1 + 20^2 = 10 + 63 + 180 + 181 + 202 \\ 636 &:= 1^0 + 7^2 + 12^2 + 21^2 + 22^0 = 10 + 72 + 122 + 212 + 220 \\ 636 &:= 1^0 + 8^3 + 10^2 + 22^0 + 22^1 = 10 + 83 + 102 + 220 + 221 \\ 636 &:= 1^1 + 10^0 + 16^2 + 17^1 + 19^2 = 11 + 100 + 162 + 171 + 192 \\ 636 &:= 1^1 + 2^3 + 10^0 + 25^0 + 25^2 = 11 + 23 + 100 + 250 + 252 \\ 636 &:= 1^1 + 2^3 + 11^0 + 24^0 + 25^2 = 11 + 23 + 110 + 240 + 252 \\ 636 &:= 1^1 + 2^3 + 12^0 + 23^0 + 25^2 = 11 + 23 + 120 + 230 + 252 \\ 636 &:= 1^1 + 2^3 + 13^0 + 22^0 + 25^2 = 11 + 23 + 130 + 220 + 252 \\ 636 &:= 1^1 + 2^3 + 14^0 + 21^0 + 25^2 = 11 + 23 + 140 + 210 + 252 \\ 636 &:= 1^1 + 2^3 + 15^0 + 20^0 + 25^2 = 11 + 23 + 150 + 200 + 252 \\ 636 &:= 1^1 + 2^3 + 16^0 + 19^0 + 25^2 = 11 + 23 + 160 + 190 + 252 \\ 636 &:= 1^1 + 2^3 + 17^0 + 18^0 + 25^2 = 11 + 23 + 170 + 180 + 252 \\ 636 &:= 1^1 + 2^3 + 8^0 + 25^2 + 27^0 = 11 + 23 + 80 + 252 + 270 \\ 636 &:= 1^1 + 2^3 + 9^0 + 25^2 + 26^0 = 11 + 23 + 90 + 252 + 260 \\ 636 &:= 1^1 + 4^0 + 13^2 + 21^2 + 24^1 = 11 + 40 + 132 + 212 + 241 \\ 636 &:= 1^1 + 5^1 + 10^2 + 23^2 + 24^0 = 11 + 51 + 102 + 232 + 240 \\ 636 &:= 1^1 + 5^4 + 8^1 + 22^0 + 27^0 = 11 + 54 + 81 + 220 + 270 \\ 636 &:= 1^1 + 5^4 + 8^1 + 23^0 + 26^0 = 11 + 54 + 81 + 230 + 260 \\ 636 &:= 1^1 + 5^4 + 8^1 + 24^0 + 25^0 = 11 + 54 + 81 + 240 + 250 \\ 636 &:= 1^1 + 6^0 + 17^2 + 18^2 + 21^1 = 11 + 60 + 172 + 182 + 211 \\ 636 &:= 1^1 + 6^0 + 9^2 + 23^2 + 24^1 = 11 + 60 + 92 + 232 + 241 \\ 636 &:= 1^1 + 6^1 + 12^2 + 22^0 + 22^2 = 11 + 61 + 122 + 220 + 222 \\ 636 &:= 1^1 + 6^2 + 10^0 + 22^1 + 24^2 = 11 + 62 + 100 + 221 + 242 \\ 636 &:= 1^1 + 7^2 + 9^1 + 22^0 + 24^2 = 11 + 72 + 91 + 220 + 242 \\ 636 &:= 1^1 + 8^3 + 11^2 + 16^0 + 27^0 = 11 + 83 + 112 + 160 + 270 \\ 636 &:= 1^1 + 8^3 + 11^2 + 17^0 + 26^0 = 11 + 83 + 112 + 170 + 260 \\ 636 &:= 1^1 + 8^3 + 11^2 + 18^0 + 25^0 = 11 + 83 + 112 + 180 + 250 \\ 636 &:= 1^1 + 8^3 + 11^2 + 19^0 + 24^0 = 11 + 83 + 112 + 190 + 240 \\ 636 &:= 1^1 + 8^3 + 11^2 + 20^0 + 23^0 = 11 + 83 + 112 + 200 + 230 \\ 636 &:= 1^1 + 8^3 + 11^2 + 21^0 + 22^0 = 11 + 83 + 112 + 210 + 220 \\ 636 &:= 1^1 + 9^1 + 15^2 + 18^0 + 20^2 = 11 + 91 + 152 + 180 + 202 \\ 636 &:= 1^3 + 2^0 + 8^1 + 25^2 + 27^0 = 13 + 20 + 81 + 252 + 270 \\ 636 &:= 1^3 + 3^0 + 8^1 + 25^2 + 26^0 = 13 + 30 + 81 + 252 + 260 \\ 636 &:= 1^3 + 4^0 + 8^1 + 25^0 + 25^2 = 13 + 40 + 81 + 250 + 252 \\ 636 &:= 1^3 + 5^0 + 8^1 + 24^0 + 25^2 = 13 + 50 + 81 + 240 + 252 \\ 636 &:= 1^3 + 6^0 + 8^1 + 23^0 + 25^2 = 13 + 60 + 81 + 230 + 252 \\ 636 &:= 1^3 + 7^0 + 8^1 + 22^0 + 25^2 = 13 + 70 + 81 + 220 + 252 \\ 636 &:= 1^3 + 8^0 + 8^1 + 21^0 + 25^2 = 13 + 80 + 81 + 210 + 252 \\ 636 &:= 1^3 + 8^1 + 10^0 + 19^0 + 25^2 = 13 + 81 + 100 + 190 + 252 \\ 636 &:= 1^3 + 8^1 + 11^0 + 18^0 + 25^2 = 13 + 81 + 110 + 180 + 252 \\ 636 &:= 1^3 + 8^1 + 12^0 + 17^0 + 25^2 = 13 + 81 + 120 + 170 + 252 \\ 636 &:= 1^3 + 8^1 + 13^0 + 16^0 + 25^2 = 13 + 81 + 130 + 160 + 252 \\ 636 &:= 1^3 + 8^1 + 14^0 + 15^0 + 25^2 = 13 + 81 + 140 + 150 + 252 \\ 636 &:= 1^3 + 8^1 + 9^0 + 20^0 + 25^2 = 13 + 81 + 90 + 200 + 252 \\ 636 &:= 1^4 + 1^9 + 8^1 + 25^2 + 27^0 = 14 + 19 + 81 + 252 + 270 \\ 636 &:= 1^4 + 2^9 + 10^2 + 22^1 + 27^0 = 14 + 29 + 102 + 221 + 270 \\ 636 &:= 1^5 + 1^8 + 8^1 + 25^2 + 27^0 = 15 + 18 + 81 + 252 + 270 \\ 636 &:= 1^5 + 2^6 + 12^2 + 20^2 + 27^1 = 15 + 26 + 122 + 202 + 271 \\ 636 &:= 1^5 + 2^6 + 16^2 + 17^2 + 26^1 = 15 + 26 + 162 + 172 + 261 \\ 636 &:= 1^5 + 2^8 + 17^1 + 19^2 + 23^0 = 15 + 28 + 171 + 192 + 230 \\ 636 &:= 1^5 + 2^9 + 11^2 + 21^0 + 27^0 = 15 + 29 + 112 + 210 + 270 \\ 636 &:= 1^5 + 2^9 + 11^2 + 22^0 + 26^0 = 15 + 29 + 112 + 220 + 260 \\ 636 &:= 1^5 + 2^9 + 11^2 + 23^0 + 25^0 = 15 + 29 + 112 + 230 + 250 \\ 636 &:= 1^5 + 2^9 + 11^2 + 24^0 + 24^0 = 15 + 29 + 112 + 240 + 240 \\ 636 &:= 1^6 + 1^7 + 8^1 + 25^2 + 27^0 = 16 + 17 + 81 + 252 + 270 \\ 636 &:= 1^6 + 2^5 + 17^2 + 17^2 + 25^1 = 16 + 25 + 172 + 172 + 251 \\ 636 &:= 1^6 + 2^7 + 15^0 + 22^1 + 22^2 = 16 + 27 + 150 + 221 + 222 \\ 636 &:= 1^8 + 2^5 + 9^0 + 24^2 + 26^1 = 18 + 25 + 90 + 242 + 261 \\ 636 &:= 1^8 + 5^3 + 14^2 + 17^2 + 25^1 = 18 + 53 + 142 + 172 + 251 \\ 636 &:= 1^8 + 6^3 + 14^2 + 14^2 + 27^1 = 18 + 63 + 142 + 142 + 271 \\ 636 &:= 1^9 + 14^2 + 14^2 + 15^2 + 18^1 = 19 + 142 + 142 + 152 + 181 \\ 636 &:= 1^9 + 2^2 + 11^2 + 22^2 + 26^1 = 19 + 22 + 112 + 222 + 261 \\ 636 &:= 1^9 + 2^3 + 5^4 + 27^0 + 27^0 = 19 + 23 + 54 + 270 + 270 \\ 636 &:= 1^9 + 3^4 + 11^0 + 23^2 + 24^1 = 19 + 34 + 110 + 232 + 241 \\ 636 &:= 1^9 + 4^2 + 14^2 + 20^2 + 23^1 = 19 + 42 + 142 + 202 + 231 \\ 636 &:= 1^9 + 4^2 + 8^2 + 23^2 + 26^1 = 19 + 42 + 82 + 232 + 261 \\ 636 &:= 1^9 + 4^4 + 17^1 + 19^2 + 21^0 = 19 + 44 + 171 + 192 + 210 \\ 636 &:= 1^9 + 6^2 + 17^2 + 17^2 + 21^1 = 19 + 62 + 172 + 172 + 211 \\ 636 &:= 1^9 + 8^2 + 8^2 + 22^2 + 23^1 = 19 + 82 + 82 + 222 + 231 \\ 636 &:= 2^0 + 3^2 + 15^2 + 20^2 + 23^0 = 20 + 32 + 152 + 202 + 230 \\ 636 &:= 2^0 + 3^2 + 7^2 + 24^2 + 27^0 = 20 + 32 + 72 + 242 + 270 \\ 636 &:= 2^0 + 5^3 + 9^0 + 22^2 + 25^1 = 20 + 53 + 90 + 222 + 251 \\ 636 &:= 2^0 + 6^3 + 17^0 + 18^1 + 20^2 = 20 + 63 + 170 + 181 + 202 \\ 636 &:= 2^0 + 7^2 + 12^2 + 21^0 + 21^2 = 20 + 72 + 122 + 210 + 212 \\ 636 &:= 2^0 + 8^3 + 10^2 + 21^0 + 22^1 = 20 + 83 + 102 + 210 + 221 \end{aligned}$$

$$\begin{aligned} 636 &:= 2^1 + 10^0 + 16^1 + 16^2 + 19^2 = 21 + 100 + 161 + 162 + 192 \\ 636 &:= 2^1 + 4^0 + 13^2 + 21^2 + 23^1 = 21 + 40 + 132 + 212 + 231 \\ 636 &:= 2^1 + 4^1 + 10^2 + 23^2 + 24^0 = 21 + 41 + 102 + 232 + 240 \\ 636 &:= 2^1 + 5^1 + 12^2 + 22^0 + 22^2 = 21 + 51 + 122 + 220 + 222 \\ 636 &:= 2^1 + 5^4 + 7^1 + 22^0 + 27^0 = 21 + 54 + 71 + 220 + 270 \\ 636 &:= 2^1 + 5^4 + 7^1 + 23^0 + 26^0 = 21 + 54 + 71 + 230 + 260 \\ 636 &:= 2^1 + 5^4 + 7^1 + 24^0 + 25^0 = 21 + 54 + 71 + 240 + 250 \\ 636 &:= 2^1 + 6^0 + 17^2 + 18^2 + 20^1 = 21 + 60 + 172 + 182 + 201 \\ 636 &:= 2^1 + 6^0 + 9^2 + 23^1 + 23^2 = 21 + 60 + 92 + 231 + 232 \\ 636 &:= 2^1 + 6^2 + 10^0 + 21^1 + 24^2 = 21 + 62 + 100 + 211 + 242 \\ 636 &:= 2^1 + 7^2 + 8^1 + 22^0 + 24^2 = 21 + 72 + 81 + 220 + 242 \\ 636 &:= 2^1 + 7^3 + 10^0 + 17^2 + 27^0 = 21 + 73 + 100 + 172 + 270 \\ 636 &:= 2^1 + 7^3 + 11^0 + 17^2 + 26^0 = 21 + 73 + 110 + 172 + 260 \\ 636 &:= 2^1 + 7^3 + 12^0 + 17^2 + 25^0 = 21 + 73 + 120 + 172 + 250 \\ 636 &:= 2^1 + 7^3 + 13^0 + 17^2 + 24^0 = 21 + 73 + 130 + 172 + 240 \\ 636 &:= 2^1 + 7^3 + 14^0 + 17^2 + 23^0 = 21 + 73 + 140 + 172 + 230 \\ 636 &:= 2^1 + 7^3 + 15^0 + 17^2 + 22^0 = 21 + 73 + 150 + 172 + 220 \\ 636 &:= 2^1 + 7^3 + 16^0 + 17^2 + 21^0 = 21 + 73 + 160 + 172 + 210 \\ 636 &:= 2^1 + 7^3 + 17^0 + 17^2 + 20^0 = 21 + 73 + 170 + 172 + 200 \\ 636 &:= 2^1 + 7^3 + 17^2 + 18^0 + 19^0 = 21 + 73 + 172 + 180 + 190 \\ 636 &:= 2^1 + 8^1 + 15^2 + 18^0 + 20^2 = 21 + 81 + 152 + 180 + 202 \\ 636 &:= 2^4 + 2^8 + 13^1 + 18^2 + 27^1 = 24 + 28 + 131 + 182 + 271 \\ 636 &:= 2^4 + 2^8 + 14^1 + 18^2 + 26^1 = 24 + 28 + 141 + 182 + 261 \\ 636 &:= 2^4 + 2^8 + 15^1 + 18^2 + 25^1 = 24 + 28 + 151 + 182 + 251 \\ 636 &:= 2^4 + 2^8 + 16^1 + 18^2 + 24^1 = 24 + 28 + 161 + 182 + 241 \\ 636 &:= 2^4 + 2^8 + 17^1 + 18^2 + 23^1 = 24 + 28 + 171 + 182 + 231 \\ 636 &:= 2^4 + 2^8 + 18^1 + 18^2 + 22^1 = 24 + 28 + 181 + 182 + 221 \\ 636 &:= 2^4 + 2^8 + 18^2 + 19^1 + 21^1 = 24 + 28 + 182 + 191 + 211 \\ 636 &:= 2^4 + 2^8 + 18^2 + 20^1 + 20^1 = 24 + 28 + 182 + 201 + 201 \\ 636 &:= 2^4 + 2^9 + 9^2 + 23^0 + 26^1 = 24 + 29 + 92 + 230 + 261 \\ 636 &:= 2^5 + 2^6 + 15^2 + 17^2 + 26^1 = 25 + 26 + 152 + 172 + 261 \\ 636 &:= 2^5 + 2^8 + 17^0 + 18^2 + 23^1 = 25 + 28 + 170 + 182 + 231 \\ 636 &:= 2^9 + 3^4 + 4^2 + 26^1 + 27^0 = 29 + 34 + 42 + 261 + 270 \\ 636 &:= 3^0 + 3^2 + 15^2 + 20^2 + 22^0 = 30 + 32 + 152 + 202 + 220 \\ 636 &:= 3^0 + 3^2 + 7^2 + 24^2 + 26^0 = 30 + 32 + 72 + 242 + 260 \\ 636 &:= 3^0 + 5^3 + 8^0 + 22^2 + 25^1 = 30 + 53 + 80 + 222 + 251 \\ 636 &:= 3^0 + 6^3 + 16^0 + 18^1 + 20^2 = 30 + 63 + 160 + 181 + 202 \\ 636 &:= 3^0 + 7^2 + 12^2 + 20^0 + 21^2 = 30 + 72 + 122 + 200 + 212 \end{aligned}$$

$$\begin{aligned} 636 &:= 3^0 + 8^3 + 10^2 + 20^0 + 22^1 = 30 + 83 + 102 + 200 + 221 \\ 636 &:= 3^1 + 10^0 + 15^1 + 16^2 + 19^2 = 31 + 100 + 151 + 162 + 192 \\ 636 &:= 3^1 + 3^1 + 10^2 + 23^2 + 24^0 = 31 + 31 + 102 + 232 + 240 \\ 636 &:= 3^1 + 4^0 + 13^2 + 21^2 + 22^1 = 31 + 40 + 132 + 212 + 221 \\ 636 &:= 3^1 + 4^1 + 12^2 + 22^0 + 22^2 = 31 + 41 + 122 + 220 + 222 \\ 636 &:= 3^1 + 5^4 + 6^1 + 22^0 + 27^0 = 31 + 54 + 61 + 220 + 270 \\ 636 &:= 3^1 + 5^4 + 6^1 + 23^0 + 26^0 = 31 + 54 + 61 + 230 + 260 \\ 636 &:= 3^1 + 5^4 + 6^1 + 24^0 + 25^0 = 31 + 54 + 61 + 240 + 250 \\ 636 &:= 3^1 + 6^0 + 17^2 + 18^2 + 19^1 = 31 + 60 + 172 + 182 + 191 \\ 636 &:= 3^1 + 6^0 + 9^2 + 22^1 + 23^2 = 31 + 60 + 92 + 221 + 232 \\ 636 &:= 3^1 + 6^2 + 10^0 + 20^1 + 24^2 = 31 + 62 + 100 + 201 + 242 \\ 636 &:= 3^1 + 7^1 + 15^2 + 18^0 + 20^2 = 31 + 71 + 152 + 180 + 202 \\ 636 &:= 3^1 + 7^1 + 7^2 + 22^0 + 24^2 = 31 + 71 + 72 + 220 + 242 \\ 636 &:= 3^2 + 10^0 + 15^0 + 15^2 + 20^2 = 32 + 100 + 150 + 152 + 202 \\ 636 &:= 3^2 + 11^0 + 14^0 + 15^2 + 20^2 = 32 + 110 + 140 + 152 + 202 \\ 636 &:= 3^2 + 12^0 + 13^0 + 15^2 + 20^2 = 32 + 120 + 130 + 152 + 202 \\ 636 &:= 3^2 + 4^0 + 15^2 + 20^2 + 21^0 = 32 + 40 + 152 + 202 + 210 \\ 636 &:= 3^2 + 4^0 + 7^2 + 24^2 + 25^0 = 32 + 40 + 72 + 242 + 250 \\ 636 &:= 3^2 + 5^0 + 15^2 + 20^0 + 20^2 = 32 + 50 + 152 + 200 + 202 \\ 636 &:= 3^2 + 5^0 + 7^2 + 24^0 + 24^2 = 32 + 50 + 72 + 240 + 242 \\ 636 &:= 3^2 + 6^0 + 15^2 + 19^0 + 20^2 = 32 + 60 + 152 + 190 + 202 \\ 636 &:= 3^2 + 6^0 + 7^2 + 23^0 + 24^2 = 32 + 60 + 72 + 230 + 242 \\ 636 &:= 3^2 + 7^0 + 15^2 + 18^0 + 20^2 = 32 + 70 + 152 + 180 + 202 \\ 636 &:= 3^2 + 7^0 + 7^2 + 22^0 + 24^2 = 32 + 70 + 72 + 220 + 242 \\ 636 &:= 3^2 + 7^2 + 10^0 + 19^0 + 24^2 = 32 + 72 + 100 + 190 + 242 \\ 636 &:= 3^2 + 7^2 + 11^0 + 18^0 + 24^2 = 32 + 72 + 110 + 180 + 242 \\ 636 &:= 3^2 + 7^2 + 12^0 + 17^0 + 24^2 = 32 + 72 + 120 + 170 + 242 \\ 636 &:= 3^2 + 7^2 + 13^0 + 16^0 + 24^2 = 32 + 72 + 130 + 160 + 242 \\ 636 &:= 3^2 + 7^2 + 14^0 + 15^0 + 24^2 = 32 + 72 + 140 + 150 + 242 \\ 636 &:= 3^2 + 7^2 + 8^0 + 21^0 + 24^2 = 32 + 72 + 80 + 210 + 242 \\ 636 &:= 3^2 + 7^2 + 9^0 + 20^0 + 24^2 = 32 + 72 + 90 + 200 + 242 \\ 636 &:= 3^2 + 8^0 + 15^2 + 17^0 + 20^2 = 32 + 80 + 152 + 170 + 202 \\ 636 &:= 3^2 + 9^0 + 15^2 + 16^0 + 20^2 = 32 + 90 + 152 + 160 + 202 \\ 636 &:= 4^0 + 10^1 + 13^2 + 15^1 + 21^2 = 40 + 101 + 132 + 151 + 212 \\ 636 &:= 4^0 + 11^1 + 13^2 + 14^1 + 21^2 = 40 + 111 + 132 + 141 + 212 \\ 636 &:= 4^0 + 12^1 + 13^1 + 13^2 + 21^2 = 40 + 121 + 131 + 132 + 212 \\ 636 &:= 4^0 + 4^1 + 13^2 + 21^1 + 21^2 = 40 + 41 + 132 + 211 + 212 \\ 636 &:= 4^0 + 5^1 + 13^2 + 20^1 + 21^2 = 40 + 51 + 132 + 201 + 212 \end{aligned}$$

$$\begin{aligned} 636 &:= 4^0 + 5^3 + 7^0 + 22^2 + 25^1 = 40 + 53 + 70 + 222 + 251 \\ 636 &:= 4^0 + 6^1 + 13^2 + 19^1 + 21^2 = 40 + 61 + 132 + 191 + 212 \\ 636 &:= 4^0 + 6^3 + 15^0 + 18^1 + 20^2 = 40 + 63 + 150 + 181 + 202 \\ 636 &:= 4^0 + 7^1 + 13^2 + 18^1 + 21^2 = 40 + 71 + 132 + 181 + 212 \\ 636 &:= 4^0 + 7^2 + 12^2 + 19^0 + 21^2 = 40 + 72 + 122 + 190 + 212 \\ 636 &:= 4^0 + 8^1 + 13^2 + 17^1 + 21^2 = 40 + 81 + 132 + 171 + 212 \\ 636 &:= 4^0 + 8^3 + 10^2 + 19^0 + 22^1 = 40 + 83 + 102 + 190 + 221 \\ 636 &:= 4^0 + 9^1 + 13^2 + 16^1 + 21^2 = 40 + 91 + 132 + 161 + 212 \\ 636 &:= 4^1 + 10^0 + 14^1 + 16^2 + 19^2 = 41 + 100 + 141 + 162 + 192 \\ 636 &:= 4^1 + 5^1 + 5^4 + 22^0 + 27^0 = 41 + 51 + 54 + 220 + 270 \\ 636 &:= 4^1 + 5^1 + 5^4 + 23^0 + 26^0 = 41 + 51 + 54 + 230 + 260 \\ 636 &:= 4^1 + 5^1 + 5^4 + 24^0 + 25^0 = 41 + 51 + 54 + 240 + 250 \\ 636 &:= 4^1 + 6^0 + 17^2 + 18^1 + 18^2 = 41 + 60 + 172 + 181 + 182 \\ 636 &:= 4^1 + 6^0 + 9^2 + 21^1 + 23^2 = 41 + 60 + 92 + 211 + 232 \\ 636 &:= 4^1 + 6^1 + 15^2 + 18^0 + 20^2 = 41 + 61 + 152 + 180 + 202 \\ 636 &:= 4^1 + 6^1 + 7^2 + 22^0 + 24^2 = 41 + 61 + 72 + 220 + 242 \\ 636 &:= 4^1 + 6^2 + 10^0 + 19^1 + 24^2 = 41 + 62 + 100 + 191 + 242 \\ 636 &:= 5^0 + 5^3 + 6^0 + 22^2 + 25^1 = 50 + 53 + 60 + 222 + 251 \\ 636 &:= 5^0 + 6^3 + 14^0 + 18^1 + 20^2 = 50 + 63 + 140 + 181 + 202 \\ 636 &:= 5^0 + 7^2 + 12^2 + 18^0 + 21^2 = 50 + 72 + 122 + 180 + 212 \\ 636 &:= 5^0 + 8^3 + 10^2 + 18^0 + 22^1 = 50 + 83 + 102 + 180 + 221 \\ 636 &:= 5^1 + 10^0 + 13^1 + 16^2 + 19^2 = 51 + 100 + 131 + 162 + 192 \\ 636 &:= 5^1 + 5^1 + 15^2 + 18^0 + 20^2 = 51 + 51 + 152 + 180 + 202 \\ 636 &:= 5^1 + 5^1 + 7^2 + 22^0 + 24^2 = 51 + 51 + 72 + 220 + 242 \\ 636 &:= 5^1 + 6^0 + 17^1 + 17^2 + 18^2 = 51 + 60 + 171 + 172 + 182 \\ 636 &:= 5^1 + 6^0 + 9^2 + 20^1 + 23^2 = 51 + 60 + 92 + 201 + 232 \\ 636 &:= 5^1 + 6^2 + 10^0 + 18^1 + 24^2 = 51 + 62 + 100 + 181 + 242 \\ 636 &:= 6^0 + 10^1 + 12^1 + 17^2 + 18^2 = 60 + 101 + 121 + 172 + 182 \\ 636 &:= 6^0 + 11^1 + 11^1 + 17^2 + 18^2 = 60 + 111 + 111 + 172 + 182 \\ 636 &:= 6^0 + 6^1 + 16^1 + 17^2 + 18^2 = 60 + 61 + 161 + 172 + 182 \\ 636 &:= 6^0 + 6^1 + 9^2 + 19^1 + 23^2 = 60 + 61 + 92 + 191 + 232 \\ 636 &:= 6^0 + 6^3 + 13^0 + 18^1 + 20^2 = 60 + 63 + 130 + 181 + 202 \\ 636 &:= 6^0 + 7^1 + 15^1 + 17^2 + 18^2 = 60 + 71 + 151 + 172 + 182 \\ 636 &:= 6^0 + 7^1 + 9^2 + 18^1 + 23^2 = 60 + 71 + 92 + 181 + 232 \end{aligned}$$

$$\begin{aligned} 636 &:= 6^0 + 7^2 + 12^2 + 17^0 + 21^2 = 60 + 72 + 122 + 170 + 212 \\ 636 &:= 6^0 + 8^1 + 14^1 + 17^2 + 18^2 = 60 + 81 + 141 + 172 + 182 \\ 636 &:= 6^0 + 8^1 + 9^2 + 17^1 + 23^2 = 60 + 81 + 92 + 171 + 232 \\ 636 &:= 6^0 + 8^3 + 10^2 + 17^0 + 22^1 = 60 + 83 + 102 + 170 + 221 \\ 636 &:= 6^0 + 9^1 + 13^1 + 17^2 + 18^2 = 60 + 91 + 131 + 172 + 182 \\ 636 &:= 6^0 + 9^1 + 9^2 + 16^1 + 23^2 = 60 + 91 + 92 + 161 + 232 \\ 636 &:= 6^0 + 9^2 + 10^1 + 15^1 + 23^2 = 60 + 92 + 101 + 151 + 232 \\ 636 &:= 6^0 + 9^2 + 11^1 + 14^1 + 23^2 = 60 + 92 + 111 + 141 + 232 \\ 636 &:= 6^0 + 9^2 + 12^1 + 13^1 + 23^2 = 60 + 92 + 121 + 131 + 232 \\ 636 &:= 6^1 + 10^0 + 12^1 + 16^2 + 19^2 = 61 + 100 + 121 + 162 + 192 \\ 636 &:= 6^1 + 6^2 + 10^0 + 17^1 + 24^2 = 61 + 62 + 100 + 171 + 242 \\ 636 &:= 6^2 + 10^0 + 10^1 + 13^1 + 24^2 = 62 + 100 + 101 + 131 + 242 \\ 636 &:= 6^2 + 10^0 + 11^1 + 12^1 + 24^2 = 62 + 100 + 111 + 121 + 242 \\ 636 &:= 6^2 + 7^1 + 10^0 + 16^1 + 24^2 = 62 + 71 + 100 + 161 + 242 \\ 636 &:= 6^2 + 8^1 + 10^0 + 15^1 + 24^2 = 62 + 81 + 100 + 151 + 242 \\ 636 &:= 6^2 + 9^1 + 10^0 + 14^1 + 24^2 = 62 + 91 + 100 + 141 + 242 \\ 636 &:= 6^3 + 7^0 + 12^0 + 18^1 + 20^2 = 63 + 70 + 120 + 181 + 202 \\ 636 &:= 6^3 + 8^0 + 11^0 + 18^1 + 20^2 = 63 + 80 + 110 + 181 + 202 \\ 636 &:= 6^3 + 9^0 + 10^0 + 18^1 + 20^2 = 63 + 90 + 100 + 181 + 202 \\ 636 &:= 7^0 + 7^2 + 12^2 + 16^0 + 21^2 = 70 + 72 + 122 + 160 + 212 \\ 636 &:= 7^0 + 8^3 + 10^2 + 16^0 + 22^1 = 70 + 83 + 102 + 160 + 221 \\ 636 &:= 7^1 + 10^0 + 11^1 + 16^2 + 19^2 = 71 + 100 + 111 + 162 + 192 \\ 636 &:= 7^2 + 10^0 + 12^2 + 13^0 + 21^2 = 72 + 100 + 122 + 130 + 212 \\ 636 &:= 7^2 + 11^0 + 12^0 + 12^2 + 21^2 = 72 + 110 + 120 + 122 + 212 \\ 636 &:= 7^2 + 8^0 + 12^2 + 15^0 + 21^2 = 72 + 80 + 122 + 150 + 212 \\ 636 &:= 7^2 + 9^0 + 12^2 + 14^0 + 21^2 = 72 + 90 + 122 + 140 + 212 \\ 636 &:= 8^0 + 8^3 + 10^2 + 15^0 + 22^1 = 80 + 83 + 102 + 150 + 221 \\ 636 &:= 8^1 + 10^0 + 10^1 + 16^2 + 19^2 = 81 + 100 + 101 + 162 + 192 \\ 636 &:= 8^3 + 10^0 + 10^2 + 13^0 + 22^1 = 83 + 100 + 102 + 130 + 221 \\ 636 &:= 8^3 + 10^2 + 11^0 + 12^0 + 22^1 = 83 + 102 + 110 + 120 + 221 \\ 636 &:= 8^3 + 9^0 + 10^2 + 14^0 + 22^1 = 83 + 90 + 102 + 140 + 221 \\ 636 &:= 9^1 + 9^1 + 10^0 + 16^2 + 19^2 = 91 + 91 + 100 + 162 + 192 \end{aligned}$$

2.2.538 Number 637

$637 := 1^2 + 5^4 + 10^1 + 47^0$	$= 12 + 54 + 101 + 470$	$637 := 1^2 + 5^4 + 9^1 + 21^0 + 27^0$	$= 12 + 54 + 91 + 210 + 270$
$637 := 1^4 + 10^1 + 25^2 + 27^0$	$= 14 + 101 + 252 + 270$	$637 := 1^2 + 5^4 + 9^1 + 22^0 + 26^0$	$= 12 + 54 + 91 + 220 + 260$
$637 := 14^2 + 14^2 + 15^2 + 20^1$	$= 142 + 142 + 152 + 201$	$637 := 1^2 + 5^4 + 9^1 + 23^0 + 25^0$	$= 12 + 54 + 91 + 230 + 250$
$637 := 2^1 + 3^2 + 5^4 + 53^0$	$= 21 + 32 + 54 + 530$	$637 := 1^2 + 5^4 + 9^1 + 24^0 + 24^0$	$= 12 + 54 + 91 + 240 + 240$
$637 := 2^2 + 11^2 + 22^2 + 28^1$	$= 22 + 112 + 222 + 281$	$637 := 1^2 + 6^1 + 10^2 + 23^0 + 23^2$	$= 12 + 61 + 102 + 230 + 232$
$637 := 2^2 + 5^2 + 24^2 + 32^1$	$= 22 + 52 + 242 + 321$	$637 := 1^2 + 6^2 + 9^0 + 23^1 + 24^2$	$= 12 + 62 + 90 + 231 + 242$
$637 := 2^2 + 5^4 + 7^1 + 49^0$	$= 22 + 54 + 71 + 490$	$637 := 1^2 + 7^1 + 12^2 + 21^0 + 22^2$	$= 12 + 71 + 122 + 210 + 222$
$637 := 2^2 + 7^3 + 17^2 + 37^0$	$= 22 + 73 + 172 + 370$	$637 := 1^2 + 7^2 + 10^1 + 21^0 + 24^2$	$= 12 + 72 + 101 + 210 + 242$
$637 := 2^3 + 12^2 + 22^2 + 27^0$	$= 23 + 122 + 222 + 270$	$637 := 1^2 + 9^0 + 16^2 + 18^1 + 19^2$	$= 12 + 90 + 162 + 181 + 192$
$637 := 3^4 + 11^0 + 23^2 + 26^1$	$= 34 + 110 + 232 + 261$	$637 := 1^3 + 2^1 + 8^1 + 25^2 + 27^0$	$= 13 + 21 + 81 + 252 + 270$
$637 := 4^2 + 14^2 + 20^2 + 25^1$	$= 42 + 142 + 202 + 251$	$637 := 1^3 + 3^1 + 7^1 + 25^2 + 27^0$	$= 13 + 31 + 71 + 252 + 270$
$637 := 4^2 + 8^2 + 23^2 + 28^1$	$= 42 + 82 + 232 + 281$	$637 := 1^3 + 3^2 + 10^0 + 24^0 + 25^2$	$= 13 + 32 + 100 + 240 + 252$
$637 := 4^4 + 19^1 + 19^2 + 21^0$	$= 44 + 191 + 192 + 210$	$637 := 1^3 + 3^2 + 11^0 + 23^0 + 25^2$	$= 13 + 32 + 110 + 230 + 252$
$637 := 6^2 + 17^2 + 17^2 + 23^1$	$= 62 + 172 + 172 + 231$	$637 := 1^3 + 3^2 + 12^0 + 22^0 + 25^2$	$= 13 + 32 + 120 + 220 + 252$
$637 := 8^2 + 8^2 + 22^2 + 25^1$	$= 82 + 82 + 222 + 251$	$637 := 1^3 + 3^2 + 13^0 + 21^0 + 25^2$	$= 13 + 32 + 130 + 210 + 252$
$637 := 1^0 + 1^4 + 9^1 + 25^2 + 27^0$	$= 10 + 14 + 91 + 252 + 270$	$637 := 1^3 + 3^2 + 14^0 + 20^0 + 25^2$	$= 13 + 32 + 140 + 200 + 252$
$637 := 1^0 + 14^2 + 14^2 + 15^2 + 19^1$	$= 10 + 142 + 142 + 152 + 191$	$637 := 1^3 + 3^2 + 15^0 + 19^0 + 25^2$	$= 13 + 32 + 150 + 190 + 252$
$637 := 1^0 + 2^2 + 11^2 + 22^2 + 27^1$	$= 10 + 22 + 112 + 222 + 271$	$637 := 1^3 + 3^2 + 16^0 + 18^0 + 25^2$	$= 13 + 32 + 160 + 180 + 252$
$637 := 1^0 + 3^4 + 11^0 + 23^2 + 25^1$	$= 10 + 34 + 110 + 232 + 251$	$637 := 1^3 + 3^2 + 17^0 + 17^0 + 25^2$	$= 13 + 32 + 170 + 170 + 252$
$637 := 1^0 + 4^2 + 14^2 + 20^2 + 24^1$	$= 10 + 42 + 142 + 202 + 241$	$637 := 1^3 + 3^2 + 7^0 + 25^2 + 27^0$	$= 13 + 32 + 70 + 252 + 270$
$637 := 1^0 + 4^2 + 8^2 + 23^2 + 27^1$	$= 10 + 42 + 82 + 232 + 271$	$637 := 1^3 + 3^2 + 8^0 + 25^2 + 26^0$	$= 13 + 32 + 80 + 252 + 260$
$637 := 1^0 + 4^4 + 18^1 + 19^2 + 21^0$	$= 10 + 44 + 181 + 192 + 210$	$637 := 1^3 + 3^2 + 9^0 + 25^0 + 25^2$	$= 13 + 32 + 90 + 250 + 252$
$637 := 1^0 + 6^2 + 17^2 + 17^2 + 22^1$	$= 10 + 62 + 172 + 172 + 221$	$637 := 1^3 + 4^1 + 6^1 + 25^2 + 27^0$	$= 13 + 41 + 61 + 252 + 270$
$637 := 1^0 + 8^2 + 8^2 + 22^2 + 24^1$	$= 10 + 82 + 82 + 222 + 241$	$637 := 1^3 + 5^1 + 5^1 + 25^2 + 27^0$	$= 13 + 51 + 51 + 252 + 270$
$637 := 1^1 + 1^3 + 9^1 + 25^2 + 27^0$	$= 11 + 13 + 91 + 252 + 270$	$637 := 1^4 + 2^0 + 9^1 + 25^2 + 26^0$	$= 14 + 20 + 91 + 252 + 260$
$637 := 1^1 + 11^2 + 15^2 + 17^2 + 19^0$	$= 11 + 112 + 152 + 172 + 190$	$637 := 1^4 + 3^0 + 9^1 + 25^0 + 25^2$	$= 14 + 30 + 91 + 250 + 252$
$637 := 1^1 + 3^2 + 5^4 + 27^0 + 27^0$	$= 11 + 32 + 54 + 270 + 270$	$637 := 1^4 + 4^0 + 9^1 + 24^0 + 25^2$	$= 14 + 40 + 91 + 240 + 252$
$637 := 1^1 + 5^2 + 13^2 + 21^2 + 23^0$	$= 11 + 52 + 132 + 212 + 230$	$637 := 1^4 + 5^0 + 9^1 + 23^0 + 25^2$	$= 14 + 50 + 91 + 230 + 252$
$637 := 1^1 + 5^2 + 9^2 + 23^2 + 25^0$	$= 11 + 52 + 92 + 232 + 250$	$637 := 1^4 + 6^0 + 9^1 + 22^0 + 25^2$	$= 14 + 60 + 91 + 220 + 252$
$637 := 1^1 + 5^3 + 9^0 + 22^2 + 26^1$	$= 11 + 53 + 90 + 222 + 261$	$637 := 1^4 + 7^0 + 9^1 + 21^0 + 25^2$	$= 14 + 70 + 91 + 210 + 252$
$637 := 1^1 + 6^3 + 17^0 + 19^1 + 20^2$	$= 11 + 63 + 170 + 191 + 202$	$637 := 1^4 + 8^0 + 9^1 + 20^0 + 25^2$	$= 14 + 80 + 91 + 200 + 252$
$637 := 1^1 + 7^2 + 15^2 + 19^2 + 21^0$	$= 11 + 72 + 152 + 192 + 210$	$637 := 1^4 + 9^0 + 9^1 + 19^0 + 25^2$	$= 14 + 90 + 91 + 190 + 252$
$637 := 1^1 + 8^3 + 10^2 + 21^0 + 23^1$	$= 11 + 83 + 102 + 210 + 231$	$637 := 1^4 + 9^1 + 10^0 + 18^0 + 25^2$	$= 14 + 91 + 100 + 180 + 252$
$637 := 1^2 + 1^2 + 9^1 + 25^2 + 27^0$	$= 12 + 12 + 91 + 252 + 270$	$637 := 1^4 + 9^1 + 11^0 + 17^0 + 25^2$	$= 14 + 91 + 110 + 170 + 252$
$637 := 1^2 + 10^1 + 15^2 + 17^0 + 20^2$	$= 12 + 101 + 152 + 170 + 202$	$637 := 1^4 + 9^1 + 12^0 + 16^0 + 25^2$	$= 14 + 91 + 120 + 160 + 252$
$637 := 1^2 + 3^0 + 13^2 + 21^2 + 25^1$	$= 12 + 30 + 132 + 212 + 251$	$637 := 1^4 + 9^1 + 13^0 + 15^0 + 25^2$	$= 14 + 91 + 130 + 150 + 252$
$637 := 1^2 + 5^0 + 17^2 + 18^2 + 22^1$	$= 12 + 50 + 172 + 182 + 221$	$637 := 1^4 + 9^1 + 14^0 + 14^0 + 25^2$	$= 14 + 91 + 140 + 140 + 252$
$637 := 1^2 + 5^0 + 9^2 + 23^2 + 25^1$	$= 12 + 50 + 92 + 232 + 251$	$637 := 1^5 + 1^9 + 9^1 + 25^2 + 26^0$	$= 15 + 19 + 91 + 252 + 260$

$637 := 1^5 + 2^9 + 10^2 + 23^1 + 26^0 = 15 + 29 + 102 + 231 + 260$	$637 := 3^0 + 3^3 + 7^1 + 24^2 + 26^1 = 30 + 33 + 71 + 242 + 261$
$637 := 1^6 + 1^8 + 9^1 + 25^2 + 26^0 = 16 + 18 + 91 + 252 + 260$	$637 := 3^0 + 3^3 + 8^1 + 24^2 + 25^1 = 30 + 33 + 81 + 242 + 251$
$637 := 1^6 + 2^8 + 18^1 + 19^2 + 22^0 = 16 + 28 + 181 + 192 + 220$	$637 := 3^0 + 3^3 + 9^1 + 24^1 + 24^2 = 30 + 33 + 91 + 241 + 242$
$637 := 1^7 + 1^7 + 9^1 + 25^2 + 26^0 = 17 + 17 + 91 + 252 + 260$	$637 := 3^0 + 3^4 + 9^0 + 23^2 + 25^1 = 30 + 34 + 90 + 232 + 251$
$637 := 1^7 + 2^7 + 14^0 + 22^2 + 23^1 = 17 + 27 + 140 + 222 + 231$	$637 := 3^0 + 4^4 + 18^1 + 19^0 + 19^2 = 30 + 44 + 181 + 190 + 192$
$637 := 1^9 + 2^5 + 8^0 + 24^2 + 27^1 = 19 + 25 + 80 + 242 + 271$	$637 := 3^0 + 6^2 + 16^2 + 18^2 + 20^1 = 30 + 62 + 162 + 182 + 201$
$637 := 10^1 + 11^0 + 11^2 + 12^2 + 19^2 = 101 + 110 + 112 + 122 + 192$	$637 := 3^0 + 7^2 + 9^2 + 22^1 + 22^2 = 30 + 72 + 92 + 221 + 222$
$637 := 2^0 + 3^4 + 10^0 + 23^2 + 25^1 = 20 + 34 + 100 + 232 + 251$	$637 := 3^0 + 7^3 + 10^1 + 16^2 + 27^1 = 30 + 73 + 101 + 162 + 271$
$637 := 2^0 + 4^4 + 18^1 + 19^2 + 20^0 = 20 + 44 + 181 + 192 + 200$	$637 := 3^0 + 7^3 + 11^1 + 16^2 + 26^1 = 30 + 73 + 111 + 162 + 261$
$637 := 2^1 + 3^2 + 15^2 + 20^2 + 23^0 = 21 + 32 + 152 + 202 + 230$	$637 := 3^0 + 7^3 + 12^1 + 16^2 + 25^1 = 30 + 73 + 121 + 162 + 251$
$637 := 2^1 + 3^2 + 7^2 + 24^2 + 27^0 = 21 + 32 + 72 + 242 + 270$	$637 := 3^0 + 7^3 + 13^1 + 16^2 + 24^1 = 30 + 73 + 131 + 162 + 241$
$637 := 2^1 + 5^3 + 9^0 + 22^2 + 25^1 = 21 + 53 + 90 + 222 + 251$	$637 := 3^0 + 7^3 + 14^1 + 16^2 + 23^1 = 30 + 73 + 141 + 162 + 231$
$637 := 2^1 + 6^3 + 17^0 + 18^1 + 20^2 = 21 + 63 + 170 + 181 + 202$	$637 := 3^0 + 7^3 + 15^1 + 16^2 + 22^1 = 30 + 73 + 151 + 162 + 221$
$637 := 2^1 + 7^2 + 12^2 + 21^0 + 21^2 = 21 + 72 + 122 + 210 + 212$	$637 := 3^0 + 7^3 + 16^1 + 16^2 + 21^1 = 30 + 73 + 161 + 162 + 211$
$637 := 2^1 + 8^3 + 10^2 + 21^0 + 22^1 = 21 + 83 + 102 + 210 + 221$	$637 := 3^0 + 7^3 + 16^2 + 17^1 + 20^1 = 30 + 73 + 162 + 171 + 201$
$637 := 2^2 + 11^0 + 15^1 + 16^2 + 19^2 = 22 + 110 + 151 + 162 + 192$	$637 := 3^0 + 7^3 + 16^2 + 18^1 + 19^1 = 30 + 73 + 162 + 181 + 191$
$637 := 2^2 + 3^1 + 10^2 + 23^2 + 25^0 = 22 + 31 + 102 + 232 + 250$	$637 := 3^0 + 8^3 + 9^2 + 16^1 + 27^1 = 30 + 83 + 92 + 161 + 271$
$637 := 2^2 + 4^1 + 12^2 + 22^2 + 23^0 = 22 + 41 + 122 + 222 + 230$	$637 := 3^0 + 8^3 + 9^2 + 17^1 + 26^1 = 30 + 83 + 92 + 171 + 261$
$637 := 2^2 + 5^0 + 13^2 + 21^2 + 22^1 = 22 + 50 + 132 + 212 + 221$	$637 := 3^0 + 8^3 + 9^2 + 18^1 + 25^1 = 30 + 83 + 92 + 181 + 251$
$637 := 2^2 + 5^4 + 6^1 + 23^0 + 27^0 = 22 + 54 + 61 + 230 + 270$	$637 := 3^0 + 8^3 + 9^2 + 19^1 + 24^1 = 30 + 83 + 92 + 191 + 241$
$637 := 2^2 + 5^4 + 6^1 + 24^0 + 26^0 = 22 + 54 + 61 + 240 + 260$	$637 := 3^0 + 8^3 + 9^2 + 20^1 + 23^1 = 30 + 83 + 92 + 201 + 231$
$637 := 2^2 + 5^4 + 6^1 + 25^0 + 25^0 = 22 + 54 + 61 + 250 + 250$	$637 := 3^0 + 8^3 + 9^2 + 21^1 + 22^1 = 30 + 83 + 92 + 211 + 221$
$637 := 2^2 + 6^2 + 11^0 + 20^1 + 24^2 = 22 + 62 + 110 + 201 + 242$	$637 := 3^1 + 11^2 + 16^2 + 16^2 + 17^0 = 31 + 112 + 162 + 162 + 170$
$637 := 2^2 + 7^0 + 17^2 + 18^2 + 19^1 = 22 + 70 + 172 + 182 + 191$	$637 := 3^1 + 4^2 + 16^2 + 19^2 + 21^0 = 31 + 42 + 162 + 192 + 210$
$637 := 2^2 + 7^0 + 9^2 + 22^1 + 23^2 = 22 + 70 + 92 + 221 + 232$	$637 := 3^1 + 5^3 + 9^0 + 22^2 + 24^1 = 31 + 53 + 90 + 222 + 241$
$637 := 2^2 + 7^1 + 15^2 + 19^0 + 20^2 = 22 + 71 + 152 + 190 + 202$	$637 := 3^1 + 6^3 + 17^0 + 17^1 + 20^2 = 31 + 63 + 170 + 171 + 202$
$637 := 2^2 + 7^1 + 7^2 + 23^0 + 24^2 = 22 + 71 + 72 + 230 + 242$	$637 := 3^1 + 7^2 + 10^2 + 21^0 + 22^2 = 31 + 72 + 102 + 210 + 222$
$637 := 2^6 + 2^8 + 14^0 + 17^2 + 27^1 = 26 + 28 + 140 + 172 + 271$	$637 := 3^1 + 8^2 + 13^2 + 19^0 + 20^2 = 31 + 82 + 132 + 190 + 202$
$637 := 2^7 + 2^7 + 19^1 + 19^2 + 20^0 = 27 + 27 + 191 + 192 + 200$	$637 := 3^1 + 8^3 + 10^2 + 21^0 + 21^1 = 31 + 83 + 102 + 210 + 211$
$637 := 3^0 + 13^2 + 15^2 + 15^2 + 17^1 = 30 + 132 + 152 + 152 + 171$	$637 := 3^2 + 10^1 + 15^0 + 16^2 + 19^2 = 32 + 101 + 150 + 162 + 192$
$637 := 3^0 + 3^3 + 10^1 + 23^1 + 24^2 = 30 + 33 + 101 + 231 + 242$	$637 := 3^2 + 11^0 + 14^1 + 17^2 + 18^2 = 32 + 110 + 141 + 172 + 182$
$637 := 3^0 + 3^3 + 11^1 + 22^1 + 24^2 = 30 + 33 + 111 + 221 + 242$	$637 := 3^2 + 5^0 + 11^2 + 22^1 + 22^2 = 32 + 50 + 112 + 221 + 222$
$637 := 3^0 + 3^3 + 12^1 + 21^1 + 24^2 = 30 + 33 + 121 + 211 + 242$	$637 := 3^2 + 5^0 + 5^2 + 24^2 + 26^1 = 32 + 50 + 52 + 242 + 261$
$637 := 3^0 + 3^3 + 13^1 + 20^1 + 24^2 = 30 + 33 + 131 + 201 + 242$	$637 := 3^2 + 6^2 + 15^0 + 15^1 + 24^2 = 32 + 62 + 150 + 151 + 242$
$637 := 3^0 + 3^3 + 14^1 + 19^1 + 24^2 = 30 + 33 + 141 + 191 + 242$	$637 := 3^2 + 9^0 + 13^2 + 17^1 + 21^2 = 32 + 90 + 132 + 171 + 212$
$637 := 3^0 + 3^3 + 15^1 + 18^1 + 24^2 = 30 + 33 + 151 + 181 + 242$	$637 := 3^2 + 9^2 + 11^0 + 17^1 + 23^2 = 32 + 92 + 110 + 171 + 232$
$637 := 3^0 + 3^3 + 16^1 + 17^1 + 24^2 = 30 + 33 + 161 + 171 + 242$	$637 := 3^4 + 4^0 + 8^0 + 23^2 + 25^1 = 34 + 40 + 80 + 232 + 251$
$637 := 3^0 + 3^3 + 6^1 + 24^2 + 27^1 = 30 + 33 + 61 + 242 + 271$	$637 := 3^4 + 5^0 + 7^0 + 23^2 + 25^1 = 34 + 50 + 70 + 232 + 251$

$$\begin{array}{ll}
 637 := 3^4 + 6^0 + 6^0 + 23^2 + 25^1 & = 34 + 60 + 60 + 232 + 251 \\
 637 := 4^0 + 4^4 + 18^0 + 18^1 + 19^2 & = 40 + 44 + 180 + 181 + 192 \\
 637 := 4^1 + 5^3 + 9^0 + 22^2 + 23^1 & = 41 + 53 + 90 + 222 + 231 \\
 637 := 4^1 + 6^2 + 14^2 + 19^0 + 20^2 & = 41 + 62 + 142 + 190 + 202 \\
 637 := 4^1 + 6^3 + 16^1 + 17^0 + 20^2 & = 41 + 63 + 161 + 170 + 202 \\
 637 := 4^1 + 8^3 + 10^2 + 20^1 + 21^0 & = 41 + 83 + 102 + 201 + 210 \\
 637 := 4^2 + 10^1 + 13^2 + 15^0 + 21^2 & = 42 + 101 + 132 + 150 + 212 \\
 637 := 4^2 + 11^0 + 11^2 + 15^1 + 22^2 & = 42 + 110 + 112 + 151 + 222 \\
 637 := 4^2 + 5^2 + 11^0 + 19^1 + 24^2 & = 42 + 52 + 110 + 191 + 242 \\
 637 := 4^2 + 6^2 + 8^1 + 21^0 + 24^2 & = 42 + 62 + 81 + 210 + 242 \\
 637 := 4^2 + 7^1 + 17^0 + 17^2 + 18^2 & = 42 + 71 + 170 + 172 + 182 \\
 637 := 4^2 + 9^2 + 10^1 + 17^0 + 23^2 & = 42 + 92 + 101 + 170 + 232 \\
 637 := 4^4 + 10^0 + 12^0 + 18^1 + 19^2 & = 44 + 100 + 120 + 181 + 192 \\
 637 := 4^4 + 11^0 + 11^0 + 18^1 + 19^2 & = 44 + 110 + 110 + 181 + 192 \\
 637 := 4^4 + 5^0 + 17^0 + 18^1 + 19^2 & = 44 + 50 + 170 + 181 + 192 \\
 637 := 4^4 + 6^0 + 16^0 + 18^1 + 19^2 & = 44 + 60 + 160 + 181 + 192 \\
 637 := 4^4 + 7^0 + 15^0 + 18^1 + 19^2 & = 44 + 70 + 150 + 181 + 192 \\
 637 := 4^4 + 8^0 + 14^0 + 18^1 + 19^2 & = 44 + 80 + 140 + 181 + 192 \\
 637 := 4^4 + 9^0 + 13^0 + 18^1 + 19^2 & = 44 + 90 + 130 + 181 + 192 \\
 637 := 5^0 + 10^2 + 14^2 + 16^1 + 18^2 & = 50 + 102 + 142 + 161 + 182 \\
 637 := 5^0 + 13^2 + 14^2 + 15^1 + 16^2 & = 50 + 132 + 142 + 151 + 162 \\
 637 := 5^0 + 6^2 + 7^2 + 22^1 + 23^2 & = 50 + 62 + 72 + 221 + 232 \\
 637 := 5^0 + 7^2 + 13^2 + 18^1 + 20^2 & = 50 + 72 + 132 + 181 + 202 \\
 637 := 5^1 + 5^3 + 9^0 + 22^1 + 22^2 & = 51 + 53 + 90 + 221 + 222 \\
 637 := 5^1 + 6^3 + 15^1 + 17^0 + 20^2 & = 51 + 63 + 151 + 170 + 202 \\
 637 := 5^1 + 8^3 + 10^2 + 19^1 + 21^0 & = 51 + 83 + 102 + 191 + 210 \\
 637 := 5^2 + 5^2 + 10^1 + 19^0 + 24^2 & = 52 + 52 + 101 + 190 + 242 \\
 637 := 5^2 + 6^1 + 11^2 + 19^0 + 22^2 & = 52 + 61 + 112 + 190 + 222 \\
 637 := 5^2 + 8^2 + 9^0 + 18^1 + 23^2 & = 52 + 82 + 90 + 181 + 232 \\
 637 := 5^2 + 9^0 + 14^2 + 15^1 + 20^2 & = 52 + 90 + 142 + 151 + 202 \\
 637 := 5^3 + 6^1 + 9^0 + 21^1 + 22^2 & = 53 + 61 + 90 + 211 + 222 \\
 637 := 5^3 + 7^1 + 9^0 + 20^1 + 22^2 & = 53 + 71 + 90 + 201 + 222 \\
 637 := 5^3 + 8^1 + 9^0 + 19^1 + 22^2 & = 53 + 81 + 90 + 191 + 222 \\
 637 := 5^3 + 9^0 + 10^1 + 17^1 + 22^2 & = 53 + 90 + 101 + 171 + 222 \\
 637 := 5^3 + 9^0 + 11^1 + 16^1 + 22^2 & = 53 + 90 + 111 + 161 + 222 \\
 637 := 5^3 + 9^0 + 12^1 + 15^1 + 22^2 & = 53 + 90 + 121 + 151 + 222 \\
 637 := 5^3 + 9^0 + 13^1 + 14^1 + 22^2 & = 53 + 90 + 131 + 141 + 222 \\
 637 := 5^3 + 9^0 + 9^1 + 18^1 + 22^2 & = 53 + 90 + 91 + 181 + 222 \\
 637 := 6^1 + 10^2 + 13^2 + 15^0 + 19^2 & = 61 + 102 + 132 + 150 + 192 \\
 637 := 6^1 + 6^3 + 14^1 + 17^0 + 20^2 & = 61 + 63 + 141 + 170 + 202 \\
 637 := 6^1 + 8^3 + 10^2 + 18^1 + 21^0 & = 61 + 83 + 102 + 181 + 210 \\
 637 := 6^1 + 9^2 + 15^0 + 15^2 + 18^2 & = 61 + 92 + 150 + 152 + 182 \\
 637 := 6^2 + 7^0 + 7^3 + 16^2 + 27^0 & = 62 + 70 + 73 + 162 + 270 \\
 637 := 6^2 + 7^1 + 8^2 + 19^0 + 23^2 & = 62 + 71 + 82 + 190 + 232 \\
 637 := 6^2 + 7^3 + 10^0 + 16^2 + 24^0 & = 62 + 73 + 100 + 162 + 240 \\
 637 := 6^2 + 7^3 + 11^0 + 16^2 + 23^0 & = 62 + 73 + 110 + 162 + 230 \\
 637 := 6^2 + 7^3 + 12^0 + 16^2 + 22^0 & = 62 + 73 + 120 + 162 + 220 \\
 637 := 6^2 + 7^3 + 13^0 + 16^2 + 21^0 & = 62 + 73 + 130 + 162 + 210 \\
 637 := 6^2 + 7^3 + 14^0 + 16^2 + 20^0 & = 62 + 73 + 140 + 162 + 200 \\
 637 := 6^2 + 7^3 + 15^0 + 16^2 + 19^0 & = 62 + 73 + 150 + 162 + 190 \\
 637 := 6^2 + 7^3 + 16^0 + 16^2 + 18^0 & = 62 + 73 + 160 + 162 + 180 \\
 637 := 6^2 + 7^3 + 16^2 + 17^0 + 17^0 & = 62 + 73 + 162 + 170 + 170 \\
 637 := 6^2 + 7^3 + 8^0 + 16^2 + 26^0 & = 62 + 73 + 80 + 162 + 260 \\
 637 := 6^2 + 7^3 + 9^0 + 16^2 + 25^0 & = 62 + 73 + 90 + 162 + 250 \\
 637 := 6^2 + 9^0 + 10^2 + 16^1 + 22^2 & = 62 + 90 + 102 + 161 + 222 \\
 637 := 6^2 + 9^0 + 12^2 + 15^1 + 21^2 & = 62 + 90 + 122 + 151 + 212 \\
 637 := 6^2 + 9^0 + 14^1 + 15^2 + 19^2 & = 62 + 90 + 141 + 152 + 192 \\
 637 := 6^3 + 10^1 + 10^1 + 17^0 + 20^2 & = 63 + 101 + 101 + 170 + 202 \\
 637 := 6^3 + 7^1 + 13^1 + 17^0 + 20^2 & = 63 + 71 + 131 + 170 + 202 \\
 637 := 6^3 + 8^1 + 12^1 + 17^0 + 20^2 & = 63 + 81 + 121 + 170 + 202 \\
 637 := 6^3 + 9^1 + 11^1 + 17^0 + 20^2 & = 63 + 91 + 111 + 170 + 202 \\
 637 := 7^0 + 10^2 + 11^2 + 15^1 + 20^2 & = 70 + 102 + 112 + 151 + 202 \\
 637 := 7^0 + 8^2 + 14^2 + 15^1 + 19^2 & = 70 + 82 + 142 + 151 + 192 \\
 637 := 7^1 + 12^2 + 13^0 + 14^2 + 17^2 & = 71 + 122 + 130 + 142 + 172 \\
 637 := 7^1 + 7^2 + 15^0 + 16^2 + 18^2 & = 71 + 72 + 150 + 162 + 182 \\
 637 := 7^1 + 8^2 + 9^2 + 17^0 + 22^2 & = 71 + 82 + 92 + 170 + 222 \\
 637 := 7^1 + 8^3 + 10^2 + 17^1 + 21^0 & = 71 + 83 + 102 + 171 + 210 \\
 637 := 7^2 + 7^2 + 9^1 + 17^0 + 23^2 & = 72 + 72 + 91 + 170 + 232 \\
 637 := 7^2 + 9^1 + 13^0 + 17^2 + 17^2 & = 72 + 91 + 130 + 172 + 172 \\
 637 := 8^1 + 8^3 + 10^2 + 16^1 + 21^0 & = 81 + 83 + 102 + 161 + 210 \\
 637 := 8^2 + 10^1 + 11^2 + 13^0 + 21^2 & = 82 + 101 + 112 + 130 + 212 \\
 637 := 8^3 + 10^1 + 10^2 + 14^1 + 21^0 & = 83 + 101 + 102 + 141 + 210 \\
 637 := 8^3 + 10^2 + 11^1 + 13^1 + 21^0 & = 83 + 102 + 111 + 131 + 210 \\
 637 := 8^3 + 10^2 + 12^1 + 12^1 + 21^0 & = 83 + 102 + 121 + 121 + 210 \\
 637 := 8^3 + 9^1 + 10^2 + 15^1 + 21^0 & = 83 + 91 + 102 + 151 + 210 \\
 637 := 9^0 + 11^1 + 12^2 + 15^2 + 16^2 & = 90 + 111 + 122 + 152 + 162
 \end{array}$$

$$637 := 9^0 + 9^2 + 10^2 + 14^1 + 21^2 = 90 + 92 + 102 + 141 + 212$$

$$637 := 9^1 + 11^0 + 13^2 + 13^2 + 17^2 = 91 + 110 + 132 + 132 + 172$$

$$637 := 9^2 + 10^1 + 11^0 + 16^2 + 17^2 = 92 + 101 + 110 + 162 + 172$$

$$637 := 9^2 + 11^0 + 11^1 + 12^2 + 20^2 = 92 + 110 + 111 + 122 + 202$$

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$$638 := 1^3 + 5^4 + 11^1 + 46^0 = 13 + 54 + 111 + 460$$

$$638 := 1^5 + 11^1 + 25^2 + 26^0 = 15 + 111 + 252 + 260$$

$$638 := 1^9 + 3^5 + 7^3 + 51^1 = 19 + 35 + 73 + 511$$

$$638 := 2^3 + 4^1 + 5^4 + 52^0 = 23 + 41 + 54 + 520$$

$$638 := 2^5 + 8^0 + 24^2 + 29^1 = 25 + 80 + 242 + 291$$

$$638 := 3^4 + 8^0 + 8^3 + 44^1 = 34 + 80 + 83 + 441$$

$$638 := 3^5 + 8^0 + 19^2 + 33^1 = 35 + 80 + 192 + 331$$

$$638 := 4^4 + 7^3 + 14^0 + 38^1 = 44 + 73 + 140 + 381$$

$$638 := 5^3 + 7^3 + 13^2 + 38^0 = 53 + 73 + 132 + 380$$

$$638 := 1^0 + 1^5 + 10^1 + 25^2 + 26^0 = 10 + 15 + 101 + 252 + 260$$

$$638 := 1^1 + 1^4 + 10^1 + 25^2 + 26^0 = 11 + 14 + 101 + 252 + 260$$

$$638 := 1^1 + 2^3 + 12^2 + 22^2 + 26^0 = 11 + 23 + 122 + 222 + 260$$

$$638 := 1^1 + 3^4 + 10^0 + 23^2 + 26^1 = 11 + 34 + 100 + 232 + 261$$

$$638 := 1^1 + 4^4 + 19^1 + 19^2 + 20^0 = 11 + 44 + 191 + 192 + 200$$

$$638 := 1^2 + 1^3 + 10^1 + 25^2 + 26^0 = 12 + 13 + 101 + 252 + 260$$

$$638 := 1^2 + 5^3 + 8^0 + 22^2 + 27^1 = 12 + 53 + 80 + 222 + 271$$

$$638 := 1^2 + 6^3 + 16^0 + 20^1 + 20^2 = 12 + 63 + 160 + 201 + 202$$

$$638 := 1^2 + 8^3 + 10^2 + 20^0 + 24^1 = 12 + 83 + 102 + 200 + 241$$

$$638 := 1^3 + 11^1 + 15^2 + 16^0 + 20^2 = 13 + 111 + 152 + 160 + 202$$

$$638 := 1^3 + 2^0 + 13^2 + 21^2 + 26^1 = 13 + 20 + 132 + 212 + 261$$

$$638 := 1^3 + 4^0 + 17^2 + 18^2 + 23^1 = 13 + 40 + 172 + 182 + 231$$

$$638 := 1^3 + 4^0 + 9^2 + 23^2 + 26^1 = 13 + 40 + 92 + 232 + 261$$

$$638 := 1^3 + 5^4 + 10^1 + 20^0 + 27^0 = 13 + 54 + 101 + 200 + 270$$

$$638 := 1^3 + 5^4 + 10^1 + 21^0 + 26^0 = 13 + 54 + 101 + 210 + 260$$

$$638 := 1^3 + 5^4 + 10^1 + 22^0 + 25^0 = 13 + 54 + 101 + 220 + 250$$

$$638 := 1^3 + 5^4 + 10^1 + 23^0 + 24^0 = 13 + 54 + 101 + 230 + 240$$

$$638 := 1^3 + 6^2 + 8^0 + 24^1 + 24^2 = 13 + 62 + 80 + 241 + 242$$

$$638 := 1^3 + 7^1 + 10^2 + 22^0 + 23^2 = 13 + 71 + 102 + 220 + 232$$

$$638 := 1^3 + 7^2 + 11^1 + 20^0 + 24^2 = 13 + 72 + 111 + 200 + 242$$

$$638 := 1^3 + 8^0 + 16^2 + 19^1 + 19^2 = 13 + 80 + 162 + 191 + 192$$

$$638 := 1^3 + 8^1 + 12^2 + 20^0 + 22^2 = 13 + 81 + 122 + 200 + 222$$

$$638 := 1^4 + 1^9 + 13^2 + 21^2 + 26^1 = 14 + 19 + 132 + 212 + 261$$

$$638 := 1^4 + 2^1 + 9^1 + 25^2 + 26^0 = 14 + 21 + 91 + 252 + 260$$

$$638 := 1^4 + 3^1 + 8^1 + 25^2 + 26^0 = 14 + 31 + 81 + 252 + 260$$

$$638 := 1^4 + 4^1 + 7^1 + 25^2 + 26^0 = 14 + 41 + 71 + 252 + 260$$

$$638 := 1^4 + 5^1 + 6^1 + 25^2 + 26^0 = 14 + 51 + 61 + 252 + 260$$

$$638 := 1^5 + 1^8 + 13^2 + 21^2 + 26^1 = 15 + 18 + 132 + 212 + 261$$

$$638 := 1^5 + 10^0 + 10^1 + 17^0 + 25^2 = 15 + 100 + 101 + 170 + 252$$

$$638 := 1^5 + 10^1 + 11^0 + 16^0 + 25^2 = 15 + 101 + 110 + 160 + 252$$

$$638 := 1^5 + 10^1 + 12^0 + 15^0 + 25^2 = 15 + 101 + 120 + 150 + 252$$

$$638 := 1^5 + 10^1 + 13^0 + 14^0 + 25^2 = 15 + 101 + 130 + 140 + 252$$

$$638 := 1^5 + 2^0 + 10^1 + 25^0 + 25^2 = 15 + 20 + 101 + 250 + 252$$

$$638 := 1^5 + 3^0 + 10^1 + 24^0 + 25^2 = 15 + 30 + 101 + 240 + 252$$

$$638 := 1^5 + 4^0 + 10^1 + 23^0 + 25^2 = 15 + 40 + 101 + 230 + 252$$

$$638 := 1^5 + 5^0 + 10^1 + 22^0 + 25^2 = 15 + 50 + 101 + 220 + 252$$

$$638 := 1^5 + 6^0 + 10^1 + 21^0 + 25^2 = 15 + 60 + 101 + 210 + 252$$

$$638 := 1^5 + 7^0 + 10^1 + 20^0 + 25^2 = 15 + 70 + 101 + 200 + 252$$

$$638 := 1^5 + 8^0 + 10^1 + 19^0 + 25^2 = 15 + 80 + 101 + 190 + 252$$

$$638 := 1^5 + 9^0 + 10^1 + 18^0 + 25^2 = 15 + 90 + 101 + 180 + 252$$

$$638 := 1^6 + 1^7 + 13^2 + 21^2 + 26^1 = 16 + 17 + 132 + 212 + 261$$

$$638 := 1^6 + 1^9 + 10^1 + 25^0 + 25^2 = 16 + 19 + 101 + 250 + 252$$

$$638 := 1^6 + 2^9 + 10^2 + 24^1 + 25^0 = 16 + 29 + 102 + 241 + 250$$

$$638 := 1^7 + 1^8 + 10^1 + 25^0 + 25^2 = 17 + 18 + 101 + 250 + 252$$

$$638 := 1^7 + 2^8 + 19^1 + 19^2 + 21^0 = 17 + 28 + 191 + 192 + 210$$

$$638 := 1^8 + 2^5 + 16^2 + 18^2 + 25^1 = 18 + 25 + 162 + 182 + 251$$

$$638 := 1^8 + 2^7 + 13^0 + 22^2 + 24^1 = 18 + 27 + 130 + 222 + 241$$

$$638 := 1^8 + 3^5 + 7^3 + 24^1 + 27^1 = 18 + 35 + 73 + 241 + 271$$

$$638 := 1^8 + 3^5 + 7^3 + 25^1 + 26^1 = 18 + 35 + 73 + 251 + 261$$

$$638 := 1^9 + 2^4 + 14^2 + 20^2 + 25^1 = 19 + 24 + 142 + 202 + 251$$

$$638 := 1^9 + 3^4 + 13^2 + 19^2 + 26^1 = 19 + 34 + 132 + 192 + 261$$

$$638 := 2^0 + 3^3 + 10^2 + 22^2 + 26^1 = 20 + 33 + 102 + 222 + 261$$

$$638 := 2^0 + 3^3 + 12^2 + 21^2 + 25^1 = 20 + 33 + 122 + 212 + 251$$

$$638 := 2^0 + 3^3 + 15^2 + 19^2 + 24^1 = 20 + 33 + 152 + 192 + 241$$

$$638 := 2^0 + 4^3 + 15^2 + 18^2 + 24^1 = 20 + 43 + 152 + 182 + 241$$

$$638 := 2^0 + 6^3 + 13^2 + 15^2 + 27^1 = 20 + 63 + 132 + 152 + 271$$

$$638 := 2^1 + 3^4 + 10^0 + 23^2 + 25^1 = 21 + 34 + 100 + 232 + 251$$

$$\begin{aligned} 638 &:= 2^1 + 4^4 + 18^1 + 19^2 + 20^0 = 21 + 44 + 181 + 192 + 200 \\ 638 &:= 2^2 + 11^2 + 16^2 + 16^2 + 18^0 = 22 + 112 + 162 + 162 + 180 \\ 638 &:= 2^2 + 2^2 + 10^2 + 23^2 + 26^0 = 22 + 22 + 102 + 232 + 260 \\ 638 &:= 2^2 + 4^2 + 16^2 + 19^2 + 22^0 = 22 + 42 + 162 + 192 + 220 \\ 638 &:= 2^2 + 5^3 + 10^0 + 22^2 + 24^1 = 22 + 53 + 100 + 222 + 241 \\ 638 &:= 2^2 + 6^3 + 17^1 + 18^0 + 20^2 = 22 + 63 + 171 + 180 + 202 \\ 638 &:= 2^2 + 7^2 + 10^2 + 22^0 + 22^2 = 22 + 72 + 102 + 220 + 222 \\ 638 &:= 2^2 + 8^2 + 13^2 + 20^0 + 20^2 = 22 + 82 + 132 + 200 + 202 \\ 638 &:= 2^2 + 8^3 + 10^2 + 21^1 + 22^0 = 22 + 83 + 102 + 211 + 220 \\ 638 &:= 2^3 + 10^0 + 16^1 + 17^2 + 18^2 = 23 + 100 + 161 + 172 + 182 \\ 638 &:= 2^3 + 12^1 + 14^0 + 16^2 + 19^2 = 23 + 121 + 140 + 162 + 192 \\ 638 &:= 2^3 + 3^1 + 5^4 + 26^0 + 27^0 = 23 + 31 + 54 + 260 + 270 \\ 638 &:= 2^3 + 4^0 + 11^2 + 22^2 + 24^1 = 23 + 40 + 112 + 222 + 241 \\ 638 &:= 2^3 + 4^1 + 15^2 + 20^2 + 22^0 = 23 + 41 + 152 + 202 + 220 \\ 638 &:= 2^3 + 4^1 + 7^2 + 24^2 + 26^0 = 23 + 41 + 72 + 242 + 260 \\ 638 &:= 2^3 + 6^2 + 14^0 + 17^1 + 24^2 = 23 + 62 + 140 + 171 + 242 \\ 638 &:= 2^3 + 8^0 + 13^2 + 19^1 + 21^2 = 23 + 80 + 132 + 191 + 212 \\ 638 &:= 2^3 + 9^2 + 10^0 + 19^1 + 23^2 = 23 + 92 + 100 + 191 + 232 \\ 638 &:= 2^6 + 2^9 + 6^2 + 25^1 + 27^0 = 26 + 29 + 62 + 251 + 270 \\ 638 &:= 3^1 + 3^4 + 10^0 + 23^2 + 24^1 = 31 + 34 + 100 + 232 + 241 \\ 638 &:= 3^1 + 4^4 + 17^1 + 19^2 + 20^0 = 31 + 44 + 171 + 192 + 200 \\ 638 &:= 3^2 + 3^3 + 8^0 + 24^2 + 25^1 = 32 + 33 + 80 + 242 + 251 \\ 638 &:= 3^2 + 4^2 + 6^2 + 24^2 + 26^0 = 32 + 42 + 62 + 242 + 260 \\ 638 &:= 3^2 + 5^3 + 14^0 + 19^1 + 22^2 = 32 + 53 + 140 + 191 + 222 \\ 638 &:= 3^2 + 6^3 + 12^1 + 20^2 + 22^0 = 32 + 63 + 121 + 202 + 220 \\ 638 &:= 3^2 + 8^3 + 10^2 + 16^1 + 26^0 = 32 + 83 + 102 + 161 + 260 \\ 638 &:= 3^3 + 12^0 + 14^1 + 14^2 + 20^2 = 33 + 120 + 141 + 142 + 202 \\ 638 &:= 3^3 + 4^2 + 14^0 + 18^1 + 24^2 = 33 + 42 + 140 + 181 + 242 \\ 638 &:= 3^3 + 5^1 + 11^2 + 22^0 + 22^2 = 33 + 51 + 112 + 220 + 222 \\ 638 &:= 3^3 + 5^2 + 9^1 + 22^0 + 24^2 = 33 + 52 + 91 + 220 + 242 \\ 638 &:= 3^3 + 5^3 + 10^0 + 22^2 + 23^0 = 33 + 53 + 100 + 222 + 230 \\ 638 &:= 3^3 + 5^3 + 11^0 + 22^0 + 22^2 = 33 + 53 + 110 + 220 + 222 \\ 638 &:= 3^3 + 5^3 + 12^0 + 21^0 + 22^2 = 33 + 53 + 120 + 210 + 222 \\ 638 &:= 3^3 + 5^3 + 13^0 + 20^0 + 22^2 = 33 + 53 + 130 + 200 + 222 \\ 638 &:= 3^3 + 5^3 + 14^0 + 19^0 + 22^2 = 33 + 53 + 140 + 190 + 222 \\ 638 &:= 3^3 + 5^3 + 15^0 + 18^0 + 22^2 = 33 + 53 + 150 + 180 + 222 \\ 638 &:= 3^3 + 5^3 + 16^0 + 17^0 + 22^2 = 33 + 53 + 160 + 170 + 222 \\ 638 &:= 3^3 + 5^3 + 6^0 + 22^2 + 27^0 = 33 + 53 + 60 + 222 + 270 \end{aligned}$$

$$\begin{aligned} 638 &:= 3^3 + 5^3 + 7^0 + 22^2 + 26^0 = 33 + 53 + 70 + 222 + 260 \\ 638 &:= 3^3 + 5^3 + 8^0 + 22^2 + 25^0 = 33 + 53 + 80 + 222 + 250 \\ 638 &:= 3^3 + 5^3 + 9^0 + 22^2 + 24^0 = 33 + 53 + 90 + 222 + 240 \\ 638 &:= 3^3 + 8^2 + 12^0 + 17^1 + 23^2 = 33 + 82 + 120 + 171 + 232 \\ 638 &:= 3^4 + 10^0 + 10^1 + 17^1 + 23^2 = 34 + 100 + 101 + 171 + 232 \\ 638 &:= 3^4 + 10^0 + 11^1 + 16^1 + 23^2 = 34 + 100 + 111 + 161 + 232 \\ 638 &:= 3^4 + 10^0 + 12^1 + 15^1 + 23^2 = 34 + 100 + 121 + 151 + 232 \\ 638 &:= 3^4 + 10^0 + 13^1 + 14^1 + 23^2 = 34 + 100 + 131 + 141 + 232 \\ 638 &:= 3^4 + 4^1 + 10^0 + 23^1 + 23^2 = 34 + 41 + 100 + 231 + 232 \\ 638 &:= 3^4 + 5^1 + 10^0 + 22^1 + 23^2 = 34 + 51 + 100 + 221 + 232 \\ 638 &:= 3^4 + 6^1 + 10^0 + 21^1 + 23^2 = 34 + 61 + 100 + 211 + 232 \\ 638 &:= 3^4 + 7^1 + 10^0 + 20^1 + 23^2 = 34 + 71 + 100 + 201 + 232 \\ 638 &:= 3^4 + 8^1 + 10^0 + 19^1 + 23^2 = 34 + 81 + 100 + 191 + 232 \\ 638 &:= 3^4 + 9^1 + 10^0 + 18^1 + 23^2 = 34 + 91 + 100 + 181 + 232 \\ 638 &:= 4^0 + 4^3 + 8^2 + 22^2 + 25^1 = 40 + 43 + 82 + 222 + 251 \\ 638 &:= 4^1 + 4^3 + 13^2 + 20^2 + 22^0 = 41 + 43 + 132 + 202 + 220 \\ 638 &:= 4^1 + 4^4 + 16^1 + 19^2 + 20^0 = 41 + 44 + 161 + 192 + 200 \\ 638 &:= 4^2 + 10^2 + 11^2 + 18^0 + 20^2 = 42 + 102 + 112 + 180 + 202 \\ 638 &:= 4^2 + 13^2 + 14^2 + 16^0 + 16^2 = 42 + 132 + 142 + 160 + 162 \\ 638 &:= 4^2 + 4^2 + 11^2 + 22^0 + 22^2 = 42 + 42 + 112 + 220 + 222 \\ 638 &:= 4^2 + 5^2 + 14^2 + 20^0 + 20^2 = 42 + 52 + 142 + 200 + 202 \\ 638 &:= 4^2 + 5^3 + 12^1 + 20^0 + 22^2 = 42 + 53 + 121 + 200 + 222 \\ 638 &:= 4^2 + 6^2 + 12^2 + 20^0 + 21^2 = 42 + 62 + 122 + 200 + 212 \\ 638 &:= 4^2 + 7^3 + 14^0 + 16^2 + 22^1 = 42 + 73 + 140 + 162 + 221 \\ 638 &:= 4^2 + 8^2 + 14^2 + 18^0 + 19^2 = 42 + 82 + 142 + 180 + 192 \\ 638 &:= 4^3 + 10^0 + 14^2 + 16^1 + 19^2 = 43 + 100 + 142 + 161 + 192 \\ 638 &:= 4^3 + 11^1 + 11^2 + 16^0 + 21^2 = 43 + 111 + 112 + 160 + 212 \\ 638 &:= 4^3 + 5^2 + 12^0 + 19^1 + 23^2 = 43 + 52 + 120 + 191 + 232 \\ 638 &:= 4^3 + 6^2 + 8^1 + 22^0 + 23^2 = 43 + 62 + 81 + 220 + 232 \\ 638 &:= 4^3 + 8^1 + 9^2 + 20^0 + 22^2 = 43 + 81 + 92 + 200 + 222 \\ 638 &:= 4^4 + 10^1 + 10^1 + 19^2 + 20^0 = 44 + 101 + 101 + 192 + 200 \\ 638 &:= 4^4 + 5^1 + 15^1 + 19^2 + 20^0 = 44 + 51 + 151 + 192 + 200 \\ 638 &:= 4^4 + 6^1 + 14^1 + 19^2 + 20^0 = 44 + 61 + 141 + 192 + 200 \\ 638 &:= 4^4 + 7^1 + 13^1 + 19^2 + 20^0 = 44 + 71 + 131 + 192 + 200 \\ 638 &:= 4^4 + 8^1 + 12^1 + 19^2 + 20^0 = 44 + 81 + 121 + 192 + 200 \\ 638 &:= 4^4 + 9^1 + 11^1 + 19^2 + 20^0 = 44 + 91 + 111 + 192 + 200 \\ 638 &:= 5^2 + 10^2 + 16^0 + 16^2 + 16^2 = 52 + 102 + 160 + 162 + 162 \\ 638 &:= 5^2 + 12^2 + 12^2 + 16^0 + 18^2 = 52 + 122 + 122 + 160 + 182 \end{aligned}$$

$$\begin{aligned}
 638 &:= 5^2 + 7^3 + 13^1 + 16^2 + 22^0 = 52 + 73 + 131 + 162 + 220 \\
 638 &:= 5^2 + 8^2 + 8^2 + 20^0 + 22^2 = 52 + 82 + 82 + 200 + 222 \\
 638 &:= 5^2 + 8^3 + 9^2 + 19^1 + 22^0 = 52 + 83 + 92 + 191 + 220 \\
 638 &:= 5^3 + 10^2 + 12^1 + 16^0 + 20^2 = 53 + 102 + 121 + 160 + 202 \\
 638 &:= 5^3 + 7^1 + 12^2 + 19^2 + 20^0 = 53 + 71 + 122 + 192 + 200 \\
 638 &:= 5^3 + 7^1 + 8^2 + 21^2 + 22^0 = 53 + 71 + 82 + 212 + 220 \\
 638 &:= 5^3 + 7^2 + 8^0 + 21^2 + 22^1 = 53 + 72 + 80 + 212 + 221 \\
 638 &:= 5^3 + 8^0 + 13^2 + 18^2 + 19^1 = 53 + 80 + 132 + 182 + 191 \\
 638 &:= 6^1 + 7^3 + 12^2 + 12^2 + 26^0 = 61 + 73 + 122 + 122 + 260 \\
 638 &:= 6^2 + 6^2 + 6^2 + 22^0 + 23^2 = 62 + 62 + 62 + 220 + 232 \\
 638 &:= 6^2 + 6^2 + 9^2 + 20^0 + 22^2 = 62 + 62 + 92 + 200 + 222 \\
 638 &:= 6^2 + 6^3 + 8^0 + 19^2 + 24^1 = 62 + 63 + 80 + 192 + 241 \\
 638 &:= 6^2 + 8^2 + 8^3 + 16^0 + 25^1 = 62 + 82 + 83 + 160 + 251
 \end{aligned}$$

$$\begin{aligned}
 638 &:= 6^2 + 9^2 + 14^2 + 16^0 + 18^2 = 62 + 92 + 142 + 160 + 182 \\
 638 &:= 6^3 + 11^1 + 11^2 + 17^2 + 18^0 = 63 + 111 + 112 + 172 + 180 \\
 638 &:= 6^3 + 7^2 + 11^1 + 19^2 + 20^0 = 63 + 72 + 111 + 192 + 200 \\
 638 &:= 6^3 + 8^0 + 12^2 + 16^2 + 21^1 = 63 + 80 + 122 + 162 + 211 \\
 638 &:= 6^3 + 9^2 + 14^0 + 16^1 + 18^2 = 63 + 92 + 140 + 161 + 182 \\
 638 &:= 7^2 + 14^0 + 14^2 + 14^2 + 14^2 = 72 + 140 + 142 + 142 + 142 \\
 638 &:= 7^2 + 7^2 + 8^3 + 14^0 + 27^1 = 72 + 72 + 83 + 140 + 271 \\
 638 &:= 7^2 + 7^3 + 14^0 + 15^2 + 20^1 = 72 + 73 + 140 + 152 + 201 \\
 638 &:= 7^3 + 8^0 + 10^2 + 13^2 + 25^1 = 73 + 80 + 102 + 132 + 251 \\
 638 &:= 7^3 + 9^2 + 14^2 + 16^0 + 17^1 = 73 + 92 + 142 + 160 + 171 \\
 638 &:= 8^2 + 11^2 + 14^0 + 14^2 + 16^2 = 82 + 112 + 140 + 142 + 162
 \end{aligned}$$

2.2.540 Number 639

$$\begin{aligned}
 639 &:= 3^5 + 7^3 + 53^1 = 35 + 73 + 531 \\
 639 &:= 1^0 + 3^5 + 7^3 + 52^1 = 10 + 35 + 73 + 521 \\
 639 &:= 1^3 + 3^3 + 24^2 + 35^1 = 13 + 33 + 242 + 351 \\
 639 &:= 1^3 + 5^3 + 8^3 + 49^0 = 13 + 53 + 83 + 490 \\
 639 &:= 1^3 + 7^3 + 16^2 + 39^1 = 13 + 73 + 162 + 391 \\
 639 &:= 1^3 + 8^3 + 9^2 + 45^1 = 13 + 83 + 92 + 451 \\
 639 &:= 1^4 + 13^2 + 21^2 + 28^1 = 14 + 132 + 212 + 281 \\
 639 &:= 1^4 + 5^4 + 12^1 + 45^0 = 14 + 54 + 121 + 450 \\
 639 &:= 1^5 + 14^2 + 21^2 + 27^0 = 15 + 142 + 212 + 270 \\
 639 &:= 1^6 + 12^1 + 25^0 + 25^2 = 16 + 121 + 250 + 252 \\
 639 &:= 1^7 + 2^9 + 5^3 + 54^0 = 17 + 29 + 53 + 540 \\
 639 &:= 2^4 + 14^2 + 20^2 + 27^1 = 24 + 142 + 202 + 271 \\
 639 &:= 2^4 + 8^2 + 23^2 + 30^1 = 24 + 82 + 232 + 301 \\
 639 &:= 3^3 + 6^3 + 19^2 + 35^1 = 33 + 63 + 192 + 351 \\
 639 &:= 3^4 + 13^2 + 19^2 + 28^1 = 34 + 132 + 192 + 281 \\
 639 &:= 3^5 + 7^3 + 53^1 = 35 + 73 + 531 \\
 639 &:= 4^2 + 4^3 + 8^3 + 47^1 = 42 + 43 + 83 + 471 \\
 639 &:= 4^3 + 6^3 + 18^2 + 35^1 = 43 + 63 + 182 + 351 \\
 639 &:= 6^2 + 6^3 + 7^3 + 44^1 = 62 + 63 + 73 + 441 \\
 639 &:= 6^3 + 6^3 + 13^2 + 38^1 = 63 + 63 + 132 + 381 \\
 639 &:= 1^0 + 1^4 + 13^2 + 21^2 + 27^1 = 10 + 14 + 132 + 212 + 271 \\
 639 &:= 1^0 + 1^6 + 11^1 + 25^0 + 25^2 = 10 + 16 + 111 + 250 + 252 \\
 639 &:= 1^0 + 2^4 + 14^2 + 20^2 + 26^1 = 10 + 24 + 142 + 202 + 261
 \end{aligned}$$

$$\begin{aligned}
 639 &:= 1^0 + 2^5 + 11^2 + 22^2 + 27^0 = 10 + 25 + 112 + 222 + 270 \\
 639 &:= 1^0 + 3^4 + 13^2 + 19^2 + 27^1 = 10 + 34 + 132 + 192 + 271 \\
 639 &:= 1^1 + 1^3 + 13^2 + 21^2 + 27^1 = 11 + 13 + 132 + 212 + 271 \\
 639 &:= 1^1 + 1^5 + 11^1 + 25^0 + 25^2 = 11 + 15 + 111 + 250 + 252 \\
 639 &:= 1^1 + 3^3 + 10^2 + 22^2 + 27^1 = 11 + 33 + 102 + 222 + 271 \\
 639 &:= 1^1 + 3^3 + 12^2 + 21^2 + 26^1 = 11 + 33 + 122 + 212 + 261 \\
 639 &:= 1^1 + 3^3 + 15^2 + 19^2 + 25^1 = 11 + 33 + 152 + 192 + 251 \\
 639 &:= 1^1 + 4^3 + 15^2 + 18^2 + 25^1 = 11 + 43 + 152 + 182 + 251 \\
 639 &:= 1^2 + 1^2 + 13^2 + 21^2 + 27^1 = 12 + 12 + 132 + 212 + 271 \\
 639 &:= 1^2 + 1^4 + 11^1 + 25^0 + 25^2 = 12 + 14 + 111 + 250 + 252 \\
 639 &:= 1^2 + 13^2 + 15^2 + 15^2 + 19^1 = 12 + 132 + 152 + 152 + 191 \\
 639 &:= 1^2 + 2^3 + 10^2 + 23^2 + 27^0 = 12 + 23 + 102 + 232 + 270 \\
 639 &:= 1^2 + 3^3 + 10^1 + 24^2 + 25^1 = 12 + 33 + 101 + 242 + 251 \\
 639 &:= 1^2 + 3^3 + 11^1 + 24^1 + 24^2 = 12 + 33 + 111 + 241 + 242 \\
 639 &:= 1^2 + 3^3 + 12^1 + 23^1 + 24^2 = 12 + 33 + 121 + 231 + 242 \\
 639 &:= 1^2 + 3^3 + 13^1 + 22^1 + 24^2 = 12 + 33 + 131 + 221 + 242 \\
 639 &:= 1^2 + 3^3 + 13^2 + 21^2 + 25^0 = 12 + 33 + 132 + 212 + 250 \\
 639 &:= 1^2 + 3^3 + 14^1 + 21^1 + 24^2 = 12 + 33 + 141 + 211 + 242 \\
 639 &:= 1^2 + 3^3 + 15^1 + 20^1 + 24^2 = 12 + 33 + 151 + 201 + 242 \\
 639 &:= 1^2 + 3^3 + 16^1 + 19^1 + 24^2 = 12 + 33 + 161 + 191 + 242 \\
 639 &:= 1^2 + 3^3 + 17^1 + 18^1 + 24^2 = 12 + 33 + 171 + 181 + 242 \\
 639 &:= 1^2 + 3^3 + 8^1 + 24^2 + 27^1 = 12 + 33 + 81 + 242 + 271 \\
 639 &:= 1^2 + 3^3 + 9^1 + 24^2 + 26^1 = 12 + 33 + 91 + 242 + 261
 \end{aligned}$$

$639 := 1^2 + 3^3 + 9^2 + 23^2 + 27^0 = 12 + 33 + 92 + 232 + 270$	$639 := 1^3 + 9^1 + 13^2 + 19^1 + 21^2 = 13 + 91 + 132 + 191 + 212$
$639 := 1^2 + 3^4 + 9^0 + 23^2 + 27^1 = 12 + 34 + 90 + 232 + 271$	$639 := 1^4 + 12^1 + 15^0 + 15^2 + 20^2 = 14 + 121 + 150 + 152 + 202$
$639 := 1^2 + 4^4 + 19^0 + 19^2 + 20^1 = 12 + 44 + 190 + 192 + 201$	$639 := 1^4 + 2^2 + 8^1 + 25^2 + 27^0 = 14 + 22 + 81 + 252 + 270$
$639 := 1^2 + 5^3 + 16^2 + 16^2 + 25^0 = 12 + 53 + 162 + 162 + 250$	$639 := 1^4 + 3^0 + 17^2 + 18^2 + 24^1 = 14 + 30 + 172 + 182 + 241$
$639 := 1^2 + 6^2 + 16^2 + 18^2 + 22^1 = 12 + 62 + 162 + 182 + 221$	$639 := 1^4 + 3^0 + 9^2 + 23^2 + 27^1 = 14 + 30 + 92 + 232 + 271$
$639 := 1^2 + 6^3 + 14^2 + 15^2 + 27^0 = 12 + 63 + 142 + 152 + 270$	$639 := 1^4 + 5^4 + 11^1 + 19^0 + 27^0 = 14 + 54 + 111 + 190 + 270$
$639 := 1^2 + 7^2 + 9^2 + 22^2 + 24^1 = 12 + 72 + 92 + 222 + 241$	$639 := 1^4 + 5^4 + 11^1 + 20^0 + 26^0 = 14 + 54 + 111 + 200 + 260$
$639 := 1^2 + 7^3 + 12^1 + 16^2 + 27^1 = 12 + 73 + 121 + 162 + 271$	$639 := 1^4 + 5^4 + 11^1 + 21^0 + 25^0 = 14 + 54 + 111 + 210 + 250$
$639 := 1^2 + 7^3 + 13^1 + 16^2 + 26^1 = 12 + 73 + 131 + 162 + 261$	$639 := 1^4 + 5^4 + 11^1 + 22^0 + 24^0 = 14 + 54 + 111 + 220 + 240$
$639 := 1^2 + 7^3 + 14^1 + 16^2 + 25^1 = 12 + 73 + 141 + 162 + 251$	$639 := 1^4 + 5^4 + 11^1 + 23^0 + 23^0 = 14 + 54 + 111 + 230 + 230$
$639 := 1^2 + 7^3 + 15^1 + 16^2 + 24^1 = 12 + 73 + 151 + 162 + 241$	$639 := 1^4 + 6^2 + 7^0 + 24^2 + 25^1 = 14 + 62 + 70 + 242 + 251$
$639 := 1^2 + 7^3 + 16^1 + 16^2 + 23^1 = 12 + 73 + 161 + 162 + 231$	$639 := 1^4 + 7^0 + 16^2 + 19^2 + 20^1 = 14 + 70 + 162 + 192 + 201$
$639 := 1^2 + 7^3 + 16^2 + 17^1 + 22^1 = 12 + 73 + 162 + 171 + 221$	$639 := 1^4 + 7^2 + 12^1 + 19^0 + 24^2 = 14 + 72 + 121 + 190 + 242$
$639 := 1^2 + 7^3 + 16^2 + 18^1 + 21^1 = 12 + 73 + 162 + 181 + 211$	$639 := 1^4 + 8^1 + 10^2 + 21^0 + 23^2 = 14 + 81 + 102 + 210 + 232$
$639 := 1^2 + 7^3 + 16^2 + 19^1 + 20^1 = 12 + 73 + 162 + 191 + 201$	$639 := 1^4 + 9^1 + 12^2 + 19^0 + 22^2 = 14 + 91 + 122 + 190 + 222$
$639 := 1^2 + 8^3 + 9^2 + 18^1 + 27^1 = 12 + 83 + 92 + 181 + 271$	$639 := 1^5 + 2^1 + 10^1 + 25^0 + 25^2 = 15 + 21 + 101 + 250 + 252$
$639 := 1^2 + 8^3 + 9^2 + 19^1 + 26^1 = 12 + 83 + 92 + 191 + 261$	$639 := 1^5 + 3^1 + 9^1 + 25^0 + 25^2 = 15 + 31 + 91 + 250 + 252$
$639 := 1^2 + 8^3 + 9^2 + 20^1 + 25^1 = 12 + 83 + 92 + 201 + 251$	$639 := 1^5 + 4^1 + 8^1 + 25^0 + 25^2 = 15 + 41 + 81 + 250 + 252$
$639 := 1^2 + 8^3 + 9^2 + 21^1 + 24^1 = 12 + 83 + 92 + 211 + 241$	$639 := 1^5 + 5^1 + 7^1 + 25^0 + 25^2 = 15 + 51 + 71 + 250 + 252$
$639 := 1^2 + 8^3 + 9^2 + 22^1 + 23^1 = 12 + 83 + 92 + 221 + 231$	$639 := 1^5 + 6^1 + 6^1 + 25^0 + 25^2 = 15 + 61 + 61 + 250 + 252$
$639 := 1^3 + 1^3 + 11^1 + 25^0 + 25^2 = 13 + 13 + 111 + 250 + 252$	$639 := 1^6 + 10^0 + 11^1 + 16^0 + 25^2 = 16 + 100 + 111 + 160 + 252$
$639 := 1^3 + 10^1 + 13^2 + 18^1 + 21^2 = 13 + 101 + 132 + 181 + 212$	$639 := 1^6 + 11^0 + 11^1 + 15^0 + 25^2 = 16 + 110 + 111 + 150 + 252$
$639 := 1^3 + 11^1 + 13^2 + 17^1 + 21^2 = 13 + 111 + 132 + 171 + 212$	$639 := 1^6 + 11^1 + 12^0 + 14^0 + 25^2 = 16 + 111 + 120 + 140 + 252$
$639 := 1^3 + 12^1 + 13^2 + 16^1 + 21^2 = 13 + 121 + 132 + 161 + 212$	$639 := 1^6 + 11^1 + 13^0 + 13^0 + 25^2 = 16 + 111 + 130 + 130 + 252$
$639 := 1^3 + 12^2 + 13^2 + 18^2 + 19^0 = 13 + 122 + 132 + 182 + 190$	$639 := 1^6 + 2^0 + 11^1 + 24^0 + 25^2 = 16 + 20 + 111 + 240 + 252$
$639 := 1^3 + 13^1 + 13^2 + 15^1 + 21^2 = 13 + 131 + 132 + 151 + 212$	$639 := 1^6 + 3^0 + 11^1 + 23^0 + 25^2 = 16 + 30 + 111 + 230 + 252$
$639 := 1^3 + 13^2 + 14^1 + 14^1 + 21^2 = 13 + 132 + 141 + 141 + 212$	$639 := 1^6 + 4^0 + 11^1 + 22^0 + 25^2 = 16 + 40 + 111 + 220 + 252$
$639 := 1^3 + 2^1 + 13^2 + 21^2 + 26^1 = 13 + 21 + 132 + 212 + 261$	$639 := 1^6 + 5^0 + 11^1 + 21^0 + 25^2 = 16 + 50 + 111 + 210 + 252$
$639 := 1^3 + 3^1 + 13^2 + 21^2 + 25^1 = 13 + 31 + 132 + 212 + 251$	$639 := 1^6 + 6^0 + 11^1 + 20^0 + 25^2 = 16 + 60 + 111 + 200 + 252$
$639 := 1^3 + 3^2 + 12^2 + 22^2 + 25^0 = 13 + 32 + 122 + 222 + 250$	$639 := 1^6 + 7^0 + 11^1 + 19^0 + 25^2 = 16 + 70 + 111 + 190 + 252$
$639 := 1^3 + 4^1 + 13^2 + 21^2 + 24^1 = 13 + 41 + 132 + 212 + 241$	$639 := 1^6 + 8^0 + 11^1 + 18^0 + 25^2 = 16 + 80 + 111 + 180 + 252$
$639 := 1^3 + 5^1 + 13^2 + 21^2 + 23^1 = 13 + 51 + 132 + 212 + 231$	$639 := 1^6 + 9^0 + 11^1 + 17^0 + 25^2 = 16 + 90 + 111 + 170 + 252$
$639 := 1^3 + 5^2 + 6^2 + 24^2 + 27^0 = 13 + 52 + 62 + 242 + 270$	$639 := 1^7 + 1^9 + 11^1 + 24^0 + 25^2 = 17 + 19 + 111 + 240 + 252$
$639 := 1^3 + 6^1 + 13^2 + 21^2 + 22^1 = 13 + 61 + 132 + 212 + 221$	$639 := 1^7 + 2^9 + 10^2 + 24^0 + 25^1 = 17 + 29 + 102 + 240 + 251$
$639 := 1^3 + 6^3 + 15^0 + 20^2 + 21^1 = 13 + 63 + 150 + 202 + 211$	$639 := 1^8 + 1^8 + 11^1 + 24^0 + 25^2 = 18 + 18 + 111 + 240 + 252$
$639 := 1^3 + 7^1 + 13^2 + 21^1 + 21^2 = 13 + 71 + 132 + 211 + 212$	$639 := 1^8 + 2^8 + 19^2 + 20^0 + 20^1 = 18 + 28 + 192 + 200 + 201$
$639 := 1^3 + 8^1 + 13^2 + 20^1 + 21^2 = 13 + 81 + 132 + 201 + 212$	$639 := 1^9 + 2^7 + 12^0 + 22^2 + 25^1 = 19 + 27 + 120 + 222 + 251$
$639 := 1^3 + 8^3 + 10^2 + 19^0 + 25^1 = 13 + 83 + 102 + 190 + 251$	$639 := 10^2 + 10^2 + 10^2 + 15^1 + 18^2 = 102 + 102 + 102 + 151 + 182$

$639 := 10^2 + 10^2 + 13^2 + 14^1 + 16^2 = 102 + 102 + 132 + 141 + 162$	$639 := 2^5 + 4^0 + 11^2 + 22^2 + 24^0 = 25 + 40 + 112 + 222 + 240$
$639 := 12^2 + 12^2 + 13^1 + 13^2 + 13^2 = 122 + 122 + 131 + 132 + 132$	$639 := 2^5 + 4^1 + 7^0 + 24^2 + 26^1 = 25 + 41 + 70 + 242 + 261$
$639 := 2^0 + 2^5 + 11^2 + 22^2 + 26^0 = 20 + 25 + 112 + 222 + 260$	$639 := 2^5 + 5^0 + 11^2 + 22^2 + 23^0 = 25 + 50 + 112 + 222 + 230$
$639 := 2^1 + 3^3 + 10^2 + 22^2 + 26^1 = 21 + 33 + 102 + 222 + 261$	$639 := 2^5 + 5^1 + 7^0 + 24^2 + 25^1 = 25 + 51 + 70 + 242 + 251$
$639 := 2^1 + 3^3 + 12^2 + 21^2 + 25^1 = 21 + 33 + 122 + 212 + 251$	$639 := 2^5 + 6^0 + 11^2 + 22^0 + 22^2 = 25 + 60 + 112 + 220 + 222$
$639 := 2^1 + 3^3 + 15^2 + 19^2 + 24^1 = 21 + 33 + 152 + 192 + 241$	$639 := 2^5 + 6^1 + 7^0 + 24^1 + 24^2 = 25 + 61 + 70 + 241 + 242$
$639 := 2^1 + 4^3 + 15^2 + 18^2 + 24^1 = 21 + 43 + 152 + 182 + 241$	$639 := 2^5 + 7^0 + 10^1 + 20^1 + 24^2 = 25 + 70 + 101 + 201 + 242$
$639 := 2^1 + 6^3 + 13^2 + 15^2 + 27^1 = 21 + 63 + 132 + 152 + 271$	$639 := 2^5 + 7^0 + 11^1 + 19^1 + 24^2 = 25 + 70 + 111 + 191 + 242$
$639 := 2^2 + 14^2 + 14^2 + 15^2 + 18^1 = 22 + 142 + 142 + 152 + 181$	$639 := 2^5 + 7^0 + 11^2 + 21^0 + 22^2 = 25 + 70 + 112 + 210 + 222$
$639 := 2^2 + 2^2 + 11^2 + 22^2 + 26^1 = 22 + 22 + 112 + 222 + 261$	$639 := 2^5 + 7^0 + 12^1 + 18^1 + 24^2 = 25 + 70 + 121 + 181 + 242$
$639 := 2^2 + 2^3 + 5^4 + 27^0 + 27^0 = 22 + 23 + 54 + 270 + 270$	$639 := 2^5 + 7^0 + 13^1 + 17^1 + 24^2 = 25 + 70 + 131 + 171 + 242$
$639 := 2^2 + 3^4 + 11^0 + 23^2 + 24^1 = 22 + 34 + 110 + 232 + 241$	$639 := 2^5 + 7^0 + 14^1 + 16^1 + 24^2 = 25 + 70 + 141 + 161 + 242$
$639 := 2^2 + 4^2 + 14^2 + 20^2 + 23^1 = 22 + 42 + 142 + 202 + 231$	$639 := 2^5 + 7^0 + 15^1 + 15^1 + 24^2 = 25 + 70 + 151 + 151 + 242$
$639 := 2^2 + 4^2 + 8^2 + 23^2 + 26^1 = 22 + 42 + 82 + 232 + 261$	$639 := 2^5 + 7^0 + 7^1 + 23^1 + 24^2 = 25 + 70 + 71 + 231 + 242$
$639 := 2^2 + 4^4 + 17^1 + 19^2 + 21^0 = 22 + 44 + 171 + 192 + 210$	$639 := 2^5 + 7^0 + 8^1 + 22^1 + 24^2 = 25 + 70 + 81 + 221 + 242$
$639 := 2^2 + 6^2 + 17^2 + 17^2 + 21^1 = 22 + 62 + 172 + 172 + 211$	$639 := 2^5 + 7^0 + 9^1 + 21^1 + 24^2 = 25 + 70 + 91 + 211 + 242$
$639 := 2^2 + 8^2 + 8^2 + 22^2 + 23^1 = 22 + 82 + 82 + 222 + 231$	$639 := 2^5 + 8^0 + 11^2 + 20^0 + 22^2 = 25 + 80 + 112 + 200 + 222$
$639 := 2^3 + 10^2 + 13^2 + 19^0 + 19^2 = 23 + 102 + 132 + 190 + 192$	$639 := 2^5 + 9^0 + 11^2 + 19^0 + 22^2 = 25 + 90 + 112 + 190 + 222$
$639 := 2^3 + 3^3 + 7^0 + 24^2 + 27^1 = 23 + 33 + 70 + 242 + 271$	$639 := 2^8 + 2^8 + 10^2 + 22^0 + 26^1 = 28 + 28 + 102 + 220 + 261$
$639 := 2^3 + 5^2 + 11^2 + 22^2 + 23^0 = 23 + 52 + 112 + 222 + 230$	$639 := 2^8 + 2^8 + 5^3 + 26^0 + 27^0 = 28 + 28 + 53 + 260 + 270$
$639 := 2^3 + 5^3 + 13^0 + 21^1 + 22^2 = 23 + 53 + 130 + 211 + 222$	$639 := 3^1 + 3^3 + 10^2 + 22^2 + 25^1 = 31 + 33 + 102 + 222 + 251$
$639 := 2^3 + 6^3 + 14^1 + 20^2 + 21^0 = 23 + 63 + 141 + 202 + 210$	$639 := 3^1 + 3^3 + 12^2 + 21^2 + 24^1 = 31 + 33 + 122 + 212 + 241$
$639 := 2^3 + 8^3 + 10^2 + 18^1 + 25^0 = 23 + 83 + 102 + 181 + 250$	$639 := 3^1 + 3^3 + 15^2 + 19^2 + 23^1 = 31 + 33 + 152 + 192 + 231$
$639 := 2^3 + 9^2 + 15^2 + 18^2 + 19^0 = 23 + 92 + 152 + 182 + 190$	$639 := 3^1 + 4^3 + 15^2 + 18^2 + 23^1 = 31 + 43 + 152 + 182 + 231$
$639 := 2^4 + 11^0 + 11^2 + 17^1 + 22^2 = 24 + 110 + 112 + 171 + 222$	$639 := 3^1 + 6^3 + 13^2 + 15^2 + 26^1 = 31 + 63 + 132 + 152 + 261$
$639 := 2^4 + 12^1 + 13^2 + 15^0 + 21^2 = 24 + 121 + 132 + 150 + 212$	$639 := 3^2 + 10^2 + 16^2 + 16^2 + 18^1 = 32 + 102 + 162 + 162 + 181$
$639 := 2^4 + 5^1 + 16^2 + 19^2 + 21^0 = 24 + 51 + 162 + 192 + 210$	$639 := 3^2 + 12^2 + 12^2 + 18^1 + 18^2 = 32 + 122 + 122 + 181 + 182$
$639 := 2^4 + 5^2 + 11^0 + 21^1 + 24^2 = 24 + 52 + 110 + 211 + 242$	$639 := 3^2 + 3^4 + 15^0 + 19^1 + 23^2 = 32 + 34 + 150 + 191 + 232$
$639 := 2^4 + 6^2 + 10^1 + 21^0 + 24^2 = 24 + 62 + 101 + 210 + 242$	$639 := 3^2 + 4^3 + 6^2 + 23^2 + 27^0 = 32 + 43 + 62 + 232 + 270$
$639 := 2^4 + 9^1 + 17^0 + 17^2 + 18^2 = 24 + 91 + 170 + 172 + 182$	$639 := 3^2 + 4^3 + 9^2 + 22^2 + 25^0 = 32 + 43 + 92 + 222 + 250$
$639 := 2^4 + 9^2 + 12^1 + 17^0 + 23^2 = 24 + 92 + 121 + 170 + 232$	$639 := 3^2 + 4^4 + 12^1 + 19^2 + 25^0 = 32 + 44 + 121 + 192 + 250$
$639 := 2^5 + 10^0 + 11^2 + 18^0 + 22^2 = 25 + 100 + 112 + 180 + 222$	$639 := 3^2 + 9^2 + 13^2 + 19^1 + 19^2 = 32 + 92 + 132 + 191 + 192$
$639 := 2^5 + 11^0 + 11^2 + 17^0 + 22^2 = 25 + 110 + 112 + 170 + 222$	$639 := 3^3 + 10^1 + 10^2 + 18^1 + 22^2 = 33 + 101 + 102 + 181 + 222$
$639 := 2^5 + 11^2 + 12^0 + 16^0 + 22^2 = 25 + 112 + 120 + 160 + 222$	$639 := 3^3 + 10^1 + 12^2 + 17^1 + 21^2 = 33 + 101 + 122 + 171 + 212$
$639 := 2^5 + 11^2 + 13^0 + 15^0 + 22^2 = 25 + 112 + 130 + 150 + 222$	$639 := 3^3 + 10^1 + 15^2 + 16^1 + 19^2 = 33 + 101 + 152 + 161 + 192$
$639 := 2^5 + 11^2 + 14^0 + 14^0 + 22^2 = 25 + 112 + 140 + 140 + 222$	$639 := 3^3 + 10^2 + 11^1 + 17^1 + 22^2 = 33 + 102 + 111 + 171 + 222$
$639 := 2^5 + 3^0 + 11^2 + 22^2 + 25^0 = 25 + 30 + 112 + 222 + 250$	$639 := 3^3 + 10^2 + 12^1 + 16^1 + 22^2 = 33 + 102 + 121 + 161 + 222$
$639 := 2^5 + 3^1 + 7^0 + 24^2 + 27^1 = 25 + 31 + 70 + 242 + 271$	$639 := 3^3 + 10^2 + 13^1 + 15^1 + 22^2 = 33 + 102 + 131 + 151 + 222$

$$\begin{aligned} 639 &:= 3^3 + 10^2 + 14^1 + 14^1 + 22^2 = 33 + 102 + 141 + 141 + 222 & 639 &:= 3^3 + 8^3 + 9^2 + 18^1 + 25^0 = 33 + 83 + 92 + 181 + 250 \\ 639 &:= 3^3 + 11^1 + 12^2 + 16^1 + 21^2 = 33 + 111 + 122 + 161 + 212 & 639 &:= 3^3 + 9^1 + 10^2 + 19^1 + 22^2 = 33 + 91 + 102 + 191 + 222 \\ 639 &:= 3^3 + 11^1 + 15^1 + 15^2 + 19^2 = 33 + 111 + 151 + 152 + 192 & 639 &:= 3^3 + 9^1 + 12^2 + 18^1 + 21^2 = 33 + 91 + 122 + 181 + 212 \\ 639 &:= 3^3 + 12^1 + 12^2 + 15^1 + 21^2 = 33 + 121 + 122 + 151 + 212 & 639 &:= 3^3 + 9^1 + 15^2 + 17^1 + 19^2 = 33 + 91 + 152 + 171 + 192 \\ 639 &:= 3^3 + 12^1 + 14^1 + 15^2 + 19^2 = 33 + 121 + 141 + 152 + 192 & 639 &:= 3^3 + 9^2 + 13^2 + 19^0 + 19^2 = 33 + 92 + 132 + 190 + 192 \\ 639 &:= 3^3 + 12^2 + 13^1 + 14^1 + 21^2 = 33 + 122 + 131 + 141 + 212 & 639 &:= 3^4 + 10^2 + 13^0 + 16^1 + 21^2 = 34 + 102 + 130 + 161 + 212 \\ 639 &:= 3^3 + 13^1 + 13^1 + 15^2 + 19^2 = 33 + 131 + 131 + 152 + 192 & 639 &:= 3^4 + 12^1 + 15^0 + 16^2 + 17^2 = 34 + 121 + 150 + 162 + 172 \\ 639 &:= 3^3 + 3^3 + 8^1 + 24^2 + 25^0 = 33 + 33 + 81 + 242 + 250 & 639 &:= 3^4 + 12^2 + 13^1 + 15^0 + 20^2 = 34 + 122 + 131 + 150 + 202 \\ 639 &:= 3^3 + 3^4 + 10^0 + 23^2 + 24^0 = 33 + 34 + 100 + 232 + 240 & 639 &:= 3^4 + 4^2 + 12^1 + 21^0 + 23^2 = 34 + 42 + 121 + 210 + 232 \\ 639 &:= 3^3 + 3^4 + 11^0 + 23^0 + 23^2 = 33 + 34 + 110 + 230 + 232 & 639 &:= 3^4 + 7^0 + 7^2 + 22^2 + 24^1 = 34 + 70 + 72 + 222 + 241 \\ 639 &:= 3^3 + 3^4 + 12^0 + 22^0 + 23^2 = 33 + 34 + 120 + 220 + 232 & 639 &:= 3^4 + 7^0 + 8^3 + 18^1 + 27^1 = 34 + 70 + 83 + 181 + 271 \\ 639 &:= 3^3 + 3^4 + 13^0 + 21^0 + 23^2 = 33 + 34 + 130 + 210 + 232 & 639 &:= 3^4 + 7^0 + 8^3 + 19^1 + 26^1 = 34 + 70 + 83 + 191 + 261 \\ 639 &:= 3^3 + 3^4 + 14^0 + 20^0 + 23^2 = 33 + 34 + 140 + 200 + 232 & 639 &:= 3^4 + 7^0 + 8^3 + 20^1 + 25^1 = 34 + 70 + 83 + 201 + 251 \\ 639 &:= 3^3 + 3^4 + 15^0 + 19^0 + 23^2 = 33 + 34 + 150 + 190 + 232 & 639 &:= 3^4 + 7^0 + 8^3 + 21^1 + 24^1 = 34 + 70 + 83 + 211 + 241 \\ 639 &:= 3^3 + 3^4 + 16^0 + 18^0 + 23^2 = 33 + 34 + 160 + 180 + 232 & 639 &:= 3^4 + 7^0 + 8^3 + 22^1 + 23^1 = 34 + 70 + 83 + 221 + 231 \\ 639 &:= 3^3 + 3^4 + 17^0 + 17^0 + 23^2 = 33 + 34 + 170 + 170 + 232 & 639 &:= 3^4 + 8^1 + 15^2 + 18^2 + 19^0 = 34 + 81 + 152 + 182 + 190 \\ 639 &:= 3^3 + 3^4 + 7^0 + 23^2 + 27^0 = 33 + 34 + 70 + 232 + 270 & 639 &:= 3^4 + 8^2 + 9^1 + 21^0 + 22^2 = 34 + 82 + 91 + 210 + 222 \\ 639 &:= 3^3 + 3^4 + 8^0 + 23^2 + 26^0 = 33 + 34 + 80 + 232 + 260 & 639 &:= 3^5 + 10^0 + 13^2 + 15^2 + 22^0 = 35 + 100 + 132 + 152 + 220 \\ 639 &:= 3^3 + 3^4 + 9^0 + 23^2 + 25^0 = 33 + 34 + 90 + 232 + 250 & 639 &:= 3^5 + 11^0 + 13^2 + 15^2 + 21^0 = 35 + 110 + 132 + 152 + 210 \\ 639 &:= 3^3 + 4^1 + 10^2 + 22^2 + 24^1 = 33 + 41 + 102 + 222 + 241 & 639 &:= 3^5 + 12^0 + 13^2 + 15^2 + 20^0 = 35 + 120 + 132 + 152 + 200 \\ 639 &:= 3^3 + 4^1 + 12^2 + 21^2 + 23^1 = 33 + 41 + 122 + 212 + 231 & 639 &:= 3^5 + 13^0 + 13^2 + 15^2 + 19^0 = 35 + 130 + 132 + 152 + 190 \\ 639 &:= 3^3 + 4^1 + 15^2 + 19^2 + 22^1 = 33 + 41 + 152 + 192 + 221 & 639 &:= 3^5 + 13^2 + 14^0 + 15^2 + 18^0 = 35 + 132 + 140 + 152 + 180 \\ 639 &:= 3^3 + 4^3 + 15^0 + 18^1 + 23^2 = 33 + 43 + 150 + 181 + 232 & 639 &:= 3^5 + 13^2 + 15^0 + 15^2 + 17^0 = 35 + 132 + 150 + 152 + 170 \\ 639 &:= 3^3 + 5^1 + 10^2 + 22^2 + 23^1 = 33 + 51 + 102 + 222 + 231 & 639 &:= 3^5 + 13^2 + 15^2 + 16^0 + 16^0 = 35 + 132 + 152 + 160 + 160 \\ 639 &:= 3^3 + 5^1 + 12^2 + 21^2 + 22^1 = 33 + 51 + 122 + 212 + 221 & 639 &:= 3^5 + 5^0 + 13^2 + 15^2 + 27^0 = 35 + 50 + 132 + 152 + 270 \\ 639 &:= 3^3 + 5^1 + 15^2 + 19^2 + 21^1 = 33 + 51 + 152 + 192 + 211 & 639 &:= 3^5 + 6^0 + 13^2 + 15^2 + 26^0 = 35 + 60 + 132 + 152 + 260 \\ 639 &:= 3^3 + 5^2 + 15^2 + 19^2 + 21^0 = 33 + 52 + 152 + 192 + 210 & 639 &:= 3^5 + 7^0 + 10^1 + 19^2 + 24^1 = 35 + 70 + 101 + 192 + 241 \\ 639 &:= 3^3 + 6^1 + 10^2 + 22^1 + 22^2 = 33 + 61 + 102 + 221 + 222 & 639 &:= 3^5 + 7^0 + 11^1 + 19^2 + 23^1 = 35 + 70 + 111 + 192 + 231 \\ 639 &:= 3^3 + 6^1 + 12^2 + 21^1 + 21^2 = 33 + 61 + 122 + 211 + 212 & 639 &:= 3^5 + 7^0 + 12^1 + 19^2 + 22^1 = 35 + 70 + 121 + 192 + 221 \\ 639 &:= 3^3 + 6^1 + 15^2 + 19^2 + 20^1 = 33 + 61 + 152 + 192 + 201 & 639 &:= 3^5 + 7^0 + 13^1 + 19^2 + 21^1 = 35 + 70 + 131 + 192 + 211 \\ 639 &:= 3^3 + 7^1 + 10^2 + 21^1 + 22^2 = 33 + 71 + 102 + 211 + 222 & 639 &:= 3^5 + 7^0 + 13^2 + 15^2 + 25^0 = 35 + 70 + 132 + 152 + 250 \\ 639 &:= 3^3 + 7^1 + 12^2 + 20^1 + 21^2 = 33 + 71 + 122 + 201 + 212 & 639 &:= 3^5 + 7^0 + 14^1 + 19^2 + 20^1 = 35 + 70 + 141 + 192 + 201 \\ 639 &:= 3^3 + 7^1 + 15^2 + 19^1 + 19^2 = 33 + 71 + 152 + 191 + 192 & 639 &:= 3^5 + 7^0 + 15^1 + 19^1 + 19^2 = 35 + 70 + 151 + 191 + 192 \\ 639 &:= 3^3 + 7^2 + 11^2 + 21^0 + 21^2 = 33 + 72 + 112 + 210 + 212 & 639 &:= 3^5 + 7^0 + 16^1 + 18^1 + 19^2 = 35 + 70 + 161 + 181 + 192 \\ 639 &:= 3^3 + 7^3 + 12^1 + 16^2 + 25^0 = 33 + 73 + 121 + 162 + 250 & 639 &:= 3^5 + 7^0 + 17^1 + 17^1 + 19^2 = 35 + 70 + 171 + 171 + 192 \\ 639 &:= 3^3 + 8^1 + 10^2 + 20^1 + 22^2 = 33 + 81 + 102 + 201 + 222 & 639 &:= 3^5 + 7^0 + 7^1 + 19^2 + 27^1 = 35 + 70 + 71 + 192 + 271 \\ 639 &:= 3^3 + 8^1 + 12^2 + 19^1 + 21^2 = 33 + 81 + 122 + 191 + 212 & 639 &:= 3^5 + 7^0 + 8^1 + 19^2 + 26^1 = 35 + 70 + 81 + 192 + 261 \\ 639 &:= 3^3 + 8^1 + 15^2 + 18^1 + 19^2 = 33 + 81 + 152 + 181 + 192 & 639 &:= 3^5 + 7^0 + 9^1 + 19^2 + 25^1 = 35 + 70 + 91 + 192 + 251 \end{aligned}$$

$639 := 3^5 + 8^0 + 13^2 + 15^2 + 24^0 = 35 + 80 + 132 + 152 + 240$	$639 := 4^4 + 6^2 + 13^0 + 18^2 + 22^1 = 44 + 62 + 130 + 182 + 221$
$639 := 3^5 + 9^0 + 13^2 + 15^2 + 23^0 = 35 + 90 + 132 + 152 + 230$	$639 := 4^4 + 7^0 + 10^2 + 16^2 + 26^1 = 44 + 70 + 102 + 162 + 261$
$639 := 4^1 + 4^3 + 15^2 + 18^2 + 22^1 = 41 + 43 + 152 + 182 + 221$	$639 := 4^4 + 7^2 + 9^1 + 18^2 + 25^0 = 44 + 72 + 91 + 182 + 250$
$639 := 4^1 + 6^3 + 13^2 + 15^2 + 25^1 = 41 + 63 + 132 + 152 + 251$	$639 := 4^4 + 7^3 + 12^1 + 13^0 + 27^1 = 44 + 73 + 121 + 130 + 271$
$639 := 4^2 + 10^2 + 12^2 + 18^1 + 19^2 = 42 + 102 + 122 + 181 + 192$	$639 := 4^4 + 7^3 + 13^0 + 13^1 + 26^1 = 44 + 73 + 130 + 131 + 261$
$639 := 4^2 + 11^2 + 14^2 + 17^1 + 17^2 = 42 + 112 + 142 + 171 + 172$	$639 := 4^4 + 7^3 + 13^0 + 14^1 + 25^1 = 44 + 73 + 130 + 141 + 251$
$639 := 4^2 + 4^2 + 10^2 + 22^2 + 23^1 = 42 + 42 + 102 + 222 + 231$	$639 := 4^4 + 7^3 + 13^0 + 15^1 + 24^1 = 44 + 73 + 130 + 151 + 241$
$639 := 4^2 + 4^2 + 12^2 + 21^2 + 22^1 = 42 + 42 + 122 + 212 + 221$	$639 := 4^4 + 7^3 + 13^0 + 16^1 + 23^1 = 44 + 73 + 130 + 161 + 231$
$639 := 4^2 + 4^2 + 15^2 + 19^2 + 21^1 = 42 + 42 + 152 + 192 + 211$	$639 := 4^4 + 7^3 + 13^0 + 17^1 + 22^1 = 44 + 73 + 130 + 171 + 221$
$639 := 4^2 + 5^2 + 17^2 + 17^2 + 20^1 = 42 + 52 + 172 + 172 + 201$	$639 := 4^4 + 7^3 + 13^0 + 18^1 + 21^1 = 44 + 73 + 130 + 181 + 211$
$639 := 4^2 + 6^2 + 9^2 + 22^1 + 22^2 = 42 + 62 + 92 + 221 + 222$	$639 := 4^4 + 7^3 + 13^0 + 19^1 + 20^1 = 44 + 73 + 130 + 191 + 201$
$639 := 4^2 + 9^2 + 9^2 + 20^1 + 21^2 = 42 + 92 + 92 + 201 + 212$	$639 := 4^4 + 9^2 + 12^1 + 17^2 + 21^0 = 44 + 92 + 121 + 172 + 210$
$639 := 4^3 + 10^1 + 15^2 + 16^1 + 18^2 = 43 + 101 + 152 + 161 + 182$	$639 := 5^1 + 6^3 + 13^2 + 15^2 + 24^1 = 51 + 63 + 132 + 152 + 241$
$639 := 4^3 + 11^1 + 15^1 + 15^2 + 18^2 = 43 + 111 + 151 + 152 + 182$	$639 := 5^2 + 5^2 + 13^2 + 20^1 + 20^2 = 52 + 52 + 132 + 201 + 202$
$639 := 4^3 + 12^1 + 14^1 + 15^2 + 18^2 = 43 + 121 + 141 + 152 + 182$	$639 := 5^2 + 5^2 + 6^2 + 23^2 + 24^1 = 52 + 52 + 62 + 232 + 241$
$639 := 4^3 + 13^1 + 13^1 + 15^2 + 18^2 = 43 + 131 + 131 + 152 + 182$	$639 := 5^2 + 6^2 + 6^3 + 19^2 + 27^0 = 52 + 62 + 63 + 192 + 270$
$639 := 4^3 + 4^3 + 7^0 + 22^2 + 26^1 = 43 + 43 + 70 + 222 + 261$	$639 := 5^3 + 11^2 + 14^2 + 14^2 + 19^0 = 53 + 112 + 142 + 142 + 190$
$639 := 4^3 + 5^1 + 15^2 + 18^2 + 21^1 = 43 + 51 + 152 + 182 + 211$	$639 := 5^3 + 12^2 + 12^2 + 15^2 + 19^0 = 53 + 122 + 122 + 152 + 190$
$639 := 4^3 + 5^2 + 15^2 + 18^2 + 21^0 = 43 + 52 + 152 + 182 + 210$	$639 := 5^3 + 5^3 + 7^0 + 19^2 + 27^1 = 53 + 53 + 70 + 192 + 271$
$639 := 4^3 + 5^3 + 8^1 + 21^2 + 25^0 = 43 + 53 + 81 + 212 + 250$	$639 := 5^3 + 6^2 + 6^2 + 21^2 + 25^0 = 53 + 62 + 62 + 212 + 250$
$639 := 4^3 + 6^1 + 15^2 + 18^2 + 20^1 = 43 + 61 + 152 + 182 + 201$	$639 := 5^3 + 6^3 + 8^1 + 17^2 + 27^0 = 53 + 63 + 81 + 172 + 270$
$639 := 4^3 + 6^2 + 8^3 + 19^0 + 26^1 = 43 + 62 + 83 + 190 + 261$	$639 := 5^3 + 7^2 + 8^2 + 20^2 + 23^0 = 53 + 72 + 82 + 202 + 230$
$639 := 4^3 + 7^1 + 15^2 + 18^2 + 19^1 = 43 + 71 + 152 + 182 + 191$	$639 := 5^3 + 7^3 + 12^2 + 13^0 + 26^1 = 53 + 73 + 122 + 130 + 261$
$639 := 4^3 + 8^1 + 15^2 + 18^1 + 18^2 = 43 + 81 + 152 + 181 + 182$	$639 := 6^1 + 6^3 + 13^2 + 15^2 + 23^1 = 61 + 63 + 132 + 152 + 231$
$639 := 4^3 + 9^1 + 15^2 + 17^1 + 18^2 = 43 + 91 + 152 + 171 + 182$	$639 := 6^2 + 14^2 + 14^2 + 14^2 + 15^1 = 62 + 142 + 142 + 142 + 151$
$639 := 4^3 + 9^2 + 13^2 + 18^2 + 19^0 = 43 + 92 + 132 + 182 + 190$	$639 := 6^2 + 6^2 + 15^2 + 18^1 + 18^2 = 62 + 62 + 152 + 181 + 182$
$639 := 4^4 + 12^2 + 13^1 + 15^2 + 19^0 = 44 + 122 + 131 + 152 + 190$	$639 := 6^2 + 7^2 + 7^2 + 21^1 + 22^2 = 62 + 72 + 72 + 211 + 222$
$639 := 4^4 + 13^2 + 14^2 + 15^0 + 17^1 = 44 + 132 + 142 + 150 + 171$	$639 := 6^2 + 7^2 + 8^3 + 15^1 + 27^1 = 62 + 72 + 83 + 151 + 271$
$639 := 4^4 + 5^1 + 11^2 + 16^2 + 27^0 = 44 + 51 + 112 + 162 + 270$	$639 := 6^2 + 7^2 + 8^3 + 16^1 + 26^1 = 62 + 72 + 83 + 161 + 261$
$639 := 4^4 + 5^3 + 11^0 + 16^2 + 27^0 = 44 + 53 + 110 + 162 + 270$	$639 := 6^2 + 7^2 + 8^3 + 17^1 + 25^1 = 62 + 72 + 83 + 171 + 251$
$639 := 4^4 + 5^3 + 12^0 + 16^2 + 26^0 = 44 + 53 + 120 + 162 + 260$	$639 := 6^2 + 7^2 + 8^3 + 18^1 + 24^1 = 62 + 72 + 83 + 181 + 241$
$639 := 4^4 + 5^3 + 13^0 + 16^2 + 25^0 = 44 + 53 + 130 + 162 + 250$	$639 := 6^2 + 7^2 + 8^3 + 19^1 + 23^1 = 62 + 72 + 83 + 191 + 231$
$639 := 4^4 + 5^3 + 14^0 + 16^2 + 24^0 = 44 + 53 + 140 + 162 + 240$	$639 := 6^2 + 7^2 + 8^3 + 20^1 + 22^1 = 62 + 72 + 83 + 201 + 221$
$639 := 4^4 + 5^3 + 15^0 + 16^2 + 23^0 = 44 + 53 + 150 + 162 + 230$	$639 := 6^2 + 7^2 + 8^3 + 21^1 + 21^1 = 62 + 72 + 83 + 211 + 211$
$639 := 4^4 + 5^3 + 16^0 + 16^2 + 22^0 = 44 + 53 + 160 + 162 + 220$	$639 := 6^2 + 7^3 + 10^1 + 15^2 + 25^1 = 62 + 73 + 101 + 152 + 251$
$639 := 4^4 + 5^3 + 16^2 + 17^0 + 21^0 = 44 + 53 + 162 + 170 + 210$	$639 := 6^2 + 7^3 + 11^1 + 15^2 + 24^1 = 62 + 73 + 111 + 152 + 241$
$639 := 4^4 + 5^3 + 16^2 + 18^0 + 20^0 = 44 + 53 + 162 + 180 + 200$	$639 := 6^2 + 7^3 + 12^1 + 15^2 + 23^1 = 62 + 73 + 121 + 152 + 231$
$639 := 4^4 + 5^3 + 16^2 + 19^0 + 19^0 = 44 + 53 + 162 + 190 + 190$	$639 := 6^2 + 7^3 + 13^1 + 15^2 + 22^1 = 62 + 73 + 131 + 152 + 221$

$$\begin{aligned}
 639 &:= 6^2 + 7^3 + 14^1 + 15^2 + 21^1 = 62 + 73 + 141 + 152 + 211 \\
 639 &:= 6^2 + 7^3 + 15^1 + 15^2 + 20^1 = 62 + 73 + 151 + 152 + 201 \\
 639 &:= 6^2 + 7^3 + 15^2 + 16^1 + 19^1 = 62 + 73 + 152 + 161 + 191 \\
 639 &:= 6^2 + 7^3 + 15^2 + 17^1 + 18^1 = 62 + 73 + 152 + 171 + 181 \\
 639 &:= 6^2 + 7^3 + 8^1 + 15^2 + 27^1 = 62 + 73 + 81 + 152 + 271 \\
 639 &:= 6^2 + 7^3 + 9^1 + 15^2 + 26^1 = 62 + 73 + 91 + 152 + 261 \\
 639 &:= 6^2 + 8^2 + 11^2 + 18^1 + 20^2 = 62 + 82 + 112 + 181 + 202 \\
 639 &:= 6^2 + 9^2 + 12^2 + 17^1 + 19^2 = 62 + 92 + 122 + 171 + 192 \\
 639 &:= 6^3 + 10^1 + 13^2 + 15^2 + 19^1 = 63 + 101 + 132 + 152 + 191 \\
 639 &:= 6^3 + 11^1 + 13^2 + 15^2 + 18^1 = 63 + 111 + 132 + 152 + 181 \\
 639 &:= 6^3 + 12^1 + 13^2 + 15^2 + 17^1 = 63 + 121 + 132 + 152 + 171 \\
 639 &:= 6^3 + 13^1 + 13^2 + 15^2 + 16^1 = 63 + 131 + 132 + 152 + 161 \\
 639 &:= 6^3 + 13^2 + 14^1 + 15^1 + 15^2 = 63 + 132 + 141 + 151 + 152
 \end{aligned}$$

$$\begin{aligned}
 639 &:= 6^3 + 6^3 + 10^1 + 14^2 + 27^0 = 63 + 63 + 101 + 142 + 270 \\
 639 &:= 6^3 + 7^1 + 13^2 + 15^2 + 22^1 = 63 + 71 + 132 + 152 + 221 \\
 639 &:= 6^3 + 7^2 + 7^2 + 18^2 + 25^0 = 63 + 72 + 72 + 182 + 250 \\
 639 &:= 6^3 + 7^3 + 8^2 + 15^1 + 27^0 = 63 + 73 + 82 + 151 + 270 \\
 639 &:= 6^3 + 8^1 + 13^2 + 15^2 + 21^1 = 63 + 81 + 132 + 152 + 211 \\
 639 &:= 6^3 + 9^1 + 13^2 + 15^2 + 20^1 = 63 + 91 + 132 + 152 + 201 \\
 639 &:= 7^2 + 7^2 + 9^2 + 19^1 + 21^2 = 72 + 72 + 92 + 191 + 212 \\
 639 &:= 7^2 + 9^2 + 13^2 + 16^1 + 18^2 = 72 + 92 + 132 + 161 + 182 \\
 639 &:= 8^2 + 13^2 + 14^1 + 14^2 + 14^2 = 82 + 132 + 141 + 142 + 142 \\
 639 &:= 9^2 + 12^2 + 12^2 + 14^1 + 16^2 = 92 + 122 + 122 + 141 + 162 \\
 639 &:= 9^2 + 9^2 + 10^2 + 16^1 + 19^2 = 92 + 92 + 102 + 161 + 192
 \end{aligned}$$

2.2.541 Number 640

$$\begin{aligned}
 640 &:= 1^5 + 5^4 + 13^1 + 44^0 = 15 + 54 + 131 + 440 \\
 640 &:= 1^7 + 13^1 + 24^0 + 25^2 = 17 + 131 + 240 + 252 \\
 640 &:= 2^7 + 12^0 + 22^2 + 27^1 = 27 + 120 + 222 + 271 \\
 640 &:= 1^0 + 1^6 + 14^2 + 21^2 + 26^0 = 10 + 16 + 142 + 212 + 260 \\
 640 &:= 1^0 + 1^7 + 12^1 + 24^0 + 25^2 = 10 + 17 + 121 + 240 + 252 \\
 640 &:= 1^0 + 2^7 + 12^0 + 22^2 + 26^1 = 10 + 27 + 120 + 222 + 261 \\
 640 &:= 1^1 + 1^5 + 14^2 + 21^2 + 26^0 = 11 + 15 + 142 + 212 + 260 \\
 640 &:= 1^1 + 1^6 + 12^1 + 24^0 + 25^2 = 11 + 16 + 121 + 240 + 252 \\
 640 &:= 1^2 + 1^4 + 14^2 + 21^2 + 26^0 = 12 + 14 + 142 + 212 + 260 \\
 640 &:= 1^2 + 1^5 + 12^1 + 24^0 + 25^2 = 12 + 15 + 121 + 240 + 252 \\
 640 &:= 1^2 + 3^4 + 14^2 + 19^2 + 26^0 = 12 + 34 + 142 + 192 + 260 \\
 640 &:= 1^3 + 1^3 + 14^2 + 21^2 + 26^0 = 13 + 13 + 142 + 212 + 260 \\
 640 &:= 1^3 + 1^4 + 12^1 + 24^0 + 25^2 = 13 + 14 + 121 + 240 + 252 \\
 640 &:= 1^3 + 4^4 + 18^0 + 19^2 + 21^1 = 13 + 44 + 180 + 192 + 211 \\
 640 &:= 1^4 + 3^2 + 10^2 + 23^2 + 26^0 = 14 + 32 + 102 + 232 + 260 \\
 640 &:= 1^4 + 5^2 + 17^2 + 18^2 + 22^0 = 14 + 52 + 172 + 182 + 220 \\
 640 &:= 1^4 + 5^3 + 8^3 + 22^0 + 27^0 = 14 + 53 + 83 + 220 + 270 \\
 640 &:= 1^4 + 5^3 + 8^3 + 23^0 + 26^0 = 14 + 53 + 83 + 230 + 260 \\
 640 &:= 1^4 + 5^3 + 8^3 + 24^0 + 25^0 = 14 + 53 + 83 + 240 + 250 \\
 640 &:= 1^4 + 6^3 + 14^0 + 20^2 + 22^1 = 14 + 63 + 140 + 202 + 221 \\
 640 &:= 1^4 + 8^3 + 10^2 + 18^0 + 26^1 = 14 + 83 + 102 + 180 + 261 \\
 640 &:= 1^4 + 9^2 + 14^2 + 19^2 + 20^0 = 14 + 92 + 142 + 192 + 200 \\
 640 &:= 1^5 + 10^1 + 12^2 + 18^0 + 22^2 = 15 + 101 + 122 + 180 + 222
 \end{aligned}$$

$$\begin{aligned}
 640 &:= 1^5 + 13^1 + 14^0 + 15^2 + 20^2 = 15 + 131 + 140 + 152 + 202 \\
 640 &:= 1^5 + 2^0 + 17^2 + 18^2 + 25^1 = 15 + 20 + 172 + 182 + 251 \\
 640 &:= 1^5 + 2^2 + 9^1 + 25^2 + 26^0 = 15 + 22 + 91 + 252 + 260 \\
 640 &:= 1^5 + 5^4 + 12^1 + 18^0 + 27^0 = 15 + 54 + 121 + 180 + 270 \\
 640 &:= 1^5 + 5^4 + 12^1 + 19^0 + 26^0 = 15 + 54 + 121 + 190 + 260 \\
 640 &:= 1^5 + 5^4 + 12^1 + 20^0 + 25^0 = 15 + 54 + 121 + 200 + 250 \\
 640 &:= 1^5 + 5^4 + 12^1 + 21^0 + 24^0 = 15 + 54 + 121 + 210 + 240 \\
 640 &:= 1^5 + 5^4 + 12^1 + 22^0 + 23^0 = 15 + 54 + 121 + 220 + 230 \\
 640 &:= 1^5 + 6^0 + 16^2 + 19^2 + 21^1 = 15 + 60 + 162 + 192 + 211 \\
 640 &:= 1^5 + 6^0 + 6^2 + 24^2 + 26^1 = 15 + 60 + 62 + 242 + 261 \\
 640 &:= 1^5 + 7^2 + 13^1 + 18^0 + 24^2 = 15 + 72 + 131 + 180 + 242 \\
 640 &:= 1^5 + 9^1 + 10^2 + 20^0 + 23^2 = 15 + 91 + 102 + 200 + 232 \\
 640 &:= 1^6 + 1^9 + 17^2 + 18^2 + 25^1 = 16 + 19 + 172 + 182 + 251 \\
 640 &:= 1^6 + 10^0 + 14^2 + 17^0 + 21^2 = 16 + 100 + 142 + 170 + 212 \\
 640 &:= 1^6 + 11^0 + 14^2 + 16^0 + 21^2 = 16 + 110 + 142 + 160 + 212 \\
 640 &:= 1^6 + 12^0 + 14^2 + 15^0 + 21^2 = 16 + 120 + 142 + 150 + 212 \\
 640 &:= 1^6 + 13^0 + 14^0 + 14^2 + 21^2 = 16 + 130 + 140 + 142 + 212 \\
 640 &:= 1^6 + 2^0 + 14^2 + 21^2 + 25^0 = 16 + 20 + 142 + 212 + 250 \\
 640 &:= 1^6 + 2^1 + 11^1 + 24^0 + 25^2 = 16 + 21 + 111 + 240 + 252 \\
 640 &:= 1^6 + 3^0 + 14^2 + 21^2 + 24^0 = 16 + 30 + 142 + 212 + 240 \\
 640 &:= 1^6 + 3^1 + 10^1 + 24^0 + 25^2 = 16 + 31 + 101 + 240 + 252 \\
 640 &:= 1^6 + 4^0 + 14^2 + 21^2 + 23^0 = 16 + 40 + 142 + 212 + 230 \\
 640 &:= 1^6 + 4^1 + 9^1 + 24^0 + 25^2 = 16 + 41 + 91 + 240 + 252
 \end{aligned}$$

$$\begin{aligned} 640 &:= 1^6 + 5^0 + 14^2 + 21^2 + 22^0 = 16 + 50 + 142 + 212 + 220 & 640 &:= 2^5 + 3^2 + 12^0 + 22^1 + 24^2 = 25 + 32 + 120 + 221 + 242 \\ 640 &:= 1^6 + 5^1 + 8^1 + 24^0 + 25^2 = 16 + 51 + 81 + 240 + 252 & 640 &:= 2^5 + 4^2 + 15^1 + 18^0 + 24^2 = 25 + 42 + 151 + 180 + 242 \\ 640 &:= 1^6 + 6^0 + 14^2 + 21^0 + 21^2 = 16 + 60 + 142 + 210 + 212 & 640 &:= 2^5 + 5^2 + 6^1 + 24^2 + 26^0 = 25 + 52 + 61 + 242 + 260 \\ 640 &:= 1^6 + 6^1 + 7^1 + 24^0 + 25^2 = 16 + 61 + 71 + 240 + 252 & 640 &:= 2^5 + 6^0 + 10^2 + 22^2 + 23^1 = 25 + 60 + 102 + 222 + 231 \\ 640 &:= 1^6 + 7^0 + 14^2 + 20^0 + 21^2 = 16 + 70 + 142 + 200 + 212 & 640 &:= 2^5 + 6^0 + 12^2 + 21^2 + 22^1 = 25 + 60 + 122 + 212 + 221 \\ 640 &:= 1^6 + 8^0 + 14^2 + 19^0 + 21^2 = 16 + 80 + 142 + 190 + 212 & 640 &:= 2^5 + 6^0 + 15^2 + 19^2 + 21^1 = 25 + 60 + 152 + 192 + 211 \\ 640 &:= 1^6 + 9^0 + 14^2 + 18^0 + 21^2 = 16 + 90 + 142 + 180 + 212 & 640 &:= 2^5 + 8^2 + 14^1 + 16^0 + 23^2 = 25 + 82 + 141 + 160 + 232 \\ 640 &:= 1^7 + 1^8 + 17^2 + 18^2 + 25^1 = 17 + 18 + 172 + 182 + 251 & 640 &:= 2^7 + 3^0 + 10^0 + 22^2 + 26^1 = 27 + 30 + 100 + 222 + 261 \\ 640 &:= 1^7 + 1^9 + 14^2 + 21^2 + 25^0 = 17 + 19 + 142 + 212 + 250 & 640 &:= 2^7 + 4^0 + 9^0 + 22^2 + 26^1 = 27 + 40 + 90 + 222 + 261 \\ 640 &:= 1^7 + 10^0 + 12^1 + 15^0 + 25^2 = 17 + 100 + 121 + 150 + 252 & 640 &:= 2^7 + 5^0 + 8^0 + 22^2 + 26^1 = 27 + 50 + 80 + 222 + 261 \\ 640 &:= 1^7 + 11^0 + 12^1 + 14^0 + 25^2 = 17 + 110 + 121 + 140 + 252 & 640 &:= 2^7 + 6^0 + 7^0 + 22^2 + 26^1 = 27 + 60 + 70 + 222 + 261 \\ 640 &:= 1^7 + 12^0 + 12^1 + 13^0 + 25^2 = 17 + 120 + 121 + 130 + 252 & 640 &:= 3^2 + 3^4 + 15^2 + 18^2 + 24^0 = 32 + 34 + 152 + 182 + 240 \\ 640 &:= 1^7 + 2^0 + 12^1 + 23^0 + 25^2 = 17 + 20 + 121 + 230 + 252 & 640 &:= 3^2 + 3^5 + 12^0 + 19^2 + 26^1 = 32 + 35 + 120 + 192 + 261 \\ 640 &:= 1^7 + 3^0 + 12^1 + 22^0 + 25^2 = 17 + 30 + 121 + 220 + 252 & 640 &:= 3^3 + 3^3 + 12^2 + 21^2 + 24^0 = 33 + 33 + 122 + 212 + 240 \\ 640 &:= 1^7 + 4^0 + 12^1 + 21^0 + 25^2 = 17 + 40 + 121 + 210 + 252 & 640 &:= 3^3 + 4^3 + 8^2 + 22^2 + 26^0 = 33 + 43 + 82 + 222 + 260 \\ 640 &:= 1^7 + 5^0 + 12^1 + 20^0 + 25^2 = 17 + 50 + 121 + 200 + 252 & 640 &:= 3^4 + 10^2 + 13^2 + 17^2 + 20^0 = 34 + 102 + 132 + 172 + 200 \\ 640 &:= 1^7 + 6^0 + 12^1 + 19^0 + 25^2 = 17 + 60 + 121 + 190 + 252 & 640 &:= 3^4 + 4^3 + 10^1 + 22^2 + 24^0 = 34 + 43 + 101 + 222 + 240 \\ 640 &:= 1^7 + 7^0 + 12^1 + 18^0 + 25^2 = 17 + 70 + 121 + 180 + 252 & 640 &:= 3^4 + 5^2 + 7^2 + 22^2 + 26^0 = 34 + 52 + 72 + 222 + 260 \\ 640 &:= 1^7 + 8^0 + 12^1 + 17^0 + 25^2 = 17 + 80 + 121 + 170 + 252 & 640 &:= 3^4 + 5^2 + 8^3 + 21^1 + 26^0 = 34 + 52 + 83 + 211 + 260 \\ 640 &:= 1^7 + 9^0 + 12^1 + 16^0 + 25^2 = 17 + 90 + 121 + 160 + 252 & 640 &:= 3^4 + 6^2 + 9^2 + 21^2 + 24^0 = 34 + 62 + 92 + 212 + 240 \\ 640 &:= 1^8 + 1^8 + 14^2 + 21^2 + 25^0 = 18 + 18 + 142 + 212 + 250 & 640 &:= 3^4 + 6^3 + 18^0 + 18^1 + 18^2 = 34 + 63 + 180 + 181 + 182 \\ 640 &:= 1^8 + 1^9 + 12^1 + 23^0 + 25^2 = 18 + 19 + 121 + 230 + 252 & 640 &:= 3^4 + 7^3 + 14^2 + 19^1 + 20^0 = 34 + 73 + 142 + 191 + 200 \\ 640 &:= 1^8 + 2^9 + 10^2 + 23^0 + 26^1 = 18 + 29 + 102 + 230 + 261 & 640 &:= 3^5 + 11^2 + 14^0 + 16^2 + 19^1 = 35 + 112 + 140 + 162 + 191 \\ 640 &:= 1^8 + 2^9 + 5^3 + 27^0 + 27^0 = 18 + 29 + 53 + 270 + 270 & 640 &:= 3^5 + 4^2 + 18^0 + 19^1 + 19^2 = 35 + 42 + 180 + 191 + 192 \\ 640 &:= 1^9 + 2^6 + 15^2 + 18^2 + 26^1 = 19 + 26 + 152 + 182 + 261 & 640 &:= 3^5 + 5^2 + 10^1 + 19^2 + 26^0 = 35 + 52 + 101 + 192 + 260 \\ 640 &:= 1^9 + 2^8 + 19^0 + 19^2 + 21^1 = 19 + 28 + 190 + 192 + 211 & 640 &:= 3^5 + 6^0 + 12^2 + 15^2 + 27^1 = 35 + 60 + 122 + 152 + 271 \\ 640 &:= 2^0 + 2^7 + 11^0 + 22^2 + 26^1 = 20 + 27 + 110 + 222 + 261 & 640 &:= 3^5 + 7^1 + 10^2 + 17^2 + 26^0 = 35 + 71 + 102 + 172 + 260 \\ 640 &:= 2^1 + 2^5 + 11^2 + 22^2 + 26^0 = 21 + 25 + 112 + 222 + 260 & 640 &:= 3^5 + 7^2 + 12^0 + 18^2 + 23^1 = 35 + 72 + 120 + 182 + 231 \\ 640 &:= 2^2 + 2^5 + 8^0 + 24^2 + 27^1 = 22 + 25 + 80 + 242 + 271 & 640 &:= 3^5 + 8^0 + 9^2 + 17^2 + 26^1 = 35 + 80 + 92 + 172 + 261 \\ 640 &:= 2^3 + 3^4 + 14^0 + 21^1 + 23^2 = 23 + 34 + 140 + 211 + 232 & 640 &:= 3^5 + 8^1 + 8^2 + 18^2 + 26^0 = 35 + 81 + 82 + 182 + 260 \\ 640 &:= 2^3 + 4^4 + 14^1 + 19^2 + 24^0 = 23 + 44 + 141 + 192 + 240 & 640 &:= 4^2 + 4^4 + 7^3 + 24^0 + 24^1 = 42 + 44 + 73 + 240 + 241 \\ 640 &:= 2^4 + 3^3 + 14^0 + 20^1 + 24^2 = 24 + 33 + 140 + 201 + 242 & 640 &:= 4^3 + 5^3 + 15^2 + 15^2 + 24^0 = 43 + 53 + 152 + 152 + 240 \\ 640 &:= 2^4 + 5^3 + 14^1 + 20^0 + 22^2 = 24 + 53 + 141 + 200 + 222 & 640 &:= 4^4 + 6^3 + 12^2 + 18^0 + 23^1 = 44 + 63 + 122 + 180 + 231 \\ 640 &:= 2^4 + 7^3 + 14^0 + 16^2 + 24^1 = 24 + 73 + 140 + 162 + 241 & 640 &:= 5^3 + 5^3 + 10^2 + 17^2 + 26^0 = 53 + 53 + 102 + 172 + 260 \\ 640 &:= 2^5 + 11^1 + 14^2 + 16^0 + 20^2 = 25 + 111 + 142 + 160 + 202 \end{aligned}$$

2.2.542 Number 641

$$\begin{aligned} 641 &:= 1^6 + 17^2 + 18^2 + 27^1 = 16 + 172 + 182 + 271 & 641 &:= 1^5 + 3^1 + 9^2 + 23^2 + 27^1 = 15 + 31 + 92 + 232 + 271 \\ 641 &:= 1^6 + 5^4 + 14^1 + 43^0 = 16 + 54 + 141 + 430 & 641 &:= 1^5 + 4^1 + 17^2 + 18^2 + 23^1 = 15 + 41 + 172 + 182 + 231 \\ 641 &:= 1^6 + 9^2 + 23^2 + 30^1 = 16 + 92 + 232 + 301 & 641 &:= 1^5 + 4^1 + 9^2 + 23^2 + 26^1 = 15 + 41 + 92 + 232 + 261 \\ 641 &:= 1^8 + 14^1 + 23^0 + 25^2 = 18 + 141 + 230 + 252 & 641 &:= 1^5 + 5^1 + 17^2 + 18^2 + 22^1 = 15 + 51 + 172 + 182 + 221 \\ 641 &:= 2^2 + 3^5 + 7^3 + 51^1 = 22 + 35 + 73 + 511 & 641 &:= 1^5 + 5^1 + 9^2 + 23^2 + 25^1 = 15 + 51 + 92 + 232 + 251 \\ 641 &:= 2^4 + 4^3 + 8^3 + 49^1 = 24 + 43 + 83 + 491 & 641 &:= 1^5 + 6^1 + 17^2 + 18^2 + 21^1 = 15 + 61 + 172 + 182 + 211 \\ 641 &:= 2^6 + 15^2 + 18^2 + 28^1 = 26 + 152 + 182 + 281 & 641 &:= 1^5 + 6^1 + 9^2 + 23^2 + 24^1 = 15 + 61 + 92 + 232 + 241 \\ 641 &:= 2^6 + 2^6 + 2^9 + 56^0 = 26 + 26 + 29 + 560 & 641 &:= 1^5 + 6^3 + 13^0 + 20^2 + 23^1 = 15 + 63 + 130 + 202 + 231 \\ 641 &:= 2^6 + 8^2 + 8^3 + 45^0 = 26 + 82 + 83 + 450 & 641 &:= 1^5 + 7^1 + 17^2 + 18^2 + 20^1 = 15 + 71 + 172 + 182 + 201 \\ 641 &:= 2^7 + 16^2 + 16^2 + 29^0 = 27 + 162 + 162 + 290 & 641 &:= 1^5 + 7^1 + 9^2 + 23^1 + 23^2 = 15 + 71 + 92 + 231 + 232 \\ 641 &:= 2^8 + 19^0 + 19^2 + 23^1 = 28 + 190 + 192 + 231 & 641 &:= 1^5 + 8^1 + 17^2 + 18^2 + 19^1 = 15 + 81 + 172 + 182 + 191 \\ 641 &:= 1^0 + 1^6 + 17^2 + 18^2 + 26^1 = 10 + 16 + 172 + 182 + 261 & 641 &:= 1^5 + 8^1 + 9^2 + 22^1 + 23^2 = 15 + 81 + 92 + 221 + 232 \\ 641 &:= 1^0 + 1^8 + 13^1 + 23^0 + 25^2 = 10 + 18 + 131 + 230 + 252 & 641 &:= 1^5 + 8^3 + 10^2 + 17^0 + 27^1 = 15 + 83 + 102 + 170 + 271 \\ 641 &:= 1^0 + 2^6 + 15^2 + 18^2 + 27^1 = 10 + 26 + 152 + 182 + 271 & 641 &:= 1^5 + 9^1 + 17^2 + 18^1 + 18^2 = 15 + 91 + 172 + 181 + 182 \\ 641 &:= 1^0 + 2^8 + 19^0 + 19^2 + 22^1 = 10 + 28 + 190 + 192 + 221 & 641 &:= 1^5 + 9^1 + 9^2 + 21^1 + 23^2 = 15 + 91 + 92 + 211 + 232 \\ 641 &:= 1^1 + 1^5 + 17^2 + 18^2 + 26^1 = 11 + 15 + 172 + 182 + 261 & 641 &:= 1^5 + 9^2 + 10^1 + 20^1 + 23^2 = 15 + 92 + 101 + 201 + 232 \\ 641 &:= 1^1 + 1^7 + 13^1 + 23^0 + 25^2 = 11 + 17 + 131 + 230 + 252 & 641 &:= 1^5 + 9^2 + 11^1 + 19^1 + 23^2 = 15 + 92 + 111 + 191 + 232 \\ 641 &:= 1^1 + 2^7 + 11^0 + 22^2 + 27^1 = 11 + 27 + 110 + 222 + 271 & 641 &:= 1^5 + 9^2 + 12^1 + 18^1 + 23^2 = 15 + 92 + 121 + 181 + 232 \\ 641 &:= 1^2 + 1^4 + 17^2 + 18^2 + 26^1 = 12 + 14 + 172 + 182 + 261 & 641 &:= 1^5 + 9^2 + 13^1 + 17^1 + 23^2 = 15 + 92 + 131 + 171 + 232 \\ 641 &:= 1^2 + 1^6 + 13^1 + 23^0 + 25^2 = 12 + 16 + 131 + 230 + 252 & 641 &:= 1^5 + 9^2 + 14^1 + 16^1 + 23^2 = 15 + 92 + 141 + 161 + 232 \\ 641 &:= 1^3 + 1^3 + 17^2 + 18^2 + 26^1 = 13 + 13 + 172 + 182 + 261 & 641 &:= 1^5 + 9^2 + 15^1 + 15^1 + 23^2 = 15 + 92 + 151 + 151 + 232 \\ 641 &:= 1^3 + 1^5 + 13^1 + 23^0 + 25^2 = 13 + 15 + 131 + 230 + 252 & 641 &:= 1^6 + 10^1 + 10^2 + 19^0 + 23^2 = 16 + 101 + 102 + 190 + 232 \\ 641 &:= 1^3 + 2^3 + 11^2 + 22^2 + 27^1 = 13 + 23 + 112 + 222 + 271 & 641 &:= 1^6 + 11^1 + 12^2 + 17^0 + 22^2 = 16 + 111 + 122 + 170 + 222 \\ 641 &:= 1^4 + 1^4 + 13^1 + 23^0 + 25^2 = 14 + 14 + 131 + 230 + 252 & 641 &:= 1^6 + 13^0 + 14^1 + 15^2 + 20^2 = 16 + 130 + 141 + 152 + 202 \\ 641 &:= 1^4 + 10^2 + 14^2 + 18^2 + 20^1 = 14 + 102 + 142 + 182 + 201 & 641 &:= 1^6 + 2^1 + 14^2 + 21^2 + 25^0 = 16 + 21 + 142 + 212 + 250 \\ 641 &:= 1^4 + 13^2 + 14^2 + 16^2 + 19^1 = 14 + 132 + 142 + 162 + 191 & 641 &:= 1^6 + 2^2 + 10^1 + 25^0 + 25^2 = 16 + 22 + 101 + 250 + 252 \\ 641 &:= 1^4 + 2^2 + 13^2 + 21^2 + 26^1 = 14 + 22 + 132 + 212 + 261 & 641 &:= 1^6 + 5^0 + 16^2 + 19^2 + 22^1 = 16 + 50 + 162 + 192 + 221 \\ 641 &:= 1^4 + 3^2 + 11^2 + 22^2 + 26^1 = 14 + 32 + 112 + 222 + 261 & 641 &:= 1^6 + 5^0 + 6^2 + 24^2 + 27^1 = 16 + 50 + 62 + 242 + 271 \\ 641 &:= 1^4 + 4^4 + 17^0 + 19^2 + 22^1 = 14 + 44 + 170 + 192 + 221 & 641 &:= 1^6 + 5^4 + 13^1 + 17^0 + 27^0 = 16 + 54 + 131 + 170 + 270 \\ 641 &:= 1^4 + 5^3 + 15^2 + 17^2 + 25^0 = 14 + 53 + 152 + 172 + 250 & 641 &:= 1^6 + 5^4 + 13^1 + 18^0 + 26^0 = 16 + 54 + 131 + 180 + 260 \\ 641 &:= 1^4 + 6^2 + 7^2 + 23^2 + 26^1 = 14 + 62 + 72 + 232 + 261 & 641 &:= 1^6 + 5^4 + 13^1 + 19^0 + 25^0 = 16 + 54 + 131 + 190 + 250 \\ 641 &:= 1^4 + 7^2 + 13^2 + 20^2 + 22^1 = 14 + 72 + 132 + 202 + 221 & 641 &:= 1^6 + 5^4 + 13^1 + 20^0 + 24^0 = 16 + 54 + 131 + 200 + 240 \\ 641 &:= 1^5 + 10^1 + 17^1 + 17^2 + 18^2 = 15 + 101 + 171 + 172 + 182 & 641 &:= 1^6 + 5^4 + 13^1 + 21^0 + 23^0 = 16 + 54 + 131 + 210 + 230 \\ 641 &:= 1^5 + 11^1 + 16^1 + 17^2 + 18^2 = 15 + 111 + 161 + 172 + 182 & 641 &:= 1^6 + 5^4 + 13^1 + 22^0 + 22^0 = 16 + 54 + 131 + 220 + 220 \\ 641 &:= 1^5 + 12^1 + 15^1 + 17^2 + 18^2 = 15 + 121 + 151 + 172 + 182 & 641 &:= 1^6 + 7^2 + 14^1 + 17^0 + 24^2 = 16 + 72 + 141 + 170 + 242 \\ 641 &:= 1^5 + 13^1 + 14^1 + 17^2 + 18^2 = 15 + 131 + 141 + 172 + 182 & 641 &:= 1^7 + 2^1 + 12^1 + 23^0 + 25^2 = 17 + 21 + 121 + 230 + 252 \\ 641 &:= 1^5 + 2^1 + 17^2 + 18^2 + 25^1 = 15 + 21 + 172 + 182 + 251 & 641 &:= 1^7 + 3^1 + 11^1 + 23^0 + 25^2 = 17 + 31 + 111 + 230 + 252 \\ 641 &:= 1^5 + 3^1 + 17^2 + 18^2 + 24^1 = 15 + 31 + 172 + 182 + 241 & 641 &:= 1^7 + 4^1 + 10^1 + 23^0 + 25^2 = 17 + 41 + 101 + 230 + 252 \end{aligned}$$

$$\begin{aligned} 641 &:= 1^7 + 5^1 + 9^1 + 23^0 + 25^2 = 17 + 51 + 91 + 230 + 252 & 641 &:= 2^5 + 7^1 + 7^2 + 23^2 + 24^1 = 25 + 71 + 72 + 232 + 241 \\ 641 &:= 1^7 + 6^1 + 8^1 + 23^0 + 25^2 = 17 + 61 + 81 + 230 + 252 & 641 &:= 2^5 + 7^2 + 10^1 + 21^1 + 23^2 = 25 + 72 + 101 + 211 + 232 \\ 641 &:= 1^7 + 7^1 + 7^1 + 23^0 + 25^2 = 17 + 71 + 71 + 230 + 252 & 641 &:= 2^5 + 7^2 + 11^1 + 20^1 + 23^2 = 25 + 72 + 111 + 201 + 232 \\ 641 &:= 1^8 + 10^0 + 13^1 + 14^0 + 25^2 = 18 + 100 + 131 + 140 + 252 & 641 &:= 2^5 + 7^2 + 12^1 + 19^1 + 23^2 = 25 + 72 + 121 + 191 + 232 \\ 641 &:= 1^8 + 11^0 + 13^0 + 13^1 + 25^2 = 18 + 110 + 130 + 131 + 252 & 641 &:= 2^5 + 7^2 + 13^1 + 18^1 + 23^2 = 25 + 72 + 131 + 181 + 232 \\ 641 &:= 1^8 + 12^0 + 12^0 + 13^1 + 25^2 = 18 + 120 + 120 + 131 + 252 & 641 &:= 2^5 + 7^2 + 14^1 + 17^1 + 23^2 = 25 + 72 + 141 + 171 + 232 \\ 641 &:= 1^8 + 2^0 + 13^1 + 22^0 + 25^2 = 18 + 20 + 131 + 220 + 252 & 641 &:= 2^5 + 7^2 + 15^1 + 16^1 + 23^2 = 25 + 72 + 151 + 161 + 232 \\ 641 &:= 1^8 + 3^0 + 13^1 + 21^0 + 25^2 = 18 + 30 + 131 + 210 + 252 & 641 &:= 2^5 + 7^2 + 8^1 + 23^1 + 23^2 = 25 + 72 + 81 + 231 + 232 \\ 641 &:= 1^8 + 4^0 + 13^1 + 20^0 + 25^2 = 18 + 40 + 131 + 200 + 252 & 641 &:= 2^5 + 7^2 + 9^1 + 22^1 + 23^2 = 25 + 72 + 91 + 221 + 232 \\ 641 &:= 1^8 + 5^0 + 13^1 + 19^0 + 25^2 = 18 + 50 + 131 + 190 + 252 & 641 &:= 2^5 + 8^2 + 12^2 + 20^2 + 21^0 = 25 + 82 + 122 + 202 + 210 \\ 641 &:= 1^8 + 6^0 + 13^1 + 18^0 + 25^2 = 18 + 60 + 131 + 180 + 252 & 641 &:= 2^6 + 11^2 + 14^1 + 15^0 + 21^2 = 26 + 112 + 141 + 150 + 212 \\ 641 &:= 1^8 + 7^0 + 13^1 + 17^0 + 25^2 = 18 + 70 + 131 + 170 + 252 & 641 &:= 2^6 + 5^2 + 11^0 + 22^1 + 23^2 = 26 + 52 + 110 + 221 + 232 \\ 641 &:= 1^8 + 8^0 + 13^1 + 16^0 + 25^2 = 18 + 80 + 131 + 160 + 252 & 641 &:= 2^6 + 6^2 + 11^1 + 21^0 + 23^2 = 26 + 62 + 111 + 210 + 232 \\ 641 &:= 1^8 + 9^0 + 13^1 + 15^0 + 25^2 = 18 + 90 + 131 + 150 + 252 & 641 &:= 2^6 + 7^1 + 13^2 + 20^2 + 21^0 = 26 + 71 + 132 + 202 + 210 \\ 641 &:= 1^9 + 1^9 + 13^1 + 22^0 + 25^2 = 19 + 19 + 131 + 220 + 252 & 641 &:= 2^6 + 9^0 + 14^2 + 19^1 + 19^2 = 26 + 90 + 142 + 191 + 192 \\ 641 &:= 1^9 + 2^9 + 10^2 + 22^0 + 27^1 = 19 + 29 + 102 + 220 + 271 & 641 &:= 2^6 + 9^2 + 11^1 + 19^0 + 22^2 = 26 + 92 + 111 + 190 + 222 \\ 641 &:= 2^0 + 2^8 + 18^0 + 19^2 + 22^1 = 20 + 28 + 180 + 192 + 221 & 641 &:= 2^7 + 10^1 + 11^0 + 18^1 + 22^2 = 27 + 101 + 110 + 181 + 222 \\ 641 &:= 2^1 + 2^7 + 11^0 + 22^2 + 26^1 = 21 + 27 + 110 + 222 + 261 & 641 &:= 2^7 + 11^0 + 11^1 + 17^1 + 22^2 = 27 + 110 + 111 + 171 + 222 \\ 641 &:= 2^2 + 2^4 + 14^2 + 20^2 + 25^1 = 22 + 24 + 142 + 202 + 251 & 641 &:= 2^7 + 11^0 + 12^1 + 16^1 + 22^2 = 27 + 110 + 121 + 161 + 222 \\ 641 &:= 2^2 + 3^4 + 13^2 + 19^2 + 26^1 = 22 + 34 + 132 + 192 + 261 & 641 &:= 2^7 + 11^0 + 13^1 + 15^1 + 22^2 = 27 + 110 + 131 + 151 + 222 \\ 641 &:= 2^3 + 2^5 + 11^0 + 24^1 + 24^2 = 23 + 25 + 110 + 241 + 242 & 641 &:= 2^7 + 11^0 + 14^1 + 14^1 + 22^2 = 27 + 110 + 141 + 141 + 222 \\ 641 &:= 2^3 + 4^3 + 12^2 + 20^2 + 25^1 = 23 + 43 + 122 + 202 + 251 & 641 &:= 2^7 + 3^1 + 11^0 + 22^2 + 25^1 = 27 + 31 + 110 + 222 + 251 \\ 641 &:= 2^3 + 4^3 + 16^2 + 17^2 + 24^1 = 23 + 43 + 162 + 172 + 241 & 641 &:= 2^7 + 4^1 + 11^0 + 22^2 + 24^1 = 27 + 41 + 110 + 222 + 241 \\ 641 &:= 2^3 + 5^3 + 11^2 + 19^2 + 26^1 = 23 + 53 + 112 + 192 + 261 & 641 &:= 2^7 + 5^1 + 11^0 + 22^2 + 23^1 = 27 + 51 + 110 + 222 + 231 \\ 641 &:= 2^3 + 5^3 + 9^2 + 20^2 + 27^1 = 23 + 53 + 92 + 202 + 271 & 641 &:= 2^7 + 6^1 + 11^0 + 22^1 + 22^2 = 27 + 61 + 110 + 221 + 222 \\ 641 &:= 2^4 + 10^2 + 12^2 + 19^2 + 20^1 = 24 + 102 + 122 + 192 + 201 & 641 &:= 2^7 + 7^1 + 11^0 + 21^1 + 22^2 = 27 + 71 + 110 + 211 + 222 \\ 641 &:= 2^4 + 11^2 + 14^2 + 17^2 + 19^1 = 24 + 112 + 142 + 172 + 191 & 641 &:= 2^7 + 8^1 + 11^0 + 20^1 + 22^2 = 27 + 81 + 110 + 201 + 222 \\ 641 &:= 2^4 + 3^4 + 14^1 + 21^0 + 23^2 = 24 + 34 + 141 + 210 + 232 & 641 &:= 2^7 + 9^1 + 11^0 + 19^1 + 22^2 = 27 + 91 + 110 + 191 + 222 \\ 641 &:= 2^4 + 4^2 + 10^2 + 22^2 + 25^1 = 24 + 42 + 102 + 222 + 251 & 641 &:= 2^8 + 10^0 + 10^0 + 19^2 + 22^1 = 28 + 100 + 100 + 192 + 221 \\ 641 &:= 2^4 + 4^2 + 12^2 + 21^2 + 24^1 = 24 + 42 + 122 + 212 + 241 & 641 &:= 2^8 + 3^0 + 17^0 + 19^2 + 22^1 = 28 + 30 + 170 + 192 + 221 \\ 641 &:= 2^4 + 4^2 + 15^2 + 19^2 + 23^1 = 24 + 42 + 152 + 192 + 231 & 641 &:= 2^8 + 4^0 + 16^0 + 19^2 + 22^1 = 28 + 40 + 160 + 192 + 221 \\ 641 &:= 2^4 + 5^2 + 17^2 + 17^2 + 22^1 = 24 + 52 + 172 + 172 + 221 & 641 &:= 2^8 + 5^0 + 15^0 + 19^2 + 22^1 = 28 + 50 + 150 + 192 + 221 \\ 641 &:= 2^4 + 6^2 + 9^2 + 22^2 + 24^1 = 24 + 62 + 92 + 222 + 241 & 641 &:= 2^8 + 6^0 + 14^0 + 19^2 + 22^1 = 28 + 60 + 140 + 192 + 221 \\ 641 &:= 2^4 + 9^2 + 9^2 + 21^2 + 22^1 = 24 + 92 + 92 + 212 + 221 & 641 &:= 2^8 + 7^0 + 13^0 + 19^2 + 22^1 = 28 + 70 + 130 + 192 + 221 \\ 641 &:= 2^5 + 4^1 + 7^2 + 23^2 + 27^1 = 25 + 41 + 72 + 232 + 271 & 641 &:= 2^8 + 8^0 + 12^0 + 19^2 + 22^1 = 28 + 80 + 120 + 192 + 221 \\ 641 &:= 2^5 + 4^3 + 15^1 + 19^0 + 23^2 = 25 + 43 + 151 + 190 + 232 & 641 &:= 2^8 + 9^0 + 11^0 + 19^2 + 22^1 = 28 + 90 + 110 + 192 + 221 \\ 641 &:= 2^5 + 5^1 + 7^2 + 23^2 + 26^1 = 25 + 51 + 72 + 232 + 261 & 641 &:= 3^3 + 3^3 + 11^2 + 21^2 + 25^1 = 33 + 33 + 112 + 212 + 251 \\ 641 &:= 2^5 + 6^1 + 7^2 + 23^2 + 25^1 = 25 + 61 + 72 + 232 + 251 & 641 &:= 3^4 + 4^2 + 14^2 + 18^2 + 24^1 = 34 + 42 + 142 + 182 + 241 \end{aligned}$$

$$\begin{aligned}
 641 &:= 3^4 + 4^4 + 14^1 + 17^2 + 25^0 = 34 + 44 + 141 + 172 + 250 \\
 641 &:= 3^4 + 5^2 + 16^2 + 16^2 + 23^1 = 34 + 52 + 162 + 162 + 231 \\
 641 &:= 3^4 + 5^3 + 10^1 + 20^2 + 25^1 = 34 + 53 + 101 + 202 + 251 \\
 641 &:= 3^4 + 5^3 + 11^1 + 20^2 + 24^1 = 34 + 53 + 111 + 202 + 241 \\
 641 &:= 3^4 + 5^3 + 12^1 + 20^2 + 23^1 = 34 + 53 + 121 + 202 + 231 \\
 641 &:= 3^4 + 5^3 + 13^1 + 20^2 + 22^1 = 34 + 53 + 131 + 202 + 221 \\
 641 &:= 3^4 + 5^3 + 14^1 + 20^2 + 21^1 = 34 + 53 + 141 + 202 + 211 \\
 641 &:= 3^4 + 5^3 + 15^1 + 20^1 + 20^2 = 34 + 53 + 151 + 201 + 202 \\
 641 &:= 3^4 + 5^3 + 16^1 + 19^1 + 20^2 = 34 + 53 + 161 + 191 + 202 \\
 641 &:= 3^4 + 5^3 + 17^1 + 18^1 + 20^2 = 34 + 53 + 171 + 181 + 202 \\
 641 &:= 3^4 + 5^3 + 8^1 + 20^2 + 27^1 = 34 + 53 + 81 + 202 + 271 \\
 641 &:= 3^4 + 5^3 + 9^1 + 20^2 + 26^1 = 34 + 53 + 91 + 202 + 261 \\
 641 &:= 3^4 + 6^2 + 10^2 + 20^2 + 24^1 = 34 + 62 + 102 + 202 + 241 \\
 641 &:= 3^4 + 9^2 + 13^2 + 17^2 + 21^1 = 34 + 92 + 132 + 172 + 211 \\
 641 &:= 3^5 + 10^1 + 13^2 + 14^2 + 23^1 = 35 + 101 + 132 + 142 + 231
 \end{aligned}$$

$$\begin{aligned}
 641 &:= 3^5 + 11^1 + 13^2 + 14^2 + 22^1 = 35 + 111 + 132 + 142 + 221 \\
 641 &:= 3^5 + 12^1 + 13^2 + 14^2 + 21^1 = 35 + 121 + 132 + 142 + 211 \\
 641 &:= 3^5 + 13^1 + 13^2 + 14^2 + 20^1 = 35 + 131 + 132 + 142 + 201 \\
 641 &:= 3^5 + 13^2 + 14^1 + 14^2 + 19^1 = 35 + 132 + 141 + 142 + 191 \\
 641 &:= 3^5 + 13^2 + 14^2 + 15^1 + 18^1 = 35 + 132 + 142 + 151 + 181 \\
 641 &:= 3^5 + 13^2 + 14^2 + 16^1 + 17^1 = 35 + 132 + 142 + 161 + 171 \\
 641 &:= 3^5 + 5^3 + 16^1 + 16^2 + 23^0 = 35 + 53 + 161 + 162 + 230 \\
 641 &:= 3^5 + 6^1 + 13^2 + 14^2 + 27^1 = 35 + 61 + 132 + 142 + 271 \\
 641 &:= 3^5 + 7^1 + 13^2 + 14^2 + 26^1 = 35 + 71 + 132 + 142 + 261 \\
 641 &:= 3^5 + 8^1 + 13^2 + 14^2 + 25^1 = 35 + 81 + 132 + 142 + 251 \\
 641 &:= 3^5 + 9^1 + 13^2 + 14^2 + 24^1 = 35 + 91 + 132 + 142 + 241 \\
 641 &:= 4^3 + 5^3 + 8^2 + 19^2 + 27^1 = 43 + 53 + 82 + 192 + 271 \\
 641 &:= 4^4 + 9^2 + 9^2 + 14^2 + 27^1 = 44 + 92 + 92 + 142 + 271 \\
 641 &:= 5^3 + 5^3 + 13^2 + 14^2 + 26^1 = 53 + 53 + 132 + 142 + 261
 \end{aligned}$$

2.2.543 Number 642

$$\begin{aligned}
 642 &:= 1^2 + 2^7 + 8^3 + 52^0 = 12 + 27 + 83 + 520 \\
 642 &:= 1^4 + 2^6 + 24^2 + 36^0 = 14 + 26 + 242 + 360 \\
 642 &:= 1^6 + 2^7 + 2^9 + 57^0 = 16 + 27 + 29 + 570 \\
 642 &:= 1^7 + 4^3 + 24^2 + 34^0 = 17 + 43 + 242 + 340 \\
 642 &:= 1^7 + 5^4 + 15^1 + 42^0 = 17 + 54 + 151 + 420 \\
 642 &:= 1^8 + 8^2 + 24^2 + 30^0 = 18 + 82 + 242 + 300 \\
 642 &:= 1^9 + 15^1 + 22^0 + 25^2 = 19 + 151 + 220 + 252 \\
 642 &:= 2^8 + 7^3 + 12^0 + 42^1 = 28 + 73 + 120 + 421 \\
 642 &:= 2^9 + 10^2 + 22^0 + 29^1 = 29 + 102 + 220 + 291 \\
 642 &:= 2^9 + 4^0 + 9^2 + 48^1 = 29 + 40 + 92 + 481 \\
 642 &:= 2^9 + 8^1 + 11^2 + 42^0 = 29 + 81 + 112 + 420 \\
 642 &:= 1^0 + 1^9 + 14^1 + 22^0 + 25^2 = 10 + 19 + 141 + 220 + 252 \\
 642 &:= 1^1 + 1^8 + 14^1 + 22^0 + 25^2 = 11 + 18 + 141 + 220 + 252 \\
 642 &:= 1^1 + 2^8 + 18^0 + 19^2 + 23^1 = 11 + 28 + 180 + 192 + 231 \\
 642 &:= 1^2 + 1^7 + 14^1 + 22^0 + 25^2 = 12 + 17 + 141 + 220 + 252 \\
 642 &:= 1^3 + 1^6 + 14^1 + 22^0 + 25^2 = 13 + 16 + 141 + 220 + 252 \\
 642 &:= 1^4 + 1^5 + 14^1 + 22^0 + 25^2 = 14 + 15 + 141 + 220 + 252 \\
 642 &:= 1^5 + 3^3 + 17^2 + 18^2 + 24^0 = 15 + 33 + 172 + 182 + 240 \\
 642 &:= 1^5 + 4^4 + 16^0 + 19^2 + 23^1 = 15 + 44 + 160 + 192 + 231 \\
 642 &:= 1^6 + 6^3 + 12^0 + 20^2 + 24^1 = 16 + 63 + 120 + 202 + 241
 \end{aligned}$$

$$\begin{aligned}
 642 &:= 1^7 + 10^2 + 11^1 + 18^0 + 23^2 = 17 + 102 + 111 + 180 + 232 \\
 642 &:= 1^7 + 12^0 + 15^1 + 15^2 + 20^2 = 17 + 120 + 151 + 152 + 202 \\
 642 &:= 1^7 + 12^1 + 12^2 + 16^0 + 22^2 = 17 + 121 + 122 + 160 + 222 \\
 642 &:= 1^7 + 2^2 + 11^1 + 24^0 + 25^2 = 17 + 22 + 111 + 240 + 252 \\
 642 &:= 1^7 + 3^1 + 14^2 + 21^2 + 24^0 = 17 + 31 + 142 + 212 + 240 \\
 642 &:= 1^7 + 4^0 + 16^2 + 19^2 + 23^1 = 17 + 40 + 162 + 192 + 231 \\
 642 &:= 1^7 + 5^4 + 14^1 + 16^0 + 27^0 = 17 + 54 + 141 + 160 + 270 \\
 642 &:= 1^7 + 5^4 + 14^1 + 17^0 + 26^0 = 17 + 54 + 141 + 170 + 260 \\
 642 &:= 1^7 + 5^4 + 14^1 + 18^0 + 25^0 = 17 + 54 + 141 + 180 + 250 \\
 642 &:= 1^7 + 5^4 + 14^1 + 19^0 + 24^0 = 17 + 54 + 141 + 190 + 240 \\
 642 &:= 1^7 + 5^4 + 14^1 + 20^0 + 23^0 = 17 + 54 + 141 + 200 + 230 \\
 642 &:= 1^7 + 5^4 + 14^1 + 21^0 + 22^0 = 17 + 54 + 141 + 210 + 220 \\
 642 &:= 1^7 + 7^2 + 15^1 + 16^0 + 24^2 = 17 + 72 + 151 + 160 + 242 \\
 642 &:= 1^8 + 2^1 + 13^1 + 22^0 + 25^2 = 18 + 21 + 131 + 220 + 252 \\
 642 &:= 1^8 + 3^1 + 12^1 + 22^0 + 25^2 = 18 + 31 + 121 + 220 + 252 \\
 642 &:= 1^8 + 4^1 + 11^1 + 22^0 + 25^2 = 18 + 41 + 111 + 220 + 252 \\
 642 &:= 1^8 + 5^1 + 10^1 + 22^0 + 25^2 = 18 + 51 + 101 + 220 + 252 \\
 642 &:= 1^8 + 6^1 + 9^1 + 22^0 + 25^2 = 18 + 61 + 91 + 220 + 252 \\
 642 &:= 1^8 + 7^1 + 8^1 + 22^0 + 25^2 = 18 + 71 + 81 + 220 + 252 \\
 642 &:= 1^9 + 10^0 + 13^0 + 14^1 + 25^2 = 19 + 100 + 130 + 141 + 252
 \end{aligned}$$

$$\begin{aligned}
 642 &:= 1^9 + 11^0 + 12^0 + 14^1 + 25^2 = 19 + 110 + 120 + 141 + 252 \\
 642 &:= 1^9 + 2^0 + 14^1 + 21^0 + 25^2 = 19 + 20 + 141 + 210 + 252 \\
 642 &:= 1^9 + 3^0 + 14^1 + 20^0 + 25^2 = 19 + 30 + 141 + 200 + 252 \\
 642 &:= 1^9 + 4^0 + 14^1 + 19^0 + 25^2 = 19 + 40 + 141 + 190 + 252 \\
 642 &:= 1^9 + 5^0 + 14^1 + 18^0 + 25^2 = 19 + 50 + 141 + 180 + 252 \\
 642 &:= 1^9 + 6^0 + 14^1 + 17^0 + 25^2 = 19 + 60 + 141 + 170 + 252 \\
 642 &:= 1^9 + 7^0 + 14^1 + 16^0 + 25^2 = 19 + 70 + 141 + 160 + 252 \\
 642 &:= 1^9 + 8^0 + 14^1 + 15^0 + 25^2 = 19 + 80 + 141 + 150 + 252 \\
 642 &:= 1^9 + 9^0 + 14^0 + 14^1 + 25^2 = 19 + 90 + 140 + 141 + 252 \\
 642 &:= 2^1 + 2^8 + 18^0 + 19^2 + 22^1 = 21 + 28 + 180 + 192 + 221 \\
 642 &:= 2^2 + 2^7 + 12^0 + 22^2 + 25^1 = 22 + 27 + 120 + 222 + 251 \\
 642 &:= 2^4 + 2^5 + 17^1 + 18^0 + 24^2 = 24 + 25 + 171 + 180 + 242 \\
 642 &:= 2^4 + 3^4 + 12^2 + 20^2 + 26^0 = 24 + 34 + 122 + 202 + 260 \\
 642 &:= 2^4 + 3^5 + 18^0 + 19^2 + 21^1 = 24 + 35 + 180 + 192 + 211 \\
 642 &:= 2^4 + 4^4 + 7^3 + 24^0 + 26^1 = 24 + 44 + 73 + 240 + 261 \\
 642 &:= 2^5 + 2^5 + 10^0 + 24^2 + 25^0 = 25 + 25 + 100 + 242 + 250 \\
 642 &:= 2^5 + 2^5 + 11^0 + 24^0 + 24^2 = 25 + 25 + 110 + 240 + 242 \\
 642 &:= 2^5 + 2^5 + 12^0 + 23^0 + 24^2 = 25 + 25 + 120 + 230 + 242 \\
 642 &:= 2^5 + 2^5 + 13^0 + 22^0 + 24^2 = 25 + 25 + 130 + 220 + 242 \\
 642 &:= 2^5 + 2^5 + 14^0 + 21^0 + 24^2 = 25 + 25 + 140 + 210 + 242 \\
 642 &:= 2^5 + 2^5 + 15^0 + 20^0 + 24^2 = 25 + 25 + 150 + 200 + 242 \\
 642 &:= 2^5 + 2^5 + 16^0 + 19^0 + 24^2 = 25 + 25 + 160 + 190 + 242 \\
 642 &:= 2^5 + 2^5 + 17^0 + 18^0 + 24^2 = 25 + 25 + 170 + 180 + 242 \\
 642 &:= 2^5 + 2^5 + 8^0 + 24^2 + 27^0 = 25 + 25 + 80 + 242 + 270 \\
 642 &:= 2^5 + 2^5 + 9^0 + 24^2 + 26^0 = 25 + 25 + 90 + 242 + 260 \\
 642 &:= 2^5 + 4^3 + 16^2 + 17^2 + 24^0 = 25 + 43 + 162 + 172 + 240 \\
 642 &:= 2^6 + 12^2 + 12^2 + 17^2 + 20^0 = 26 + 122 + 122 + 172 + 200 \\
 642 &:= 2^6 + 3^3 + 14^0 + 21^1 + 23^2 = 26 + 33 + 140 + 211 + 232 \\
 642 &:= 2^6 + 4^3 + 8^3 + 22^0 + 27^0 = 26 + 43 + 83 + 220 + 270 \\
 642 &:= 2^6 + 4^3 + 8^3 + 23^0 + 26^0 = 26 + 43 + 83 + 230 + 260 \\
 642 &:= 2^6 + 4^3 + 8^3 + 24^0 + 25^0 = 26 + 43 + 83 + 240 + 250 \\
 642 &:= 2^6 + 5^3 + 11^1 + 21^2 + 24^0 = 26 + 53 + 111 + 212 + 240 \\
 642 &:= 2^6 + 6^2 + 10^2 + 21^2 + 24^0 = 26 + 62 + 102 + 212 + 240
 \end{aligned}$$

$$\begin{aligned}
 642 &:= 2^7 + 10^0 + 13^2 + 18^2 + 20^1 = 27 + 100 + 132 + 182 + 201 \\
 642 &:= 2^7 + 10^2 + 13^1 + 18^0 + 20^2 = 27 + 102 + 131 + 180 + 202 \\
 642 &:= 2^7 + 3^2 + 16^0 + 20^1 + 22^2 = 27 + 32 + 160 + 201 + 222 \\
 642 &:= 2^7 + 4^2 + 13^1 + 22^0 + 22^2 = 27 + 42 + 131 + 220 + 222 \\
 642 &:= 2^7 + 7^2 + 10^0 + 21^2 + 23^1 = 27 + 72 + 100 + 212 + 231 \\
 642 &:= 2^7 + 7^3 + 13^2 + 14^0 + 27^0 = 27 + 73 + 132 + 140 + 270 \\
 642 &:= 2^7 + 7^3 + 13^2 + 15^0 + 26^0 = 27 + 73 + 132 + 150 + 260 \\
 642 &:= 2^7 + 7^3 + 13^2 + 16^0 + 25^0 = 27 + 73 + 132 + 160 + 250 \\
 642 &:= 2^7 + 7^3 + 13^2 + 17^0 + 24^0 = 27 + 73 + 132 + 170 + 240 \\
 642 &:= 2^7 + 7^3 + 13^2 + 18^0 + 23^0 = 27 + 73 + 132 + 180 + 230 \\
 642 &:= 2^7 + 7^3 + 13^2 + 19^0 + 22^0 = 27 + 73 + 132 + 190 + 220 \\
 642 &:= 2^7 + 7^3 + 13^2 + 20^0 + 21^0 = 27 + 73 + 132 + 200 + 210 \\
 642 &:= 2^7 + 8^1 + 12^2 + 19^2 + 22^0 = 27 + 81 + 122 + 192 + 220 \\
 642 &:= 2^7 + 8^1 + 8^2 + 21^2 + 24^0 = 27 + 81 + 82 + 212 + 240 \\
 642 &:= 2^8 + 10^1 + 14^1 + 18^0 + 19^2 = 28 + 101 + 141 + 180 + 192 \\
 642 &:= 2^8 + 11^1 + 13^1 + 18^0 + 19^2 = 28 + 111 + 131 + 180 + 192 \\
 642 &:= 2^8 + 12^1 + 12^1 + 18^0 + 19^2 = 28 + 121 + 121 + 180 + 192 \\
 642 &:= 2^8 + 3^1 + 18^0 + 19^2 + 21^1 = 28 + 31 + 180 + 192 + 211 \\
 642 &:= 2^8 + 4^1 + 18^0 + 19^2 + 20^1 = 28 + 41 + 180 + 192 + 201 \\
 642 &:= 2^8 + 5^1 + 18^0 + 19^1 + 19^2 = 28 + 51 + 180 + 191 + 192 \\
 642 &:= 2^8 + 6^1 + 18^0 + 18^1 + 19^2 = 28 + 61 + 180 + 181 + 192 \\
 642 &:= 2^8 + 7^1 + 17^1 + 18^0 + 19^2 = 28 + 71 + 171 + 180 + 192 \\
 642 &:= 2^8 + 8^1 + 16^1 + 18^0 + 19^2 = 28 + 81 + 161 + 180 + 192 \\
 642 &:= 2^8 + 9^1 + 15^1 + 18^0 + 19^2 = 28 + 91 + 151 + 180 + 192 \\
 642 &:= 2^9 + 7^1 + 11^2 + 16^0 + 27^0 = 29 + 71 + 112 + 160 + 270 \\
 642 &:= 2^9 + 7^1 + 11^2 + 17^0 + 26^0 = 29 + 71 + 112 + 170 + 260 \\
 642 &:= 2^9 + 7^1 + 11^2 + 18^0 + 25^0 = 29 + 71 + 112 + 180 + 250 \\
 642 &:= 2^9 + 7^1 + 11^2 + 19^0 + 24^0 = 29 + 71 + 112 + 190 + 240 \\
 642 &:= 2^9 + 7^1 + 11^2 + 20^0 + 23^0 = 29 + 71 + 112 + 200 + 230 \\
 642 &:= 2^9 + 7^1 + 11^2 + 21^0 + 22^0 = 29 + 71 + 112 + 210 + 220 \\
 642 &:= 3^5 + 4^4 + 11^2 + 21^1 + 24^0 = 35 + 44 + 112 + 211 + 240
 \end{aligned}$$

2.2.544 Number 643

$$\begin{aligned}
 643 &:= 17^1 + 22^0 + 25^2 = 171 + 220 + 252 \\
 643 &:= 1^0 + 16^1 + 22^0 + 25^2 = 10 + 161 + 220 + 252 \\
 643 &:= 1^5 + 2^4 + 5^4 + 55^0 = 15 + 24 + 54 + 550
 \end{aligned}$$

$$\begin{aligned}
 643 &:= 1^7 + 2^4 + 25^2 + 35^0 = 17 + 24 + 252 + 350 \\
 643 &:= 1^7 + 4^2 + 5^4 + 53^0 = 17 + 42 + 54 + 530 \\
 643 &:= 1^8 + 5^4 + 16^1 + 41^0 = 18 + 54 + 161 + 410
 \end{aligned}$$

$643 := 1^9 + 4^2 + 25^2 + 33^0$	$= 19 + 42 + 252 + 330$	$643 := 1^5 + 2^6 + 13^0 + 23^0 + 24^2$	$= 15 + 26 + 130 + 230 + 242$
$643 := 10^0 + 13^0 + 16^1 + 25^2$	$= 100 + 130 + 161 + 252$	$643 := 1^5 + 2^6 + 14^0 + 22^0 + 24^2$	$= 15 + 26 + 140 + 220 + 242$
$643 := 11^0 + 12^0 + 16^1 + 25^2$	$= 110 + 120 + 161 + 252$	$643 := 1^5 + 2^6 + 15^0 + 21^0 + 24^2$	$= 15 + 26 + 150 + 210 + 242$
$643 := 2^0 + 16^1 + 21^0 + 25^2$	$= 20 + 161 + 210 + 252$	$643 := 1^5 + 2^6 + 16^0 + 20^0 + 24^2$	$= 15 + 26 + 160 + 200 + 242$
$643 := 2^8 + 5^2 + 18^2 + 38^1$	$= 28 + 52 + 182 + 381$	$643 := 1^5 + 2^6 + 17^0 + 19^0 + 24^2$	$= 15 + 26 + 170 + 190 + 242$
$643 := 2^9 + 3^2 + 11^2 + 47^0$	$= 29 + 32 + 112 + 470$	$643 := 1^5 + 2^6 + 18^0 + 18^0 + 24^2$	$= 15 + 26 + 180 + 180 + 242$
$643 := 2^9 + 5^1 + 5^3 + 51^0$	$= 29 + 51 + 53 + 510$	$643 := 1^5 + 2^6 + 9^0 + 24^2 + 27^0$	$= 15 + 26 + 90 + 242 + 270$
$643 := 2^9 + 7^2 + 9^2 + 45^0$	$= 29 + 72 + 92 + 450$	$643 := 1^6 + 10^2 + 11^2 + 20^2 + 21^1$	$= 16 + 102 + 112 + 202 + 211$
$643 := 3^0 + 16^1 + 20^0 + 25^2$	$= 30 + 161 + 200 + 252$	$643 := 1^6 + 2^2 + 17^2 + 18^2 + 25^1$	$= 16 + 22 + 172 + 182 + 251$
$643 := 4^0 + 16^1 + 19^0 + 25^2$	$= 40 + 161 + 190 + 252$	$643 := 1^6 + 4^4 + 15^0 + 19^2 + 24^1$	$= 16 + 44 + 150 + 192 + 241$
$643 := 5^0 + 16^1 + 18^0 + 25^2$	$= 50 + 161 + 180 + 252$	$643 := 1^6 + 6^3 + 13^2 + 16^2 + 27^0$	$= 16 + 63 + 132 + 162 + 270$
$643 := 6^0 + 16^1 + 17^0 + 25^2$	$= 60 + 161 + 170 + 252$	$643 := 1^6 + 8^2 + 14^2 + 19^2 + 21^1$	$= 16 + 82 + 142 + 192 + 211$
$643 := 7^0 + 16^0 + 16^1 + 25^2$	$= 70 + 160 + 161 + 252$	$643 := 1^7 + 10^2 + 10^2 + 21^0 + 21^2$	$= 17 + 102 + 102 + 210 + 212$
$643 := 8^0 + 15^0 + 16^1 + 25^2$	$= 80 + 150 + 161 + 252$	$643 := 1^7 + 11^2 + 14^2 + 18^2 + 19^0$	$= 17 + 112 + 142 + 182 + 190$
$643 := 9^0 + 14^0 + 16^1 + 25^2$	$= 90 + 140 + 161 + 252$	$643 := 1^7 + 2^2 + 14^2 + 21^2 + 25^0$	$= 17 + 22 + 142 + 212 + 250$
$643 := 1^0 + 1^0 + 15^1 + 22^0 + 25^2$	$= 10 + 10 + 151 + 220 + 252$	$643 := 1^7 + 2^3 + 8^1 + 25^2 + 27^0$	$= 17 + 23 + 81 + 252 + 270$
$643 := 1^0 + 10^0 + 13^0 + 15^1 + 25^2$	$= 10 + 100 + 130 + 151 + 252$	$643 := 1^7 + 4^2 + 15^2 + 20^2 + 23^0$	$= 17 + 42 + 152 + 202 + 230$
$643 := 1^0 + 11^0 + 12^0 + 15^1 + 25^2$	$= 10 + 110 + 120 + 151 + 252$	$643 := 1^7 + 4^2 + 7^2 + 24^2 + 27^0$	$= 17 + 42 + 72 + 242 + 270$
$643 := 1^0 + 2^0 + 15^1 + 21^0 + 25^2$	$= 10 + 20 + 151 + 210 + 252$	$643 := 1^7 + 6^2 + 11^2 + 22^2 + 23^0$	$= 17 + 62 + 112 + 222 + 230$
$643 := 1^0 + 3^0 + 15^1 + 20^0 + 25^2$	$= 10 + 30 + 151 + 200 + 252$	$643 := 1^7 + 6^3 + 11^0 + 20^2 + 25^1$	$= 17 + 63 + 110 + 202 + 251$
$643 := 1^0 + 4^0 + 15^1 + 19^0 + 25^2$	$= 10 + 40 + 151 + 190 + 252$	$643 := 1^8 + 10^2 + 12^1 + 17^0 + 23^2$	$= 18 + 102 + 121 + 170 + 232$
$643 := 1^0 + 5^0 + 15^1 + 18^0 + 25^2$	$= 10 + 50 + 151 + 180 + 252$	$643 := 1^8 + 11^0 + 15^2 + 16^1 + 20^2$	$= 18 + 110 + 152 + 161 + 202$
$643 := 1^0 + 6^0 + 15^1 + 17^0 + 25^2$	$= 10 + 60 + 151 + 170 + 252$	$643 := 1^8 + 12^2 + 13^1 + 15^0 + 22^2$	$= 18 + 122 + 131 + 150 + 222$
$643 := 1^0 + 7^0 + 15^1 + 16^0 + 25^2$	$= 10 + 70 + 151 + 160 + 252$	$643 := 1^8 + 2^2 + 12^1 + 23^0 + 25^2$	$= 18 + 22 + 121 + 230 + 252$
$643 := 1^0 + 8^0 + 15^0 + 15^1 + 25^2$	$= 10 + 80 + 150 + 151 + 252$	$643 := 1^8 + 3^0 + 16^2 + 19^2 + 24^1$	$= 18 + 30 + 162 + 192 + 241$
$643 := 1^0 + 9^0 + 14^0 + 15^1 + 25^2$	$= 10 + 90 + 140 + 151 + 252$	$643 := 1^8 + 3^2 + 7^1 + 25^2 + 27^0$	$= 18 + 32 + 71 + 252 + 270$
$643 := 1^1 + 1^9 + 15^1 + 21^0 + 25^2$	$= 11 + 19 + 151 + 210 + 252$	$643 := 1^8 + 4^1 + 14^2 + 21^2 + 23^0$	$= 18 + 41 + 142 + 212 + 230$
$643 := 1^2 + 1^8 + 15^1 + 21^0 + 25^2$	$= 12 + 18 + 151 + 210 + 252$	$643 := 1^8 + 4^3 + 10^0 + 24^0 + 24^2$	$= 18 + 43 + 100 + 240 + 242$
$643 := 1^2 + 2^8 + 17^0 + 19^2 + 24^1$	$= 12 + 28 + 170 + 192 + 241$	$643 := 1^8 + 4^3 + 11^0 + 23^0 + 24^2$	$= 18 + 43 + 110 + 230 + 242$
$643 := 1^3 + 1^7 + 15^1 + 21^0 + 25^2$	$= 13 + 17 + 151 + 210 + 252$	$643 := 1^8 + 4^3 + 12^0 + 22^0 + 24^2$	$= 18 + 43 + 120 + 220 + 242$
$643 := 1^3 + 2^7 + 8^3 + 25^0 + 27^0$	$= 13 + 27 + 83 + 250 + 270$	$643 := 1^8 + 4^3 + 13^0 + 21^0 + 24^2$	$= 18 + 43 + 130 + 210 + 242$
$643 := 1^3 + 2^7 + 8^3 + 26^0 + 26^0$	$= 13 + 27 + 83 + 260 + 260$	$643 := 1^8 + 4^3 + 14^0 + 20^0 + 24^2$	$= 18 + 43 + 140 + 200 + 242$
$643 := 1^4 + 1^6 + 15^1 + 21^0 + 25^2$	$= 14 + 16 + 151 + 210 + 252$	$643 := 1^8 + 4^3 + 15^0 + 19^0 + 24^2$	$= 18 + 43 + 150 + 190 + 242$
$643 := 1^5 + 1^5 + 15^1 + 21^0 + 25^2$	$= 15 + 15 + 151 + 210 + 252$	$643 := 1^8 + 4^3 + 16^0 + 18^0 + 24^2$	$= 18 + 43 + 160 + 180 + 242$
$643 := 1^5 + 2^4 + 15^2 + 20^2 + 25^0$	$= 15 + 24 + 152 + 202 + 250$	$643 := 1^8 + 4^3 + 17^0 + 17^0 + 24^2$	$= 18 + 43 + 170 + 170 + 242$
$643 := 1^5 + 2^6 + 10^0 + 24^2 + 26^0$	$= 15 + 26 + 100 + 242 + 260$	$643 := 1^8 + 4^3 + 7^0 + 24^2 + 27^0$	$= 18 + 43 + 70 + 242 + 270$
$643 := 1^5 + 2^6 + 11^0 + 24^2 + 25^0$	$= 15 + 26 + 110 + 242 + 250$	$643 := 1^8 + 4^3 + 8^0 + 24^2 + 26^0$	$= 18 + 43 + 80 + 242 + 260$
$643 := 1^5 + 2^6 + 12^0 + 24^0 + 24^2$	$= 15 + 26 + 120 + 240 + 242$	$643 := 1^8 + 4^3 + 9^0 + 24^2 + 25^0$	$= 18 + 43 + 90 + 242 + 250$

$$\begin{aligned} 643 &:= 1^8 + 5^4 + 15^0 + 15^1 + 27^0 = 18 + 54 + 150 + 151 + 270 & 643 &:= 2^2 + 2^6 + 15^2 + 18^2 + 26^1 = 22 + 26 + 152 + 182 + 261 \\ 643 &:= 1^8 + 5^4 + 15^1 + 16^0 + 26^0 = 18 + 54 + 151 + 160 + 260 & 643 &:= 2^2 + 2^8 + 19^0 + 19^2 + 21^1 = 22 + 28 + 190 + 192 + 211 \\ 643 &:= 1^8 + 5^4 + 15^1 + 17^0 + 25^0 = 18 + 54 + 151 + 170 + 250 & 643 &:= 2^3 + 2^5 + 17^2 + 17^2 + 25^1 = 23 + 25 + 172 + 172 + 251 \\ 643 &:= 1^8 + 5^4 + 15^1 + 18^0 + 24^0 = 18 + 54 + 151 + 180 + 240 & 643 &:= 2^3 + 2^7 + 15^0 + 22^1 + 22^2 = 23 + 27 + 150 + 221 + 222 \\ 643 &:= 1^8 + 5^4 + 15^1 + 19^0 + 23^0 = 18 + 54 + 151 + 190 + 230 & 643 &:= 2^4 + 2^4 + 10^2 + 22^2 + 27^1 = 24 + 24 + 102 + 222 + 271 \\ 643 &:= 1^8 + 5^4 + 15^1 + 20^0 + 22^0 = 18 + 54 + 151 + 200 + 220 & 643 &:= 2^4 + 2^4 + 12^2 + 21^2 + 26^1 = 24 + 24 + 122 + 212 + 261 \\ 643 &:= 1^8 + 5^4 + 15^1 + 21^0 + 21^0 = 18 + 54 + 151 + 210 + 210 & 643 &:= 2^4 + 2^4 + 15^2 + 19^2 + 25^1 = 24 + 24 + 152 + 192 + 251 \\ 643 &:= 1^8 + 7^2 + 15^0 + 16^1 + 24^2 = 18 + 72 + 150 + 161 + 242 & 643 &:= 2^4 + 3^4 + 14^2 + 18^2 + 26^1 = 24 + 34 + 142 + 182 + 261 \\ 643 &:= 1^9 + 2^1 + 14^1 + 21^0 + 25^2 = 19 + 21 + 141 + 210 + 252 & 643 &:= 2^5 + 4^3 + 11^2 + 20^2 + 26^1 = 25 + 43 + 112 + 202 + 261 \\ 643 &:= 1^9 + 3^0 + 8^2 + 24^2 + 27^0 = 19 + 30 + 82 + 242 + 270 & 643 &:= 2^6 + 10^2 + 13^2 + 17^2 + 21^1 = 26 + 102 + 132 + 172 + 211 \\ 643 &:= 1^9 + 3^1 + 13^1 + 21^0 + 25^2 = 19 + 31 + 131 + 210 + 252 & 643 &:= 2^6 + 3^2 + 12^2 + 20^2 + 26^1 = 26 + 32 + 122 + 202 + 261 \\ 643 &:= 1^9 + 4^0 + 8^2 + 24^2 + 26^0 = 19 + 40 + 82 + 242 + 260 & 643 &:= 2^6 + 3^2 + 16^2 + 17^2 + 25^1 = 26 + 32 + 162 + 172 + 251 \\ 643 &:= 1^9 + 4^1 + 12^1 + 21^0 + 25^2 = 19 + 41 + 121 + 210 + 252 & 643 &:= 2^6 + 3^4 + 13^1 + 22^2 + 23^0 = 26 + 34 + 131 + 222 + 230 \\ 643 &:= 1^9 + 5^0 + 8^2 + 24^2 + 25^0 = 19 + 50 + 82 + 242 + 250 & 643 &:= 2^6 + 4^3 + 15^2 + 17^2 + 25^0 = 26 + 43 + 152 + 172 + 250 \\ 643 &:= 1^9 + 5^1 + 11^1 + 21^0 + 25^2 = 19 + 51 + 111 + 210 + 252 & 643 &:= 2^6 + 5^2 + 13^2 + 19^2 + 24^1 = 26 + 52 + 132 + 192 + 241 \\ 643 &:= 1^9 + 6^0 + 8^2 + 24^0 + 24^2 = 19 + 60 + 82 + 240 + 242 & 643 &:= 2^6 + 6^2 + 14^2 + 18^2 + 23^1 = 26 + 62 + 142 + 182 + 231 \\ 643 &:= 1^9 + 6^1 + 10^1 + 21^0 + 25^2 = 19 + 61 + 101 + 210 + 252 & 643 &:= 2^6 + 7^2 + 8^2 + 21^2 + 25^1 = 26 + 72 + 82 + 212 + 251 \\ 643 &:= 1^9 + 7^0 + 8^2 + 23^0 + 24^2 = 19 + 70 + 82 + 230 + 242 & 643 &:= 2^6 + 7^3 + 13^1 + 14^2 + 27^1 = 26 + 73 + 131 + 142 + 271 \\ 643 &:= 1^9 + 7^1 + 9^1 + 21^0 + 25^2 = 19 + 71 + 91 + 210 + 252 & 643 &:= 2^6 + 7^3 + 14^1 + 14^2 + 26^1 = 26 + 73 + 141 + 142 + 261 \\ 643 &:= 1^9 + 8^0 + 8^2 + 22^0 + 24^2 = 19 + 80 + 82 + 220 + 242 & 643 &:= 2^6 + 7^3 + 14^2 + 15^1 + 25^1 = 26 + 73 + 142 + 151 + 251 \\ 643 &:= 1^9 + 8^1 + 8^1 + 21^0 + 25^2 = 19 + 81 + 81 + 210 + 252 & 643 &:= 2^6 + 7^3 + 14^2 + 16^1 + 24^1 = 26 + 73 + 142 + 161 + 241 \\ 643 &:= 1^9 + 8^2 + 10^0 + 20^0 + 24^2 = 19 + 82 + 100 + 200 + 242 & 643 &:= 2^6 + 7^3 + 14^2 + 17^1 + 23^1 = 26 + 73 + 142 + 171 + 231 \\ 643 &:= 1^9 + 8^2 + 11^0 + 19^0 + 24^2 = 19 + 82 + 110 + 190 + 242 & 643 &:= 2^6 + 7^3 + 14^2 + 18^1 + 22^1 = 26 + 73 + 142 + 181 + 221 \\ 643 &:= 1^9 + 8^2 + 12^0 + 18^0 + 24^2 = 19 + 82 + 120 + 180 + 242 & 643 &:= 2^6 + 7^3 + 14^2 + 19^1 + 21^1 = 26 + 73 + 142 + 191 + 211 \\ 643 &:= 1^9 + 8^2 + 13^0 + 17^0 + 24^2 = 19 + 82 + 130 + 170 + 242 & 643 &:= 2^6 + 7^3 + 14^2 + 20^1 + 20^1 = 26 + 73 + 142 + 201 + 201 \\ 643 &:= 1^9 + 8^2 + 14^0 + 16^0 + 24^2 = 19 + 82 + 140 + 160 + 242 & 643 &:= 2^6 + 8^2 + 13^2 + 18^2 + 22^1 = 26 + 82 + 132 + 182 + 221 \\ 643 &:= 1^9 + 8^2 + 15^0 + 15^0 + 24^2 = 19 + 82 + 150 + 150 + 242 & 643 &:= 2^7 + 10^1 + 14^2 + 17^2 + 20^1 = 27 + 101 + 142 + 172 + 201 \\ 643 &:= 1^9 + 8^2 + 9^0 + 21^0 + 24^2 = 19 + 82 + 90 + 210 + 242 & 643 &:= 2^7 + 11^1 + 14^2 + 17^2 + 19^1 = 27 + 111 + 142 + 172 + 191 \\ 643 &:= 2^0 + 10^0 + 12^0 + 15^1 + 25^2 = 20 + 100 + 120 + 151 + 252 & 643 &:= 2^7 + 12^1 + 14^2 + 17^2 + 18^1 = 27 + 121 + 142 + 172 + 181 \\ 643 &:= 2^0 + 11^0 + 11^0 + 15^1 + 25^2 = 20 + 110 + 110 + 151 + 252 & 643 &:= 2^7 + 13^1 + 14^2 + 17^1 + 17^2 = 27 + 131 + 142 + 171 + 172 \\ 643 &:= 2^0 + 2^0 + 15^1 + 20^0 + 25^2 = 20 + 20 + 151 + 200 + 252 & 643 &:= 2^7 + 14^1 + 14^2 + 16^1 + 17^2 = 27 + 141 + 142 + 161 + 172 \\ 643 &:= 2^0 + 3^0 + 15^1 + 19^0 + 25^2 = 20 + 30 + 151 + 190 + 252 & 643 &:= 2^7 + 14^2 + 15^1 + 15^1 + 17^2 = 27 + 142 + 151 + 151 + 172 \\ 643 &:= 2^0 + 4^0 + 15^1 + 18^0 + 25^2 = 20 + 40 + 151 + 180 + 252 & 643 &:= 2^7 + 3^1 + 14^2 + 17^2 + 27^1 = 27 + 31 + 142 + 172 + 271 \\ 643 &:= 2^0 + 5^0 + 15^1 + 17^0 + 25^2 = 20 + 50 + 151 + 170 + 252 & 643 &:= 2^7 + 3^2 + 12^2 + 19^2 + 27^0 = 27 + 32 + 122 + 192 + 270 \\ 643 &:= 2^0 + 6^0 + 15^1 + 16^0 + 25^2 = 20 + 60 + 151 + 160 + 252 & 643 &:= 2^7 + 4^1 + 14^2 + 17^2 + 26^1 = 27 + 41 + 142 + 172 + 261 \\ 643 &:= 2^0 + 7^0 + 15^0 + 15^1 + 25^2 = 20 + 70 + 150 + 151 + 252 & 643 &:= 2^7 + 4^3 + 9^1 + 21^2 + 27^0 = 27 + 43 + 91 + 212 + 270 \\ 643 &:= 2^0 + 8^0 + 14^0 + 15^1 + 25^2 = 20 + 80 + 140 + 151 + 252 & 643 &:= 2^7 + 5^1 + 14^2 + 17^2 + 25^1 = 27 + 51 + 142 + 172 + 251 \\ 643 &:= 2^0 + 9^0 + 13^0 + 15^1 + 25^2 = 20 + 90 + 130 + 151 + 252 & 643 &:= 2^7 + 6^1 + 14^2 + 17^2 + 24^1 = 27 + 61 + 142 + 172 + 241 \end{aligned}$$

$$\begin{aligned} 643 &:= 2^7 + 7^1 + 14^2 + 17^2 + 23^1 = 27 + 71 + 142 + 172 + 231 \\ 643 &:= 2^7 + 7^3 + 12^2 + 15^0 + 27^1 = 27 + 73 + 122 + 150 + 271 \\ 643 &:= 2^7 + 8^1 + 14^2 + 17^2 + 22^1 = 27 + 81 + 142 + 172 + 221 \\ 643 &:= 2^7 + 8^2 + 15^2 + 15^2 + 23^0 = 27 + 82 + 152 + 152 + 230 \\ 643 &:= 2^7 + 9^1 + 14^2 + 17^2 + 21^1 = 27 + 91 + 142 + 172 + 211 \\ 643 &:= 2^7 + 9^2 + 12^2 + 17^2 + 23^0 = 27 + 92 + 122 + 172 + 230 \\ 643 &:= 2^8 + 12^2 + 15^2 + 17^0 + 17^1 = 28 + 122 + 152 + 170 + 171 \\ 643 &:= 2^8 + 13^0 + 13^2 + 14^2 + 21^1 = 28 + 130 + 132 + 142 + 211 \\ 643 &:= 2^8 + 3^2 + 16^1 + 19^2 + 23^0 = 28 + 32 + 161 + 192 + 230 \\ 643 &:= 2^8 + 6^2 + 11^0 + 18^2 + 26^1 = 28 + 62 + 110 + 182 + 261 \\ 643 &:= 2^8 + 6^3 + 13^2 + 15^0 + 27^0 = 28 + 63 + 132 + 150 + 270 \\ 643 &:= 2^8 + 6^3 + 13^2 + 16^0 + 26^0 = 28 + 63 + 132 + 160 + 260 \\ 643 &:= 2^8 + 6^3 + 13^2 + 17^0 + 25^0 = 28 + 63 + 132 + 170 + 250 \\ 643 &:= 2^8 + 6^3 + 13^2 + 18^0 + 24^0 = 28 + 63 + 132 + 180 + 240 \\ 643 &:= 2^8 + 6^3 + 13^2 + 19^0 + 23^0 = 28 + 63 + 132 + 190 + 230 \\ 643 &:= 2^8 + 6^3 + 13^2 + 20^0 + 22^0 = 28 + 63 + 132 + 200 + 220 \\ 643 &:= 2^8 + 6^3 + 13^2 + 21^0 + 21^0 = 28 + 63 + 132 + 210 + 210 \\ 643 &:= 2^8 + 7^2 + 13^1 + 18^2 + 23^0 = 28 + 72 + 131 + 182 + 230 \\ 643 &:= 2^8 + 7^3 + 11^0 + 16^1 + 27^1 = 28 + 73 + 110 + 161 + 271 \\ 643 &:= 2^8 + 7^3 + 11^0 + 17^1 + 26^1 = 28 + 73 + 110 + 171 + 261 \\ 643 &:= 2^8 + 7^3 + 11^0 + 18^1 + 25^1 = 28 + 73 + 110 + 181 + 251 \\ 643 &:= 2^8 + 7^3 + 11^0 + 19^1 + 24^1 = 28 + 73 + 110 + 191 + 241 \\ 643 &:= 2^8 + 7^3 + 11^0 + 20^1 + 23^1 = 28 + 73 + 110 + 201 + 231 \\ 643 &:= 2^8 + 7^3 + 11^0 + 21^1 + 22^1 = 28 + 73 + 110 + 211 + 221 \\ 643 &:= 2^8 + 9^1 + 11^2 + 16^2 + 25^0 = 28 + 91 + 112 + 162 + 250 \\ 643 &:= 2^8 + 9^2 + 16^1 + 17^2 + 19^0 = 28 + 92 + 161 + 172 + 190 \\ 643 &:= 2^9 + 10^1 + 10^2 + 20^1 + 21^0 = 29 + 101 + 102 + 201 + 210 \\ 643 &:= 2^9 + 10^2 + 11^1 + 19^1 + 21^0 = 29 + 102 + 111 + 191 + 210 \\ 643 &:= 2^9 + 10^2 + 12^1 + 18^1 + 21^0 = 29 + 102 + 121 + 181 + 210 \\ 643 &:= 2^9 + 10^2 + 13^1 + 17^1 + 21^0 = 29 + 102 + 131 + 171 + 210 \\ 643 &:= 2^9 + 10^2 + 14^1 + 16^1 + 21^0 = 29 + 102 + 141 + 161 + 210 \\ 643 &:= 2^9 + 10^2 + 15^1 + 15^1 + 21^0 = 29 + 102 + 151 + 151 + 210 \\ 643 &:= 2^9 + 3^0 + 9^2 + 22^1 + 27^1 = 29 + 30 + 92 + 221 + 271 \\ 643 &:= 2^9 + 3^0 + 9^2 + 23^1 + 26^1 = 29 + 30 + 92 + 231 + 261 \\ 643 &:= 2^9 + 3^0 + 9^2 + 24^1 + 25^1 = 29 + 30 + 92 + 241 + 251 \\ 643 &:= 2^9 + 3^1 + 10^2 + 21^0 + 27^1 = 29 + 31 + 102 + 210 + 271 \\ 643 &:= 2^9 + 4^1 + 10^2 + 21^0 + 26^1 = 29 + 41 + 102 + 210 + 261 \\ 643 &:= 2^9 + 4^1 + 5^3 + 25^0 + 27^0 = 29 + 41 + 53 + 250 + 270 \\ 643 &:= 2^9 + 4^1 + 5^3 + 26^0 + 26^0 = 29 + 41 + 53 + 260 + 260 \\ 643 &:= 2^9 + 5^1 + 10^2 + 21^0 + 25^1 = 29 + 51 + 102 + 210 + 251 \\ 643 &:= 2^9 + 6^1 + 10^2 + 21^0 + 24^1 = 29 + 61 + 102 + 210 + 241 \\ 643 &:= 2^9 + 7^1 + 10^2 + 21^0 + 23^1 = 29 + 71 + 102 + 210 + 231 \\ 643 &:= 2^9 + 8^1 + 10^2 + 21^0 + 22^1 = 29 + 81 + 102 + 210 + 221 \\ 643 &:= 2^9 + 9^1 + 10^2 + 21^0 + 21^1 = 29 + 91 + 102 + 210 + 211 \\ 643 &:= 3^0 + 10^0 + 11^0 + 15^1 + 25^2 = 30 + 100 + 110 + 151 + 252 \\ 643 &:= 3^0 + 3^0 + 15^1 + 18^0 + 25^2 = 30 + 30 + 151 + 180 + 252 \\ 643 &:= 3^0 + 4^0 + 15^1 + 17^0 + 25^2 = 30 + 40 + 151 + 170 + 252 \\ 643 &:= 3^0 + 5^0 + 15^1 + 16^0 + 25^2 = 30 + 50 + 151 + 160 + 252 \\ 643 &:= 3^0 + 6^0 + 15^0 + 15^1 + 25^2 = 30 + 60 + 150 + 151 + 252 \\ 643 &:= 3^0 + 7^0 + 14^0 + 15^1 + 25^2 = 30 + 70 + 140 + 151 + 252 \\ 643 &:= 3^0 + 8^0 + 13^0 + 15^1 + 25^2 = 30 + 80 + 130 + 151 + 252 \\ 643 &:= 3^0 + 9^0 + 12^0 + 15^1 + 25^2 = 30 + 90 + 120 + 151 + 252 \\ 643 &:= 4^0 + 10^0 + 10^0 + 15^1 + 25^2 = 40 + 100 + 100 + 151 + 252 \\ 643 &:= 4^0 + 4^0 + 15^1 + 16^0 + 25^2 = 40 + 40 + 151 + 160 + 252 \\ 643 &:= 4^0 + 5^0 + 15^0 + 15^1 + 25^2 = 40 + 50 + 150 + 151 + 252 \\ 643 &:= 4^0 + 6^0 + 14^0 + 15^1 + 25^2 = 40 + 60 + 140 + 151 + 252 \\ 643 &:= 4^0 + 7^0 + 13^0 + 15^1 + 25^2 = 40 + 70 + 130 + 151 + 252 \\ 643 &:= 4^0 + 8^0 + 12^0 + 15^1 + 25^2 = 40 + 80 + 120 + 151 + 252 \\ 643 &:= 4^0 + 9^0 + 11^0 + 15^1 + 25^2 = 40 + 90 + 110 + 151 + 252 \\ 643 &:= 5^0 + 5^0 + 14^0 + 15^1 + 25^2 = 50 + 50 + 140 + 151 + 252 \\ 643 &:= 5^0 + 6^0 + 13^0 + 15^1 + 25^2 = 50 + 60 + 130 + 151 + 252 \\ 643 &:= 5^0 + 7^0 + 12^0 + 15^1 + 25^2 = 50 + 70 + 120 + 151 + 252 \\ 643 &:= 5^0 + 8^0 + 11^0 + 15^1 + 25^2 = 50 + 80 + 110 + 151 + 252 \\ 643 &:= 5^0 + 9^0 + 10^0 + 15^1 + 25^2 = 50 + 90 + 100 + 151 + 252 \\ 643 &:= 6^0 + 6^0 + 12^0 + 15^1 + 25^2 = 60 + 60 + 120 + 151 + 252 \\ 643 &:= 6^0 + 7^0 + 11^0 + 15^1 + 25^2 = 60 + 70 + 110 + 151 + 252 \\ 643 &:= 6^0 + 8^0 + 10^0 + 15^1 + 25^2 = 60 + 80 + 100 + 151 + 252 \\ 643 &:= 6^0 + 9^0 + 9^0 + 15^1 + 25^2 = 60 + 90 + 90 + 151 + 252 \\ 643 &:= 7^0 + 7^0 + 10^0 + 15^1 + 25^2 = 70 + 70 + 100 + 151 + 252 \\ 643 &:= 7^0 + 8^0 + 9^0 + 15^1 + 25^2 = 70 + 80 + 90 + 151 + 252 \\ 643 &:= 8^0 + 8^0 + 8^0 + 15^1 + 25^2 = 80 + 80 + 80 + 151 + 252 \end{aligned}$$

$$\begin{aligned}
 644 &:= 1^1 + 17^1 + 21^0 + 25^2 = 11 + 171 + 210 + 252 & 644 &:= 1^1 + 8^0 + 14^0 + 16^1 + 25^2 = 11 + 80 + 140 + 161 + 252 \\
 644 &:= 1^9 + 5^4 + 17^1 + 40^0 = 19 + 54 + 171 + 400 & 644 &:= 1^1 + 9^0 + 13^0 + 16^1 + 25^2 = 11 + 90 + 130 + 161 + 252 \\
 644 &:= 2^1 + 16^1 + 21^0 + 25^2 = 21 + 161 + 210 + 252 & 644 &:= 1^2 + 1^9 + 16^1 + 20^0 + 25^2 = 12 + 19 + 161 + 200 + 252 \\
 644 &:= 2^9 + 3^4 + 8^0 + 50^1 = 29 + 34 + 80 + 501 & 644 &:= 1^3 + 1^8 + 16^1 + 20^0 + 25^2 = 13 + 18 + 161 + 200 + 252 \\
 644 &:= 3^1 + 15^1 + 21^0 + 25^2 = 31 + 151 + 210 + 252 & 644 &:= 1^3 + 2^8 + 16^0 + 19^2 + 25^1 = 13 + 28 + 160 + 192 + 251 \\
 644 &:= 4^1 + 14^1 + 21^0 + 25^2 = 41 + 141 + 210 + 252 & 644 &:= 1^4 + 1^7 + 16^1 + 20^0 + 25^2 = 14 + 17 + 161 + 200 + 252 \\
 644 &:= 5^1 + 13^1 + 21^0 + 25^2 = 51 + 131 + 210 + 252 & 644 &:= 1^4 + 2^6 + 17^2 + 17^2 + 26^0 = 14 + 26 + 172 + 172 + 260 \\
 644 &:= 6^1 + 12^1 + 21^0 + 25^2 = 61 + 121 + 210 + 252 & 644 &:= 1^5 + 1^6 + 16^1 + 20^0 + 25^2 = 15 + 16 + 161 + 200 + 252 \\
 644 &:= 7^1 + 11^1 + 21^0 + 25^2 = 71 + 111 + 210 + 252 & 644 &:= 1^5 + 2^5 + 13^2 + 21^2 + 26^0 = 15 + 25 + 132 + 212 + 260 \\
 644 &:= 8^1 + 10^1 + 21^0 + 25^2 = 81 + 101 + 210 + 252 & 644 &:= 1^7 + 4^3 + 17^2 + 17^2 + 24^0 = 17 + 43 + 172 + 172 + 240 \\
 644 &:= 9^1 + 9^1 + 21^0 + 25^2 = 91 + 91 + 210 + 252 & 644 &:= 1^7 + 4^4 + 14^0 + 19^2 + 25^1 = 17 + 44 + 140 + 192 + 251 \\
 644 &:= 1^0 + 1^1 + 16^1 + 21^0 + 25^2 = 10 + 11 + 161 + 210 + 252 & 644 &:= 1^8 + 11^2 + 11^2 + 20^0 + 20^2 = 18 + 112 + 112 + 200 + 202 \\
 644 &:= 1^0 + 2^1 + 15^1 + 21^0 + 25^2 = 10 + 21 + 151 + 210 + 252 & 644 &:= 1^8 + 2^3 + 9^1 + 25^2 + 26^0 = 18 + 23 + 91 + 252 + 260 \\
 644 &:= 1^0 + 3^1 + 14^1 + 21^0 + 25^2 = 10 + 31 + 141 + 210 + 252 & 644 &:= 1^8 + 2^4 + 10^0 + 25^0 + 25^2 = 18 + 24 + 100 + 250 + 252 \\
 644 &:= 1^0 + 4^1 + 13^1 + 21^0 + 25^2 = 10 + 41 + 131 + 210 + 252 & 644 &:= 1^8 + 2^4 + 11^0 + 24^0 + 25^2 = 18 + 24 + 110 + 240 + 252 \\
 644 &:= 1^0 + 4^2 + 10^0 + 24^0 + 25^2 = 10 + 42 + 100 + 240 + 252 & 644 &:= 1^8 + 2^4 + 12^0 + 23^0 + 25^2 = 18 + 24 + 120 + 230 + 252 \\
 644 &:= 1^0 + 4^2 + 11^0 + 23^0 + 25^2 = 10 + 42 + 110 + 230 + 252 & 644 &:= 1^8 + 2^4 + 13^0 + 22^0 + 25^2 = 18 + 24 + 130 + 220 + 252 \\
 644 &:= 1^0 + 4^2 + 12^0 + 22^0 + 25^2 = 10 + 42 + 120 + 220 + 252 & 644 &:= 1^8 + 2^4 + 14^0 + 21^0 + 25^2 = 18 + 24 + 140 + 210 + 252 \\
 644 &:= 1^0 + 4^2 + 13^0 + 21^0 + 25^2 = 10 + 42 + 130 + 210 + 252 & 644 &:= 1^8 + 2^4 + 15^0 + 20^0 + 25^2 = 18 + 24 + 150 + 200 + 252 \\
 644 &:= 1^0 + 4^2 + 14^0 + 20^0 + 25^2 = 10 + 42 + 140 + 200 + 252 & 644 &:= 1^8 + 2^4 + 16^0 + 19^0 + 25^2 = 18 + 24 + 160 + 190 + 252 \\
 644 &:= 1^0 + 4^2 + 15^0 + 19^0 + 25^2 = 10 + 42 + 150 + 190 + 252 & 644 &:= 1^8 + 2^4 + 17^0 + 18^0 + 25^2 = 18 + 24 + 170 + 180 + 252 \\
 644 &:= 1^0 + 4^2 + 16^0 + 18^0 + 25^2 = 10 + 42 + 160 + 180 + 252 & 644 &:= 1^8 + 2^4 + 8^0 + 25^2 + 27^0 = 18 + 24 + 80 + 252 + 270 \\
 644 &:= 1^0 + 4^2 + 17^0 + 17^0 + 25^2 = 10 + 42 + 170 + 170 + 252 & 644 &:= 1^8 + 2^4 + 9^0 + 25^2 + 26^0 = 18 + 24 + 90 + 252 + 260 \\
 644 &:= 1^0 + 4^2 + 7^0 + 25^2 + 27^0 = 10 + 42 + 70 + 252 + 270 & 644 &:= 1^8 + 4^2 + 5^4 + 26^0 + 27^0 = 18 + 42 + 54 + 260 + 270 \\
 644 &:= 1^0 + 4^2 + 8^0 + 25^2 + 26^0 = 10 + 42 + 80 + 252 + 260 & 644 &:= 1^8 + 5^2 + 16^2 + 19^2 + 22^0 = 18 + 52 + 162 + 192 + 220 \\
 644 &:= 1^0 + 4^2 + 9^0 + 25^0 + 25^2 = 10 + 42 + 90 + 250 + 252 & 644 &:= 1^8 + 6^3 + 10^0 + 20^2 + 26^1 = 18 + 63 + 100 + 202 + 261 \\
 644 &:= 1^0 + 5^1 + 12^1 + 21^0 + 25^2 = 10 + 51 + 121 + 210 + 252 & 644 &:= 1^8 + 7^2 + 8^2 + 23^2 + 24^0 = 18 + 72 + 82 + 232 + 240 \\
 644 &:= 1^0 + 6^1 + 11^1 + 21^0 + 25^2 = 10 + 61 + 111 + 210 + 252 & 644 &:= 1^8 + 8^2 + 17^2 + 17^2 + 20^0 = 18 + 82 + 172 + 172 + 200 \\
 644 &:= 1^0 + 7^1 + 10^1 + 21^0 + 25^2 = 10 + 71 + 101 + 210 + 252 & 644 &:= 1^9 + 10^0 + 15^2 + 17^1 + 20^2 = 19 + 100 + 152 + 171 + 202 \\
 644 &:= 1^0 + 8^1 + 9^1 + 21^0 + 25^2 = 10 + 81 + 91 + 210 + 252 & 644 &:= 1^9 + 10^2 + 13^1 + 16^0 + 23^2 = 19 + 102 + 131 + 160 + 232 \\
 644 &:= 1^1 + 10^0 + 12^0 + 16^1 + 25^2 = 11 + 100 + 120 + 161 + 252 & 644 &:= 1^9 + 12^2 + 14^0 + 14^1 + 22^2 = 19 + 122 + 140 + 141 + 222 \\
 644 &:= 1^1 + 11^0 + 11^0 + 16^1 + 25^2 = 11 + 110 + 110 + 161 + 252 & 644 &:= 1^9 + 2^0 + 16^2 + 19^2 + 25^1 = 19 + 20 + 162 + 192 + 251 \\
 644 &:= 1^1 + 2^0 + 16^1 + 20^0 + 25^2 = 11 + 20 + 161 + 200 + 252 & 644 &:= 1^9 + 2^2 + 13^1 + 22^0 + 25^2 = 19 + 22 + 131 + 220 + 252 \\
 644 &:= 1^1 + 3^0 + 16^1 + 19^0 + 25^2 = 11 + 30 + 161 + 190 + 252 & 644 &:= 1^9 + 3^2 + 8^1 + 25^2 + 26^0 = 19 + 32 + 81 + 252 + 260 \\
 644 &:= 1^1 + 4^0 + 16^1 + 18^0 + 25^2 = 11 + 40 + 161 + 180 + 252 & 644 &:= 1^9 + 5^1 + 14^2 + 21^2 + 22^0 = 19 + 51 + 142 + 212 + 220 \\
 644 &:= 1^1 + 5^0 + 16^1 + 17^0 + 25^2 = 11 + 50 + 161 + 170 + 252 & 644 &:= 1^9 + 5^4 + 14^0 + 16^1 + 27^0 = 19 + 54 + 140 + 161 + 270 \\
 644 &:= 1^1 + 6^0 + 16^0 + 16^1 + 25^2 = 11 + 60 + 160 + 161 + 252 & 644 &:= 1^9 + 5^4 + 15^0 + 16^1 + 26^0 = 19 + 54 + 150 + 161 + 260 \\
 644 &:= 1^1 + 7^0 + 15^0 + 16^1 + 25^2 = 11 + 70 + 150 + 161 + 252 & 644 &:= 1^9 + 5^4 + 16^0 + 16^1 + 25^0 = 19 + 54 + 160 + 161 + 250
 \end{aligned}$$

$$\begin{aligned} 644 &:= 1^9 + 5^4 + 16^1 + 17^0 + 24^0 = 19 + 54 + 161 + 170 + 240 & 644 &:= 2^9 + 3^2 + 10^2 + 22^1 + 26^0 = 29 + 32 + 102 + 221 + 260 \\ 644 &:= 1^9 + 5^4 + 16^1 + 18^0 + 23^0 = 19 + 54 + 161 + 180 + 230 & 644 &:= 2^9 + 5^2 + 9^2 + 22^0 + 25^1 = 29 + 52 + 92 + 220 + 251 \\ 644 &:= 1^9 + 5^4 + 16^1 + 19^0 + 22^0 = 19 + 54 + 161 + 190 + 220 & 644 &:= 3^0 + 3^1 + 14^1 + 19^0 + 25^2 = 30 + 31 + 141 + 190 + 252 \\ 644 &:= 1^9 + 5^4 + 16^1 + 20^0 + 21^0 = 19 + 54 + 161 + 200 + 210 & 644 &:= 3^0 + 4^1 + 13^1 + 19^0 + 25^2 = 30 + 41 + 131 + 190 + 252 \\ 644 &:= 1^9 + 7^2 + 14^0 + 17^1 + 24^2 = 19 + 72 + 140 + 171 + 242 & 644 &:= 3^0 + 4^2 + 10^0 + 22^0 + 25^2 = 30 + 42 + 100 + 220 + 252 \\ 644 &:= 2^0 + 2^1 + 15^1 + 20^0 + 25^2 = 20 + 21 + 151 + 200 + 252 & 644 &:= 3^0 + 4^2 + 11^0 + 21^0 + 25^2 = 30 + 42 + 110 + 210 + 252 \\ 644 &:= 2^0 + 3^1 + 14^1 + 20^0 + 25^2 = 20 + 31 + 141 + 200 + 252 & 644 &:= 3^0 + 4^2 + 12^0 + 20^0 + 25^2 = 30 + 42 + 120 + 200 + 252 \\ 644 &:= 2^0 + 4^1 + 13^1 + 20^0 + 25^2 = 20 + 41 + 131 + 200 + 252 & 644 &:= 3^0 + 4^2 + 13^0 + 19^0 + 25^2 = 30 + 42 + 130 + 190 + 252 \\ 644 &:= 2^0 + 4^2 + 10^0 + 23^0 + 25^2 = 20 + 42 + 100 + 230 + 252 & 644 &:= 3^0 + 4^2 + 14^0 + 18^0 + 25^2 = 30 + 42 + 140 + 180 + 252 \\ 644 &:= 2^0 + 4^2 + 11^0 + 22^0 + 25^2 = 20 + 42 + 110 + 220 + 252 & 644 &:= 3^0 + 4^2 + 15^0 + 17^0 + 25^2 = 30 + 42 + 150 + 170 + 252 \\ 644 &:= 2^0 + 4^2 + 12^0 + 21^0 + 25^2 = 20 + 42 + 120 + 210 + 252 & 644 &:= 3^0 + 4^2 + 16^0 + 16^0 + 25^2 = 30 + 42 + 160 + 160 + 252 \\ 644 &:= 2^0 + 4^2 + 13^0 + 20^0 + 25^2 = 20 + 42 + 130 + 200 + 252 & 644 &:= 3^0 + 4^2 + 5^0 + 25^2 + 27^0 = 30 + 42 + 50 + 252 + 270 \\ 644 &:= 2^0 + 4^2 + 14^0 + 19^0 + 25^2 = 20 + 42 + 140 + 190 + 252 & 644 &:= 3^0 + 4^2 + 6^0 + 25^2 + 26^0 = 30 + 42 + 60 + 252 + 260 \\ 644 &:= 2^0 + 4^2 + 15^0 + 18^0 + 25^2 = 20 + 42 + 150 + 180 + 252 & 644 &:= 3^0 + 4^2 + 7^0 + 25^0 + 25^2 = 30 + 42 + 70 + 250 + 252 \\ 644 &:= 2^0 + 4^2 + 16^0 + 17^0 + 25^2 = 20 + 42 + 160 + 170 + 252 & 644 &:= 3^0 + 4^2 + 8^0 + 24^0 + 25^2 = 30 + 42 + 80 + 240 + 252 \\ 644 &:= 2^0 + 4^2 + 6^0 + 25^2 + 27^0 = 20 + 42 + 60 + 252 + 270 & 644 &:= 3^0 + 4^2 + 9^0 + 23^0 + 25^2 = 30 + 42 + 90 + 230 + 252 \\ 644 &:= 2^0 + 4^2 + 7^0 + 25^2 + 26^0 = 20 + 42 + 70 + 252 + 260 & 644 &:= 3^0 + 5^1 + 12^1 + 19^0 + 25^2 = 30 + 51 + 121 + 190 + 252 \\ 644 &:= 2^0 + 4^2 + 8^0 + 25^0 + 25^2 = 20 + 42 + 80 + 250 + 252 & 644 &:= 3^0 + 6^1 + 11^1 + 19^0 + 25^2 = 30 + 61 + 111 + 190 + 252 \\ 644 &:= 2^0 + 4^2 + 9^0 + 24^0 + 25^2 = 20 + 42 + 90 + 240 + 252 & 644 &:= 3^0 + 7^1 + 10^1 + 19^0 + 25^2 = 30 + 71 + 101 + 190 + 252 \\ 644 &:= 2^0 + 5^1 + 12^1 + 20^0 + 25^2 = 20 + 51 + 121 + 200 + 252 & 644 &:= 3^0 + 8^1 + 9^1 + 19^0 + 25^2 = 30 + 81 + 91 + 190 + 252 \\ 644 &:= 2^0 + 6^1 + 11^1 + 20^0 + 25^2 = 20 + 61 + 111 + 200 + 252 & 644 &:= 3^1 + 10^0 + 12^0 + 14^1 + 25^2 = 31 + 100 + 120 + 141 + 252 \\ 644 &:= 2^0 + 7^1 + 10^1 + 20^0 + 25^2 = 20 + 71 + 101 + 200 + 252 & 644 &:= 3^1 + 11^0 + 11^0 + 14^1 + 25^2 = 31 + 110 + 110 + 141 + 252 \\ 644 &:= 2^0 + 8^1 + 9^1 + 20^0 + 25^2 = 20 + 81 + 91 + 200 + 252 & 644 &:= 3^1 + 4^0 + 14^1 + 18^0 + 25^2 = 31 + 40 + 141 + 180 + 252 \\ 644 &:= 2^1 + 10^0 + 12^0 + 15^1 + 25^2 = 21 + 100 + 120 + 151 + 252 & 644 &:= 3^1 + 5^0 + 14^1 + 17^0 + 25^2 = 31 + 50 + 141 + 170 + 252 \\ 644 &:= 2^1 + 11^0 + 11^0 + 15^1 + 25^2 = 21 + 110 + 110 + 151 + 252 & 644 &:= 3^1 + 6^0 + 14^1 + 16^0 + 25^2 = 31 + 60 + 141 + 160 + 252 \\ 644 &:= 2^1 + 3^0 + 15^1 + 19^0 + 25^2 = 21 + 30 + 151 + 190 + 252 & 644 &:= 3^1 + 7^0 + 14^1 + 15^0 + 25^2 = 31 + 70 + 141 + 150 + 252 \\ 644 &:= 2^1 + 4^0 + 15^1 + 18^0 + 25^2 = 21 + 40 + 151 + 180 + 252 & 644 &:= 3^1 + 8^0 + 14^0 + 14^1 + 25^2 = 31 + 80 + 140 + 141 + 252 \\ 644 &:= 2^1 + 5^0 + 15^1 + 17^0 + 25^2 = 21 + 50 + 151 + 170 + 252 & 644 &:= 3^1 + 9^0 + 13^0 + 14^1 + 25^2 = 31 + 90 + 130 + 141 + 252 \\ 644 &:= 2^1 + 6^0 + 15^1 + 16^0 + 25^2 = 21 + 60 + 151 + 160 + 252 & 644 &:= 4^0 + 4^0 + 4^2 + 25^2 + 27^0 = 40 + 40 + 42 + 252 + 270 \\ 644 &:= 2^1 + 7^0 + 15^0 + 15^1 + 25^2 = 21 + 70 + 150 + 151 + 252 & 644 &:= 4^0 + 4^1 + 13^1 + 18^0 + 25^2 = 40 + 41 + 131 + 180 + 252 \\ 644 &:= 2^1 + 8^0 + 14^0 + 15^1 + 25^2 = 21 + 80 + 140 + 151 + 252 & 644 &:= 4^0 + 4^2 + 10^0 + 21^0 + 25^2 = 40 + 42 + 100 + 210 + 252 \\ 644 &:= 2^1 + 9^0 + 13^0 + 15^1 + 25^2 = 21 + 90 + 130 + 151 + 252 & 644 &:= 4^0 + 4^2 + 11^0 + 20^0 + 25^2 = 40 + 42 + 110 + 200 + 252 \\ 644 &:= 2^2 + 2^9 + 10^2 + 22^0 + 27^1 = 22 + 29 + 102 + 220 + 271 & 644 &:= 4^0 + 4^2 + 12^0 + 19^0 + 25^2 = 40 + 42 + 120 + 190 + 252 \\ 644 &:= 2^3 + 2^8 + 18^1 + 19^2 + 22^0 = 23 + 28 + 181 + 192 + 220 & 644 &:= 4^0 + 4^2 + 13^0 + 18^0 + 25^2 = 40 + 42 + 130 + 180 + 252 \\ 644 &:= 2^4 + 2^7 + 15^1 + 22^0 + 22^2 = 24 + 27 + 151 + 220 + 222 & 644 &:= 4^0 + 4^2 + 14^0 + 17^0 + 25^2 = 40 + 42 + 140 + 170 + 252 \\ 644 &:= 2^5 + 2^6 + 18^0 + 18^1 + 23^2 = 25 + 26 + 180 + 181 + 232 & 644 &:= 4^0 + 4^2 + 15^0 + 16^0 + 25^2 = 40 + 42 + 150 + 160 + 252 \\ 644 &:= 2^5 + 3^5 + 7^3 + 25^1 + 26^0 = 25 + 35 + 73 + 251 + 260 & 644 &:= 4^0 + 4^2 + 5^0 + 25^2 + 26^0 = 40 + 42 + 50 + 252 + 260 \\ 644 &:= 2^8 + 6^3 + 12^2 + 16^0 + 27^1 = 28 + 63 + 122 + 160 + 271 & 644 &:= 4^0 + 4^2 + 6^0 + 25^0 + 25^2 = 40 + 42 + 60 + 250 + 252 \end{aligned}$$

$$\begin{aligned} 644 &:= 4^0 + 4^2 + 7^0 + 24^0 + 25^2 = 40 + 42 + 70 + 240 + 252 & 644 &:= 4^2 + 6^0 + 9^0 + 20^0 + 25^2 = 42 + 60 + 90 + 200 + 252 \\ 644 &:= 4^0 + 4^2 + 8^0 + 23^0 + 25^2 = 40 + 42 + 80 + 230 + 252 & 644 &:= 4^2 + 7^0 + 10^0 + 18^0 + 25^2 = 42 + 70 + 100 + 180 + 252 \\ 644 &:= 4^0 + 4^2 + 9^0 + 22^0 + 25^2 = 40 + 42 + 90 + 220 + 252 & 644 &:= 4^2 + 7^0 + 11^0 + 17^0 + 25^2 = 42 + 70 + 110 + 170 + 252 \\ 644 &:= 4^0 + 5^1 + 12^1 + 18^0 + 25^2 = 40 + 51 + 121 + 180 + 252 & 644 &:= 4^2 + 7^0 + 12^0 + 16^0 + 25^2 = 42 + 70 + 120 + 160 + 252 \\ 644 &:= 4^0 + 6^1 + 11^1 + 18^0 + 25^2 = 40 + 61 + 111 + 180 + 252 & 644 &:= 4^2 + 7^0 + 13^0 + 15^0 + 25^2 = 42 + 70 + 130 + 150 + 252 \\ 644 &:= 4^0 + 7^1 + 10^1 + 18^0 + 25^2 = 40 + 71 + 101 + 180 + 252 & 644 &:= 4^2 + 7^0 + 14^0 + 14^0 + 25^2 = 42 + 70 + 140 + 140 + 252 \\ 644 &:= 4^0 + 8^1 + 9^1 + 18^0 + 25^2 = 40 + 81 + 91 + 180 + 252 & 644 &:= 4^2 + 7^0 + 7^0 + 21^0 + 25^2 = 42 + 70 + 70 + 210 + 252 \\ 644 &:= 4^1 + 10^0 + 12^0 + 13^1 + 25^2 = 41 + 100 + 120 + 131 + 252 & 644 &:= 4^2 + 7^0 + 8^0 + 20^0 + 25^2 = 42 + 70 + 80 + 200 + 252 \\ 644 &:= 4^1 + 11^0 + 11^0 + 13^1 + 25^2 = 41 + 110 + 110 + 131 + 252 & 644 &:= 4^2 + 7^0 + 9^0 + 19^0 + 25^2 = 42 + 70 + 90 + 190 + 252 \\ 644 &:= 4^1 + 5^0 + 13^1 + 17^0 + 25^2 = 41 + 50 + 131 + 170 + 252 & 644 &:= 4^2 + 8^0 + 10^0 + 17^0 + 25^2 = 42 + 80 + 100 + 170 + 252 \\ 644 &:= 4^1 + 6^0 + 13^1 + 16^0 + 25^2 = 41 + 60 + 131 + 160 + 252 & 644 &:= 4^2 + 8^0 + 11^0 + 16^0 + 25^2 = 42 + 80 + 110 + 160 + 252 \\ 644 &:= 4^1 + 7^0 + 13^1 + 15^0 + 25^2 = 41 + 70 + 131 + 150 + 252 & 644 &:= 4^2 + 8^0 + 12^0 + 15^0 + 25^2 = 42 + 80 + 120 + 150 + 252 \\ 644 &:= 4^1 + 8^0 + 13^1 + 14^0 + 25^2 = 41 + 80 + 131 + 140 + 252 & 644 &:= 4^2 + 8^0 + 13^0 + 14^0 + 25^2 = 42 + 80 + 130 + 140 + 252 \\ 644 &:= 4^1 + 9^0 + 13^0 + 13^1 + 25^2 = 41 + 90 + 130 + 131 + 252 & 644 &:= 4^2 + 8^0 + 8^0 + 19^0 + 25^2 = 42 + 80 + 80 + 190 + 252 \\ 644 &:= 4^2 + 10^0 + 10^0 + 15^0 + 25^2 = 42 + 100 + 100 + 150 + 252 & 644 &:= 4^2 + 8^0 + 9^0 + 18^0 + 25^2 = 42 + 80 + 90 + 180 + 252 \\ 644 &:= 4^2 + 10^0 + 11^0 + 14^0 + 25^2 = 42 + 100 + 110 + 140 + 252 & 644 &:= 4^2 + 9^0 + 10^0 + 16^0 + 25^2 = 42 + 90 + 100 + 160 + 252 \\ 644 &:= 4^2 + 10^0 + 12^0 + 13^0 + 25^2 = 42 + 100 + 120 + 130 + 252 & 644 &:= 4^2 + 9^0 + 11^0 + 15^0 + 25^2 = 42 + 90 + 110 + 150 + 252 \\ 644 &:= 4^2 + 11^0 + 11^0 + 13^0 + 25^2 = 42 + 110 + 110 + 130 + 252 & 644 &:= 4^2 + 9^0 + 12^0 + 14^0 + 25^2 = 42 + 90 + 120 + 140 + 252 \\ 644 &:= 4^2 + 11^0 + 12^0 + 12^0 + 25^2 = 42 + 110 + 120 + 120 + 252 & 644 &:= 4^2 + 9^0 + 13^0 + 13^0 + 25^2 = 42 + 90 + 130 + 130 + 252 \\ 644 &:= 4^2 + 5^0 + 10^0 + 20^0 + 25^2 = 42 + 50 + 100 + 200 + 252 & 644 &:= 4^2 + 9^0 + 9^0 + 17^0 + 25^2 = 42 + 90 + 90 + 170 + 252 \\ 644 &:= 4^2 + 5^0 + 11^0 + 19^0 + 25^2 = 42 + 50 + 110 + 190 + 252 & 644 &:= 5^0 + 5^1 + 12^1 + 17^0 + 25^2 = 50 + 51 + 121 + 170 + 252 \\ 644 &:= 4^2 + 5^0 + 12^0 + 18^0 + 25^2 = 42 + 50 + 120 + 180 + 252 & 644 &:= 5^0 + 6^1 + 11^1 + 17^0 + 25^2 = 50 + 61 + 111 + 170 + 252 \\ 644 &:= 4^2 + 5^0 + 13^0 + 17^0 + 25^2 = 42 + 50 + 130 + 170 + 252 & 644 &:= 5^0 + 7^1 + 10^1 + 17^0 + 25^2 = 50 + 71 + 101 + 170 + 252 \\ 644 &:= 4^2 + 5^0 + 14^0 + 16^0 + 25^2 = 42 + 50 + 140 + 160 + 252 & 644 &:= 5^0 + 8^1 + 9^1 + 17^0 + 25^2 = 50 + 81 + 91 + 170 + 252 \\ 644 &:= 4^2 + 5^0 + 15^0 + 15^0 + 25^2 = 42 + 50 + 150 + 150 + 252 & 644 &:= 5^1 + 10^0 + 12^0 + 12^1 + 25^2 = 51 + 100 + 120 + 121 + 252 \\ 644 &:= 4^2 + 5^0 + 5^0 + 25^0 + 25^2 = 42 + 50 + 50 + 250 + 252 & 644 &:= 5^1 + 11^0 + 11^0 + 12^1 + 25^2 = 51 + 110 + 110 + 121 + 252 \\ 644 &:= 4^2 + 5^0 + 6^0 + 24^0 + 25^2 = 42 + 50 + 60 + 240 + 252 & 644 &:= 5^1 + 6^0 + 12^1 + 16^0 + 25^2 = 51 + 60 + 121 + 160 + 252 \\ 644 &:= 4^2 + 5^0 + 7^0 + 23^0 + 25^2 = 42 + 50 + 70 + 230 + 252 & 644 &:= 5^1 + 7^0 + 12^1 + 15^0 + 25^2 = 51 + 70 + 121 + 150 + 252 \\ 644 &:= 4^2 + 5^0 + 8^0 + 22^0 + 25^2 = 42 + 50 + 80 + 220 + 252 & 644 &:= 5^1 + 8^0 + 12^1 + 14^0 + 25^2 = 51 + 80 + 121 + 140 + 252 \\ 644 &:= 4^2 + 5^0 + 9^0 + 21^0 + 25^2 = 42 + 50 + 90 + 210 + 252 & 644 &:= 5^1 + 9^0 + 12^1 + 13^0 + 25^2 = 51 + 90 + 121 + 130 + 252 \\ 644 &:= 4^2 + 6^0 + 10^0 + 19^0 + 25^2 = 42 + 60 + 100 + 190 + 252 & 644 &:= 6^0 + 6^1 + 11^1 + 16^0 + 25^2 = 60 + 61 + 111 + 160 + 252 \\ 644 &:= 4^2 + 6^0 + 11^0 + 18^0 + 25^2 = 42 + 60 + 110 + 180 + 252 & 644 &:= 6^0 + 7^1 + 10^1 + 16^0 + 25^2 = 60 + 71 + 101 + 160 + 252 \\ 644 &:= 4^2 + 6^0 + 12^0 + 17^0 + 25^2 = 42 + 60 + 120 + 170 + 252 & 644 &:= 6^0 + 8^1 + 9^1 + 16^0 + 25^2 = 60 + 81 + 91 + 160 + 252 \\ 644 &:= 4^2 + 6^0 + 13^0 + 16^0 + 25^2 = 42 + 60 + 130 + 160 + 252 & 644 &:= 6^1 + 10^0 + 11^1 + 12^0 + 25^2 = 61 + 100 + 111 + 120 + 252 \\ 644 &:= 4^2 + 6^0 + 14^0 + 15^0 + 25^2 = 42 + 60 + 140 + 150 + 252 & 644 &:= 6^1 + 11^0 + 11^0 + 11^1 + 25^2 = 61 + 110 + 110 + 111 + 252 \\ 644 &:= 4^2 + 6^0 + 6^0 + 23^0 + 25^2 = 42 + 60 + 60 + 230 + 252 & 644 &:= 6^1 + 7^0 + 11^1 + 15^0 + 25^2 = 61 + 70 + 111 + 150 + 252 \\ 644 &:= 4^2 + 6^0 + 7^0 + 22^0 + 25^2 = 42 + 60 + 70 + 220 + 252 & 644 &:= 6^1 + 8^0 + 11^1 + 14^0 + 25^2 = 61 + 80 + 111 + 140 + 252 \\ 644 &:= 4^2 + 6^0 + 8^0 + 21^0 + 25^2 = 42 + 60 + 80 + 210 + 252 & 644 &:= 6^1 + 9^0 + 11^1 + 13^0 + 25^2 = 61 + 90 + 111 + 130 + 252 \end{aligned}$$

$$\begin{aligned}
 644 &:= 7^0 + 7^1 + 10^1 + 15^0 + 25^2 = 70 + 71 + 101 + 150 + 252 \\
 644 &:= 7^0 + 8^1 + 9^1 + 15^0 + 25^2 = 70 + 81 + 91 + 150 + 252 \\
 644 &:= 7^1 + 10^0 + 10^1 + 12^0 + 25^2 = 71 + 100 + 101 + 120 + 252 \\
 644 &:= 7^1 + 10^1 + 11^0 + 11^0 + 25^2 = 71 + 101 + 110 + 110 + 252 \\
 644 &:= 7^1 + 8^0 + 10^1 + 14^0 + 25^2 = 71 + 80 + 101 + 140 + 252 \\
 644 &:= 7^1 + 9^0 + 10^1 + 13^0 + 25^2 = 71 + 90 + 101 + 130 + 252
 \end{aligned}$$

$$\begin{aligned}
 644 &:= 8^0 + 8^1 + 9^1 + 14^0 + 25^2 = 80 + 81 + 91 + 140 + 252 \\
 644 &:= 8^1 + 9^0 + 9^1 + 13^0 + 25^2 = 81 + 90 + 91 + 130 + 252 \\
 644 &:= 8^1 + 9^1 + 10^0 + 12^0 + 25^2 = 81 + 91 + 100 + 120 + 252 \\
 644 &:= 8^1 + 9^1 + 11^0 + 11^0 + 25^2 = 81 + 91 + 110 + 110 + 252
 \end{aligned}$$

2.2.546 Number 645

$$\begin{aligned}
 645 &:= 5^4 + 19^1 + 40^0 = 54 + 191 + 400 \\
 645 &:= 1^0 + 5^4 + 18^1 + 40^0 = 10 + 54 + 181 + 400 \\
 645 &:= 1^2 + 18^1 + 20^0 + 25^2 = 12 + 181 + 200 + 252 \\
 645 &:= 1^3 + 2^9 + 9^2 + 51^1 = 13 + 29 + 92 + 511 \\
 645 &:= 1^7 + 2^5 + 24^2 + 36^1 = 17 + 25 + 242 + 361 \\
 645 &:= 1^7 + 3^4 + 8^3 + 51^1 = 17 + 34 + 83 + 511 \\
 645 &:= 1^7 + 3^5 + 19^2 + 40^1 = 17 + 35 + 192 + 401 \\
 645 &:= 1^8 + 3^5 + 20^2 + 39^0 = 18 + 35 + 202 + 390 \\
 645 &:= 1^9 + 5^3 + 22^2 + 35^1 = 19 + 53 + 222 + 351 \\
 645 &:= 10^0 + 15^2 + 19^1 + 20^2 = 100 + 152 + 191 + 202 \\
 645 &:= 10^2 + 15^1 + 16^0 + 23^2 = 102 + 151 + 160 + 232 \\
 645 &:= 12^2 + 14^0 + 16^1 + 22^2 = 122 + 140 + 161 + 222 \\
 645 &:= 2^0 + 16^2 + 19^2 + 27^1 = 20 + 162 + 192 + 271 \\
 645 &:= 2^0 + 5^4 + 18^1 + 39^0 = 20 + 54 + 181 + 390 \\
 645 &:= 2^0 + 6^2 + 24^2 + 32^1 = 20 + 62 + 242 + 321 \\
 645 &:= 2^2 + 15^1 + 22^0 + 25^2 = 22 + 151 + 220 + 252 \\
 645 &:= 2^9 + 4^2 + 4^3 + 53^1 = 29 + 42 + 43 + 531 \\
 645 &:= 3^0 + 5^4 + 18^1 + 38^0 = 30 + 54 + 181 + 380 \\
 645 &:= 3^1 + 4^2 + 25^2 + 32^0 = 31 + 42 + 252 + 320 \\
 645 &:= 3^2 + 10^1 + 25^2 + 26^0 = 32 + 101 + 252 + 260 \\
 645 &:= 4^0 + 5^4 + 18^1 + 37^0 = 40 + 54 + 181 + 370 \\
 645 &:= 4^1 + 8^2 + 24^2 + 28^0 = 41 + 82 + 242 + 280 \\
 645 &:= 5^0 + 5^4 + 18^1 + 36^0 = 50 + 54 + 181 + 360 \\
 645 &:= 5^4 + 10^0 + 18^1 + 31^0 = 54 + 100 + 181 + 310 \\
 645 &:= 5^4 + 11^0 + 18^1 + 30^0 = 54 + 110 + 181 + 300 \\
 645 &:= 5^4 + 12^0 + 18^1 + 29^0 = 54 + 120 + 181 + 290 \\
 645 &:= 5^4 + 13^0 + 18^1 + 28^0 = 54 + 130 + 181 + 280 \\
 645 &:= 5^4 + 14^0 + 18^1 + 27^0 = 54 + 140 + 181 + 270 \\
 645 &:= 5^4 + 15^0 + 18^1 + 26^0 = 54 + 150 + 181 + 260 \\
 645 &:= 5^4 + 16^0 + 18^1 + 25^0 = 54 + 160 + 181 + 250
 \end{aligned}$$

$$\begin{aligned}
 645 &:= 5^4 + 17^0 + 18^1 + 24^0 = 54 + 170 + 181 + 240 \\
 645 &:= 5^4 + 18^0 + 18^1 + 23^0 = 54 + 180 + 181 + 230 \\
 645 &:= 5^4 + 18^1 + 19^0 + 22^0 = 54 + 181 + 190 + 220 \\
 645 &:= 5^4 + 18^1 + 20^0 + 21^0 = 54 + 181 + 200 + 210 \\
 645 &:= 5^4 + 6^0 + 18^1 + 35^0 = 54 + 60 + 181 + 350 \\
 645 &:= 5^4 + 7^0 + 18^1 + 34^0 = 54 + 70 + 181 + 340 \\
 645 &:= 5^4 + 8^0 + 18^1 + 33^0 = 54 + 80 + 181 + 330 \\
 645 &:= 5^4 + 9^0 + 18^1 + 32^0 = 54 + 90 + 181 + 320 \\
 645 &:= 7^1 + 14^2 + 21^2 + 22^0 = 71 + 142 + 212 + 220 \\
 645 &:= 7^2 + 14^0 + 19^1 + 24^2 = 72 + 140 + 191 + 242 \\
 645 &:= 1^0 + 1^2 + 17^1 + 20^0 + 25^2 = 10 + 12 + 171 + 200 + 252 \\
 645 &:= 1^0 + 10^0 + 15^2 + 18^1 + 20^2 = 10 + 100 + 152 + 181 + 202 \\
 645 &:= 1^0 + 10^2 + 14^1 + 16^0 + 23^2 = 10 + 102 + 141 + 160 + 232 \\
 645 &:= 1^0 + 12^2 + 14^0 + 15^1 + 22^2 = 10 + 122 + 140 + 151 + 222 \\
 645 &:= 1^0 + 2^0 + 16^2 + 19^2 + 26^1 = 10 + 20 + 162 + 192 + 261 \\
 645 &:= 1^0 + 2^2 + 14^1 + 22^0 + 25^2 = 10 + 22 + 141 + 220 + 252 \\
 645 &:= 1^0 + 3^2 + 9^1 + 25^2 + 26^0 = 10 + 32 + 91 + 252 + 260 \\
 645 &:= 1^0 + 5^4 + 14^0 + 17^1 + 27^0 = 10 + 54 + 140 + 171 + 270 \\
 645 &:= 1^0 + 5^4 + 15^0 + 17^1 + 26^0 = 10 + 54 + 150 + 171 + 260 \\
 645 &:= 1^0 + 5^4 + 16^0 + 17^1 + 25^0 = 10 + 54 + 160 + 171 + 250 \\
 645 &:= 1^0 + 5^4 + 17^0 + 17^1 + 24^0 = 10 + 54 + 170 + 171 + 240 \\
 645 &:= 1^0 + 5^4 + 17^1 + 18^0 + 23^0 = 10 + 54 + 171 + 180 + 230 \\
 645 &:= 1^0 + 5^4 + 17^1 + 19^0 + 22^0 = 10 + 54 + 171 + 190 + 220 \\
 645 &:= 1^0 + 5^4 + 17^1 + 20^0 + 21^0 = 10 + 54 + 171 + 200 + 210 \\
 645 &:= 1^0 + 6^1 + 14^2 + 21^2 + 22^0 = 10 + 61 + 142 + 212 + 220 \\
 645 &:= 1^0 + 7^2 + 14^0 + 18^1 + 24^2 = 10 + 72 + 140 + 181 + 242 \\
 645 &:= 1^1 + 1^1 + 17^1 + 20^0 + 25^2 = 11 + 11 + 171 + 200 + 252 \\
 645 &:= 1^1 + 1^9 + 16^2 + 19^2 + 26^1 = 11 + 19 + 162 + 192 + 261 \\
 645 &:= 1^1 + 2^1 + 16^1 + 20^0 + 25^2 = 11 + 21 + 161 + 200 + 252 \\
 645 &:= 1^1 + 3^1 + 15^1 + 20^0 + 25^2 = 11 + 31 + 151 + 200 + 252
 \end{aligned}$$

$$\begin{aligned} 645 &:= 1^1 + 4^1 + 14^1 + 20^0 + 25^2 = 11 + 41 + 141 + 200 + 252 & 645 &:= 1^6 + 3^4 + 8^3 + 24^1 + 27^1 = 16 + 34 + 83 + 241 + 271 \\ 645 &:= 1^1 + 5^1 + 13^1 + 20^0 + 25^2 = 11 + 51 + 131 + 200 + 252 & 645 &:= 1^6 + 3^4 + 8^3 + 25^1 + 26^1 = 16 + 34 + 83 + 251 + 261 \\ 645 &:= 1^1 + 6^1 + 12^1 + 20^0 + 25^2 = 11 + 61 + 121 + 200 + 252 & 645 &:= 1^6 + 3^5 + 13^1 + 19^2 + 27^1 = 16 + 35 + 131 + 192 + 271 \\ 645 &:= 1^1 + 7^1 + 11^1 + 20^0 + 25^2 = 11 + 71 + 111 + 200 + 252 & 645 &:= 1^6 + 3^5 + 14^1 + 19^2 + 26^1 = 16 + 35 + 141 + 192 + 261 \\ 645 &:= 1^1 + 8^1 + 10^1 + 20^0 + 25^2 = 11 + 81 + 101 + 200 + 252 & 645 &:= 1^6 + 3^5 + 15^1 + 19^2 + 25^1 = 16 + 35 + 151 + 192 + 251 \\ 645 &:= 1^1 + 9^1 + 9^1 + 20^0 + 25^2 = 11 + 91 + 91 + 200 + 252 & 645 &:= 1^6 + 3^5 + 16^1 + 19^2 + 24^1 = 16 + 35 + 161 + 192 + 241 \\ 645 &:= 1^2 + 1^8 + 16^2 + 19^2 + 26^1 = 12 + 18 + 162 + 192 + 261 & 645 &:= 1^6 + 3^5 + 17^1 + 19^2 + 23^1 = 16 + 35 + 171 + 192 + 231 \\ 645 &:= 1^2 + 10^0 + 11^0 + 17^1 + 25^2 = 12 + 100 + 110 + 171 + 252 & 645 &:= 1^6 + 3^5 + 18^1 + 19^2 + 22^1 = 16 + 35 + 181 + 192 + 221 \\ 645 &:= 1^2 + 2^0 + 17^1 + 19^0 + 25^2 = 12 + 20 + 171 + 190 + 252 & 645 &:= 1^6 + 3^5 + 19^1 + 19^2 + 21^1 = 16 + 35 + 191 + 192 + 211 \\ 645 &:= 1^2 + 2^9 + 9^2 + 24^1 + 27^1 = 12 + 29 + 92 + 241 + 271 & 645 &:= 1^6 + 3^5 + 19^2 + 20^1 + 20^1 = 16 + 35 + 192 + 201 + 201 \\ 645 &:= 1^2 + 2^9 + 9^2 + 25^1 + 26^1 = 12 + 29 + 92 + 251 + 261 & 645 &:= 1^7 + 2^3 + 13^2 + 21^2 + 26^1 = 17 + 23 + 132 + 212 + 261 \\ 645 &:= 1^2 + 3^0 + 17^1 + 18^0 + 25^2 = 12 + 30 + 171 + 180 + 252 & 645 &:= 1^7 + 3^4 + 11^2 + 21^2 + 27^0 = 17 + 34 + 112 + 212 + 270 \\ 645 &:= 1^2 + 4^0 + 17^0 + 17^1 + 25^2 = 12 + 40 + 170 + 171 + 252 & 645 &:= 1^7 + 5^3 + 13^2 + 18^2 + 26^1 = 17 + 53 + 132 + 182 + 261 \\ 645 &:= 1^2 + 5^0 + 16^0 + 17^1 + 25^2 = 12 + 50 + 160 + 171 + 252 & 645 &:= 1^8 + 12^2 + 15^2 + 16^2 + 19^1 = 18 + 122 + 152 + 162 + 191 \\ 645 &:= 1^2 + 6^0 + 15^0 + 17^1 + 25^2 = 12 + 60 + 150 + 171 + 252 & 645 &:= 1^8 + 3^2 + 13^2 + 21^2 + 25^1 = 18 + 32 + 132 + 212 + 251 \\ 645 &:= 1^2 + 7^0 + 14^0 + 17^1 + 25^2 = 12 + 70 + 140 + 171 + 252 & 645 &:= 1^8 + 4^4 + 13^0 + 19^2 + 26^1 = 18 + 44 + 130 + 192 + 261 \\ 645 &:= 1^2 + 8^0 + 13^0 + 17^1 + 25^2 = 12 + 80 + 130 + 171 + 252 & 645 &:= 1^8 + 5^2 + 14^2 + 20^2 + 23^1 = 18 + 52 + 142 + 202 + 231 \\ 645 &:= 1^2 + 9^0 + 12^0 + 17^1 + 25^2 = 12 + 90 + 120 + 171 + 252 & 645 &:= 1^8 + 5^2 + 8^2 + 23^2 + 26^1 = 18 + 52 + 82 + 232 + 261 \\ 645 &:= 1^3 + 1^7 + 16^2 + 19^2 + 26^1 = 13 + 17 + 162 + 192 + 261 & 645 &:= 1^8 + 5^3 + 10^1 + 22^2 + 25^1 = 18 + 53 + 101 + 222 + 251 \\ 645 &:= 1^3 + 1^9 + 17^1 + 19^0 + 25^2 = 13 + 19 + 171 + 190 + 252 & 645 &:= 1^8 + 5^3 + 11^1 + 22^2 + 24^1 = 18 + 53 + 111 + 222 + 241 \\ 645 &:= 1^4 + 1^6 + 16^2 + 19^2 + 26^1 = 14 + 16 + 162 + 192 + 261 & 645 &:= 1^8 + 5^3 + 12^1 + 22^2 + 23^1 = 18 + 53 + 121 + 222 + 231 \\ 645 &:= 1^4 + 1^8 + 17^1 + 19^0 + 25^2 = 14 + 18 + 171 + 190 + 252 & 645 &:= 1^8 + 5^3 + 13^1 + 22^1 + 22^2 = 18 + 53 + 131 + 221 + 222 \\ 645 &:= 1^4 + 2^8 + 15^0 + 19^2 + 26^1 = 14 + 28 + 150 + 192 + 261 & 645 &:= 1^8 + 5^3 + 14^1 + 21^1 + 22^2 = 18 + 53 + 141 + 211 + 222 \\ 645 &:= 1^5 + 1^5 + 16^2 + 19^2 + 26^1 = 15 + 15 + 162 + 192 + 261 & 645 &:= 1^8 + 5^3 + 15^1 + 20^1 + 22^2 = 18 + 53 + 151 + 201 + 222 \\ 645 &:= 1^5 + 1^7 + 17^1 + 19^0 + 25^2 = 15 + 17 + 171 + 190 + 252 & 645 &:= 1^8 + 5^3 + 16^1 + 19^1 + 22^2 = 18 + 53 + 161 + 191 + 222 \\ 645 &:= 1^5 + 2^5 + 12^2 + 21^2 + 27^1 = 15 + 25 + 122 + 212 + 271 & 645 &:= 1^8 + 5^3 + 17^1 + 18^1 + 22^2 = 18 + 53 + 171 + 181 + 222 \\ 645 &:= 1^5 + 2^5 + 15^2 + 19^2 + 26^1 = 15 + 25 + 152 + 192 + 261 & 645 &:= 1^8 + 5^3 + 8^1 + 22^2 + 27^1 = 18 + 53 + 81 + 222 + 271 \\ 645 &:= 1^6 + 1^6 + 17^1 + 19^0 + 25^2 = 16 + 16 + 171 + 190 + 252 & 645 &:= 1^8 + 5^3 + 9^1 + 22^2 + 26^1 = 18 + 53 + 91 + 222 + 261 \\ 645 &:= 1^6 + 2^5 + 10^1 + 24^2 + 26^1 = 16 + 25 + 101 + 242 + 261 & 645 &:= 1^8 + 6^2 + 10^2 + 22^2 + 24^1 = 18 + 62 + 102 + 222 + 241 \\ 645 &:= 1^6 + 2^5 + 11^1 + 24^2 + 25^1 = 16 + 25 + 111 + 242 + 251 & 645 &:= 1^8 + 6^2 + 12^2 + 21^2 + 23^1 = 18 + 62 + 122 + 212 + 231 \\ 645 &:= 1^6 + 2^5 + 12^1 + 24^1 + 24^2 = 16 + 25 + 121 + 241 + 242 & 645 &:= 1^8 + 6^2 + 15^2 + 19^2 + 22^1 = 18 + 62 + 152 + 192 + 221 \\ 645 &:= 1^6 + 2^5 + 13^1 + 23^1 + 24^2 = 16 + 25 + 131 + 231 + 242 & 645 &:= 1^8 + 9^2 + 10^2 + 21^2 + 22^1 = 18 + 92 + 102 + 212 + 221 \\ 645 &:= 1^6 + 2^5 + 14^1 + 22^1 + 24^2 = 16 + 25 + 141 + 221 + 242 & 645 &:= 1^9 + 10^1 + 16^2 + 17^1 + 19^2 = 19 + 101 + 162 + 171 + 192 \\ 645 &:= 1^6 + 2^5 + 15^1 + 21^1 + 24^2 = 16 + 25 + 151 + 211 + 242 & 645 &:= 1^9 + 11^1 + 16^1 + 16^2 + 19^2 = 19 + 111 + 161 + 162 + 192 \\ 645 &:= 1^6 + 2^5 + 16^1 + 20^1 + 24^2 = 16 + 25 + 161 + 201 + 242 & 645 &:= 1^9 + 12^1 + 15^1 + 16^2 + 19^2 = 19 + 121 + 151 + 162 + 192 \\ 645 &:= 1^6 + 2^5 + 17^1 + 19^1 + 24^2 = 16 + 25 + 171 + 191 + 242 & 645 &:= 1^9 + 13^1 + 14^1 + 16^2 + 19^2 = 19 + 131 + 141 + 162 + 192 \\ 645 &:= 1^6 + 2^5 + 18^1 + 18^1 + 24^2 = 16 + 25 + 181 + 181 + 242 & 645 &:= 1^9 + 2^1 + 16^2 + 19^2 + 25^1 = 19 + 21 + 162 + 192 + 251 \\ 645 &:= 1^6 + 2^5 + 9^1 + 24^2 + 27^1 = 16 + 25 + 91 + 242 + 271 & 645 &:= 1^9 + 2^3 + 10^1 + 25^0 + 25^2 = 19 + 23 + 101 + 250 + 252 \end{aligned}$$

$$\begin{aligned} 645 &:= 1^9 + 3^1 + 16^2 + 19^2 + 24^1 = 19 + 31 + 162 + 192 + 241 & 645 &:= 2^1 + 2^1 + 15^1 + 20^0 + 25^2 = 21 + 21 + 151 + 200 + 252 \\ 645 &:= 1^9 + 4^1 + 16^2 + 19^2 + 23^1 = 19 + 41 + 162 + 192 + 231 & 645 &:= 2^1 + 3^1 + 14^1 + 20^0 + 25^2 = 21 + 31 + 141 + 200 + 252 \\ 645 &:= 1^9 + 5^1 + 16^2 + 19^2 + 22^1 = 19 + 51 + 162 + 192 + 221 & 645 &:= 2^1 + 4^1 + 13^1 + 20^0 + 25^2 = 21 + 41 + 131 + 200 + 252 \\ 645 &:= 1^9 + 5^1 + 6^2 + 24^2 + 27^1 = 19 + 51 + 62 + 242 + 271 & 645 &:= 2^1 + 4^2 + 10^0 + 23^0 + 25^2 = 21 + 42 + 100 + 230 + 252 \\ 645 &:= 1^9 + 6^1 + 16^2 + 19^2 + 21^1 = 19 + 61 + 162 + 192 + 211 & 645 &:= 2^1 + 4^2 + 11^0 + 22^0 + 25^2 = 21 + 42 + 110 + 220 + 252 \\ 645 &:= 1^9 + 6^1 + 6^2 + 24^2 + 26^1 = 19 + 61 + 62 + 242 + 261 & 645 &:= 2^1 + 4^2 + 12^0 + 21^0 + 25^2 = 21 + 42 + 120 + 210 + 252 \\ 645 &:= 1^9 + 6^2 + 10^1 + 22^1 + 24^2 = 19 + 62 + 101 + 221 + 242 & 645 &:= 2^1 + 4^2 + 13^0 + 20^0 + 25^2 = 21 + 42 + 130 + 200 + 252 \\ 645 &:= 1^9 + 6^2 + 11^1 + 21^1 + 24^2 = 19 + 62 + 111 + 211 + 242 & 645 &:= 2^1 + 4^2 + 14^0 + 19^0 + 25^2 = 21 + 42 + 140 + 190 + 252 \\ 645 &:= 1^9 + 6^2 + 12^1 + 20^1 + 24^2 = 19 + 62 + 121 + 201 + 242 & 645 &:= 2^1 + 4^2 + 15^0 + 18^0 + 25^2 = 21 + 42 + 150 + 180 + 252 \\ 645 &:= 1^9 + 6^2 + 13^1 + 19^1 + 24^2 = 19 + 62 + 131 + 191 + 242 & 645 &:= 2^1 + 4^2 + 16^0 + 17^0 + 25^2 = 21 + 42 + 160 + 170 + 252 \\ 645 &:= 1^9 + 6^2 + 14^1 + 18^1 + 24^2 = 19 + 62 + 141 + 181 + 242 & 645 &:= 2^1 + 4^2 + 6^0 + 25^2 + 27^0 = 21 + 42 + 60 + 252 + 270 \\ 645 &:= 1^9 + 6^2 + 15^1 + 17^1 + 24^2 = 19 + 62 + 151 + 171 + 242 & 645 &:= 2^1 + 4^2 + 7^0 + 25^2 + 26^0 = 21 + 42 + 70 + 252 + 260 \\ 645 &:= 1^9 + 6^2 + 16^1 + 16^1 + 24^2 = 19 + 62 + 161 + 161 + 242 & 645 &:= 2^1 + 4^2 + 8^0 + 25^0 + 25^2 = 21 + 42 + 80 + 250 + 252 \\ 645 &:= 1^9 + 6^2 + 7^1 + 24^2 + 25^1 = 19 + 62 + 71 + 242 + 251 & 645 &:= 2^1 + 4^2 + 9^0 + 24^0 + 25^2 = 21 + 42 + 90 + 240 + 252 \\ 645 &:= 1^9 + 6^2 + 8^1 + 24^1 + 24^2 = 19 + 62 + 81 + 241 + 242 & 645 &:= 2^1 + 5^1 + 12^1 + 20^0 + 25^2 = 21 + 51 + 121 + 200 + 252 \\ 645 &:= 1^9 + 6^2 + 9^1 + 23^1 + 24^2 = 19 + 62 + 91 + 231 + 242 & 645 &:= 2^1 + 6^1 + 11^1 + 20^0 + 25^2 = 21 + 61 + 111 + 200 + 252 \\ 645 &:= 1^9 + 6^3 + 9^0 + 20^2 + 27^1 = 19 + 63 + 90 + 202 + 271 & 645 &:= 2^1 + 7^1 + 10^1 + 20^0 + 25^2 = 21 + 71 + 101 + 200 + 252 \\ 645 &:= 1^9 + 7^1 + 16^2 + 19^2 + 20^1 = 19 + 71 + 162 + 192 + 201 & 645 &:= 2^1 + 8^1 + 9^1 + 20^0 + 25^2 = 21 + 81 + 91 + 200 + 252 \\ 645 &:= 1^9 + 7^3 + 11^1 + 17^2 + 27^0 = 19 + 73 + 111 + 172 + 270 & 645 &:= 2^2 + 10^0 + 13^0 + 14^1 + 25^2 = 22 + 100 + 130 + 141 + 252 \\ 645 &:= 1^9 + 8^1 + 16^2 + 19^1 + 19^2 = 19 + 81 + 162 + 191 + 192 & 645 &:= 2^2 + 11^0 + 12^0 + 14^1 + 25^2 = 22 + 110 + 120 + 141 + 252 \\ 645 &:= 1^9 + 9^1 + 16^2 + 18^1 + 19^2 = 19 + 91 + 162 + 181 + 192 & 645 &:= 2^2 + 3^0 + 14^1 + 20^0 + 25^2 = 22 + 30 + 141 + 200 + 252 \\ 645 &:= 1^9 + 9^2 + 11^2 + 21^0 + 21^2 = 19 + 92 + 112 + 210 + 212 & 645 &:= 2^2 + 4^0 + 14^1 + 19^0 + 25^2 = 22 + 40 + 141 + 190 + 252 \\ 645 &:= 2^0 + 10^2 + 14^1 + 15^0 + 23^2 = 20 + 102 + 141 + 150 + 232 & 645 &:= 2^2 + 5^0 + 14^1 + 18^0 + 25^2 = 22 + 50 + 141 + 180 + 252 \\ 645 &:= 2^0 + 12^2 + 13^0 + 15^1 + 22^2 = 20 + 122 + 130 + 151 + 222 & 645 &:= 2^2 + 6^0 + 14^1 + 17^0 + 25^2 = 22 + 60 + 141 + 170 + 252 \\ 645 &:= 2^0 + 2^2 + 14^1 + 21^0 + 25^2 = 20 + 22 + 141 + 210 + 252 & 645 &:= 2^2 + 7^0 + 14^1 + 16^0 + 25^2 = 22 + 70 + 141 + 160 + 252 \\ 645 &:= 2^0 + 3^1 + 8^2 + 24^2 + 27^0 = 20 + 31 + 82 + 242 + 270 & 645 &:= 2^2 + 8^0 + 14^1 + 15^0 + 25^2 = 22 + 80 + 141 + 150 + 252 \\ 645 &:= 2^0 + 3^2 + 9^1 + 25^0 + 25^2 = 20 + 32 + 91 + 250 + 252 & 645 &:= 2^2 + 9^0 + 14^0 + 14^1 + 25^2 = 22 + 90 + 140 + 141 + 252 \\ 645 &:= 2^0 + 5^4 + 13^0 + 17^1 + 27^0 = 20 + 54 + 130 + 171 + 270 & 645 &:= 2^3 + 2^9 + 10^2 + 24^1 + 25^0 = 23 + 29 + 102 + 241 + 250 \\ 645 &:= 2^0 + 5^4 + 14^0 + 17^1 + 26^0 = 20 + 54 + 140 + 171 + 260 & 645 &:= 2^7 + 3^5 + 16^2 + 17^1 + 25^0 = 27 + 35 + 162 + 171 + 250 \\ 645 &:= 2^0 + 5^4 + 15^0 + 17^1 + 25^0 = 20 + 54 + 150 + 171 + 250 & 645 &:= 2^7 + 5^3 + 7^3 + 22^1 + 27^1 = 27 + 53 + 73 + 221 + 271 \\ 645 &:= 2^0 + 5^4 + 16^0 + 17^1 + 24^0 = 20 + 54 + 160 + 171 + 240 & 645 &:= 2^7 + 5^3 + 7^3 + 23^1 + 26^1 = 27 + 53 + 73 + 231 + 261 \\ 645 &:= 2^0 + 5^4 + 17^0 + 17^1 + 23^0 = 20 + 54 + 170 + 171 + 230 & 645 &:= 2^7 + 5^3 + 7^3 + 24^1 + 25^1 = 27 + 53 + 73 + 241 + 251 \\ 645 &:= 2^0 + 5^4 + 17^1 + 18^0 + 22^0 = 20 + 54 + 171 + 180 + 220 & 645 &:= 2^8 + 3^4 + 17^2 + 18^1 + 23^0 = 28 + 34 + 172 + 181 + 230 \\ 645 &:= 2^0 + 5^4 + 17^1 + 19^0 + 21^0 = 20 + 54 + 171 + 190 + 210 & 645 &:= 2^8 + 3^5 + 12^2 + 19^0 + 27^0 = 28 + 35 + 122 + 190 + 270 \\ 645 &:= 2^0 + 5^4 + 17^1 + 20^0 + 20^0 = 20 + 54 + 171 + 200 + 200 & 645 &:= 2^8 + 3^5 + 12^2 + 20^0 + 26^0 = 28 + 35 + 122 + 200 + 260 \\ 645 &:= 2^0 + 6^1 + 14^2 + 21^0 + 21^2 = 20 + 61 + 142 + 210 + 212 & 645 &:= 2^8 + 3^5 + 12^2 + 21^0 + 25^0 = 28 + 35 + 122 + 210 + 250 \\ 645 &:= 2^0 + 7^2 + 13^0 + 18^1 + 24^2 = 20 + 72 + 130 + 181 + 242 & 645 &:= 2^8 + 3^5 + 12^2 + 22^0 + 24^0 = 28 + 35 + 122 + 220 + 240 \\ 645 &:= 2^0 + 9^0 + 15^2 + 18^1 + 20^2 = 20 + 90 + 152 + 181 + 202 & 645 &:= 2^8 + 3^5 + 12^2 + 23^0 + 23^0 = 28 + 35 + 122 + 230 + 230 \end{aligned}$$

$$\begin{aligned} 645 &:= 2^9 + 3^3 + 9^2 + 24^1 + 25^0 = 29 + 33 + 92 + 241 + 250 & 645 &:= 3^1 + 8^2 + 9^0 + 20^0 + 24^2 = 31 + 82 + 90 + 200 + 242 \\ 645 &:= 2^9 + 3^4 + 7^0 + 24^1 + 27^1 = 29 + 34 + 70 + 241 + 271 & 645 &:= 3^2 + 4^0 + 9^1 + 23^0 + 25^2 = 32 + 40 + 91 + 230 + 252 \\ 645 &:= 2^9 + 3^4 + 7^0 + 25^1 + 26^1 = 29 + 34 + 70 + 251 + 261 & 645 &:= 3^2 + 5^0 + 9^1 + 22^0 + 25^2 = 32 + 50 + 91 + 220 + 252 \\ 645 &:= 2^9 + 6^2 + 7^2 + 21^1 + 27^1 = 29 + 62 + 72 + 211 + 271 & 645 &:= 3^2 + 6^0 + 9^1 + 21^0 + 25^2 = 32 + 60 + 91 + 210 + 252 \\ 645 &:= 2^9 + 6^2 + 7^2 + 22^1 + 26^1 = 29 + 62 + 72 + 221 + 261 & 645 &:= 3^2 + 7^0 + 9^1 + 20^0 + 25^2 = 32 + 70 + 91 + 200 + 252 \\ 645 &:= 2^9 + 6^2 + 7^2 + 23^1 + 25^1 = 29 + 62 + 72 + 231 + 251 & 645 &:= 3^2 + 8^0 + 9^1 + 19^0 + 25^2 = 32 + 80 + 91 + 190 + 252 \\ 645 &:= 2^9 + 6^2 + 7^2 + 24^1 + 24^1 = 29 + 62 + 72 + 241 + 241 & 645 &:= 3^2 + 9^0 + 9^1 + 18^0 + 25^2 = 32 + 90 + 91 + 180 + 252 \\ 645 &:= 3^0 + 10^2 + 14^0 + 14^1 + 23^2 = 30 + 102 + 140 + 141 + 232 & 645 &:= 3^2 + 9^1 + 10^0 + 17^0 + 25^2 = 32 + 91 + 100 + 170 + 252 \\ 645 &:= 3^0 + 12^0 + 12^2 + 15^1 + 22^2 = 30 + 120 + 122 + 151 + 222 & 645 &:= 3^2 + 9^1 + 11^0 + 16^0 + 25^2 = 32 + 91 + 110 + 160 + 252 \\ 645 &:= 3^0 + 3^1 + 8^2 + 24^2 + 26^0 = 30 + 31 + 82 + 242 + 260 & 645 &:= 3^2 + 9^1 + 12^0 + 15^0 + 25^2 = 32 + 91 + 120 + 150 + 252 \\ 645 &:= 3^0 + 3^2 + 9^1 + 24^0 + 25^2 = 30 + 32 + 91 + 240 + 252 & 645 &:= 3^2 + 9^1 + 13^0 + 14^0 + 25^2 = 32 + 91 + 130 + 140 + 252 \\ 645 &:= 3^0 + 5^4 + 12^0 + 17^1 + 27^0 = 30 + 54 + 120 + 171 + 270 & 645 &:= 4^0 + 10^2 + 13^0 + 14^1 + 23^2 = 40 + 102 + 130 + 141 + 232 \\ 645 &:= 3^0 + 5^4 + 13^0 + 17^1 + 26^0 = 30 + 54 + 130 + 171 + 260 & 645 &:= 4^0 + 11^0 + 12^2 + 15^1 + 22^2 = 40 + 110 + 122 + 151 + 222 \\ 645 &:= 3^0 + 5^4 + 14^0 + 17^1 + 25^0 = 30 + 54 + 140 + 171 + 250 & 645 &:= 4^0 + 5^4 + 11^0 + 17^1 + 27^0 = 40 + 54 + 110 + 171 + 270 \\ 645 &:= 3^0 + 5^4 + 15^0 + 17^1 + 24^0 = 30 + 54 + 150 + 171 + 240 & 645 &:= 4^0 + 5^4 + 12^0 + 17^1 + 26^0 = 40 + 54 + 120 + 171 + 260 \\ 645 &:= 3^0 + 5^4 + 16^0 + 17^1 + 23^0 = 30 + 54 + 160 + 171 + 230 & 645 &:= 4^0 + 5^4 + 13^0 + 17^1 + 25^0 = 40 + 54 + 130 + 171 + 250 \\ 645 &:= 3^0 + 5^4 + 17^0 + 17^1 + 22^0 = 30 + 54 + 170 + 171 + 220 & 645 &:= 4^0 + 5^4 + 14^0 + 17^1 + 24^0 = 40 + 54 + 140 + 171 + 240 \\ 645 &:= 3^0 + 5^4 + 17^1 + 18^0 + 21^0 = 30 + 54 + 171 + 180 + 210 & 645 &:= 4^0 + 5^4 + 15^0 + 17^1 + 23^0 = 40 + 54 + 150 + 171 + 230 \\ 645 &:= 3^0 + 5^4 + 17^1 + 19^0 + 20^0 = 30 + 54 + 171 + 190 + 200 & 645 &:= 4^0 + 5^4 + 16^0 + 17^1 + 22^0 = 40 + 54 + 160 + 171 + 220 \\ 645 &:= 3^0 + 6^1 + 14^2 + 20^0 + 21^2 = 30 + 61 + 142 + 200 + 212 & 645 &:= 4^0 + 5^4 + 17^0 + 17^1 + 21^0 = 40 + 54 + 170 + 171 + 210 \\ 645 &:= 3^0 + 7^2 + 12^0 + 18^1 + 24^2 = 30 + 72 + 120 + 181 + 242 & 645 &:= 4^0 + 5^4 + 17^1 + 18^0 + 20^0 = 40 + 54 + 171 + 180 + 200 \\ 645 &:= 3^0 + 8^0 + 15^2 + 18^1 + 20^2 = 30 + 80 + 152 + 181 + 202 & 645 &:= 4^0 + 5^4 + 17^1 + 19^0 + 19^0 = 40 + 54 + 171 + 190 + 190 \\ 645 &:= 3^1 + 3^1 + 13^1 + 20^0 + 25^2 = 31 + 31 + 131 + 200 + 252 & 645 &:= 4^0 + 6^1 + 14^2 + 19^0 + 21^2 = 40 + 61 + 142 + 190 + 212 \\ 645 &:= 3^1 + 4^0 + 8^2 + 24^2 + 25^0 = 31 + 40 + 82 + 242 + 250 & 645 &:= 4^0 + 7^0 + 15^2 + 18^1 + 20^2 = 40 + 70 + 152 + 181 + 202 \\ 645 &:= 3^1 + 4^1 + 12^1 + 20^0 + 25^2 = 31 + 41 + 121 + 200 + 252 & 645 &:= 4^0 + 7^2 + 11^0 + 18^1 + 24^2 = 40 + 72 + 110 + 181 + 242 \\ 645 &:= 3^1 + 5^0 + 8^2 + 24^0 + 24^2 = 31 + 50 + 82 + 240 + 242 & 645 &:= 4^1 + 4^1 + 11^1 + 20^0 + 25^2 = 41 + 41 + 111 + 200 + 252 \\ 645 &:= 3^1 + 5^1 + 11^1 + 20^0 + 25^2 = 31 + 51 + 111 + 200 + 252 & 645 &:= 4^1 + 5^1 + 10^1 + 20^0 + 25^2 = 41 + 51 + 101 + 200 + 252 \\ 645 &:= 3^1 + 6^0 + 8^2 + 23^0 + 24^2 = 31 + 60 + 82 + 230 + 242 & 645 &:= 4^1 + 6^1 + 9^1 + 20^0 + 25^2 = 41 + 61 + 91 + 200 + 252 \\ 645 &:= 3^1 + 6^1 + 10^1 + 20^0 + 25^2 = 31 + 61 + 101 + 200 + 252 & 645 &:= 4^1 + 7^1 + 8^1 + 20^0 + 25^2 = 41 + 71 + 81 + 200 + 252 \\ 645 &:= 3^1 + 7^0 + 8^2 + 22^0 + 24^2 = 31 + 70 + 82 + 220 + 242 & 645 &:= 5^0 + 10^0 + 12^2 + 15^1 + 22^2 = 50 + 100 + 122 + 151 + 222 \\ 645 &:= 3^1 + 7^1 + 9^1 + 20^0 + 25^2 = 31 + 71 + 91 + 200 + 252 & 645 &:= 5^0 + 10^2 + 12^0 + 14^1 + 23^2 = 50 + 102 + 120 + 141 + 232 \\ 645 &:= 3^1 + 8^0 + 8^2 + 21^0 + 24^2 = 31 + 80 + 82 + 210 + 242 & 645 &:= 5^0 + 5^4 + 10^0 + 17^1 + 27^0 = 50 + 54 + 100 + 171 + 270 \\ 645 &:= 3^1 + 8^1 + 8^1 + 20^0 + 25^2 = 31 + 81 + 81 + 200 + 252 & 645 &:= 5^0 + 5^4 + 11^0 + 17^1 + 26^0 = 50 + 54 + 110 + 171 + 260 \\ 645 &:= 3^1 + 8^2 + 10^0 + 19^0 + 24^2 = 31 + 82 + 100 + 190 + 242 & 645 &:= 5^0 + 5^4 + 12^0 + 17^1 + 25^0 = 50 + 54 + 120 + 171 + 250 \\ 645 &:= 3^1 + 8^2 + 11^0 + 18^0 + 24^2 = 31 + 82 + 110 + 180 + 242 & 645 &:= 5^0 + 5^4 + 13^0 + 17^1 + 24^0 = 50 + 54 + 130 + 171 + 240 \\ 645 &:= 3^1 + 8^2 + 12^0 + 17^0 + 24^2 = 31 + 82 + 120 + 170 + 242 & 645 &:= 5^0 + 5^4 + 14^0 + 17^1 + 23^0 = 50 + 54 + 140 + 171 + 230 \\ 645 &:= 3^1 + 8^2 + 13^0 + 16^0 + 24^2 = 31 + 82 + 130 + 160 + 242 & 645 &:= 5^0 + 5^4 + 15^0 + 17^1 + 22^0 = 50 + 54 + 150 + 171 + 220 \\ 645 &:= 3^1 + 8^2 + 14^0 + 15^0 + 24^2 = 31 + 82 + 140 + 150 + 242 & 645 &:= 5^0 + 5^4 + 16^0 + 17^1 + 21^0 = 50 + 54 + 160 + 171 + 210 \end{aligned}$$

$$\begin{aligned} 645 &:= 5^0 + 5^4 + 17^0 + 17^1 + 20^0 = 50 + 54 + 170 + 171 + 200 & 645 &:= 5^4 + 7^0 + 11^0 + 17^1 + 24^0 = 54 + 70 + 110 + 171 + 240 \\ 645 &:= 5^0 + 5^4 + 17^1 + 18^0 + 19^0 = 50 + 54 + 171 + 180 + 190 & 645 &:= 5^4 + 7^0 + 12^0 + 17^1 + 23^0 = 54 + 70 + 120 + 171 + 230 \\ 645 &:= 5^0 + 6^0 + 15^2 + 18^1 + 20^2 = 50 + 60 + 152 + 181 + 202 & 645 &:= 5^4 + 7^0 + 13^0 + 17^1 + 22^0 = 54 + 70 + 130 + 171 + 220 \\ 645 &:= 5^0 + 6^1 + 14^2 + 18^0 + 21^2 = 50 + 61 + 142 + 180 + 212 & 645 &:= 5^4 + 7^0 + 14^0 + 17^1 + 21^0 = 54 + 70 + 140 + 171 + 210 \\ 645 &:= 5^0 + 7^2 + 10^0 + 18^1 + 24^2 = 50 + 72 + 100 + 181 + 242 & 645 &:= 5^4 + 7^0 + 15^0 + 17^1 + 20^0 = 54 + 70 + 150 + 171 + 200 \\ 645 &:= 5^1 + 5^1 + 9^1 + 20^0 + 25^2 = 51 + 51 + 91 + 200 + 252 & 645 &:= 5^4 + 7^0 + 16^0 + 17^1 + 19^0 = 54 + 70 + 160 + 171 + 190 \\ 645 &:= 5^1 + 6^1 + 8^1 + 20^0 + 25^2 = 51 + 61 + 81 + 200 + 252 & 645 &:= 5^4 + 7^0 + 17^0 + 17^1 + 18^0 = 54 + 70 + 170 + 171 + 180 \\ 645 &:= 5^1 + 7^1 + 7^1 + 20^0 + 25^2 = 51 + 71 + 71 + 200 + 252 & 645 &:= 5^4 + 7^0 + 8^0 + 17^1 + 27^0 = 54 + 70 + 80 + 171 + 270 \\ 645 &:= 5^4 + 10^0 + 10^0 + 17^1 + 22^0 = 54 + 100 + 100 + 171 + 220 & 645 &:= 5^4 + 7^0 + 9^0 + 17^1 + 26^0 = 54 + 70 + 90 + 171 + 260 \\ 645 &:= 5^4 + 10^0 + 11^0 + 17^1 + 21^0 = 54 + 100 + 110 + 171 + 210 & 645 &:= 5^4 + 8^0 + 10^0 + 17^1 + 24^0 = 54 + 80 + 100 + 171 + 240 \\ 645 &:= 5^4 + 10^0 + 12^0 + 17^1 + 20^0 = 54 + 100 + 120 + 171 + 200 & 645 &:= 5^4 + 8^0 + 11^0 + 17^1 + 23^0 = 54 + 80 + 110 + 171 + 230 \\ 645 &:= 5^4 + 10^0 + 13^0 + 17^1 + 19^0 = 54 + 100 + 130 + 171 + 190 & 645 &:= 5^4 + 8^0 + 12^0 + 17^1 + 22^0 = 54 + 80 + 120 + 171 + 220 \\ 645 &:= 5^4 + 10^0 + 14^0 + 17^1 + 18^0 = 54 + 100 + 140 + 171 + 180 & 645 &:= 5^4 + 8^0 + 13^0 + 17^1 + 21^0 = 54 + 80 + 130 + 171 + 210 \\ 645 &:= 5^4 + 10^0 + 15^0 + 17^0 + 17^1 = 54 + 100 + 150 + 170 + 171 & 645 &:= 5^4 + 8^0 + 14^0 + 17^1 + 20^0 = 54 + 80 + 140 + 171 + 200 \\ 645 &:= 5^4 + 10^0 + 16^0 + 16^0 + 17^1 = 54 + 100 + 160 + 160 + 171 & 645 &:= 5^4 + 8^0 + 15^0 + 17^1 + 19^0 = 54 + 80 + 150 + 171 + 190 \\ 645 &:= 5^4 + 11^0 + 11^0 + 17^1 + 20^0 = 54 + 110 + 110 + 171 + 200 & 645 &:= 5^4 + 8^0 + 16^0 + 17^1 + 18^0 = 54 + 80 + 160 + 171 + 180 \\ 645 &:= 5^4 + 11^0 + 12^0 + 17^1 + 19^0 = 54 + 110 + 120 + 171 + 190 & 645 &:= 5^4 + 8^0 + 17^0 + 17^0 + 17^1 = 54 + 80 + 170 + 170 + 171 \\ 645 &:= 5^4 + 11^0 + 13^0 + 17^1 + 18^0 = 54 + 110 + 130 + 171 + 180 & 645 &:= 5^4 + 8^0 + 8^0 + 17^1 + 26^0 = 54 + 80 + 80 + 171 + 260 \\ 645 &:= 5^4 + 11^0 + 14^0 + 17^0 + 17^1 = 54 + 110 + 140 + 170 + 171 & 645 &:= 5^4 + 8^0 + 9^0 + 17^1 + 25^0 = 54 + 80 + 90 + 171 + 250 \\ 645 &:= 5^4 + 11^0 + 15^0 + 16^0 + 17^1 = 54 + 110 + 150 + 160 + 171 & 645 &:= 5^4 + 9^0 + 10^0 + 17^1 + 23^0 = 54 + 90 + 100 + 171 + 230 \\ 645 &:= 5^4 + 12^0 + 12^0 + 17^1 + 18^0 = 54 + 120 + 120 + 171 + 180 & 645 &:= 5^4 + 9^0 + 11^0 + 17^1 + 22^0 = 54 + 90 + 110 + 171 + 220 \\ 645 &:= 5^4 + 12^0 + 13^0 + 17^0 + 17^1 = 54 + 120 + 130 + 170 + 171 & 645 &:= 5^4 + 9^0 + 12^0 + 17^1 + 21^0 = 54 + 90 + 120 + 171 + 210 \\ 645 &:= 5^4 + 12^0 + 14^0 + 16^0 + 17^1 = 54 + 120 + 140 + 160 + 171 & 645 &:= 5^4 + 9^0 + 13^0 + 17^1 + 20^0 = 54 + 90 + 130 + 171 + 200 \\ 645 &:= 5^4 + 12^0 + 15^0 + 15^0 + 17^1 = 54 + 120 + 150 + 150 + 171 & 645 &:= 5^4 + 9^0 + 14^0 + 17^1 + 19^0 = 54 + 90 + 140 + 171 + 190 \\ 645 &:= 5^4 + 13^0 + 13^0 + 16^0 + 17^1 = 54 + 130 + 130 + 160 + 171 & 645 &:= 5^4 + 9^0 + 15^0 + 17^1 + 18^0 = 54 + 90 + 150 + 171 + 180 \\ 645 &:= 5^4 + 13^0 + 14^0 + 15^0 + 17^1 = 54 + 130 + 140 + 150 + 171 & 645 &:= 5^4 + 9^0 + 16^0 + 17^0 + 17^1 = 54 + 90 + 160 + 170 + 171 \\ 645 &:= 5^4 + 14^0 + 14^0 + 14^0 + 17^1 = 54 + 140 + 140 + 140 + 171 & 645 &:= 5^4 + 9^0 + 9^0 + 17^1 + 24^0 = 54 + 90 + 90 + 171 + 240 \\ 645 &:= 5^4 + 6^0 + 10^0 + 17^1 + 26^0 = 54 + 60 + 100 + 171 + 260 & 645 &:= 6^0 + 10^2 + 11^0 + 14^1 + 23^2 = 60 + 102 + 110 + 141 + 232 \\ 645 &:= 5^4 + 6^0 + 11^0 + 17^1 + 25^0 = 54 + 60 + 110 + 171 + 250 & 645 &:= 6^0 + 6^1 + 14^2 + 17^0 + 21^2 = 60 + 61 + 142 + 170 + 212 \\ 645 &:= 5^4 + 6^0 + 12^0 + 17^1 + 24^0 = 54 + 60 + 120 + 171 + 240 & 645 &:= 6^0 + 7^2 + 9^0 + 18^1 + 24^2 = 60 + 72 + 90 + 181 + 242 \\ 645 &:= 5^4 + 6^0 + 13^0 + 17^1 + 23^0 = 54 + 60 + 130 + 171 + 230 & 645 &:= 6^0 + 9^0 + 12^2 + 15^1 + 22^2 = 60 + 90 + 122 + 151 + 222 \\ 645 &:= 5^4 + 6^0 + 14^0 + 17^1 + 22^0 = 54 + 60 + 140 + 171 + 220 & 645 &:= 6^1 + 10^0 + 13^0 + 14^2 + 21^2 = 61 + 100 + 130 + 142 + 212 \\ 645 &:= 5^4 + 6^0 + 15^0 + 17^1 + 21^0 = 54 + 60 + 150 + 171 + 210 & 645 &:= 6^1 + 11^0 + 12^0 + 14^2 + 21^2 = 61 + 110 + 120 + 142 + 212 \\ 645 &:= 5^4 + 6^0 + 16^0 + 17^1 + 20^0 = 54 + 60 + 160 + 171 + 200 & 645 &:= 6^1 + 6^1 + 7^1 + 20^0 + 25^2 = 61 + 61 + 71 + 200 + 252 \\ 645 &:= 5^4 + 6^0 + 17^0 + 17^1 + 19^0 = 54 + 60 + 170 + 171 + 190 & 645 &:= 6^1 + 7^0 + 14^2 + 16^0 + 21^2 = 61 + 70 + 142 + 160 + 212 \\ 645 &:= 5^4 + 6^0 + 17^1 + 18^0 + 18^0 = 54 + 60 + 171 + 180 + 180 & 645 &:= 6^1 + 8^0 + 14^2 + 15^0 + 21^2 = 61 + 80 + 142 + 150 + 212 \\ 645 &:= 5^4 + 6^0 + 9^0 + 17^1 + 27^0 = 54 + 60 + 90 + 171 + 270 & 645 &:= 6^1 + 9^0 + 14^0 + 14^2 + 21^2 = 61 + 90 + 140 + 142 + 212 \\ 645 &:= 5^4 + 7^0 + 10^0 + 17^1 + 25^0 = 54 + 70 + 100 + 171 + 250 & 645 &:= 7^0 + 10^0 + 10^2 + 14^1 + 23^2 = 70 + 100 + 102 + 141 + 232 \end{aligned}$$

$$645 := 7^0 + 7^2 + 8^0 + 18^1 + 24^2 = 70 + 72 + 80 + 181 + 242$$

$$645 := 7^0 + 8^0 + 12^2 + 15^1 + 22^2 = 70 + 80 + 122 + 151 + 222$$

$$645 := 8^0 + 9^0 + 10^2 + 14^1 + 23^2 = 80 + 90 + 102 + 141 + 232$$

2.2.547 Number 646

$$646 := 5^3 + 22^2 + 37^1 = 53 + 222 + 371$$

$$646 := 1^0 + 5^3 + 22^2 + 36^1 = 10 + 53 + 222 + 361$$

$$646 := 1^1 + 16^2 + 19^2 + 28^1 = 11 + 162 + 192 + 281$$

$$646 := 1^1 + 5^4 + 19^1 + 39^0 = 11 + 54 + 191 + 390$$

$$646 := 1^1 + 6^2 + 24^2 + 33^1 = 11 + 62 + 242 + 331$$

$$646 := 1^3 + 19^0 + 19^1 + 25^2 = 13 + 190 + 191 + 252$$

$$646 := 10^1 + 16^2 + 19^1 + 19^2 = 101 + 162 + 191 + 192$$

$$646 := 10^2 + 16^2 + 17^2 + 21^0 = 102 + 162 + 172 + 210$$

$$646 := 11^1 + 16^2 + 18^1 + 19^2 = 111 + 162 + 181 + 192$$

$$646 := 12^1 + 16^2 + 17^1 + 19^2 = 121 + 162 + 171 + 192$$

$$646 := 13^1 + 16^1 + 16^2 + 19^2 = 131 + 161 + 162 + 192$$

$$646 := 14^1 + 15^1 + 16^2 + 19^2 = 141 + 151 + 162 + 192$$

$$646 := 2^1 + 16^2 + 19^2 + 27^1 = 21 + 162 + 192 + 271$$

$$646 := 2^1 + 5^4 + 18^1 + 39^0 = 21 + 54 + 181 + 390$$

$$646 := 2^1 + 6^2 + 24^2 + 32^1 = 21 + 62 + 242 + 321$$

$$646 := 2^2 + 4^2 + 25^2 + 33^0 = 22 + 42 + 252 + 330$$

$$646 := 2^3 + 12^1 + 25^0 + 25^2 = 23 + 121 + 250 + 252$$

$$646 := 3^1 + 16^2 + 19^2 + 26^1 = 31 + 162 + 192 + 261$$

$$646 := 3^1 + 5^4 + 17^1 + 39^0 = 31 + 54 + 171 + 390$$

$$646 := 3^1 + 6^2 + 24^2 + 31^1 = 31 + 62 + 242 + 311$$

$$646 := 4^1 + 16^2 + 19^2 + 25^1 = 41 + 162 + 192 + 251$$

$$646 := 4^1 + 5^4 + 16^1 + 39^0 = 41 + 54 + 161 + 390$$

$$646 := 4^1 + 6^2 + 24^2 + 30^1 = 41 + 62 + 242 + 301$$

$$646 := 4^2 + 10^2 + 23^2 + 27^0 = 42 + 102 + 232 + 270$$

$$646 := 4^3 + 5^1 + 24^2 + 31^0 = 43 + 51 + 242 + 310$$

$$646 := 5^1 + 16^2 + 19^2 + 24^1 = 51 + 162 + 192 + 241$$

$$646 := 5^1 + 5^4 + 15^1 + 39^0 = 51 + 54 + 151 + 390$$

$$646 := 5^1 + 6^2 + 24^2 + 29^1 = 51 + 62 + 242 + 291$$

$$646 := 5^4 + 10^1 + 10^1 + 39^0 = 54 + 101 + 101 + 390$$

$$646 := 5^4 + 6^1 + 14^1 + 39^0 = 54 + 61 + 141 + 390$$

$$646 := 5^4 + 7^1 + 13^1 + 39^0 = 54 + 71 + 131 + 390$$

$$646 := 5^4 + 8^1 + 12^1 + 39^0 = 54 + 81 + 121 + 390$$

$$646 := 5^4 + 9^1 + 11^1 + 39^0 = 54 + 91 + 111 + 390$$

$$646 := 6^1 + 16^2 + 19^2 + 23^1 = 61 + 162 + 192 + 231$$

$$646 := 6^1 + 6^2 + 24^2 + 28^1 = 61 + 62 + 242 + 281$$

$$646 := 6^2 + 10^1 + 24^1 + 24^2 = 62 + 101 + 241 + 242$$

$$646 := 6^2 + 11^1 + 23^1 + 24^2 = 62 + 111 + 231 + 242$$

$$646 := 6^2 + 12^1 + 22^1 + 24^2 = 62 + 121 + 221 + 242$$

$$646 := 6^2 + 13^1 + 21^1 + 24^2 = 62 + 131 + 211 + 242$$

$$646 := 6^2 + 14^1 + 20^1 + 24^2 = 62 + 141 + 201 + 242$$

$$646 := 6^2 + 15^1 + 19^1 + 24^2 = 62 + 151 + 191 + 242$$

$$646 := 6^2 + 16^1 + 18^1 + 24^2 = 62 + 161 + 181 + 242$$

$$646 := 6^2 + 17^1 + 17^1 + 24^2 = 62 + 171 + 171 + 242$$

$$646 := 6^2 + 7^1 + 24^2 + 27^1 = 62 + 71 + 242 + 271$$

$$646 := 6^2 + 8^1 + 24^2 + 26^1 = 62 + 81 + 242 + 261$$

$$646 := 6^2 + 9^1 + 24^2 + 25^1 = 62 + 91 + 242 + 251$$

$$646 := 6^3 + 9^0 + 20^2 + 29^1 = 63 + 90 + 202 + 291$$

$$646 := 7^1 + 16^2 + 19^2 + 22^1 = 71 + 162 + 192 + 221$$

$$646 := 7^2 + 14^2 + 20^2 + 23^0 = 72 + 142 + 202 + 230$$

$$646 := 7^3 + 13^1 + 17^2 + 27^0 = 73 + 131 + 172 + 270$$

$$646 := 8^1 + 16^2 + 19^2 + 21^1 = 81 + 162 + 192 + 211$$

$$646 := 8^3 + 10^2 + 13^0 + 33^1 = 83 + 102 + 130 + 331$$

$$646 := 8^3 + 11^2 + 12^1 + 33^0 = 83 + 112 + 121 + 330$$

$$646 := 9^1 + 16^2 + 19^2 + 20^1 = 91 + 162 + 192 + 201$$

$$646 := 1^0 + 1^1 + 16^2 + 19^2 + 27^1 = 10 + 11 + 162 + 192 + 271$$

$$646 := 1^0 + 1^3 + 18^1 + 19^0 + 25^2 = 10 + 13 + 181 + 190 + 252$$

$$646 := 1^0 + 10^1 + 16^2 + 18^1 + 19^2 = 10 + 101 + 162 + 181 + 192$$

$$646 := 1^0 + 10^2 + 12^2 + 20^2 + 21^0 = 10 + 102 + 122 + 202 + 210$$

$$646 := 1^0 + 11^1 + 16^2 + 17^1 + 19^2 = 10 + 111 + 162 + 171 + 192$$

$$646 := 1^0 + 12^1 + 16^1 + 16^2 + 19^2 = 10 + 121 + 161 + 162 + 192$$

$$646 := 1^0 + 13^1 + 15^1 + 16^2 + 19^2 = 10 + 131 + 151 + 162 + 192$$

$$646 := 1^0 + 14^1 + 14^1 + 16^2 + 19^2 = 10 + 141 + 141 + 162 + 192$$

$$646 := 1^0 + 2^1 + 16^2 + 19^2 + 26^1 = 10 + 21 + 162 + 192 + 261$$

$$646 := 1^0 + 2^3 + 11^1 + 25^0 + 25^2 = 10 + 23 + 111 + 250 + 252$$

$$646 := 1^0 + 3^1 + 16^2 + 19^2 + 25^1 = 10 + 31 + 162 + 192 + 251$$

$$646 := 1^0 + 4^1 + 16^2 + 19^2 + 24^1 = 10 + 41 + 162 + 192 + 241$$

$646 := 1^0 + 4^2 + 12^2 + 22^2 + 25^0 = 10 + 42 + 122 + 222 + 250$	$646 := 1^2 + 4^1 + 15^1 + 19^0 + 25^2 = 12 + 41 + 151 + 190 + 252$
$646 := 1^0 + 5^1 + 16^2 + 19^2 + 23^1 = 10 + 51 + 162 + 192 + 231$	$646 := 1^2 + 5^1 + 14^1 + 19^0 + 25^2 = 12 + 51 + 141 + 190 + 252$
$646 := 1^0 + 6^1 + 16^2 + 19^2 + 22^1 = 10 + 61 + 162 + 192 + 221$	$646 := 1^2 + 6^1 + 13^1 + 19^0 + 25^2 = 12 + 61 + 131 + 190 + 252$
$646 := 1^0 + 6^1 + 6^2 + 24^2 + 27^1 = 10 + 61 + 62 + 242 + 271$	$646 := 1^2 + 7^1 + 12^1 + 19^0 + 25^2 = 12 + 71 + 121 + 190 + 252$
$646 := 1^0 + 6^2 + 10^1 + 23^1 + 24^2 = 10 + 62 + 101 + 231 + 242$	$646 := 1^2 + 8^1 + 11^1 + 19^0 + 25^2 = 12 + 81 + 111 + 190 + 252$
$646 := 1^0 + 6^2 + 11^1 + 22^1 + 24^2 = 10 + 62 + 111 + 221 + 242$	$646 := 1^2 + 9^1 + 10^1 + 19^0 + 25^2 = 12 + 91 + 101 + 190 + 252$
$646 := 1^0 + 6^2 + 12^1 + 21^1 + 24^2 = 10 + 62 + 121 + 211 + 242$	$646 := 1^3 + 10^0 + 10^0 + 18^1 + 25^2 = 13 + 100 + 100 + 181 + 252$
$646 := 1^0 + 6^2 + 13^1 + 20^1 + 24^2 = 10 + 62 + 131 + 201 + 242$	$646 := 1^3 + 2^0 + 18^0 + 18^1 + 25^2 = 13 + 20 + 180 + 181 + 252$
$646 := 1^0 + 6^2 + 14^1 + 19^1 + 24^2 = 10 + 62 + 141 + 191 + 242$	$646 := 1^3 + 3^0 + 17^0 + 18^1 + 25^2 = 13 + 30 + 170 + 181 + 252$
$646 := 1^0 + 6^2 + 15^1 + 18^1 + 24^2 = 10 + 62 + 151 + 181 + 242$	$646 := 1^3 + 4^0 + 16^0 + 18^1 + 25^2 = 13 + 40 + 160 + 181 + 252$
$646 := 1^0 + 6^2 + 16^1 + 17^1 + 24^2 = 10 + 62 + 161 + 171 + 242$	$646 := 1^3 + 5^0 + 15^0 + 18^1 + 25^2 = 13 + 50 + 150 + 181 + 252$
$646 := 1^0 + 6^2 + 7^1 + 24^2 + 26^1 = 10 + 62 + 71 + 242 + 261$	$646 := 1^3 + 6^0 + 14^0 + 18^1 + 25^2 = 13 + 60 + 140 + 181 + 252$
$646 := 1^0 + 6^2 + 8^1 + 24^2 + 25^1 = 10 + 62 + 81 + 242 + 251$	$646 := 1^3 + 7^0 + 13^0 + 18^1 + 25^2 = 13 + 70 + 130 + 181 + 252$
$646 := 1^0 + 6^2 + 9^1 + 24^1 + 24^2 = 10 + 62 + 91 + 241 + 242$	$646 := 1^3 + 8^0 + 12^0 + 18^1 + 25^2 = 13 + 80 + 120 + 181 + 252$
$646 := 1^0 + 7^1 + 16^2 + 19^2 + 21^1 = 10 + 71 + 162 + 192 + 211$	$646 := 1^3 + 9^0 + 11^0 + 18^1 + 25^2 = 13 + 90 + 110 + 181 + 252$
$646 := 1^0 + 7^3 + 12^1 + 17^2 + 27^0 = 10 + 73 + 121 + 172 + 270$	$646 := 1^4 + 1^9 + 18^0 + 18^1 + 25^2 = 14 + 19 + 180 + 181 + 252$
$646 := 1^0 + 8^1 + 16^2 + 19^2 + 20^1 = 10 + 81 + 162 + 192 + 201$	$646 := 1^5 + 1^8 + 18^0 + 18^1 + 25^2 = 15 + 18 + 180 + 181 + 252$
$646 := 1^0 + 8^2 + 16^2 + 18^2 + 21^0 = 10 + 82 + 162 + 182 + 210$	$646 := 1^5 + 2^8 + 14^0 + 19^2 + 27^1 = 15 + 28 + 140 + 192 + 271$
$646 := 1^0 + 9^1 + 16^2 + 19^1 + 19^2 = 10 + 91 + 162 + 191 + 192$	$646 := 1^6 + 1^7 + 18^0 + 18^1 + 25^2 = 16 + 17 + 180 + 181 + 252$
$646 := 1^1 + 1^2 + 18^1 + 19^0 + 25^2 = 11 + 12 + 181 + 190 + 252$	$646 := 1^6 + 2^6 + 16^2 + 18^2 + 26^0 = 16 + 26 + 162 + 182 + 260$
$646 := 1^1 + 10^2 + 15^0 + 15^1 + 23^2 = 11 + 102 + 150 + 151 + 232$	$646 := 1^8 + 2^4 + 12^2 + 22^2 + 26^0 = 18 + 24 + 122 + 222 + 260$
$646 := 1^1 + 12^2 + 13^0 + 16^1 + 22^2 = 11 + 122 + 130 + 161 + 222$	$646 := 1^9 + 3^3 + 16^2 + 19^2 + 24^0 = 19 + 33 + 162 + 192 + 240$
$646 := 1^1 + 2^2 + 15^1 + 21^0 + 25^2 = 11 + 22 + 151 + 210 + 252$	$646 := 1^9 + 3^5 + 12^0 + 20^2 + 27^0 = 19 + 35 + 120 + 202 + 270$
$646 := 1^1 + 3^2 + 10^1 + 25^0 + 25^2 = 11 + 32 + 101 + 250 + 252$	$646 := 1^9 + 3^5 + 13^0 + 20^2 + 26^0 = 19 + 35 + 130 + 202 + 260$
$646 := 1^1 + 4^1 + 8^2 + 24^2 + 27^0 = 11 + 41 + 82 + 242 + 270$	$646 := 1^9 + 3^5 + 14^0 + 20^2 + 25^0 = 19 + 35 + 140 + 202 + 250$
$646 := 1^1 + 5^4 + 13^0 + 18^1 + 27^0 = 11 + 54 + 130 + 181 + 270$	$646 := 1^9 + 3^5 + 15^0 + 20^2 + 24^0 = 19 + 35 + 150 + 202 + 240$
$646 := 1^1 + 5^4 + 14^0 + 18^1 + 26^0 = 11 + 54 + 140 + 181 + 260$	$646 := 1^9 + 3^5 + 16^0 + 20^2 + 23^0 = 19 + 35 + 160 + 202 + 230$
$646 := 1^1 + 5^4 + 15^0 + 18^1 + 25^0 = 11 + 54 + 150 + 181 + 250$	$646 := 1^9 + 3^5 + 17^0 + 20^2 + 22^0 = 19 + 35 + 170 + 202 + 220$
$646 := 1^1 + 5^4 + 16^0 + 18^1 + 24^0 = 11 + 54 + 160 + 181 + 240$	$646 := 1^9 + 3^5 + 18^0 + 20^2 + 21^0 = 19 + 35 + 180 + 202 + 210$
$646 := 1^1 + 5^4 + 17^0 + 18^1 + 23^0 = 11 + 54 + 170 + 181 + 230$	$646 := 1^9 + 3^5 + 19^0 + 20^0 + 20^2 = 19 + 35 + 190 + 200 + 202$
$646 := 1^1 + 5^4 + 18^0 + 18^1 + 22^0 = 11 + 54 + 180 + 181 + 220$	$646 := 1^9 + 4^3 + 16^2 + 18^2 + 24^0 = 19 + 43 + 162 + 182 + 240$
$646 := 1^1 + 5^4 + 18^1 + 19^0 + 21^0 = 11 + 54 + 181 + 190 + 210$	$646 := 1^9 + 4^4 + 12^0 + 19^2 + 27^1 = 19 + 44 + 120 + 192 + 271$
$646 := 1^1 + 5^4 + 18^1 + 20^0 + 20^0 = 11 + 54 + 181 + 200 + 200$	$646 := 10^0 + 10^2 + 12^0 + 12^2 + 20^2 = 100 + 102 + 120 + 122 + 202$
$646 := 1^1 + 7^1 + 14^2 + 21^0 + 21^2 = 11 + 71 + 142 + 210 + 212$	$646 := 10^2 + 11^0 + 11^0 + 12^2 + 20^2 = 102 + 110 + 110 + 122 + 202$
$646 := 1^1 + 7^2 + 13^0 + 19^1 + 24^2 = 11 + 72 + 130 + 191 + 242$	$646 := 2^0 + 10^2 + 12^2 + 20^0 + 20^2 = 20 + 102 + 122 + 200 + 202$
$646 := 1^1 + 9^0 + 15^2 + 19^1 + 20^2 = 11 + 90 + 152 + 191 + 202$	$646 := 2^0 + 2^3 + 11^1 + 24^0 + 25^2 = 20 + 23 + 111 + 240 + 252$
$646 := 1^2 + 2^1 + 17^1 + 19^0 + 25^2 = 12 + 21 + 171 + 190 + 252$	$646 := 2^0 + 4^2 + 12^2 + 22^2 + 24^0 = 20 + 42 + 122 + 222 + 240$
$646 := 1^2 + 3^1 + 16^1 + 19^0 + 25^2 = 12 + 31 + 161 + 190 + 252$	$646 := 2^0 + 7^3 + 12^1 + 17^2 + 26^0 = 20 + 73 + 121 + 172 + 260$

$$\begin{aligned} 646 &:= 2^0 + 8^2 + 16^2 + 18^2 + 20^0 = 20 + 82 + 162 + 182 + 200 & 646 &:= 2^3 + 11^1 + 12^0 + 14^0 + 25^2 = 23 + 111 + 120 + 140 + 252 \\ 646 &:= 2^1 + 10^2 + 14^1 + 15^0 + 23^2 = 21 + 102 + 141 + 150 + 232 & 646 &:= 2^3 + 11^1 + 13^0 + 13^0 + 25^2 = 23 + 111 + 130 + 130 + 252 \\ 646 &:= 2^1 + 12^2 + 13^0 + 15^1 + 22^2 = 21 + 122 + 130 + 151 + 222 & 646 &:= 2^3 + 3^0 + 11^1 + 23^0 + 25^2 = 23 + 30 + 111 + 230 + 252 \\ 646 &:= 2^1 + 2^2 + 14^1 + 21^0 + 25^2 = 21 + 22 + 141 + 210 + 252 & 646 &:= 2^3 + 4^0 + 11^1 + 22^0 + 25^2 = 23 + 40 + 111 + 220 + 252 \\ 646 &:= 2^1 + 3^1 + 8^2 + 24^2 + 27^0 = 21 + 31 + 82 + 242 + 270 & 646 &:= 2^3 + 5^0 + 11^1 + 21^0 + 25^2 = 23 + 50 + 111 + 210 + 252 \\ 646 &:= 2^1 + 3^2 + 9^1 + 25^0 + 25^2 = 21 + 32 + 91 + 250 + 252 & 646 &:= 2^3 + 6^0 + 11^1 + 20^0 + 25^2 = 23 + 60 + 111 + 200 + 252 \\ 646 &:= 2^1 + 5^4 + 13^0 + 17^1 + 27^0 = 21 + 54 + 130 + 171 + 270 & 646 &:= 2^3 + 7^0 + 11^1 + 19^0 + 25^2 = 23 + 70 + 111 + 190 + 252 \\ 646 &:= 2^1 + 5^4 + 14^0 + 17^1 + 26^0 = 21 + 54 + 140 + 171 + 260 & 646 &:= 2^3 + 8^0 + 11^1 + 18^0 + 25^2 = 23 + 80 + 111 + 180 + 252 \\ 646 &:= 2^1 + 5^4 + 15^0 + 17^1 + 25^0 = 21 + 54 + 150 + 171 + 250 & 646 &:= 2^3 + 9^0 + 11^1 + 17^0 + 25^2 = 23 + 90 + 111 + 170 + 252 \\ 646 &:= 2^1 + 5^4 + 16^0 + 17^1 + 24^0 = 21 + 54 + 160 + 171 + 240 & 646 &:= 2^5 + 2^9 + 10^2 + 22^0 + 27^0 = 25 + 29 + 102 + 220 + 270 \\ 646 &:= 2^1 + 5^4 + 17^0 + 17^1 + 23^0 = 21 + 54 + 170 + 171 + 230 & 646 &:= 2^5 + 2^9 + 10^2 + 23^0 + 26^0 = 25 + 29 + 102 + 230 + 260 \\ 646 &:= 2^1 + 5^4 + 17^1 + 18^0 + 22^0 = 21 + 54 + 171 + 180 + 220 & 646 &:= 2^5 + 2^9 + 10^2 + 24^0 + 25^0 = 25 + 29 + 102 + 240 + 250 \\ 646 &:= 2^1 + 5^4 + 17^1 + 19^0 + 21^0 = 21 + 54 + 171 + 190 + 210 & 646 &:= 2^6 + 2^7 + 12^1 + 21^2 + 26^0 = 26 + 27 + 121 + 212 + 260 \\ 646 &:= 2^1 + 5^4 + 17^1 + 20^0 + 20^0 = 21 + 54 + 171 + 200 + 200 & 646 &:= 2^6 + 2^8 + 14^0 + 18^2 + 27^0 = 26 + 28 + 140 + 182 + 270 \\ 646 &:= 2^1 + 6^1 + 14^2 + 21^0 + 21^2 = 21 + 61 + 142 + 210 + 212 & 646 &:= 2^6 + 2^8 + 15^0 + 18^2 + 26^0 = 26 + 28 + 150 + 182 + 260 \\ 646 &:= 2^1 + 7^2 + 13^0 + 18^1 + 24^2 = 21 + 72 + 130 + 181 + 242 & 646 &:= 2^6 + 2^8 + 16^0 + 18^2 + 25^0 = 26 + 28 + 160 + 182 + 250 \\ 646 &:= 2^1 + 9^0 + 15^2 + 18^1 + 20^2 = 21 + 90 + 152 + 181 + 202 & 646 &:= 2^6 + 2^8 + 17^0 + 18^2 + 24^0 = 26 + 28 + 170 + 182 + 240 \\ 646 &:= 2^2 + 3^0 + 8^2 + 24^2 + 27^0 = 22 + 30 + 82 + 242 + 270 & 646 &:= 2^6 + 2^8 + 18^0 + 18^2 + 23^0 = 26 + 28 + 180 + 182 + 230 \\ 646 &:= 2^2 + 3^1 + 13^1 + 21^0 + 25^2 = 22 + 31 + 131 + 210 + 252 & 646 &:= 2^6 + 2^8 + 18^2 + 19^0 + 22^0 = 26 + 28 + 182 + 190 + 220 \\ 646 &:= 2^2 + 4^0 + 8^2 + 24^2 + 26^0 = 22 + 40 + 82 + 242 + 260 & 646 &:= 2^6 + 2^8 + 18^2 + 20^0 + 21^0 = 26 + 28 + 182 + 200 + 210 \\ 646 &:= 2^2 + 4^1 + 12^1 + 21^0 + 25^2 = 22 + 41 + 121 + 210 + 252 & 646 &:= 2^8 + 3^5 + 11^2 + 22^0 + 25^1 = 28 + 35 + 112 + 220 + 251 \\ 646 &:= 2^2 + 5^0 + 8^2 + 24^2 + 25^0 = 22 + 50 + 82 + 242 + 250 & 646 &:= 2^9 + 3^4 + 5^2 + 26^0 + 27^1 = 29 + 34 + 52 + 260 + 271 \\ 646 &:= 2^2 + 5^1 + 11^1 + 21^0 + 25^2 = 22 + 51 + 111 + 210 + 252 & 646 &:= 3^0 + 10^2 + 12^2 + 19^0 + 20^2 = 30 + 102 + 122 + 190 + 202 \\ 646 &:= 2^2 + 6^0 + 8^2 + 24^0 + 24^2 = 22 + 60 + 82 + 240 + 242 & 646 &:= 3^0 + 4^2 + 12^2 + 22^2 + 23^0 = 30 + 42 + 122 + 222 + 230 \\ 646 &:= 2^2 + 6^1 + 10^1 + 21^0 + 25^2 = 22 + 61 + 101 + 210 + 252 & 646 &:= 3^0 + 7^3 + 12^1 + 17^2 + 25^0 = 30 + 73 + 121 + 172 + 250 \\ 646 &:= 2^2 + 7^0 + 8^2 + 23^0 + 24^2 = 22 + 70 + 82 + 230 + 242 & 646 &:= 3^0 + 8^2 + 16^2 + 18^2 + 19^0 = 30 + 82 + 162 + 182 + 190 \\ 646 &:= 2^2 + 7^1 + 9^1 + 21^0 + 25^2 = 22 + 71 + 91 + 210 + 252 & 646 &:= 3^1 + 10^2 + 13^1 + 15^0 + 23^2 = 31 + 102 + 131 + 150 + 232 \\ 646 &:= 2^2 + 8^0 + 8^2 + 22^0 + 24^2 = 22 + 80 + 82 + 220 + 242 & 646 &:= 3^1 + 12^2 + 13^0 + 14^1 + 22^2 = 31 + 122 + 130 + 141 + 222 \\ 646 &:= 2^2 + 8^1 + 8^1 + 21^0 + 25^2 = 22 + 81 + 81 + 210 + 252 & 646 &:= 3^1 + 3^2 + 8^1 + 25^0 + 25^2 = 31 + 32 + 81 + 250 + 252 \\ 646 &:= 2^2 + 8^2 + 10^0 + 20^0 + 24^2 = 22 + 82 + 100 + 200 + 242 & 646 &:= 3^1 + 5^1 + 14^2 + 21^0 + 21^2 = 31 + 51 + 142 + 210 + 212 \\ 646 &:= 2^2 + 8^2 + 11^0 + 19^0 + 24^2 = 22 + 82 + 110 + 190 + 242 & 646 &:= 3^1 + 5^4 + 13^0 + 16^1 + 27^0 = 31 + 54 + 130 + 161 + 270 \\ 646 &:= 2^2 + 8^2 + 12^0 + 18^0 + 24^2 = 22 + 82 + 120 + 180 + 242 & 646 &:= 3^1 + 5^4 + 14^0 + 16^1 + 26^0 = 31 + 54 + 140 + 161 + 260 \\ 646 &:= 2^2 + 8^2 + 13^0 + 17^0 + 24^2 = 22 + 82 + 130 + 170 + 242 & 646 &:= 3^1 + 5^4 + 15^0 + 16^1 + 25^0 = 31 + 54 + 150 + 161 + 250 \\ 646 &:= 2^2 + 8^2 + 14^0 + 16^0 + 24^2 = 22 + 82 + 140 + 160 + 242 & 646 &:= 3^1 + 5^4 + 16^0 + 16^1 + 24^0 = 31 + 54 + 160 + 161 + 240 \\ 646 &:= 2^2 + 8^2 + 15^0 + 15^0 + 24^2 = 22 + 82 + 150 + 150 + 242 & 646 &:= 3^1 + 5^4 + 16^1 + 17^0 + 23^0 = 31 + 54 + 161 + 170 + 230 \\ 646 &:= 2^2 + 8^2 + 9^0 + 21^0 + 24^2 = 22 + 82 + 90 + 210 + 242 & 646 &:= 3^1 + 5^4 + 16^1 + 18^0 + 22^0 = 31 + 54 + 161 + 180 + 220 \\ 646 &:= 2^3 + 10^0 + 11^1 + 16^0 + 25^2 = 23 + 100 + 111 + 160 + 252 & 646 &:= 3^1 + 5^4 + 16^1 + 19^0 + 21^0 = 31 + 54 + 161 + 190 + 210 \\ 646 &:= 2^3 + 11^0 + 11^1 + 15^0 + 25^2 = 23 + 110 + 111 + 150 + 252 & 646 &:= 3^1 + 5^4 + 16^1 + 20^0 + 20^0 = 31 + 54 + 161 + 200 + 200 \end{aligned}$$

$$\begin{aligned} 646 &:= 3^1 + 7^2 + 13^0 + 17^1 + 24^2 = 31 + 72 + 130 + 171 + 242 & 646 &:= 4^2 + 6^0 + 12^2 + 20^0 + 22^2 = 42 + 60 + 122 + 200 + 222 \\ 646 &:= 3^1 + 9^0 + 15^2 + 17^1 + 20^2 = 31 + 90 + 152 + 171 + 202 & 646 &:= 4^2 + 7^0 + 12^2 + 19^0 + 22^2 = 42 + 70 + 122 + 190 + 222 \\ 646 &:= 3^2 + 4^1 + 7^1 + 25^0 + 25^2 = 32 + 41 + 71 + 250 + 252 & 646 &:= 4^2 + 8^0 + 12^2 + 18^0 + 22^2 = 42 + 80 + 122 + 180 + 222 \\ 646 &:= 3^2 + 5^1 + 6^1 + 25^0 + 25^2 = 32 + 51 + 61 + 250 + 252 & 646 &:= 4^2 + 9^0 + 12^2 + 17^0 + 22^2 = 42 + 90 + 122 + 170 + 222 \\ 646 &:= 4^0 + 10^2 + 12^2 + 18^0 + 20^2 = 40 + 102 + 122 + 180 + 202 & 646 &:= 5^0 + 10^2 + 12^2 + 17^0 + 20^2 = 50 + 102 + 122 + 170 + 202 \\ 646 &:= 4^0 + 4^2 + 12^2 + 22^0 + 22^2 = 40 + 42 + 122 + 220 + 222 & 646 &:= 5^0 + 7^3 + 12^1 + 17^2 + 23^0 = 50 + 73 + 121 + 172 + 230 \\ 646 &:= 4^0 + 7^3 + 12^1 + 17^2 + 24^0 = 40 + 73 + 121 + 172 + 240 & 646 &:= 5^0 + 8^2 + 16^2 + 17^0 + 18^2 = 50 + 82 + 162 + 170 + 182 \\ 646 &:= 4^0 + 8^2 + 16^2 + 18^0 + 18^2 = 40 + 82 + 162 + 180 + 182 & 646 &:= 5^1 + 10^2 + 11^1 + 15^0 + 23^2 = 51 + 102 + 111 + 150 + 232 \\ 646 &:= 4^1 + 10^2 + 12^1 + 15^0 + 23^2 = 41 + 102 + 121 + 150 + 232 & 646 &:= 5^1 + 12^1 + 12^2 + 13^0 + 22^2 = 51 + 121 + 122 + 130 + 222 \\ 646 &:= 4^1 + 12^2 + 13^0 + 13^1 + 22^2 = 41 + 122 + 130 + 131 + 222 & 646 &:= 5^1 + 5^4 + 13^0 + 14^1 + 27^0 = 51 + 54 + 130 + 141 + 270 \\ 646 &:= 4^1 + 4^1 + 14^2 + 21^0 + 21^2 = 41 + 41 + 142 + 210 + 212 & 646 &:= 5^1 + 5^4 + 14^0 + 14^1 + 26^0 = 51 + 54 + 140 + 141 + 260 \\ 646 &:= 4^1 + 4^3 + 10^0 + 22^0 + 24^2 = 41 + 43 + 100 + 220 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 15^0 + 25^0 = 51 + 54 + 141 + 150 + 250 \\ 646 &:= 4^1 + 4^3 + 11^0 + 21^0 + 24^2 = 41 + 43 + 110 + 210 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 16^0 + 24^0 = 51 + 54 + 141 + 160 + 240 \\ 646 &:= 4^1 + 4^3 + 12^0 + 20^0 + 24^2 = 41 + 43 + 120 + 200 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 17^0 + 23^0 = 51 + 54 + 141 + 170 + 230 \\ 646 &:= 4^1 + 4^3 + 13^0 + 19^0 + 24^2 = 41 + 43 + 130 + 190 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 18^0 + 22^0 = 51 + 54 + 141 + 180 + 220 \\ 646 &:= 4^1 + 4^3 + 14^0 + 18^0 + 24^2 = 41 + 43 + 140 + 180 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 19^0 + 21^0 = 51 + 54 + 141 + 190 + 210 \\ 646 &:= 4^1 + 4^3 + 15^0 + 17^0 + 24^2 = 41 + 43 + 150 + 170 + 242 & 646 &:= 5^1 + 5^4 + 14^1 + 20^0 + 20^0 = 51 + 54 + 141 + 200 + 200 \\ 646 &:= 4^1 + 4^3 + 16^0 + 16^0 + 24^2 = 41 + 43 + 160 + 160 + 242 & 646 &:= 5^1 + 7^2 + 13^0 + 15^1 + 24^2 = 51 + 72 + 130 + 151 + 242 \\ 646 &:= 4^1 + 4^3 + 5^0 + 24^2 + 27^0 = 41 + 43 + 50 + 242 + 270 & 646 &:= 5^1 + 9^0 + 15^1 + 15^2 + 20^2 = 51 + 90 + 151 + 152 + 202 \\ 646 &:= 4^1 + 4^3 + 6^0 + 24^2 + 26^0 = 41 + 43 + 60 + 242 + 260 & 646 &:= 5^4 + 6^1 + 13^0 + 13^1 + 27^0 = 54 + 61 + 130 + 131 + 270 \\ 646 &:= 4^1 + 4^3 + 7^0 + 24^2 + 25^0 = 41 + 43 + 70 + 242 + 250 & 646 &:= 5^4 + 6^1 + 13^1 + 14^0 + 26^0 = 54 + 61 + 131 + 140 + 260 \\ 646 &:= 4^1 + 4^3 + 8^0 + 24^0 + 24^2 = 41 + 43 + 80 + 240 + 242 & 646 &:= 5^4 + 6^1 + 13^1 + 15^0 + 25^0 = 54 + 61 + 131 + 150 + 250 \\ 646 &:= 4^1 + 4^3 + 9^0 + 23^0 + 24^2 = 41 + 43 + 90 + 230 + 242 & 646 &:= 5^4 + 6^1 + 13^1 + 16^0 + 24^0 = 54 + 61 + 131 + 160 + 240 \\ 646 &:= 4^1 + 5^4 + 13^0 + 15^1 + 27^0 = 41 + 54 + 130 + 151 + 270 & 646 &:= 5^4 + 6^1 + 13^1 + 17^0 + 23^0 = 54 + 61 + 131 + 170 + 230 \\ 646 &:= 4^1 + 5^4 + 14^0 + 15^1 + 26^0 = 41 + 54 + 140 + 151 + 260 & 646 &:= 5^4 + 6^1 + 13^1 + 18^0 + 22^0 = 54 + 61 + 131 + 180 + 220 \\ 646 &:= 4^1 + 5^4 + 15^0 + 15^1 + 25^0 = 41 + 54 + 150 + 151 + 250 & 646 &:= 5^4 + 6^1 + 13^1 + 19^0 + 21^0 = 54 + 61 + 131 + 190 + 210 \\ 646 &:= 4^1 + 5^4 + 15^1 + 16^0 + 24^0 = 41 + 54 + 151 + 160 + 240 & 646 &:= 5^4 + 6^1 + 13^1 + 20^0 + 20^0 = 54 + 61 + 131 + 200 + 200 \\ 646 &:= 4^1 + 5^4 + 15^1 + 17^0 + 23^0 = 41 + 54 + 151 + 170 + 230 & 646 &:= 5^4 + 7^1 + 12^1 + 13^0 + 27^0 = 54 + 71 + 121 + 130 + 270 \\ 646 &:= 4^1 + 5^4 + 15^1 + 18^0 + 22^0 = 41 + 54 + 151 + 180 + 220 & 646 &:= 5^4 + 7^1 + 12^1 + 14^0 + 26^0 = 54 + 71 + 121 + 140 + 260 \\ 646 &:= 4^1 + 5^4 + 15^1 + 19^0 + 21^0 = 41 + 54 + 151 + 190 + 210 & 646 &:= 5^4 + 7^1 + 12^1 + 15^0 + 25^0 = 54 + 71 + 121 + 150 + 250 \\ 646 &:= 4^1 + 5^4 + 15^1 + 20^0 + 20^0 = 41 + 54 + 151 + 200 + 200 & 646 &:= 5^4 + 7^1 + 12^1 + 16^0 + 24^0 = 54 + 71 + 121 + 160 + 240 \\ 646 &:= 4^1 + 7^2 + 13^0 + 16^1 + 24^2 = 41 + 72 + 130 + 161 + 242 & 646 &:= 5^4 + 7^1 + 12^1 + 17^0 + 23^0 = 54 + 71 + 121 + 170 + 230 \\ 646 &:= 4^1 + 9^0 + 15^2 + 16^1 + 20^2 = 41 + 90 + 152 + 161 + 202 & 646 &:= 5^4 + 7^1 + 12^1 + 18^0 + 22^0 = 54 + 71 + 121 + 180 + 220 \\ 646 &:= 4^2 + 10^0 + 12^2 + 16^0 + 22^2 = 42 + 100 + 122 + 160 + 222 & 646 &:= 5^4 + 7^1 + 12^1 + 19^0 + 21^0 = 54 + 71 + 121 + 190 + 210 \\ 646 &:= 4^2 + 11^0 + 12^2 + 15^0 + 22^2 = 42 + 110 + 122 + 150 + 222 & 646 &:= 5^4 + 7^1 + 12^1 + 20^0 + 20^0 = 54 + 71 + 121 + 200 + 200 \\ 646 &:= 4^2 + 12^0 + 12^2 + 14^0 + 22^2 = 42 + 120 + 122 + 140 + 222 & 646 &:= 5^4 + 8^1 + 11^1 + 13^0 + 27^0 = 54 + 81 + 111 + 130 + 270 \\ 646 &:= 4^2 + 12^2 + 13^0 + 13^0 + 22^2 = 42 + 122 + 130 + 130 + 222 & 646 &:= 5^4 + 8^1 + 11^1 + 14^0 + 26^0 = 54 + 81 + 111 + 140 + 260 \\ 646 &:= 4^2 + 5^0 + 12^2 + 21^0 + 22^2 = 42 + 50 + 122 + 210 + 222 & 646 &:= 5^4 + 8^1 + 11^1 + 15^0 + 25^0 = 54 + 81 + 111 + 150 + 250 \end{aligned}$$

$646 := 5^4 + 8^1 + 11^1 + 16^0 + 24^0$	$= 54 + 81 + 111 + 160 + 240$	$646 := 7^2 + 9^1 + 11^1 + 13^0 + 24^2$	$= 72 + 91 + 111 + 130 + 242$
$646 := 5^4 + 8^1 + 11^1 + 17^0 + 23^0$	$= 54 + 81 + 111 + 170 + 230$	$646 := 7^3 + 10^0 + 12^1 + 17^2 + 18^0$	$= 73 + 100 + 121 + 172 + 180$
$646 := 5^4 + 8^1 + 11^1 + 18^0 + 22^0$	$= 54 + 81 + 111 + 180 + 220$	$646 := 7^3 + 11^0 + 12^1 + 17^0 + 17^2$	$= 73 + 110 + 121 + 170 + 172$
$646 := 5^4 + 8^1 + 11^1 + 19^0 + 21^0$	$= 54 + 81 + 111 + 190 + 210$	$646 := 7^3 + 12^0 + 12^1 + 16^0 + 17^2$	$= 73 + 120 + 121 + 160 + 172$
$646 := 5^4 + 8^1 + 11^1 + 20^0 + 20^0$	$= 54 + 81 + 111 + 200 + 200$	$646 := 7^3 + 12^1 + 13^0 + 15^0 + 17^2$	$= 73 + 121 + 130 + 150 + 172$
$646 := 5^4 + 9^1 + 10^1 + 13^0 + 27^0$	$= 54 + 91 + 101 + 130 + 270$	$646 := 7^3 + 12^1 + 14^0 + 14^0 + 17^2$	$= 73 + 121 + 140 + 140 + 172$
$646 := 5^4 + 9^1 + 10^1 + 14^0 + 26^0$	$= 54 + 91 + 101 + 140 + 260$	$646 := 7^3 + 8^0 + 12^1 + 17^2 + 20^0$	$= 73 + 80 + 121 + 172 + 200$
$646 := 5^4 + 9^1 + 10^1 + 15^0 + 25^0$	$= 54 + 91 + 101 + 150 + 250$	$646 := 7^3 + 9^0 + 12^1 + 17^2 + 19^0$	$= 73 + 90 + 121 + 172 + 190$
$646 := 5^4 + 9^1 + 10^1 + 16^0 + 24^0$	$= 54 + 91 + 101 + 160 + 240$	$646 := 8^0 + 10^2 + 12^2 + 14^0 + 20^2$	$= 80 + 102 + 122 + 140 + 202$
$646 := 5^4 + 9^1 + 10^1 + 17^0 + 23^0$	$= 54 + 91 + 101 + 170 + 230$	$646 := 8^0 + 8^2 + 14^0 + 16^2 + 18^2$	$= 80 + 82 + 140 + 162 + 182$
$646 := 5^4 + 9^1 + 10^1 + 18^0 + 22^0$	$= 54 + 91 + 101 + 180 + 220$	$646 := 8^0 + 8^3 + 11^1 + 11^2 + 26^0$	$= 80 + 83 + 111 + 112 + 260$
$646 := 5^4 + 9^1 + 10^1 + 19^0 + 21^0$	$= 54 + 91 + 101 + 190 + 210$	$646 := 8^1 + 8^1 + 10^2 + 15^0 + 23^2$	$= 81 + 81 + 102 + 150 + 232$
$646 := 5^4 + 9^1 + 10^1 + 20^0 + 20^0$	$= 54 + 91 + 101 + 200 + 200$	$646 := 8^1 + 9^0 + 12^1 + 15^2 + 20^2$	$= 81 + 90 + 121 + 152 + 202$
$646 := 6^0 + 10^2 + 12^2 + 16^0 + 20^2$	$= 60 + 102 + 122 + 160 + 202$	$646 := 8^1 + 9^1 + 12^2 + 13^0 + 22^2$	$= 81 + 91 + 122 + 130 + 222$
$646 := 6^0 + 7^3 + 12^1 + 17^2 + 22^0$	$= 60 + 73 + 121 + 172 + 220$	$646 := 8^2 + 10^0 + 12^0 + 16^2 + 18^2$	$= 82 + 100 + 120 + 162 + 182$
$646 := 6^0 + 8^2 + 16^0 + 16^2 + 18^2$	$= 60 + 82 + 160 + 162 + 182$	$646 := 8^2 + 11^0 + 11^0 + 16^2 + 18^2$	$= 82 + 110 + 110 + 162 + 182$
$646 := 6^1 + 10^1 + 10^2 + 15^0 + 23^2$	$= 61 + 101 + 102 + 150 + 232$	$646 := 8^2 + 9^0 + 13^0 + 16^2 + 18^2$	$= 82 + 90 + 130 + 162 + 182$
$646 := 6^1 + 11^1 + 12^2 + 13^0 + 22^2$	$= 61 + 111 + 122 + 130 + 222$	$646 := 8^3 + 10^0 + 11^1 + 11^2 + 24^0$	$= 83 + 100 + 111 + 112 + 240$
$646 := 6^1 + 7^2 + 13^0 + 14^1 + 24^2$	$= 61 + 72 + 130 + 141 + 242$	$646 := 8^3 + 11^0 + 11^1 + 11^2 + 23^0$	$= 83 + 110 + 111 + 112 + 230$
$646 := 6^1 + 9^0 + 14^1 + 15^2 + 20^2$	$= 61 + 90 + 141 + 152 + 202$	$646 := 8^3 + 11^1 + 11^2 + 12^0 + 22^0$	$= 83 + 111 + 112 + 120 + 220$
$646 := 7^0 + 10^2 + 12^2 + 15^0 + 20^2$	$= 70 + 102 + 122 + 150 + 202$	$646 := 8^3 + 11^1 + 11^2 + 13^0 + 21^0$	$= 83 + 111 + 112 + 130 + 210$
$646 := 7^0 + 7^3 + 12^1 + 17^2 + 21^0$	$= 70 + 73 + 121 + 172 + 210$	$646 := 8^3 + 11^1 + 11^2 + 14^0 + 20^0$	$= 83 + 111 + 112 + 140 + 200$
$646 := 7^0 + 8^2 + 15^0 + 16^2 + 18^2$	$= 70 + 82 + 150 + 162 + 182$	$646 := 8^3 + 11^1 + 11^2 + 15^0 + 19^0$	$= 83 + 111 + 112 + 150 + 190$
$646 := 7^0 + 8^3 + 11^1 + 11^2 + 27^0$	$= 70 + 83 + 111 + 112 + 270$	$646 := 8^3 + 11^1 + 11^2 + 16^0 + 18^0$	$= 83 + 111 + 112 + 160 + 180$
$646 := 7^1 + 10^1 + 12^2 + 13^0 + 22^2$	$= 71 + 101 + 122 + 130 + 222$	$646 := 8^3 + 11^1 + 11^2 + 17^0 + 17^0$	$= 83 + 111 + 112 + 170 + 170$
$646 := 7^1 + 7^2 + 13^0 + 13^1 + 24^2$	$= 71 + 72 + 130 + 131 + 242$	$646 := 8^3 + 9^0 + 11^1 + 11^2 + 25^0$	$= 83 + 90 + 111 + 112 + 250$
$646 := 7^1 + 9^0 + 13^1 + 15^2 + 20^2$	$= 71 + 90 + 131 + 152 + 202$	$646 := 9^0 + 10^1 + 10^1 + 15^2 + 20^2$	$= 90 + 101 + 101 + 152 + 202$
$646 := 7^1 + 9^1 + 10^2 + 15^0 + 23^2$	$= 71 + 91 + 102 + 150 + 232$	$646 := 9^0 + 10^2 + 12^2 + 13^0 + 20^2$	$= 90 + 102 + 122 + 130 + 202$
$646 := 7^2 + 10^1 + 10^1 + 13^0 + 24^2$	$= 72 + 101 + 101 + 130 + 242$	$646 := 9^0 + 9^1 + 11^1 + 15^2 + 20^2$	$= 90 + 91 + 111 + 152 + 202$
$646 := 7^2 + 8^1 + 12^1 + 13^0 + 24^2$	$= 72 + 81 + 121 + 130 + 242$		

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$647 := 1^2 + 5^4 + 20^1 + 38^0$	$= 12 + 54 + 201 + 380$	$647 := 2^4 + 5^1 + 25^2 + 32^0$	$= 24 + 51 + 252 + 320$
$647 := 1^4 + 18^0 + 20^1 + 25^2$	$= 14 + 180 + 201 + 252$	$647 := 2^7 + 2^9 + 6^1 + 53^0$	$= 27 + 29 + 61 + 530$
$647 := 2^0 + 3^4 + 23^2 + 36^1$	$= 20 + 34 + 232 + 361$	$647 := 2^8 + 3^4 + 4^4 + 54^1$	$= 28 + 34 + 44 + 541$
$647 := 2^2 + 5^4 + 17^1 + 40^0$	$= 22 + 54 + 171 + 400$	$647 := 3^2 + 5^4 + 12^1 + 44^0$	$= 32 + 54 + 121 + 440$
$647 := 2^4 + 2^9 + 4^3 + 55^1$	$= 24 + 29 + 43 + 551$	$647 := 4^2 + 5^1 + 5^4 + 50^0$	$= 42 + 51 + 54 + 500$

$647 := 4^4 + 12^0 + 19^2 + 29^1$	$= 44 + 120 + 192 + 291$	$647 := 1^4 + 2^0 + 17^0 + 19^1 + 25^2$	$= 14 + 20 + 170 + 191 + 252$
$647 := 5^3 + 11^2 + 20^2 + 28^0$	$= 53 + 112 + 202 + 280$	$647 := 1^4 + 3^0 + 16^0 + 19^1 + 25^2$	$= 14 + 30 + 160 + 191 + 252$
$647 := 5^3 + 8^3 + 9^1 + 42^0$	$= 53 + 83 + 91 + 420$	$647 := 1^4 + 4^0 + 15^0 + 19^1 + 25^2$	$= 14 + 40 + 150 + 191 + 252$
$647 := 1^0 + 1^4 + 18^0 + 19^1 + 25^2$	$= 10 + 14 + 180 + 191 + 252$	$647 := 1^4 + 5^0 + 14^0 + 19^1 + 25^2$	$= 14 + 50 + 140 + 191 + 252$
$647 := 1^0 + 2^3 + 14^2 + 21^2 + 26^0$	$= 10 + 23 + 142 + 212 + 260$	$647 := 1^4 + 6^0 + 13^0 + 19^1 + 25^2$	$= 14 + 60 + 130 + 191 + 252$
$647 := 1^0 + 5^3 + 14^2 + 18^2 + 26^0$	$= 10 + 53 + 142 + 182 + 260$	$647 := 1^4 + 7^0 + 12^0 + 19^1 + 25^2$	$= 14 + 70 + 120 + 191 + 252$
$647 := 1^1 + 1^3 + 18^0 + 19^1 + 25^2$	$= 11 + 13 + 180 + 191 + 252$	$647 := 1^4 + 8^0 + 11^0 + 19^1 + 25^2$	$= 14 + 80 + 110 + 191 + 252$
$647 := 1^1 + 10^2 + 16^2 + 17^2 + 20^0$	$= 11 + 102 + 162 + 172 + 200$	$647 := 1^4 + 9^0 + 10^0 + 19^1 + 25^2$	$= 14 + 90 + 100 + 191 + 252$
$647 := 1^1 + 2^3 + 12^1 + 24^0 + 25^2$	$= 11 + 23 + 121 + 240 + 252$	$647 := 1^5 + 1^9 + 17^0 + 19^1 + 25^2$	$= 15 + 19 + 170 + 191 + 252$
$647 := 1^1 + 4^2 + 10^2 + 23^2 + 26^0$	$= 11 + 42 + 102 + 232 + 260$	$647 := 1^6 + 1^8 + 17^0 + 19^1 + 25^2$	$= 16 + 18 + 170 + 191 + 252$
$647 := 1^1 + 7^2 + 14^2 + 20^2 + 22^0$	$= 11 + 72 + 142 + 202 + 220$	$647 := 1^7 + 1^7 + 17^0 + 19^1 + 25^2$	$= 17 + 17 + 170 + 191 + 252$
$647 := 1^1 + 7^3 + 13^1 + 17^2 + 26^0$	$= 11 + 73 + 131 + 172 + 260$	$647 := 1^8 + 2^5 + 17^2 + 18^2 + 25^0$	$= 18 + 25 + 172 + 182 + 250$
$647 := 1^2 + 1^2 + 18^0 + 19^1 + 25^2$	$= 12 + 12 + 180 + 191 + 252$	$647 := 1^9 + 2^3 + 17^2 + 18^2 + 25^1$	$= 19 + 23 + 172 + 182 + 251$
$647 := 1^2 + 10^2 + 14^0 + 16^1 + 23^2$	$= 12 + 102 + 140 + 161 + 232$	$647 := 1^9 + 2^4 + 10^2 + 23^2 + 27^0$	$= 19 + 24 + 102 + 232 + 270$
$647 := 1^2 + 12^0 + 12^2 + 17^1 + 22^2$	$= 12 + 120 + 122 + 171 + 222$	$647 := 1^9 + 3^4 + 10^1 + 23^2 + 26^1$	$= 19 + 34 + 101 + 232 + 261$
$647 := 1^2 + 2^2 + 16^1 + 20^0 + 25^2$	$= 12 + 22 + 161 + 200 + 252$	$647 := 1^9 + 3^4 + 11^1 + 23^2 + 25^1$	$= 19 + 34 + 111 + 232 + 251$
$647 := 1^2 + 3^2 + 11^1 + 24^0 + 25^2$	$= 12 + 32 + 111 + 240 + 252$	$647 := 1^9 + 3^4 + 12^1 + 23^2 + 24^1$	$= 19 + 34 + 121 + 232 + 241$
$647 := 1^2 + 5^1 + 8^2 + 24^2 + 26^0$	$= 12 + 51 + 82 + 242 + 260$	$647 := 1^9 + 3^4 + 13^1 + 23^1 + 23^2$	$= 19 + 34 + 131 + 231 + 232$
$647 := 1^2 + 5^4 + 12^0 + 19^1 + 27^0$	$= 12 + 54 + 120 + 191 + 270$	$647 := 1^9 + 3^4 + 14^1 + 22^1 + 23^2$	$= 19 + 34 + 141 + 221 + 232$
$647 := 1^2 + 5^4 + 13^0 + 19^1 + 26^0$	$= 12 + 54 + 130 + 191 + 260$	$647 := 1^9 + 3^4 + 15^1 + 21^1 + 23^2$	$= 19 + 34 + 151 + 211 + 232$
$647 := 1^2 + 5^4 + 14^0 + 19^1 + 25^0$	$= 12 + 54 + 140 + 191 + 250$	$647 := 1^9 + 3^4 + 16^1 + 20^1 + 23^2$	$= 19 + 34 + 161 + 201 + 232$
$647 := 1^2 + 5^4 + 15^0 + 19^1 + 24^0$	$= 12 + 54 + 150 + 191 + 240$	$647 := 1^9 + 3^4 + 17^1 + 19^1 + 23^2$	$= 19 + 34 + 171 + 191 + 232$
$647 := 1^2 + 5^4 + 16^0 + 19^1 + 23^0$	$= 12 + 54 + 160 + 191 + 230$	$647 := 1^9 + 3^4 + 18^1 + 18^1 + 23^2$	$= 19 + 34 + 181 + 181 + 232$
$647 := 1^2 + 5^4 + 17^0 + 19^1 + 22^0$	$= 12 + 54 + 170 + 191 + 220$	$647 := 1^9 + 3^4 + 9^1 + 23^2 + 27^1$	$= 19 + 34 + 91 + 232 + 271$
$647 := 1^2 + 5^4 + 18^0 + 19^1 + 21^0$	$= 12 + 54 + 180 + 191 + 210$	$647 := 1^9 + 4^3 + 14^2 + 19^2 + 25^1$	$= 19 + 43 + 142 + 192 + 251$
$647 := 1^2 + 5^4 + 19^0 + 19^1 + 20^0$	$= 12 + 54 + 190 + 191 + 200$	$647 := 10^0 + 11^1 + 11^2 + 15^2 + 17^2$	$= 100 + 111 + 112 + 152 + 172$
$647 := 1^2 + 7^2 + 12^0 + 20^1 + 24^2$	$= 12 + 72 + 120 + 201 + 242$	$647 := 2^0 + 11^2 + 12^2 + 19^2 + 20^1$	$= 20 + 112 + 122 + 192 + 201$
$647 := 1^2 + 8^0 + 15^2 + 20^1 + 20^2$	$= 12 + 80 + 152 + 201 + 202$	$647 := 2^0 + 13^2 + 13^2 + 17^2 + 19^1$	$= 20 + 132 + 132 + 172 + 191$
$647 := 1^2 + 8^1 + 14^2 + 20^0 + 21^2$	$= 12 + 81 + 142 + 200 + 212$	$647 := 2^0 + 2^2 + 16^2 + 19^2 + 25^1$	$= 20 + 22 + 162 + 192 + 251$
$647 := 1^3 + 10^1 + 10^1 + 18^0 + 25^2$	$= 13 + 101 + 101 + 180 + 252$	$647 := 2^0 + 2^3 + 14^2 + 21^2 + 25^0$	$= 20 + 23 + 142 + 212 + 250$
$647 := 1^3 + 2^1 + 18^0 + 18^1 + 25^2$	$= 13 + 21 + 180 + 181 + 252$	$647 := 2^0 + 3^2 + 17^2 + 18^2 + 24^1$	$= 20 + 32 + 172 + 182 + 241$
$647 := 1^3 + 3^1 + 17^1 + 18^0 + 25^2$	$= 13 + 31 + 171 + 180 + 252$	$647 := 2^0 + 3^2 + 9^2 + 23^2 + 27^1$	$= 20 + 32 + 92 + 232 + 271$
$647 := 1^3 + 4^1 + 16^1 + 18^0 + 25^2$	$= 13 + 41 + 161 + 180 + 252$	$647 := 2^0 + 4^2 + 11^2 + 22^2 + 25^1$	$= 20 + 42 + 112 + 222 + 251$
$647 := 1^3 + 5^1 + 15^1 + 18^0 + 25^2$	$= 13 + 51 + 151 + 180 + 252$	$647 := 2^0 + 5^3 + 14^2 + 18^2 + 25^0$	$= 20 + 53 + 142 + 182 + 250$
$647 := 1^3 + 6^1 + 14^1 + 18^0 + 25^2$	$= 13 + 61 + 141 + 180 + 252$	$647 := 2^0 + 9^2 + 12^2 + 20^2 + 21^1$	$= 20 + 92 + 122 + 202 + 211$
$647 := 1^3 + 7^1 + 13^1 + 18^0 + 25^2$	$= 13 + 71 + 131 + 180 + 252$	$647 := 2^0 + 9^2 + 16^2 + 17^2 + 20^1$	$= 20 + 92 + 162 + 172 + 201$
$647 := 1^3 + 8^1 + 12^1 + 18^0 + 25^2$	$= 13 + 81 + 121 + 180 + 252$	$647 := 2^1 + 10^2 + 12^2 + 20^0 + 20^2$	$= 21 + 102 + 122 + 200 + 202$
$647 := 1^3 + 9^1 + 11^1 + 18^0 + 25^2$	$= 13 + 91 + 111 + 180 + 252$	$647 := 2^1 + 2^3 + 11^1 + 24^0 + 25^2$	$= 21 + 23 + 111 + 240 + 252$

$$\begin{aligned}
 647 &:= 2^1 + 4^2 + 12^2 + 22^2 + 24^0 = 21 + 42 + 122 + 222 + 240 & 647 &:= 2^4 + 4^1 + 16^0 + 17^0 + 25^2 = 24 + 41 + 160 + 170 + 252 \\
 647 &:= 2^1 + 7^3 + 12^1 + 17^2 + 26^0 = 21 + 73 + 121 + 172 + 260 & 647 &:= 2^4 + 4^1 + 6^0 + 25^2 + 27^0 = 24 + 41 + 60 + 252 + 270 \\
 647 &:= 2^1 + 8^2 + 16^2 + 18^2 + 20^0 = 21 + 82 + 162 + 182 + 200 & 647 &:= 2^4 + 4^1 + 7^0 + 25^2 + 26^0 = 24 + 41 + 70 + 252 + 260 \\
 647 &:= 2^2 + 10^0 + 15^2 + 17^1 + 20^2 = 22 + 100 + 152 + 171 + 202 & 647 &:= 2^4 + 4^1 + 8^0 + 25^0 + 25^2 = 24 + 41 + 80 + 250 + 252 \\
 647 &:= 2^2 + 10^2 + 13^1 + 16^0 + 23^2 = 22 + 102 + 131 + 160 + 232 & 647 &:= 2^4 + 4^1 + 9^0 + 24^0 + 25^2 = 24 + 41 + 90 + 240 + 252 \\
 647 &:= 2^2 + 12^2 + 14^0 + 14^1 + 22^2 = 22 + 122 + 140 + 141 + 222 & 647 &:= 2^7 + 2^9 + 5^1 + 27^0 + 27^0 = 27 + 29 + 51 + 270 + 270 \\
 647 &:= 2^2 + 2^2 + 13^1 + 22^0 + 25^2 = 22 + 22 + 131 + 220 + 252 & 647 &:= 2^8 + 3^5 + 10^2 + 21^1 + 27^1 = 28 + 35 + 102 + 211 + 271 \\
 647 &:= 2^2 + 3^2 + 8^1 + 25^2 + 26^0 = 22 + 32 + 81 + 252 + 260 & 647 &:= 2^8 + 3^5 + 10^2 + 22^1 + 26^1 = 28 + 35 + 102 + 221 + 261 \\
 647 &:= 2^2 + 5^1 + 14^2 + 21^2 + 22^0 = 22 + 51 + 142 + 212 + 220 & 647 &:= 2^8 + 3^5 + 10^2 + 23^1 + 25^1 = 28 + 35 + 102 + 231 + 251 \\
 647 &:= 2^2 + 5^4 + 14^0 + 16^1 + 27^0 = 22 + 54 + 140 + 161 + 270 & 647 &:= 2^8 + 3^5 + 10^2 + 24^1 + 24^1 = 28 + 35 + 102 + 241 + 241 \\
 647 &:= 2^2 + 5^4 + 15^0 + 16^1 + 26^0 = 22 + 54 + 150 + 161 + 260 & 647 &:= 3^0 + 5^3 + 14^2 + 18^2 + 24^0 = 30 + 53 + 142 + 182 + 240 \\
 647 &:= 2^2 + 5^4 + 16^0 + 16^1 + 25^0 = 22 + 54 + 160 + 161 + 250 & 647 &:= 3^1 + 6^3 + 8^0 + 20^2 + 27^1 = 31 + 63 + 80 + 202 + 271 \\
 647 &:= 2^2 + 5^4 + 16^1 + 17^0 + 24^0 = 22 + 54 + 161 + 170 + 240 & 647 &:= 3^1 + 7^3 + 11^1 + 17^2 + 26^0 = 31 + 73 + 111 + 172 + 260 \\
 647 &:= 2^2 + 5^4 + 16^1 + 18^0 + 23^0 = 22 + 54 + 161 + 180 + 230 & 647 &:= 3^1 + 9^2 + 11^2 + 20^0 + 21^2 = 31 + 92 + 112 + 200 + 212 \\
 647 &:= 2^2 + 5^4 + 16^1 + 19^0 + 22^0 = 22 + 54 + 161 + 190 + 220 & 647 &:= 3^2 + 12^1 + 14^0 + 15^2 + 20^2 = 32 + 121 + 140 + 152 + 202 \\
 647 &:= 2^2 + 5^4 + 16^1 + 20^0 + 21^0 = 22 + 54 + 161 + 200 + 210 & 647 &:= 3^2 + 5^4 + 11^1 + 18^0 + 27^0 = 32 + 54 + 111 + 180 + 270 \\
 647 &:= 2^2 + 7^2 + 14^0 + 17^1 + 24^2 = 22 + 72 + 140 + 171 + 242 & 647 &:= 3^2 + 5^4 + 11^1 + 19^0 + 26^0 = 32 + 54 + 111 + 190 + 260 \\
 647 &:= 2^3 + 10^0 + 14^2 + 17^0 + 21^2 = 23 + 100 + 142 + 170 + 212 & 647 &:= 3^2 + 5^4 + 11^1 + 20^0 + 25^0 = 32 + 54 + 111 + 200 + 250 \\
 647 &:= 2^3 + 11^0 + 14^2 + 16^0 + 21^2 = 23 + 110 + 142 + 160 + 212 & 647 &:= 3^2 + 5^4 + 11^1 + 21^0 + 24^0 = 32 + 54 + 111 + 210 + 240 \\
 647 &:= 2^3 + 12^0 + 14^2 + 15^0 + 21^2 = 23 + 120 + 142 + 150 + 212 & 647 &:= 3^2 + 5^4 + 11^1 + 22^0 + 23^0 = 32 + 54 + 111 + 220 + 230 \\
 647 &:= 2^3 + 13^0 + 14^0 + 14^2 + 21^2 = 23 + 130 + 140 + 142 + 212 & 647 &:= 3^2 + 6^0 + 16^2 + 19^2 + 20^1 = 32 + 60 + 162 + 192 + 201 \\
 647 &:= 2^3 + 3^0 + 14^2 + 21^2 + 24^0 = 23 + 30 + 142 + 212 + 240 & 647 &:= 3^2 + 6^0 + 6^2 + 24^2 + 25^1 = 32 + 60 + 62 + 242 + 251 \\
 647 &:= 2^3 + 3^1 + 10^1 + 24^0 + 25^2 = 23 + 31 + 101 + 240 + 252 & 647 &:= 3^2 + 7^2 + 12^1 + 18^0 + 24^2 = 32 + 72 + 121 + 180 + 242 \\
 647 &:= 2^3 + 4^0 + 14^2 + 21^2 + 23^0 = 23 + 40 + 142 + 212 + 230 & 647 &:= 3^2 + 8^1 + 10^2 + 20^0 + 23^2 = 32 + 81 + 102 + 200 + 232 \\
 647 &:= 2^3 + 4^1 + 9^1 + 24^0 + 25^2 = 23 + 41 + 91 + 240 + 252 & 647 &:= 3^2 + 9^1 + 12^2 + 18^0 + 22^2 = 32 + 91 + 122 + 180 + 222 \\
 647 &:= 2^3 + 5^0 + 14^2 + 21^2 + 22^0 = 23 + 50 + 142 + 212 + 220 & 647 &:= 4^0 + 12^2 + 14^2 + 17^1 + 17^2 = 40 + 122 + 142 + 171 + 172 \\
 647 &:= 2^3 + 5^1 + 8^1 + 24^0 + 25^2 = 23 + 51 + 81 + 240 + 252 & 647 &:= 4^0 + 5^3 + 14^2 + 18^2 + 23^0 = 40 + 53 + 142 + 182 + 230 \\
 647 &:= 2^3 + 6^0 + 14^2 + 21^0 + 21^2 = 23 + 60 + 142 + 210 + 212 & 647 &:= 4^0 + 5^3 + 6^2 + 22^2 + 27^0 = 40 + 53 + 62 + 222 + 270 \\
 647 &:= 2^3 + 6^1 + 7^1 + 24^0 + 25^2 = 23 + 61 + 71 + 240 + 252 & 647 &:= 4^0 + 7^2 + 17^2 + 17^2 + 19^1 = 40 + 72 + 172 + 172 + 191 \\
 647 &:= 2^3 + 7^0 + 14^2 + 20^0 + 21^2 = 23 + 70 + 142 + 200 + 212 & 647 &:= 4^0 + 8^2 + 11^2 + 20^1 + 21^2 = 40 + 82 + 112 + 201 + 212 \\
 647 &:= 2^3 + 8^0 + 14^2 + 19^0 + 21^2 = 23 + 80 + 142 + 190 + 212 & 647 &:= 4^1 + 11^2 + 11^2 + 18^0 + 20^2 = 41 + 112 + 112 + 180 + 202 \\
 647 &:= 2^3 + 9^0 + 14^2 + 18^0 + 21^2 = 23 + 90 + 142 + 180 + 212 & 647 &:= 4^1 + 4^2 + 5^4 + 24^0 + 27^0 = 41 + 42 + 54 + 240 + 270 \\
 647 &:= 2^4 + 4^1 + 10^0 + 23^0 + 25^2 = 24 + 41 + 100 + 230 + 252 & 647 &:= 4^1 + 4^2 + 5^4 + 25^0 + 26^0 = 41 + 42 + 54 + 250 + 260 \\
 647 &:= 2^4 + 4^1 + 11^0 + 22^0 + 25^2 = 24 + 41 + 110 + 220 + 252 & 647 &:= 4^1 + 5^2 + 16^2 + 19^2 + 20^0 = 41 + 52 + 162 + 192 + 200 \\
 647 &:= 2^4 + 4^1 + 12^0 + 21^0 + 25^2 = 24 + 41 + 120 + 210 + 252 & 647 &:= 4^1 + 6^3 + 8^0 + 20^2 + 26^1 = 41 + 63 + 80 + 202 + 261 \\
 647 &:= 2^4 + 4^1 + 13^0 + 20^0 + 25^2 = 24 + 41 + 130 + 200 + 252 & 647 &:= 4^1 + 7^2 + 8^2 + 22^0 + 23^2 = 41 + 72 + 82 + 220 + 232 \\
 647 &:= 2^4 + 4^1 + 14^0 + 19^0 + 25^2 = 24 + 41 + 140 + 190 + 252 & 647 &:= 4^1 + 7^3 + 10^1 + 17^2 + 26^0 = 41 + 73 + 101 + 172 + 260 \\
 647 &:= 2^4 + 4^1 + 15^0 + 18^0 + 25^2 = 24 + 41 + 150 + 180 + 252 & 647 &:= 4^1 + 8^2 + 17^2 + 17^2 + 18^0 = 41 + 82 + 172 + 172 + 180
 \end{aligned}$$

$$\begin{aligned}
 647 &:= 4^2 + 12^0 + 13^1 + 16^2 + 19^2 = 42 + 120 + 131 + 162 + 192 & 647 &:= 5^3 + 8^1 + 8^3 + 17^0 + 26^0 = 53 + 81 + 83 + 170 + 260 \\
 647 &:= 4^2 + 5^1 + 15^2 + 20^0 + 20^2 = 42 + 51 + 152 + 200 + 202 & 647 &:= 5^3 + 8^1 + 8^3 + 18^0 + 25^0 = 53 + 81 + 83 + 180 + 250 \\
 647 &:= 4^2 + 5^1 + 7^2 + 24^0 + 24^2 = 42 + 51 + 72 + 240 + 242 & 647 &:= 5^3 + 8^1 + 8^3 + 19^0 + 24^0 = 53 + 81 + 83 + 190 + 240 \\
 647 &:= 4^2 + 6^0 + 13^2 + 20^1 + 21^2 = 42 + 60 + 132 + 201 + 212 & 647 &:= 5^3 + 8^1 + 8^3 + 20^0 + 23^0 = 53 + 81 + 83 + 200 + 230 \\
 647 &:= 4^2 + 6^2 + 12^0 + 18^1 + 24^2 = 42 + 62 + 120 + 181 + 242 & 647 &:= 5^3 + 8^1 + 8^3 + 21^0 + 22^0 = 53 + 81 + 83 + 210 + 220 \\
 647 &:= 4^2 + 8^0 + 17^1 + 17^2 + 18^2 = 42 + 80 + 171 + 172 + 182 & 647 &:= 5^3 + 9^0 + 14^2 + 18^0 + 18^2 = 53 + 90 + 142 + 180 + 182 \\
 647 &:= 4^2 + 8^0 + 9^2 + 20^1 + 23^2 = 42 + 80 + 92 + 201 + 232 & 647 &:= 6^0 + 10^2 + 13^2 + 16^1 + 19^2 = 60 + 102 + 132 + 161 + 192 \\
 647 &:= 5^0 + 5^3 + 14^2 + 18^2 + 22^0 = 50 + 53 + 142 + 182 + 220 & 647 &:= 6^0 + 7^2 + 16^2 + 17^1 + 18^2 = 60 + 72 + 162 + 171 + 182 \\
 647 &:= 5^0 + 5^3 + 6^2 + 22^2 + 26^0 = 50 + 53 + 62 + 222 + 260 & 647 &:= 6^0 + 9^2 + 15^2 + 16^1 + 18^2 = 60 + 92 + 152 + 161 + 182 \\
 647 &:= 5^1 + 10^2 + 10^2 + 18^0 + 21^2 = 51 + 102 + 102 + 180 + 212 & 647 &:= 6^1 + 6^3 + 8^0 + 20^2 + 24^1 = 61 + 63 + 80 + 202 + 241 \\
 647 &:= 5^1 + 11^2 + 14^2 + 16^0 + 18^2 = 51 + 112 + 142 + 160 + 182 & 647 &:= 6^1 + 7^3 + 8^1 + 17^2 + 26^0 = 61 + 73 + 81 + 172 + 260 \\
 647 &:= 5^1 + 6^2 + 11^2 + 20^0 + 22^2 = 51 + 62 + 112 + 200 + 222 & 647 &:= 6^2 + 10^0 + 14^1 + 14^2 + 20^2 = 62 + 100 + 141 + 142 + 202 \\
 647 &:= 5^1 + 6^3 + 8^0 + 20^2 + 25^1 = 51 + 63 + 80 + 202 + 251 & 647 &:= 6^2 + 8^2 + 10^0 + 17^1 + 23^2 = 62 + 82 + 100 + 171 + 232 \\
 647 &:= 5^1 + 7^3 + 9^1 + 17^2 + 26^0 = 51 + 73 + 91 + 172 + 260 & 647 &:= 6^3 + 7^1 + 8^0 + 20^2 + 23^1 = 63 + 71 + 80 + 202 + 231 \\
 647 &:= 5^2 + 10^0 + 11^2 + 16^1 + 22^2 = 52 + 100 + 112 + 161 + 222 & 647 &:= 6^3 + 8^0 + 10^1 + 20^1 + 20^2 = 63 + 80 + 101 + 201 + 202 \\
 647 &:= 5^2 + 11^1 + 13^2 + 14^0 + 21^2 = 52 + 111 + 132 + 140 + 212 & 647 &:= 6^3 + 8^0 + 11^1 + 19^1 + 20^2 = 63 + 80 + 111 + 191 + 202 \\
 647 &:= 5^2 + 5^2 + 10^0 + 20^1 + 24^2 = 52 + 52 + 100 + 201 + 242 & 647 &:= 6^3 + 8^0 + 12^1 + 18^1 + 20^2 = 63 + 80 + 121 + 181 + 202 \\
 647 &:= 5^2 + 6^2 + 9^1 + 20^0 + 24^2 = 52 + 62 + 91 + 200 + 242 & 647 &:= 6^3 + 8^0 + 13^1 + 17^1 + 20^2 = 63 + 80 + 131 + 171 + 202 \\
 647 &:= 5^2 + 8^1 + 16^0 + 17^2 + 18^2 = 52 + 81 + 160 + 172 + 182 & 647 &:= 6^3 + 8^0 + 14^1 + 16^1 + 20^2 = 63 + 80 + 141 + 161 + 202 \\
 647 &:= 5^2 + 9^2 + 11^1 + 16^0 + 23^2 = 52 + 92 + 111 + 160 + 232 & 647 &:= 6^3 + 8^0 + 15^1 + 15^1 + 20^2 = 63 + 80 + 151 + 151 + 202 \\
 647 &:= 5^3 + 10^0 + 14^2 + 17^0 + 18^2 = 53 + 100 + 142 + 170 + 182 & 647 &:= 6^3 + 8^0 + 8^1 + 20^2 + 22^1 = 63 + 80 + 81 + 202 + 221 \\
 647 &:= 5^3 + 11^0 + 14^2 + 16^0 + 18^2 = 53 + 110 + 142 + 160 + 182 & 647 &:= 6^3 + 8^0 + 9^1 + 20^2 + 21^1 = 63 + 80 + 91 + 202 + 211 \\
 647 &:= 5^3 + 12^0 + 14^2 + 15^0 + 18^2 = 53 + 120 + 142 + 150 + 182 & 647 &:= 7^1 + 7^1 + 7^3 + 17^2 + 26^0 = 71 + 71 + 73 + 172 + 260 \\
 647 &:= 5^3 + 13^0 + 14^0 + 14^2 + 18^2 = 53 + 130 + 140 + 142 + 182 & 647 &:= 7^1 + 8^3 + 10^2 + 12^0 + 27^1 = 71 + 83 + 102 + 120 + 271 \\
 647 &:= 5^3 + 6^0 + 14^2 + 18^2 + 21^0 = 53 + 60 + 142 + 182 + 210 & 647 &:= 7^2 + 10^2 + 12^0 + 13^1 + 22^2 = 72 + 102 + 120 + 131 + 222 \\
 647 &:= 5^3 + 6^0 + 6^2 + 22^2 + 25^0 = 53 + 60 + 62 + 222 + 250 & 647 &:= 7^2 + 11^1 + 12^0 + 15^2 + 19^2 = 72 + 111 + 120 + 152 + 192 \\
 647 &:= 5^3 + 6^2 + 10^0 + 21^0 + 22^2 = 53 + 62 + 100 + 210 + 222 & 647 &:= 7^2 + 12^0 + 12^1 + 12^2 + 21^2 = 72 + 120 + 121 + 122 + 212 \\
 647 &:= 5^3 + 6^2 + 11^0 + 20^0 + 22^2 = 53 + 62 + 110 + 200 + 222 & 647 &:= 7^2 + 7^2 + 8^0 + 19^1 + 23^2 = 72 + 72 + 80 + 191 + 232 \\
 647 &:= 5^3 + 6^2 + 12^0 + 19^0 + 22^2 = 53 + 62 + 120 + 190 + 222 & 647 &:= 8^0 + 11^2 + 13^1 + 16^2 + 16^2 = 80 + 112 + 131 + 162 + 162 \\
 647 &:= 5^3 + 6^2 + 13^0 + 18^0 + 22^2 = 53 + 62 + 130 + 180 + 222 & 647 &:= 8^0 + 8^2 + 9^2 + 17^1 + 22^2 = 80 + 82 + 92 + 171 + 222 \\
 647 &:= 5^3 + 6^2 + 14^0 + 17^0 + 22^2 = 53 + 62 + 140 + 170 + 222 & 647 &:= 8^1 + 8^3 + 10^2 + 12^0 + 26^1 = 81 + 83 + 102 + 120 + 261 \\
 647 &:= 5^3 + 6^2 + 15^0 + 16^0 + 22^2 = 53 + 62 + 150 + 160 + 222 & 647 &:= 8^1 + 9^2 + 14^0 + 14^2 + 19^2 = 81 + 92 + 140 + 142 + 192 \\
 647 &:= 5^3 + 6^2 + 7^0 + 22^2 + 24^0 = 53 + 62 + 70 + 222 + 240 & 647 &:= 8^2 + 10^0 + 13^1 + 13^2 + 20^2 = 82 + 100 + 131 + 132 + 202 \\
 647 &:= 5^3 + 6^2 + 8^0 + 22^2 + 23^0 = 53 + 62 + 80 + 222 + 230 & 647 &:= 8^3 + 10^1 + 10^2 + 12^0 + 24^1 = 83 + 101 + 102 + 120 + 241 \\
 647 &:= 5^3 + 6^2 + 9^0 + 22^0 + 22^2 = 53 + 62 + 90 + 220 + 222 & 647 &:= 8^3 + 10^2 + 11^1 + 12^0 + 23^1 = 83 + 102 + 111 + 120 + 231 \\
 647 &:= 5^3 + 7^0 + 14^2 + 18^2 + 20^0 = 53 + 70 + 142 + 182 + 200 & 647 &:= 8^3 + 10^2 + 12^0 + 12^1 + 22^1 = 83 + 102 + 120 + 121 + 221 \\
 647 &:= 5^3 + 8^0 + 14^2 + 18^2 + 19^0 = 53 + 80 + 142 + 182 + 190 & 647 &:= 8^3 + 10^2 + 12^0 + 13^1 + 21^1 = 83 + 102 + 120 + 131 + 211 \\
 647 &:= 5^3 + 8^1 + 8^3 + 16^0 + 27^0 = 53 + 81 + 83 + 160 + 270 & 647 &:= 8^3 + 10^2 + 12^0 + 14^1 + 20^1 = 83 + 102 + 120 + 141 + 201
 \end{aligned}$$

$$647 := 8^3 + 10^2 + 12^0 + 15^1 + 19^1 = 83 + 102 + 120 + 151 + 191$$

$$647 := 8^3 + 10^2 + 12^0 + 16^1 + 18^1 = 83 + 102 + 120 + 161 + 181$$

$$647 := 8^3 + 10^2 + 12^0 + 17^1 + 17^1 = 83 + 102 + 120 + 171 + 171$$

$$647 := 8^3 + 9^1 + 10^2 + 12^0 + 25^1 = 83 + 91 + 102 + 120 + 251$$

$$647 := 9^1 + 12^0 + 12^2 + 13^2 + 18^2 = 91 + 120 + 122 + 132 + 182$$

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$$648 := 1^1 + 3^4 + 23^2 + 37^1 = 11 + 34 + 232 + 371$$

$$648 := 1^3 + 5^4 + 21^1 + 37^0 = 13 + 54 + 211 + 370$$

$$648 := 1^5 + 17^0 + 21^1 + 25^2 = 15 + 170 + 211 + 252$$

$$648 := 2^1 + 3^4 + 23^2 + 36^1 = 21 + 34 + 232 + 361$$

$$648 := 2^2 + 5^3 + 22^2 + 35^1 = 22 + 53 + 222 + 351$$

$$648 := 2^3 + 17^2 + 18^2 + 27^1 = 23 + 172 + 182 + 271$$

$$648 := 2^3 + 5^4 + 14^1 + 43^0 = 23 + 54 + 141 + 430$$

$$648 := 2^3 + 9^2 + 23^2 + 30^1 = 23 + 92 + 232 + 301$$

$$648 := 3^1 + 3^4 + 23^2 + 35^1 = 31 + 34 + 232 + 351$$

$$648 := 3^4 + 10^1 + 23^2 + 28^1 = 34 + 101 + 232 + 281$$

$$648 := 3^4 + 11^1 + 23^2 + 27^1 = 34 + 111 + 232 + 271$$

$$648 := 3^4 + 12^1 + 23^2 + 26^1 = 34 + 121 + 232 + 261$$

$$648 := 3^4 + 13^1 + 23^2 + 25^1 = 34 + 131 + 232 + 251$$

$$648 := 3^4 + 14^1 + 23^2 + 24^1 = 34 + 141 + 232 + 241$$

$$648 := 3^4 + 15^1 + 23^1 + 23^2 = 34 + 151 + 231 + 232$$

$$648 := 3^4 + 16^1 + 22^1 + 23^2 = 34 + 161 + 221 + 232$$

$$648 := 3^4 + 17^1 + 21^1 + 23^2 = 34 + 171 + 211 + 232$$

$$648 := 3^4 + 18^1 + 20^1 + 23^2 = 34 + 181 + 201 + 232$$

$$648 := 3^4 + 19^1 + 19^1 + 23^2 = 34 + 191 + 191 + 232$$

$$648 := 3^4 + 4^1 + 23^2 + 34^1 = 34 + 41 + 232 + 341$$

$$648 := 3^4 + 5^1 + 23^2 + 33^1 = 34 + 51 + 232 + 331$$

$$648 := 3^4 + 6^1 + 23^2 + 32^1 = 34 + 61 + 232 + 321$$

$$648 := 3^4 + 7^1 + 23^2 + 31^1 = 34 + 71 + 232 + 311$$

$$648 := 3^4 + 8^1 + 23^2 + 30^1 = 34 + 81 + 232 + 301$$

$$648 := 3^4 + 9^1 + 23^2 + 29^1 = 34 + 91 + 232 + 291$$

$$648 := 3^5 + 4^1 + 20^2 + 37^0 = 35 + 41 + 202 + 370$$

$$648 := 4^3 + 14^2 + 19^2 + 27^1 = 43 + 142 + 192 + 271$$

$$648 := 4^4 + 5^0 + 7^3 + 48^1 = 44 + 50 + 73 + 481$$

$$648 := 1^0 + 1^5 + 17^0 + 20^1 + 25^2 = 10 + 15 + 170 + 201 + 252$$

$$648 := 1^0 + 2^3 + 17^2 + 18^2 + 26^1 = 10 + 23 + 172 + 182 + 261$$

$$648 := 1^0 + 3^4 + 10^1 + 23^2 + 27^1 = 10 + 34 + 101 + 232 + 271$$

$$648 := 1^0 + 3^4 + 11^1 + 23^2 + 26^1 = 10 + 34 + 111 + 232 + 261$$

$$648 := 1^0 + 3^4 + 12^1 + 23^2 + 25^1 = 10 + 34 + 121 + 232 + 251$$

$$648 := 1^0 + 3^4 + 13^1 + 23^2 + 24^1 = 10 + 34 + 131 + 232 + 241$$

$$648 := 1^0 + 3^4 + 14^1 + 23^1 + 23^2 = 10 + 34 + 141 + 231 + 232$$

$$648 := 1^0 + 3^4 + 15^1 + 22^1 + 23^2 = 10 + 34 + 151 + 221 + 232$$

$$648 := 1^0 + 3^4 + 16^1 + 21^1 + 23^2 = 10 + 34 + 161 + 211 + 232$$

$$648 := 1^0 + 3^4 + 17^1 + 20^1 + 23^2 = 10 + 34 + 171 + 201 + 232$$

$$648 := 1^0 + 3^4 + 18^1 + 19^1 + 23^2 = 10 + 34 + 181 + 191 + 232$$

$$648 := 1^0 + 4^3 + 14^2 + 19^2 + 26^1 = 10 + 43 + 142 + 192 + 261$$

$$648 := 1^1 + 1^4 + 17^0 + 20^1 + 25^2 = 11 + 14 + 170 + 201 + 252$$

$$648 := 1^1 + 11^2 + 12^2 + 19^2 + 21^1 = 11 + 112 + 122 + 192 + 211$$

$$648 := 1^1 + 13^2 + 13^2 + 17^2 + 20^1 = 11 + 132 + 132 + 172 + 201$$

$$648 := 1^1 + 2^2 + 16^2 + 19^2 + 26^1 = 11 + 22 + 162 + 192 + 261$$

$$648 := 1^1 + 3^2 + 17^2 + 18^2 + 25^1 = 11 + 32 + 172 + 182 + 251$$

$$648 := 1^1 + 4^2 + 11^2 + 22^2 + 26^1 = 11 + 42 + 112 + 222 + 261$$

$$648 := 1^1 + 5^3 + 11^2 + 20^2 + 27^0 = 11 + 53 + 112 + 202 + 270$$

$$648 := 1^1 + 9^2 + 12^2 + 20^2 + 22^1 = 11 + 92 + 122 + 202 + 221$$

$$648 := 1^1 + 9^2 + 16^2 + 17^2 + 21^1 = 11 + 92 + 162 + 172 + 211$$

$$648 := 1^2 + 1^3 + 17^0 + 20^1 + 25^2 = 12 + 13 + 170 + 201 + 252$$

$$648 := 1^2 + 14^2 + 15^2 + 15^2 + 19^0 = 12 + 142 + 152 + 152 + 190$$

$$648 := 1^2 + 2^3 + 13^1 + 23^0 + 25^2 = 12 + 23 + 131 + 230 + 252$$

$$648 := 1^2 + 3^2 + 14^2 + 21^2 + 25^0 = 12 + 32 + 142 + 212 + 250$$

$$648 := 1^2 + 6^2 + 13^2 + 21^2 + 23^0 = 12 + 62 + 132 + 212 + 230$$

$$648 := 1^2 + 6^2 + 9^2 + 23^2 + 25^0 = 12 + 62 + 92 + 232 + 250$$

$$648 := 1^2 + 7^3 + 14^1 + 17^2 + 25^0 = 12 + 73 + 141 + 172 + 250$$

$$648 := 1^2 + 9^2 + 9^2 + 22^2 + 23^0 = 12 + 92 + 92 + 222 + 230$$

$$648 := 1^3 + 10^2 + 13^0 + 17^1 + 23^2 = 13 + 102 + 130 + 171 + 232$$

$$648 := 1^3 + 11^0 + 12^2 + 18^1 + 22^2 = 13 + 110 + 122 + 181 + 222$$

$$648 := 1^3 + 2^2 + 17^1 + 19^0 + 25^2 = 13 + 22 + 171 + 190 + 252$$

$$648 := 1^3 + 3^2 + 12^1 + 23^0 + 25^2 = 13 + 32 + 121 + 230 + 252$$

$$648 := 1^3 + 5^4 + 11^0 + 20^1 + 27^0 = 13 + 54 + 110 + 201 + 270$$

$$648 := 1^3 + 5^4 + 12^0 + 20^1 + 26^0 = 13 + 54 + 120 + 201 + 260$$

$$648 := 1^3 + 5^4 + 13^0 + 20^1 + 25^0 = 13 + 54 + 130 + 201 + 250$$

$648 := 1^3 + 5^4 + 14^0 + 20^1 + 24^0 = 13 + 54 + 140 + 201 + 240$	$648 := 2^1 + 4^2 + 11^2 + 22^2 + 25^1 = 21 + 42 + 112 + 222 + 251$
$648 := 1^3 + 5^4 + 15^0 + 20^1 + 23^0 = 13 + 54 + 150 + 201 + 230$	$648 := 2^1 + 5^3 + 14^2 + 18^2 + 25^0 = 21 + 53 + 142 + 182 + 250$
$648 := 1^3 + 5^4 + 16^0 + 20^1 + 22^0 = 13 + 54 + 160 + 201 + 220$	$648 := 2^1 + 9^2 + 12^2 + 20^2 + 21^1 = 21 + 92 + 122 + 202 + 211$
$648 := 1^3 + 5^4 + 17^0 + 20^1 + 21^0 = 13 + 54 + 170 + 201 + 210$	$648 := 2^1 + 9^2 + 16^2 + 17^2 + 20^1 = 21 + 92 + 162 + 172 + 201$
$648 := 1^3 + 5^4 + 18^0 + 20^0 + 20^1 = 13 + 54 + 180 + 200 + 201$	$648 := 2^2 + 10^1 + 16^2 + 17^1 + 19^2 = 22 + 101 + 162 + 171 + 192$
$648 := 1^3 + 5^4 + 19^0 + 19^0 + 20^1 = 13 + 54 + 190 + 190 + 201$	$648 := 2^2 + 11^1 + 16^1 + 16^2 + 19^2 = 22 + 111 + 161 + 162 + 192$
$648 := 1^3 + 6^1 + 8^2 + 24^2 + 25^0 = 13 + 61 + 82 + 242 + 250$	$648 := 2^2 + 12^1 + 15^1 + 16^2 + 19^2 = 22 + 121 + 151 + 162 + 192$
$648 := 1^3 + 7^0 + 15^2 + 20^2 + 21^1 = 13 + 70 + 152 + 202 + 211$	$648 := 2^2 + 13^1 + 14^1 + 16^2 + 19^2 = 22 + 131 + 141 + 162 + 192$
$648 := 1^3 + 7^2 + 11^0 + 21^1 + 24^2 = 13 + 72 + 110 + 211 + 242$	$648 := 2^2 + 2^3 + 10^1 + 25^0 + 25^2 = 22 + 23 + 101 + 250 + 252$
$648 := 1^3 + 9^1 + 14^2 + 19^0 + 21^2 = 13 + 91 + 142 + 190 + 212$	$648 := 2^2 + 3^1 + 16^2 + 19^2 + 24^1 = 22 + 31 + 162 + 192 + 241$
$648 := 1^4 + 10^1 + 11^1 + 17^0 + 25^2 = 14 + 101 + 111 + 170 + 252$	$648 := 2^2 + 4^1 + 16^2 + 19^2 + 23^1 = 22 + 41 + 162 + 192 + 231$
$648 := 1^4 + 2^1 + 17^0 + 19^1 + 25^2 = 14 + 21 + 170 + 191 + 252$	$648 := 2^2 + 5^1 + 16^2 + 19^2 + 22^1 = 22 + 51 + 162 + 192 + 221$
$648 := 1^4 + 3^1 + 17^0 + 18^1 + 25^2 = 14 + 31 + 170 + 181 + 252$	$648 := 2^2 + 5^1 + 6^2 + 24^2 + 27^1 = 22 + 51 + 62 + 242 + 271$
$648 := 1^4 + 4^1 + 17^0 + 17^1 + 25^2 = 14 + 41 + 170 + 171 + 252$	$648 := 2^2 + 6^1 + 16^2 + 19^2 + 21^1 = 22 + 61 + 162 + 192 + 211$
$648 := 1^4 + 5^1 + 16^1 + 17^0 + 25^2 = 14 + 51 + 161 + 170 + 252$	$648 := 2^2 + 6^1 + 6^2 + 24^2 + 26^1 = 22 + 61 + 62 + 242 + 261$
$648 := 1^4 + 6^1 + 15^1 + 17^0 + 25^2 = 14 + 61 + 151 + 170 + 252$	$648 := 2^2 + 6^2 + 10^1 + 22^1 + 24^2 = 22 + 62 + 101 + 221 + 242$
$648 := 1^4 + 7^1 + 14^1 + 17^0 + 25^2 = 14 + 71 + 141 + 170 + 252$	$648 := 2^2 + 6^2 + 11^1 + 21^1 + 24^2 = 22 + 62 + 111 + 211 + 242$
$648 := 1^4 + 8^1 + 13^1 + 17^0 + 25^2 = 14 + 81 + 131 + 170 + 252$	$648 := 2^2 + 6^2 + 12^1 + 20^1 + 24^2 = 22 + 62 + 121 + 201 + 242$
$648 := 1^4 + 9^1 + 12^1 + 17^0 + 25^2 = 14 + 91 + 121 + 170 + 252$	$648 := 2^2 + 6^2 + 13^1 + 19^1 + 24^2 = 22 + 62 + 131 + 191 + 242$
$648 := 1^5 + 2^0 + 16^0 + 20^1 + 25^2 = 15 + 20 + 160 + 201 + 252$	$648 := 2^2 + 6^2 + 14^1 + 18^1 + 24^2 = 22 + 62 + 141 + 181 + 242$
$648 := 1^5 + 3^0 + 15^0 + 20^1 + 25^2 = 15 + 30 + 150 + 201 + 252$	$648 := 2^2 + 6^2 + 15^1 + 17^1 + 24^2 = 22 + 62 + 151 + 171 + 242$
$648 := 1^5 + 4^0 + 14^0 + 20^1 + 25^2 = 15 + 40 + 140 + 201 + 252$	$648 := 2^2 + 6^2 + 16^1 + 16^1 + 24^2 = 22 + 62 + 161 + 161 + 242$
$648 := 1^5 + 5^0 + 13^0 + 20^1 + 25^2 = 15 + 50 + 130 + 201 + 252$	$648 := 2^2 + 6^2 + 7^1 + 24^2 + 25^1 = 22 + 62 + 71 + 242 + 251$
$648 := 1^5 + 6^0 + 12^0 + 20^1 + 25^2 = 15 + 60 + 120 + 201 + 252$	$648 := 2^2 + 6^2 + 8^1 + 24^1 + 24^2 = 22 + 62 + 81 + 241 + 242$
$648 := 1^5 + 7^0 + 11^0 + 20^1 + 25^2 = 15 + 70 + 110 + 201 + 252$	$648 := 2^2 + 6^2 + 9^1 + 23^1 + 24^2 = 22 + 62 + 91 + 231 + 242$
$648 := 1^5 + 8^0 + 10^0 + 20^1 + 25^2 = 15 + 80 + 100 + 201 + 252$	$648 := 2^2 + 6^3 + 9^0 + 20^2 + 27^1 = 22 + 63 + 90 + 202 + 271$
$648 := 1^5 + 9^0 + 9^0 + 20^1 + 25^2 = 15 + 90 + 90 + 201 + 252$	$648 := 2^2 + 7^1 + 16^2 + 19^2 + 20^1 = 22 + 71 + 162 + 192 + 201$
$648 := 1^6 + 1^9 + 16^0 + 20^1 + 25^2 = 16 + 19 + 160 + 201 + 252$	$648 := 2^2 + 7^3 + 11^1 + 17^2 + 27^0 = 22 + 73 + 111 + 172 + 270$
$648 := 1^7 + 1^8 + 16^0 + 20^1 + 25^2 = 17 + 18 + 160 + 201 + 252$	$648 := 2^2 + 8^1 + 16^2 + 19^1 + 19^2 = 22 + 81 + 162 + 191 + 192$
$648 := 10^1 + 11^1 + 13^2 + 13^2 + 17^2 = 101 + 111 + 132 + 132 + 172$	$648 := 2^2 + 9^1 + 16^2 + 18^1 + 19^2 = 22 + 91 + 162 + 181 + 192$
$648 := 10^1 + 11^2 + 12^1 + 12^2 + 19^2 = 101 + 112 + 121 + 122 + 192$	$648 := 2^2 + 9^2 + 11^2 + 21^0 + 21^2 = 22 + 92 + 112 + 210 + 212$
$648 := 11^1 + 11^1 + 11^2 + 12^2 + 19^2 = 111 + 111 + 112 + 122 + 192$	$648 := 2^3 + 10^1 + 10^2 + 19^0 + 23^2 = 23 + 101 + 102 + 190 + 232$
$648 := 2^1 + 11^2 + 12^2 + 19^2 + 20^1 = 21 + 112 + 122 + 192 + 201$	$648 := 2^3 + 11^1 + 12^2 + 17^0 + 22^2 = 23 + 111 + 122 + 170 + 222$
$648 := 2^1 + 13^2 + 13^2 + 17^2 + 19^1 = 21 + 132 + 132 + 172 + 191$	$648 := 2^3 + 13^0 + 14^1 + 15^2 + 20^2 = 23 + 130 + 141 + 152 + 202$
$648 := 2^1 + 2^2 + 16^2 + 19^2 + 25^1 = 21 + 22 + 162 + 192 + 251$	$648 := 2^3 + 5^0 + 16^2 + 19^2 + 22^1 = 23 + 50 + 162 + 192 + 221$
$648 := 2^1 + 2^3 + 14^2 + 21^2 + 25^0 = 21 + 23 + 142 + 212 + 250$	$648 := 2^3 + 5^0 + 6^2 + 24^2 + 27^1 = 23 + 50 + 62 + 242 + 271$
$648 := 2^1 + 3^2 + 17^2 + 18^2 + 24^1 = 21 + 32 + 172 + 182 + 241$	$648 := 2^3 + 5^4 + 13^1 + 17^0 + 27^0 = 23 + 54 + 131 + 170 + 270$
$648 := 2^1 + 3^2 + 9^2 + 23^2 + 27^1 = 21 + 32 + 92 + 232 + 271$	$648 := 2^3 + 5^4 + 13^1 + 18^0 + 26^0 = 23 + 54 + 131 + 180 + 260$

$648 := 2^3 + 5^4 + 13^1 + 19^0 + 25^0 = 23 + 54 + 131 + 190 + 250$	$648 := 3^2 + 5^3 + 8^3 + 22^0 + 26^0 = 32 + 53 + 83 + 220 + 260$
$648 := 2^3 + 5^4 + 13^1 + 20^0 + 24^0 = 23 + 54 + 131 + 200 + 240$	$648 := 3^2 + 5^3 + 8^3 + 23^0 + 25^0 = 32 + 53 + 83 + 230 + 250$
$648 := 2^3 + 5^4 + 13^1 + 21^0 + 23^0 = 23 + 54 + 131 + 210 + 230$	$648 := 3^2 + 5^3 + 8^3 + 24^0 + 24^0 = 32 + 53 + 83 + 240 + 240$
$648 := 2^3 + 5^4 + 13^1 + 22^0 + 22^0 = 23 + 54 + 131 + 220 + 220$	$648 := 3^2 + 6^1 + 17^2 + 18^2 + 20^1 = 32 + 61 + 172 + 182 + 201$
$648 := 2^3 + 7^2 + 14^1 + 17^0 + 24^2 = 23 + 72 + 141 + 170 + 242$	$648 := 3^2 + 6^1 + 9^2 + 23^1 + 23^2 = 32 + 61 + 92 + 231 + 232$
$648 := 3^0 + 3^3 + 14^2 + 20^2 + 24^1 = 30 + 33 + 142 + 202 + 241$	$648 := 3^2 + 6^3 + 13^0 + 20^2 + 22^1 = 32 + 63 + 130 + 202 + 221$
$648 := 3^0 + 3^3 + 8^2 + 23^2 + 27^1 = 30 + 33 + 82 + 232 + 271$	$648 := 3^2 + 7^1 + 17^2 + 18^2 + 19^1 = 32 + 71 + 172 + 182 + 191$
$648 := 3^0 + 3^4 + 9^2 + 22^2 + 27^0 = 30 + 34 + 92 + 222 + 270$	$648 := 3^2 + 7^1 + 9^2 + 22^1 + 23^2 = 32 + 71 + 92 + 221 + 232$
$648 := 3^1 + 11^2 + 12^2 + 19^1 + 19^2 = 31 + 112 + 122 + 191 + 192$	$648 := 3^2 + 8^1 + 17^2 + 18^1 + 18^2 = 32 + 81 + 172 + 181 + 182$
$648 := 3^1 + 13^2 + 13^2 + 17^2 + 18^1 = 31 + 132 + 132 + 172 + 181$	$648 := 3^2 + 8^1 + 9^2 + 21^1 + 23^2 = 32 + 81 + 92 + 211 + 232$
$648 := 3^1 + 3^2 + 17^2 + 18^2 + 23^1 = 31 + 32 + 172 + 182 + 231$	$648 := 3^2 + 8^3 + 10^2 + 17^0 + 26^1 = 32 + 83 + 102 + 170 + 261$
$648 := 3^1 + 3^2 + 9^2 + 23^2 + 26^1 = 31 + 32 + 92 + 232 + 261$	$648 := 3^2 + 9^1 + 17^1 + 17^2 + 18^2 = 32 + 91 + 171 + 172 + 182$
$648 := 3^1 + 3^3 + 16^2 + 19^2 + 23^0 = 31 + 33 + 162 + 192 + 230$	$648 := 3^2 + 9^1 + 9^2 + 20^1 + 23^2 = 32 + 91 + 92 + 201 + 232$
$648 := 3^1 + 3^5 + 11^0 + 20^2 + 27^0 = 31 + 35 + 110 + 202 + 270$	$648 := 3^2 + 9^2 + 10^1 + 19^1 + 23^2 = 32 + 92 + 101 + 191 + 232$
$648 := 3^1 + 3^5 + 12^0 + 20^2 + 26^0 = 31 + 35 + 120 + 202 + 260$	$648 := 3^2 + 9^2 + 11^1 + 18^1 + 23^2 = 32 + 92 + 111 + 181 + 232$
$648 := 3^1 + 3^5 + 13^0 + 20^2 + 25^0 = 31 + 35 + 130 + 202 + 250$	$648 := 3^2 + 9^2 + 12^1 + 17^1 + 23^2 = 32 + 92 + 121 + 171 + 232$
$648 := 3^1 + 3^5 + 14^0 + 20^2 + 24^0 = 31 + 35 + 140 + 202 + 240$	$648 := 3^2 + 9^2 + 13^1 + 16^1 + 23^2 = 32 + 92 + 131 + 161 + 232$
$648 := 3^1 + 3^5 + 15^0 + 20^2 + 23^0 = 31 + 35 + 150 + 202 + 230$	$648 := 3^2 + 9^2 + 14^1 + 15^1 + 23^2 = 32 + 92 + 141 + 151 + 232$
$648 := 3^1 + 3^5 + 16^0 + 20^2 + 22^0 = 31 + 35 + 160 + 202 + 220$	$648 := 3^2 + 9^2 + 14^2 + 19^0 + 19^2 = 32 + 92 + 142 + 190 + 192$
$648 := 3^1 + 3^5 + 17^0 + 20^2 + 21^0 = 31 + 35 + 170 + 202 + 210$	$648 := 3^3 + 10^1 + 13^2 + 17^0 + 21^2 = 33 + 101 + 132 + 170 + 212$
$648 := 3^1 + 3^5 + 18^0 + 20^0 + 20^2 = 31 + 35 + 180 + 200 + 202$	$648 := 3^3 + 11^2 + 13^0 + 15^1 + 22^2 = 33 + 112 + 130 + 151 + 222$
$648 := 3^1 + 3^5 + 19^0 + 19^0 + 20^2 = 31 + 35 + 190 + 190 + 202$	$648 := 3^3 + 5^2 + 13^0 + 19^1 + 24^2 = 33 + 52 + 130 + 191 + 242$
$648 := 3^1 + 4^2 + 11^2 + 22^2 + 24^1 = 31 + 42 + 112 + 222 + 241$	$648 := 3^3 + 6^2 + 8^1 + 23^0 + 24^2 = 33 + 62 + 81 + 230 + 242$
$648 := 3^1 + 4^3 + 16^2 + 18^2 + 23^0 = 31 + 43 + 162 + 182 + 230$	$648 := 3^3 + 7^1 + 17^2 + 18^2 + 19^0 = 33 + 71 + 172 + 182 + 190$
$648 := 3^1 + 4^4 + 11^0 + 19^2 + 27^1 = 31 + 44 + 110 + 192 + 271$	$648 := 3^3 + 9^2 + 10^1 + 19^0 + 23^2 = 33 + 92 + 101 + 190 + 232$
$648 := 3^1 + 9^2 + 12^2 + 20^1 + 20^2 = 31 + 92 + 122 + 201 + 202$	$648 := 3^4 + 4^0 + 9^2 + 22^2 + 26^0 = 34 + 40 + 92 + 222 + 260$
$648 := 3^1 + 9^2 + 16^2 + 17^2 + 19^1 = 31 + 92 + 162 + 172 + 191$	$648 := 3^4 + 5^0 + 6^2 + 23^2 + 27^0 = 34 + 50 + 62 + 232 + 270$
$648 := 3^2 + 10^1 + 16^1 + 17^2 + 18^2 = 32 + 101 + 161 + 172 + 182$	$648 := 3^4 + 5^0 + 9^2 + 22^2 + 25^0 = 34 + 50 + 92 + 222 + 250$
$648 := 3^2 + 11^1 + 15^1 + 17^2 + 18^2 = 32 + 111 + 151 + 172 + 182$	$648 := 3^4 + 6^0 + 6^2 + 23^2 + 26^0 = 34 + 60 + 62 + 232 + 260$
$648 := 3^2 + 12^1 + 14^1 + 17^2 + 18^2 = 32 + 121 + 141 + 172 + 182$	$648 := 3^4 + 6^0 + 9^2 + 22^2 + 24^0 = 34 + 60 + 92 + 222 + 240$
$648 := 3^2 + 13^1 + 13^1 + 17^2 + 18^2 = 32 + 131 + 131 + 172 + 182$	$648 := 3^4 + 6^2 + 10^0 + 22^0 + 23^2 = 34 + 62 + 100 + 220 + 232$
$648 := 3^2 + 3^2 + 10^2 + 23^2 + 25^0 = 32 + 32 + 102 + 232 + 250$	$648 := 3^4 + 6^2 + 11^0 + 21^0 + 23^2 = 34 + 62 + 110 + 210 + 232$
$648 := 3^2 + 4^1 + 17^2 + 18^2 + 22^1 = 32 + 41 + 172 + 182 + 221$	$648 := 3^4 + 6^2 + 12^0 + 20^0 + 23^2 = 34 + 62 + 120 + 200 + 232$
$648 := 3^2 + 4^1 + 9^2 + 23^2 + 25^1 = 32 + 41 + 92 + 232 + 251$	$648 := 3^4 + 6^2 + 13^0 + 19^0 + 23^2 = 34 + 62 + 130 + 190 + 232$
$648 := 3^2 + 5^1 + 17^2 + 18^2 + 21^1 = 32 + 51 + 172 + 182 + 211$	$648 := 3^4 + 6^2 + 14^0 + 18^0 + 23^2 = 34 + 62 + 140 + 180 + 232$
$648 := 3^2 + 5^1 + 9^2 + 23^2 + 24^1 = 32 + 51 + 92 + 232 + 241$	$648 := 3^4 + 6^2 + 15^0 + 17^0 + 23^2 = 34 + 62 + 150 + 170 + 232$
$648 := 3^2 + 5^2 + 17^2 + 18^2 + 21^0 = 32 + 52 + 172 + 182 + 210$	$648 := 3^4 + 6^2 + 16^0 + 16^0 + 23^2 = 34 + 62 + 160 + 160 + 232$
$648 := 3^2 + 5^3 + 8^3 + 21^0 + 27^0 = 32 + 53 + 83 + 210 + 270$	$648 := 3^4 + 6^2 + 7^0 + 23^2 + 25^0 = 34 + 62 + 70 + 232 + 250$

$$\begin{aligned} 648 &:= 3^4 + 6^2 + 8^0 + 23^2 + 24^0 = 34 + 62 + 80 + 232 + 240 & 648 &:= 4^2 + 8^1 + 11^2 + 19^1 + 22^2 = 42 + 81 + 112 + 191 + 222 \\ 648 &:= 3^4 + 6^2 + 9^0 + 23^0 + 23^2 = 34 + 62 + 90 + 230 + 232 & 648 &:= 4^2 + 8^3 + 10^2 + 19^1 + 23^0 = 42 + 83 + 102 + 191 + 230 \\ 648 &:= 3^4 + 7^0 + 9^2 + 22^2 + 23^0 = 34 + 70 + 92 + 222 + 230 & 648 &:= 4^2 + 9^1 + 11^2 + 18^1 + 22^2 = 42 + 91 + 112 + 181 + 222 \\ 648 &:= 3^4 + 8^0 + 9^2 + 22^0 + 22^2 = 34 + 80 + 92 + 220 + 222 & 648 &:= 4^3 + 13^0 + 13^2 + 14^1 + 20^2 = 43 + 130 + 132 + 141 + 202 \\ 648 &:= 3^4 + 9^0 + 9^2 + 21^0 + 22^2 = 34 + 90 + 92 + 210 + 222 & 648 &:= 4^3 + 5^1 + 17^2 + 17^2 + 21^0 = 43 + 51 + 172 + 172 + 210 \\ 648 &:= 3^4 + 9^2 + 10^0 + 20^0 + 22^2 = 34 + 92 + 100 + 200 + 222 & 648 &:= 4^3 + 5^1 + 7^2 + 23^2 + 25^0 = 43 + 51 + 72 + 232 + 250 \\ 648 &:= 3^4 + 9^2 + 11^0 + 19^0 + 22^2 = 34 + 92 + 110 + 190 + 222 & 648 &:= 4^3 + 6^2 + 13^0 + 18^1 + 23^2 = 43 + 62 + 130 + 181 + 232 \\ 648 &:= 3^4 + 9^2 + 12^0 + 18^0 + 22^2 = 34 + 92 + 120 + 180 + 222 & 648 &:= 4^3 + 7^0 + 11^2 + 21^1 + 21^2 = 43 + 70 + 112 + 211 + 212 \\ 648 &:= 3^4 + 9^2 + 13^0 + 17^0 + 22^2 = 34 + 92 + 130 + 170 + 222 & 648 &:= 4^3 + 9^2 + 11^0 + 18^1 + 22^2 = 43 + 92 + 110 + 181 + 222 \\ 648 &:= 3^4 + 9^2 + 14^0 + 16^0 + 22^2 = 34 + 92 + 140 + 160 + 222 & 648 &:= 4^4 + 10^1 + 11^0 + 19^2 + 20^1 = 44 + 101 + 110 + 192 + 201 \\ 648 &:= 3^4 + 9^2 + 15^0 + 15^0 + 22^2 = 34 + 92 + 150 + 150 + 222 & 648 &:= 4^4 + 11^0 + 11^1 + 19^1 + 19^2 = 44 + 110 + 111 + 191 + 192 \\ 648 &:= 4^1 + 11^2 + 12^2 + 18^1 + 19^2 = 41 + 112 + 122 + 181 + 192 & 648 &:= 4^4 + 11^0 + 12^1 + 18^1 + 19^2 = 44 + 110 + 121 + 181 + 192 \\ 648 &:= 4^1 + 13^2 + 13^2 + 17^1 + 17^2 = 41 + 132 + 132 + 171 + 172 & 648 &:= 4^4 + 11^0 + 13^1 + 17^1 + 19^2 = 44 + 110 + 131 + 171 + 192 \\ 648 &:= 4^1 + 4^2 + 11^2 + 22^2 + 23^1 = 41 + 42 + 112 + 222 + 231 & 648 &:= 4^4 + 11^0 + 14^1 + 16^1 + 19^2 = 44 + 110 + 141 + 161 + 192 \\ 648 &:= 4^1 + 4^2 + 5^2 + 24^2 + 27^1 = 41 + 42 + 52 + 242 + 271 & 648 &:= 4^4 + 11^0 + 15^1 + 15^1 + 19^2 = 44 + 110 + 151 + 151 + 192 \\ 648 &:= 4^1 + 4^4 + 11^0 + 19^2 + 26^1 = 41 + 44 + 110 + 192 + 261 & 648 &:= 4^4 + 5^1 + 11^0 + 19^2 + 25^1 = 44 + 51 + 110 + 192 + 251 \\ 648 &:= 4^1 + 9^2 + 12^2 + 19^1 + 20^2 = 41 + 92 + 122 + 191 + 202 & 648 &:= 4^4 + 6^1 + 11^0 + 19^2 + 24^1 = 44 + 61 + 110 + 192 + 241 \\ 648 &:= 4^1 + 9^2 + 16^2 + 17^2 + 18^1 = 41 + 92 + 162 + 172 + 181 & 648 &:= 4^4 + 7^1 + 11^0 + 19^2 + 23^1 = 44 + 71 + 110 + 192 + 231 \\ 648 &:= 4^2 + 10^1 + 11^2 + 17^1 + 22^2 = 42 + 101 + 112 + 171 + 222 & 648 &:= 4^4 + 8^1 + 11^0 + 19^2 + 22^1 = 44 + 81 + 110 + 192 + 221 \\ 648 &:= 4^2 + 11^1 + 11^2 + 16^1 + 22^2 = 42 + 111 + 112 + 161 + 222 & 648 &:= 4^4 + 9^1 + 11^0 + 19^2 + 21^1 = 44 + 91 + 110 + 192 + 211 \\ 648 &:= 4^2 + 11^2 + 12^1 + 15^1 + 22^2 = 42 + 112 + 121 + 151 + 222 & 648 &:= 5^0 + 6^3 + 9^2 + 18^2 + 26^1 = 50 + 63 + 92 + 182 + 261 \\ 648 &:= 4^2 + 11^2 + 13^1 + 14^1 + 22^2 = 42 + 112 + 131 + 141 + 222 & 648 &:= 5^1 + 11^2 + 12^2 + 17^1 + 19^2 = 51 + 112 + 122 + 171 + 192 \\ 648 &:= 4^2 + 5^1 + 11^2 + 22^1 + 22^2 = 42 + 51 + 112 + 221 + 222 & 648 &:= 5^1 + 13^2 + 13^2 + 16^1 + 17^2 = 51 + 132 + 132 + 161 + 172 \\ 648 &:= 4^2 + 5^1 + 5^2 + 24^2 + 26^1 = 42 + 51 + 52 + 242 + 261 & 648 &:= 5^1 + 9^2 + 12^2 + 18^1 + 20^2 = 51 + 92 + 122 + 181 + 202 \\ 648 &:= 4^2 + 5^2 + 10^1 + 21^1 + 24^2 = 42 + 52 + 101 + 211 + 242 & 648 &:= 5^1 + 9^2 + 16^2 + 17^1 + 17^2 = 51 + 92 + 162 + 171 + 172 \\ 648 &:= 4^2 + 5^2 + 11^1 + 20^1 + 24^2 = 42 + 52 + 111 + 201 + 242 & 648 &:= 5^2 + 5^3 + 13^1 + 19^0 + 22^2 = 52 + 53 + 131 + 190 + 222 \\ 648 &:= 4^2 + 5^2 + 12^1 + 19^1 + 24^2 = 42 + 52 + 121 + 191 + 242 & 648 &:= 5^2 + 6^1 + 6^3 + 20^2 + 27^0 = 52 + 61 + 63 + 202 + 270 \\ 648 &:= 4^2 + 5^2 + 13^1 + 18^1 + 24^2 = 42 + 52 + 131 + 181 + 242 & 648 &:= 5^2 + 6^2 + 15^2 + 19^0 + 19^2 = 52 + 62 + 152 + 190 + 192 \\ 648 &:= 4^2 + 5^2 + 14^1 + 17^1 + 24^2 = 42 + 52 + 141 + 171 + 242 & 648 &:= 5^2 + 7^3 + 13^0 + 16^2 + 23^1 = 52 + 73 + 130 + 162 + 231 \\ 648 &:= 4^2 + 5^2 + 15^1 + 16^1 + 24^2 = 42 + 52 + 151 + 161 + 242 & 648 &:= 5^2 + 9^2 + 10^2 + 19^0 + 21^2 = 52 + 92 + 102 + 190 + 212 \\ 648 &:= 4^2 + 5^2 + 6^1 + 24^2 + 25^1 = 42 + 52 + 61 + 242 + 251 & 648 &:= 5^3 + 10^1 + 16^2 + 16^2 + 17^0 = 53 + 101 + 162 + 162 + 170 \\ 648 &:= 4^2 + 5^2 + 7^1 + 24^1 + 24^2 = 42 + 52 + 71 + 241 + 242 & 648 &:= 5^3 + 11^0 + 12^2 + 17^1 + 19^2 = 53 + 110 + 122 + 171 + 192 \\ 648 &:= 4^2 + 5^2 + 8^1 + 23^1 + 24^2 = 42 + 52 + 81 + 231 + 242 & 648 &:= 5^3 + 7^0 + 10^2 + 20^2 + 22^1 = 53 + 70 + 102 + 202 + 221 \\ 648 &:= 4^2 + 5^2 + 9^1 + 22^1 + 24^2 = 42 + 52 + 91 + 221 + 242 & 648 &:= 5^3 + 8^1 + 15^2 + 17^2 + 19^0 = 53 + 81 + 152 + 172 + 190 \\ 648 &:= 4^2 + 5^3 + 11^0 + 22^1 + 22^2 = 42 + 53 + 110 + 221 + 222 & 648 &:= 5^3 + 8^2 + 13^0 + 17^1 + 21^2 = 53 + 82 + 130 + 171 + 212 \\ 648 &:= 4^2 + 6^1 + 11^2 + 21^1 + 22^2 = 42 + 61 + 112 + 211 + 222 & 648 &:= 6^1 + 11^2 + 12^2 + 16^1 + 19^2 = 61 + 112 + 122 + 161 + 192 \\ 648 &:= 4^2 + 6^3 + 15^1 + 19^0 + 20^2 = 42 + 63 + 151 + 190 + 202 & 648 &:= 6^1 + 13^2 + 13^2 + 15^1 + 17^2 = 61 + 132 + 132 + 151 + 172 \\ 648 &:= 4^2 + 7^1 + 11^2 + 20^1 + 22^2 = 42 + 71 + 112 + 201 + 222 & 648 &:= 6^1 + 6^3 + 13^2 + 16^2 + 23^0 = 61 + 63 + 132 + 162 + 230 \end{aligned}$$

$648 := 6^1 + 6^3 + 8^2 + 19^2 + 25^0 = 61 + 63 + 82 + 192 + 250$	$648 := 7^3 + 12^2 + 12^2 + 16^1 + 17^0 = 73 + 122 + 122 + 161 + 170$
$648 := 6^1 + 9^2 + 12^2 + 17^1 + 20^2 = 61 + 92 + 122 + 171 + 202$	$648 := 7^3 + 8^1 + 10^2 + 14^2 + 25^0 = 73 + 81 + 102 + 142 + 250$
$648 := 6^1 + 9^2 + 16^1 + 16^2 + 17^2 = 61 + 92 + 161 + 162 + 172$	$648 := 7^3 + 8^2 + 15^1 + 15^2 + 19^0 = 73 + 82 + 151 + 152 + 190$
$648 := 6^2 + 7^2 + 11^2 + 19^0 + 21^2 = 62 + 72 + 112 + 190 + 212$	$648 := 8^1 + 11^2 + 12^2 + 14^1 + 19^2 = 81 + 112 + 122 + 141 + 192$
$648 := 6^2 + 7^3 + 12^1 + 16^2 + 23^0 = 62 + 73 + 121 + 162 + 230$	$648 := 8^1 + 13^1 + 13^2 + 13^2 + 17^2 = 81 + 131 + 132 + 132 + 172$
$648 := 6^2 + 8^3 + 9^2 + 18^1 + 23^0 = 62 + 83 + 92 + 181 + 230$	$648 := 8^1 + 9^2 + 12^2 + 15^1 + 20^2 = 81 + 92 + 122 + 151 + 202$
$648 := 6^2 + 9^2 + 13^2 + 17^0 + 19^2 = 62 + 92 + 132 + 170 + 192$	$648 := 8^1 + 9^2 + 14^1 + 16^2 + 17^2 = 81 + 92 + 141 + 162 + 172$
$648 := 6^3 + 10^1 + 14^2 + 15^2 + 19^0 = 63 + 101 + 142 + 152 + 190$	$648 := 9^1 + 11^2 + 12^2 + 13^1 + 19^2 = 91 + 112 + 122 + 131 + 192$
$648 := 6^3 + 7^1 + 10^2 + 18^2 + 23^0 = 63 + 71 + 102 + 182 + 230$	$648 := 9^1 + 12^1 + 13^2 + 13^2 + 17^2 = 91 + 121 + 132 + 132 + 172$
$648 := 6^3 + 7^2 + 11^0 + 19^2 + 21^1 = 63 + 72 + 110 + 192 + 211$	$648 := 9^1 + 9^2 + 12^2 + 14^1 + 20^2 = 91 + 92 + 122 + 141 + 202$
$648 := 6^3 + 9^0 + 11^2 + 17^2 + 21^1 = 63 + 90 + 112 + 172 + 211$	$648 := 9^1 + 9^2 + 13^1 + 16^2 + 17^2 = 91 + 92 + 131 + 162 + 172$
$648 := 7^0 + 7^3 + 9^2 + 14^2 + 27^1 = 70 + 73 + 92 + 142 + 271$	$648 := 9^2 + 10^1 + 12^1 + 16^2 + 17^2 = 92 + 101 + 121 + 162 + 172$
$648 := 7^1 + 11^2 + 12^2 + 15^1 + 19^2 = 71 + 112 + 122 + 151 + 192$	$648 := 9^2 + 10^1 + 12^2 + 13^1 + 20^2 = 92 + 101 + 122 + 131 + 202$
$648 := 7^1 + 13^2 + 13^2 + 14^1 + 17^2 = 71 + 132 + 132 + 141 + 172$	$648 := 9^2 + 11^1 + 11^1 + 16^2 + 17^2 = 92 + 111 + 111 + 162 + 172$
$648 := 7^1 + 9^2 + 12^2 + 16^1 + 20^2 = 71 + 92 + 122 + 161 + 202$	$648 := 9^2 + 11^1 + 12^1 + 12^2 + 20^2 = 92 + 111 + 121 + 122 + 202$
$648 := 7^1 + 9^2 + 15^1 + 16^2 + 17^2 = 71 + 92 + 151 + 162 + 172$	$648 := 9^2 + 11^2 + 11^2 + 15^0 + 18^2 = 92 + 112 + 112 + 150 + 182$
$648 := 7^2 + 7^2 + 15^2 + 17^0 + 18^2 = 72 + 72 + 152 + 170 + 182$	$648 := 9^2 + 9^2 + 14^2 + 15^0 + 17^2 = 92 + 92 + 142 + 150 + 172$
$648 := 7^2 + 8^2 + 8^3 + 19^0 + 22^1 = 72 + 82 + 83 + 190 + 221$	
$648 := 7^3 + 11^2 + 13^2 + 14^1 + 19^0 = 73 + 112 + 132 + 141 + 190$	

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$649 := 1^4 + 5^4 + 22^1 + 36^0 = 14 + 54 + 221 + 360$	$649 := 1^4 + 10^2 + 12^0 + 18^1 + 23^2 = 14 + 102 + 120 + 181 + 232$
$649 := 1^6 + 16^0 + 22^1 + 25^2 = 16 + 160 + 221 + 252$	$649 := 1^4 + 2^2 + 18^0 + 18^1 + 25^2 = 14 + 22 + 180 + 181 + 252$
$649 := 2^3 + 2^7 + 2^9 + 57^0 = 23 + 27 + 29 + 570$	$649 := 1^4 + 3^2 + 13^1 + 22^0 + 25^2 = 14 + 32 + 131 + 220 + 252$
$649 := 2^4 + 5^4 + 7^1 + 50^0 = 24 + 54 + 71 + 500$	$649 := 1^4 + 5^4 + 10^0 + 21^1 + 27^0 = 14 + 54 + 100 + 211 + 270$
$649 := 2^4 + 7^3 + 17^2 + 38^0 = 24 + 73 + 172 + 380$	$649 := 1^4 + 5^4 + 11^0 + 21^1 + 26^0 = 14 + 54 + 110 + 211 + 260$
$649 := 2^6 + 8^1 + 24^2 + 30^0 = 26 + 81 + 242 + 300$	$649 := 1^4 + 5^4 + 12^0 + 21^1 + 25^0 = 14 + 54 + 120 + 211 + 250$
$649 := 3^5 + 9^2 + 18^2 + 34^0 = 35 + 92 + 182 + 340$	$649 := 1^4 + 5^4 + 13^0 + 21^1 + 24^0 = 14 + 54 + 130 + 211 + 240$
$649 := 4^4 + 7^2 + 7^3 + 46^0 = 44 + 72 + 73 + 460$	$649 := 1^4 + 5^4 + 14^0 + 21^1 + 23^0 = 14 + 54 + 140 + 211 + 230$
$649 := 6^3 + 6^3 + 6^3 + 46^0 = 63 + 63 + 63 + 460$	$649 := 1^4 + 5^4 + 15^0 + 21^1 + 22^0 = 14 + 54 + 150 + 211 + 220$
$649 := 1^0 + 1^6 + 16^0 + 21^1 + 25^2 = 10 + 16 + 160 + 211 + 252$	$649 := 1^4 + 5^4 + 16^0 + 21^0 + 21^1 = 14 + 54 + 160 + 210 + 211$
$649 := 1^1 + 1^5 + 16^0 + 21^1 + 25^2 = 11 + 15 + 160 + 211 + 252$	$649 := 1^4 + 5^4 + 17^0 + 20^0 + 21^1 = 14 + 54 + 170 + 200 + 211$
$649 := 1^2 + 1^4 + 16^0 + 21^1 + 25^2 = 12 + 14 + 160 + 211 + 252$	$649 := 1^4 + 5^4 + 18^0 + 19^0 + 21^1 = 14 + 54 + 180 + 190 + 211$
$649 := 1^3 + 1^3 + 16^0 + 21^1 + 25^2 = 13 + 13 + 160 + 211 + 252$	$649 := 1^4 + 6^0 + 15^2 + 20^2 + 22^1 = 14 + 60 + 152 + 202 + 221$
$649 := 1^3 + 2^3 + 14^1 + 22^0 + 25^2 = 13 + 23 + 141 + 220 + 252$	$649 := 1^4 + 7^1 + 8^2 + 24^0 + 24^2 = 14 + 71 + 82 + 240 + 242$
$649 := 1^3 + 7^3 + 15^1 + 17^2 + 24^0 = 13 + 73 + 151 + 172 + 240$	$649 := 1^4 + 7^2 + 10^0 + 22^1 + 24^2 = 14 + 72 + 100 + 221 + 242$
$649 := 1^4 + 10^0 + 12^2 + 19^1 + 22^2 = 14 + 100 + 122 + 191 + 222$	$649 := 1^5 + 10^1 + 12^1 + 16^0 + 25^2 = 15 + 101 + 121 + 160 + 252$
$649 := 1^4 + 10^1 + 14^2 + 18^0 + 21^2 = 14 + 101 + 142 + 180 + 212$	$649 := 1^5 + 11^1 + 11^1 + 16^0 + 25^2 = 15 + 111 + 111 + 160 + 252$

$$\begin{aligned} 649 &:= 1^5 + 2^1 + 16^0 + 20^1 + 25^2 = 15 + 21 + 160 + 201 + 252 \\ 649 &:= 1^5 + 3^1 + 16^0 + 19^1 + 25^2 = 15 + 31 + 160 + 191 + 252 \\ 649 &:= 1^5 + 4^1 + 16^0 + 18^1 + 25^2 = 15 + 41 + 160 + 181 + 252 \\ 649 &:= 1^5 + 5^1 + 16^0 + 17^1 + 25^2 = 15 + 51 + 160 + 171 + 252 \\ 649 &:= 1^5 + 6^1 + 16^0 + 16^1 + 25^2 = 15 + 61 + 160 + 161 + 252 \\ 649 &:= 1^5 + 7^1 + 15^1 + 16^0 + 25^2 = 15 + 71 + 151 + 160 + 252 \\ 649 &:= 1^5 + 8^1 + 14^1 + 16^0 + 25^2 = 15 + 81 + 141 + 160 + 252 \\ 649 &:= 1^5 + 9^1 + 13^1 + 16^0 + 25^2 = 15 + 91 + 131 + 160 + 252 \\ 649 &:= 1^6 + 2^0 + 15^0 + 21^1 + 25^2 = 16 + 20 + 150 + 211 + 252 \\ 649 &:= 1^6 + 3^0 + 14^0 + 21^1 + 25^2 = 16 + 30 + 140 + 211 + 252 \\ 649 &:= 1^6 + 4^0 + 13^0 + 21^1 + 25^2 = 16 + 40 + 130 + 211 + 252 \\ 649 &:= 1^6 + 5^0 + 12^0 + 21^1 + 25^2 = 16 + 50 + 120 + 211 + 252 \\ 649 &:= 1^6 + 6^0 + 11^0 + 21^1 + 25^2 = 16 + 60 + 110 + 211 + 252 \\ 649 &:= 1^6 + 7^0 + 10^0 + 21^1 + 25^2 = 16 + 70 + 100 + 211 + 252 \\ 649 &:= 1^6 + 8^0 + 9^0 + 21^1 + 25^2 = 16 + 80 + 90 + 211 + 252 \\ 649 &:= 1^7 + 1^9 + 15^0 + 21^1 + 25^2 = 17 + 19 + 150 + 211 + 252 \\ 649 &:= 1^8 + 1^8 + 15^0 + 21^1 + 25^2 = 18 + 18 + 150 + 211 + 252 \\ 649 &:= 1^8 + 2^6 + 14^2 + 19^2 + 27^1 = 18 + 26 + 142 + 192 + 271 \\ 649 &:= 2^0 + 2^4 + 11^2 + 22^2 + 27^1 = 20 + 24 + 112 + 222 + 271 \\ 649 &:= 2^2 + 3^3 + 16^2 + 19^2 + 24^0 = 22 + 33 + 162 + 192 + 240 \\ 649 &:= 2^2 + 3^5 + 12^0 + 20^2 + 27^0 = 22 + 35 + 120 + 202 + 270 \\ 649 &:= 2^2 + 3^5 + 13^0 + 20^2 + 26^0 = 22 + 35 + 130 + 202 + 260 \\ 649 &:= 2^2 + 3^5 + 14^0 + 20^2 + 25^0 = 22 + 35 + 140 + 202 + 250 \\ 649 &:= 2^2 + 3^5 + 15^0 + 20^2 + 24^0 = 22 + 35 + 150 + 202 + 240 \\ 649 &:= 2^2 + 3^5 + 16^0 + 20^2 + 23^0 = 22 + 35 + 160 + 202 + 230 \\ 649 &:= 2^2 + 3^5 + 17^0 + 20^2 + 22^0 = 22 + 35 + 170 + 202 + 220 \\ 649 &:= 2^2 + 3^5 + 18^0 + 20^2 + 21^0 = 22 + 35 + 180 + 202 + 210 \\ 649 &:= 2^2 + 3^5 + 19^0 + 20^0 + 20^2 = 22 + 35 + 190 + 200 + 202 \\ 649 &:= 2^2 + 4^3 + 16^2 + 18^2 + 24^0 = 22 + 43 + 162 + 182 + 240 \\ 649 &:= 2^2 + 4^4 + 12^0 + 19^2 + 27^1 = 22 + 44 + 120 + 192 + 271 \\ 649 &:= 2^3 + 6^3 + 12^0 + 20^2 + 24^1 = 23 + 63 + 120 + 202 + 241 \\ 649 &:= 2^4 + 12^0 + 15^1 + 16^2 + 19^2 = 24 + 120 + 151 + 162 + 192 \\ 649 &:= 2^4 + 3^1 + 10^2 + 23^2 + 26^0 = 24 + 31 + 102 + 232 + 260 \\ 649 &:= 2^4 + 4^1 + 12^2 + 22^2 + 24^0 = 24 + 41 + 122 + 222 + 240 \\ 649 &:= 2^4 + 5^4 + 6^1 + 24^0 + 27^0 = 24 + 54 + 61 + 240 + 270 \\ 649 &:= 2^4 + 5^4 + 6^1 + 25^0 + 26^0 = 24 + 54 + 61 + 250 + 260 \\ 649 &:= 2^4 + 6^0 + 13^2 + 21^2 + 22^1 = 24 + 60 + 132 + 212 + 221 \\ 649 &:= 2^4 + 6^2 + 12^0 + 20^1 + 24^2 = 24 + 62 + 120 + 201 + 242 \end{aligned}$$

$$\begin{aligned} 649 &:= 2^4 + 7^1 + 15^2 + 20^0 + 20^2 = 24 + 71 + 152 + 200 + 202 \\ 649 &:= 2^4 + 7^1 + 7^2 + 24^0 + 24^2 = 24 + 71 + 72 + 240 + 242 \\ 649 &:= 2^4 + 8^0 + 17^2 + 18^2 + 19^1 = 24 + 80 + 172 + 182 + 191 \\ 649 &:= 2^4 + 8^0 + 9^2 + 22^1 + 23^2 = 24 + 80 + 92 + 221 + 232 \\ 649 &:= 2^6 + 4^0 + 7^1 + 24^2 + 27^0 = 26 + 40 + 71 + 242 + 270 \\ 649 &:= 2^6 + 5^0 + 7^1 + 24^2 + 26^0 = 26 + 50 + 71 + 242 + 260 \\ 649 &:= 2^6 + 6^0 + 7^1 + 24^2 + 25^0 = 26 + 60 + 71 + 242 + 250 \\ 649 &:= 2^6 + 7^0 + 7^1 + 24^0 + 24^2 = 26 + 70 + 71 + 240 + 242 \\ 649 &:= 2^6 + 7^1 + 10^0 + 21^0 + 24^2 = 26 + 71 + 100 + 210 + 242 \\ 649 &:= 2^6 + 7^1 + 11^0 + 20^0 + 24^2 = 26 + 71 + 110 + 200 + 242 \\ 649 &:= 2^6 + 7^1 + 12^0 + 19^0 + 24^2 = 26 + 71 + 120 + 190 + 242 \\ 649 &:= 2^6 + 7^1 + 13^0 + 18^0 + 24^2 = 26 + 71 + 130 + 180 + 242 \\ 649 &:= 2^6 + 7^1 + 14^0 + 17^0 + 24^2 = 26 + 71 + 140 + 170 + 242 \\ 649 &:= 2^6 + 7^1 + 15^0 + 16^0 + 24^2 = 26 + 71 + 150 + 160 + 242 \\ 649 &:= 2^6 + 7^1 + 8^0 + 23^0 + 24^2 = 26 + 71 + 80 + 230 + 242 \\ 649 &:= 2^6 + 7^1 + 9^0 + 22^0 + 24^2 = 26 + 71 + 90 + 220 + 242 \\ 649 &:= 3^2 + 4^4 + 16^0 + 19^2 + 22^1 = 32 + 44 + 160 + 192 + 221 \\ 649 &:= 3^2 + 5^3 + 15^2 + 17^2 + 24^0 = 32 + 53 + 152 + 172 + 240 \\ 649 &:= 3^3 + 10^2 + 11^2 + 20^0 + 20^2 = 33 + 102 + 112 + 200 + 202 \\ 649 &:= 3^3 + 13^2 + 14^2 + 16^2 + 18^0 = 33 + 132 + 142 + 162 + 180 \\ 649 &:= 3^3 + 3^3 + 16^0 + 18^1 + 24^2 = 33 + 33 + 160 + 181 + 242 \\ 649 &:= 3^3 + 4^2 + 11^2 + 22^2 + 24^0 = 33 + 42 + 112 + 222 + 240 \\ 649 &:= 3^3 + 5^2 + 14^2 + 20^2 + 22^0 = 33 + 52 + 142 + 202 + 220 \\ 649 &:= 3^3 + 5^3 + 12^1 + 22^0 + 22^2 = 33 + 53 + 121 + 220 + 222 \\ 649 &:= 3^3 + 6^2 + 12^2 + 21^2 + 22^0 = 33 + 62 + 122 + 212 + 220 \\ 649 &:= 3^3 + 7^3 + 16^0 + 16^2 + 22^1 = 33 + 73 + 160 + 162 + 221 \\ 649 &:= 3^3 + 8^2 + 14^2 + 19^2 + 20^0 = 33 + 82 + 142 + 192 + 200 \\ 649 &:= 3^4 + 10^0 + 15^2 + 18^1 + 18^2 = 34 + 100 + 152 + 181 + 182 \\ 649 &:= 3^4 + 10^1 + 14^2 + 18^0 + 19^2 = 34 + 101 + 142 + 180 + 192 \\ 649 &:= 3^4 + 4^0 + 10^2 + 21^2 + 26^1 = 34 + 40 + 102 + 212 + 261 \\ 649 &:= 3^4 + 4^2 + 12^0 + 22^1 + 23^2 = 34 + 42 + 120 + 221 + 232 \\ 649 &:= 3^4 + 5^1 + 11^2 + 21^2 + 24^0 = 34 + 51 + 112 + 212 + 240 \\ 649 &:= 3^4 + 5^2 + 13^1 + 20^0 + 23^2 = 34 + 52 + 131 + 200 + 232 \\ 649 &:= 3^4 + 5^3 + 10^0 + 21^2 + 25^0 = 34 + 53 + 100 + 212 + 250 \\ 649 &:= 3^4 + 5^3 + 11^0 + 21^2 + 24^0 = 34 + 53 + 110 + 212 + 240 \\ 649 &:= 3^4 + 5^3 + 12^0 + 21^2 + 23^0 = 34 + 53 + 120 + 212 + 230 \\ 649 &:= 3^4 + 5^3 + 13^0 + 21^2 + 22^0 = 34 + 53 + 130 + 212 + 220 \\ 649 &:= 3^4 + 5^3 + 14^0 + 21^0 + 21^2 = 34 + 53 + 140 + 210 + 212 \end{aligned}$$

$$\begin{aligned}
 649 &:= 3^4 + 5^3 + 15^0 + 20^0 + 21^2 = 34 + 53 + 150 + 200 + 212 \\
 649 &:= 3^4 + 5^3 + 16^0 + 19^0 + 21^2 = 34 + 53 + 160 + 190 + 212 \\
 649 &:= 3^4 + 5^3 + 17^0 + 18^0 + 21^2 = 34 + 53 + 170 + 180 + 212 \\
 649 &:= 3^4 + 5^3 + 8^0 + 21^2 + 27^0 = 34 + 53 + 80 + 212 + 270 \\
 649 &:= 3^4 + 5^3 + 9^0 + 21^2 + 26^0 = 34 + 53 + 90 + 212 + 260 \\
 649 &:= 3^4 + 6^0 + 12^2 + 20^2 + 23^1 = 34 + 60 + 122 + 202 + 231 \\
 649 &:= 3^4 + 6^0 + 16^2 + 17^2 + 22^1 = 34 + 60 + 162 + 172 + 221 \\
 649 &:= 3^4 + 8^2 + 12^0 + 19^1 + 22^2 = 34 + 82 + 120 + 191 + 222 \\
 649 &:= 4^0 + 4^4 + 7^3 + 22^1 + 27^1 = 40 + 44 + 73 + 221 + 271 \\
 649 &:= 4^0 + 4^4 + 7^3 + 23^1 + 26^1 = 40 + 44 + 73 + 231 + 261 \\
 649 &:= 4^0 + 4^4 + 7^3 + 24^1 + 25^1 = 40 + 44 + 73 + 241 + 251 \\
 649 &:= 4^2 + 4^4 + 15^1 + 19^2 + 22^0 = 42 + 44 + 151 + 192 + 220 \\
 649 &:= 4^3 + 5^3 + 16^0 + 18^1 + 21^2 = 43 + 53 + 160 + 181 + 212 \\
 649 &:= 4^3 + 6^2 + 8^2 + 22^2 + 24^0 = 43 + 62 + 82 + 222 + 240
 \end{aligned}$$

$$\begin{aligned}
 649 &:= 4^3 + 7^2 + 8^3 + 22^0 + 23^1 = 43 + 72 + 83 + 220 + 231 \\
 649 &:= 4^3 + 7^3 + 15^2 + 16^1 + 22^0 = 43 + 73 + 152 + 161 + 220 \\
 649 &:= 4^3 + 8^2 + 14^2 + 18^2 + 20^0 = 43 + 82 + 142 + 182 + 200 \\
 649 &:= 4^4 + 10^0 + 12^2 + 15^2 + 23^1 = 44 + 100 + 122 + 152 + 231 \\
 649 &:= 4^4 + 11^2 + 15^1 + 16^2 + 18^0 = 44 + 112 + 151 + 162 + 180 \\
 649 &:= 4^4 + 6^0 + 13^2 + 14^2 + 27^1 = 44 + 60 + 132 + 142 + 271 \\
 649 &:= 4^4 + 7^2 + 16^0 + 18^2 + 19^1 = 44 + 72 + 160 + 182 + 191 \\
 649 &:= 4^4 + 9^2 + 12^0 + 17^2 + 22^1 = 44 + 92 + 120 + 172 + 221 \\
 649 &:= 5^3 + 6^3 + 17^2 + 18^0 + 18^1 = 53 + 63 + 172 + 180 + 181 \\
 649 &:= 5^3 + 9^2 + 9^2 + 19^2 + 22^0 = 53 + 92 + 92 + 192 + 220 \\
 649 &:= 6^3 + 12^2 + 12^2 + 12^2 + 22^0 = 63 + 122 + 122 + 122 + 220 \\
 649 &:= 6^3 + 6^3 + 14^2 + 18^0 + 20^1 = 63 + 63 + 142 + 180 + 201 \\
 649 &:= 6^3 + 7^3 + 8^2 + 18^0 + 25^1 = 63 + 73 + 82 + 180 + 251
 \end{aligned}$$

2.2.551 Number 650

$$\begin{aligned}
 650 &:= 1^5 + 5^4 + 23^1 + 35^0 = 15 + 54 + 231 + 350 \\
 650 &:= 1^6 + 18^2 + 18^2 + 27^0 = 16 + 182 + 182 + 270 \\
 650 &:= 1^7 + 15^0 + 23^1 + 25^2 = 17 + 150 + 231 + 252 \\
 650 &:= 2^6 + 12^2 + 21^2 + 29^0 = 26 + 122 + 212 + 290 \\
 650 &:= 2^6 + 3^2 + 24^2 + 35^0 = 26 + 32 + 242 + 350 \\
 650 &:= 2^7 + 3^0 + 22^2 + 37^1 = 27 + 30 + 222 + 371 \\
 650 &:= 1^0 + 1^7 + 15^0 + 22^1 + 25^2 = 10 + 17 + 150 + 221 + 252 \\
 650 &:= 1^1 + 1^6 + 15^0 + 22^1 + 25^2 = 11 + 16 + 150 + 221 + 252 \\
 650 &:= 1^2 + 1^5 + 15^0 + 22^1 + 25^2 = 12 + 15 + 150 + 221 + 252 \\
 650 &:= 1^2 + 3^3 + 14^2 + 20^2 + 26^1 = 12 + 33 + 142 + 202 + 261 \\
 650 &:= 1^3 + 1^4 + 15^0 + 22^1 + 25^2 = 13 + 14 + 150 + 221 + 252 \\
 650 &:= 1^3 + 12^2 + 14^2 + 17^2 + 20^1 = 13 + 122 + 142 + 172 + 201 \\
 650 &:= 1^3 + 4^3 + 10^2 + 22^2 + 27^0 = 13 + 43 + 102 + 222 + 270 \\
 650 &:= 1^3 + 7^2 + 17^2 + 17^2 + 22^1 = 13 + 72 + 172 + 172 + 221 \\
 650 &:= 1^3 + 8^2 + 11^2 + 21^2 + 23^1 = 13 + 82 + 112 + 212 + 231 \\
 650 &:= 1^4 + 14^2 + 14^2 + 16^2 + 19^0 = 14 + 142 + 142 + 162 + 190 \\
 650 &:= 1^4 + 2^3 + 15^1 + 21^0 + 25^2 = 14 + 23 + 151 + 210 + 252 \\
 650 &:= 1^4 + 4^3 + 8^1 + 24^2 + 27^0 = 14 + 43 + 81 + 242 + 270 \\
 650 &:= 1^4 + 6^2 + 6^2 + 24^2 + 27^0 = 14 + 62 + 62 + 242 + 270 \\
 650 &:= 1^4 + 7^3 + 16^1 + 17^2 + 23^0 = 14 + 73 + 161 + 172 + 230 \\
 650 &:= 1^4 + 8^2 + 10^2 + 22^2 + 23^0 = 14 + 82 + 102 + 222 + 230
 \end{aligned}$$

$$\begin{aligned}
 650 &:= 1^5 + 10^2 + 11^0 + 19^1 + 23^2 = 15 + 102 + 110 + 191 + 232 \\
 650 &:= 1^5 + 11^1 + 14^2 + 17^0 + 21^2 = 15 + 111 + 142 + 170 + 212 \\
 650 &:= 1^5 + 2^2 + 17^0 + 19^1 + 25^2 = 15 + 22 + 170 + 191 + 252 \\
 650 &:= 1^5 + 3^2 + 14^1 + 21^0 + 25^2 = 15 + 32 + 141 + 210 + 252 \\
 650 &:= 1^5 + 4^2 + 7^1 + 25^2 + 27^0 = 15 + 42 + 71 + 252 + 270 \\
 650 &:= 1^5 + 5^0 + 15^2 + 20^2 + 23^1 = 15 + 50 + 152 + 202 + 231 \\
 650 &:= 1^5 + 5^4 + 10^0 + 22^1 + 26^0 = 15 + 54 + 100 + 221 + 260 \\
 650 &:= 1^5 + 5^4 + 11^0 + 22^1 + 25^0 = 15 + 54 + 110 + 221 + 250 \\
 650 &:= 1^5 + 5^4 + 12^0 + 22^1 + 24^0 = 15 + 54 + 120 + 221 + 240 \\
 650 &:= 1^5 + 5^4 + 13^0 + 22^1 + 23^0 = 15 + 54 + 130 + 221 + 230 \\
 650 &:= 1^5 + 5^4 + 14^0 + 22^0 + 22^1 = 15 + 54 + 140 + 220 + 221 \\
 650 &:= 1^5 + 5^4 + 15^0 + 21^0 + 22^1 = 15 + 54 + 150 + 210 + 221 \\
 650 &:= 1^5 + 5^4 + 16^0 + 20^0 + 22^1 = 15 + 54 + 160 + 200 + 221 \\
 650 &:= 1^5 + 5^4 + 17^0 + 19^0 + 22^1 = 15 + 54 + 170 + 190 + 221 \\
 650 &:= 1^5 + 5^4 + 18^0 + 18^0 + 22^1 = 15 + 54 + 180 + 180 + 221 \\
 650 &:= 1^5 + 5^4 + 9^0 + 22^1 + 27^0 = 15 + 54 + 90 + 221 + 270 \\
 650 &:= 1^5 + 7^2 + 9^0 + 23^1 + 24^2 = 15 + 72 + 90 + 231 + 242 \\
 650 &:= 1^5 + 8^1 + 8^2 + 23^0 + 24^2 = 15 + 81 + 82 + 230 + 242 \\
 650 &:= 1^5 + 9^0 + 12^2 + 20^1 + 22^2 = 15 + 90 + 122 + 201 + 222 \\
 650 &:= 1^6 + 10^1 + 13^1 + 15^0 + 25^2 = 16 + 101 + 131 + 150 + 252 \\
 650 &:= 1^6 + 11^1 + 12^1 + 15^0 + 25^2 = 16 + 111 + 121 + 150 + 252
 \end{aligned}$$

$$\begin{aligned} 650 &:= 1^6 + 2^1 + 15^0 + 21^1 + 25^2 = 16 + 21 + 150 + 211 + 252 \\ 650 &:= 1^6 + 3^1 + 15^0 + 20^1 + 25^2 = 16 + 31 + 150 + 201 + 252 \\ 650 &:= 1^6 + 4^1 + 15^0 + 19^1 + 25^2 = 16 + 41 + 150 + 191 + 252 \\ 650 &:= 1^6 + 5^1 + 15^0 + 18^1 + 25^2 = 16 + 51 + 150 + 181 + 252 \\ 650 &:= 1^6 + 6^1 + 15^0 + 17^1 + 25^2 = 16 + 61 + 150 + 171 + 252 \\ 650 &:= 1^6 + 7^1 + 15^0 + 16^1 + 25^2 = 16 + 71 + 150 + 161 + 252 \\ 650 &:= 1^6 + 8^1 + 15^0 + 15^1 + 25^2 = 16 + 81 + 150 + 151 + 252 \\ 650 &:= 1^6 + 9^1 + 14^1 + 15^0 + 25^2 = 16 + 91 + 141 + 150 + 252 \\ 650 &:= 1^7 + 2^0 + 14^0 + 22^1 + 25^2 = 17 + 20 + 140 + 221 + 252 \\ 650 &:= 1^7 + 3^0 + 13^0 + 22^1 + 25^2 = 17 + 30 + 130 + 221 + 252 \\ 650 &:= 1^7 + 4^0 + 12^0 + 22^1 + 25^2 = 17 + 40 + 120 + 221 + 252 \\ 650 &:= 1^7 + 5^0 + 11^0 + 22^1 + 25^2 = 17 + 50 + 110 + 221 + 252 \\ 650 &:= 1^7 + 6^0 + 10^0 + 22^1 + 25^2 = 17 + 60 + 100 + 221 + 252 \\ 650 &:= 1^7 + 7^0 + 9^0 + 22^1 + 25^2 = 17 + 70 + 90 + 221 + 252 \\ 650 &:= 1^7 + 8^0 + 8^0 + 22^1 + 25^2 = 17 + 80 + 80 + 221 + 252 \\ 650 &:= 1^8 + 1^9 + 14^0 + 22^1 + 25^2 = 18 + 19 + 140 + 221 + 252 \\ 650 &:= 2^1 + 2^4 + 11^2 + 22^2 + 27^1 = 21 + 24 + 112 + 222 + 271 \\ 650 &:= 2^2 + 2^3 + 17^2 + 18^2 + 25^1 = 22 + 23 + 172 + 182 + 251 \\ 650 &:= 2^2 + 2^4 + 10^2 + 23^2 + 27^0 = 22 + 24 + 102 + 232 + 270 \\ 650 &:= 2^2 + 3^4 + 10^1 + 23^2 + 26^1 = 22 + 34 + 101 + 232 + 261 \\ 650 &:= 2^2 + 3^4 + 11^1 + 23^2 + 25^1 = 22 + 34 + 111 + 232 + 251 \\ 650 &:= 2^2 + 3^4 + 12^1 + 23^2 + 24^1 = 22 + 34 + 121 + 232 + 241 \\ 650 &:= 2^2 + 3^4 + 13^1 + 23^1 + 23^2 = 22 + 34 + 131 + 231 + 232 \\ 650 &:= 2^2 + 3^4 + 14^1 + 22^1 + 23^2 = 22 + 34 + 141 + 221 + 232 \\ 650 &:= 2^2 + 3^4 + 15^1 + 21^1 + 23^2 = 22 + 34 + 151 + 211 + 232 \\ 650 &:= 2^2 + 3^4 + 16^1 + 20^1 + 23^2 = 22 + 34 + 161 + 201 + 232 \\ 650 &:= 2^2 + 3^4 + 17^1 + 19^1 + 23^2 = 22 + 34 + 171 + 191 + 232 \\ 650 &:= 2^2 + 3^4 + 18^1 + 18^1 + 23^2 = 22 + 34 + 181 + 181 + 232 \\ 650 &:= 2^2 + 3^4 + 9^1 + 23^2 + 27^1 = 22 + 34 + 91 + 232 + 271 \\ 650 &:= 2^2 + 4^3 + 14^2 + 19^2 + 25^1 = 22 + 43 + 142 + 192 + 251 \\ 650 &:= 2^3 + 10^2 + 11^2 + 20^2 + 21^1 = 23 + 102 + 112 + 202 + 211 \\ 650 &:= 2^3 + 4^4 + 15^0 + 19^2 + 24^1 = 23 + 44 + 150 + 192 + 241 \\ 650 &:= 2^3 + 6^3 + 13^2 + 16^2 + 27^0 = 23 + 63 + 132 + 162 + 270 \\ 650 &:= 2^3 + 8^2 + 14^2 + 19^2 + 21^1 = 23 + 82 + 142 + 192 + 211 \\ 650 &:= 2^4 + 10^1 + 11^2 + 19^1 + 22^2 = 24 + 101 + 112 + 191 + 222 \\ 650 &:= 2^4 + 11^1 + 11^2 + 18^1 + 22^2 = 24 + 111 + 112 + 181 + 222 \\ 650 &:= 2^4 + 11^2 + 12^1 + 17^1 + 22^2 = 24 + 112 + 121 + 171 + 222 \\ 650 &:= 2^4 + 11^2 + 13^1 + 16^1 + 22^2 = 24 + 112 + 131 + 161 + 222 \\ 650 &:= 2^4 + 11^2 + 14^1 + 15^1 + 22^2 = 24 + 112 + 141 + 151 + 222 \\ 650 &:= 2^4 + 11^2 + 16^2 + 16^2 + 19^0 = 24 + 112 + 162 + 162 + 190 \\ 650 &:= 2^4 + 3^1 + 11^2 + 22^2 + 26^1 = 24 + 31 + 112 + 222 + 261 \\ 650 &:= 2^4 + 4^1 + 11^2 + 22^2 + 25^1 = 24 + 41 + 112 + 222 + 251 \\ 650 &:= 2^4 + 4^2 + 16^2 + 19^2 + 23^0 = 24 + 42 + 162 + 192 + 230 \\ 650 &:= 2^4 + 5^1 + 11^2 + 22^2 + 24^1 = 24 + 51 + 112 + 222 + 241 \\ 650 &:= 2^4 + 5^2 + 10^1 + 23^1 + 24^2 = 24 + 52 + 101 + 231 + 242 \\ 650 &:= 2^4 + 5^2 + 11^1 + 22^1 + 24^2 = 24 + 52 + 111 + 221 + 242 \\ 650 &:= 2^4 + 5^2 + 12^1 + 21^1 + 24^2 = 24 + 52 + 121 + 211 + 242 \\ 650 &:= 2^4 + 5^2 + 13^1 + 20^1 + 24^2 = 24 + 52 + 131 + 201 + 242 \\ 650 &:= 2^4 + 5^2 + 14^1 + 19^1 + 24^2 = 24 + 52 + 141 + 191 + 242 \\ 650 &:= 2^4 + 5^2 + 15^1 + 18^1 + 24^2 = 24 + 52 + 151 + 181 + 242 \\ 650 &:= 2^4 + 5^2 + 16^1 + 17^1 + 24^2 = 24 + 52 + 161 + 171 + 242 \\ 650 &:= 2^4 + 5^2 + 6^1 + 24^2 + 27^1 = 24 + 52 + 61 + 242 + 271 \\ 650 &:= 2^4 + 5^2 + 7^1 + 24^2 + 26^1 = 24 + 52 + 71 + 242 + 261 \\ 650 &:= 2^4 + 5^2 + 8^1 + 24^2 + 25^1 = 24 + 52 + 81 + 242 + 251 \\ 650 &:= 2^4 + 5^2 + 9^1 + 24^1 + 24^2 = 24 + 52 + 91 + 241 + 242 \\ 650 &:= 2^4 + 5^3 + 11^0 + 22^2 + 24^1 = 24 + 53 + 110 + 222 + 241 \\ 650 &:= 2^4 + 6^1 + 11^2 + 22^2 + 23^1 = 24 + 61 + 112 + 222 + 231 \\ 650 &:= 2^4 + 6^3 + 17^1 + 19^0 + 20^2 = 24 + 63 + 171 + 190 + 202 \\ 650 &:= 2^4 + 7^1 + 11^2 + 22^1 + 22^2 = 24 + 71 + 112 + 221 + 222 \\ 650 &:= 2^4 + 7^2 + 10^2 + 22^2 + 23^0 = 24 + 72 + 102 + 222 + 230 \\ 650 &:= 2^4 + 8^1 + 11^2 + 21^1 + 22^2 = 24 + 81 + 112 + 211 + 222 \\ 650 &:= 2^4 + 8^2 + 13^2 + 20^2 + 21^0 = 24 + 82 + 132 + 202 + 210 \\ 650 &:= 2^4 + 8^3 + 10^2 + 21^1 + 23^0 = 24 + 83 + 102 + 211 + 230 \\ 650 &:= 2^4 + 9^1 + 11^2 + 20^1 + 22^2 = 24 + 91 + 112 + 201 + 222 \\ 650 &:= 2^5 + 11^2 + 12^1 + 17^0 + 22^2 = 25 + 112 + 121 + 170 + 222 \\ 650 &:= 2^5 + 4^1 + 17^2 + 18^2 + 23^0 = 25 + 41 + 172 + 182 + 230 \\ 650 &:= 2^5 + 4^2 + 9^0 + 24^2 + 25^1 = 25 + 42 + 90 + 242 + 251 \\ 650 &:= 2^5 + 5^1 + 6^2 + 24^2 + 27^0 = 25 + 51 + 62 + 242 + 270 \\ 650 &:= 2^5 + 5^2 + 16^1 + 17^0 + 24^2 = 25 + 52 + 161 + 170 + 242 \\ 650 &:= 2^5 + 6^3 + 10^0 + 20^2 + 26^0 = 25 + 63 + 100 + 202 + 260 \\ 650 &:= 2^5 + 6^3 + 11^0 + 20^2 + 25^0 = 25 + 63 + 110 + 202 + 250 \\ 650 &:= 2^5 + 6^3 + 12^0 + 20^2 + 24^0 = 25 + 63 + 120 + 202 + 240 \\ 650 &:= 2^5 + 6^3 + 13^0 + 20^2 + 23^0 = 25 + 63 + 130 + 202 + 230 \\ 650 &:= 2^5 + 6^3 + 14^0 + 20^2 + 22^0 = 25 + 63 + 140 + 202 + 220 \\ 650 &:= 2^5 + 6^3 + 15^0 + 20^2 + 21^0 = 25 + 63 + 150 + 202 + 210 \\ 650 &:= 2^5 + 6^3 + 16^0 + 20^0 + 20^2 = 25 + 63 + 160 + 200 + 202 \end{aligned}$$

$$\begin{aligned}
 650 &:= 2^5 + 6^3 + 17^0 + 19^0 + 20^2 = 25 + 63 + 170 + 190 + 202 \\
 650 &:= 2^5 + 6^3 + 18^0 + 18^0 + 20^2 = 25 + 63 + 180 + 180 + 202 \\
 650 &:= 2^5 + 6^3 + 9^0 + 20^2 + 27^0 = 25 + 63 + 90 + 202 + 270 \\
 650 &:= 2^5 + 7^0 + 14^2 + 20^2 + 21^1 = 25 + 70 + 142 + 202 + 211 \\
 650 &:= 2^5 + 7^0 + 8^2 + 23^2 + 24^1 = 25 + 70 + 82 + 232 + 241 \\
 650 &:= 2^5 + 7^1 + 13^2 + 21^0 + 21^2 = 25 + 71 + 132 + 210 + 212 \\
 650 &:= 2^5 + 7^1 + 9^2 + 23^0 + 23^2 = 25 + 71 + 92 + 230 + 232 \\
 650 &:= 2^6 + 10^0 + 10^2 + 20^0 + 22^2 = 26 + 100 + 102 + 200 + 222 \\
 650 &:= 2^6 + 10^2 + 11^0 + 19^0 + 22^2 = 26 + 102 + 110 + 190 + 222 \\
 650 &:= 2^6 + 10^2 + 12^0 + 18^0 + 22^2 = 26 + 102 + 120 + 180 + 222 \\
 650 &:= 2^6 + 10^2 + 13^0 + 17^0 + 22^2 = 26 + 102 + 130 + 170 + 222 \\
 650 &:= 2^6 + 10^2 + 14^0 + 16^0 + 22^2 = 26 + 102 + 140 + 160 + 222 \\
 650 &:= 2^6 + 10^2 + 15^0 + 15^0 + 22^2 = 26 + 102 + 150 + 150 + 222 \\
 650 &:= 2^6 + 3^0 + 10^2 + 22^2 + 27^0 = 26 + 30 + 102 + 222 + 270 \\
 650 &:= 2^6 + 4^0 + 10^2 + 22^2 + 26^0 = 26 + 40 + 102 + 222 + 260 \\
 650 &:= 2^6 + 5^0 + 10^2 + 22^2 + 25^0 = 26 + 50 + 102 + 222 + 250 \\
 650 &:= 2^6 + 6^0 + 10^2 + 22^2 + 24^0 = 26 + 60 + 102 + 222 + 240 \\
 650 &:= 2^6 + 7^0 + 10^2 + 22^2 + 23^0 = 26 + 70 + 102 + 222 + 230 \\
 650 &:= 2^6 + 8^0 + 10^2 + 22^0 + 22^2 = 26 + 80 + 102 + 220 + 222 \\
 650 &:= 2^6 + 9^0 + 10^2 + 21^0 + 22^2 = 26 + 90 + 102 + 210 + 222 \\
 650 &:= 3^3 + 11^2 + 11^2 + 19^2 + 20^1 = 33 + 112 + 112 + 192 + 201 \\
 650 &:= 3^3 + 3^4 + 12^1 + 23^0 + 23^2 = 33 + 34 + 121 + 230 + 232 \\
 650 &:= 3^3 + 9^2 + 11^2 + 20^2 + 21^1 = 33 + 92 + 112 + 202 + 211 \\
 650 &:= 3^4 + 10^2 + 12^2 + 18^2 + 21^0 = 34 + 102 + 122 + 182 + 210
 \end{aligned}$$

$$\begin{aligned}
 650 &:= 3^4 + 4^3 + 15^0 + 20^1 + 22^2 = 34 + 43 + 150 + 201 + 222 \\
 650 &:= 3^4 + 6^2 + 8^3 + 20^1 + 27^0 = 34 + 62 + 83 + 201 + 270 \\
 650 &:= 3^5 + 10^2 + 17^0 + 17^1 + 17^2 = 35 + 102 + 170 + 171 + 172 \\
 650 &:= 3^5 + 12^1 + 13^2 + 15^2 + 21^0 = 35 + 121 + 132 + 152 + 210 \\
 650 &:= 3^5 + 14^1 + 14^2 + 14^2 + 19^0 = 35 + 141 + 142 + 142 + 190 \\
 650 &:= 3^5 + 5^2 + 17^0 + 19^2 + 20^1 = 35 + 52 + 170 + 192 + 201 \\
 650 &:= 3^5 + 6^1 + 12^2 + 16^2 + 27^0 = 35 + 61 + 122 + 162 + 270 \\
 650 &:= 3^5 + 6^2 + 9^1 + 19^2 + 27^0 = 35 + 62 + 91 + 192 + 270 \\
 650 &:= 3^5 + 8^2 + 17^0 + 18^1 + 18^2 = 35 + 82 + 170 + 181 + 182 \\
 650 &:= 4^2 + 5^3 + 14^2 + 17^2 + 24^1 = 42 + 53 + 142 + 172 + 241 \\
 650 &:= 4^2 + 6^3 + 14^2 + 14^2 + 26^1 = 42 + 63 + 142 + 142 + 261 \\
 650 &:= 4^3 + 11^2 + 11^2 + 18^2 + 20^1 = 43 + 112 + 112 + 182 + 201 \\
 650 &:= 4^3 + 4^3 + 11^2 + 20^2 + 25^0 = 43 + 43 + 112 + 202 + 250 \\
 650 &:= 4^3 + 6^3 + 12^2 + 15^2 + 27^0 = 43 + 63 + 122 + 152 + 270 \\
 650 &:= 4^3 + 6^3 + 7^3 + 21^0 + 26^1 = 43 + 63 + 73 + 210 + 261 \\
 650 &:= 4^3 + 8^2 + 10^2 + 20^2 + 22^1 = 43 + 82 + 102 + 202 + 221 \\
 650 &:= 4^3 + 9^2 + 14^2 + 17^2 + 20^1 = 43 + 92 + 142 + 172 + 201 \\
 650 &:= 4^4 + 5^2 + 7^3 + 23^0 + 25^1 = 44 + 52 + 73 + 230 + 251 \\
 650 &:= 4^4 + 5^3 + 12^1 + 16^2 + 27^0 = 44 + 53 + 121 + 162 + 270 \\
 650 &:= 5^3 + 6^2 + 8^2 + 20^2 + 25^1 = 53 + 62 + 82 + 202 + 251 \\
 650 &:= 6^3 + 11^2 + 11^2 + 13^2 + 23^1 = 63 + 112 + 112 + 132 + 231 \\
 650 &:= 6^3 + 8^2 + 11^2 + 15^2 + 24^1 = 63 + 82 + 112 + 152 + 241
 \end{aligned}$$

2.2.552 Number 651

$$\begin{aligned}
 651 &:= 1^6 + 5^4 + 24^1 + 34^0 = 16 + 54 + 241 + 340 \\
 651 &:= 1^7 + 2^9 + 3^4 + 57^1 = 17 + 29 + 34 + 571 \\
 651 &:= 1^8 + 14^0 + 24^1 + 25^2 = 18 + 140 + 241 + 252 \\
 651 &:= 2^7 + 8^3 + 10^1 + 44^0 = 27 + 83 + 101 + 440 \\
 651 &:= 2^7 + 9^2 + 21^2 + 32^0 = 27 + 92 + 212 + 320 \\
 651 &:= 2^8 + 10^0 + 19^2 + 33^1 = 28 + 100 + 192 + 331 \\
 651 &:= 3^5 + 4^3 + 7^3 + 50^0 = 35 + 43 + 73 + 500 \\
 651 &:= 1^0 + 1^7 + 18^2 + 18^2 + 26^0 = 10 + 17 + 182 + 182 + 260 \\
 651 &:= 1^0 + 1^8 + 14^0 + 23^1 + 25^2 = 10 + 18 + 140 + 231 + 252 \\
 651 &:= 1^1 + 1^6 + 18^2 + 18^2 + 26^0 = 11 + 16 + 182 + 182 + 260 \\
 651 &:= 1^1 + 1^7 + 14^0 + 23^1 + 25^2 = 11 + 17 + 140 + 231 + 252 \\
 651 &:= 1^2 + 1^5 + 18^2 + 18^2 + 26^0 = 12 + 15 + 182 + 182 + 260
 \end{aligned}$$

$$\begin{aligned}
 651 &:= 1^2 + 1^6 + 14^0 + 23^1 + 25^2 = 12 + 16 + 140 + 231 + 252 \\
 651 &:= 1^2 + 2^5 + 16^2 + 19^2 + 26^0 = 12 + 25 + 162 + 192 + 260 \\
 651 &:= 1^3 + 1^4 + 18^2 + 18^2 + 26^0 = 13 + 14 + 182 + 182 + 260 \\
 651 &:= 1^3 + 1^5 + 14^0 + 23^1 + 25^2 = 13 + 15 + 140 + 231 + 252 \\
 651 &:= 1^4 + 1^4 + 14^0 + 23^1 + 25^2 = 14 + 14 + 140 + 231 + 252 \\
 651 &:= 1^4 + 4^3 + 12^2 + 21^2 + 26^0 = 14 + 43 + 122 + 212 + 260 \\
 651 &:= 1^5 + 10^2 + 15^2 + 18^2 + 20^0 = 15 + 102 + 152 + 182 + 200 \\
 651 &:= 1^5 + 12^2 + 12^2 + 19^2 + 20^0 = 15 + 122 + 122 + 192 + 200 \\
 651 &:= 1^5 + 2^3 + 16^1 + 20^0 + 25^2 = 15 + 23 + 161 + 200 + 252 \\
 651 &:= 1^5 + 4^3 + 9^1 + 24^2 + 26^0 = 15 + 43 + 91 + 242 + 260 \\
 651 &:= 1^5 + 6^2 + 17^2 + 18^2 + 22^0 = 15 + 62 + 172 + 182 + 220 \\
 651 &:= 1^5 + 7^3 + 17^1 + 17^2 + 22^0 = 15 + 73 + 171 + 172 + 220
 \end{aligned}$$

$$\begin{aligned} 651 &:= 1^5 + 8^2 + 12^2 + 21^2 + 22^0 = 15 + 82 + 122 + 212 + 220 \\ 651 &:= 1^6 + 10^0 + 10^2 + 20^1 + 23^2 = 16 + 100 + 102 + 201 + 232 \\ 651 &:= 1^6 + 12^1 + 14^2 + 16^0 + 21^2 = 16 + 121 + 142 + 160 + 212 \\ 651 &:= 1^6 + 2^2 + 16^0 + 20^1 + 25^2 = 16 + 22 + 160 + 201 + 252 \\ 651 &:= 1^6 + 3^2 + 15^1 + 20^0 + 25^2 = 16 + 32 + 151 + 200 + 252 \\ 651 &:= 1^6 + 4^0 + 15^2 + 20^2 + 24^1 = 16 + 40 + 152 + 202 + 241 \\ 651 &:= 1^6 + 4^2 + 8^1 + 25^2 + 26^0 = 16 + 42 + 81 + 252 + 260 \\ 651 &:= 1^6 + 5^4 + 10^0 + 23^1 + 25^0 = 16 + 54 + 100 + 231 + 250 \\ 651 &:= 1^6 + 5^4 + 11^0 + 23^1 + 24^0 = 16 + 54 + 110 + 231 + 240 \\ 651 &:= 1^6 + 5^4 + 12^0 + 23^0 + 23^1 = 16 + 54 + 120 + 230 + 231 \\ 651 &:= 1^6 + 5^4 + 13^0 + 22^0 + 23^1 = 16 + 54 + 130 + 220 + 231 \\ 651 &:= 1^6 + 5^4 + 14^0 + 21^0 + 23^1 = 16 + 54 + 140 + 210 + 231 \\ 651 &:= 1^6 + 5^4 + 15^0 + 20^0 + 23^1 = 16 + 54 + 150 + 200 + 231 \\ 651 &:= 1^6 + 5^4 + 16^0 + 19^0 + 23^1 = 16 + 54 + 160 + 190 + 231 \\ 651 &:= 1^6 + 5^4 + 17^0 + 18^0 + 23^1 = 16 + 54 + 170 + 180 + 231 \\ 651 &:= 1^6 + 5^4 + 8^0 + 23^1 + 27^0 = 16 + 54 + 80 + 231 + 270 \\ 651 &:= 1^6 + 5^4 + 9^0 + 23^1 + 26^0 = 16 + 54 + 90 + 231 + 260 \\ 651 &:= 1^6 + 7^2 + 8^0 + 24^1 + 24^2 = 16 + 72 + 80 + 241 + 242 \\ 651 &:= 1^6 + 8^0 + 12^2 + 21^1 + 22^2 = 16 + 80 + 122 + 211 + 222 \\ 651 &:= 1^6 + 8^2 + 9^1 + 22^0 + 24^2 = 16 + 82 + 91 + 220 + 242 \\ 651 &:= 1^7 + 10^0 + 17^0 + 18^2 + 18^2 = 17 + 100 + 170 + 182 + 182 \\ 651 &:= 1^7 + 10^1 + 14^0 + 14^1 + 25^2 = 17 + 101 + 140 + 141 + 252 \\ 651 &:= 1^7 + 11^0 + 16^0 + 18^2 + 18^2 = 17 + 110 + 160 + 182 + 182 \\ 651 &:= 1^7 + 11^1 + 13^1 + 14^0 + 25^2 = 17 + 111 + 131 + 140 + 252 \\ 651 &:= 1^7 + 12^0 + 15^0 + 18^2 + 18^2 = 17 + 120 + 150 + 182 + 182 \\ 651 &:= 1^7 + 12^1 + 12^1 + 14^0 + 25^2 = 17 + 121 + 121 + 140 + 252 \\ 651 &:= 1^7 + 13^0 + 14^0 + 18^2 + 18^2 = 17 + 130 + 140 + 182 + 182 \\ 651 &:= 1^7 + 2^0 + 18^2 + 18^2 + 25^0 = 17 + 20 + 182 + 182 + 250 \\ 651 &:= 1^7 + 2^1 + 14^0 + 22^1 + 25^2 = 17 + 21 + 140 + 221 + 252 \\ 651 &:= 1^7 + 3^0 + 18^2 + 18^2 + 24^0 = 17 + 30 + 182 + 182 + 240 \\ 651 &:= 1^7 + 3^1 + 14^0 + 21^1 + 25^2 = 17 + 31 + 140 + 211 + 252 \\ 651 &:= 1^7 + 4^0 + 18^2 + 18^2 + 23^0 = 17 + 40 + 182 + 182 + 230 \\ 651 &:= 1^7 + 4^1 + 14^0 + 20^1 + 25^2 = 17 + 41 + 140 + 201 + 252 \\ 651 &:= 1^7 + 5^0 + 18^2 + 18^2 + 22^0 = 17 + 50 + 182 + 182 + 220 \\ 651 &:= 1^7 + 5^1 + 14^0 + 19^1 + 25^2 = 17 + 51 + 140 + 191 + 252 \\ 651 &:= 1^7 + 6^0 + 18^2 + 18^2 + 21^0 = 17 + 60 + 182 + 182 + 210 \\ 651 &:= 1^7 + 6^1 + 14^0 + 18^1 + 25^2 = 17 + 61 + 140 + 181 + 252 \\ 651 &:= 1^7 + 7^0 + 18^2 + 18^2 + 20^0 = 17 + 70 + 182 + 182 + 200 \end{aligned}$$

$$\begin{aligned} 651 &:= 1^7 + 7^1 + 14^0 + 17^1 + 25^2 = 17 + 71 + 140 + 171 + 252 \\ 651 &:= 1^7 + 8^0 + 18^2 + 18^2 + 19^0 = 17 + 80 + 182 + 182 + 190 \\ 651 &:= 1^7 + 8^1 + 14^0 + 16^1 + 25^2 = 17 + 81 + 140 + 161 + 252 \\ 651 &:= 1^7 + 9^0 + 18^0 + 18^2 + 18^2 = 17 + 90 + 180 + 182 + 182 \\ 651 &:= 1^7 + 9^1 + 14^0 + 15^1 + 25^2 = 17 + 91 + 140 + 151 + 252 \\ 651 &:= 1^8 + 1^9 + 18^2 + 18^2 + 25^0 = 18 + 19 + 182 + 182 + 250 \\ 651 &:= 1^8 + 2^0 + 13^0 + 23^1 + 25^2 = 18 + 20 + 130 + 231 + 252 \\ 651 &:= 1^8 + 3^0 + 12^0 + 23^1 + 25^2 = 18 + 30 + 120 + 231 + 252 \\ 651 &:= 1^8 + 4^0 + 11^0 + 23^1 + 25^2 = 18 + 40 + 110 + 231 + 252 \\ 651 &:= 1^8 + 5^0 + 10^0 + 23^1 + 25^2 = 18 + 50 + 100 + 231 + 252 \\ 651 &:= 1^8 + 6^0 + 9^0 + 23^1 + 25^2 = 18 + 60 + 90 + 231 + 252 \\ 651 &:= 1^8 + 7^0 + 8^0 + 23^1 + 25^2 = 18 + 70 + 80 + 231 + 252 \\ 651 &:= 1^9 + 1^9 + 13^0 + 23^1 + 25^2 = 19 + 19 + 130 + 231 + 252 \\ 651 &:= 2^0 + 2^7 + 11^1 + 22^2 + 27^1 = 20 + 27 + 111 + 222 + 271 \\ 651 &:= 2^0 + 2^7 + 12^1 + 22^2 + 26^1 = 20 + 27 + 121 + 222 + 261 \\ 651 &:= 2^0 + 2^7 + 13^1 + 22^2 + 25^1 = 20 + 27 + 131 + 222 + 251 \\ 651 &:= 2^0 + 2^7 + 14^1 + 22^2 + 24^1 = 20 + 27 + 141 + 222 + 241 \\ 651 &:= 2^0 + 2^7 + 15^1 + 22^2 + 23^1 = 20 + 27 + 151 + 222 + 231 \\ 651 &:= 2^0 + 2^7 + 16^1 + 22^1 + 22^2 = 20 + 27 + 161 + 221 + 222 \\ 651 &:= 2^0 + 2^7 + 17^1 + 21^1 + 22^2 = 20 + 27 + 171 + 211 + 222 \\ 651 &:= 2^0 + 2^7 + 18^1 + 20^1 + 22^2 = 20 + 27 + 181 + 201 + 222 \\ 651 &:= 2^0 + 2^7 + 19^1 + 19^1 + 22^2 = 20 + 27 + 191 + 191 + 222 \\ 651 &:= 2^4 + 3^4 + 12^0 + 23^2 + 24^1 = 24 + 34 + 120 + 232 + 241 \\ 651 &:= 2^4 + 4^4 + 17^1 + 19^2 + 22^0 = 24 + 44 + 171 + 192 + 220 \\ 651 &:= 2^5 + 3^3 + 15^1 + 20^0 + 24^2 = 25 + 33 + 151 + 200 + 242 \\ 651 &:= 2^5 + 4^3 + 10^0 + 23^2 + 25^1 = 25 + 43 + 100 + 232 + 251 \\ 651 &:= 2^5 + 4^4 + 12^0 + 19^2 + 27^0 = 25 + 44 + 120 + 192 + 270 \\ 651 &:= 2^5 + 4^4 + 13^0 + 19^2 + 26^0 = 25 + 44 + 130 + 192 + 260 \\ 651 &:= 2^5 + 4^4 + 14^0 + 19^2 + 25^0 = 25 + 44 + 140 + 192 + 250 \\ 651 &:= 2^5 + 4^4 + 15^0 + 19^2 + 24^0 = 25 + 44 + 150 + 192 + 240 \\ 651 &:= 2^5 + 4^4 + 16^0 + 19^2 + 23^0 = 25 + 44 + 160 + 192 + 230 \\ 651 &:= 2^5 + 4^4 + 17^0 + 19^2 + 22^0 = 25 + 44 + 170 + 192 + 220 \\ 651 &:= 2^5 + 4^4 + 18^0 + 19^2 + 21^0 = 25 + 44 + 180 + 192 + 210 \\ 651 &:= 2^5 + 4^4 + 19^0 + 19^2 + 20^0 = 25 + 44 + 190 + 192 + 200 \\ 651 &:= 2^5 + 5^2 + 8^2 + 23^2 + 26^0 = 25 + 52 + 82 + 232 + 260 \\ 651 &:= 2^5 + 5^3 + 9^1 + 22^2 + 26^0 = 25 + 53 + 91 + 222 + 260 \\ 651 &:= 2^5 + 7^2 + 13^2 + 20^2 + 22^0 = 25 + 72 + 132 + 202 + 220 \\ 651 &:= 2^5 + 7^3 + 16^2 + 19^1 + 20^0 = 25 + 73 + 162 + 191 + 200 \end{aligned}$$

$$\begin{aligned}
 651 &:= 2^5 + 8^3 + 9^2 + 20^0 + 25^1 = 25 + 83 + 92 + 200 + 251 \\
 651 &:= 2^6 + 12^0 + 13^2 + 17^1 + 20^2 = 26 + 120 + 132 + 171 + 202 \\
 651 &:= 2^6 + 6^0 + 11^2 + 21^2 + 24^1 = 26 + 60 + 112 + 212 + 241 \\
 651 &:= 2^6 + 6^1 + 16^2 + 18^2 + 22^0 = 26 + 61 + 162 + 182 + 220 \\
 651 &:= 2^6 + 6^2 + 12^0 + 21^1 + 23^2 = 26 + 62 + 120 + 211 + 232 \\
 651 &:= 2^6 + 7^2 + 8^1 + 23^2 + 24^0 = 26 + 72 + 81 + 232 + 240 \\
 651 &:= 2^6 + 8^1 + 17^2 + 17^2 + 20^0 = 26 + 81 + 172 + 172 + 200 \\
 651 &:= 2^6 + 9^2 + 10^0 + 21^1 + 22^2 = 26 + 92 + 100 + 211 + 222 \\
 651 &:= 2^7 + 10^0 + 11^2 + 20^2 + 21^0 = 27 + 100 + 112 + 202 + 210 \\
 651 &:= 2^7 + 11^0 + 11^2 + 20^0 + 20^2 = 27 + 110 + 112 + 200 + 202 \\
 651 &:= 2^7 + 11^2 + 12^0 + 19^0 + 20^2 = 27 + 112 + 120 + 190 + 202 \\
 651 &:= 2^7 + 11^2 + 13^0 + 18^0 + 20^2 = 27 + 112 + 130 + 180 + 202 \\
 651 &:= 2^7 + 11^2 + 14^0 + 17^0 + 20^2 = 27 + 112 + 140 + 170 + 202 \\
 651 &:= 2^7 + 11^2 + 15^0 + 16^0 + 20^2 = 27 + 112 + 150 + 160 + 202 \\
 651 &:= 2^7 + 4^0 + 11^2 + 20^2 + 27^0 = 27 + 40 + 112 + 202 + 270 \\
 651 &:= 2^7 + 5^0 + 11^2 + 20^2 + 26^0 = 27 + 50 + 112 + 202 + 260 \\
 651 &:= 2^7 + 6^0 + 11^2 + 20^2 + 25^0 = 27 + 60 + 112 + 202 + 250
 \end{aligned}$$

$$\begin{aligned}
 651 &:= 2^7 + 7^0 + 11^2 + 20^2 + 24^0 = 27 + 70 + 112 + 202 + 240 \\
 651 &:= 2^7 + 8^0 + 11^2 + 20^2 + 23^0 = 27 + 80 + 112 + 202 + 230 \\
 651 &:= 2^7 + 8^3 + 9^1 + 18^0 + 27^0 = 27 + 83 + 91 + 180 + 270 \\
 651 &:= 2^7 + 8^3 + 9^1 + 19^0 + 26^0 = 27 + 83 + 91 + 190 + 260 \\
 651 &:= 2^7 + 8^3 + 9^1 + 20^0 + 25^0 = 27 + 83 + 91 + 200 + 250 \\
 651 &:= 2^7 + 8^3 + 9^1 + 21^0 + 24^0 = 27 + 83 + 91 + 210 + 240 \\
 651 &:= 2^7 + 8^3 + 9^1 + 22^0 + 23^0 = 27 + 83 + 91 + 220 + 230 \\
 651 &:= 2^7 + 9^0 + 11^2 + 20^2 + 22^0 = 27 + 90 + 112 + 202 + 220 \\
 651 &:= 3^3 + 3^5 + 19^1 + 19^2 + 20^0 = 33 + 35 + 191 + 192 + 200 \\
 651 &:= 3^3 + 4^4 + 7^3 + 24^1 + 26^0 = 33 + 44 + 73 + 241 + 260 \\
 651 &:= 3^4 + 4^3 + 12^2 + 19^2 + 26^0 = 34 + 43 + 122 + 192 + 260 \\
 651 &:= 3^4 + 4^4 + 16^0 + 17^2 + 24^1 = 34 + 44 + 160 + 172 + 241 \\
 651 &:= 3^5 + 4^3 + 18^2 + 19^1 + 20^0 = 35 + 43 + 182 + 191 + 200 \\
 651 &:= 3^5 + 5^3 + 14^0 + 16^2 + 26^1 = 35 + 53 + 140 + 162 + 261 \\
 651 &:= 3^5 + 6^3 + 13^2 + 20^0 + 22^1 = 35 + 63 + 132 + 200 + 221
 \end{aligned}$$

2.2.553 Number 652

$$\begin{aligned}
 652 &:= 1^2 + 2^7 + 22^2 + 39^1 = 12 + 27 + 222 + 391 \\
 652 &:= 1^4 + 4^4 + 7^3 + 52^1 = 14 + 44 + 73 + 521 \\
 652 &:= 1^6 + 5^2 + 5^4 + 53^0 = 16 + 52 + 54 + 530 \\
 652 &:= 1^7 + 5^4 + 25^1 + 33^0 = 17 + 54 + 251 + 330 \\
 652 &:= 1^8 + 11^2 + 23^2 + 29^0 = 18 + 112 + 232 + 290 \\
 652 &:= 1^8 + 17^2 + 19^2 + 27^0 = 18 + 172 + 192 + 270 \\
 652 &:= 1^8 + 5^2 + 25^2 + 33^0 = 18 + 52 + 252 + 330 \\
 652 &:= 1^9 + 13^0 + 25^1 + 25^2 = 19 + 130 + 251 + 252 \\
 652 &:= 2^5 + 4^4 + 18^2 + 40^1 = 25 + 44 + 182 + 401 \\
 652 &:= 2^7 + 13^2 + 18^2 + 31^1 = 27 + 132 + 182 + 311 \\
 652 &:= 2^7 + 7^2 + 21^2 + 34^1 = 27 + 72 + 212 + 341 \\
 652 &:= 2^8 + 3^0 + 7^3 + 52^1 = 28 + 30 + 73 + 521 \\
 652 &:= 2^9 + 10^2 + 13^0 + 39^1 = 29 + 102 + 130 + 391 \\
 652 &:= 2^9 + 11^2 + 18^1 + 33^0 = 29 + 112 + 181 + 330 \\
 652 &:= 1^0 + 1^9 + 13^0 + 24^1 + 25^2 = 10 + 19 + 130 + 241 + 252 \\
 652 &:= 1^1 + 1^8 + 13^0 + 24^1 + 25^2 = 11 + 18 + 130 + 241 + 252 \\
 652 &:= 1^1 + 2^7 + 12^1 + 22^2 + 27^1 = 11 + 27 + 121 + 222 + 271 \\
 652 &:= 1^1 + 2^7 + 13^1 + 22^2 + 26^1 = 11 + 27 + 131 + 222 + 261 \\
 652 &:= 1^1 + 2^7 + 14^1 + 22^2 + 25^1 = 11 + 27 + 141 + 222 + 251
 \end{aligned}$$

$$\begin{aligned}
 652 &:= 1^1 + 2^7 + 15^1 + 22^2 + 24^1 = 11 + 27 + 151 + 222 + 241 \\
 652 &:= 1^1 + 2^7 + 16^1 + 22^2 + 23^1 = 11 + 27 + 161 + 222 + 231 \\
 652 &:= 1^1 + 2^7 + 17^1 + 22^1 + 22^2 = 11 + 27 + 171 + 221 + 222 \\
 652 &:= 1^1 + 2^7 + 18^1 + 21^1 + 22^2 = 11 + 27 + 181 + 211 + 222 \\
 652 &:= 1^1 + 2^7 + 19^1 + 20^1 + 22^2 = 11 + 27 + 191 + 201 + 222 \\
 652 &:= 1^2 + 1^7 + 13^0 + 24^1 + 25^2 = 12 + 17 + 130 + 241 + 252 \\
 652 &:= 1^2 + 2^6 + 15^2 + 19^2 + 27^0 = 12 + 26 + 152 + 192 + 270 \\
 652 &:= 1^3 + 1^6 + 13^0 + 24^1 + 25^2 = 13 + 16 + 130 + 241 + 252 \\
 652 &:= 1^3 + 2^6 + 10^1 + 24^2 + 27^0 = 13 + 26 + 101 + 242 + 270 \\
 652 &:= 1^3 + 4^4 + 7^3 + 25^1 + 27^1 = 13 + 44 + 73 + 251 + 271 \\
 652 &:= 1^3 + 4^4 + 7^3 + 26^1 + 26^1 = 13 + 44 + 73 + 261 + 261 \\
 652 &:= 1^4 + 1^5 + 13^0 + 24^1 + 25^2 = 14 + 15 + 130 + 241 + 252 \\
 652 &:= 1^4 + 2^3 + 16^2 + 19^2 + 26^1 = 14 + 23 + 162 + 192 + 261 \\
 652 &:= 1^4 + 3^4 + 13^2 + 20^2 + 27^0 = 14 + 34 + 132 + 202 + 270 \\
 652 &:= 1^5 + 10^2 + 13^2 + 19^2 + 21^1 = 15 + 102 + 132 + 192 + 211 \\
 652 &:= 1^5 + 2^4 + 9^1 + 25^2 + 27^0 = 15 + 24 + 91 + 252 + 270 \\
 652 &:= 1^5 + 3^2 + 16^2 + 19^2 + 25^1 = 15 + 32 + 162 + 192 + 251 \\
 652 &:= 1^5 + 4^2 + 13^2 + 21^2 + 25^1 = 15 + 42 + 132 + 212 + 251 \\
 652 &:= 1^5 + 4^3 + 15^2 + 19^2 + 25^0 = 15 + 43 + 152 + 192 + 250
 \end{aligned}$$

$$\begin{aligned} 652 &:= 1^5 + 7^2 + 16^2 + 18^2 + 22^1 = 15 + 72 + 162 + 182 + 221 \\ 652 &:= 1^5 + 9^2 + 15^2 + 18^2 + 21^1 = 15 + 92 + 152 + 182 + 211 \\ 652 &:= 1^6 + 13^2 + 15^2 + 16^2 + 19^0 = 16 + 132 + 152 + 162 + 190 \\ 652 &:= 1^6 + 2^3 + 17^1 + 19^0 + 25^2 = 16 + 23 + 171 + 190 + 252 \\ 652 &:= 1^6 + 4^3 + 10^1 + 24^2 + 25^0 = 16 + 43 + 101 + 242 + 250 \\ 652 &:= 1^6 + 5^2 + 15^2 + 20^2 + 23^0 = 16 + 52 + 152 + 202 + 230 \\ 652 &:= 1^6 + 5^2 + 7^2 + 24^2 + 27^0 = 16 + 52 + 72 + 242 + 270 \\ 652 &:= 1^6 + 7^3 + 17^2 + 18^1 + 21^0 = 16 + 73 + 172 + 181 + 210 \\ 652 &:= 1^6 + 8^2 + 15^2 + 19^2 + 21^0 = 16 + 82 + 152 + 192 + 210 \\ 652 &:= 1^6 + 8^3 + 11^2 + 17^1 + 27^0 = 16 + 83 + 112 + 171 + 270 \\ 652 &:= 1^6 + 9^2 + 13^2 + 20^2 + 21^0 = 16 + 92 + 132 + 202 + 210 \\ 652 &:= 1^7 + 13^1 + 14^2 + 15^0 + 21^2 = 17 + 131 + 142 + 150 + 212 \\ 652 &:= 1^7 + 2^1 + 18^2 + 18^2 + 25^0 = 17 + 21 + 182 + 182 + 250 \\ 652 &:= 1^7 + 2^2 + 15^0 + 21^1 + 25^2 = 17 + 22 + 150 + 211 + 252 \\ 652 &:= 1^7 + 3^0 + 15^2 + 20^2 + 25^1 = 17 + 30 + 152 + 202 + 251 \\ 652 &:= 1^7 + 3^2 + 16^1 + 19^0 + 25^2 = 17 + 32 + 161 + 190 + 252 \\ 652 &:= 1^7 + 4^2 + 9^1 + 25^0 + 25^2 = 17 + 42 + 91 + 250 + 252 \\ 652 &:= 1^7 + 5^4 + 10^0 + 24^0 + 24^1 = 17 + 54 + 100 + 240 + 241 \\ 652 &:= 1^7 + 5^4 + 11^0 + 23^0 + 24^1 = 17 + 54 + 110 + 230 + 241 \\ 652 &:= 1^7 + 5^4 + 12^0 + 22^0 + 24^1 = 17 + 54 + 120 + 220 + 241 \\ 652 &:= 1^7 + 5^4 + 13^0 + 21^0 + 24^1 = 17 + 54 + 130 + 210 + 241 \\ 652 &:= 1^7 + 5^4 + 14^0 + 20^0 + 24^1 = 17 + 54 + 140 + 200 + 241 \\ 652 &:= 1^7 + 5^4 + 15^0 + 19^0 + 24^1 = 17 + 54 + 150 + 190 + 241 \\ 652 &:= 1^7 + 5^4 + 16^0 + 18^0 + 24^1 = 17 + 54 + 160 + 180 + 241 \\ 652 &:= 1^7 + 5^4 + 17^0 + 17^0 + 24^1 = 17 + 54 + 170 + 170 + 241 \\ 652 &:= 1^7 + 5^4 + 7^0 + 24^1 + 27^0 = 17 + 54 + 70 + 241 + 270 \\ 652 &:= 1^7 + 5^4 + 8^0 + 24^1 + 26^0 = 17 + 54 + 80 + 241 + 260 \\ 652 &:= 1^7 + 5^4 + 9^0 + 24^1 + 25^0 = 17 + 54 + 90 + 241 + 250 \\ 652 &:= 1^7 + 7^0 + 12^2 + 22^1 + 22^2 = 17 + 70 + 122 + 221 + 222 \\ 652 &:= 1^7 + 7^0 + 7^2 + 24^2 + 25^1 = 17 + 70 + 72 + 242 + 251 \\ 652 &:= 1^7 + 8^2 + 10^1 + 21^0 + 24^2 = 17 + 82 + 101 + 210 + 242 \\ 652 &:= 1^7 + 9^0 + 10^2 + 21^1 + 23^2 = 17 + 90 + 102 + 211 + 232 \\ 652 &:= 1^8 + 10^1 + 13^0 + 15^1 + 25^2 = 18 + 101 + 130 + 151 + 252 \\ 652 &:= 1^8 + 11^1 + 13^0 + 14^1 + 25^2 = 18 + 111 + 130 + 141 + 252 \\ 652 &:= 1^8 + 12^1 + 13^0 + 13^1 + 25^2 = 18 + 121 + 130 + 131 + 252 \\ 652 &:= 1^8 + 2^1 + 13^0 + 23^1 + 25^2 = 18 + 21 + 130 + 231 + 252 \\ 652 &:= 1^8 + 3^1 + 13^0 + 22^1 + 25^2 = 18 + 31 + 130 + 221 + 252 \\ 652 &:= 1^8 + 4^1 + 13^0 + 21^1 + 25^2 = 18 + 41 + 130 + 211 + 252 \end{aligned}$$

$$\begin{aligned} 652 &:= 1^8 + 5^1 + 13^0 + 20^1 + 25^2 = 18 + 51 + 130 + 201 + 252 \\ 652 &:= 1^8 + 6^1 + 13^0 + 19^1 + 25^2 = 18 + 61 + 130 + 191 + 252 \\ 652 &:= 1^8 + 7^1 + 13^0 + 18^1 + 25^2 = 18 + 71 + 130 + 181 + 252 \\ 652 &:= 1^8 + 8^1 + 13^0 + 17^1 + 25^2 = 18 + 81 + 130 + 171 + 252 \\ 652 &:= 1^8 + 9^1 + 13^0 + 16^1 + 25^2 = 18 + 91 + 130 + 161 + 252 \\ 652 &:= 1^9 + 2^0 + 12^0 + 24^1 + 25^2 = 19 + 20 + 120 + 241 + 252 \\ 652 &:= 1^9 + 3^0 + 11^0 + 24^1 + 25^2 = 19 + 30 + 110 + 241 + 252 \\ 652 &:= 1^9 + 4^0 + 10^0 + 24^1 + 25^2 = 19 + 40 + 100 + 241 + 252 \\ 652 &:= 1^9 + 5^0 + 9^0 + 24^1 + 25^2 = 19 + 50 + 90 + 241 + 252 \\ 652 &:= 1^9 + 6^0 + 8^0 + 24^1 + 25^2 = 19 + 60 + 80 + 241 + 252 \\ 652 &:= 1^9 + 7^0 + 7^0 + 24^1 + 25^2 = 19 + 70 + 70 + 241 + 252 \\ 652 &:= 2^1 + 2^7 + 11^1 + 22^2 + 27^1 = 21 + 27 + 111 + 222 + 271 \\ 652 &:= 2^1 + 2^7 + 12^1 + 22^2 + 26^1 = 21 + 27 + 121 + 222 + 261 \\ 652 &:= 2^1 + 2^7 + 13^1 + 22^2 + 25^1 = 21 + 27 + 131 + 222 + 251 \\ 652 &:= 2^1 + 2^7 + 14^1 + 22^2 + 24^1 = 21 + 27 + 141 + 222 + 241 \\ 652 &:= 2^1 + 2^7 + 15^1 + 22^2 + 23^1 = 21 + 27 + 151 + 222 + 231 \\ 652 &:= 2^1 + 2^7 + 16^1 + 22^1 + 22^2 = 21 + 27 + 161 + 221 + 222 \\ 652 &:= 2^1 + 2^7 + 17^1 + 21^1 + 22^2 = 21 + 27 + 171 + 211 + 222 \\ 652 &:= 2^1 + 2^7 + 18^1 + 20^1 + 22^2 = 21 + 27 + 181 + 201 + 222 \\ 652 &:= 2^1 + 2^7 + 19^1 + 19^1 + 22^2 = 21 + 27 + 191 + 191 + 222 \\ 652 &:= 2^3 + 2^5 + 10^1 + 24^2 + 26^1 = 23 + 25 + 101 + 242 + 261 \\ 652 &:= 2^3 + 2^5 + 11^1 + 24^2 + 25^1 = 23 + 25 + 111 + 242 + 251 \\ 652 &:= 2^3 + 2^5 + 12^1 + 24^1 + 24^2 = 23 + 25 + 121 + 241 + 242 \\ 652 &:= 2^3 + 2^5 + 13^1 + 23^1 + 24^2 = 23 + 25 + 131 + 231 + 242 \\ 652 &:= 2^3 + 2^5 + 14^1 + 22^1 + 24^2 = 23 + 25 + 141 + 221 + 242 \\ 652 &:= 2^3 + 2^5 + 15^1 + 21^1 + 24^2 = 23 + 25 + 151 + 211 + 242 \\ 652 &:= 2^3 + 2^5 + 16^1 + 20^1 + 24^2 = 23 + 25 + 161 + 201 + 242 \\ 652 &:= 2^3 + 2^5 + 17^1 + 19^1 + 24^2 = 23 + 25 + 171 + 191 + 242 \\ 652 &:= 2^3 + 2^5 + 18^1 + 18^1 + 24^2 = 23 + 25 + 181 + 181 + 242 \\ 652 &:= 2^3 + 2^5 + 9^1 + 24^2 + 27^1 = 23 + 25 + 91 + 242 + 271 \\ 652 &:= 2^3 + 3^4 + 8^3 + 24^1 + 27^1 = 23 + 34 + 83 + 241 + 271 \\ 652 &:= 2^3 + 3^4 + 8^3 + 25^1 + 26^1 = 23 + 34 + 83 + 251 + 261 \\ 652 &:= 2^3 + 3^5 + 13^1 + 19^2 + 27^1 = 23 + 35 + 131 + 192 + 271 \\ 652 &:= 2^3 + 3^5 + 14^1 + 19^2 + 26^1 = 23 + 35 + 141 + 192 + 261 \\ 652 &:= 2^3 + 3^5 + 15^1 + 19^2 + 25^1 = 23 + 35 + 151 + 192 + 251 \\ 652 &:= 2^3 + 3^5 + 16^1 + 19^2 + 24^1 = 23 + 35 + 161 + 192 + 241 \\ 652 &:= 2^3 + 3^5 + 17^1 + 19^2 + 23^1 = 23 + 35 + 171 + 192 + 231 \\ 652 &:= 2^3 + 3^5 + 18^1 + 19^2 + 22^1 = 23 + 35 + 181 + 192 + 221 \end{aligned}$$

$$\begin{aligned} 652 &:= 2^3 + 3^5 + 19^1 + 19^2 + 21^1 = 23 + 35 + 191 + 192 + 211 \\ 652 &:= 2^3 + 3^5 + 19^2 + 20^1 + 20^1 = 23 + 35 + 192 + 201 + 201 \\ 652 &:= 2^4 + 2^5 + 9^0 + 24^2 + 27^1 = 24 + 25 + 90 + 242 + 271 \\ 652 &:= 2^4 + 5^3 + 14^2 + 17^2 + 26^1 = 24 + 53 + 142 + 172 + 261 \\ 652 &:= 2^5 + 3^2 + 10^2 + 22^2 + 27^1 = 25 + 32 + 102 + 222 + 271 \\ 652 &:= 2^5 + 3^2 + 12^2 + 21^2 + 26^1 = 25 + 32 + 122 + 212 + 261 \\ 652 &:= 2^5 + 3^2 + 15^2 + 19^2 + 25^1 = 25 + 32 + 152 + 192 + 251 \\ 652 &:= 2^5 + 3^4 + 9^1 + 23^2 + 27^0 = 25 + 34 + 91 + 232 + 270 \\ 652 &:= 2^5 + 4^2 + 16^2 + 18^2 + 24^1 = 25 + 42 + 162 + 182 + 241 \\ 652 &:= 2^5 + 7^2 + 15^2 + 18^2 + 22^1 = 25 + 72 + 152 + 182 + 221 \\ 652 &:= 2^6 + 3^2 + 17^2 + 17^2 + 25^0 = 26 + 32 + 172 + 172 + 250 \\ 652 &:= 2^6 + 5^2 + 10^1 + 23^2 + 24^1 = 26 + 52 + 101 + 232 + 241 \\ 652 &:= 2^6 + 5^2 + 11^1 + 23^1 + 23^2 = 26 + 52 + 111 + 231 + 232 \\ 652 &:= 2^6 + 5^2 + 11^2 + 21^2 + 25^0 = 26 + 52 + 112 + 212 + 250 \\ 652 &:= 2^6 + 5^2 + 12^1 + 22^1 + 23^2 = 26 + 52 + 121 + 221 + 232 \\ 652 &:= 2^6 + 5^2 + 13^1 + 21^1 + 23^2 = 26 + 52 + 131 + 211 + 232 \\ 652 &:= 2^6 + 5^2 + 14^1 + 20^1 + 23^2 = 26 + 52 + 141 + 201 + 232 \\ 652 &:= 2^6 + 5^2 + 15^1 + 19^1 + 23^2 = 26 + 52 + 151 + 191 + 232 \\ 652 &:= 2^6 + 5^2 + 16^1 + 18^1 + 23^2 = 26 + 52 + 161 + 181 + 232 \\ 652 &:= 2^6 + 5^2 + 17^1 + 17^1 + 23^2 = 26 + 52 + 171 + 171 + 232 \\ 652 &:= 2^6 + 5^2 + 7^1 + 23^2 + 27^1 = 26 + 52 + 71 + 232 + 271 \\ 652 &:= 2^6 + 5^2 + 8^1 + 23^2 + 26^1 = 26 + 52 + 81 + 232 + 261 \\ 652 &:= 2^6 + 5^2 + 9^1 + 23^2 + 25^1 = 26 + 52 + 91 + 232 + 251 \\ 652 &:= 2^6 + 5^3 + 15^0 + 21^1 + 21^2 = 26 + 53 + 150 + 211 + 212 \\ 652 &:= 2^6 + 6^3 + 10^1 + 19^2 + 27^0 = 26 + 63 + 101 + 192 + 270 \\ 652 &:= 2^6 + 7^2 + 8^3 + 21^0 + 26^1 = 26 + 72 + 83 + 210 + 261 \\ 652 &:= 2^6 + 7^3 + 15^2 + 19^1 + 21^0 = 26 + 73 + 152 + 191 + 210 \\ 652 &:= 2^7 + 10^1 + 10^1 + 20^1 + 22^2 = 27 + 101 + 101 + 201 + 222 \\ 652 &:= 2^7 + 10^1 + 11^1 + 19^1 + 22^2 = 27 + 101 + 111 + 191 + 222 \\ 652 &:= 2^7 + 10^1 + 12^1 + 18^1 + 22^2 = 27 + 101 + 121 + 181 + 222 \\ 652 &:= 2^7 + 10^1 + 13^1 + 17^1 + 22^2 = 27 + 101 + 131 + 171 + 222 \\ 652 &:= 2^7 + 10^1 + 14^1 + 16^1 + 22^2 = 27 + 101 + 141 + 161 + 222 \\ 652 &:= 2^7 + 10^1 + 15^1 + 15^1 + 22^2 = 27 + 101 + 151 + 151 + 222 \\ 652 &:= 2^7 + 11^1 + 11^1 + 18^1 + 22^2 = 27 + 111 + 111 + 181 + 222 \\ 652 &:= 2^7 + 11^1 + 12^1 + 17^1 + 22^2 = 27 + 111 + 121 + 171 + 222 \\ 652 &:= 2^7 + 11^1 + 13^1 + 16^1 + 22^2 = 27 + 111 + 131 + 161 + 222 \\ 652 &:= 2^7 + 11^1 + 14^1 + 15^1 + 22^2 = 27 + 111 + 141 + 151 + 222 \\ 652 &:= 2^7 + 11^1 + 16^2 + 16^2 + 19^0 = 27 + 111 + 162 + 162 + 190 \end{aligned}$$

$$\begin{aligned} 652 &:= 2^7 + 12^1 + 12^1 + 16^1 + 22^2 = 27 + 121 + 121 + 161 + 222 \\ 652 &:= 2^7 + 12^1 + 13^1 + 15^1 + 22^2 = 27 + 121 + 131 + 151 + 222 \\ 652 &:= 2^7 + 12^1 + 14^1 + 14^1 + 22^2 = 27 + 121 + 141 + 141 + 222 \\ 652 &:= 2^7 + 12^2 + 13^0 + 18^1 + 19^2 = 27 + 122 + 130 + 181 + 192 \\ 652 &:= 2^7 + 13^1 + 13^1 + 14^1 + 22^2 = 27 + 131 + 131 + 141 + 222 \\ 652 &:= 2^7 + 3^1 + 10^1 + 22^2 + 27^1 = 27 + 31 + 101 + 222 + 271 \\ 652 &:= 2^7 + 3^1 + 11^1 + 22^2 + 26^1 = 27 + 31 + 111 + 222 + 261 \\ 652 &:= 2^7 + 3^1 + 12^1 + 22^2 + 25^1 = 27 + 31 + 121 + 222 + 251 \\ 652 &:= 2^7 + 3^1 + 13^1 + 22^2 + 24^1 = 27 + 31 + 131 + 222 + 241 \\ 652 &:= 2^7 + 3^1 + 14^1 + 22^2 + 23^1 = 27 + 31 + 141 + 222 + 231 \\ 652 &:= 2^7 + 3^1 + 14^2 + 18^2 + 27^0 = 27 + 31 + 142 + 182 + 270 \\ 652 &:= 2^7 + 3^1 + 15^1 + 22^1 + 22^2 = 27 + 31 + 151 + 221 + 222 \\ 652 &:= 2^7 + 3^1 + 16^1 + 21^1 + 22^2 = 27 + 31 + 161 + 211 + 222 \\ 652 &:= 2^7 + 3^1 + 17^1 + 20^1 + 22^2 = 27 + 31 + 171 + 201 + 222 \\ 652 &:= 2^7 + 3^1 + 18^1 + 19^1 + 22^2 = 27 + 31 + 181 + 191 + 222 \\ 652 &:= 2^7 + 4^1 + 10^1 + 22^2 + 26^1 = 27 + 41 + 101 + 222 + 261 \\ 652 &:= 2^7 + 4^1 + 11^1 + 22^2 + 25^1 = 27 + 41 + 111 + 222 + 251 \\ 652 &:= 2^7 + 4^1 + 12^1 + 22^2 + 24^1 = 27 + 41 + 121 + 222 + 241 \\ 652 &:= 2^7 + 4^1 + 13^1 + 22^2 + 23^1 = 27 + 41 + 131 + 222 + 231 \\ 652 &:= 2^7 + 4^1 + 14^1 + 22^1 + 22^2 = 27 + 41 + 141 + 221 + 222 \\ 652 &:= 2^7 + 4^1 + 15^1 + 21^1 + 22^2 = 27 + 41 + 151 + 211 + 222 \\ 652 &:= 2^7 + 4^1 + 16^1 + 20^1 + 22^2 = 27 + 41 + 161 + 201 + 222 \\ 652 &:= 2^7 + 4^1 + 17^1 + 19^1 + 22^2 = 27 + 41 + 171 + 191 + 222 \\ 652 &:= 2^7 + 4^1 + 18^1 + 18^1 + 22^2 = 27 + 41 + 181 + 181 + 222 \\ 652 &:= 2^7 + 4^1 + 9^1 + 22^2 + 27^1 = 27 + 41 + 91 + 222 + 271 \\ 652 &:= 2^7 + 4^2 + 13^0 + 22^2 + 23^1 = 27 + 42 + 130 + 222 + 231 \\ 652 &:= 2^7 + 5^1 + 10^1 + 22^2 + 25^1 = 27 + 51 + 101 + 222 + 251 \\ 652 &:= 2^7 + 5^1 + 11^1 + 22^2 + 24^1 = 27 + 51 + 111 + 222 + 241 \\ 652 &:= 2^7 + 5^1 + 12^1 + 22^2 + 23^1 = 27 + 51 + 121 + 222 + 231 \\ 652 &:= 2^7 + 5^1 + 13^1 + 22^1 + 22^2 = 27 + 51 + 131 + 221 + 222 \\ 652 &:= 2^7 + 5^1 + 14^1 + 21^1 + 22^2 = 27 + 51 + 141 + 211 + 222 \\ 652 &:= 2^7 + 5^1 + 15^1 + 20^1 + 22^2 = 27 + 51 + 151 + 201 + 222 \\ 652 &:= 2^7 + 5^1 + 16^1 + 19^1 + 22^2 = 27 + 51 + 161 + 191 + 222 \\ 652 &:= 2^7 + 5^1 + 17^1 + 18^1 + 22^2 = 27 + 51 + 171 + 181 + 222 \\ 652 &:= 2^7 + 5^1 + 8^1 + 22^2 + 27^1 = 27 + 51 + 81 + 222 + 271 \\ 652 &:= 2^7 + 5^1 + 9^1 + 22^2 + 26^1 = 27 + 51 + 91 + 222 + 261 \\ 652 &:= 2^7 + 5^2 + 14^1 + 21^0 + 22^2 = 27 + 52 + 141 + 210 + 222 \\ 652 &:= 2^7 + 6^1 + 10^1 + 22^2 + 24^1 = 27 + 61 + 101 + 222 + 241 \end{aligned}$$

$$\begin{aligned} 652 &:= 2^7 + 6^1 + 11^1 + 22^2 + 23^1 = 27 + 61 + 111 + 222 + 231 \\ 652 &:= 2^7 + 6^1 + 12^1 + 22^1 + 22^2 = 27 + 61 + 121 + 221 + 222 \\ 652 &:= 2^7 + 6^1 + 13^1 + 21^1 + 22^2 = 27 + 61 + 131 + 211 + 222 \\ 652 &:= 2^7 + 6^1 + 14^1 + 20^1 + 22^2 = 27 + 61 + 141 + 201 + 222 \\ 652 &:= 2^7 + 6^1 + 15^1 + 19^1 + 22^2 = 27 + 61 + 151 + 191 + 222 \\ 652 &:= 2^7 + 6^1 + 16^1 + 18^1 + 22^2 = 27 + 61 + 161 + 181 + 222 \\ 652 &:= 2^7 + 6^1 + 17^1 + 17^1 + 22^2 = 27 + 61 + 171 + 171 + 222 \\ 652 &:= 2^7 + 6^1 + 7^1 + 22^2 + 27^1 = 27 + 61 + 71 + 222 + 271 \\ 652 &:= 2^7 + 6^1 + 8^1 + 22^2 + 26^1 = 27 + 61 + 81 + 222 + 261 \\ 652 &:= 2^7 + 6^1 + 9^1 + 22^2 + 25^1 = 27 + 61 + 91 + 222 + 251 \\ 652 &:= 2^7 + 7^1 + 10^1 + 22^2 + 23^1 = 27 + 71 + 101 + 222 + 231 \\ 652 &:= 2^7 + 7^1 + 11^1 + 22^1 + 22^2 = 27 + 71 + 111 + 221 + 222 \\ 652 &:= 2^7 + 7^1 + 12^1 + 21^1 + 22^2 = 27 + 71 + 121 + 211 + 222 \\ 652 &:= 2^7 + 7^1 + 13^1 + 20^1 + 22^2 = 27 + 71 + 131 + 201 + 222 \\ 652 &:= 2^7 + 7^1 + 14^1 + 19^1 + 22^2 = 27 + 71 + 141 + 191 + 222 \\ 652 &:= 2^7 + 7^1 + 15^1 + 18^1 + 22^2 = 27 + 71 + 151 + 181 + 222 \\ 652 &:= 2^7 + 7^1 + 16^1 + 17^1 + 22^2 = 27 + 71 + 161 + 171 + 222 \\ 652 &:= 2^7 + 7^1 + 7^1 + 22^2 + 26^1 = 27 + 71 + 71 + 222 + 261 \\ 652 &:= 2^7 + 7^1 + 8^1 + 22^2 + 25^1 = 27 + 71 + 81 + 222 + 251 \\ 652 &:= 2^7 + 7^1 + 9^1 + 22^2 + 24^1 = 27 + 71 + 91 + 222 + 241 \\ 652 &:= 2^7 + 8^1 + 10^1 + 22^1 + 22^2 = 27 + 81 + 101 + 221 + 222 \\ 652 &:= 2^7 + 8^1 + 11^1 + 21^1 + 22^2 = 27 + 81 + 111 + 211 + 222 \\ 652 &:= 2^7 + 8^1 + 12^1 + 20^1 + 22^2 = 27 + 81 + 121 + 201 + 222 \\ 652 &:= 2^7 + 8^1 + 13^1 + 19^1 + 22^2 = 27 + 81 + 131 + 191 + 222 \\ 652 &:= 2^7 + 8^1 + 14^1 + 18^1 + 22^2 = 27 + 81 + 141 + 181 + 222 \\ 652 &:= 2^7 + 8^1 + 15^1 + 17^1 + 22^2 = 27 + 81 + 151 + 171 + 222 \\ 652 &:= 2^7 + 8^1 + 16^1 + 16^1 + 22^2 = 27 + 81 + 161 + 161 + 222 \\ 652 &:= 2^7 + 8^1 + 8^1 + 22^2 + 24^1 = 27 + 81 + 81 + 222 + 241 \\ 652 &:= 2^7 + 8^1 + 9^1 + 22^2 + 23^1 = 27 + 81 + 91 + 222 + 231 \\ 652 &:= 2^7 + 8^2 + 15^0 + 18^1 + 21^2 = 27 + 82 + 150 + 181 + 212 \\ 652 &:= 2^7 + 9^0 + 10^2 + 20^2 + 23^1 = 27 + 90 + 102 + 202 + 231 \\ 652 &:= 2^7 + 9^1 + 10^1 + 21^1 + 22^2 = 27 + 91 + 101 + 211 + 222 \\ 652 &:= 2^7 + 9^1 + 11^1 + 20^1 + 22^2 = 27 + 91 + 111 + 201 + 222 \\ 652 &:= 2^7 + 9^1 + 12^1 + 19^1 + 22^2 = 27 + 91 + 121 + 191 + 222 \\ 652 &:= 2^7 + 9^1 + 13^1 + 18^1 + 22^2 = 27 + 91 + 131 + 181 + 222 \\ 652 &:= 2^7 + 9^1 + 14^1 + 17^1 + 22^2 = 27 + 91 + 141 + 171 + 222 \\ 652 &:= 2^7 + 9^1 + 15^1 + 16^1 + 22^2 = 27 + 91 + 151 + 161 + 222 \\ 652 &:= 2^7 + 9^1 + 15^2 + 17^2 + 21^0 = 27 + 91 + 152 + 172 + 210 \end{aligned}$$

$$\begin{aligned} 652 &:= 2^7 + 9^1 + 9^1 + 22^1 + 22^2 = 27 + 91 + 91 + 221 + 222 \\ 652 &:= 2^8 + 10^0 + 13^2 + 15^2 + 24^0 = 28 + 100 + 132 + 152 + 240 \\ 652 &:= 2^8 + 11^0 + 13^2 + 15^2 + 23^0 = 28 + 110 + 132 + 152 + 230 \\ 652 &:= 2^8 + 12^0 + 13^2 + 15^2 + 22^0 = 28 + 120 + 132 + 152 + 220 \\ 652 &:= 2^8 + 13^0 + 13^2 + 15^2 + 21^0 = 28 + 130 + 132 + 152 + 210 \\ 652 &:= 2^8 + 13^2 + 14^0 + 15^2 + 20^0 = 28 + 132 + 140 + 152 + 200 \\ 652 &:= 2^8 + 13^2 + 15^0 + 15^2 + 19^0 = 28 + 132 + 150 + 152 + 190 \\ 652 &:= 2^8 + 13^2 + 15^2 + 16^0 + 18^0 = 28 + 132 + 152 + 160 + 180 \\ 652 &:= 2^8 + 13^2 + 15^2 + 17^0 + 17^0 = 28 + 132 + 152 + 170 + 170 \\ 652 &:= 2^8 + 7^0 + 13^2 + 15^2 + 27^0 = 28 + 70 + 132 + 152 + 270 \\ 652 &:= 2^8 + 7^1 + 9^0 + 19^2 + 27^1 = 28 + 71 + 90 + 192 + 271 \\ 652 &:= 2^8 + 8^0 + 13^2 + 15^2 + 26^0 = 28 + 80 + 132 + 152 + 260 \\ 652 &:= 2^8 + 8^1 + 9^0 + 19^2 + 26^1 = 28 + 81 + 90 + 192 + 261 \\ 652 &:= 2^8 + 9^0 + 10^1 + 19^2 + 24^1 = 28 + 90 + 101 + 192 + 241 \\ 652 &:= 2^8 + 9^0 + 11^1 + 19^2 + 23^1 = 28 + 90 + 111 + 192 + 231 \\ 652 &:= 2^8 + 9^0 + 12^1 + 19^2 + 22^1 = 28 + 90 + 121 + 192 + 221 \\ 652 &:= 2^8 + 9^0 + 13^1 + 19^2 + 21^1 = 28 + 90 + 131 + 192 + 211 \\ 652 &:= 2^8 + 9^0 + 13^2 + 15^2 + 25^0 = 28 + 90 + 132 + 152 + 250 \\ 652 &:= 2^8 + 9^0 + 14^1 + 19^2 + 20^1 = 28 + 90 + 141 + 192 + 201 \\ 652 &:= 2^8 + 9^0 + 15^1 + 19^1 + 19^2 = 28 + 90 + 151 + 191 + 192 \\ 652 &:= 2^8 + 9^0 + 16^1 + 18^1 + 19^2 = 28 + 90 + 161 + 181 + 192 \\ 652 &:= 2^8 + 9^0 + 17^1 + 17^1 + 19^2 = 28 + 90 + 171 + 171 + 192 \\ 652 &:= 2^8 + 9^0 + 9^1 + 19^2 + 25^1 = 28 + 90 + 91 + 192 + 251 \\ 652 &:= 2^9 + 10^0 + 11^2 + 17^1 + 24^0 = 29 + 100 + 112 + 171 + 240 \\ 652 &:= 2^9 + 11^0 + 11^2 + 17^1 + 23^0 = 29 + 110 + 112 + 171 + 230 \\ 652 &:= 2^9 + 11^2 + 12^0 + 17^1 + 22^0 = 29 + 112 + 120 + 171 + 220 \\ 652 &:= 2^9 + 11^2 + 13^0 + 17^1 + 21^0 = 29 + 112 + 130 + 171 + 210 \\ 652 &:= 2^9 + 11^2 + 14^0 + 17^1 + 20^0 = 29 + 112 + 140 + 171 + 200 \\ 652 &:= 2^9 + 11^2 + 15^0 + 17^1 + 19^0 = 29 + 112 + 150 + 171 + 190 \\ 652 &:= 2^9 + 11^2 + 16^0 + 17^1 + 18^0 = 29 + 112 + 160 + 171 + 180 \\ 652 &:= 2^9 + 11^2 + 17^0 + 17^0 + 17^1 = 29 + 112 + 170 + 170 + 171 \\ 652 &:= 2^9 + 7^0 + 11^2 + 17^1 + 27^0 = 29 + 70 + 112 + 171 + 270 \\ 652 &:= 2^9 + 8^0 + 11^2 + 17^1 + 26^0 = 29 + 80 + 112 + 171 + 260 \\ 652 &:= 2^9 + 9^0 + 11^2 + 17^1 + 25^0 = 29 + 90 + 112 + 171 + 250 \\ 652 &:= 3^4 + 4^3 + 15^2 + 16^2 + 26^1 = 34 + 43 + 152 + 162 + 261 \\ 652 &:= 3^5 + 4^2 + 7^3 + 23^1 + 27^1 = 35 + 42 + 73 + 231 + 271 \\ 652 &:= 3^5 + 4^2 + 7^3 + 24^1 + 26^1 = 35 + 42 + 73 + 241 + 261 \\ 652 &:= 3^5 + 4^2 + 7^3 + 25^1 + 25^1 = 35 + 42 + 73 + 251 + 251 \end{aligned}$$

2.2.554 Number 653

$653 := 13^0 + 25^2 + 27^1$	$= 130 + 252 + 271$	$653 := 1^8 + 14^0 + 14^1 + 14^2 + 21^2 = 18 + 140 + 141 + 142 + 212$
$653 := 1^0 + 13^0 + 25^2 + 26^1$	$= 10 + 130 + 252 + 261$	$653 := 1^8 + 2^0 + 15^2 + 20^2 + 26^1 = 18 + 20 + 152 + 202 + 261$
$653 := 1^8 + 5^4 + 26^1 + 32^0$	$= 18 + 54 + 261 + 320$	$653 := 1^8 + 2^2 + 14^0 + 22^1 + 25^2 = 18 + 22 + 140 + 221 + 252$
$653 := 2^0 + 12^0 + 25^2 + 26^1$	$= 20 + 120 + 252 + 261$	$653 := 1^8 + 3^1 + 18^2 + 18^2 + 24^0 = 18 + 31 + 182 + 182 + 240$
$653 := 2^9 + 5^3 + 15^1 + 42^0$	$= 29 + 53 + 151 + 420$	$653 := 1^8 + 3^2 + 17^1 + 18^0 + 25^2 = 18 + 32 + 171 + 180 + 252$
$653 := 3^0 + 11^0 + 25^2 + 26^1$	$= 30 + 110 + 252 + 261$	$653 := 1^8 + 4^2 + 10^1 + 24^0 + 25^2 = 18 + 42 + 101 + 240 + 252$
$653 := 4^0 + 10^0 + 25^2 + 26^1$	$= 40 + 100 + 252 + 261$	$653 := 1^8 + 5^4 + 10^0 + 23^0 + 25^1 = 18 + 54 + 100 + 230 + 251$
$653 := 5^0 + 9^0 + 25^2 + 26^1$	$= 50 + 90 + 252 + 261$	$653 := 1^8 + 5^4 + 11^0 + 22^0 + 25^1 = 18 + 54 + 110 + 220 + 251$
$653 := 6^0 + 8^0 + 25^2 + 26^1$	$= 60 + 80 + 252 + 261$	$653 := 1^8 + 5^4 + 12^0 + 21^0 + 25^1 = 18 + 54 + 120 + 210 + 251$
$653 := 7^0 + 7^0 + 25^2 + 26^1$	$= 70 + 70 + 252 + 261$	$653 := 1^8 + 5^4 + 13^0 + 20^0 + 25^1 = 18 + 54 + 130 + 200 + 251$
$653 := 1^0 + 1^0 + 13^0 + 25^1 + 25^2$	$= 10 + 10 + 130 + 251 + 252$	$653 := 1^8 + 5^4 + 14^0 + 19^0 + 25^1 = 18 + 54 + 140 + 190 + 251$
$653 := 1^0 + 1^9 + 17^2 + 19^2 + 26^0$	$= 10 + 19 + 172 + 192 + 260$	$653 := 1^8 + 5^4 + 15^0 + 18^0 + 25^1 = 18 + 54 + 150 + 180 + 251$
$653 := 1^0 + 2^0 + 12^0 + 25^1 + 25^2$	$= 10 + 20 + 120 + 251 + 252$	$653 := 1^8 + 5^4 + 16^0 + 17^0 + 25^1 = 18 + 54 + 160 + 170 + 251$
$653 := 1^0 + 3^0 + 11^0 + 25^1 + 25^2$	$= 10 + 30 + 110 + 251 + 252$	$653 := 1^8 + 5^4 + 6^0 + 25^1 + 27^0 = 18 + 54 + 60 + 251 + 270$
$653 := 1^0 + 4^0 + 10^0 + 25^1 + 25^2$	$= 10 + 40 + 100 + 251 + 252$	$653 := 1^8 + 5^4 + 7^0 + 25^1 + 26^0 = 18 + 54 + 70 + 251 + 260$
$653 := 1^0 + 5^0 + 9^0 + 25^1 + 25^2$	$= 10 + 50 + 90 + 251 + 252$	$653 := 1^8 + 5^4 + 8^0 + 25^0 + 25^1 = 18 + 54 + 80 + 250 + 251$
$653 := 1^0 + 6^0 + 8^0 + 25^1 + 25^2$	$= 10 + 60 + 80 + 251 + 252$	$653 := 1^8 + 5^4 + 9^0 + 24^0 + 25^1 = 18 + 54 + 90 + 240 + 251$
$653 := 1^0 + 7^0 + 7^0 + 25^1 + 25^2$	$= 10 + 70 + 70 + 251 + 252$	$653 := 1^8 + 6^0 + 12^2 + 22^2 + 23^1 = 18 + 60 + 122 + 222 + 231$
$653 := 1^1 + 1^8 + 17^2 + 19^2 + 26^0$	$= 11 + 18 + 172 + 192 + 260$	$653 := 1^8 + 6^0 + 7^2 + 24^2 + 26^1 = 18 + 60 + 72 + 242 + 261$
$653 := 1^1 + 1^9 + 12^0 + 25^1 + 25^2$	$= 11 + 19 + 120 + 251 + 252$	$653 := 1^8 + 8^0 + 10^2 + 22^1 + 23^2 = 18 + 80 + 102 + 221 + 232$
$653 := 1^2 + 1^7 + 17^2 + 19^2 + 26^0$	$= 12 + 17 + 172 + 192 + 260$	$653 := 1^8 + 8^2 + 11^1 + 20^0 + 24^2 = 18 + 82 + 111 + 200 + 242$
$653 := 1^2 + 1^8 + 12^0 + 25^1 + 25^2$	$= 12 + 18 + 120 + 251 + 252$	$653 := 1^9 + 1^9 + 15^2 + 20^2 + 26^1 = 19 + 19 + 152 + 202 + 261$
$653 := 1^3 + 1^6 + 17^2 + 19^2 + 26^0$	$= 13 + 16 + 172 + 192 + 260$	$653 := 1^9 + 10^0 + 11^2 + 19^0 + 23^2 = 19 + 100 + 112 + 190 + 232$
$653 := 1^3 + 1^7 + 12^0 + 25^1 + 25^2$	$= 13 + 17 + 120 + 251 + 252$	$653 := 1^9 + 10^0 + 17^0 + 17^2 + 19^2 = 19 + 100 + 170 + 172 + 192$
$653 := 1^4 + 1^5 + 17^2 + 19^2 + 26^0$	$= 14 + 15 + 172 + 192 + 260$	$653 := 1^9 + 10^1 + 12^0 + 16^1 + 25^2 = 19 + 101 + 120 + 161 + 252$
$653 := 1^4 + 1^6 + 12^0 + 25^1 + 25^2$	$= 14 + 16 + 120 + 251 + 252$	$653 := 1^9 + 11^0 + 11^2 + 18^0 + 23^2 = 19 + 110 + 112 + 180 + 232$
$653 := 1^4 + 2^6 + 11^1 + 24^2 + 26^0$	$= 14 + 26 + 111 + 242 + 260$	$653 := 1^9 + 11^0 + 16^0 + 17^2 + 19^2 = 19 + 110 + 160 + 172 + 192$
$653 := 1^5 + 1^5 + 12^0 + 25^1 + 25^2$	$= 15 + 15 + 120 + 251 + 252$	$653 := 1^9 + 11^1 + 12^0 + 15^1 + 25^2 = 19 + 111 + 120 + 151 + 252$
$653 := 1^6 + 2^4 + 10^1 + 25^2 + 26^0$	$= 16 + 24 + 101 + 252 + 260$	$653 := 1^9 + 11^2 + 12^0 + 17^0 + 23^2 = 19 + 112 + 120 + 170 + 232$
$653 := 1^7 + 11^2 + 13^2 + 19^2 + 20^0$	$= 17 + 112 + 132 + 192 + 200$	$653 := 1^9 + 11^2 + 13^0 + 16^0 + 23^2 = 19 + 112 + 130 + 160 + 232$
$653 := 1^7 + 2^3 + 18^0 + 18^1 + 25^2$	$= 17 + 23 + 180 + 181 + 252$	$653 := 1^9 + 11^2 + 14^0 + 15^0 + 23^2 = 19 + 112 + 140 + 150 + 232$
$653 := 1^7 + 4^3 + 11^1 + 24^0 + 24^2$	$= 17 + 43 + 111 + 240 + 242$	$653 := 1^9 + 12^0 + 12^1 + 14^1 + 25^2 = 19 + 120 + 121 + 141 + 252$
$653 := 1^7 + 5^2 + 5^4 + 26^0 + 27^0$	$= 17 + 52 + 54 + 260 + 270$	$653 := 1^9 + 12^0 + 13^1 + 13^1 + 25^2 = 19 + 120 + 131 + 131 + 252$
$653 := 1^7 + 7^3 + 17^2 + 19^1 + 20^0$	$= 17 + 73 + 172 + 191 + 200$	$653 := 1^9 + 12^0 + 15^0 + 17^2 + 19^2 = 19 + 120 + 150 + 172 + 192$
$653 := 1^7 + 8^3 + 11^2 + 18^1 + 26^0$	$= 17 + 83 + 112 + 181 + 260$	$653 := 1^9 + 13^0 + 14^0 + 17^2 + 19^2 = 19 + 130 + 140 + 172 + 192$

$$\begin{aligned} 653 &:= 1^9 + 2^0 + 11^2 + 23^2 + 27^0 = 19 + 20 + 112 + 232 + 270 & 653 &:= 2^0 + 4^0 + 9^0 + 25^1 + 25^2 = 20 + 40 + 90 + 251 + 252 \\ 653 &:= 1^9 + 2^0 + 17^2 + 19^2 + 25^0 = 19 + 20 + 172 + 192 + 250 & 653 &:= 2^0 + 5^0 + 8^0 + 25^1 + 25^2 = 20 + 50 + 80 + 251 + 252 \\ 653 &:= 1^9 + 2^1 + 12^0 + 24^1 + 25^2 = 19 + 21 + 120 + 241 + 252 & 653 &:= 2^0 + 6^0 + 7^0 + 25^1 + 25^2 = 20 + 60 + 70 + 251 + 252 \\ 653 &:= 1^9 + 3^0 + 11^2 + 23^2 + 26^0 = 19 + 30 + 112 + 232 + 260 & 653 &:= 2^3 + 2^6 + 16^2 + 18^2 + 26^0 = 23 + 26 + 162 + 182 + 260 \\ 653 &:= 1^9 + 3^0 + 17^2 + 19^2 + 24^0 = 19 + 30 + 172 + 192 + 240 & 653 &:= 2^5 + 2^5 + 12^1 + 24^0 + 24^2 = 25 + 25 + 121 + 240 + 242 \\ 653 &:= 1^9 + 3^1 + 12^0 + 23^1 + 25^2 = 19 + 31 + 120 + 231 + 252 & 653 &:= 2^5 + 3^4 + 8^3 + 24^0 + 27^1 = 25 + 34 + 83 + 240 + 271 \\ 653 &:= 1^9 + 4^0 + 11^2 + 23^2 + 25^0 = 19 + 40 + 112 + 232 + 250 & 653 &:= 2^5 + 3^5 + 16^1 + 19^2 + 24^0 = 25 + 35 + 161 + 192 + 240 \\ 653 &:= 1^9 + 4^0 + 17^2 + 19^2 + 23^0 = 19 + 40 + 172 + 192 + 230 & 653 &:= 2^6 + 3^4 + 14^0 + 22^2 + 23^1 = 26 + 34 + 140 + 222 + 231 \\ 653 &:= 1^9 + 4^1 + 12^0 + 22^1 + 25^2 = 19 + 41 + 120 + 221 + 252 & 653 &:= 2^7 + 10^2 + 10^2 + 18^2 + 24^0 = 27 + 102 + 102 + 182 + 240 \\ 653 &:= 1^9 + 5^0 + 11^2 + 23^2 + 24^0 = 19 + 50 + 112 + 232 + 240 & 653 &:= 2^7 + 3^3 + 13^1 + 22^2 + 24^0 = 27 + 33 + 131 + 222 + 240 \\ 653 &:= 1^9 + 5^0 + 17^2 + 19^2 + 22^0 = 19 + 50 + 172 + 192 + 220 & 653 &:= 2^7 + 4^3 + 18^0 + 19^1 + 21^2 = 27 + 43 + 180 + 191 + 212 \\ 653 &:= 1^9 + 5^1 + 12^0 + 21^1 + 25^2 = 19 + 51 + 120 + 211 + 252 & 653 &:= 2^7 + 6^3 + 17^2 + 19^1 + 20^0 = 27 + 63 + 172 + 191 + 200 \\ 653 &:= 1^9 + 5^2 + 10^0 + 23^0 + 25^2 = 19 + 52 + 100 + 230 + 252 & 653 &:= 2^8 + 11^2 + 16^0 + 16^2 + 19^1 = 28 + 112 + 160 + 162 + 191 \\ 653 &:= 1^9 + 5^2 + 11^0 + 22^0 + 25^2 = 19 + 52 + 110 + 220 + 252 & 653 &:= 2^8 + 3^2 + 14^0 + 19^2 + 26^1 = 28 + 32 + 140 + 192 + 261 \\ 653 &:= 1^9 + 5^2 + 12^0 + 21^0 + 25^2 = 19 + 52 + 120 + 210 + 252 & 653 &:= 2^8 + 4^2 + 19^1 + 19^2 + 20^0 = 28 + 42 + 191 + 192 + 200 \\ 653 &:= 1^9 + 5^2 + 13^0 + 20^0 + 25^2 = 19 + 52 + 130 + 200 + 252 & 653 &:= 2^8 + 7^2 + 14^0 + 18^2 + 23^1 = 28 + 72 + 140 + 182 + 231 \\ 653 &:= 1^9 + 5^2 + 14^0 + 19^0 + 25^2 = 19 + 52 + 140 + 190 + 252 & 653 &:= 2^8 + 8^0 + 12^2 + 15^2 + 27^1 = 28 + 80 + 122 + 152 + 271 \\ 653 &:= 1^9 + 5^2 + 15^0 + 18^0 + 25^2 = 19 + 52 + 150 + 180 + 252 & 653 &:= 2^8 + 9^2 + 10^0 + 17^2 + 26^1 = 28 + 92 + 100 + 172 + 261 \\ 653 &:= 1^9 + 5^2 + 16^0 + 17^0 + 25^2 = 19 + 52 + 160 + 170 + 252 & 653 &:= 2^9 + 10^2 + 12^0 + 13^1 + 27^1 = 29 + 102 + 120 + 131 + 271 \\ 653 &:= 1^9 + 5^2 + 6^0 + 25^2 + 27^0 = 19 + 52 + 60 + 252 + 270 & 653 &:= 2^9 + 10^2 + 12^0 + 14^1 + 26^1 = 29 + 102 + 120 + 141 + 261 \\ 653 &:= 1^9 + 5^2 + 7^0 + 25^2 + 26^0 = 19 + 52 + 70 + 252 + 260 & 653 &:= 2^9 + 10^2 + 12^0 + 15^1 + 25^1 = 29 + 102 + 120 + 151 + 251 \\ 653 &:= 1^9 + 5^2 + 8^0 + 25^0 + 25^2 = 19 + 52 + 80 + 250 + 252 & 653 &:= 2^9 + 10^2 + 12^0 + 16^1 + 24^1 = 29 + 102 + 120 + 161 + 241 \\ 653 &:= 1^9 + 5^2 + 9^0 + 24^0 + 25^2 = 19 + 52 + 90 + 240 + 252 & 653 &:= 2^9 + 10^2 + 12^0 + 17^1 + 23^1 = 29 + 102 + 120 + 171 + 231 \\ 653 &:= 1^9 + 6^0 + 11^2 + 23^0 + 23^2 = 19 + 60 + 112 + 230 + 232 & 653 &:= 2^9 + 10^2 + 12^0 + 18^1 + 22^1 = 29 + 102 + 120 + 181 + 221 \\ 653 &:= 1^9 + 6^0 + 17^2 + 19^2 + 21^0 = 19 + 60 + 172 + 192 + 210 & 653 &:= 2^9 + 10^2 + 12^0 + 19^1 + 21^1 = 29 + 102 + 120 + 191 + 211 \\ 653 &:= 1^9 + 6^1 + 12^0 + 20^1 + 25^2 = 19 + 61 + 120 + 201 + 252 & 653 &:= 2^9 + 10^2 + 12^0 + 20^1 + 20^1 = 29 + 102 + 120 + 201 + 201 \\ 653 &:= 1^9 + 7^0 + 11^2 + 22^0 + 23^2 = 19 + 70 + 112 + 220 + 232 & 653 &:= 2^9 + 5^3 + 14^1 + 16^0 + 27^0 = 29 + 53 + 141 + 160 + 270 \\ 653 &:= 1^9 + 7^0 + 17^2 + 19^2 + 20^0 = 19 + 70 + 172 + 192 + 200 & 653 &:= 2^9 + 5^3 + 14^1 + 17^0 + 26^0 = 29 + 53 + 141 + 170 + 260 \\ 653 &:= 1^9 + 7^1 + 12^0 + 19^1 + 25^2 = 19 + 71 + 120 + 191 + 252 & 653 &:= 2^9 + 5^3 + 14^1 + 18^0 + 25^0 = 29 + 53 + 141 + 180 + 250 \\ 653 &:= 1^9 + 8^0 + 11^2 + 21^0 + 23^2 = 19 + 80 + 112 + 210 + 232 & 653 &:= 2^9 + 5^3 + 14^1 + 19^0 + 24^0 = 29 + 53 + 141 + 190 + 240 \\ 653 &:= 1^9 + 8^0 + 17^2 + 19^0 + 19^2 = 19 + 80 + 172 + 190 + 192 & 653 &:= 2^9 + 5^3 + 14^1 + 20^0 + 23^0 = 29 + 53 + 141 + 200 + 230 \\ 653 &:= 1^9 + 8^1 + 12^0 + 18^1 + 25^2 = 19 + 81 + 120 + 181 + 252 & 653 &:= 2^9 + 5^3 + 14^1 + 21^0 + 22^0 = 29 + 53 + 141 + 210 + 220 \\ 653 &:= 1^9 + 9^0 + 11^2 + 20^0 + 23^2 = 19 + 90 + 112 + 200 + 232 & 653 &:= 3^0 + 3^0 + 9^0 + 25^1 + 25^2 = 30 + 30 + 90 + 251 + 252 \\ 653 &:= 1^9 + 9^0 + 17^2 + 18^0 + 19^2 = 19 + 90 + 172 + 180 + 192 & 653 &:= 3^0 + 4^0 + 8^0 + 25^1 + 25^2 = 30 + 40 + 80 + 251 + 252 \\ 653 &:= 1^9 + 9^1 + 12^0 + 17^1 + 25^2 = 19 + 91 + 120 + 171 + 252 & 653 &:= 3^0 + 5^0 + 7^0 + 25^1 + 25^2 = 30 + 50 + 70 + 251 + 252 \\ 653 &:= 2^0 + 2^0 + 11^0 + 25^1 + 25^2 = 20 + 20 + 110 + 251 + 252 & 653 &:= 3^0 + 6^0 + 6^0 + 25^1 + 25^2 = 30 + 60 + 60 + 251 + 252 \\ 653 &:= 2^0 + 2^8 + 7^3 + 26^1 + 27^1 = 20 + 28 + 73 + 261 + 271 & 653 &:= 3^5 + 3^5 + 12^2 + 22^1 + 24^0 = 35 + 35 + 122 + 221 + 240 \\ 653 &:= 2^0 + 3^0 + 10^0 + 25^1 + 25^2 = 20 + 30 + 100 + 251 + 252 & 653 &:= 4^0 + 4^0 + 7^0 + 25^1 + 25^2 = 40 + 40 + 70 + 251 + 252 \end{aligned}$$

$$653 := 4^0 + 5^0 + 6^0 + 25^1 + 25^2 = 40 + 50 + 60 + 251 + 252$$

$$653 := 5^0 + 5^0 + 5^0 + 25^1 + 25^2 = 50 + 50 + 50 + 251 + 252$$

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$654 := 13^2 + 22^2 + 30^0 = 132 + 222 + 300$	$654 := 1^0 + 8^1 + 12^0 + 19^1 + 25^2 = 10 + 81 + 120 + 191 + 252$
$654 := 1^1 + 12^0 + 25^2 + 27^1 = 11 + 120 + 252 + 271$	$654 := 1^0 + 9^1 + 12^0 + 18^1 + 25^2 = 10 + 91 + 120 + 181 + 252$
$654 := 1^2 + 2^8 + 7^3 + 54^1 = 12 + 28 + 73 + 541$	$654 := 1^1 + 1^8 + 15^2 + 20^2 + 27^1 = 11 + 18 + 152 + 202 + 271$
$654 := 1^7 + 3^3 + 5^4 + 55^0 = 17 + 33 + 54 + 550$	$654 := 1^1 + 2^0 + 11^0 + 25^2 + 26^1 = 11 + 20 + 110 + 252 + 261$
$654 := 1^8 + 6^3 + 20^2 + 37^1 = 18 + 63 + 202 + 371$	$654 := 1^1 + 2^8 + 7^3 + 27^1 + 27^1 = 11 + 28 + 73 + 271 + 271$
$654 := 1^9 + 15^2 + 20^2 + 28^1 = 19 + 152 + 202 + 281$	$654 := 1^1 + 3^0 + 10^0 + 25^2 + 26^1 = 11 + 30 + 100 + 252 + 261$
$654 := 1^9 + 3^3 + 25^2 + 35^0 = 19 + 33 + 252 + 350$	$654 := 1^1 + 4^0 + 9^0 + 25^2 + 26^1 = 11 + 40 + 90 + 252 + 261$
$654 := 1^9 + 5^4 + 27^1 + 31^0 = 19 + 54 + 271 + 310$	$654 := 1^1 + 5^0 + 8^0 + 25^2 + 26^1 = 11 + 50 + 80 + 252 + 261$
$654 := 10^1 + 12^0 + 18^1 + 25^2 = 101 + 120 + 181 + 252$	$654 := 1^1 + 6^0 + 7^0 + 25^2 + 26^1 = 11 + 60 + 70 + 252 + 261$
$654 := 11^1 + 12^0 + 17^1 + 25^2 = 111 + 120 + 171 + 252$	$654 := 1^2 + 1^7 + 15^2 + 20^2 + 27^1 = 12 + 17 + 152 + 202 + 271$
$654 := 12^0 + 12^1 + 16^1 + 25^2 = 120 + 121 + 161 + 252$	$654 := 1^2 + 1^9 + 11^0 + 25^2 + 26^1 = 12 + 19 + 110 + 252 + 261$
$654 := 12^0 + 13^1 + 15^1 + 25^2 = 120 + 131 + 151 + 252$	$654 := 1^3 + 1^6 + 15^2 + 20^2 + 27^1 = 13 + 16 + 152 + 202 + 271$
$654 := 12^0 + 14^1 + 14^1 + 25^2 = 120 + 141 + 141 + 252$	$654 := 1^3 + 1^8 + 11^0 + 25^2 + 26^1 = 13 + 18 + 110 + 252 + 261$
$654 := 2^1 + 12^0 + 25^2 + 26^1 = 21 + 120 + 252 + 261$	$654 := 1^4 + 1^5 + 15^2 + 20^2 + 27^1 = 14 + 15 + 152 + 202 + 271$
$654 := 2^9 + 4^2 + 5^3 + 53^0 = 29 + 42 + 53 + 530$	$654 := 1^4 + 1^7 + 11^0 + 25^2 + 26^1 = 14 + 17 + 110 + 252 + 261$
$654 := 3^1 + 12^0 + 25^1 + 25^2 = 31 + 120 + 251 + 252$	$654 := 1^5 + 1^6 + 11^0 + 25^2 + 26^1 = 15 + 16 + 110 + 252 + 261$
$654 := 4^1 + 12^0 + 24^1 + 25^2 = 41 + 120 + 241 + 252$	$654 := 1^5 + 2^4 + 13^2 + 21^2 + 27^1 = 15 + 24 + 132 + 212 + 271$
$654 := 5^1 + 12^0 + 23^1 + 25^2 = 51 + 120 + 231 + 252$	$654 := 1^5 + 2^6 + 12^1 + 24^2 + 25^0 = 15 + 26 + 121 + 242 + 250$
$654 := 6^1 + 12^0 + 22^1 + 25^2 = 61 + 120 + 221 + 252$	$654 := 1^5 + 3^4 + 16^2 + 17^2 + 27^1 = 15 + 34 + 162 + 172 + 271$
$654 := 7^1 + 12^0 + 21^1 + 25^2 = 71 + 120 + 211 + 252$	$654 := 1^6 + 4^3 + 11^2 + 21^2 + 27^1 = 16 + 43 + 112 + 212 + 271$
$654 := 8^1 + 12^0 + 20^1 + 25^2 = 81 + 120 + 201 + 252$	$654 := 1^7 + 11^2 + 16^2 + 16^2 + 20^1 = 17 + 112 + 162 + 162 + 201$
$654 := 9^1 + 12^0 + 19^1 + 25^2 = 91 + 120 + 191 + 252$	$654 := 1^7 + 2^4 + 11^1 + 25^0 + 25^2 = 17 + 24 + 111 + 250 + 252$
$654 := 1^0 + 1^1 + 12^0 + 25^2 + 26^1 = 10 + 11 + 120 + 252 + 261$	$654 := 1^7 + 3^3 + 15^2 + 20^2 + 25^0 = 17 + 33 + 152 + 202 + 250$
$654 := 1^0 + 1^9 + 15^2 + 20^2 + 27^1 = 10 + 19 + 152 + 202 + 271$	$654 := 1^7 + 4^2 + 17^2 + 18^2 + 24^1 = 17 + 42 + 172 + 182 + 241$
$654 := 1^0 + 10^1 + 12^0 + 17^1 + 25^2 = 10 + 101 + 120 + 171 + 252$	$654 := 1^7 + 4^2 + 9^2 + 23^2 + 27^1 = 17 + 42 + 92 + 232 + 271$
$654 := 1^0 + 11^1 + 12^0 + 16^1 + 25^2 = 10 + 111 + 120 + 161 + 252$	$654 := 1^7 + 6^3 + 10^1 + 20^2 + 27^1 = 17 + 63 + 101 + 202 + 271$
$654 := 1^0 + 12^0 + 12^1 + 15^1 + 25^2 = 10 + 120 + 121 + 151 + 252$	$654 := 1^7 + 6^3 + 11^1 + 20^2 + 26^1 = 17 + 63 + 111 + 202 + 261$
$654 := 1^0 + 12^0 + 13^1 + 14^1 + 25^2 = 10 + 120 + 131 + 141 + 252$	$654 := 1^7 + 6^3 + 12^1 + 20^2 + 25^1 = 17 + 63 + 121 + 202 + 251$
$654 := 1^0 + 2^1 + 12^0 + 25^1 + 25^2 = 10 + 21 + 120 + 251 + 252$	$654 := 1^7 + 6^3 + 13^1 + 20^2 + 24^1 = 17 + 63 + 131 + 202 + 241$
$654 := 1^0 + 3^1 + 12^0 + 24^1 + 25^2 = 10 + 31 + 120 + 241 + 252$	$654 := 1^7 + 6^3 + 14^1 + 20^2 + 23^1 = 17 + 63 + 141 + 202 + 231$
$654 := 1^0 + 4^1 + 12^0 + 23^1 + 25^2 = 10 + 41 + 120 + 231 + 252$	$654 := 1^7 + 6^3 + 15^1 + 20^2 + 22^1 = 17 + 63 + 151 + 202 + 221$
$654 := 1^0 + 5^1 + 12^0 + 22^1 + 25^2 = 10 + 51 + 120 + 221 + 252$	$654 := 1^7 + 6^3 + 16^1 + 20^2 + 21^1 = 17 + 63 + 161 + 202 + 211$
$654 := 1^0 + 6^1 + 12^0 + 21^1 + 25^2 = 10 + 61 + 120 + 211 + 252$	$654 := 1^7 + 6^3 + 17^1 + 20^1 + 20^2 = 17 + 63 + 171 + 201 + 202$
$654 := 1^0 + 7^1 + 12^0 + 20^1 + 25^2 = 10 + 71 + 120 + 201 + 252$	$654 := 1^7 + 6^3 + 18^1 + 19^1 + 20^2 = 17 + 63 + 181 + 191 + 202$

$$\begin{aligned} 654 &:= 1^7 + 7^2 + 7^2 + 23^2 + 26^1 = 17 + 72 + 72 + 232 + 261 \\ 654 &:= 1^7 + 8^2 + 9^2 + 22^2 + 24^1 = 17 + 82 + 92 + 222 + 241 \\ 654 &:= 1^8 + 10^1 + 15^2 + 18^1 + 20^2 = 18 + 101 + 152 + 181 + 202 \\ 654 &:= 1^8 + 11^1 + 15^2 + 17^1 + 20^2 = 18 + 111 + 152 + 171 + 202 \\ 654 &:= 1^8 + 12^1 + 15^2 + 16^1 + 20^2 = 18 + 121 + 152 + 161 + 202 \\ 654 &:= 1^8 + 13^1 + 15^1 + 15^2 + 20^2 = 18 + 131 + 151 + 152 + 202 \\ 654 &:= 1^8 + 14^1 + 14^1 + 15^2 + 20^2 = 18 + 141 + 141 + 152 + 202 \\ 654 &:= 1^8 + 2^1 + 15^2 + 20^2 + 26^1 = 18 + 21 + 152 + 202 + 261 \\ 654 &:= 1^8 + 2^2 + 18^2 + 18^2 + 25^0 = 18 + 22 + 182 + 182 + 250 \\ 654 &:= 1^8 + 2^3 + 17^0 + 19^1 + 25^2 = 18 + 23 + 170 + 191 + 252 \\ 654 &:= 1^8 + 3^1 + 15^2 + 20^2 + 25^1 = 18 + 31 + 152 + 202 + 251 \\ 654 &:= 1^8 + 4^1 + 15^2 + 20^2 + 24^1 = 18 + 41 + 152 + 202 + 241 \\ 654 &:= 1^8 + 4^3 + 12^1 + 23^0 + 24^2 = 18 + 43 + 121 + 230 + 242 \\ 654 &:= 1^8 + 5^1 + 15^2 + 20^2 + 23^1 = 18 + 51 + 152 + 202 + 231 \\ 654 &:= 1^8 + 6^1 + 15^2 + 20^2 + 22^1 = 18 + 61 + 152 + 202 + 221 \\ 654 &:= 1^8 + 7^1 + 15^2 + 20^2 + 21^1 = 18 + 71 + 152 + 202 + 211 \\ 654 &:= 1^8 + 7^3 + 17^2 + 19^0 + 20^1 = 18 + 73 + 172 + 190 + 201 \\ 654 &:= 1^8 + 8^1 + 15^2 + 20^1 + 20^2 = 18 + 81 + 152 + 201 + 202 \\ 654 &:= 1^8 + 8^3 + 11^2 + 19^1 + 25^0 = 18 + 83 + 112 + 191 + 250 \\ 654 &:= 1^8 + 9^1 + 15^2 + 19^1 + 20^2 = 18 + 91 + 152 + 191 + 202 \\ 654 &:= 1^9 + 13^0 + 14^2 + 15^1 + 21^2 = 19 + 130 + 142 + 151 + 212 \\ 654 &:= 1^9 + 2^1 + 11^2 + 23^2 + 27^0 = 19 + 21 + 112 + 232 + 270 \\ 654 &:= 1^9 + 2^1 + 17^2 + 19^2 + 25^0 = 19 + 21 + 172 + 192 + 250 \\ 654 &:= 1^9 + 2^2 + 13^0 + 23^1 + 25^2 = 19 + 22 + 130 + 231 + 252 \\ 654 &:= 1^9 + 3^2 + 17^0 + 18^1 + 25^2 = 19 + 32 + 170 + 181 + 252 \\ 654 &:= 1^9 + 4^1 + 18^2 + 18^2 + 23^0 = 19 + 41 + 182 + 182 + 230 \\ 654 &:= 1^9 + 4^2 + 11^1 + 23^0 + 25^2 = 19 + 42 + 111 + 230 + 252 \\ 654 &:= 1^9 + 5^0 + 12^2 + 22^2 + 24^1 = 19 + 50 + 122 + 222 + 241 \\ 654 &:= 1^9 + 5^0 + 5^4 + 26^1 + 27^0 = 19 + 50 + 54 + 261 + 270 \\ 654 &:= 1^9 + 5^0 + 7^2 + 24^2 + 27^1 = 19 + 50 + 72 + 242 + 271 \\ 654 &:= 1^9 + 5^4 + 10^0 + 22^0 + 26^1 = 19 + 54 + 100 + 220 + 261 \\ 654 &:= 1^9 + 5^4 + 11^0 + 21^0 + 26^1 = 19 + 54 + 110 + 210 + 261 \\ 654 &:= 1^9 + 5^4 + 12^0 + 20^0 + 26^1 = 19 + 54 + 120 + 200 + 261 \\ 654 &:= 1^9 + 5^4 + 13^0 + 19^0 + 26^1 = 19 + 54 + 130 + 190 + 261 \\ 654 &:= 1^9 + 5^4 + 14^0 + 18^0 + 26^1 = 19 + 54 + 140 + 180 + 261 \\ 654 &:= 1^9 + 5^4 + 15^0 + 17^0 + 26^1 = 19 + 54 + 150 + 170 + 261 \\ 654 &:= 1^9 + 5^4 + 16^0 + 16^0 + 26^1 = 19 + 54 + 160 + 160 + 261 \\ 654 &:= 1^9 + 5^4 + 6^0 + 26^0 + 26^1 = 19 + 54 + 60 + 260 + 261 \end{aligned}$$

$$\begin{aligned} 654 &:= 1^9 + 5^4 + 7^0 + 25^0 + 26^1 = 19 + 54 + 70 + 250 + 261 \\ 654 &:= 1^9 + 5^4 + 8^0 + 24^0 + 26^1 = 19 + 54 + 80 + 240 + 261 \\ 654 &:= 1^9 + 5^4 + 9^0 + 23^0 + 26^1 = 19 + 54 + 90 + 230 + 261 \\ 654 &:= 1^9 + 7^0 + 10^2 + 23^1 + 23^2 = 19 + 70 + 102 + 231 + 232 \\ 654 &:= 1^9 + 8^2 + 12^1 + 19^0 + 24^2 = 19 + 82 + 121 + 190 + 242 \\ 654 &:= 2^0 + 10^1 + 11^0 + 17^1 + 25^2 = 20 + 101 + 110 + 171 + 252 \\ 654 &:= 2^0 + 11^0 + 11^1 + 16^1 + 25^2 = 20 + 110 + 111 + 161 + 252 \\ 654 &:= 2^0 + 11^0 + 12^1 + 15^1 + 25^2 = 20 + 110 + 121 + 151 + 252 \\ 654 &:= 2^0 + 11^0 + 13^1 + 14^1 + 25^2 = 20 + 110 + 131 + 141 + 252 \\ 654 &:= 2^0 + 2^1 + 11^0 + 25^1 + 25^2 = 20 + 21 + 110 + 251 + 252 \\ 654 &:= 2^0 + 3^1 + 11^0 + 24^1 + 25^2 = 20 + 31 + 110 + 241 + 252 \\ 654 &:= 2^0 + 4^1 + 11^0 + 23^1 + 25^2 = 20 + 41 + 110 + 231 + 252 \\ 654 &:= 2^0 + 5^1 + 11^0 + 22^1 + 25^2 = 20 + 51 + 110 + 221 + 252 \\ 654 &:= 2^0 + 6^1 + 11^0 + 21^1 + 25^2 = 20 + 61 + 110 + 211 + 252 \\ 654 &:= 2^0 + 7^1 + 11^0 + 20^1 + 25^2 = 20 + 71 + 110 + 201 + 252 \\ 654 &:= 2^0 + 8^1 + 11^0 + 19^1 + 25^2 = 20 + 81 + 110 + 191 + 252 \\ 654 &:= 2^0 + 9^1 + 11^0 + 18^1 + 25^2 = 20 + 91 + 110 + 181 + 252 \\ 654 &:= 2^1 + 2^8 + 7^3 + 26^1 + 27^1 = 21 + 28 + 73 + 261 + 271 \\ 654 &:= 2^1 + 3^0 + 10^0 + 25^1 + 25^2 = 21 + 30 + 100 + 251 + 252 \\ 654 &:= 2^1 + 4^0 + 9^0 + 25^1 + 25^2 = 21 + 40 + 90 + 251 + 252 \\ 654 &:= 2^1 + 5^0 + 8^0 + 25^1 + 25^2 = 21 + 50 + 80 + 251 + 252 \\ 654 &:= 2^1 + 6^0 + 7^0 + 25^1 + 25^2 = 21 + 60 + 70 + 251 + 252 \\ 654 &:= 2^4 + 2^5 + 16^2 + 18^2 + 26^1 = 24 + 25 + 162 + 182 + 261 \\ 654 &:= 2^4 + 2^7 + 13^0 + 22^2 + 25^1 = 24 + 27 + 130 + 222 + 251 \\ 654 &:= 2^4 + 3^5 + 7^3 + 25^1 + 27^1 = 24 + 35 + 73 + 251 + 271 \\ 654 &:= 2^4 + 3^5 + 7^3 + 26^1 + 26^1 = 24 + 35 + 73 + 261 + 261 \\ 654 &:= 2^5 + 3^4 + 15^2 + 17^2 + 27^1 = 25 + 34 + 152 + 172 + 271 \\ 654 &:= 2^6 + 3^3 + 8^3 + 24^1 + 27^1 = 26 + 33 + 83 + 241 + 271 \\ 654 &:= 2^6 + 3^3 + 8^3 + 25^1 + 26^1 = 26 + 33 + 83 + 251 + 261 \\ 654 &:= 2^6 + 3^5 + 18^2 + 19^0 + 22^1 = 26 + 35 + 182 + 190 + 221 \\ 654 &:= 2^7 + 7^2 + 14^2 + 16^2 + 25^1 = 27 + 72 + 142 + 162 + 251 \\ 654 &:= 2^7 + 9^2 + 14^2 + 15^2 + 24^1 = 27 + 92 + 142 + 152 + 241 \\ 654 &:= 2^8 + 3^1 + 7^3 + 25^1 + 27^1 = 28 + 31 + 73 + 251 + 271 \\ 654 &:= 2^8 + 3^1 + 7^3 + 26^1 + 26^1 = 28 + 31 + 73 + 261 + 261 \\ 654 &:= 2^8 + 4^1 + 7^3 + 24^1 + 27^1 = 28 + 41 + 73 + 241 + 271 \\ 654 &:= 2^8 + 4^1 + 7^3 + 25^1 + 26^1 = 28 + 41 + 73 + 251 + 261 \\ 654 &:= 2^8 + 5^1 + 7^3 + 23^1 + 27^1 = 28 + 51 + 73 + 231 + 271 \\ 654 &:= 2^8 + 5^1 + 7^3 + 24^1 + 26^1 = 28 + 51 + 73 + 241 + 261 \end{aligned}$$

$$\begin{aligned} 654 &:= 2^8 + 5^1 + 7^3 + 25^1 + 25^1 = 28 + 51 + 73 + 251 + 251 & 654 &:= 2^8 + 7^3 + 13^1 + 18^1 + 24^1 = 28 + 73 + 131 + 181 + 241 \\ 654 &:= 2^8 + 5^3 + 16^1 + 16^2 + 25^0 = 28 + 53 + 161 + 162 + 250 & 654 &:= 2^8 + 7^3 + 13^1 + 19^1 + 23^1 = 28 + 73 + 131 + 191 + 231 \\ 654 &:= 2^8 + 6^1 + 7^3 + 22^1 + 27^1 = 28 + 61 + 73 + 221 + 271 & 654 &:= 2^8 + 7^3 + 13^1 + 20^1 + 22^1 = 28 + 73 + 131 + 201 + 221 \\ 654 &:= 2^8 + 6^1 + 7^3 + 23^1 + 26^1 = 28 + 61 + 73 + 231 + 261 & 654 &:= 2^8 + 7^3 + 13^1 + 21^1 + 21^1 = 28 + 73 + 131 + 211 + 211 \\ 654 &:= 2^8 + 6^1 + 7^3 + 24^1 + 25^1 = 28 + 61 + 73 + 241 + 251 & 654 &:= 2^8 + 7^3 + 14^1 + 14^1 + 27^1 = 28 + 73 + 141 + 141 + 271 \\ 654 &:= 2^8 + 6^2 + 11^1 + 18^2 + 27^1 = 28 + 62 + 111 + 182 + 271 & 654 &:= 2^8 + 7^3 + 14^1 + 15^1 + 26^1 = 28 + 73 + 141 + 151 + 261 \\ 654 &:= 2^8 + 6^2 + 12^1 + 18^2 + 26^1 = 28 + 62 + 121 + 182 + 261 & 654 &:= 2^8 + 7^3 + 14^1 + 16^1 + 25^1 = 28 + 73 + 141 + 161 + 251 \\ 654 &:= 2^8 + 6^2 + 13^1 + 18^2 + 25^1 = 28 + 62 + 131 + 182 + 251 & 654 &:= 2^8 + 7^3 + 14^1 + 17^1 + 24^1 = 28 + 73 + 141 + 171 + 241 \\ 654 &:= 2^8 + 6^2 + 14^1 + 18^2 + 24^1 = 28 + 62 + 141 + 182 + 241 & 654 &:= 2^8 + 7^3 + 14^1 + 18^1 + 23^1 = 28 + 73 + 141 + 181 + 231 \\ 654 &:= 2^8 + 6^2 + 15^1 + 18^2 + 23^1 = 28 + 62 + 151 + 182 + 231 & 654 &:= 2^8 + 7^3 + 14^1 + 19^1 + 22^1 = 28 + 73 + 141 + 191 + 221 \\ 654 &:= 2^8 + 6^2 + 16^1 + 18^2 + 22^1 = 28 + 62 + 161 + 182 + 221 & 654 &:= 2^8 + 7^3 + 14^1 + 20^1 + 21^1 = 28 + 73 + 141 + 201 + 211 \\ 654 &:= 2^8 + 6^2 + 17^1 + 18^2 + 21^1 = 28 + 62 + 171 + 182 + 211 & 654 &:= 2^8 + 7^3 + 15^1 + 15^1 + 25^1 = 28 + 73 + 151 + 151 + 251 \\ 654 &:= 2^8 + 6^2 + 18^1 + 18^2 + 20^1 = 28 + 62 + 181 + 182 + 201 & 654 &:= 2^8 + 7^3 + 15^1 + 16^1 + 24^1 = 28 + 73 + 151 + 161 + 241 \\ 654 &:= 2^8 + 6^2 + 18^2 + 19^1 + 19^1 = 28 + 62 + 182 + 191 + 191 & 654 &:= 2^8 + 7^3 + 15^1 + 17^1 + 23^1 = 28 + 73 + 151 + 171 + 231 \\ 654 &:= 2^8 + 7^1 + 7^3 + 21^1 + 27^1 = 28 + 71 + 73 + 211 + 271 & 654 &:= 2^8 + 7^3 + 15^1 + 18^1 + 22^1 = 28 + 73 + 151 + 181 + 221 \\ 654 &:= 2^8 + 7^1 + 7^3 + 22^1 + 26^1 = 28 + 71 + 73 + 221 + 261 & 654 &:= 2^8 + 7^3 + 15^1 + 19^1 + 21^1 = 28 + 73 + 151 + 191 + 211 \\ 654 &:= 2^8 + 7^1 + 7^3 + 23^1 + 25^1 = 28 + 71 + 73 + 231 + 251 & 654 &:= 2^8 + 7^3 + 15^1 + 20^1 + 20^1 = 28 + 73 + 151 + 201 + 201 \\ 654 &:= 2^8 + 7^1 + 7^3 + 24^1 + 24^1 = 28 + 71 + 73 + 241 + 241 & 654 &:= 2^8 + 7^3 + 16^1 + 16^1 + 23^1 = 28 + 73 + 161 + 161 + 231 \\ 654 &:= 2^8 + 7^3 + 10^1 + 18^1 + 27^1 = 28 + 73 + 101 + 181 + 271 & 654 &:= 2^8 + 7^3 + 16^1 + 17^1 + 22^1 = 28 + 73 + 161 + 171 + 221 \\ 654 &:= 2^8 + 7^3 + 10^1 + 19^1 + 26^1 = 28 + 73 + 101 + 191 + 261 & 654 &:= 2^8 + 7^3 + 16^1 + 18^1 + 21^1 = 28 + 73 + 161 + 181 + 211 \\ 654 &:= 2^8 + 7^3 + 10^1 + 20^1 + 25^1 = 28 + 73 + 101 + 201 + 251 & 654 &:= 2^8 + 7^3 + 16^1 + 19^1 + 20^1 = 28 + 73 + 161 + 191 + 201 \\ 654 &:= 2^8 + 7^3 + 10^1 + 21^1 + 24^1 = 28 + 73 + 101 + 211 + 241 & 654 &:= 2^8 + 7^3 + 17^1 + 17^1 + 21^1 = 28 + 73 + 171 + 171 + 211 \\ 654 &:= 2^8 + 7^3 + 10^1 + 22^1 + 23^1 = 28 + 73 + 101 + 221 + 231 & 654 &:= 2^8 + 7^3 + 17^1 + 18^1 + 20^1 = 28 + 73 + 171 + 181 + 201 \\ 654 &:= 2^8 + 7^3 + 11^1 + 17^1 + 27^1 = 28 + 73 + 111 + 171 + 271 & 654 &:= 2^8 + 7^3 + 17^1 + 19^1 + 19^1 = 28 + 73 + 171 + 191 + 191 \\ 654 &:= 2^8 + 7^3 + 11^1 + 18^1 + 26^1 = 28 + 73 + 111 + 181 + 261 & 654 &:= 2^8 + 7^3 + 18^1 + 18^1 + 19^1 = 28 + 73 + 181 + 181 + 191 \\ 654 &:= 2^8 + 7^3 + 11^1 + 19^1 + 25^1 = 28 + 73 + 111 + 191 + 251 & 654 &:= 2^8 + 7^3 + 8^1 + 20^1 + 27^1 = 28 + 73 + 81 + 201 + 271 \\ 654 &:= 2^8 + 7^3 + 11^1 + 20^1 + 24^1 = 28 + 73 + 111 + 201 + 241 & 654 &:= 2^8 + 7^3 + 8^1 + 21^1 + 26^1 = 28 + 73 + 81 + 211 + 261 \\ 654 &:= 2^8 + 7^3 + 11^1 + 21^1 + 23^1 = 28 + 73 + 111 + 211 + 231 & 654 &:= 2^8 + 7^3 + 8^1 + 22^1 + 25^1 = 28 + 73 + 81 + 221 + 251 \\ 654 &:= 2^8 + 7^3 + 11^1 + 22^1 + 22^1 = 28 + 73 + 111 + 221 + 221 & 654 &:= 2^8 + 7^3 + 8^1 + 23^1 + 24^1 = 28 + 73 + 81 + 231 + 241 \\ 654 &:= 2^8 + 7^3 + 12^1 + 16^1 + 27^1 = 28 + 73 + 121 + 161 + 271 & 654 &:= 2^8 + 7^3 + 9^1 + 19^1 + 27^1 = 28 + 73 + 91 + 191 + 271 \\ 654 &:= 2^8 + 7^3 + 12^1 + 17^1 + 26^1 = 28 + 73 + 121 + 171 + 261 & 654 &:= 2^8 + 7^3 + 9^1 + 20^1 + 26^1 = 28 + 73 + 91 + 201 + 261 \\ 654 &:= 2^8 + 7^3 + 12^1 + 18^1 + 25^1 = 28 + 73 + 121 + 181 + 251 & 654 &:= 2^8 + 7^3 + 9^1 + 21^1 + 25^1 = 28 + 73 + 91 + 211 + 251 \\ 654 &:= 2^8 + 7^3 + 12^1 + 19^1 + 24^1 = 28 + 73 + 121 + 191 + 241 & 654 &:= 2^8 + 7^3 + 9^1 + 22^1 + 24^1 = 28 + 73 + 91 + 221 + 241 \\ 654 &:= 2^8 + 7^3 + 12^1 + 20^1 + 23^1 = 28 + 73 + 121 + 201 + 231 & 654 &:= 2^8 + 7^3 + 9^1 + 23^1 + 23^1 = 28 + 73 + 91 + 231 + 231 \\ 654 &:= 2^8 + 7^3 + 12^1 + 21^1 + 22^1 = 28 + 73 + 121 + 211 + 221 & 654 &:= 2^9 + 4^2 + 10^2 + 23^0 + 25^1 = 29 + 42 + 102 + 230 + 251 \\ 654 &:= 2^8 + 7^3 + 13^1 + 15^1 + 27^1 = 28 + 73 + 131 + 151 + 271 & 654 &:= 2^9 + 6^2 + 9^2 + 23^0 + 24^1 = 29 + 62 + 92 + 230 + 241 \\ 654 &:= 2^8 + 7^3 + 13^1 + 16^1 + 26^1 = 28 + 73 + 131 + 161 + 261 & 654 &:= 3^0 + 10^0 + 10^1 + 17^1 + 25^2 = 30 + 100 + 101 + 171 + 252 \\ 654 &:= 2^8 + 7^3 + 13^1 + 17^1 + 25^1 = 28 + 73 + 131 + 171 + 251 & 654 &:= 3^0 + 10^0 + 11^1 + 16^1 + 25^2 = 30 + 100 + 111 + 161 + 252 \end{aligned}$$

$$\begin{aligned}
 654 &:= 3^0 + 10^0 + 12^1 + 15^1 + 25^2 = 30 + 100 + 121 + 151 + 252 \\
 654 &:= 3^0 + 10^0 + 13^1 + 14^1 + 25^2 = 30 + 100 + 131 + 141 + 252 \\
 654 &:= 3^0 + 3^1 + 10^0 + 24^1 + 25^2 = 30 + 31 + 100 + 241 + 252 \\
 654 &:= 3^0 + 4^1 + 10^0 + 23^1 + 25^2 = 30 + 41 + 100 + 231 + 252 \\
 654 &:= 3^0 + 5^1 + 10^0 + 22^1 + 25^2 = 30 + 51 + 100 + 221 + 252 \\
 654 &:= 3^0 + 6^1 + 10^0 + 21^1 + 25^2 = 30 + 61 + 100 + 211 + 252 \\
 654 &:= 3^0 + 7^1 + 10^0 + 20^1 + 25^2 = 30 + 71 + 100 + 201 + 252 \\
 654 &:= 3^0 + 8^1 + 10^0 + 19^1 + 25^2 = 30 + 81 + 100 + 191 + 252 \\
 654 &:= 3^0 + 9^1 + 10^0 + 18^1 + 25^2 = 30 + 91 + 100 + 181 + 252 \\
 654 &:= 3^1 + 4^0 + 9^0 + 24^1 + 25^2 = 31 + 40 + 90 + 241 + 252 \\
 654 &:= 3^1 + 5^0 + 8^0 + 24^1 + 25^2 = 31 + 50 + 80 + 241 + 252 \\
 654 &:= 3^1 + 6^0 + 7^0 + 24^1 + 25^2 = 31 + 60 + 70 + 241 + 252 \\
 654 &:= 3^5 + 3^5 + 11^2 + 20^1 + 27^1 = 35 + 35 + 112 + 201 + 271 \\
 654 &:= 3^5 + 3^5 + 11^2 + 21^1 + 26^1 = 35 + 35 + 112 + 211 + 261 \\
 654 &:= 3^5 + 3^5 + 11^2 + 22^1 + 25^1 = 35 + 35 + 112 + 221 + 251 \\
 654 &:= 3^5 + 3^5 + 11^2 + 23^1 + 24^1 = 35 + 35 + 112 + 231 + 241 \\
 654 &:= 4^0 + 4^1 + 9^0 + 23^1 + 25^2 = 40 + 41 + 90 + 231 + 252 \\
 654 &:= 4^0 + 5^1 + 9^0 + 22^1 + 25^2 = 40 + 51 + 90 + 221 + 252 \\
 654 &:= 4^0 + 6^1 + 9^0 + 21^1 + 25^2 = 40 + 61 + 90 + 211 + 252 \\
 654 &:= 4^0 + 7^1 + 9^0 + 20^1 + 25^2 = 40 + 71 + 90 + 201 + 252 \\
 654 &:= 4^0 + 8^1 + 9^0 + 19^1 + 25^2 = 40 + 81 + 90 + 191 + 252 \\
 654 &:= 4^0 + 9^0 + 10^1 + 17^1 + 25^2 = 40 + 90 + 101 + 171 + 252 \\
 654 &:= 4^0 + 9^0 + 11^1 + 16^1 + 25^2 = 40 + 90 + 111 + 161 + 252 \\
 654 &:= 4^0 + 9^0 + 12^1 + 15^1 + 25^2 = 40 + 90 + 121 + 151 + 252
 \end{aligned}$$

$$\begin{aligned}
 654 &:= 4^0 + 9^0 + 13^1 + 14^1 + 25^2 = 40 + 90 + 131 + 141 + 252 \\
 654 &:= 4^0 + 9^0 + 9^1 + 18^1 + 25^2 = 40 + 90 + 91 + 181 + 252 \\
 654 &:= 4^1 + 5^0 + 8^0 + 23^1 + 25^2 = 41 + 50 + 80 + 231 + 252 \\
 654 &:= 4^1 + 6^0 + 7^0 + 23^1 + 25^2 = 41 + 60 + 70 + 231 + 252 \\
 654 &:= 5^0 + 5^1 + 8^0 + 22^1 + 25^2 = 50 + 51 + 80 + 221 + 252 \\
 654 &:= 5^0 + 6^1 + 8^0 + 21^1 + 25^2 = 50 + 61 + 80 + 211 + 252 \\
 654 &:= 5^0 + 7^1 + 8^0 + 20^1 + 25^2 = 50 + 71 + 80 + 201 + 252 \\
 654 &:= 5^0 + 8^0 + 10^1 + 17^1 + 25^2 = 50 + 80 + 101 + 171 + 252 \\
 654 &:= 5^0 + 8^0 + 11^1 + 16^1 + 25^2 = 50 + 80 + 111 + 161 + 252 \\
 654 &:= 5^0 + 8^0 + 12^1 + 15^1 + 25^2 = 50 + 80 + 121 + 151 + 252 \\
 654 &:= 5^0 + 8^0 + 13^1 + 14^1 + 25^2 = 50 + 80 + 131 + 141 + 252 \\
 654 &:= 5^0 + 8^0 + 8^1 + 19^1 + 25^2 = 50 + 80 + 81 + 191 + 252 \\
 654 &:= 5^0 + 8^0 + 9^1 + 18^1 + 25^2 = 50 + 80 + 91 + 181 + 252 \\
 654 &:= 5^1 + 6^0 + 7^0 + 22^1 + 25^2 = 51 + 60 + 70 + 221 + 252 \\
 654 &:= 6^0 + 6^1 + 7^0 + 21^1 + 25^2 = 60 + 61 + 70 + 211 + 252 \\
 654 &:= 6^0 + 7^0 + 10^1 + 17^1 + 25^2 = 60 + 70 + 101 + 171 + 252 \\
 654 &:= 6^0 + 7^0 + 11^1 + 16^1 + 25^2 = 60 + 70 + 111 + 161 + 252 \\
 654 &:= 6^0 + 7^0 + 12^1 + 15^1 + 25^2 = 60 + 70 + 121 + 151 + 252 \\
 654 &:= 6^0 + 7^0 + 13^1 + 14^1 + 25^2 = 60 + 70 + 131 + 141 + 252 \\
 654 &:= 6^0 + 7^0 + 7^1 + 20^1 + 25^2 = 60 + 70 + 71 + 201 + 252 \\
 654 &:= 6^0 + 7^0 + 8^1 + 19^1 + 25^2 = 60 + 70 + 81 + 191 + 252 \\
 654 &:= 6^0 + 7^0 + 9^1 + 18^1 + 25^2 = 60 + 70 + 91 + 181 + 252
 \end{aligned}$$

2.2.556 Number 655

$$\begin{aligned}
 655 &:= 15^2 + 20^2 + 30^1 = 152 + 202 + 301 \\
 655 &:= 5^3 + 23^2 + 37^0 = 53 + 232 + 370 \\
 655 &:= 5^4 + 29^1 + 31^0 = 54 + 291 + 310 \\
 655 &:= 1^0 + 15^2 + 20^2 + 29^1 = 10 + 152 + 202 + 291 \\
 655 &:= 1^0 + 5^4 + 28^1 + 31^0 = 10 + 54 + 281 + 310 \\
 655 &:= 1^1 + 13^2 + 22^2 + 29^0 = 11 + 132 + 222 + 290 \\
 655 &:= 1^2 + 11^0 + 25^2 + 28^1 = 12 + 110 + 252 + 281 \\
 655 &:= 13^0 + 14^2 + 17^1 + 21^2 = 130 + 142 + 171 + 212 \\
 655 &:= 2^0 + 5^4 + 28^1 + 30^0 = 20 + 54 + 281 + 300 \\
 655 &:= 2^2 + 13^0 + 25^1 + 25^2 = 22 + 130 + 251 + 252 \\
 655 &:= 3^0 + 5^4 + 28^1 + 29^0 = 30 + 54 + 281 + 290 \\
 655 &:= 3^2 + 17^0 + 20^1 + 25^2 = 32 + 170 + 201 + 252
 \end{aligned}$$

$$\begin{aligned}
 655 &:= 4^0 + 5^4 + 28^0 + 28^1 = 40 + 54 + 280 + 281 \\
 655 &:= 4^1 + 11^2 + 23^2 + 27^0 = 41 + 112 + 232 + 270 \\
 655 &:= 4^1 + 17^2 + 19^2 + 25^0 = 41 + 172 + 192 + 250 \\
 655 &:= 4^1 + 5^2 + 25^2 + 31^0 = 41 + 52 + 252 + 310 \\
 655 &:= 4^2 + 13^1 + 23^0 + 25^2 = 42 + 131 + 230 + 252 \\
 655 &:= 5^0 + 12^2 + 22^2 + 26^1 = 50 + 122 + 222 + 261 \\
 655 &:= 5^0 + 5^4 + 27^0 + 28^1 = 50 + 54 + 270 + 281 \\
 655 &:= 5^0 + 7^2 + 24^2 + 29^1 = 50 + 72 + 242 + 291 \\
 655 &:= 5^4 + 10^0 + 22^0 + 28^1 = 54 + 100 + 220 + 281 \\
 655 &:= 5^4 + 11^0 + 21^0 + 28^1 = 54 + 110 + 210 + 281 \\
 655 &:= 5^4 + 12^0 + 20^0 + 28^1 = 54 + 120 + 200 + 281 \\
 655 &:= 5^4 + 13^0 + 19^0 + 28^1 = 54 + 130 + 190 + 281
 \end{aligned}$$

$$\begin{aligned}
 655 &:= 5^4 + 14^0 + 18^0 + 28^1 &= 54 + 140 + 180 + 281 & 655 &:= 1^0 + 5^4 + 7^0 + 25^0 + 27^1 &= 10 + 54 + 70 + 250 + 271 \\
 655 &:= 5^4 + 15^0 + 17^0 + 28^1 &= 54 + 150 + 170 + 281 & 655 &:= 1^0 + 5^4 + 8^0 + 24^0 + 27^1 &= 10 + 54 + 80 + 240 + 271 \\
 655 &:= 5^4 + 16^0 + 16^0 + 28^1 &= 54 + 160 + 160 + 281 & 655 &:= 1^0 + 5^4 + 9^0 + 23^0 + 27^1 &= 10 + 54 + 90 + 230 + 271 \\
 655 &:= 5^4 + 6^0 + 26^0 + 28^1 &= 54 + 60 + 260 + 281 & 655 &:= 1^0 + 7^0 + 10^2 + 23^2 + 24^1 &= 10 + 70 + 102 + 232 + 241 \\
 655 &:= 5^4 + 7^0 + 25^0 + 28^1 &= 54 + 70 + 250 + 281 & 655 &:= 1^0 + 8^2 + 13^1 + 19^0 + 24^2 &= 10 + 82 + 131 + 190 + 242 \\
 655 &:= 5^4 + 8^0 + 24^0 + 28^1 &= 54 + 80 + 240 + 281 & 655 &:= 1^1 + 1^1 + 11^0 + 25^2 + 27^1 &= 11 + 11 + 110 + 252 + 271 \\
 655 &:= 5^4 + 9^0 + 23^0 + 28^1 &= 54 + 90 + 230 + 281 & 655 &:= 1^1 + 10^1 + 11^0 + 18^1 + 25^2 &= 11 + 101 + 110 + 181 + 252 \\
 655 &:= 6^1 + 18^2 + 18^2 + 23^0 &= 61 + 182 + 182 + 230 & 655 &:= 1^1 + 11^0 + 11^1 + 17^1 + 25^2 &= 11 + 110 + 111 + 171 + 252 \\
 655 &:= 7^0 + 10^2 + 23^2 + 25^1 &= 70 + 102 + 232 + 251 & 655 &:= 1^1 + 11^0 + 12^1 + 16^1 + 25^2 &= 11 + 110 + 121 + 161 + 252 \\
 655 &:= 8^2 + 14^1 + 19^0 + 24^2 &= 82 + 141 + 190 + 242 & 655 &:= 1^1 + 11^0 + 13^1 + 15^1 + 25^2 &= 11 + 110 + 131 + 151 + 252 \\
 655 &:= 1^0 + 1^2 + 11^0 + 25^2 + 27^1 &= 10 + 12 + 110 + 252 + 271 & 655 &:= 1^1 + 11^0 + 14^1 + 14^1 + 25^2 &= 11 + 110 + 141 + 141 + 252 \\
 655 &:= 1^0 + 13^0 + 14^2 + 16^1 + 21^2 &= 10 + 130 + 142 + 161 + 212 & 655 &:= 1^1 + 2^1 + 11^0 + 25^2 + 26^1 &= 11 + 21 + 110 + 252 + 261 \\
 655 &:= 1^0 + 2^2 + 13^0 + 24^1 + 25^2 &= 10 + 22 + 130 + 241 + 252 & 655 &:= 1^1 + 3^1 + 11^0 + 25^1 + 25^2 &= 11 + 31 + 110 + 251 + 252 \\
 655 &:= 1^0 + 3^1 + 11^2 + 23^2 + 27^0 &= 10 + 31 + 112 + 232 + 270 & 655 &:= 1^1 + 4^1 + 11^0 + 24^1 + 25^2 &= 11 + 41 + 110 + 241 + 252 \\
 655 &:= 1^0 + 3^1 + 17^2 + 19^2 + 25^0 &= 10 + 31 + 172 + 192 + 250 & 655 &:= 1^1 + 5^1 + 11^0 + 23^1 + 25^2 &= 11 + 51 + 110 + 231 + 252 \\
 655 &:= 1^0 + 3^2 + 17^0 + 19^1 + 25^2 &= 10 + 32 + 170 + 191 + 252 & 655 &:= 1^1 + 6^1 + 11^0 + 22^1 + 25^2 &= 11 + 61 + 110 + 221 + 252 \\
 655 &:= 1^0 + 3^3 + 10^0 + 25^2 + 26^0 &= 10 + 33 + 100 + 252 + 260 & 655 &:= 1^1 + 7^1 + 11^0 + 21^1 + 25^2 &= 11 + 71 + 110 + 211 + 252 \\
 655 &:= 1^0 + 3^3 + 11^0 + 25^0 + 25^2 &= 10 + 33 + 110 + 250 + 252 & 655 &:= 1^1 + 8^1 + 11^0 + 20^1 + 25^2 &= 11 + 81 + 110 + 201 + 252 \\
 655 &:= 1^0 + 3^3 + 12^0 + 24^0 + 25^2 &= 10 + 33 + 120 + 240 + 252 & 655 &:= 1^1 + 9^1 + 11^0 + 19^1 + 25^2 &= 11 + 91 + 110 + 191 + 252 \\
 655 &:= 1^0 + 3^3 + 13^0 + 23^0 + 25^2 &= 10 + 33 + 130 + 230 + 252 & 655 &:= 1^2 + 2^0 + 10^0 + 25^2 + 27^1 &= 12 + 20 + 100 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 14^0 + 22^0 + 25^2 &= 10 + 33 + 140 + 220 + 252 & 655 &:= 1^2 + 3^0 + 9^0 + 25^2 + 27^1 &= 12 + 30 + 90 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 15^0 + 21^0 + 25^2 &= 10 + 33 + 150 + 210 + 252 & 655 &:= 1^2 + 4^0 + 8^0 + 25^2 + 27^1 &= 12 + 40 + 80 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 16^0 + 20^0 + 25^2 &= 10 + 33 + 160 + 200 + 252 & 655 &:= 1^2 + 5^0 + 7^0 + 25^2 + 27^1 &= 12 + 50 + 70 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 17^0 + 19^0 + 25^2 &= 10 + 33 + 170 + 190 + 252 & 655 &:= 1^2 + 6^0 + 6^0 + 25^2 + 27^1 &= 12 + 60 + 60 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 18^0 + 18^0 + 25^2 &= 10 + 33 + 180 + 180 + 252 & 655 &:= 1^3 + 1^9 + 10^0 + 25^2 + 27^1 &= 13 + 19 + 100 + 252 + 271 \\
 655 &:= 1^0 + 3^3 + 9^0 + 25^2 + 27^0 &= 10 + 33 + 90 + 252 + 270 & 655 &:= 1^4 + 1^8 + 10^0 + 25^2 + 27^1 &= 14 + 18 + 100 + 252 + 271 \\
 655 &:= 1^0 + 4^2 + 12^1 + 23^0 + 25^2 &= 10 + 42 + 121 + 230 + 252 & 655 &:= 1^5 + 1^7 + 10^0 + 25^2 + 27^1 &= 15 + 17 + 100 + 252 + 271 \\
 655 &:= 1^0 + 5^0 + 12^2 + 22^2 + 25^1 &= 10 + 50 + 122 + 222 + 251 & 655 &:= 1^6 + 1^6 + 10^0 + 25^2 + 27^1 &= 16 + 16 + 100 + 252 + 271 \\
 655 &:= 1^0 + 5^0 + 5^4 + 27^0 + 27^1 &= 10 + 50 + 54 + 270 + 271 & 655 &:= 1^6 + 2^6 + 13^1 + 24^0 + 24^2 &= 16 + 26 + 131 + 240 + 242 \\
 655 &:= 1^0 + 5^1 + 18^2 + 18^2 + 23^0 &= 10 + 51 + 182 + 182 + 230 & 655 &:= 1^7 + 2^4 + 14^2 + 21^2 + 26^0 &= 17 + 24 + 142 + 212 + 260 \\
 655 &:= 1^0 + 5^4 + 10^0 + 22^0 + 27^1 &= 10 + 54 + 100 + 220 + 271 & 655 &:= 1^8 + 2^4 + 12^1 + 24^0 + 25^2 &= 18 + 24 + 121 + 240 + 252 \\
 655 &:= 1^0 + 5^4 + 11^0 + 21^0 + 27^1 &= 10 + 54 + 110 + 210 + 271 & 655 &:= 1^9 + 2^3 + 16^0 + 20^1 + 25^2 &= 19 + 23 + 160 + 201 + 252 \\
 655 &:= 1^0 + 5^4 + 12^0 + 20^0 + 27^1 &= 10 + 54 + 120 + 200 + 271 & 655 &:= 1^9 + 4^2 + 14^2 + 21^2 + 24^0 &= 19 + 42 + 142 + 212 + 240 \\
 655 &:= 1^0 + 5^4 + 13^0 + 19^0 + 27^1 &= 10 + 54 + 130 + 190 + 271 & 655 &:= 1^9 + 4^3 + 13^1 + 22^0 + 24^2 &= 19 + 43 + 131 + 220 + 242 \\
 655 &:= 1^0 + 5^4 + 14^0 + 18^0 + 27^1 &= 10 + 54 + 140 + 180 + 271 & 655 &:= 1^9 + 5^2 + 12^2 + 22^2 + 24^0 &= 19 + 52 + 122 + 222 + 240 \\
 655 &:= 1^0 + 5^4 + 15^0 + 17^0 + 27^1 &= 10 + 54 + 150 + 170 + 271 & 655 &:= 1^9 + 6^2 + 16^2 + 19^2 + 22^0 &= 19 + 62 + 162 + 192 + 220 \\
 655 &:= 1^0 + 5^4 + 16^0 + 16^0 + 27^1 &= 10 + 54 + 160 + 160 + 271 & 655 &:= 1^9 + 7^3 + 17^2 + 18^0 + 21^1 &= 19 + 73 + 172 + 180 + 211 \\
 655 &:= 1^0 + 5^4 + 6^0 + 26^0 + 27^1 &= 10 + 54 + 60 + 260 + 271 & 655 &:= 1^9 + 8^3 + 11^2 + 20^1 + 24^0 &= 19 + 83 + 112 + 201 + 240
 \end{aligned}$$

$$\begin{aligned} 655 &:= 2^0 + 12^0 + 14^2 + 16^1 + 21^2 = 20 + 120 + 142 + 161 + 212 \\ 655 &:= 2^0 + 2^2 + 12^0 + 24^1 + 25^2 = 20 + 22 + 120 + 241 + 252 \\ 655 &:= 2^0 + 3^1 + 11^2 + 23^2 + 26^0 = 20 + 31 + 112 + 232 + 260 \\ 655 &:= 2^0 + 3^1 + 17^2 + 19^2 + 24^0 = 20 + 31 + 172 + 192 + 240 \\ 655 &:= 2^0 + 3^2 + 16^0 + 19^1 + 25^2 = 20 + 32 + 160 + 191 + 252 \\ 655 &:= 2^0 + 3^3 + 10^0 + 25^0 + 25^2 = 20 + 33 + 100 + 250 + 252 \\ 655 &:= 2^0 + 3^3 + 11^0 + 24^0 + 25^2 = 20 + 33 + 110 + 240 + 252 \\ 655 &:= 2^0 + 3^3 + 12^0 + 23^0 + 25^2 = 20 + 33 + 120 + 230 + 252 \\ 655 &:= 2^0 + 3^3 + 13^0 + 22^0 + 25^2 = 20 + 33 + 130 + 220 + 252 \\ 655 &:= 2^0 + 3^3 + 14^0 + 21^0 + 25^2 = 20 + 33 + 140 + 210 + 252 \\ 655 &:= 2^0 + 3^3 + 15^0 + 20^0 + 25^2 = 20 + 33 + 150 + 200 + 252 \\ 655 &:= 2^0 + 3^3 + 16^0 + 19^0 + 25^2 = 20 + 33 + 160 + 190 + 252 \\ 655 &:= 2^0 + 3^3 + 17^0 + 18^0 + 25^2 = 20 + 33 + 170 + 180 + 252 \\ 655 &:= 2^0 + 3^3 + 8^0 + 25^2 + 27^0 = 20 + 33 + 80 + 252 + 270 \\ 655 &:= 2^0 + 3^3 + 9^0 + 25^2 + 26^0 = 20 + 33 + 90 + 252 + 260 \\ 655 &:= 2^0 + 4^0 + 12^2 + 22^2 + 25^1 = 20 + 40 + 122 + 222 + 251 \\ 655 &:= 2^0 + 4^0 + 5^4 + 27^0 + 27^1 = 20 + 40 + 54 + 270 + 271 \\ 655 &:= 2^0 + 4^2 + 12^1 + 22^0 + 25^2 = 20 + 42 + 121 + 220 + 252 \\ 655 &:= 2^0 + 5^0 + 5^4 + 26^0 + 27^1 = 20 + 50 + 54 + 260 + 271 \\ 655 &:= 2^0 + 5^1 + 18^2 + 18^2 + 22^0 = 20 + 51 + 182 + 182 + 220 \\ 655 &:= 2^0 + 5^4 + 10^0 + 21^0 + 27^1 = 20 + 54 + 100 + 210 + 271 \\ 655 &:= 2^0 + 5^4 + 11^0 + 20^0 + 27^1 = 20 + 54 + 110 + 200 + 271 \\ 655 &:= 2^0 + 5^4 + 12^0 + 19^0 + 27^1 = 20 + 54 + 120 + 190 + 271 \\ 655 &:= 2^0 + 5^4 + 13^0 + 18^0 + 27^1 = 20 + 54 + 130 + 180 + 271 \\ 655 &:= 2^0 + 5^4 + 14^0 + 17^0 + 27^1 = 20 + 54 + 140 + 170 + 271 \\ 655 &:= 2^0 + 5^4 + 15^0 + 16^0 + 27^1 = 20 + 54 + 150 + 160 + 271 \\ 655 &:= 2^0 + 5^4 + 6^0 + 25^0 + 27^1 = 20 + 54 + 60 + 250 + 271 \\ 655 &:= 2^0 + 5^4 + 7^0 + 24^0 + 27^1 = 20 + 54 + 70 + 240 + 271 \\ 655 &:= 2^0 + 5^4 + 8^0 + 23^0 + 27^1 = 20 + 54 + 80 + 230 + 271 \\ 655 &:= 2^0 + 5^4 + 9^0 + 22^0 + 27^1 = 20 + 54 + 90 + 220 + 271 \\ 655 &:= 2^0 + 6^0 + 10^2 + 23^2 + 24^1 = 20 + 60 + 102 + 232 + 241 \\ 655 &:= 2^0 + 8^2 + 13^1 + 18^0 + 24^2 = 20 + 82 + 131 + 180 + 242 \\ 655 &:= 2^1 + 10^1 + 11^0 + 17^1 + 25^2 = 21 + 101 + 110 + 171 + 252 \\ 655 &:= 2^1 + 11^0 + 11^1 + 16^1 + 25^2 = 21 + 110 + 111 + 161 + 252 \\ 655 &:= 2^1 + 11^0 + 12^1 + 15^1 + 25^2 = 21 + 110 + 121 + 151 + 252 \\ 655 &:= 2^1 + 11^0 + 13^1 + 14^1 + 25^2 = 21 + 110 + 131 + 141 + 252 \\ 655 &:= 2^1 + 2^1 + 11^0 + 25^1 + 25^2 = 21 + 21 + 110 + 251 + 252 \\ 655 &:= 2^1 + 3^1 + 11^0 + 24^1 + 25^2 = 21 + 31 + 110 + 241 + 252 \\ 655 &:= 2^1 + 4^1 + 11^0 + 23^1 + 25^2 = 21 + 41 + 110 + 231 + 252 \\ 655 &:= 2^1 + 5^1 + 11^0 + 22^1 + 25^2 = 21 + 51 + 110 + 221 + 252 \\ 655 &:= 2^1 + 6^1 + 11^0 + 21^1 + 25^2 = 21 + 61 + 110 + 211 + 252 \\ 655 &:= 2^1 + 7^1 + 11^0 + 20^1 + 25^2 = 21 + 71 + 110 + 201 + 252 \\ 655 &:= 2^1 + 8^1 + 11^0 + 19^1 + 25^2 = 21 + 81 + 110 + 191 + 252 \\ 655 &:= 2^1 + 9^1 + 11^0 + 18^1 + 25^2 = 21 + 91 + 110 + 181 + 252 \\ 655 &:= 2^2 + 3^0 + 11^0 + 24^1 + 25^2 = 22 + 30 + 110 + 241 + 252 \\ 655 &:= 2^2 + 4^0 + 10^0 + 24^1 + 25^2 = 22 + 40 + 100 + 241 + 252 \\ 655 &:= 2^2 + 5^0 + 9^0 + 24^1 + 25^2 = 22 + 50 + 90 + 241 + 252 \\ 655 &:= 2^2 + 6^0 + 8^0 + 24^1 + 25^2 = 22 + 60 + 80 + 241 + 252 \\ 655 &:= 2^2 + 7^0 + 7^0 + 24^1 + 25^2 = 22 + 70 + 70 + 241 + 252 \\ 655 &:= 2^4 + 2^8 + 19^2 + 20^0 + 21^1 = 24 + 28 + 192 + 200 + 211 \\ 655 &:= 2^7 + 3^5 + 16^0 + 16^2 + 27^1 = 27 + 35 + 160 + 162 + 271 \\ 655 &:= 2^8 + 4^4 + 11^2 + 21^1 + 26^0 = 28 + 44 + 112 + 211 + 260 \\ 655 &:= 3^0 + 11^0 + 14^2 + 16^1 + 21^2 = 30 + 110 + 142 + 161 + 212 \\ 655 &:= 3^0 + 3^0 + 12^2 + 22^2 + 25^1 = 30 + 30 + 122 + 222 + 251 \\ 655 &:= 3^0 + 3^0 + 5^4 + 27^0 + 27^1 = 30 + 30 + 54 + 270 + 271 \\ 655 &:= 3^0 + 3^1 + 11^2 + 23^2 + 25^0 = 30 + 31 + 112 + 232 + 250 \\ 655 &:= 3^0 + 3^1 + 17^2 + 19^2 + 23^0 = 30 + 31 + 172 + 192 + 230 \\ 655 &:= 3^0 + 3^2 + 15^0 + 19^1 + 25^2 = 30 + 32 + 150 + 191 + 252 \\ 655 &:= 3^0 + 3^3 + 10^0 + 24^0 + 25^2 = 30 + 33 + 100 + 240 + 252 \\ 655 &:= 3^0 + 3^3 + 11^0 + 23^0 + 25^2 = 30 + 33 + 110 + 230 + 252 \\ 655 &:= 3^0 + 3^3 + 12^0 + 22^0 + 25^2 = 30 + 33 + 120 + 220 + 252 \\ 655 &:= 3^0 + 3^3 + 13^0 + 21^0 + 25^2 = 30 + 33 + 130 + 210 + 252 \\ 655 &:= 3^0 + 3^3 + 14^0 + 20^0 + 25^2 = 30 + 33 + 140 + 200 + 252 \\ 655 &:= 3^0 + 3^3 + 15^0 + 19^0 + 25^2 = 30 + 33 + 150 + 190 + 252 \\ 655 &:= 3^0 + 3^3 + 16^0 + 18^0 + 25^2 = 30 + 33 + 160 + 180 + 252 \\ 655 &:= 3^0 + 3^3 + 17^0 + 17^0 + 25^2 = 30 + 33 + 170 + 170 + 252 \\ 655 &:= 3^0 + 3^3 + 7^0 + 25^2 + 27^0 = 30 + 33 + 70 + 252 + 270 \\ 655 &:= 3^0 + 3^3 + 8^0 + 25^2 + 26^0 = 30 + 33 + 80 + 252 + 260 \\ 655 &:= 3^0 + 3^3 + 9^0 + 25^0 + 25^2 = 30 + 33 + 90 + 250 + 252 \\ 655 &:= 3^0 + 4^0 + 5^4 + 26^0 + 27^1 = 30 + 40 + 54 + 260 + 271 \\ 655 &:= 3^0 + 4^2 + 12^1 + 21^0 + 25^2 = 30 + 42 + 121 + 210 + 252 \\ 655 &:= 3^0 + 5^0 + 10^2 + 23^2 + 24^1 = 30 + 50 + 102 + 232 + 241 \\ 655 &:= 3^0 + 5^0 + 5^4 + 25^0 + 27^1 = 30 + 50 + 54 + 250 + 271 \\ 655 &:= 3^0 + 5^1 + 18^2 + 18^2 + 21^0 = 30 + 51 + 182 + 182 + 210 \\ 655 &:= 3^0 + 5^4 + 10^0 + 20^0 + 27^1 = 30 + 54 + 100 + 200 + 271 \\ 655 &:= 3^0 + 5^4 + 11^0 + 19^0 + 27^1 = 30 + 54 + 110 + 190 + 271 \end{aligned}$$

$$\begin{aligned} 655 &:= 3^0 + 5^4 + 12^0 + 18^0 + 27^1 = 30 + 54 + 120 + 180 + 271 \\ 655 &:= 3^0 + 5^4 + 13^0 + 17^0 + 27^1 = 30 + 54 + 130 + 170 + 271 \\ 655 &:= 3^0 + 5^4 + 14^0 + 16^0 + 27^1 = 30 + 54 + 140 + 160 + 271 \\ 655 &:= 3^0 + 5^4 + 15^0 + 15^0 + 27^1 = 30 + 54 + 150 + 150 + 271 \\ 655 &:= 3^0 + 5^4 + 6^0 + 24^0 + 27^1 = 30 + 54 + 60 + 240 + 271 \\ 655 &:= 3^0 + 5^4 + 7^0 + 23^0 + 27^1 = 30 + 54 + 70 + 230 + 271 \\ 655 &:= 3^0 + 5^4 + 8^0 + 22^0 + 27^1 = 30 + 54 + 80 + 220 + 271 \\ 655 &:= 3^0 + 5^4 + 9^0 + 21^0 + 27^1 = 30 + 54 + 90 + 210 + 271 \\ 655 &:= 3^0 + 8^2 + 13^1 + 17^0 + 24^2 = 30 + 82 + 131 + 170 + 242 \\ 655 &:= 3^1 + 10^0 + 11^2 + 18^0 + 23^2 = 31 + 100 + 112 + 180 + 232 \\ 655 &:= 3^1 + 10^0 + 16^0 + 17^2 + 19^2 = 31 + 100 + 160 + 172 + 192 \\ 655 &:= 3^1 + 10^1 + 11^0 + 16^1 + 25^2 = 31 + 101 + 110 + 161 + 252 \\ 655 &:= 3^1 + 11^0 + 11^1 + 15^1 + 25^2 = 31 + 110 + 111 + 151 + 252 \\ 655 &:= 3^1 + 11^0 + 11^2 + 17^0 + 23^2 = 31 + 110 + 112 + 170 + 232 \\ 655 &:= 3^1 + 11^0 + 12^1 + 14^1 + 25^2 = 31 + 110 + 121 + 141 + 252 \\ 655 &:= 3^1 + 11^0 + 13^1 + 13^1 + 25^2 = 31 + 110 + 131 + 131 + 252 \\ 655 &:= 3^1 + 11^0 + 15^0 + 17^2 + 19^2 = 31 + 110 + 150 + 172 + 192 \\ 655 &:= 3^1 + 11^2 + 12^0 + 16^0 + 23^2 = 31 + 112 + 120 + 160 + 232 \\ 655 &:= 3^1 + 11^2 + 13^0 + 15^0 + 23^2 = 31 + 112 + 130 + 150 + 232 \\ 655 &:= 3^1 + 11^2 + 14^0 + 14^0 + 23^2 = 31 + 112 + 140 + 140 + 232 \\ 655 &:= 3^1 + 12^0 + 14^0 + 17^2 + 19^2 = 31 + 120 + 140 + 172 + 192 \\ 655 &:= 3^1 + 13^0 + 13^0 + 17^2 + 19^2 = 31 + 130 + 130 + 172 + 192 \\ 655 &:= 3^1 + 3^1 + 11^0 + 23^1 + 25^2 = 31 + 31 + 110 + 231 + 252 \\ 655 &:= 3^1 + 4^0 + 11^2 + 23^2 + 24^0 = 31 + 40 + 112 + 232 + 240 \\ 655 &:= 3^1 + 4^0 + 17^2 + 19^2 + 22^0 = 31 + 40 + 172 + 192 + 220 \\ 655 &:= 3^1 + 4^1 + 11^0 + 22^1 + 25^2 = 31 + 41 + 110 + 221 + 252 \\ 655 &:= 3^1 + 5^0 + 11^2 + 23^0 + 23^2 = 31 + 50 + 112 + 230 + 232 \\ 655 &:= 3^1 + 5^0 + 17^2 + 19^2 + 21^0 = 31 + 50 + 172 + 192 + 210 \\ 655 &:= 3^1 + 5^0 + 5^2 + 25^2 + 27^0 = 31 + 50 + 52 + 252 + 270 \\ 655 &:= 3^1 + 5^1 + 11^0 + 21^1 + 25^2 = 31 + 51 + 110 + 211 + 252 \\ 655 &:= 3^1 + 5^2 + 10^0 + 22^0 + 25^2 = 31 + 52 + 100 + 220 + 252 \\ 655 &:= 3^1 + 5^2 + 11^0 + 21^0 + 25^2 = 31 + 52 + 110 + 210 + 252 \\ 655 &:= 3^1 + 5^2 + 12^0 + 20^0 + 25^2 = 31 + 52 + 120 + 200 + 252 \\ 655 &:= 3^1 + 5^2 + 13^0 + 19^0 + 25^2 = 31 + 52 + 130 + 190 + 252 \\ 655 &:= 3^1 + 5^2 + 14^0 + 18^0 + 25^2 = 31 + 52 + 140 + 180 + 252 \\ 655 &:= 3^1 + 5^2 + 15^0 + 17^0 + 25^2 = 31 + 52 + 150 + 170 + 252 \\ 655 &:= 3^1 + 5^2 + 16^0 + 16^0 + 25^2 = 31 + 52 + 160 + 160 + 252 \\ 655 &:= 3^1 + 5^2 + 6^0 + 25^2 + 26^0 = 31 + 52 + 60 + 252 + 260 \\ 655 &:= 3^1 + 5^2 + 7^0 + 25^0 + 25^2 = 31 + 52 + 70 + 250 + 252 \\ 655 &:= 3^1 + 5^2 + 8^0 + 24^0 + 25^2 = 31 + 52 + 80 + 240 + 252 \\ 655 &:= 3^1 + 5^2 + 9^0 + 23^0 + 25^2 = 31 + 52 + 90 + 230 + 252 \\ 655 &:= 3^1 + 6^0 + 11^2 + 22^0 + 23^2 = 31 + 60 + 112 + 220 + 232 \\ 655 &:= 3^1 + 6^0 + 17^2 + 19^2 + 20^0 = 31 + 60 + 172 + 192 + 200 \\ 655 &:= 3^1 + 6^1 + 11^0 + 20^1 + 25^2 = 31 + 61 + 110 + 201 + 252 \\ 655 &:= 3^1 + 7^0 + 11^2 + 21^0 + 23^2 = 31 + 70 + 112 + 210 + 232 \\ 655 &:= 3^1 + 7^0 + 17^2 + 19^0 + 19^2 = 31 + 70 + 172 + 190 + 192 \\ 655 &:= 3^1 + 7^1 + 11^0 + 19^1 + 25^2 = 31 + 71 + 110 + 191 + 252 \\ 655 &:= 3^1 + 8^0 + 11^2 + 20^0 + 23^2 = 31 + 80 + 112 + 200 + 232 \\ 655 &:= 3^1 + 8^0 + 17^2 + 18^0 + 19^2 = 31 + 80 + 172 + 180 + 192 \\ 655 &:= 3^1 + 8^1 + 11^0 + 18^1 + 25^2 = 31 + 81 + 110 + 181 + 252 \\ 655 &:= 3^1 + 9^0 + 11^2 + 19^0 + 23^2 = 31 + 90 + 112 + 190 + 232 \\ 655 &:= 3^1 + 9^0 + 17^0 + 17^2 + 19^2 = 31 + 90 + 170 + 172 + 192 \\ 655 &:= 3^1 + 9^1 + 11^0 + 17^1 + 25^2 = 31 + 91 + 110 + 171 + 252 \\ 655 &:= 3^2 + 4^0 + 14^0 + 19^1 + 25^2 = 32 + 40 + 140 + 191 + 252 \\ 655 &:= 3^2 + 5^0 + 13^0 + 19^1 + 25^2 = 32 + 50 + 130 + 191 + 252 \\ 655 &:= 3^2 + 6^0 + 12^0 + 19^1 + 25^2 = 32 + 60 + 120 + 191 + 252 \\ 655 &:= 3^2 + 7^0 + 11^0 + 19^1 + 25^2 = 32 + 70 + 110 + 191 + 252 \\ 655 &:= 3^2 + 8^0 + 10^0 + 19^1 + 25^2 = 32 + 80 + 100 + 191 + 252 \\ 655 &:= 3^2 + 9^0 + 9^0 + 19^1 + 25^2 = 32 + 90 + 90 + 191 + 252 \\ 655 &:= 3^3 + 10^0 + 10^0 + 17^0 + 25^2 = 33 + 100 + 100 + 170 + 252 \\ 655 &:= 3^3 + 10^0 + 11^0 + 16^0 + 25^2 = 33 + 100 + 110 + 160 + 252 \\ 655 &:= 3^3 + 10^0 + 12^0 + 15^0 + 25^2 = 33 + 100 + 120 + 150 + 252 \\ 655 &:= 3^3 + 10^0 + 13^0 + 14^0 + 25^2 = 33 + 100 + 130 + 140 + 252 \\ 655 &:= 3^3 + 11^0 + 11^0 + 15^0 + 25^2 = 33 + 110 + 110 + 150 + 252 \\ 655 &:= 3^3 + 11^0 + 12^0 + 14^0 + 25^2 = 33 + 110 + 120 + 140 + 252 \\ 655 &:= 3^3 + 11^0 + 13^0 + 13^0 + 25^2 = 33 + 110 + 130 + 130 + 252 \\ 655 &:= 3^3 + 12^0 + 12^0 + 13^0 + 25^2 = 33 + 120 + 120 + 130 + 252 \\ 655 &:= 3^3 + 4^0 + 10^0 + 23^0 + 25^2 = 33 + 40 + 100 + 230 + 252 \\ 655 &:= 3^3 + 4^0 + 11^0 + 22^0 + 25^2 = 33 + 40 + 110 + 220 + 252 \\ 655 &:= 3^3 + 4^0 + 12^0 + 21^0 + 25^2 = 33 + 40 + 120 + 210 + 252 \\ 655 &:= 3^3 + 4^0 + 13^0 + 20^0 + 25^2 = 33 + 40 + 130 + 200 + 252 \\ 655 &:= 3^3 + 4^0 + 14^0 + 19^0 + 25^2 = 33 + 40 + 140 + 190 + 252 \\ 655 &:= 3^3 + 4^0 + 15^0 + 18^0 + 25^2 = 33 + 40 + 150 + 180 + 252 \\ 655 &:= 3^3 + 4^0 + 16^0 + 17^0 + 25^2 = 33 + 40 + 160 + 170 + 252 \\ 655 &:= 3^3 + 4^0 + 6^0 + 25^2 + 27^0 = 33 + 40 + 60 + 252 + 270 \\ 655 &:= 3^3 + 4^0 + 7^0 + 25^2 + 26^0 = 33 + 40 + 70 + 252 + 260 \end{aligned}$$

$$\begin{aligned} 655 &:= 3^3 + 4^0 + 8^0 + 25^0 + 25^2 = 33 + 40 + 80 + 250 + 252 & 655 &:= 3^3 + 8^0 + 8^0 + 21^0 + 25^2 = 33 + 80 + 80 + 210 + 252 \\ 655 &:= 3^3 + 4^0 + 9^0 + 24^0 + 25^2 = 33 + 40 + 90 + 240 + 252 & 655 &:= 3^3 + 8^0 + 9^0 + 20^0 + 25^2 = 33 + 80 + 90 + 200 + 252 \\ 655 &:= 3^3 + 5^0 + 10^0 + 22^0 + 25^2 = 33 + 50 + 100 + 220 + 252 & 655 &:= 3^3 + 9^0 + 10^0 + 18^0 + 25^2 = 33 + 90 + 100 + 180 + 252 \\ 655 &:= 3^3 + 5^0 + 11^0 + 21^0 + 25^2 = 33 + 50 + 110 + 210 + 252 & 655 &:= 3^3 + 9^0 + 11^0 + 17^0 + 25^2 = 33 + 90 + 110 + 170 + 252 \\ 655 &:= 3^3 + 5^0 + 12^0 + 20^0 + 25^2 = 33 + 50 + 120 + 200 + 252 & 655 &:= 3^3 + 9^0 + 12^0 + 16^0 + 25^2 = 33 + 90 + 120 + 160 + 252 \\ 655 &:= 3^3 + 5^0 + 13^0 + 19^0 + 25^2 = 33 + 50 + 130 + 190 + 252 & 655 &:= 3^3 + 9^0 + 13^0 + 15^0 + 25^2 = 33 + 90 + 130 + 150 + 252 \\ 655 &:= 3^3 + 5^0 + 14^0 + 18^0 + 25^2 = 33 + 50 + 140 + 180 + 252 & 655 &:= 3^3 + 9^0 + 14^0 + 14^0 + 25^2 = 33 + 90 + 140 + 140 + 252 \\ 655 &:= 3^3 + 5^0 + 15^0 + 17^0 + 25^2 = 33 + 50 + 150 + 170 + 252 & 655 &:= 3^3 + 9^0 + 9^0 + 19^0 + 25^2 = 33 + 90 + 90 + 190 + 252 \\ 655 &:= 3^3 + 5^0 + 16^0 + 16^0 + 25^2 = 33 + 50 + 160 + 160 + 252 & 655 &:= 4^0 + 10^0 + 14^2 + 16^1 + 21^2 = 40 + 100 + 142 + 161 + 212 \\ 655 &:= 3^3 + 5^0 + 5^0 + 25^2 + 27^0 = 33 + 50 + 50 + 252 + 270 & 655 &:= 4^0 + 4^0 + 10^2 + 23^2 + 24^1 = 40 + 40 + 102 + 232 + 241 \\ 655 &:= 3^3 + 5^0 + 6^0 + 25^2 + 26^0 = 33 + 50 + 60 + 252 + 260 & 655 &:= 4^0 + 4^0 + 5^4 + 25^0 + 27^1 = 40 + 40 + 54 + 250 + 271 \\ 655 &:= 3^3 + 5^0 + 7^0 + 25^0 + 25^2 = 33 + 50 + 70 + 250 + 252 & 655 &:= 4^0 + 4^2 + 12^1 + 20^0 + 25^2 = 40 + 42 + 121 + 200 + 252 \\ 655 &:= 3^3 + 5^0 + 8^0 + 24^0 + 25^2 = 33 + 50 + 80 + 240 + 252 & 655 &:= 4^0 + 5^0 + 5^4 + 24^0 + 27^1 = 40 + 50 + 54 + 240 + 271 \\ 655 &:= 3^3 + 5^0 + 9^0 + 23^0 + 25^2 = 33 + 50 + 90 + 230 + 252 & 655 &:= 4^0 + 5^1 + 18^2 + 18^2 + 20^0 = 40 + 51 + 182 + 182 + 200 \\ 655 &:= 3^3 + 6^0 + 10^0 + 21^0 + 25^2 = 33 + 60 + 100 + 210 + 252 & 655 &:= 4^0 + 5^4 + 10^0 + 19^0 + 27^1 = 40 + 54 + 100 + 190 + 271 \\ 655 &:= 3^3 + 6^0 + 11^0 + 20^0 + 25^2 = 33 + 60 + 110 + 200 + 252 & 655 &:= 4^0 + 5^4 + 11^0 + 18^0 + 27^1 = 40 + 54 + 110 + 180 + 271 \\ 655 &:= 3^3 + 6^0 + 12^0 + 19^0 + 25^2 = 33 + 60 + 120 + 190 + 252 & 655 &:= 4^0 + 5^4 + 12^0 + 17^0 + 27^1 = 40 + 54 + 120 + 170 + 271 \\ 655 &:= 3^3 + 6^0 + 13^0 + 18^0 + 25^2 = 33 + 60 + 130 + 180 + 252 & 655 &:= 4^0 + 5^4 + 13^0 + 16^0 + 27^1 = 40 + 54 + 130 + 160 + 271 \\ 655 &:= 3^3 + 6^0 + 14^0 + 17^0 + 25^2 = 33 + 60 + 140 + 170 + 252 & 655 &:= 4^0 + 5^4 + 14^0 + 15^0 + 27^1 = 40 + 54 + 140 + 150 + 271 \\ 655 &:= 3^3 + 6^0 + 15^0 + 16^0 + 25^2 = 33 + 60 + 150 + 160 + 252 & 655 &:= 4^0 + 5^4 + 6^0 + 23^0 + 27^1 = 40 + 54 + 60 + 230 + 271 \\ 655 &:= 3^3 + 6^0 + 6^0 + 25^0 + 25^2 = 33 + 60 + 60 + 250 + 252 & 655 &:= 4^0 + 5^4 + 7^0 + 22^0 + 27^1 = 40 + 54 + 70 + 220 + 271 \\ 655 &:= 3^3 + 6^0 + 7^0 + 24^0 + 25^2 = 33 + 60 + 70 + 240 + 252 & 655 &:= 4^0 + 5^4 + 8^0 + 21^0 + 27^1 = 40 + 54 + 80 + 210 + 271 \\ 655 &:= 3^3 + 6^0 + 8^0 + 23^0 + 25^2 = 33 + 60 + 80 + 230 + 252 & 655 &:= 4^0 + 5^4 + 9^0 + 20^0 + 27^1 = 40 + 54 + 90 + 200 + 271 \\ 655 &:= 3^3 + 6^0 + 9^0 + 22^0 + 25^2 = 33 + 60 + 90 + 220 + 252 & 655 &:= 4^0 + 8^2 + 13^1 + 16^0 + 24^2 = 40 + 82 + 131 + 160 + 242 \\ 655 &:= 3^3 + 7^0 + 10^0 + 20^0 + 25^2 = 33 + 70 + 100 + 200 + 252 & 655 &:= 4^1 + 10^1 + 11^0 + 15^1 + 25^2 = 41 + 101 + 110 + 151 + 252 \\ 655 &:= 3^3 + 7^0 + 11^0 + 19^0 + 25^2 = 33 + 70 + 110 + 190 + 252 & 655 &:= 4^1 + 11^0 + 11^1 + 14^1 + 25^2 = 41 + 110 + 111 + 141 + 252 \\ 655 &:= 3^3 + 7^0 + 12^0 + 18^0 + 25^2 = 33 + 70 + 120 + 180 + 252 & 655 &:= 4^1 + 11^0 + 12^1 + 13^1 + 25^2 = 41 + 110 + 121 + 131 + 252 \\ 655 &:= 3^3 + 7^0 + 13^0 + 17^0 + 25^2 = 33 + 70 + 130 + 170 + 252 & 655 &:= 4^1 + 4^1 + 11^0 + 21^1 + 25^2 = 41 + 41 + 110 + 211 + 252 \\ 655 &:= 3^3 + 7^0 + 14^0 + 16^0 + 25^2 = 33 + 70 + 140 + 160 + 252 & 655 &:= 4^1 + 5^1 + 11^0 + 20^1 + 25^2 = 41 + 51 + 110 + 201 + 252 \\ 655 &:= 3^3 + 7^0 + 15^0 + 15^0 + 25^2 = 33 + 70 + 150 + 150 + 252 & 655 &:= 4^1 + 6^1 + 11^0 + 19^1 + 25^2 = 41 + 61 + 110 + 191 + 252 \\ 655 &:= 3^3 + 7^0 + 7^0 + 23^0 + 25^2 = 33 + 70 + 70 + 230 + 252 & 655 &:= 4^1 + 7^1 + 11^0 + 18^1 + 25^2 = 41 + 71 + 110 + 181 + 252 \\ 655 &:= 3^3 + 7^0 + 8^0 + 22^0 + 25^2 = 33 + 70 + 80 + 220 + 252 & 655 &:= 4^1 + 8^1 + 11^0 + 17^1 + 25^2 = 41 + 81 + 110 + 171 + 252 \\ 655 &:= 3^3 + 7^0 + 9^0 + 21^0 + 25^2 = 33 + 70 + 90 + 210 + 252 & 655 &:= 4^1 + 9^1 + 11^0 + 16^1 + 25^2 = 41 + 91 + 110 + 161 + 252 \\ 655 &:= 3^3 + 8^0 + 10^0 + 19^0 + 25^2 = 33 + 80 + 100 + 190 + 252 & 655 &:= 4^2 + 10^0 + 12^1 + 14^0 + 25^2 = 42 + 100 + 121 + 140 + 252 \\ 655 &:= 3^3 + 8^0 + 11^0 + 18^0 + 25^2 = 33 + 80 + 110 + 180 + 252 & 655 &:= 4^2 + 11^0 + 12^1 + 13^0 + 25^2 = 42 + 110 + 121 + 130 + 252 \\ 655 &:= 3^3 + 8^0 + 12^0 + 17^0 + 25^2 = 33 + 80 + 120 + 170 + 252 & 655 &:= 4^2 + 12^0 + 12^0 + 12^1 + 25^2 = 42 + 120 + 120 + 121 + 252 \\ 655 &:= 3^3 + 8^0 + 13^0 + 16^0 + 25^2 = 33 + 80 + 130 + 160 + 252 & 655 &:= 4^2 + 5^0 + 12^1 + 19^0 + 25^2 = 42 + 50 + 121 + 190 + 252 \\ 655 &:= 3^3 + 8^0 + 14^0 + 15^0 + 25^2 = 33 + 80 + 140 + 150 + 252 & 655 &:= 4^2 + 6^0 + 12^1 + 18^0 + 25^2 = 42 + 60 + 121 + 180 + 252 \end{aligned}$$

$$\begin{aligned} 655 &:= 4^2 + 7^0 + 12^1 + 17^0 + 25^2 = 42 + 70 + 121 + 170 + 252 \\ 655 &:= 4^2 + 8^0 + 12^1 + 16^0 + 25^2 = 42 + 80 + 121 + 160 + 252 \\ 655 &:= 4^2 + 9^0 + 12^1 + 15^0 + 25^2 = 42 + 90 + 121 + 150 + 252 \\ 655 &:= 5^0 + 5^0 + 5^4 + 23^0 + 27^1 = 50 + 50 + 54 + 230 + 271 \\ 655 &:= 5^0 + 5^1 + 18^2 + 18^2 + 19^0 = 50 + 51 + 182 + 182 + 190 \\ 655 &:= 5^0 + 5^4 + 10^0 + 18^0 + 27^1 = 50 + 54 + 100 + 180 + 271 \\ 655 &:= 5^0 + 5^4 + 11^0 + 17^0 + 27^1 = 50 + 54 + 110 + 170 + 271 \\ 655 &:= 5^0 + 5^4 + 12^0 + 16^0 + 27^1 = 50 + 54 + 120 + 160 + 271 \\ 655 &:= 5^0 + 5^4 + 13^0 + 15^0 + 27^1 = 50 + 54 + 130 + 150 + 271 \\ 655 &:= 5^0 + 5^4 + 14^0 + 14^0 + 27^1 = 50 + 54 + 140 + 140 + 271 \\ 655 &:= 5^0 + 5^4 + 6^0 + 22^0 + 27^1 = 50 + 54 + 60 + 220 + 271 \\ 655 &:= 5^0 + 5^4 + 7^0 + 21^0 + 27^1 = 50 + 54 + 70 + 210 + 271 \\ 655 &:= 5^0 + 5^4 + 8^0 + 20^0 + 27^1 = 50 + 54 + 80 + 200 + 271 \\ 655 &:= 5^0 + 5^4 + 9^0 + 19^0 + 27^1 = 50 + 54 + 90 + 190 + 271 \\ 655 &:= 5^0 + 8^2 + 13^1 + 15^0 + 24^2 = 50 + 82 + 131 + 150 + 242 \\ 655 &:= 5^0 + 9^0 + 14^2 + 16^1 + 21^2 = 50 + 90 + 142 + 161 + 212 \\ 655 &:= 5^1 + 10^0 + 14^0 + 18^2 + 18^2 = 51 + 100 + 140 + 182 + 182 \\ 655 &:= 5^1 + 10^1 + 11^0 + 14^1 + 25^2 = 51 + 101 + 110 + 141 + 252 \\ 655 &:= 5^1 + 11^0 + 11^1 + 13^1 + 25^2 = 51 + 110 + 111 + 131 + 252 \\ 655 &:= 5^1 + 11^0 + 12^1 + 12^1 + 25^2 = 51 + 110 + 121 + 121 + 252 \\ 655 &:= 5^1 + 11^0 + 13^0 + 18^2 + 18^2 = 51 + 110 + 130 + 182 + 182 \\ 655 &:= 5^1 + 12^0 + 12^0 + 18^2 + 18^2 = 51 + 120 + 120 + 182 + 182 \\ 655 &:= 5^1 + 5^1 + 11^0 + 19^1 + 25^2 = 51 + 51 + 110 + 191 + 252 \\ 655 &:= 5^1 + 6^0 + 18^0 + 18^2 + 18^2 = 51 + 60 + 180 + 182 + 182 \\ 655 &:= 5^1 + 6^1 + 11^0 + 18^1 + 25^2 = 51 + 61 + 110 + 181 + 252 \\ 655 &:= 5^1 + 7^0 + 17^0 + 18^2 + 18^2 = 51 + 70 + 170 + 182 + 182 \\ 655 &:= 5^1 + 7^1 + 11^0 + 17^1 + 25^2 = 51 + 71 + 110 + 171 + 252 \\ 655 &:= 5^1 + 8^0 + 16^0 + 18^2 + 18^2 = 51 + 80 + 160 + 182 + 182 \\ 655 &:= 5^1 + 8^1 + 11^0 + 16^1 + 25^2 = 51 + 81 + 110 + 161 + 252 \\ 655 &:= 5^1 + 9^0 + 15^0 + 18^2 + 18^2 = 51 + 90 + 150 + 182 + 182 \\ 655 &:= 5^1 + 9^1 + 11^0 + 15^1 + 25^2 = 51 + 91 + 110 + 151 + 252 \\ 655 &:= 5^4 + 10^0 + 10^0 + 13^0 + 27^1 = 54 + 100 + 100 + 130 + 271 \\ 655 &:= 5^4 + 10^0 + 11^0 + 12^0 + 27^1 = 54 + 100 + 110 + 120 + 271 \\ 655 &:= 5^4 + 11^0 + 11^0 + 11^0 + 27^1 = 54 + 110 + 110 + 110 + 271 \\ 655 &:= 5^4 + 6^0 + 10^0 + 17^0 + 27^1 = 54 + 60 + 100 + 170 + 271 \\ 655 &:= 5^4 + 6^0 + 11^0 + 16^0 + 27^1 = 54 + 60 + 110 + 160 + 271 \\ 655 &:= 5^4 + 6^0 + 12^0 + 15^0 + 27^1 = 54 + 60 + 120 + 150 + 271 \\ 655 &:= 5^4 + 6^0 + 13^0 + 14^0 + 27^1 = 54 + 60 + 130 + 140 + 271 \\ 655 &:= 5^4 + 6^0 + 6^0 + 21^0 + 27^1 = 54 + 60 + 60 + 210 + 271 \\ 655 &:= 5^4 + 6^0 + 7^0 + 20^0 + 27^1 = 54 + 60 + 70 + 200 + 271 \\ 655 &:= 5^4 + 6^0 + 8^0 + 19^0 + 27^1 = 54 + 60 + 80 + 190 + 271 \\ 655 &:= 5^4 + 6^0 + 9^0 + 18^0 + 27^1 = 54 + 60 + 90 + 180 + 271 \\ 655 &:= 5^4 + 7^0 + 10^0 + 16^0 + 27^1 = 54 + 70 + 100 + 160 + 271 \\ 655 &:= 5^4 + 7^0 + 11^0 + 15^0 + 27^1 = 54 + 70 + 110 + 150 + 271 \\ 655 &:= 5^4 + 7^0 + 12^0 + 14^0 + 27^1 = 54 + 70 + 120 + 140 + 271 \\ 655 &:= 5^4 + 7^0 + 13^0 + 13^0 + 27^1 = 54 + 70 + 130 + 130 + 271 \\ 655 &:= 5^4 + 7^0 + 7^0 + 19^0 + 27^1 = 54 + 70 + 70 + 190 + 271 \\ 655 &:= 5^4 + 7^0 + 8^0 + 18^0 + 27^1 = 54 + 70 + 80 + 180 + 271 \\ 655 &:= 5^4 + 7^0 + 9^0 + 17^0 + 27^1 = 54 + 70 + 90 + 170 + 271 \\ 655 &:= 5^4 + 8^0 + 10^0 + 15^0 + 27^1 = 54 + 80 + 100 + 150 + 271 \\ 655 &:= 5^4 + 8^0 + 11^0 + 14^0 + 27^1 = 54 + 80 + 110 + 140 + 271 \\ 655 &:= 5^4 + 8^0 + 12^0 + 13^0 + 27^1 = 54 + 80 + 120 + 130 + 271 \\ 655 &:= 5^4 + 8^0 + 8^0 + 17^0 + 27^1 = 54 + 80 + 80 + 170 + 271 \\ 655 &:= 5^4 + 8^0 + 9^0 + 16^0 + 27^1 = 54 + 80 + 90 + 160 + 271 \\ 655 &:= 5^4 + 9^0 + 10^0 + 14^0 + 27^1 = 54 + 90 + 100 + 140 + 271 \\ 655 &:= 5^4 + 9^0 + 11^0 + 13^0 + 27^1 = 54 + 90 + 110 + 130 + 271 \\ 655 &:= 5^4 + 9^0 + 12^0 + 12^0 + 27^1 = 54 + 90 + 120 + 120 + 271 \\ 655 &:= 5^4 + 9^0 + 9^0 + 15^0 + 27^1 = 54 + 90 + 90 + 150 + 271 \\ 655 &:= 6^0 + 8^0 + 14^2 + 16^1 + 21^2 = 60 + 80 + 142 + 161 + 212 \\ 655 &:= 6^0 + 8^2 + 13^1 + 14^0 + 24^2 = 60 + 82 + 131 + 140 + 242 \\ 655 &:= 6^1 + 10^1 + 11^0 + 13^1 + 25^2 = 61 + 101 + 110 + 131 + 252 \\ 655 &:= 6^1 + 11^0 + 11^1 + 12^1 + 25^2 = 61 + 110 + 111 + 121 + 252 \\ 655 &:= 6^1 + 6^1 + 11^0 + 17^1 + 25^2 = 61 + 61 + 110 + 171 + 252 \\ 655 &:= 6^1 + 7^1 + 11^0 + 16^1 + 25^2 = 61 + 71 + 110 + 161 + 252 \\ 655 &:= 6^1 + 8^1 + 11^0 + 15^1 + 25^2 = 61 + 81 + 110 + 151 + 252 \\ 655 &:= 6^1 + 9^1 + 11^0 + 14^1 + 25^2 = 61 + 91 + 110 + 141 + 252 \\ 655 &:= 7^0 + 7^0 + 14^2 + 16^1 + 21^2 = 70 + 70 + 142 + 161 + 212 \\ 655 &:= 7^0 + 8^2 + 13^0 + 13^1 + 24^2 = 70 + 82 + 130 + 131 + 242 \\ 655 &:= 7^1 + 10^1 + 11^0 + 12^1 + 25^2 = 71 + 101 + 110 + 121 + 252 \\ 655 &:= 7^1 + 11^0 + 11^1 + 11^1 + 25^2 = 71 + 110 + 111 + 111 + 252 \\ 655 &:= 7^1 + 7^1 + 11^0 + 15^1 + 25^2 = 71 + 71 + 110 + 151 + 252 \\ 655 &:= 7^1 + 8^1 + 11^0 + 14^1 + 25^2 = 71 + 81 + 110 + 141 + 252 \\ 655 &:= 7^1 + 9^1 + 11^0 + 13^1 + 25^2 = 71 + 91 + 110 + 131 + 252 \\ 655 &:= 8^0 + 8^2 + 12^0 + 13^1 + 24^2 = 80 + 82 + 120 + 131 + 242 \\ 655 &:= 8^1 + 10^1 + 11^0 + 11^1 + 25^2 = 81 + 101 + 110 + 111 + 252 \\ 655 &:= 8^1 + 8^1 + 11^0 + 13^1 + 25^2 = 81 + 81 + 110 + 131 + 252 \end{aligned}$$

$$655 := 8^1 + 9^1 + 11^0 + 12^1 + 25^2 = 81 + 91 + 110 + 121 + 252$$

$$655 := 8^2 + 10^0 + 10^0 + 13^1 + 24^2 = 82 + 100 + 100 + 131 + 242$$

$$655 := 8^2 + 9^0 + 11^0 + 13^1 + 24^2 = 82 + 90 + 110 + 131 + 242$$

$$655 := 9^1 + 10^1 + 10^1 + 11^0 + 25^2 = 91 + 101 + 101 + 110 + 252$$

$$655 := 9^1 + 9^1 + 11^0 + 11^1 + 25^2 = 91 + 91 + 110 + 111 + 252$$

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$$656 := 1^1 + 5^3 + 23^2 + 36^0 = 11 + 53 + 232 + 360$$

$$656 := 1^1 + 5^4 + 29^1 + 30^0 = 11 + 54 + 291 + 300$$

$$656 := 1^3 + 10^0 + 25^2 + 29^1 = 13 + 100 + 252 + 291$$

$$656 := 2^1 + 5^4 + 28^1 + 30^0 = 21 + 54 + 281 + 300$$

$$656 := 2^3 + 16^0 + 22^1 + 25^2 = 23 + 160 + 221 + 252$$

$$656 := 3^1 + 3^3 + 25^2 + 34^0 = 31 + 33 + 252 + 340$$

$$656 := 3^1 + 5^4 + 27^1 + 30^0 = 31 + 54 + 271 + 300$$

$$656 := 4^0 + 8^3 + 10^2 + 43^1 = 40 + 83 + 102 + 431$$

$$656 := 4^1 + 5^4 + 26^1 + 30^0 = 41 + 54 + 261 + 300$$

$$656 := 4^3 + 15^1 + 22^0 + 24^2 = 43 + 151 + 220 + 242$$

$$656 := 5^1 + 5^4 + 25^1 + 30^0 = 51 + 54 + 251 + 300$$

$$656 := 5^4 + 10^1 + 20^1 + 30^0 = 54 + 101 + 201 + 300$$

$$656 := 5^4 + 11^1 + 19^1 + 30^0 = 54 + 111 + 191 + 300$$

$$656 := 5^4 + 12^1 + 18^1 + 30^0 = 54 + 121 + 181 + 300$$

$$656 := 5^4 + 13^1 + 17^1 + 30^0 = 54 + 131 + 171 + 300$$

$$656 := 5^4 + 14^1 + 16^1 + 30^0 = 54 + 141 + 161 + 300$$

$$656 := 5^4 + 15^1 + 15^1 + 30^0 = 54 + 151 + 151 + 300$$

$$656 := 5^4 + 6^1 + 24^1 + 30^0 = 54 + 61 + 241 + 300$$

$$656 := 5^4 + 7^1 + 23^1 + 30^0 = 54 + 71 + 231 + 300$$

$$656 := 5^4 + 8^1 + 22^1 + 30^0 = 54 + 81 + 221 + 300$$

$$656 := 5^4 + 9^1 + 21^1 + 30^0 = 54 + 91 + 211 + 300$$

$$656 := 7^3 + 17^2 + 18^0 + 23^1 = 73 + 172 + 180 + 231$$

$$656 := 8^3 + 11^2 + 22^1 + 24^0 = 83 + 112 + 221 + 240$$

$$656 := 1^0 + 13^2 + 14^2 + 17^2 + 20^0 = 10 + 132 + 142 + 172 + 200$$

$$656 := 1^0 + 2^2 + 17^2 + 19^2 + 26^0 = 10 + 22 + 172 + 192 + 260$$

$$656 := 1^0 + 2^3 + 16^0 + 21^1 + 25^2 = 10 + 23 + 160 + 211 + 252$$

$$656 := 1^0 + 4^3 + 14^1 + 22^0 + 24^2 = 10 + 43 + 141 + 220 + 242$$

$$656 := 1^0 + 5^2 + 10^2 + 23^2 + 26^0 = 10 + 52 + 102 + 232 + 260$$

$$656 := 1^0 + 7^2 + 11^2 + 22^2 + 24^0 = 10 + 72 + 112 + 222 + 240$$

$$656 := 1^0 + 7^3 + 17^2 + 18^0 + 22^1 = 10 + 73 + 172 + 180 + 221$$

$$656 := 1^0 + 8^3 + 11^2 + 21^1 + 24^0 = 10 + 83 + 112 + 211 + 240$$

$$656 := 1^1 + 12^0 + 14^2 + 17^1 + 21^2 = 11 + 120 + 142 + 171 + 212$$

$$656 := 1^1 + 2^2 + 12^0 + 25^1 + 25^2 = 11 + 22 + 120 + 251 + 252$$

$$656 := 1^1 + 3^2 + 16^0 + 20^1 + 25^2 = 11 + 32 + 160 + 201 + 252$$

$$656 := 1^1 + 4^0 + 12^2 + 22^2 + 26^1 = 11 + 40 + 122 + 222 + 261$$

$$656 := 1^1 + 4^1 + 11^2 + 23^2 + 26^0 = 11 + 41 + 112 + 232 + 260$$

$$656 := 1^1 + 4^1 + 17^2 + 19^2 + 24^0 = 11 + 41 + 172 + 192 + 240$$

$$656 := 1^1 + 4^2 + 13^1 + 22^0 + 25^2 = 11 + 42 + 131 + 220 + 252$$

$$656 := 1^1 + 6^0 + 10^2 + 23^2 + 25^1 = 11 + 60 + 102 + 232 + 251$$

$$656 := 1^1 + 6^1 + 18^2 + 18^2 + 22^0 = 11 + 61 + 182 + 182 + 220$$

$$656 := 1^1 + 8^2 + 14^1 + 18^0 + 24^2 = 11 + 82 + 141 + 180 + 242$$

$$656 := 1^2 + 10^0 + 10^1 + 19^1 + 25^2 = 12 + 100 + 101 + 191 + 252$$

$$656 := 1^2 + 10^0 + 11^1 + 18^1 + 25^2 = 12 + 100 + 111 + 181 + 252$$

$$656 := 1^2 + 10^0 + 12^1 + 17^1 + 25^2 = 12 + 100 + 121 + 171 + 252$$

$$656 := 1^2 + 10^0 + 13^1 + 16^1 + 25^2 = 12 + 100 + 131 + 161 + 252$$

$$656 := 1^2 + 10^0 + 13^2 + 19^0 + 22^2 = 12 + 100 + 132 + 190 + 222$$

$$656 := 1^2 + 10^0 + 14^1 + 15^1 + 25^2 = 12 + 100 + 141 + 151 + 252$$

$$656 := 1^2 + 11^0 + 13^2 + 18^0 + 22^2 = 12 + 110 + 132 + 180 + 222$$

$$656 := 1^2 + 12^0 + 13^2 + 17^0 + 22^2 = 12 + 120 + 132 + 170 + 222$$

$$656 := 1^2 + 13^0 + 13^2 + 16^0 + 22^2 = 12 + 130 + 132 + 160 + 222$$

$$656 := 1^2 + 13^2 + 14^0 + 15^0 + 22^2 = 12 + 132 + 140 + 150 + 222$$

$$656 := 1^2 + 2^0 + 13^2 + 22^2 + 27^0 = 12 + 20 + 132 + 222 + 270$$

$$656 := 1^2 + 2^1 + 10^0 + 25^2 + 27^1 = 12 + 21 + 100 + 252 + 271$$

$$656 := 1^2 + 3^0 + 13^2 + 22^2 + 26^0 = 12 + 30 + 132 + 222 + 260$$

$$656 := 1^2 + 3^1 + 10^0 + 25^2 + 26^1 = 12 + 31 + 100 + 252 + 261$$

$$656 := 1^2 + 4^0 + 13^2 + 22^2 + 25^0 = 12 + 40 + 132 + 222 + 250$$

$$656 := 1^2 + 4^1 + 10^0 + 25^1 + 25^2 = 12 + 41 + 100 + 251 + 252$$

$$656 := 1^2 + 5^0 + 13^2 + 22^2 + 24^0 = 12 + 50 + 132 + 222 + 240$$

$$656 := 1^2 + 5^1 + 10^0 + 24^1 + 25^2 = 12 + 51 + 100 + 241 + 252$$

$$656 := 1^2 + 6^0 + 13^2 + 22^2 + 23^0 = 12 + 60 + 132 + 222 + 230$$

$$656 := 1^2 + 6^1 + 10^0 + 23^1 + 25^2 = 12 + 61 + 100 + 231 + 252$$

$$656 := 1^2 + 7^0 + 13^2 + 22^0 + 22^2 = 12 + 70 + 132 + 220 + 222$$

$$656 := 1^2 + 7^1 + 10^0 + 22^1 + 25^2 = 12 + 71 + 100 + 221 + 252$$

$$656 := 1^2 + 8^0 + 13^2 + 21^0 + 22^2 = 12 + 80 + 132 + 210 + 222$$

$$\begin{aligned} 656 &:= 1^2 + 8^1 + 10^0 + 21^1 + 25^2 = 12 + 81 + 100 + 211 + 252 & 656 &:= 2^1 + 3^3 + 16^0 + 19^0 + 25^2 = 21 + 33 + 160 + 190 + 252 \\ 656 &:= 1^2 + 9^0 + 13^2 + 20^0 + 22^2 = 12 + 90 + 132 + 200 + 222 & 656 &:= 2^1 + 3^3 + 17^0 + 18^0 + 25^2 = 21 + 33 + 170 + 180 + 252 \\ 656 &:= 1^2 + 9^1 + 10^0 + 20^1 + 25^2 = 12 + 91 + 100 + 201 + 252 & 656 &:= 2^1 + 3^3 + 8^0 + 25^2 + 27^0 = 21 + 33 + 80 + 252 + 270 \\ 656 &:= 1^3 + 1^9 + 13^2 + 22^2 + 27^0 = 13 + 19 + 132 + 222 + 270 & 656 &:= 2^1 + 3^3 + 9^0 + 25^2 + 26^0 = 21 + 33 + 90 + 252 + 260 \\ 656 &:= 1^4 + 1^8 + 13^2 + 22^2 + 27^0 = 14 + 18 + 132 + 222 + 270 & 656 &:= 2^1 + 4^0 + 12^2 + 22^2 + 25^1 = 21 + 40 + 122 + 222 + 251 \\ 656 &:= 1^5 + 1^7 + 13^2 + 22^2 + 27^0 = 15 + 17 + 132 + 222 + 270 & 656 &:= 2^1 + 4^0 + 5^4 + 27^0 + 27^1 = 21 + 40 + 54 + 270 + 271 \\ 656 &:= 1^6 + 1^6 + 13^2 + 22^2 + 27^0 = 16 + 16 + 132 + 222 + 270 & 656 &:= 2^1 + 4^2 + 12^1 + 22^0 + 25^2 = 21 + 42 + 121 + 220 + 252 \\ 656 &:= 1^6 + 2^5 + 14^2 + 20^2 + 27^1 = 16 + 25 + 142 + 202 + 271 & 656 &:= 2^1 + 5^0 + 5^4 + 26^0 + 27^1 = 21 + 50 + 54 + 260 + 271 \\ 656 &:= 1^7 + 2^4 + 17^2 + 18^2 + 26^1 = 17 + 24 + 172 + 182 + 261 & 656 &:= 2^1 + 5^1 + 18^2 + 18^2 + 22^0 = 21 + 51 + 182 + 182 + 220 \\ 656 &:= 1^7 + 2^6 + 14^1 + 23^0 + 24^2 = 17 + 26 + 141 + 230 + 242 & 656 &:= 2^1 + 5^4 + 10^0 + 21^0 + 27^1 = 21 + 54 + 100 + 210 + 271 \\ 656 &:= 1^9 + 11^2 + 15^2 + 17^2 + 20^1 = 19 + 112 + 152 + 172 + 201 & 656 &:= 2^1 + 5^4 + 11^0 + 20^0 + 27^1 = 21 + 54 + 110 + 200 + 271 \\ 656 &:= 1^9 + 2^2 + 15^2 + 20^2 + 26^1 = 19 + 22 + 152 + 202 + 261 & 656 &:= 2^1 + 5^4 + 12^0 + 19^0 + 27^1 = 21 + 54 + 120 + 190 + 271 \\ 656 &:= 1^9 + 2^4 + 13^1 + 23^0 + 25^2 = 19 + 24 + 131 + 230 + 252 & 656 &:= 2^1 + 5^4 + 13^0 + 18^0 + 27^1 = 21 + 54 + 130 + 180 + 271 \\ 656 &:= 1^9 + 5^2 + 11^2 + 22^2 + 25^1 = 19 + 52 + 112 + 222 + 251 & 656 &:= 2^1 + 5^4 + 14^0 + 17^0 + 27^1 = 21 + 54 + 140 + 170 + 271 \\ 656 &:= 1^9 + 6^2 + 14^2 + 20^2 + 23^1 = 19 + 62 + 142 + 202 + 231 & 656 &:= 2^1 + 5^4 + 15^0 + 16^0 + 27^1 = 21 + 54 + 150 + 160 + 271 \\ 656 &:= 1^9 + 6^2 + 8^2 + 23^2 + 26^1 = 19 + 62 + 82 + 232 + 261 & 656 &:= 2^1 + 5^4 + 6^0 + 25^0 + 27^1 = 21 + 54 + 60 + 250 + 271 \\ 656 &:= 1^9 + 8^2 + 13^2 + 20^2 + 22^1 = 19 + 82 + 132 + 202 + 221 & 656 &:= 2^1 + 5^4 + 7^0 + 24^0 + 27^1 = 21 + 54 + 70 + 240 + 271 \\ 656 &:= 10^0 + 11^0 + 13^2 + 14^2 + 17^2 = 100 + 110 + 132 + 142 + 172 & 656 &:= 2^1 + 5^4 + 8^0 + 23^0 + 27^1 = 21 + 54 + 80 + 230 + 271 \\ 656 &:= 2^0 + 13^2 + 14^2 + 17^2 + 19^0 = 20 + 132 + 142 + 172 + 190 & 656 &:= 2^1 + 5^4 + 9^0 + 22^0 + 27^1 = 21 + 54 + 90 + 220 + 271 \\ 656 &:= 2^0 + 2^2 + 11^2 + 23^2 + 27^0 = 20 + 22 + 112 + 232 + 270 & 656 &:= 2^1 + 6^0 + 10^2 + 23^2 + 24^1 = 21 + 60 + 102 + 232 + 241 \\ 656 &:= 2^0 + 2^2 + 17^2 + 19^2 + 25^0 = 20 + 22 + 172 + 192 + 250 & 656 &:= 2^1 + 8^2 + 13^1 + 18^0 + 24^2 = 21 + 82 + 131 + 180 + 242 \\ 656 &:= 2^0 + 2^3 + 15^0 + 21^1 + 25^2 = 20 + 23 + 150 + 211 + 252 & 656 &:= 2^2 + 10^0 + 11^2 + 19^0 + 23^2 = 22 + 100 + 112 + 190 + 232 \\ 656 &:= 2^0 + 4^3 + 14^1 + 21^0 + 24^2 = 20 + 43 + 141 + 210 + 242 & 656 &:= 2^2 + 10^0 + 17^0 + 17^2 + 19^2 = 22 + 100 + 170 + 172 + 192 \\ 656 &:= 2^0 + 5^2 + 10^2 + 23^2 + 25^0 = 20 + 52 + 102 + 232 + 250 & 656 &:= 2^2 + 10^1 + 12^0 + 16^1 + 25^2 = 22 + 101 + 120 + 161 + 252 \\ 656 &:= 2^0 + 7^2 + 11^2 + 22^2 + 23^0 = 20 + 72 + 112 + 222 + 230 & 656 &:= 2^2 + 11^0 + 11^2 + 18^0 + 23^2 = 22 + 110 + 112 + 180 + 232 \\ 656 &:= 2^0 + 7^3 + 17^0 + 17^2 + 22^1 = 20 + 73 + 170 + 172 + 221 & 656 &:= 2^2 + 11^0 + 16^0 + 17^2 + 19^2 = 22 + 110 + 160 + 172 + 192 \\ 656 &:= 2^0 + 8^3 + 11^2 + 21^1 + 23^0 = 20 + 83 + 112 + 211 + 230 & 656 &:= 2^2 + 11^1 + 12^0 + 15^1 + 25^2 = 22 + 111 + 120 + 151 + 252 \\ 656 &:= 2^1 + 12^0 + 14^2 + 16^1 + 21^2 = 21 + 120 + 142 + 161 + 212 & 656 &:= 2^2 + 11^2 + 12^0 + 17^0 + 23^2 = 22 + 112 + 120 + 170 + 232 \\ 656 &:= 2^1 + 2^2 + 12^0 + 24^1 + 25^2 = 21 + 22 + 120 + 241 + 252 & 656 &:= 2^2 + 11^2 + 13^0 + 16^0 + 23^2 = 22 + 112 + 130 + 160 + 232 \\ 656 &:= 2^1 + 3^1 + 11^2 + 23^2 + 26^0 = 21 + 31 + 112 + 232 + 260 & 656 &:= 2^2 + 11^2 + 14^0 + 15^0 + 23^2 = 22 + 112 + 140 + 150 + 232 \\ 656 &:= 2^1 + 3^1 + 17^2 + 19^2 + 24^0 = 21 + 31 + 172 + 192 + 240 & 656 &:= 2^2 + 12^0 + 12^1 + 14^1 + 25^2 = 22 + 120 + 121 + 141 + 252 \\ 656 &:= 2^1 + 3^2 + 16^0 + 19^1 + 25^2 = 21 + 32 + 160 + 191 + 252 & 656 &:= 2^2 + 12^0 + 13^1 + 13^1 + 25^2 = 22 + 120 + 131 + 131 + 252 \\ 656 &:= 2^1 + 3^3 + 10^0 + 25^0 + 25^2 = 21 + 33 + 100 + 250 + 252 & 656 &:= 2^2 + 12^0 + 15^0 + 17^2 + 19^2 = 22 + 120 + 150 + 172 + 192 \\ 656 &:= 2^1 + 3^3 + 11^0 + 24^0 + 25^2 = 21 + 33 + 110 + 240 + 252 & 656 &:= 2^2 + 13^0 + 14^0 + 17^2 + 19^2 = 22 + 130 + 140 + 172 + 192 \\ 656 &:= 2^1 + 3^3 + 12^0 + 23^0 + 25^2 = 21 + 33 + 120 + 230 + 252 & 656 &:= 2^2 + 3^0 + 11^2 + 23^2 + 26^0 = 22 + 30 + 112 + 232 + 260 \\ 656 &:= 2^1 + 3^3 + 13^0 + 22^0 + 25^2 = 21 + 33 + 130 + 220 + 252 & 656 &:= 2^2 + 3^0 + 17^2 + 19^2 + 24^0 = 22 + 30 + 172 + 192 + 240 \\ 656 &:= 2^1 + 3^3 + 14^0 + 21^0 + 25^2 = 21 + 33 + 140 + 210 + 252 & 656 &:= 2^2 + 3^1 + 12^0 + 23^1 + 25^2 = 22 + 31 + 120 + 231 + 252 \\ 656 &:= 2^1 + 3^3 + 15^0 + 20^0 + 25^2 = 21 + 33 + 150 + 200 + 252 & 656 &:= 2^2 + 4^0 + 11^2 + 23^2 + 25^0 = 22 + 40 + 112 + 232 + 250 \end{aligned}$$

$656 := 2^2 + 4^0 + 17^2 + 19^2 + 23^0 = 22 + 40 + 172 + 192 + 230$	$656 := 3^0 + 4^3 + 14^1 + 20^0 + 24^2 = 30 + 43 + 141 + 200 + 242$
$656 := 2^2 + 4^1 + 12^0 + 22^1 + 25^2 = 22 + 41 + 120 + 221 + 252$	$656 := 3^0 + 5^2 + 10^2 + 23^2 + 24^0 = 30 + 52 + 102 + 232 + 240$
$656 := 2^2 + 5^0 + 11^2 + 23^2 + 24^0 = 22 + 50 + 112 + 232 + 240$	$656 := 3^0 + 7^2 + 11^2 + 22^0 + 22^2 = 30 + 72 + 112 + 220 + 222$
$656 := 2^2 + 5^0 + 17^2 + 19^2 + 22^0 = 22 + 50 + 172 + 192 + 220$	$656 := 3^0 + 7^3 + 16^0 + 17^2 + 22^1 = 30 + 73 + 160 + 172 + 221$
$656 := 2^2 + 5^1 + 12^0 + 21^1 + 25^2 = 22 + 51 + 120 + 211 + 252$	$656 := 3^0 + 8^3 + 11^2 + 21^1 + 22^0 = 30 + 83 + 112 + 211 + 220$
$656 := 2^2 + 5^2 + 10^0 + 23^0 + 25^2 = 22 + 52 + 100 + 230 + 252$	$656 := 3^1 + 12^0 + 14^2 + 15^1 + 21^2 = 31 + 120 + 142 + 151 + 212$
$656 := 2^2 + 5^2 + 11^0 + 22^0 + 25^2 = 22 + 52 + 110 + 220 + 252$	$656 := 3^1 + 3^2 + 16^0 + 18^1 + 25^2 = 31 + 32 + 160 + 181 + 252$
$656 := 2^2 + 5^2 + 12^0 + 21^0 + 25^2 = 22 + 52 + 120 + 210 + 252$	$656 := 3^1 + 4^0 + 12^2 + 22^2 + 24^1 = 31 + 40 + 122 + 222 + 241$
$656 := 2^2 + 5^2 + 13^0 + 20^0 + 25^2 = 22 + 52 + 130 + 200 + 252$	$656 := 3^1 + 4^0 + 5^4 + 26^1 + 27^0 = 31 + 40 + 54 + 261 + 270$
$656 := 2^2 + 5^2 + 14^0 + 19^0 + 25^2 = 22 + 52 + 140 + 190 + 252$	$656 := 3^1 + 4^0 + 7^2 + 24^2 + 27^1 = 31 + 40 + 72 + 242 + 271$
$656 := 2^2 + 5^2 + 15^0 + 18^0 + 25^2 = 22 + 52 + 150 + 180 + 252$	$656 := 3^1 + 4^1 + 18^2 + 18^2 + 22^0 = 31 + 41 + 182 + 182 + 220$
$656 := 2^2 + 5^2 + 16^0 + 17^0 + 25^2 = 22 + 52 + 160 + 170 + 252$	$656 := 3^1 + 4^2 + 11^1 + 22^0 + 25^2 = 31 + 42 + 111 + 220 + 252$
$656 := 2^2 + 5^2 + 6^0 + 25^2 + 27^0 = 22 + 52 + 60 + 252 + 270$	$656 := 3^1 + 5^0 + 5^4 + 26^0 + 26^1 = 31 + 50 + 54 + 260 + 261$
$656 := 2^2 + 5^2 + 7^0 + 25^2 + 26^0 = 22 + 52 + 70 + 252 + 260$	$656 := 3^1 + 5^4 + 10^0 + 21^0 + 26^1 = 31 + 54 + 100 + 210 + 261$
$656 := 2^2 + 5^2 + 8^0 + 25^0 + 25^2 = 22 + 52 + 80 + 250 + 252$	$656 := 3^1 + 5^4 + 11^0 + 20^0 + 26^1 = 31 + 54 + 110 + 200 + 261$
$656 := 2^2 + 5^2 + 9^0 + 24^0 + 25^2 = 22 + 52 + 90 + 240 + 252$	$656 := 3^1 + 5^4 + 12^0 + 19^0 + 26^1 = 31 + 54 + 120 + 190 + 261$
$656 := 2^2 + 6^0 + 11^2 + 23^0 + 23^2 = 22 + 60 + 112 + 230 + 232$	$656 := 3^1 + 5^4 + 13^0 + 18^0 + 26^1 = 31 + 54 + 130 + 180 + 261$
$656 := 2^2 + 6^0 + 17^2 + 19^2 + 21^0 = 22 + 60 + 172 + 192 + 210$	$656 := 3^1 + 5^4 + 14^0 + 17^0 + 26^1 = 31 + 54 + 140 + 170 + 261$
$656 := 2^2 + 6^1 + 12^0 + 20^1 + 25^2 = 22 + 61 + 120 + 201 + 252$	$656 := 3^1 + 5^4 + 15^0 + 16^0 + 26^1 = 31 + 54 + 150 + 160 + 261$
$656 := 2^2 + 7^0 + 11^2 + 22^0 + 23^2 = 22 + 70 + 112 + 220 + 232$	$656 := 3^1 + 5^4 + 6^0 + 25^0 + 26^1 = 31 + 54 + 60 + 250 + 261$
$656 := 2^2 + 7^0 + 17^2 + 19^2 + 20^0 = 22 + 70 + 172 + 192 + 200$	$656 := 3^1 + 5^4 + 7^0 + 24^0 + 26^1 = 31 + 54 + 70 + 240 + 261$
$656 := 2^2 + 7^1 + 12^0 + 19^1 + 25^2 = 22 + 71 + 120 + 191 + 252$	$656 := 3^1 + 5^4 + 8^0 + 23^0 + 26^1 = 31 + 54 + 80 + 230 + 261$
$656 := 2^2 + 8^0 + 11^2 + 21^0 + 23^2 = 22 + 80 + 112 + 210 + 232$	$656 := 3^1 + 5^4 + 9^0 + 22^0 + 26^1 = 31 + 54 + 90 + 220 + 261$
$656 := 2^2 + 8^0 + 17^2 + 19^0 + 19^2 = 22 + 80 + 172 + 190 + 192$	$656 := 3^1 + 6^0 + 10^2 + 23^1 + 23^2 = 31 + 60 + 102 + 231 + 232$
$656 := 2^2 + 8^1 + 12^0 + 18^1 + 25^2 = 22 + 81 + 120 + 181 + 252$	$656 := 3^1 + 8^2 + 12^1 + 18^0 + 24^2 = 31 + 82 + 121 + 180 + 242$
$656 := 2^2 + 9^0 + 11^2 + 20^0 + 23^2 = 22 + 90 + 112 + 200 + 232$	$656 := 3^2 + 10^1 + 11^1 + 16^0 + 25^2 = 32 + 101 + 111 + 160 + 252$
$656 := 2^2 + 9^0 + 17^2 + 18^0 + 19^2 = 22 + 90 + 172 + 180 + 192$	$656 := 3^2 + 4^1 + 16^0 + 17^1 + 25^2 = 32 + 41 + 160 + 171 + 252$
$656 := 2^2 + 9^1 + 12^0 + 17^1 + 25^2 = 22 + 91 + 120 + 171 + 252$	$656 := 3^2 + 5^1 + 16^0 + 16^1 + 25^2 = 32 + 51 + 160 + 161 + 252$
$656 := 2^3 + 3^0 + 14^0 + 21^1 + 25^2 = 23 + 30 + 140 + 211 + 252$	$656 := 3^2 + 6^1 + 15^1 + 16^0 + 25^2 = 32 + 61 + 151 + 160 + 252$
$656 := 2^3 + 4^0 + 13^0 + 21^1 + 25^2 = 23 + 40 + 130 + 211 + 252$	$656 := 3^2 + 7^1 + 14^1 + 16^0 + 25^2 = 32 + 71 + 141 + 160 + 252$
$656 := 2^3 + 5^0 + 12^0 + 21^1 + 25^2 = 23 + 50 + 120 + 211 + 252$	$656 := 3^2 + 8^1 + 13^1 + 16^0 + 25^2 = 32 + 81 + 131 + 160 + 252$
$656 := 2^3 + 6^0 + 11^0 + 21^1 + 25^2 = 23 + 60 + 110 + 211 + 252$	$656 := 3^2 + 9^1 + 12^1 + 16^0 + 25^2 = 32 + 91 + 121 + 160 + 252$
$656 := 2^3 + 7^0 + 10^0 + 21^1 + 25^2 = 23 + 70 + 100 + 211 + 252$	$656 := 4^0 + 10^1 + 12^2 + 17^1 + 22^2 = 40 + 101 + 122 + 171 + 222$
$656 := 2^3 + 8^0 + 9^0 + 21^1 + 25^2 = 23 + 80 + 90 + 211 + 252$	$656 := 4^0 + 11^1 + 12^2 + 16^1 + 22^2 = 40 + 111 + 122 + 161 + 222$
$656 := 2^4 + 2^9 + 10^2 + 23^0 + 27^1 = 24 + 29 + 102 + 230 + 271$	$656 := 4^0 + 12^1 + 12^2 + 15^1 + 22^2 = 40 + 121 + 122 + 151 + 222$
$656 := 2^6 + 2^7 + 17^0 + 21^2 + 22^1 = 26 + 27 + 170 + 212 + 221$	$656 := 4^0 + 12^2 + 13^1 + 14^1 + 22^2 = 40 + 122 + 131 + 141 + 222$
$656 := 2^9 + 3^4 + 6^2 + 26^1 + 27^0 = 29 + 34 + 62 + 261 + 270$	$656 := 4^0 + 13^2 + 14^2 + 17^0 + 17^2 = 40 + 132 + 142 + 170 + 172$
$656 := 3^0 + 13^2 + 14^2 + 17^2 + 18^0 = 30 + 132 + 142 + 172 + 180$	$656 := 4^0 + 4^1 + 12^2 + 22^2 + 23^1 = 40 + 41 + 122 + 222 + 231$

$656 := 4^0 + 4^1 + 5^4 + 25^1 + 27^0 = 40 + 41 + 54 + 251 + 270$	$656 := 4^1 + 5^4 + 12^0 + 19^0 + 25^1 = 41 + 54 + 120 + 190 + 251$
$656 := 4^0 + 4^1 + 7^2 + 24^2 + 26^1 = 40 + 41 + 72 + 242 + 261$	$656 := 4^1 + 5^4 + 13^0 + 18^0 + 25^1 = 41 + 54 + 130 + 180 + 251$
$656 := 4^0 + 4^3 + 14^1 + 19^0 + 24^2 = 40 + 43 + 141 + 190 + 242$	$656 := 4^1 + 5^4 + 14^0 + 17^0 + 25^1 = 41 + 54 + 140 + 170 + 251$
$656 := 4^0 + 5^1 + 12^2 + 22^1 + 22^2 = 40 + 51 + 122 + 221 + 222$	$656 := 4^1 + 5^4 + 15^0 + 16^0 + 25^1 = 41 + 54 + 150 + 160 + 251$
$656 := 4^0 + 5^1 + 5^4 + 24^1 + 27^0 = 40 + 51 + 54 + 241 + 270$	$656 := 4^1 + 5^4 + 6^0 + 25^0 + 25^1 = 41 + 54 + 60 + 250 + 251$
$656 := 4^0 + 5^1 + 7^2 + 24^2 + 25^1 = 40 + 51 + 72 + 242 + 251$	$656 := 4^1 + 5^4 + 7^0 + 24^0 + 25^1 = 41 + 54 + 70 + 240 + 251$
$656 := 4^0 + 5^2 + 10^2 + 23^0 + 23^2 = 40 + 52 + 102 + 230 + 232$	$656 := 4^1 + 5^4 + 8^0 + 23^0 + 25^1 = 41 + 54 + 80 + 230 + 251$
$656 := 4^0 + 5^4 + 10^1 + 19^1 + 27^0 = 40 + 54 + 101 + 191 + 270$	$656 := 4^1 + 5^4 + 9^0 + 22^0 + 25^1 = 41 + 54 + 90 + 220 + 251$
$656 := 4^0 + 5^4 + 11^1 + 18^1 + 27^0 = 40 + 54 + 111 + 181 + 270$	$656 := 4^1 + 6^0 + 10^2 + 22^1 + 23^2 = 41 + 60 + 102 + 221 + 232$
$656 := 4^0 + 5^4 + 12^1 + 17^1 + 27^0 = 40 + 54 + 121 + 171 + 270$	$656 := 4^1 + 8^2 + 11^1 + 18^0 + 24^2 = 41 + 82 + 111 + 180 + 242$
$656 := 4^0 + 5^4 + 13^1 + 16^1 + 27^0 = 40 + 54 + 131 + 161 + 270$	$656 := 4^2 + 5^1 + 9^1 + 22^0 + 25^2 = 42 + 51 + 91 + 220 + 252$
$656 := 4^0 + 5^4 + 14^1 + 15^1 + 27^0 = 40 + 54 + 141 + 151 + 270$	$656 := 4^2 + 6^1 + 8^1 + 22^0 + 25^2 = 42 + 61 + 81 + 220 + 252$
$656 := 4^0 + 5^4 + 6^1 + 23^1 + 27^0 = 40 + 54 + 61 + 231 + 270$	$656 := 4^2 + 7^1 + 7^1 + 22^0 + 25^2 = 42 + 71 + 71 + 220 + 252$
$656 := 4^0 + 5^4 + 7^1 + 22^1 + 27^0 = 40 + 54 + 71 + 221 + 270$	$656 := 4^3 + 10^0 + 13^0 + 14^1 + 24^2 = 43 + 100 + 130 + 141 + 242$
$656 := 4^0 + 5^4 + 8^1 + 21^1 + 27^0 = 40 + 54 + 81 + 211 + 270$	$656 := 4^3 + 11^0 + 12^0 + 14^1 + 24^2 = 43 + 110 + 120 + 141 + 242$
$656 := 4^0 + 5^4 + 9^1 + 20^1 + 27^0 = 40 + 54 + 91 + 201 + 270$	$656 := 4^3 + 5^0 + 14^1 + 18^0 + 24^2 = 43 + 50 + 141 + 180 + 242$
$656 := 4^0 + 6^1 + 12^2 + 21^1 + 22^2 = 40 + 61 + 122 + 211 + 222$	$656 := 4^3 + 6^0 + 14^1 + 17^0 + 24^2 = 43 + 60 + 141 + 170 + 242$
$656 := 4^0 + 6^1 + 7^2 + 24^1 + 24^2 = 40 + 61 + 72 + 241 + 242$	$656 := 4^3 + 7^0 + 14^1 + 16^0 + 24^2 = 43 + 70 + 141 + 160 + 242$
$656 := 4^0 + 7^1 + 12^2 + 20^1 + 22^2 = 40 + 71 + 122 + 201 + 222$	$656 := 4^3 + 8^0 + 14^1 + 15^0 + 24^2 = 43 + 80 + 141 + 150 + 242$
$656 := 4^0 + 7^1 + 7^2 + 23^1 + 24^2 = 40 + 71 + 72 + 231 + 242$	$656 := 4^3 + 9^0 + 14^0 + 14^1 + 24^2 = 43 + 90 + 140 + 141 + 242$
$656 := 4^0 + 7^2 + 10^1 + 20^1 + 24^2 = 40 + 72 + 101 + 201 + 242$	$656 := 5^0 + 13^2 + 14^2 + 16^0 + 17^2 = 50 + 132 + 142 + 160 + 172$
$656 := 4^0 + 7^2 + 11^1 + 19^1 + 24^2 = 40 + 72 + 111 + 191 + 242$	$656 := 5^0 + 5^1 + 5^4 + 24^1 + 26^0 = 50 + 51 + 54 + 241 + 260$
$656 := 4^0 + 7^2 + 11^2 + 21^0 + 22^2 = 40 + 72 + 112 + 210 + 222$	$656 := 5^0 + 5^2 + 10^2 + 22^0 + 23^2 = 50 + 52 + 102 + 220 + 232$
$656 := 4^0 + 7^2 + 12^1 + 18^1 + 24^2 = 40 + 72 + 121 + 181 + 242$	$656 := 5^0 + 5^4 + 10^1 + 19^1 + 26^0 = 50 + 54 + 101 + 191 + 260$
$656 := 4^0 + 7^2 + 13^1 + 17^1 + 24^2 = 40 + 72 + 131 + 171 + 242$	$656 := 5^0 + 5^4 + 11^1 + 18^1 + 26^0 = 50 + 54 + 111 + 181 + 260$
$656 := 4^0 + 7^2 + 14^1 + 16^1 + 24^2 = 40 + 72 + 141 + 161 + 242$	$656 := 5^0 + 5^4 + 12^1 + 17^1 + 26^0 = 50 + 54 + 121 + 171 + 260$
$656 := 4^0 + 7^2 + 15^1 + 15^1 + 24^2 = 40 + 72 + 151 + 151 + 242$	$656 := 5^0 + 5^4 + 13^1 + 16^1 + 26^0 = 50 + 54 + 131 + 161 + 260$
$656 := 4^0 + 7^2 + 8^1 + 22^1 + 24^2 = 40 + 72 + 81 + 221 + 242$	$656 := 5^0 + 5^4 + 14^1 + 15^1 + 26^0 = 50 + 54 + 141 + 151 + 260$
$656 := 4^0 + 7^2 + 9^1 + 21^1 + 24^2 = 40 + 72 + 91 + 211 + 242$	$656 := 5^0 + 5^4 + 6^1 + 23^1 + 26^0 = 50 + 54 + 61 + 231 + 260$
$656 := 4^0 + 7^3 + 15^0 + 17^2 + 22^1 = 40 + 73 + 150 + 172 + 221$	$656 := 5^0 + 5^4 + 7^1 + 22^1 + 26^0 = 50 + 54 + 71 + 221 + 260$
$656 := 4^0 + 8^1 + 12^2 + 19^1 + 22^2 = 40 + 81 + 122 + 191 + 222$	$656 := 5^0 + 5^4 + 8^1 + 21^1 + 26^0 = 50 + 54 + 81 + 211 + 260$
$656 := 4^0 + 8^3 + 11^2 + 21^0 + 21^1 = 40 + 83 + 112 + 210 + 211$	$656 := 5^0 + 5^4 + 9^1 + 20^1 + 26^0 = 50 + 54 + 91 + 201 + 260$
$656 := 4^0 + 9^1 + 12^2 + 18^1 + 22^2 = 40 + 91 + 122 + 181 + 222$	$656 := 5^0 + 7^2 + 11^2 + 20^0 + 22^2 = 50 + 72 + 112 + 200 + 222$
$656 := 4^1 + 12^0 + 14^1 + 14^2 + 21^2 = 41 + 120 + 141 + 142 + 212$	$656 := 5^0 + 7^3 + 14^0 + 17^2 + 22^1 = 50 + 73 + 140 + 172 + 221$
$656 := 4^1 + 4^2 + 10^1 + 22^0 + 25^2 = 41 + 42 + 101 + 220 + 252$	$656 := 5^0 + 8^3 + 11^2 + 20^0 + 21^1 = 50 + 83 + 112 + 200 + 211$
$656 := 4^1 + 5^0 + 5^4 + 25^1 + 26^0 = 41 + 50 + 54 + 251 + 260$	$656 := 5^1 + 12^0 + 13^1 + 14^2 + 21^2 = 51 + 120 + 131 + 142 + 212$
$656 := 4^1 + 5^4 + 10^0 + 21^0 + 25^1 = 41 + 54 + 100 + 210 + 251$	$656 := 5^1 + 5^4 + 10^0 + 21^0 + 24^1 = 51 + 54 + 100 + 210 + 241$
$656 := 4^1 + 5^4 + 11^0 + 20^0 + 25^1 = 41 + 54 + 110 + 200 + 251$	$656 := 5^1 + 5^4 + 11^0 + 20^0 + 24^1 = 51 + 54 + 110 + 200 + 241$

$$\begin{aligned} 656 &:= 5^1 + 5^4 + 12^0 + 19^0 + 24^1 = 51 + 54 + 120 + 190 + 241 & 656 &:= 5^4 + 12^0 + 14^1 + 15^1 + 19^0 = 54 + 120 + 141 + 151 + 190 \\ 656 &:= 5^1 + 5^4 + 13^0 + 18^0 + 24^1 = 51 + 54 + 130 + 180 + 241 & 656 &:= 5^4 + 12^1 + 13^0 + 17^1 + 18^0 = 54 + 121 + 130 + 171 + 180 \\ 656 &:= 5^1 + 5^4 + 14^0 + 17^0 + 24^1 = 51 + 54 + 140 + 170 + 241 & 656 &:= 5^4 + 12^1 + 14^0 + 17^0 + 17^1 = 54 + 121 + 140 + 170 + 171 \\ 656 &:= 5^1 + 5^4 + 15^0 + 16^0 + 24^1 = 51 + 54 + 150 + 160 + 241 & 656 &:= 5^4 + 12^1 + 15^0 + 16^0 + 17^1 = 54 + 121 + 150 + 160 + 171 \\ 656 &:= 5^1 + 5^4 + 6^0 + 24^1 + 25^0 = 51 + 54 + 60 + 241 + 250 & 656 &:= 5^4 + 13^0 + 13^1 + 16^1 + 18^0 = 54 + 130 + 131 + 161 + 180 \\ 656 &:= 5^1 + 5^4 + 7^0 + 24^0 + 24^1 = 51 + 54 + 70 + 240 + 241 & 656 &:= 5^4 + 13^0 + 14^1 + 15^1 + 18^0 = 54 + 130 + 141 + 151 + 180 \\ 656 &:= 5^1 + 5^4 + 8^0 + 23^0 + 24^1 = 51 + 54 + 80 + 230 + 241 & 656 &:= 5^4 + 13^1 + 14^0 + 16^1 + 17^0 = 54 + 131 + 140 + 161 + 170 \\ 656 &:= 5^1 + 5^4 + 9^0 + 22^0 + 24^1 = 51 + 54 + 90 + 220 + 241 & 656 &:= 5^4 + 13^1 + 15^0 + 16^0 + 16^1 = 54 + 131 + 150 + 160 + 161 \\ 656 &:= 5^1 + 6^0 + 10^2 + 21^1 + 23^2 = 51 + 60 + 102 + 211 + 232 & 656 &:= 5^4 + 14^0 + 14^1 + 15^1 + 17^0 = 54 + 140 + 141 + 151 + 170 \\ 656 &:= 5^1 + 8^2 + 10^1 + 18^0 + 24^2 = 51 + 82 + 101 + 180 + 242 & 656 &:= 5^4 + 14^1 + 15^0 + 15^1 + 16^0 = 54 + 141 + 150 + 151 + 160 \\ 656 &:= 5^2 + 10^0 + 10^2 + 17^0 + 23^2 = 52 + 100 + 102 + 170 + 232 & 656 &:= 5^4 + 6^0 + 10^1 + 19^1 + 25^0 = 54 + 60 + 101 + 191 + 250 \\ 656 &:= 5^2 + 10^2 + 11^0 + 16^0 + 23^2 = 52 + 102 + 110 + 160 + 232 & 656 &:= 5^4 + 6^0 + 11^1 + 18^1 + 25^0 = 54 + 60 + 111 + 181 + 250 \\ 656 &:= 5^2 + 10^2 + 12^0 + 15^0 + 23^2 = 52 + 102 + 120 + 150 + 232 & 656 &:= 5^4 + 6^0 + 12^1 + 17^1 + 25^0 = 54 + 60 + 121 + 171 + 250 \\ 656 &:= 5^2 + 10^2 + 13^0 + 14^0 + 23^2 = 52 + 102 + 130 + 140 + 232 & 656 &:= 5^4 + 6^0 + 13^1 + 16^1 + 25^0 = 54 + 60 + 131 + 161 + 250 \\ 656 &:= 5^2 + 6^0 + 10^2 + 21^0 + 23^2 = 52 + 60 + 102 + 210 + 232 & 656 &:= 5^4 + 6^0 + 14^1 + 15^1 + 25^0 = 54 + 60 + 141 + 151 + 250 \\ 656 &:= 5^2 + 7^0 + 10^2 + 20^0 + 23^2 = 52 + 70 + 102 + 200 + 232 & 656 &:= 5^4 + 6^0 + 6^1 + 23^1 + 25^0 = 54 + 60 + 61 + 231 + 250 \\ 656 &:= 5^2 + 8^0 + 10^2 + 19^0 + 23^2 = 52 + 80 + 102 + 190 + 232 & 656 &:= 5^4 + 6^0 + 7^1 + 22^1 + 25^0 = 54 + 60 + 71 + 221 + 250 \\ 656 &:= 5^2 + 9^0 + 10^2 + 18^0 + 23^2 = 52 + 90 + 102 + 180 + 232 & 656 &:= 5^4 + 6^0 + 8^1 + 21^1 + 25^0 = 54 + 60 + 81 + 211 + 250 \\ 656 &:= 5^4 + 10^0 + 10^1 + 19^1 + 21^0 = 54 + 100 + 101 + 191 + 210 & 656 &:= 5^4 + 6^0 + 9^1 + 20^1 + 25^0 = 54 + 60 + 91 + 201 + 250 \\ 656 &:= 5^4 + 10^0 + 11^1 + 18^1 + 21^0 = 54 + 100 + 111 + 181 + 210 & 656 &:= 5^4 + 6^1 + 10^0 + 21^0 + 23^1 = 54 + 61 + 100 + 210 + 231 \\ 656 &:= 5^4 + 10^0 + 12^1 + 17^1 + 21^0 = 54 + 100 + 121 + 171 + 210 & 656 &:= 5^4 + 6^1 + 11^0 + 20^0 + 23^1 = 54 + 61 + 110 + 200 + 231 \\ 656 &:= 5^4 + 10^0 + 13^1 + 16^1 + 21^0 = 54 + 100 + 131 + 161 + 210 & 656 &:= 5^4 + 6^1 + 12^0 + 19^0 + 23^1 = 54 + 61 + 120 + 190 + 231 \\ 656 &:= 5^4 + 10^0 + 14^1 + 15^1 + 21^0 = 54 + 100 + 141 + 151 + 210 & 656 &:= 5^4 + 6^1 + 13^0 + 18^0 + 23^1 = 54 + 61 + 130 + 180 + 231 \\ 656 &:= 5^4 + 10^1 + 11^0 + 19^1 + 20^0 = 54 + 101 + 110 + 191 + 200 & 656 &:= 5^4 + 6^1 + 14^0 + 17^0 + 23^1 = 54 + 61 + 140 + 170 + 231 \\ 656 &:= 5^4 + 10^1 + 12^0 + 19^0 + 19^1 = 54 + 101 + 120 + 190 + 191 & 656 &:= 5^4 + 6^1 + 15^0 + 16^0 + 23^1 = 54 + 61 + 150 + 160 + 231 \\ 656 &:= 5^4 + 10^1 + 13^0 + 18^0 + 19^1 = 54 + 101 + 130 + 180 + 191 & 656 &:= 5^4 + 6^1 + 7^0 + 23^1 + 24^0 = 54 + 61 + 70 + 231 + 240 \\ 656 &:= 5^4 + 10^1 + 14^0 + 17^0 + 19^1 = 54 + 101 + 140 + 170 + 191 & 656 &:= 5^4 + 6^1 + 8^0 + 23^0 + 23^1 = 54 + 61 + 80 + 230 + 231 \\ 656 &:= 5^4 + 10^1 + 15^0 + 16^0 + 19^1 = 54 + 101 + 150 + 160 + 191 & 656 &:= 5^4 + 6^1 + 9^0 + 22^0 + 23^1 = 54 + 61 + 90 + 220 + 231 \\ 656 &:= 5^4 + 11^0 + 11^1 + 18^1 + 20^0 = 54 + 110 + 111 + 181 + 200 & 656 &:= 5^4 + 7^0 + 10^1 + 19^1 + 24^0 = 54 + 70 + 101 + 191 + 240 \\ 656 &:= 5^4 + 11^0 + 12^1 + 17^1 + 20^0 = 54 + 110 + 121 + 171 + 200 & 656 &:= 5^4 + 7^0 + 11^1 + 18^1 + 24^0 = 54 + 70 + 111 + 181 + 240 \\ 656 &:= 5^4 + 11^0 + 13^1 + 16^1 + 20^0 = 54 + 110 + 131 + 161 + 200 & 656 &:= 5^4 + 7^0 + 12^1 + 17^1 + 24^0 = 54 + 70 + 121 + 171 + 240 \\ 656 &:= 5^4 + 11^0 + 14^1 + 15^1 + 20^0 = 54 + 110 + 141 + 151 + 200 & 656 &:= 5^4 + 7^0 + 13^1 + 16^1 + 24^0 = 54 + 70 + 131 + 161 + 240 \\ 656 &:= 5^4 + 11^1 + 12^0 + 18^1 + 19^0 = 54 + 111 + 120 + 181 + 190 & 656 &:= 5^4 + 7^0 + 14^1 + 15^1 + 24^0 = 54 + 70 + 141 + 151 + 240 \\ 656 &:= 5^4 + 11^1 + 13^0 + 18^0 + 18^1 = 54 + 111 + 130 + 180 + 181 & 656 &:= 5^4 + 7^0 + 7^1 + 22^1 + 24^0 = 54 + 70 + 71 + 221 + 240 \\ 656 &:= 5^4 + 11^1 + 14^0 + 17^0 + 18^1 = 54 + 111 + 140 + 170 + 181 & 656 &:= 5^4 + 7^0 + 8^1 + 21^1 + 24^0 = 54 + 70 + 81 + 211 + 240 \\ 656 &:= 5^4 + 11^1 + 15^0 + 16^0 + 18^1 = 54 + 111 + 150 + 160 + 181 & 656 &:= 5^4 + 7^0 + 9^1 + 20^1 + 24^0 = 54 + 70 + 91 + 201 + 240 \\ 656 &:= 5^4 + 12^0 + 12^1 + 17^1 + 19^0 = 54 + 120 + 121 + 171 + 190 & 656 &:= 5^4 + 7^1 + 10^0 + 21^0 + 22^1 = 54 + 71 + 100 + 210 + 221 \\ 656 &:= 5^4 + 12^0 + 13^1 + 16^1 + 19^0 = 54 + 120 + 131 + 161 + 190 & 656 &:= 5^4 + 7^1 + 11^0 + 20^0 + 22^1 = 54 + 71 + 110 + 200 + 221 \end{aligned}$$

$$\begin{aligned}
 656 &:= 5^4 + 7^1 + 12^0 + 19^0 + 22^1 = 54 + 71 + 120 + 190 + 221 & 656 &:= 6^0 + 10^2 + 13^1 + 13^1 + 23^2 = 60 + 102 + 131 + 131 + 232 \\
 656 &:= 5^4 + 7^1 + 13^0 + 18^0 + 22^1 = 54 + 71 + 130 + 180 + 221 & 656 &:= 6^0 + 13^2 + 14^2 + 15^0 + 17^2 = 60 + 132 + 142 + 150 + 172 \\
 656 &:= 5^4 + 7^1 + 14^0 + 17^0 + 22^1 = 54 + 71 + 140 + 170 + 221 & 656 &:= 6^0 + 6^1 + 10^2 + 20^1 + 23^2 = 60 + 61 + 102 + 201 + 232 \\
 656 &:= 5^4 + 7^1 + 15^0 + 16^0 + 22^1 = 54 + 71 + 150 + 160 + 221 & 656 &:= 6^0 + 7^1 + 10^2 + 19^1 + 23^2 = 60 + 71 + 102 + 191 + 232 \\
 656 &:= 5^4 + 7^1 + 8^0 + 22^1 + 23^0 = 54 + 71 + 80 + 221 + 230 & 656 &:= 6^0 + 7^2 + 11^2 + 19^0 + 22^2 = 60 + 72 + 112 + 190 + 222 \\
 656 &:= 5^4 + 7^1 + 9^0 + 22^0 + 22^1 = 54 + 71 + 90 + 220 + 221 & 656 &:= 6^0 + 7^3 + 13^0 + 17^2 + 22^1 = 60 + 73 + 130 + 172 + 221 \\
 656 &:= 5^4 + 8^0 + 10^1 + 19^1 + 23^0 = 54 + 80 + 101 + 191 + 230 & 656 &:= 6^0 + 8^1 + 10^2 + 18^1 + 23^2 = 60 + 81 + 102 + 181 + 232 \\
 656 &:= 5^4 + 8^0 + 11^1 + 18^1 + 23^0 = 54 + 80 + 111 + 181 + 230 & 656 &:= 6^0 + 8^3 + 11^2 + 19^0 + 21^1 = 60 + 83 + 112 + 190 + 211 \\
 656 &:= 5^4 + 8^0 + 12^1 + 17^1 + 23^0 = 54 + 80 + 121 + 171 + 230 & 656 &:= 6^0 + 9^1 + 10^2 + 17^1 + 23^2 = 60 + 91 + 102 + 171 + 232 \\
 656 &:= 5^4 + 8^0 + 13^1 + 16^1 + 23^0 = 54 + 80 + 131 + 161 + 230 & 656 &:= 6^1 + 12^0 + 12^1 + 14^2 + 21^2 = 61 + 120 + 121 + 142 + 212 \\
 656 &:= 5^4 + 8^0 + 14^1 + 15^1 + 23^0 = 54 + 80 + 141 + 151 + 230 & 656 &:= 6^1 + 8^2 + 9^1 + 18^0 + 24^2 = 61 + 82 + 91 + 180 + 242 \\
 656 &:= 5^4 + 8^0 + 8^1 + 21^1 + 23^0 = 54 + 80 + 81 + 211 + 230 & 656 &:= 7^0 + 13^2 + 14^0 + 14^2 + 17^2 = 70 + 132 + 140 + 142 + 172 \\
 656 &:= 5^4 + 8^0 + 9^1 + 20^1 + 23^0 = 54 + 80 + 91 + 201 + 230 & 656 &:= 7^0 + 7^2 + 11^2 + 18^0 + 22^2 = 70 + 72 + 112 + 180 + 222 \\
 656 &:= 5^4 + 8^1 + 10^0 + 21^0 + 21^1 = 54 + 81 + 100 + 210 + 211 & 656 &:= 7^0 + 7^3 + 12^0 + 17^2 + 22^1 = 70 + 73 + 120 + 172 + 221 \\
 656 &:= 5^4 + 8^1 + 11^0 + 20^0 + 21^1 = 54 + 81 + 110 + 200 + 211 & 656 &:= 7^0 + 8^3 + 11^2 + 18^0 + 21^1 = 70 + 83 + 112 + 180 + 211 \\
 656 &:= 5^4 + 8^1 + 12^0 + 19^0 + 21^1 = 54 + 81 + 120 + 190 + 211 & 656 &:= 7^1 + 11^1 + 12^0 + 14^2 + 21^2 = 71 + 111 + 120 + 142 + 212 \\
 656 &:= 5^4 + 8^1 + 13^0 + 18^0 + 21^1 = 54 + 81 + 130 + 180 + 211 & 656 &:= 7^1 + 8^1 + 8^2 + 18^0 + 24^2 = 71 + 81 + 82 + 180 + 242 \\
 656 &:= 5^4 + 8^1 + 14^0 + 17^0 + 21^1 = 54 + 81 + 140 + 170 + 211 & 656 &:= 7^2 + 10^0 + 11^2 + 15^0 + 22^2 = 72 + 100 + 112 + 150 + 222 \\
 656 &:= 5^4 + 8^1 + 15^0 + 16^0 + 21^1 = 54 + 81 + 150 + 160 + 211 & 656 &:= 7^2 + 11^0 + 11^2 + 14^0 + 22^2 = 72 + 110 + 112 + 140 + 222 \\
 656 &:= 5^4 + 8^1 + 9^0 + 21^1 + 22^0 = 54 + 81 + 90 + 211 + 220 & 656 &:= 7^2 + 11^2 + 12^0 + 13^0 + 22^2 = 72 + 112 + 120 + 130 + 222 \\
 656 &:= 5^4 + 9^0 + 10^1 + 19^1 + 22^0 = 54 + 90 + 101 + 191 + 220 & 656 &:= 7^2 + 8^0 + 11^2 + 17^0 + 22^2 = 72 + 80 + 112 + 170 + 222 \\
 656 &:= 5^4 + 9^0 + 11^1 + 18^1 + 22^0 = 54 + 90 + 111 + 181 + 220 & 656 &:= 7^2 + 9^0 + 11^2 + 16^0 + 22^2 = 72 + 90 + 112 + 160 + 222 \\
 656 &:= 5^4 + 9^0 + 12^1 + 17^1 + 22^0 = 54 + 90 + 121 + 171 + 220 & 656 &:= 7^3 + 8^0 + 11^0 + 17^2 + 22^1 = 73 + 80 + 110 + 172 + 221 \\
 656 &:= 5^4 + 9^0 + 13^1 + 16^1 + 22^0 = 54 + 90 + 131 + 161 + 220 & 656 &:= 7^3 + 9^0 + 10^0 + 17^2 + 22^1 = 73 + 90 + 100 + 172 + 221 \\
 656 &:= 5^4 + 9^0 + 14^1 + 15^1 + 22^0 = 54 + 90 + 141 + 151 + 220 & 656 &:= 8^0 + 13^0 + 13^2 + 14^2 + 17^2 = 80 + 130 + 132 + 142 + 172 \\
 656 &:= 5^4 + 9^0 + 9^1 + 20^1 + 22^0 = 54 + 90 + 91 + 201 + 220 & 656 &:= 8^0 + 8^3 + 11^2 + 17^0 + 21^1 = 80 + 83 + 112 + 170 + 211 \\
 656 &:= 5^4 + 9^1 + 10^0 + 20^1 + 21^0 = 54 + 91 + 100 + 201 + 210 & 656 &:= 8^1 + 10^1 + 12^0 + 14^2 + 21^2 = 81 + 101 + 120 + 142 + 212 \\
 656 &:= 5^4 + 9^1 + 11^0 + 20^0 + 20^1 = 54 + 91 + 110 + 200 + 201 & 656 &:= 8^3 + 10^0 + 11^2 + 15^0 + 21^1 = 83 + 100 + 112 + 150 + 211 \\
 656 &:= 5^4 + 9^1 + 12^0 + 19^0 + 20^1 = 54 + 91 + 120 + 190 + 201 & 656 &:= 8^3 + 11^0 + 11^2 + 14^0 + 21^1 = 83 + 110 + 112 + 140 + 211 \\
 656 &:= 5^4 + 9^1 + 13^0 + 18^0 + 20^1 = 54 + 91 + 130 + 180 + 201 & 656 &:= 8^3 + 11^2 + 12^0 + 13^0 + 21^1 = 83 + 112 + 120 + 130 + 211 \\
 656 &:= 5^4 + 9^1 + 14^0 + 17^0 + 20^1 = 54 + 91 + 140 + 170 + 201 & 656 &:= 8^3 + 9^0 + 11^2 + 16^0 + 21^1 = 83 + 90 + 112 + 160 + 211 \\
 656 &:= 5^4 + 9^1 + 15^0 + 16^0 + 20^1 = 54 + 91 + 150 + 160 + 201 & 656 &:= 9^0 + 12^0 + 13^2 + 14^2 + 17^2 = 90 + 120 + 132 + 142 + 172 \\
 656 &:= 6^0 + 10^1 + 10^2 + 16^1 + 23^2 = 60 + 101 + 102 + 161 + 232 & 656 &:= 9^1 + 9^1 + 12^0 + 14^2 + 21^2 = 91 + 91 + 120 + 142 + 212 \\
 656 &:= 6^0 + 10^2 + 11^1 + 15^1 + 23^2 = 60 + 102 + 111 + 151 + 232 \\
 656 &:= 6^0 + 10^2 + 12^1 + 14^1 + 23^2 = 60 + 102 + 121 + 141 + 232
 \end{aligned}$$

$657 := 1^2 + 5^4 + 29^0 + 30^1$	$= 12 + 54 + 290 + 301$	$657 := 1^2 + 3^0 + 12^2 + 22^2 + 27^1$	$= 12 + 30 + 122 + 222 + 271$
$657 := 1^4 + 9^0 + 25^2 + 30^1$	$= 14 + 90 + 252 + 301$	$657 := 1^2 + 3^2 + 15^0 + 21^1 + 25^2$	$= 12 + 32 + 150 + 211 + 252$
$657 := 11^2 + 15^2 + 17^2 + 22^1$	$= 112 + 152 + 172 + 221$	$657 := 1^2 + 4^2 + 14^1 + 21^0 + 25^2$	$= 12 + 42 + 141 + 210 + 252$
$657 := 2^2 + 15^2 + 20^2 + 28^1$	$= 22 + 152 + 202 + 281$	$657 := 1^2 + 5^0 + 10^2 + 23^2 + 26^1$	$= 12 + 50 + 102 + 232 + 261$
$657 := 2^2 + 3^3 + 25^2 + 35^0$	$= 22 + 33 + 252 + 350$	$657 := 1^2 + 5^1 + 11^2 + 23^2 + 25^0$	$= 12 + 51 + 112 + 232 + 250$
$657 := 2^2 + 5^4 + 27^1 + 31^0$	$= 22 + 54 + 271 + 310$	$657 := 1^2 + 5^1 + 17^2 + 19^2 + 23^0$	$= 12 + 51 + 172 + 192 + 230$
$657 := 2^3 + 18^2 + 18^2 + 27^0$	$= 23 + 182 + 182 + 270$	$657 := 1^2 + 5^3 + 10^0 + 23^2 + 26^0$	$= 12 + 53 + 100 + 232 + 260$
$657 := 2^4 + 15^1 + 23^0 + 25^2$	$= 24 + 151 + 230 + 252$	$657 := 1^2 + 5^3 + 11^0 + 23^2 + 25^0$	$= 12 + 53 + 110 + 232 + 250$
$657 := 2^7 + 2^9 + 16^1 + 44^0$	$= 27 + 29 + 161 + 440$	$657 := 1^2 + 5^3 + 12^0 + 23^2 + 24^0$	$= 12 + 53 + 120 + 232 + 240$
$657 := 3^0 + 4^4 + 19^2 + 39^1$	$= 30 + 44 + 192 + 391$	$657 := 1^2 + 5^3 + 13^0 + 23^0 + 23^2$	$= 12 + 53 + 130 + 230 + 232$
$657 := 3^2 + 5^4 + 22^1 + 35^0$	$= 32 + 54 + 221 + 350$	$657 := 1^2 + 5^3 + 14^0 + 22^0 + 23^2$	$= 12 + 53 + 140 + 220 + 232$
$657 := 3^3 + 10^2 + 23^2 + 29^0$	$= 33 + 102 + 232 + 290$	$657 := 1^2 + 5^3 + 15^0 + 21^0 + 23^2$	$= 12 + 53 + 150 + 210 + 232$
$657 := 4^2 + 4^3 + 24^2 + 33^0$	$= 42 + 43 + 242 + 330$	$657 := 1^2 + 5^3 + 16^0 + 20^0 + 23^2$	$= 12 + 53 + 160 + 200 + 232$
$657 := 4^2 + 5^4 + 15^1 + 41^0$	$= 42 + 54 + 151 + 410$	$657 := 1^2 + 5^3 + 17^0 + 19^0 + 23^2$	$= 12 + 53 + 170 + 190 + 232$
$657 := 5^2 + 11^2 + 22^2 + 27^1$	$= 52 + 112 + 222 + 271$	$657 := 1^2 + 5^3 + 18^0 + 18^0 + 23^2$	$= 12 + 53 + 180 + 180 + 232$
$657 := 5^2 + 5^2 + 24^2 + 31^1$	$= 52 + 52 + 242 + 311$	$657 := 1^2 + 5^3 + 9^0 + 23^2 + 27^0$	$= 12 + 53 + 90 + 232 + 270$
$657 := 5^2 + 5^4 + 6^1 + 49^0$	$= 52 + 54 + 61 + 490$	$657 := 1^2 + 7^1 + 18^2 + 18^2 + 21^0$	$= 12 + 71 + 182 + 182 + 210$
$657 := 5^3 + 8^3 + 19^1 + 33^0$	$= 53 + 83 + 191 + 330$	$657 := 1^2 + 8^2 + 15^1 + 17^0 + 24^2$	$= 12 + 82 + 151 + 170 + 242$
$657 := 6^2 + 14^2 + 20^2 + 25^1$	$= 62 + 142 + 202 + 251$	$657 := 1^3 + 3^1 + 9^0 + 25^2 + 27^1$	$= 13 + 31 + 90 + 252 + 271$
$657 := 6^2 + 8^2 + 23^2 + 28^1$	$= 62 + 82 + 232 + 281$	$657 := 1^3 + 4^1 + 9^0 + 25^2 + 26^1$	$= 13 + 41 + 90 + 252 + 261$
$657 := 7^3 + 12^2 + 13^2 + 33^0$	$= 73 + 122 + 132 + 330$	$657 := 1^3 + 5^1 + 9^0 + 25^1 + 25^2$	$= 13 + 51 + 90 + 251 + 252$
$657 := 8^2 + 13^2 + 20^2 + 24^1$	$= 82 + 132 + 202 + 241$	$657 := 1^3 + 6^1 + 9^0 + 24^1 + 25^2$	$= 13 + 61 + 90 + 241 + 252$
$657 := 1^0 + 11^2 + 15^2 + 17^2 + 21^1$	$= 10 + 112 + 152 + 172 + 211$	$657 := 1^3 + 7^1 + 9^0 + 23^1 + 25^2$	$= 13 + 71 + 90 + 231 + 252$
$657 := 1^0 + 2^2 + 15^2 + 20^2 + 27^1$	$= 10 + 22 + 152 + 202 + 271$	$657 := 1^3 + 8^1 + 9^0 + 22^1 + 25^2$	$= 13 + 81 + 90 + 221 + 252$
$657 := 1^0 + 2^4 + 14^1 + 23^0 + 25^2$	$= 10 + 24 + 141 + 230 + 252$	$657 := 1^3 + 9^0 + 10^1 + 20^1 + 25^2$	$= 13 + 90 + 101 + 201 + 252$
$657 := 1^0 + 3^3 + 12^2 + 22^2 + 27^0$	$= 10 + 33 + 122 + 222 + 270$	$657 := 1^3 + 9^0 + 11^1 + 19^1 + 25^2$	$= 13 + 90 + 111 + 191 + 252$
$657 := 1^0 + 5^2 + 11^2 + 22^2 + 26^1$	$= 10 + 52 + 112 + 222 + 261$	$657 := 1^3 + 9^0 + 12^1 + 18^1 + 25^2$	$= 13 + 90 + 121 + 181 + 252$
$657 := 1^0 + 5^3 + 13^2 + 19^2 + 27^0$	$= 10 + 53 + 132 + 192 + 270$	$657 := 1^3 + 9^0 + 13^1 + 17^1 + 25^2$	$= 13 + 90 + 131 + 171 + 252$
$657 := 1^0 + 6^2 + 14^2 + 20^2 + 24^1$	$= 10 + 62 + 142 + 202 + 241$	$657 := 1^3 + 9^0 + 14^1 + 16^1 + 25^2$	$= 13 + 90 + 141 + 161 + 252$
$657 := 1^0 + 6^2 + 8^2 + 23^2 + 27^1$	$= 10 + 62 + 82 + 232 + 271$	$657 := 1^3 + 9^0 + 15^1 + 15^1 + 25^2$	$= 13 + 90 + 151 + 151 + 252$
$657 := 1^0 + 8^2 + 13^2 + 20^2 + 23^1$	$= 10 + 82 + 132 + 202 + 231$	$657 := 1^3 + 9^0 + 9^1 + 21^1 + 25^2$	$= 13 + 90 + 91 + 211 + 252$
$657 := 1^1 + 2^3 + 15^0 + 22^1 + 25^2$	$= 11 + 23 + 150 + 221 + 252$	$657 := 1^8 + 2^6 + 15^1 + 22^0 + 24^2$	$= 18 + 26 + 151 + 220 + 242$
$657 := 1^1 + 4^3 + 15^1 + 21^0 + 24^2$	$= 11 + 43 + 151 + 210 + 242$	$657 := 10^1 + 11^0 + 14^2 + 15^2 + 15^2$	$= 101 + 110 + 142 + 152 + 152$
$657 := 1^1 + 7^3 + 17^0 + 17^2 + 23^1$	$= 11 + 73 + 170 + 172 + 231$	$657 := 10^2 + 11^0 + 11^1 + 16^2 + 17^2$	$= 102 + 110 + 111 + 162 + 172$
$657 := 1^1 + 8^3 + 11^2 + 22^1 + 23^0$	$= 11 + 83 + 112 + 221 + 230$	$657 := 10^2 + 11^0 + 12^1 + 12^2 + 20^2$	$= 102 + 110 + 121 + 122 + 202$
$657 := 1^2 + 11^0 + 14^2 + 18^1 + 21^2$	$= 12 + 110 + 142 + 181 + 212$	$657 := 2^0 + 2^4 + 14^1 + 22^0 + 25^2$	$= 20 + 24 + 141 + 220 + 252$
$657 := 1^2 + 2^1 + 13^2 + 22^2 + 27^0$	$= 12 + 21 + 132 + 222 + 270$	$657 := 2^0 + 3^3 + 12^2 + 22^2 + 26^0$	$= 20 + 33 + 122 + 222 + 260$
$657 := 1^2 + 2^2 + 11^0 + 25^2 + 26^1$	$= 12 + 22 + 110 + 252 + 261$	$657 := 2^0 + 5^3 + 13^2 + 19^2 + 26^0$	$= 20 + 53 + 132 + 192 + 260$

$$\begin{aligned} 657 &:= 2^1 + 13^2 + 14^2 + 17^2 + 19^0 = 21 + 132 + 142 + 172 + 190 & 657 &:= 2^3 + 9^1 + 14^1 + 15^0 + 25^2 = 23 + 91 + 141 + 150 + 252 \\ 657 &:= 2^1 + 2^2 + 11^2 + 23^2 + 27^0 = 21 + 22 + 112 + 232 + 270 & 657 &:= 2^4 + 10^0 + 14^0 + 14^1 + 25^2 = 24 + 100 + 140 + 141 + 252 \\ 657 &:= 2^1 + 2^2 + 17^2 + 19^2 + 25^0 = 21 + 22 + 172 + 192 + 250 & 657 &:= 2^4 + 11^0 + 13^0 + 14^1 + 25^2 = 24 + 110 + 130 + 141 + 252 \\ 657 &:= 2^1 + 2^3 + 15^0 + 21^1 + 25^2 = 21 + 23 + 150 + 211 + 252 & 657 &:= 2^4 + 12^0 + 12^0 + 14^1 + 25^2 = 24 + 120 + 120 + 141 + 252 \\ 657 &:= 2^1 + 4^3 + 14^1 + 21^0 + 24^2 = 21 + 43 + 141 + 210 + 242 & 657 &:= 2^4 + 3^0 + 14^1 + 21^0 + 25^2 = 24 + 30 + 141 + 210 + 252 \\ 657 &:= 2^1 + 5^2 + 10^2 + 23^2 + 25^0 = 21 + 52 + 102 + 232 + 250 & 657 &:= 2^4 + 4^0 + 14^1 + 20^0 + 25^2 = 24 + 40 + 141 + 200 + 252 \\ 657 &:= 2^1 + 7^2 + 11^2 + 22^2 + 23^0 = 21 + 72 + 112 + 222 + 230 & 657 &:= 2^4 + 5^0 + 14^1 + 19^0 + 25^2 = 24 + 50 + 141 + 190 + 252 \\ 657 &:= 2^1 + 7^3 + 17^0 + 17^2 + 22^1 = 21 + 73 + 170 + 172 + 221 & 657 &:= 2^4 + 6^0 + 14^1 + 18^0 + 25^2 = 24 + 60 + 141 + 180 + 252 \\ 657 &:= 2^1 + 8^3 + 11^2 + 21^1 + 23^0 = 21 + 83 + 112 + 211 + 230 & 657 &:= 2^4 + 7^0 + 14^1 + 17^0 + 25^2 = 24 + 70 + 141 + 170 + 252 \\ 657 &:= 2^2 + 13^0 + 14^2 + 15^1 + 21^2 = 22 + 130 + 142 + 151 + 212 & 657 &:= 2^4 + 8^0 + 14^1 + 16^0 + 25^2 = 24 + 80 + 141 + 160 + 252 \\ 657 &:= 2^2 + 2^2 + 13^0 + 23^1 + 25^2 = 22 + 22 + 130 + 231 + 252 & 657 &:= 2^4 + 9^0 + 14^1 + 15^0 + 25^2 = 24 + 90 + 141 + 150 + 252 \\ 657 &:= 2^2 + 3^2 + 17^0 + 18^1 + 25^2 = 22 + 32 + 170 + 181 + 252 & 657 &:= 2^7 + 2^9 + 15^1 + 18^0 + 27^0 = 27 + 29 + 151 + 180 + 270 \\ 657 &:= 2^2 + 4^1 + 18^2 + 18^2 + 23^0 = 22 + 41 + 182 + 182 + 230 & 657 &:= 2^7 + 2^9 + 15^1 + 19^0 + 26^0 = 27 + 29 + 151 + 190 + 260 \\ 657 &:= 2^2 + 4^2 + 11^1 + 23^0 + 25^2 = 22 + 42 + 111 + 230 + 252 & 657 &:= 2^7 + 2^9 + 15^1 + 20^0 + 25^0 = 27 + 29 + 151 + 200 + 250 \\ 657 &:= 2^2 + 5^0 + 12^2 + 22^2 + 24^1 = 22 + 50 + 122 + 222 + 241 & 657 &:= 2^7 + 2^9 + 15^1 + 21^0 + 24^0 = 27 + 29 + 151 + 210 + 240 \\ 657 &:= 2^2 + 5^0 + 5^4 + 26^1 + 27^0 = 22 + 50 + 54 + 261 + 270 & 657 &:= 2^7 + 2^9 + 15^1 + 22^0 + 23^0 = 27 + 29 + 151 + 220 + 230 \\ 657 &:= 2^2 + 5^0 + 7^2 + 24^2 + 27^1 = 22 + 50 + 72 + 242 + 271 & 657 &:= 3^0 + 12^2 + 13^2 + 18^2 + 19^1 = 30 + 122 + 132 + 182 + 191 \\ 657 &:= 2^2 + 5^4 + 10^0 + 22^0 + 26^1 = 22 + 54 + 100 + 220 + 261 & 657 &:= 3^0 + 3^3 + 12^2 + 22^2 + 25^0 = 30 + 33 + 122 + 222 + 250 \\ 657 &:= 2^2 + 5^4 + 11^0 + 21^0 + 26^1 = 22 + 54 + 110 + 210 + 261 & 657 &:= 3^0 + 4^2 + 16^2 + 19^2 + 23^1 = 30 + 42 + 162 + 192 + 231 \\ 657 &:= 2^2 + 5^4 + 12^0 + 20^0 + 26^1 = 22 + 54 + 120 + 200 + 261 & 657 &:= 3^0 + 5^3 + 13^2 + 19^2 + 25^0 = 30 + 53 + 132 + 192 + 250 \\ 657 &:= 2^2 + 5^4 + 13^0 + 19^0 + 26^1 = 22 + 54 + 130 + 190 + 261 & 657 &:= 3^0 + 7^2 + 10^2 + 22^2 + 23^1 = 30 + 72 + 102 + 222 + 231 \\ 657 &:= 2^2 + 5^4 + 14^0 + 18^0 + 26^1 = 22 + 54 + 140 + 180 + 261 & 657 &:= 3^0 + 7^2 + 12^2 + 21^2 + 22^1 = 30 + 72 + 122 + 212 + 221 \\ 657 &:= 2^2 + 5^4 + 15^0 + 17^0 + 26^1 = 22 + 54 + 150 + 170 + 261 & 657 &:= 3^0 + 7^2 + 15^2 + 19^2 + 21^1 = 30 + 72 + 152 + 192 + 211 \\ 657 &:= 2^2 + 5^4 + 16^0 + 16^0 + 26^1 = 22 + 54 + 160 + 160 + 261 & 657 &:= 3^0 + 8^3 + 10^2 + 17^1 + 27^1 = 30 + 83 + 102 + 171 + 271 \\ 657 &:= 2^2 + 5^4 + 6^0 + 26^0 + 26^1 = 22 + 54 + 60 + 260 + 261 & 657 &:= 3^0 + 8^3 + 10^2 + 18^1 + 26^1 = 30 + 83 + 102 + 181 + 261 \\ 657 &:= 2^2 + 5^4 + 7^0 + 25^0 + 26^1 = 22 + 54 + 70 + 250 + 261 & 657 &:= 3^0 + 8^3 + 10^2 + 19^1 + 25^1 = 30 + 83 + 102 + 191 + 251 \\ 657 &:= 2^2 + 5^4 + 8^0 + 24^0 + 26^1 = 22 + 54 + 80 + 240 + 261 & 657 &:= 3^0 + 8^3 + 10^2 + 20^1 + 24^1 = 30 + 83 + 102 + 201 + 241 \\ 657 &:= 2^2 + 5^4 + 9^0 + 23^0 + 26^1 = 22 + 54 + 90 + 230 + 261 & 657 &:= 3^0 + 8^3 + 10^2 + 21^1 + 23^1 = 30 + 83 + 102 + 211 + 231 \\ 657 &:= 2^2 + 7^0 + 10^2 + 23^1 + 23^2 = 22 + 70 + 102 + 231 + 232 & 657 &:= 3^0 + 8^3 + 10^2 + 22^1 + 22^1 = 30 + 83 + 102 + 221 + 221 \\ 657 &:= 2^2 + 8^2 + 12^1 + 19^0 + 24^2 = 22 + 82 + 121 + 190 + 242 & 657 &:= 3^1 + 4^2 + 14^2 + 21^2 + 23^0 = 31 + 42 + 142 + 212 + 230 \\ 657 &:= 2^3 + 10^1 + 13^1 + 15^0 + 25^2 = 23 + 101 + 131 + 150 + 252 & 657 &:= 3^1 + 4^3 + 13^1 + 21^0 + 24^2 = 31 + 43 + 131 + 210 + 242 \\ 657 &:= 2^3 + 11^1 + 12^1 + 15^0 + 25^2 = 23 + 111 + 121 + 150 + 252 & 657 &:= 3^1 + 5^2 + 12^2 + 22^2 + 23^0 = 31 + 52 + 122 + 222 + 230 \\ 657 &:= 2^3 + 3^1 + 15^0 + 20^1 + 25^2 = 23 + 31 + 150 + 201 + 252 & 657 &:= 3^1 + 6^2 + 16^2 + 19^2 + 21^0 = 31 + 62 + 162 + 192 + 210 \\ 657 &:= 2^3 + 4^1 + 15^0 + 19^1 + 25^2 = 23 + 41 + 150 + 191 + 252 & 657 &:= 3^1 + 7^3 + 17^0 + 17^2 + 21^1 = 31 + 73 + 170 + 172 + 211 \\ 657 &:= 2^3 + 5^1 + 15^0 + 18^1 + 25^2 = 23 + 51 + 150 + 181 + 252 & 657 &:= 3^1 + 8^3 + 11^2 + 20^1 + 23^0 = 31 + 83 + 112 + 201 + 230 \\ 657 &:= 2^3 + 6^1 + 15^0 + 17^1 + 25^2 = 23 + 61 + 150 + 171 + 252 & 657 &:= 3^2 + 10^1 + 14^2 + 17^0 + 21^2 = 32 + 101 + 142 + 170 + 212 \\ 657 &:= 2^3 + 7^1 + 15^0 + 16^1 + 25^2 = 23 + 71 + 150 + 161 + 252 & 657 &:= 3^2 + 10^2 + 11^0 + 18^1 + 23^2 = 32 + 102 + 110 + 181 + 232 \\ 657 &:= 2^3 + 8^1 + 15^0 + 15^1 + 25^2 = 23 + 81 + 150 + 151 + 252 & 657 &:= 3^2 + 3^2 + 13^1 + 21^0 + 25^2 = 32 + 32 + 131 + 210 + 252 \end{aligned}$$

$$\begin{aligned} 657 &:= 3^2 + 4^2 + 6^1 + 25^2 + 27^0 = 32 + 42 + 61 + 252 + 270 & 657 &:= 4^2 + 5^4 + 14^1 + 20^0 + 22^0 = 42 + 54 + 141 + 200 + 220 \\ 657 &:= 3^2 + 5^0 + 15^2 + 20^2 + 22^1 = 32 + 50 + 152 + 202 + 221 & 657 &:= 4^2 + 5^4 + 14^1 + 21^0 + 21^0 = 42 + 54 + 141 + 210 + 210 \\ 657 &:= 3^2 + 5^4 + 10^0 + 21^1 + 26^0 = 32 + 54 + 100 + 211 + 260 & 657 &:= 4^2 + 7^2 + 15^0 + 15^1 + 24^2 = 42 + 72 + 150 + 151 + 242 \\ 657 &:= 3^2 + 5^4 + 11^0 + 21^1 + 25^0 = 32 + 54 + 110 + 211 + 250 & 657 &:= 4^3 + 5^1 + 11^1 + 21^0 + 24^2 = 43 + 51 + 111 + 210 + 242 \\ 657 &:= 3^2 + 5^4 + 12^0 + 21^1 + 24^0 = 32 + 54 + 120 + 211 + 240 & 657 &:= 4^3 + 6^1 + 10^1 + 21^0 + 24^2 = 43 + 61 + 101 + 210 + 242 \\ 657 &:= 3^2 + 5^4 + 13^0 + 21^1 + 23^0 = 32 + 54 + 130 + 211 + 230 & 657 &:= 4^3 + 7^1 + 9^1 + 21^0 + 24^2 = 43 + 71 + 91 + 210 + 242 \\ 657 &:= 3^2 + 5^4 + 14^0 + 21^1 + 22^0 = 32 + 54 + 140 + 211 + 220 & 657 &:= 4^3 + 8^1 + 8^1 + 21^0 + 24^2 = 43 + 81 + 81 + 210 + 242 \\ 657 &:= 3^2 + 5^4 + 15^0 + 21^0 + 21^1 = 32 + 54 + 150 + 210 + 211 & 657 &:= 5^0 + 5^2 + 13^2 + 21^1 + 21^2 = 50 + 52 + 132 + 211 + 212 \\ 657 &:= 3^2 + 5^4 + 16^0 + 20^0 + 21^1 = 32 + 54 + 160 + 200 + 211 & 657 &:= 5^0 + 5^3 + 13^2 + 19^2 + 23^0 = 50 + 53 + 132 + 192 + 230 \\ 657 &:= 3^2 + 5^4 + 17^0 + 19^0 + 21^1 = 32 + 54 + 170 + 190 + 211 & 657 &:= 5^0 + 9^2 + 14^2 + 18^1 + 19^2 = 50 + 92 + 142 + 181 + 192 \\ 657 &:= 3^2 + 5^4 + 18^0 + 18^0 + 21^1 = 32 + 54 + 180 + 180 + 211 & 657 &:= 5^1 + 11^2 + 13^2 + 17^0 + 19^2 = 51 + 112 + 132 + 170 + 192 \\ 657 &:= 3^2 + 5^4 + 9^0 + 21^1 + 27^0 = 32 + 54 + 90 + 211 + 270 & 657 &:= 5^1 + 5^2 + 5^4 + 23^0 + 27^0 = 51 + 52 + 54 + 230 + 270 \\ 657 &:= 3^2 + 7^1 + 8^2 + 23^0 + 24^2 = 32 + 71 + 82 + 230 + 242 & 657 &:= 5^1 + 5^2 + 5^4 + 24^0 + 26^0 = 51 + 52 + 54 + 240 + 260 \\ 657 &:= 3^2 + 7^2 + 9^0 + 22^1 + 24^2 = 32 + 72 + 90 + 221 + 242 & 657 &:= 5^1 + 5^2 + 5^4 + 25^0 + 25^0 = 51 + 52 + 54 + 250 + 250 \\ 657 &:= 3^2 + 9^0 + 12^2 + 19^1 + 22^2 = 32 + 90 + 122 + 191 + 222 & 657 &:= 5^1 + 7^3 + 17^0 + 17^2 + 19^1 = 51 + 73 + 170 + 172 + 191 \\ 657 &:= 3^3 + 10^0 + 12^2 + 18^0 + 22^2 = 33 + 100 + 122 + 180 + 222 & 657 &:= 5^1 + 8^3 + 11^2 + 18^1 + 23^0 = 51 + 83 + 112 + 181 + 230 \\ 657 &:= 3^3 + 11^0 + 12^2 + 17^0 + 22^2 = 33 + 110 + 122 + 170 + 222 & 657 &:= 5^2 + 11^0 + 14^1 + 16^2 + 19^2 = 52 + 110 + 141 + 162 + 192 \\ 657 &:= 3^3 + 12^0 + 12^2 + 16^0 + 22^2 = 33 + 120 + 122 + 160 + 222 & 657 &:= 5^2 + 6^1 + 15^2 + 19^0 + 20^2 = 52 + 61 + 152 + 190 + 202 \\ 657 &:= 3^3 + 12^2 + 13^0 + 15^0 + 22^2 = 33 + 122 + 130 + 150 + 222 & 657 &:= 5^2 + 6^1 + 7^2 + 23^0 + 24^2 = 52 + 61 + 72 + 230 + 242 \\ 657 &:= 3^3 + 12^2 + 14^0 + 14^0 + 22^2 = 33 + 122 + 140 + 140 + 222 & 657 &:= 5^2 + 6^2 + 11^0 + 19^1 + 24^2 = 52 + 62 + 110 + 191 + 242 \\ 657 &:= 3^3 + 4^0 + 12^2 + 22^2 + 24^0 = 33 + 40 + 122 + 222 + 240 & 657 &:= 5^2 + 7^0 + 17^2 + 18^1 + 18^2 = 52 + 70 + 172 + 181 + 182 \\ 657 &:= 3^3 + 5^0 + 12^2 + 22^2 + 23^0 = 33 + 50 + 122 + 222 + 230 & 657 &:= 5^2 + 7^0 + 9^2 + 21^1 + 23^2 = 52 + 70 + 92 + 211 + 232 \\ 657 &:= 3^3 + 6^0 + 12^2 + 22^0 + 22^2 = 33 + 60 + 122 + 220 + 222 & 657 &:= 5^3 + 10^0 + 13^2 + 18^0 + 19^2 = 53 + 100 + 132 + 180 + 192 \\ 657 &:= 3^3 + 7^0 + 12^2 + 21^0 + 22^2 = 33 + 70 + 122 + 210 + 222 & 657 &:= 5^3 + 11^0 + 13^2 + 17^0 + 19^2 = 53 + 110 + 132 + 170 + 192 \\ 657 &:= 3^3 + 8^0 + 12^2 + 20^0 + 22^2 = 33 + 80 + 122 + 200 + 222 & 657 &:= 5^3 + 12^0 + 13^2 + 16^0 + 19^2 = 53 + 120 + 132 + 160 + 192 \\ 657 &:= 3^3 + 9^0 + 12^2 + 19^0 + 22^2 = 33 + 90 + 122 + 190 + 222 & 657 &:= 5^3 + 13^0 + 13^2 + 15^0 + 19^2 = 53 + 130 + 132 + 150 + 192 \\ 657 &:= 4^0 + 5^3 + 13^2 + 19^2 + 24^0 = 40 + 53 + 132 + 192 + 240 & 657 &:= 5^3 + 13^2 + 14^0 + 14^0 + 19^2 = 53 + 132 + 140 + 140 + 192 \\ 657 &:= 4^1 + 4^3 + 12^1 + 21^0 + 24^2 = 41 + 43 + 121 + 210 + 242 & 657 &:= 5^3 + 6^0 + 13^2 + 19^2 + 22^0 = 53 + 60 + 132 + 192 + 220 \\ 657 &:= 4^1 + 7^3 + 17^0 + 17^2 + 20^1 = 41 + 73 + 170 + 172 + 201 & 657 &:= 5^3 + 7^0 + 13^2 + 19^2 + 21^0 = 53 + 70 + 132 + 192 + 210 \\ 657 &:= 4^1 + 8^3 + 11^2 + 19^1 + 23^0 = 41 + 83 + 112 + 191 + 230 & 657 &:= 5^3 + 7^0 + 8^3 + 18^1 + 27^0 = 53 + 70 + 83 + 181 + 270 \\ 657 &:= 4^2 + 10^2 + 11^1 + 17^0 + 23^2 = 42 + 102 + 111 + 170 + 232 & 657 &:= 5^3 + 8^0 + 13^2 + 19^2 + 20^0 = 53 + 80 + 132 + 192 + 200 \\ 657 &:= 4^2 + 11^0 + 15^1 + 15^2 + 20^2 = 42 + 110 + 151 + 152 + 202 & 657 &:= 5^3 + 8^0 + 8^3 + 18^1 + 26^0 = 53 + 80 + 83 + 181 + 260 \\ 657 &:= 4^2 + 12^1 + 12^2 + 15^0 + 22^2 = 42 + 121 + 122 + 150 + 222 & 657 &:= 5^3 + 8^3 + 10^0 + 18^1 + 24^0 = 53 + 83 + 100 + 181 + 240 \\ 657 &:= 4^2 + 5^4 + 14^1 + 15^0 + 27^0 = 42 + 54 + 141 + 150 + 270 & 657 &:= 5^3 + 8^3 + 11^0 + 18^1 + 23^0 = 53 + 83 + 110 + 181 + 230 \\ 657 &:= 4^2 + 5^4 + 14^1 + 16^0 + 26^0 = 42 + 54 + 141 + 160 + 260 & 657 &:= 5^3 + 8^3 + 12^0 + 18^1 + 22^0 = 53 + 83 + 120 + 181 + 220 \\ 657 &:= 4^2 + 5^4 + 14^1 + 17^0 + 25^0 = 42 + 54 + 141 + 170 + 250 & 657 &:= 5^3 + 8^3 + 13^0 + 18^1 + 21^0 = 53 + 83 + 130 + 181 + 210 \\ 657 &:= 4^2 + 5^4 + 14^1 + 18^0 + 24^0 = 42 + 54 + 141 + 180 + 240 & 657 &:= 5^3 + 8^3 + 14^0 + 18^1 + 20^0 = 53 + 83 + 140 + 181 + 200 \\ 657 &:= 4^2 + 5^4 + 14^1 + 19^0 + 23^0 = 42 + 54 + 141 + 190 + 230 & 657 &:= 5^3 + 8^3 + 15^0 + 18^1 + 19^0 = 53 + 83 + 150 + 181 + 190 \end{aligned}$$

$657 := 5^3 + 8^3 + 16^0 + 18^0 + 18^1 = 53 + 83 + 160 + 180 + 181$	$657 := 7^2 + 11^1 + 13^0 + 14^2 + 20^2 = 72 + 111 + 130 + 142 + 202$
$657 := 5^3 + 8^3 + 17^0 + 17^0 + 18^1 = 53 + 83 + 170 + 170 + 181$	$657 := 7^2 + 8^2 + 13^0 + 14^1 + 23^2 = 72 + 82 + 130 + 141 + 232$
$657 := 5^3 + 8^3 + 9^0 + 18^1 + 25^0 = 53 + 83 + 90 + 181 + 250$	$657 := 7^3 + 10^1 + 14^1 + 17^0 + 17^2 = 73 + 101 + 141 + 170 + 172$
$657 := 5^3 + 9^0 + 13^2 + 19^0 + 19^2 = 53 + 90 + 132 + 190 + 192$	$657 := 7^3 + 11^1 + 13^1 + 17^0 + 17^2 = 73 + 111 + 131 + 170 + 172$
$657 := 6^1 + 13^2 + 15^0 + 15^2 + 16^2 = 61 + 132 + 150 + 152 + 162$	$657 := 7^3 + 12^1 + 12^1 + 17^0 + 17^2 = 73 + 121 + 121 + 170 + 172$
$657 := 6^1 + 7^3 + 17^0 + 17^2 + 18^1 = 61 + 73 + 170 + 172 + 181$	$657 := 7^3 + 8^1 + 16^1 + 17^0 + 17^2 = 73 + 81 + 161 + 170 + 172$
$657 := 6^1 + 8^2 + 15^2 + 17^0 + 19^2 = 61 + 82 + 152 + 170 + 192$	$657 := 7^3 + 9^1 + 15^1 + 17^0 + 17^2 = 73 + 91 + 151 + 170 + 172$
$657 := 6^1 + 8^3 + 11^2 + 17^1 + 23^0 = 61 + 83 + 112 + 171 + 230$	$657 := 8^1 + 13^0 + 14^2 + 14^2 + 16^2 = 81 + 130 + 142 + 142 + 162$
$657 := 6^1 + 9^2 + 13^2 + 17^0 + 20^2 = 61 + 92 + 132 + 170 + 202$	$657 := 8^1 + 8^2 + 10^2 + 17^0 + 22^2 = 81 + 82 + 102 + 170 + 222$
$657 := 6^2 + 10^1 + 13^2 + 15^0 + 21^2 = 62 + 101 + 132 + 150 + 212$	$657 := 8^1 + 8^3 + 11^2 + 15^1 + 23^0 = 81 + 83 + 112 + 151 + 230$
$657 := 6^2 + 11^0 + 11^2 + 15^1 + 22^2 = 62 + 110 + 112 + 151 + 222$	$657 := 8^2 + 11^0 + 12^1 + 16^2 + 18^2 = 82 + 110 + 121 + 162 + 182$
$657 := 6^2 + 6^2 + 8^1 + 21^0 + 24^2 = 62 + 62 + 81 + 210 + 242$	$657 := 8^2 + 9^0 + 14^1 + 17^2 + 17^2 = 82 + 90 + 141 + 172 + 172$
$657 := 6^2 + 7^1 + 17^0 + 17^2 + 18^2 = 62 + 71 + 170 + 172 + 182$	$657 := 8^3 + 10^1 + 11^2 + 13^1 + 23^0 = 83 + 101 + 112 + 131 + 230$
$657 := 6^2 + 9^2 + 10^1 + 17^0 + 23^2 = 62 + 92 + 101 + 170 + 232$	$657 := 8^3 + 11^1 + 11^2 + 12^1 + 23^0 = 83 + 111 + 112 + 121 + 230$
$657 := 7^0 + 11^2 + 14^2 + 15^1 + 18^2 = 70 + 112 + 142 + 151 + 182$	$657 := 8^3 + 9^1 + 11^2 + 14^1 + 23^0 = 83 + 91 + 112 + 141 + 230$
$657 := 7^1 + 10^2 + 15^0 + 15^2 + 18^2 = 71 + 102 + 150 + 152 + 182$	$657 := 9^0 + 10^2 + 10^2 + 15^1 + 21^2 = 90 + 102 + 102 + 151 + 212$
$657 := 7^1 + 12^2 + 12^2 + 15^0 + 19^2 = 71 + 122 + 122 + 150 + 192$	$657 := 9^0 + 11^2 + 11^2 + 14^1 + 20^2 = 90 + 112 + 112 + 141 + 202$
$657 := 7^1 + 7^3 + 17^0 + 17^1 + 17^2 = 71 + 73 + 170 + 171 + 172$	$657 := 9^2 + 11^0 + 11^2 + 13^1 + 21^2 = 92 + 110 + 112 + 131 + 212$
$657 := 7^1 + 8^2 + 12^2 + 17^0 + 21^2 = 71 + 82 + 122 + 170 + 212$	$657 := 9^2 + 9^2 + 10^1 + 15^0 + 22^2 = 92 + 92 + 101 + 150 + 222$
$657 := 7^1 + 8^3 + 11^2 + 16^1 + 23^0 = 71 + 83 + 112 + 161 + 230$	

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$658 := 1^2 + 4^4 + 20^2 + 40^0 = 12 + 44 + 202 + 400$	$658 := 1^1 + 2^3 + 18^2 + 18^2 + 26^0 = 11 + 23 + 182 + 182 + 260$
$658 := 1^3 + 5^4 + 28^0 + 31^1 = 13 + 54 + 280 + 311$	$658 := 1^1 + 2^4 + 15^1 + 22^0 + 25^2 = 11 + 24 + 151 + 220 + 252$
$658 := 1^3 + 8^3 + 12^2 + 44^0 = 13 + 83 + 122 + 440$	$658 := 1^2 + 12^2 + 16^2 + 16^2 + 20^0 = 12 + 122 + 162 + 162 + 200$
$658 := 1^4 + 16^2 + 20^2 + 28^0 = 14 + 162 + 202 + 280$	$658 := 1^2 + 2^3 + 14^0 + 23^1 + 25^2 = 12 + 23 + 140 + 231 + 252$
$658 := 1^5 + 8^0 + 25^2 + 31^1 = 15 + 80 + 252 + 311$	$658 := 1^2 + 4^3 + 16^1 + 20^0 + 24^2 = 12 + 43 + 161 + 200 + 242$
$658 := 1^7 + 2^9 + 12^2 + 49^0 = 17 + 29 + 122 + 490$	$658 := 1^2 + 7^3 + 16^0 + 17^2 + 24^1 = 12 + 73 + 160 + 172 + 241$
$658 := 1^8 + 2^8 + 20^2 + 41^0 = 18 + 28 + 202 + 410$	$658 := 1^2 + 8^3 + 11^2 + 22^0 + 23^1 = 12 + 83 + 112 + 220 + 231$
$658 := 2^3 + 5^4 + 24^1 + 34^0 = 23 + 54 + 241 + 340$	$658 := 1^3 + 10^0 + 14^2 + 19^1 + 21^2 = 13 + 100 + 142 + 191 + 212$
$658 := 2^4 + 4^2 + 25^2 + 34^0 = 24 + 42 + 252 + 340$	$658 := 1^3 + 2^2 + 10^0 + 25^2 + 27^1 = 13 + 22 + 100 + 252 + 271$
$658 := 3^3 + 5^1 + 5^4 + 52^0 = 33 + 51 + 54 + 520$	$658 := 1^3 + 3^1 + 13^2 + 22^2 + 26^0 = 13 + 31 + 132 + 222 + 260$
$658 := 3^5 + 14^1 + 20^2 + 28^0 = 35 + 141 + 202 + 280$	$658 := 1^3 + 3^2 + 14^0 + 22^1 + 25^2 = 13 + 32 + 140 + 221 + 252$
$658 := 4^2 + 4^2 + 5^4 + 52^0 = 42 + 42 + 54 + 520$	$658 := 1^3 + 4^0 + 10^2 + 23^2 + 27^1 = 13 + 40 + 102 + 232 + 271$
$658 := 4^3 + 4^3 + 23^2 + 34^0 = 43 + 43 + 232 + 340$	$658 := 1^3 + 4^2 + 15^1 + 20^0 + 25^2 = 13 + 42 + 151 + 200 + 252$
$658 := 4^3 + 8^3 + 9^2 + 44^0 = 43 + 83 + 92 + 440$	$658 := 1^3 + 6^1 + 11^2 + 23^2 + 24^0 = 13 + 61 + 112 + 232 + 240$
$658 := 6^3 + 6^3 + 15^2 + 38^0 = 63 + 63 + 152 + 380$	$658 := 1^3 + 6^1 + 17^2 + 19^2 + 22^0 = 13 + 61 + 172 + 192 + 220$

$658 := 1^3 + 8^1 + 18^2 + 18^2 + 20^0 = 13 + 81 + 182 + 182 + 200$	$658 := 2^2 + 8^3 + 11^2 + 20^1 + 24^0 = 22 + 83 + 112 + 201 + 240$
$658 := 1^3 + 8^2 + 16^0 + 16^1 + 24^2 = 13 + 82 + 160 + 161 + 242$	$658 := 2^3 + 10^0 + 10^2 + 20^1 + 23^2 = 23 + 100 + 102 + 201 + 232$
$658 := 1^4 + 4^1 + 8^0 + 25^2 + 27^1 = 14 + 41 + 80 + 252 + 271$	$658 := 2^3 + 12^1 + 14^2 + 16^0 + 21^2 = 23 + 121 + 142 + 160 + 212$
$658 := 1^4 + 5^1 + 8^0 + 25^2 + 26^1 = 14 + 51 + 80 + 252 + 261$	$658 := 2^3 + 3^2 + 15^1 + 20^0 + 25^2 = 23 + 32 + 151 + 200 + 252$
$658 := 1^4 + 6^1 + 8^0 + 25^1 + 25^2 = 14 + 61 + 80 + 251 + 252$	$658 := 2^3 + 4^0 + 15^2 + 20^2 + 24^1 = 23 + 40 + 152 + 202 + 241$
$658 := 1^4 + 7^1 + 8^0 + 24^1 + 25^2 = 14 + 71 + 80 + 241 + 252$	$658 := 2^3 + 4^2 + 8^1 + 25^2 + 26^0 = 23 + 42 + 81 + 252 + 260$
$658 := 1^4 + 8^0 + 10^1 + 21^1 + 25^2 = 14 + 80 + 101 + 211 + 252$	$658 := 2^3 + 5^4 + 10^0 + 23^1 + 25^0 = 23 + 54 + 100 + 231 + 250$
$658 := 1^4 + 8^0 + 11^1 + 20^1 + 25^2 = 14 + 80 + 111 + 201 + 252$	$658 := 2^3 + 5^4 + 11^0 + 23^1 + 24^0 = 23 + 54 + 110 + 231 + 240$
$658 := 1^4 + 8^0 + 12^1 + 19^1 + 25^2 = 14 + 80 + 121 + 191 + 252$	$658 := 2^3 + 5^4 + 12^0 + 23^0 + 23^1 = 23 + 54 + 120 + 230 + 231$
$658 := 1^4 + 8^0 + 13^1 + 18^1 + 25^2 = 14 + 80 + 131 + 181 + 252$	$658 := 2^3 + 5^4 + 13^0 + 22^0 + 23^1 = 23 + 54 + 130 + 220 + 231$
$658 := 1^4 + 8^0 + 14^1 + 17^1 + 25^2 = 14 + 80 + 141 + 171 + 252$	$658 := 2^3 + 5^4 + 14^0 + 21^0 + 23^1 = 23 + 54 + 140 + 210 + 231$
$658 := 1^4 + 8^0 + 15^1 + 16^1 + 25^2 = 14 + 80 + 151 + 161 + 252$	$658 := 2^3 + 5^4 + 15^0 + 20^0 + 23^1 = 23 + 54 + 150 + 200 + 231$
$658 := 1^4 + 8^0 + 8^1 + 23^1 + 25^2 = 14 + 80 + 81 + 231 + 252$	$658 := 2^3 + 5^4 + 16^0 + 19^0 + 23^1 = 23 + 54 + 160 + 190 + 231$
$658 := 1^4 + 8^0 + 9^1 + 22^1 + 25^2 = 14 + 80 + 91 + 221 + 252$	$658 := 2^3 + 5^4 + 17^0 + 18^0 + 23^1 = 23 + 54 + 170 + 180 + 231$
$658 := 1^6 + 2^9 + 11^2 + 23^1 + 27^0 = 16 + 29 + 112 + 231 + 270$	$658 := 2^3 + 5^4 + 8^0 + 23^1 + 27^0 = 23 + 54 + 80 + 231 + 270$
$658 := 1^9 + 2^6 + 16^1 + 21^0 + 24^2 = 19 + 26 + 161 + 210 + 242$	$658 := 2^3 + 5^4 + 9^0 + 23^1 + 26^0 = 23 + 54 + 90 + 231 + 260$
$658 := 1^9 + 3^4 + 15^2 + 18^2 + 27^1 = 19 + 34 + 152 + 182 + 271$	$658 := 2^3 + 7^2 + 8^0 + 24^1 + 24^2 = 23 + 72 + 80 + 241 + 242$
$658 := 11^2 + 12^2 + 14^0 + 14^2 + 14^2 = 112 + 122 + 140 + 142 + 142$	$658 := 2^3 + 8^0 + 12^2 + 21^1 + 22^2 = 23 + 80 + 122 + 211 + 222$
$658 := 12^2 + 12^2 + 12^2 + 14^0 + 15^2 = 122 + 122 + 122 + 140 + 152$	$658 := 2^3 + 8^2 + 9^1 + 22^0 + 24^2 = 23 + 82 + 91 + 220 + 242$
$658 := 2^0 + 3^5 + 13^1 + 20^2 + 27^0 = 20 + 35 + 131 + 202 + 270$	$658 := 2^4 + 3^1 + 13^1 + 22^0 + 25^2 = 24 + 31 + 131 + 220 + 252$
$658 := 2^0 + 4^4 + 13^1 + 19^2 + 27^1 = 20 + 44 + 131 + 192 + 271$	$658 := 2^4 + 4^0 + 8^2 + 24^2 + 27^0 = 24 + 40 + 82 + 242 + 270$
$658 := 2^0 + 4^4 + 14^1 + 19^2 + 26^1 = 20 + 44 + 141 + 192 + 261$	$658 := 2^4 + 4^1 + 12^1 + 22^0 + 25^2 = 24 + 41 + 121 + 220 + 252$
$658 := 2^0 + 4^4 + 15^1 + 19^2 + 25^1 = 20 + 44 + 151 + 192 + 251$	$658 := 2^4 + 5^0 + 8^2 + 24^2 + 26^0 = 24 + 50 + 82 + 242 + 260$
$658 := 2^0 + 4^4 + 16^1 + 19^2 + 24^1 = 20 + 44 + 161 + 192 + 241$	$658 := 2^4 + 5^1 + 11^1 + 22^0 + 25^2 = 24 + 51 + 111 + 220 + 252$
$658 := 2^0 + 4^4 + 17^1 + 19^2 + 23^1 = 20 + 44 + 171 + 192 + 231$	$658 := 2^4 + 6^0 + 8^2 + 24^2 + 25^0 = 24 + 60 + 82 + 242 + 250$
$658 := 2^0 + 4^4 + 18^1 + 19^2 + 22^1 = 20 + 44 + 181 + 192 + 221$	$658 := 2^4 + 6^1 + 10^1 + 22^0 + 25^2 = 24 + 61 + 101 + 220 + 252$
$658 := 2^0 + 4^4 + 19^1 + 19^2 + 21^1 = 20 + 44 + 191 + 192 + 211$	$658 := 2^4 + 7^0 + 8^2 + 24^0 + 24^2 = 24 + 70 + 82 + 240 + 242$
$658 := 2^0 + 4^4 + 19^2 + 20^1 + 20^1 = 20 + 44 + 192 + 201 + 201$	$658 := 2^4 + 7^1 + 9^1 + 22^0 + 25^2 = 24 + 71 + 91 + 220 + 252$
$658 := 2^0 + 5^3 + 12^2 + 19^2 + 27^1 = 20 + 53 + 122 + 192 + 271$	$658 := 2^4 + 8^0 + 8^2 + 23^0 + 24^2 = 24 + 80 + 82 + 230 + 242$
$658 := 2^1 + 2^4 + 14^1 + 22^0 + 25^2 = 21 + 24 + 141 + 220 + 252$	$658 := 2^4 + 8^1 + 8^1 + 22^0 + 25^2 = 24 + 81 + 81 + 220 + 252$
$658 := 2^1 + 3^3 + 12^2 + 22^2 + 26^0 = 21 + 33 + 122 + 222 + 260$	$658 := 2^4 + 8^2 + 10^0 + 21^0 + 24^2 = 24 + 82 + 100 + 210 + 242$
$658 := 2^1 + 5^3 + 13^2 + 19^2 + 26^0 = 21 + 53 + 132 + 192 + 260$	$658 := 2^4 + 8^2 + 11^0 + 20^0 + 24^2 = 24 + 82 + 110 + 200 + 242$
$658 := 2^2 + 2^3 + 16^0 + 20^1 + 25^2 = 22 + 23 + 160 + 201 + 252$	$658 := 2^4 + 8^2 + 12^0 + 19^0 + 24^2 = 24 + 82 + 120 + 190 + 242$
$658 := 2^2 + 4^2 + 14^2 + 21^2 + 24^0 = 22 + 42 + 142 + 212 + 240$	$658 := 2^4 + 8^2 + 13^0 + 18^0 + 24^2 = 24 + 82 + 130 + 180 + 242$
$658 := 2^2 + 4^3 + 13^1 + 22^0 + 24^2 = 22 + 43 + 131 + 220 + 242$	$658 := 2^4 + 8^2 + 14^0 + 17^0 + 24^2 = 24 + 82 + 140 + 170 + 242$
$658 := 2^2 + 5^2 + 12^2 + 22^2 + 24^0 = 22 + 52 + 122 + 222 + 240$	$658 := 2^4 + 8^2 + 15^0 + 16^0 + 24^2 = 24 + 82 + 150 + 160 + 242$
$658 := 2^2 + 6^2 + 16^2 + 19^2 + 22^0 = 22 + 62 + 162 + 192 + 220$	$658 := 2^4 + 8^2 + 9^0 + 22^0 + 24^2 = 24 + 82 + 90 + 220 + 242$
$658 := 2^2 + 7^3 + 17^2 + 18^0 + 21^1 = 22 + 73 + 172 + 180 + 211$	$658 := 2^7 + 2^7 + 14^1 + 19^2 + 27^1 = 27 + 27 + 141 + 192 + 271$

$$\begin{aligned} 658 &:= 2^7 + 2^7 + 15^1 + 19^2 + 26^1 = 27 + 27 + 151 + 192 + 261 & 658 &:= 4^0 + 5^3 + 8^2 + 21^2 + 27^1 = 40 + 53 + 82 + 212 + 271 \\ 658 &:= 2^7 + 2^7 + 16^1 + 19^2 + 25^1 = 27 + 27 + 161 + 192 + 251 & 658 &:= 4^2 + 10^2 + 10^2 + 20^0 + 21^2 = 42 + 102 + 102 + 200 + 212 \\ 658 &:= 2^7 + 2^7 + 17^1 + 19^2 + 24^1 = 27 + 27 + 171 + 192 + 241 & 658 &:= 4^2 + 11^2 + 14^2 + 18^0 + 18^2 = 42 + 112 + 142 + 180 + 182 \\ 658 &:= 2^7 + 2^7 + 18^1 + 19^2 + 23^1 = 27 + 27 + 181 + 192 + 231 & 658 &:= 4^2 + 4^2 + 15^2 + 20^2 + 22^0 = 42 + 42 + 152 + 202 + 220 \\ 658 &:= 2^7 + 2^7 + 19^1 + 19^2 + 22^1 = 27 + 27 + 191 + 192 + 221 & 658 &:= 4^2 + 4^2 + 7^2 + 24^2 + 26^0 = 42 + 42 + 72 + 242 + 260 \\ 658 &:= 2^7 + 2^7 + 19^2 + 20^1 + 21^1 = 27 + 27 + 192 + 201 + 211 & 658 &:= 4^2 + 6^2 + 11^2 + 22^0 + 22^2 = 42 + 62 + 112 + 220 + 222 \\ 658 &:= 2^7 + 2^8 + 16^2 + 17^1 + 27^0 = 27 + 28 + 162 + 171 + 270 & 658 &:= 4^2 + 6^3 + 10^0 + 20^2 + 25^1 = 42 + 63 + 100 + 202 + 251 \\ 658 &:= 2^8 + 2^8 + 12^2 + 21^0 + 27^0 = 28 + 28 + 122 + 210 + 270 & 658 &:= 4^3 + 12^0 + 15^1 + 17^2 + 17^2 = 43 + 120 + 151 + 172 + 172 \\ 658 &:= 2^8 + 2^8 + 12^2 + 22^0 + 26^0 = 28 + 28 + 122 + 220 + 260 & 658 &:= 4^3 + 13^1 + 14^0 + 16^2 + 18^2 = 43 + 131 + 140 + 162 + 182 \\ 658 &:= 2^8 + 2^8 + 12^2 + 23^0 + 25^0 = 28 + 28 + 122 + 230 + 250 & 658 &:= 4^3 + 7^1 + 15^2 + 19^2 + 20^0 = 43 + 71 + 152 + 192 + 200 \\ 658 &:= 2^8 + 2^8 + 12^2 + 24^0 + 24^0 = 28 + 28 + 122 + 240 + 240 & 658 &:= 4^3 + 7^2 + 15^1 + 16^0 + 23^2 = 43 + 72 + 151 + 160 + 232 \\ 658 &:= 3^0 + 3^5 + 13^1 + 20^2 + 26^0 = 30 + 35 + 131 + 202 + 260 & 658 &:= 4^3 + 8^1 + 12^2 + 20^0 + 21^2 = 43 + 81 + 122 + 200 + 212 \\ 658 &:= 3^2 + 14^2 + 14^2 + 16^2 + 18^0 = 32 + 142 + 142 + 162 + 180 & 658 &:= 4^3 + 9^1 + 10^2 + 20^0 + 22^2 = 43 + 91 + 102 + 200 + 222 \\ 658 &:= 3^2 + 4^3 + 8^1 + 24^2 + 26^0 = 32 + 43 + 81 + 242 + 260 & 658 &:= 4^4 + 10^0 + 12^2 + 16^2 + 23^0 = 44 + 100 + 122 + 162 + 230 \\ 658 &:= 3^2 + 6^2 + 6^2 + 24^2 + 26^0 = 32 + 62 + 62 + 242 + 260 & 658 &:= 4^4 + 11^0 + 12^2 + 16^2 + 22^0 = 44 + 110 + 122 + 162 + 220 \\ 658 &:= 3^2 + 7^3 + 16^1 + 17^2 + 22^0 = 32 + 73 + 161 + 172 + 220 & 658 &:= 4^4 + 12^0 + 12^2 + 16^2 + 21^0 = 44 + 120 + 122 + 162 + 210 \\ 658 &:= 3^2 + 8^2 + 10^2 + 22^0 + 22^2 = 32 + 82 + 102 + 220 + 222 & 658 &:= 4^4 + 12^2 + 13^0 + 16^2 + 20^0 = 44 + 122 + 130 + 162 + 200 \\ 658 &:= 3^3 + 10^0 + 17^1 + 17^2 + 18^2 = 33 + 100 + 171 + 172 + 182 & 658 &:= 4^4 + 12^2 + 14^0 + 16^2 + 19^0 = 44 + 122 + 140 + 162 + 190 \\ 658 &:= 3^3 + 13^1 + 14^0 + 16^2 + 19^2 = 33 + 131 + 140 + 162 + 192 & 658 &:= 4^4 + 12^2 + 15^0 + 16^2 + 18^0 = 44 + 122 + 150 + 162 + 180 \\ 658 &:= 3^3 + 4^0 + 11^2 + 22^2 + 25^1 = 33 + 40 + 112 + 222 + 251 & 658 &:= 4^4 + 12^2 + 16^0 + 16^2 + 17^0 = 44 + 122 + 160 + 162 + 170 \\ 658 &:= 3^3 + 4^1 + 5^4 + 26^0 + 27^0 = 33 + 41 + 54 + 260 + 270 & 658 &:= 4^4 + 6^0 + 12^2 + 16^2 + 27^0 = 44 + 60 + 122 + 162 + 270 \\ 658 &:= 3^3 + 5^1 + 15^2 + 20^2 + 22^0 = 33 + 51 + 152 + 202 + 220 & 658 &:= 4^4 + 7^0 + 12^2 + 16^2 + 26^0 = 44 + 70 + 122 + 162 + 260 \\ 658 &:= 3^3 + 5^1 + 7^2 + 24^2 + 26^0 = 33 + 51 + 72 + 242 + 260 & 658 &:= 4^4 + 8^0 + 12^2 + 16^2 + 25^0 = 44 + 80 + 122 + 162 + 250 \\ 658 &:= 3^3 + 6^2 + 14^0 + 18^1 + 24^2 = 33 + 62 + 140 + 181 + 242 & 658 &:= 4^4 + 9^0 + 12^2 + 16^2 + 24^0 = 44 + 90 + 122 + 162 + 240 \\ 658 &:= 3^3 + 8^0 + 13^2 + 20^1 + 21^2 = 33 + 80 + 132 + 201 + 212 & 658 &:= 5^2 + 5^3 + 10^0 + 22^2 + 23^1 = 52 + 53 + 100 + 222 + 231 \\ 658 &:= 3^3 + 9^2 + 10^0 + 20^1 + 23^2 = 33 + 92 + 100 + 201 + 232 & 658 &:= 5^2 + 6^2 + 14^2 + 20^0 + 20^2 = 52 + 62 + 142 + 200 + 202 \\ 658 &:= 3^5 + 10^0 + 13^1 + 19^0 + 20^2 = 35 + 100 + 131 + 190 + 202 & 658 &:= 5^2 + 6^3 + 16^1 + 18^0 + 20^2 = 52 + 63 + 161 + 180 + 202 \\ 658 &:= 3^5 + 11^0 + 13^1 + 18^0 + 20^2 = 35 + 110 + 131 + 180 + 202 & 658 &:= 5^2 + 8^3 + 10^2 + 20^1 + 22^0 = 52 + 83 + 102 + 201 + 220 \\ 658 &:= 3^5 + 12^0 + 13^1 + 17^0 + 20^2 = 35 + 120 + 131 + 170 + 202 & 658 &:= 5^3 + 10^0 + 15^2 + 17^2 + 18^1 = 53 + 100 + 152 + 172 + 181 \\ 658 &:= 3^5 + 13^0 + 13^1 + 16^0 + 20^2 = 35 + 130 + 131 + 160 + 202 & 658 &:= 5^3 + 11^1 + 11^2 + 18^0 + 20^2 = 53 + 111 + 112 + 180 + 202 \\ 658 &:= 3^5 + 13^1 + 14^0 + 15^0 + 20^2 = 35 + 131 + 140 + 150 + 202 & 658 &:= 5^3 + 12^1 + 14^2 + 16^0 + 18^2 = 53 + 121 + 142 + 160 + 182 \\ 658 &:= 3^5 + 4^0 + 13^1 + 20^2 + 25^0 = 35 + 40 + 131 + 202 + 250 & 658 &:= 5^3 + 6^2 + 12^1 + 20^0 + 22^2 = 53 + 62 + 121 + 200 + 222 \\ 658 &:= 3^5 + 5^0 + 13^1 + 20^2 + 24^0 = 35 + 50 + 131 + 202 + 240 & 658 &:= 5^3 + 8^0 + 16^2 + 16^2 + 20^1 = 53 + 80 + 162 + 162 + 201 \\ 658 &:= 3^5 + 6^0 + 13^1 + 20^2 + 23^0 = 35 + 60 + 131 + 202 + 230 & 658 &:= 5^3 + 9^2 + 10^1 + 20^0 + 21^2 = 53 + 92 + 101 + 200 + 212 \\ 658 &:= 3^5 + 7^0 + 13^1 + 20^2 + 22^0 = 35 + 70 + 131 + 202 + 220 & 658 &:= 6^2 + 10^2 + 11^2 + 18^0 + 20^2 = 62 + 102 + 112 + 180 + 202 \\ 658 &:= 3^5 + 8^0 + 13^1 + 20^2 + 21^0 = 35 + 80 + 131 + 202 + 210 & 658 &:= 6^2 + 13^2 + 14^2 + 16^0 + 16^2 = 62 + 132 + 142 + 160 + 162 \\ 658 &:= 3^5 + 9^0 + 13^1 + 20^0 + 20^2 = 35 + 90 + 131 + 200 + 202 & 658 &:= 6^2 + 6^2 + 12^2 + 20^0 + 21^2 = 62 + 62 + 122 + 200 + 212 \\ 658 &:= 4^0 + 4^3 + 13^2 + 20^2 + 24^1 = 40 + 43 + 132 + 202 + 241 & 658 &:= 6^2 + 7^3 + 14^0 + 16^2 + 22^1 = 62 + 73 + 140 + 162 + 221 \end{aligned}$$

$658 := 6^2 + 8^2 + 14^2 + 18^0 + 19^2 = 62 + 82 + 142 + 180 + 192$	$658 := 7^3 + 10^0 + 11^2 + 13^2 + 24^1 = 73 + 100 + 112 + 132 + 241$
$658 := 6^3 + 10^0 + 14^2 + 15^2 + 20^1 = 63 + 100 + 142 + 152 + 201$	$658 := 7^3 + 10^2 + 14^2 + 16^0 + 18^1 = 73 + 102 + 142 + 160 + 181$
$658 := 6^3 + 10^2 + 14^0 + 17^1 + 18^2 = 63 + 102 + 140 + 171 + 182$	$658 := 7^3 + 8^0 + 12^2 + 12^2 + 26^1 = 73 + 80 + 122 + 122 + 261$
$658 := 6^3 + 13^2 + 14^0 + 16^1 + 16^2 = 63 + 132 + 140 + 161 + 162$	$658 := 7^3 + 8^1 + 9^2 + 15^2 + 26^0 = 73 + 81 + 92 + 152 + 260$
$658 := 6^3 + 8^1 + 12^2 + 17^2 + 22^0 = 63 + 81 + 122 + 172 + 220$	$658 := 7^3 + 8^2 + 10^0 + 15^2 + 25^1 = 73 + 82 + 100 + 152 + 251$
$658 := 6^3 + 8^2 + 16^0 + 16^1 + 19^2 = 63 + 82 + 160 + 161 + 192$	$658 := 8^2 + 10^2 + 13^2 + 16^0 + 18^2 = 82 + 102 + 132 + 160 + 182$
$658 := 7^2 + 7^3 + 9^1 + 16^2 + 26^0 = 72 + 73 + 91 + 162 + 260$	$658 := 8^2 + 8^2 + 8^3 + 17^1 + 24^0 = 82 + 82 + 83 + 171 + 240$
$658 := 7^2 + 8^2 + 12^2 + 18^0 + 20^2 = 72 + 82 + 122 + 180 + 202$	$658 := 8^2 + 9^2 + 16^0 + 16^2 + 16^2 = 82 + 92 + 160 + 162 + 162$
$658 := 7^2 + 8^3 + 9^2 + 15^1 + 26^0 = 72 + 83 + 92 + 151 + 260$	

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$659 := 1^0 + 2^5 + 5^4 + 57^0 = 10 + 25 + 54 + 570$	$659 := 2^5 + 5^4 + 17^0 + 41^0 = 25 + 54 + 170 + 410$
$659 := 1^0 + 2^7 + 23^2 + 39^0 = 10 + 27 + 232 + 390$	$659 := 2^5 + 5^4 + 18^0 + 40^0 = 25 + 54 + 180 + 400$
$659 := 1^2 + 2^5 + 25^2 + 37^0 = 12 + 25 + 252 + 370$	$659 := 2^5 + 5^4 + 19^0 + 39^0 = 25 + 54 + 190 + 390$
$659 := 1^2 + 4^4 + 19^2 + 41^1 = 12 + 44 + 192 + 411$	$659 := 2^5 + 5^4 + 20^0 + 38^0 = 25 + 54 + 200 + 380$
$659 := 1^3 + 3^4 + 24^2 + 37^0 = 13 + 34 + 242 + 370$	$659 := 2^5 + 5^4 + 21^0 + 37^0 = 25 + 54 + 210 + 370$
$659 := 1^3 + 8^3 + 10^2 + 46^1 = 13 + 83 + 102 + 461$	$659 := 2^5 + 5^4 + 22^0 + 36^0 = 25 + 54 + 220 + 360$
$659 := 1^4 + 12^2 + 22^2 + 30^1 = 14 + 122 + 222 + 301$	$659 := 2^5 + 5^4 + 23^0 + 35^0 = 25 + 54 + 230 + 350$
$659 := 1^4 + 5^4 + 27^0 + 32^1 = 14 + 54 + 270 + 321$	$659 := 2^5 + 5^4 + 24^0 + 34^0 = 25 + 54 + 240 + 340$
$659 := 1^4 + 6^3 + 21^2 + 37^0 = 14 + 63 + 212 + 370$	$659 := 2^5 + 5^4 + 25^0 + 33^0 = 25 + 54 + 250 + 330$
$659 := 1^4 + 7^2 + 24^2 + 33^1 = 14 + 72 + 242 + 331$	$659 := 2^5 + 5^4 + 26^0 + 32^0 = 25 + 54 + 260 + 320$
$659 := 1^5 + 9^2 + 24^2 + 31^0 = 15 + 92 + 242 + 310$	$659 := 2^5 + 5^4 + 27^0 + 31^0 = 25 + 54 + 270 + 310$
$659 := 1^6 + 7^0 + 25^2 + 32^1 = 16 + 70 + 252 + 321$	$659 := 2^5 + 5^4 + 28^0 + 30^0 = 25 + 54 + 280 + 300$
$659 := 2^0 + 2^5 + 5^4 + 56^0 = 20 + 25 + 54 + 560$	$659 := 2^5 + 5^4 + 29^0 + 29^0 = 25 + 54 + 290 + 290$
$659 := 2^0 + 2^7 + 23^2 + 38^0 = 20 + 27 + 232 + 380$	$659 := 2^5 + 5^4 + 6^0 + 52^0 = 25 + 54 + 60 + 520$
$659 := 2^3 + 5^2 + 5^4 + 53^0 = 23 + 52 + 54 + 530$	$659 := 2^5 + 5^4 + 7^0 + 51^0 = 25 + 54 + 70 + 510$
$659 := 2^4 + 5^4 + 17^1 + 41^0 = 24 + 54 + 171 + 410$	$659 := 2^5 + 5^4 + 8^0 + 50^0 = 25 + 54 + 80 + 500$
$659 := 2^5 + 3^0 + 5^4 + 55^0 = 25 + 30 + 54 + 550$	$659 := 2^5 + 5^4 + 9^0 + 49^0 = 25 + 54 + 90 + 490$
$659 := 2^5 + 4^0 + 5^4 + 54^0 = 25 + 40 + 54 + 540$	$659 := 2^6 + 18^1 + 21^0 + 24^2 = 26 + 181 + 210 + 242$
$659 := 2^5 + 5^0 + 5^4 + 53^0 = 25 + 50 + 54 + 530$	$659 := 2^7 + 10^0 + 23^2 + 30^0 = 27 + 100 + 232 + 300$
$659 := 2^5 + 5^4 + 10^0 + 48^0 = 25 + 54 + 100 + 480$	$659 := 2^7 + 11^0 + 23^2 + 29^0 = 27 + 110 + 232 + 290$
$659 := 2^5 + 5^4 + 11^0 + 47^0 = 25 + 54 + 110 + 470$	$659 := 2^7 + 12^0 + 23^2 + 28^0 = 27 + 120 + 232 + 280$
$659 := 2^5 + 5^4 + 12^0 + 46^0 = 25 + 54 + 120 + 460$	$659 := 2^7 + 13^0 + 23^2 + 27^0 = 27 + 130 + 232 + 270$
$659 := 2^5 + 5^4 + 13^0 + 45^0 = 25 + 54 + 130 + 450$	$659 := 2^7 + 14^0 + 23^2 + 26^0 = 27 + 140 + 232 + 260$
$659 := 2^5 + 5^4 + 14^0 + 44^0 = 25 + 54 + 140 + 440$	$659 := 2^7 + 15^0 + 23^2 + 25^0 = 27 + 150 + 232 + 250$
$659 := 2^5 + 5^4 + 15^0 + 43^0 = 25 + 54 + 150 + 430$	$659 := 2^7 + 16^0 + 23^2 + 24^0 = 27 + 160 + 232 + 240$
$659 := 2^5 + 5^4 + 16^0 + 42^0 = 25 + 54 + 160 + 420$	$659 := 2^7 + 17^0 + 23^0 + 23^2 = 27 + 170 + 230 + 232$

$659 := 2^7 + 18^0 + 22^0 + 23^2$	$= 27 + 180 + 220 + 232$	$659 := 1^3 + 10^1 + 12^2 + 20^1 + 22^2$	$= 13 + 101 + 122 + 201 + 222$
$659 := 2^7 + 19^0 + 21^0 + 23^2$	$= 27 + 190 + 210 + 232$	$659 := 1^3 + 10^2 + 14^2 + 19^2 + 21^0$	$= 13 + 102 + 142 + 192 + 210$
$659 := 2^7 + 20^0 + 20^0 + 23^2$	$= 27 + 200 + 200 + 232$	$659 := 1^3 + 11^1 + 12^2 + 19^1 + 22^2$	$= 13 + 111 + 122 + 191 + 222$
$659 := 2^7 + 3^0 + 23^2 + 37^0$	$= 27 + 30 + 232 + 370$	$659 := 1^3 + 12^1 + 12^2 + 18^1 + 22^2$	$= 13 + 121 + 122 + 181 + 222$
$659 := 2^7 + 4^0 + 23^2 + 36^0$	$= 27 + 40 + 232 + 360$	$659 := 1^3 + 12^2 + 13^1 + 17^1 + 22^2$	$= 13 + 122 + 131 + 171 + 222$
$659 := 2^7 + 5^0 + 23^2 + 35^0$	$= 27 + 50 + 232 + 350$	$659 := 1^3 + 12^2 + 14^1 + 16^1 + 22^2$	$= 13 + 122 + 141 + 161 + 222$
$659 := 2^7 + 6^0 + 23^2 + 34^0$	$= 27 + 60 + 232 + 340$	$659 := 1^3 + 12^2 + 15^1 + 15^1 + 22^2$	$= 13 + 122 + 151 + 151 + 222$
$659 := 2^7 + 7^0 + 23^2 + 33^0$	$= 27 + 70 + 232 + 330$	$659 := 1^3 + 2^2 + 13^2 + 22^2 + 27^0$	$= 13 + 22 + 132 + 222 + 270$
$659 := 2^7 + 8^0 + 23^2 + 32^0$	$= 27 + 80 + 232 + 320$	$659 := 1^3 + 2^3 + 13^0 + 24^1 + 25^2$	$= 13 + 23 + 130 + 241 + 252$
$659 := 2^7 + 9^0 + 23^2 + 31^0$	$= 27 + 90 + 232 + 310$	$659 := 1^3 + 3^1 + 12^2 + 22^2 + 27^1$	$= 13 + 31 + 122 + 222 + 271$
$659 := 3^4 + 15^2 + 18^2 + 29^1$	$= 34 + 152 + 182 + 291$	$659 := 1^3 + 3^2 + 18^2 + 18^2 + 25^0$	$= 13 + 32 + 182 + 182 + 250$
$659 := 3^4 + 6^3 + 19^2 + 37^0$	$= 34 + 63 + 192 + 370$	$659 := 1^3 + 4^1 + 12^2 + 22^2 + 26^1$	$= 13 + 41 + 122 + 222 + 261$
$659 := 4^3 + 6^2 + 8^3 + 47^1$	$= 43 + 62 + 83 + 471$	$659 := 1^3 + 4^3 + 17^1 + 19^0 + 24^2$	$= 13 + 43 + 171 + 190 + 242$
$659 := 4^4 + 12^2 + 15^2 + 34^1$	$= 44 + 122 + 152 + 341$	$659 := 1^3 + 4^4 + 13^0 + 20^2 + 27^0$	$= 13 + 44 + 130 + 202 + 270$
$659 := 1^0 + 1^5 + 16^2 + 20^2 + 27^0$	$= 10 + 15 + 162 + 202 + 270$	$659 := 1^3 + 4^4 + 14^0 + 20^2 + 26^0$	$= 13 + 44 + 140 + 202 + 260$
$659 := 1^0 + 2^5 + 15^2 + 20^2 + 27^0$	$= 10 + 25 + 152 + 202 + 270$	$659 := 1^3 + 4^4 + 15^0 + 20^2 + 25^0$	$= 13 + 44 + 150 + 202 + 250$
$659 := 1^0 + 2^6 + 17^1 + 21^0 + 24^2$	$= 10 + 26 + 171 + 210 + 242$	$659 := 1^3 + 4^4 + 16^0 + 20^2 + 24^0$	$= 13 + 44 + 160 + 202 + 240$
$659 := 1^1 + 1^4 + 16^2 + 20^2 + 27^0$	$= 11 + 14 + 162 + 202 + 270$	$659 := 1^3 + 4^4 + 17^0 + 20^2 + 23^0$	$= 13 + 44 + 170 + 202 + 230$
$659 := 1^1 + 3^5 + 14^1 + 20^2 + 27^0$	$= 11 + 35 + 141 + 202 + 270$	$659 := 1^3 + 4^4 + 18^0 + 20^2 + 22^0$	$= 13 + 44 + 180 + 202 + 220$
$659 := 1^1 + 4^4 + 14^1 + 19^2 + 27^1$	$= 11 + 44 + 141 + 192 + 271$	$659 := 1^3 + 4^4 + 19^0 + 20^2 + 21^0$	$= 13 + 44 + 190 + 202 + 210$
$659 := 1^1 + 4^4 + 15^1 + 19^2 + 26^1$	$= 11 + 44 + 151 + 192 + 261$	$659 := 1^3 + 4^4 + 20^0 + 20^0 + 20^2$	$= 13 + 44 + 200 + 200 + 202$
$659 := 1^1 + 4^4 + 16^1 + 19^2 + 25^1$	$= 11 + 44 + 161 + 192 + 251$	$659 := 1^3 + 5^1 + 12^2 + 22^2 + 25^1$	$= 13 + 51 + 122 + 222 + 251$
$659 := 1^1 + 4^4 + 17^1 + 19^2 + 24^1$	$= 11 + 44 + 171 + 192 + 241$	$659 := 1^3 + 5^1 + 5^4 + 27^0 + 27^1$	$= 13 + 51 + 54 + 270 + 271$
$659 := 1^1 + 4^4 + 18^1 + 19^2 + 23^1$	$= 11 + 44 + 181 + 192 + 231$	$659 := 1^3 + 5^4 + 10^1 + 22^1 + 27^0$	$= 13 + 54 + 101 + 221 + 270$
$659 := 1^1 + 4^4 + 19^1 + 19^2 + 22^1$	$= 11 + 44 + 191 + 192 + 221$	$659 := 1^3 + 5^4 + 11^1 + 21^1 + 27^0$	$= 13 + 54 + 111 + 211 + 270$
$659 := 1^1 + 4^4 + 19^2 + 20^1 + 21^1$	$= 11 + 44 + 192 + 201 + 211$	$659 := 1^3 + 5^4 + 12^1 + 20^1 + 27^0$	$= 13 + 54 + 121 + 201 + 270$
$659 := 1^2 + 1^3 + 16^2 + 20^2 + 27^0$	$= 12 + 13 + 162 + 202 + 270$	$659 := 1^3 + 5^4 + 13^1 + 19^1 + 27^0$	$= 13 + 54 + 131 + 191 + 270$
$659 := 1^2 + 12^2 + 13^2 + 18^2 + 21^1$	$= 12 + 122 + 132 + 182 + 211$	$659 := 1^3 + 5^4 + 14^1 + 18^1 + 27^0$	$= 13 + 54 + 141 + 181 + 270$
$659 := 1^2 + 2^4 + 16^1 + 21^0 + 25^2$	$= 12 + 24 + 161 + 210 + 252$	$659 := 1^3 + 5^4 + 15^1 + 17^1 + 27^0$	$= 13 + 54 + 151 + 171 + 270$
$659 := 1^2 + 4^2 + 16^2 + 19^2 + 25^1$	$= 12 + 42 + 162 + 192 + 251$	$659 := 1^3 + 5^4 + 16^1 + 16^1 + 27^0$	$= 13 + 54 + 161 + 161 + 270$
$659 := 1^2 + 7^2 + 10^2 + 22^2 + 25^1$	$= 12 + 72 + 102 + 222 + 251$	$659 := 1^3 + 5^4 + 6^1 + 26^1 + 27^0$	$= 13 + 54 + 61 + 261 + 270$
$659 := 1^2 + 7^2 + 12^2 + 21^2 + 24^1$	$= 12 + 72 + 122 + 212 + 241$	$659 := 1^3 + 5^4 + 7^1 + 25^1 + 27^0$	$= 13 + 54 + 71 + 251 + 270$
$659 := 1^2 + 7^2 + 15^2 + 19^2 + 23^1$	$= 12 + 72 + 152 + 192 + 231$	$659 := 1^3 + 5^4 + 8^1 + 24^1 + 27^0$	$= 13 + 54 + 81 + 241 + 270$
$659 := 1^2 + 8^3 + 10^2 + 19^1 + 27^1$	$= 12 + 83 + 102 + 191 + 271$	$659 := 1^3 + 5^4 + 9^1 + 23^1 + 27^0$	$= 13 + 54 + 91 + 231 + 270$
$659 := 1^2 + 8^3 + 10^2 + 20^1 + 26^1$	$= 12 + 83 + 102 + 201 + 261$	$659 := 1^3 + 6^1 + 12^2 + 22^2 + 24^1$	$= 13 + 61 + 122 + 222 + 241$
$659 := 1^2 + 8^3 + 10^2 + 21^1 + 25^1$	$= 12 + 83 + 102 + 211 + 251$	$659 := 1^3 + 6^1 + 7^2 + 24^2 + 27^1$	$= 13 + 61 + 72 + 242 + 271$
$659 := 1^2 + 8^3 + 10^2 + 22^1 + 24^1$	$= 12 + 83 + 102 + 221 + 241$	$659 := 1^3 + 7^1 + 12^2 + 22^2 + 23^1$	$= 13 + 71 + 122 + 222 + 231$
$659 := 1^2 + 8^3 + 10^2 + 23^1 + 23^1$	$= 12 + 83 + 102 + 231 + 231$	$659 := 1^3 + 7^1 + 7^2 + 24^2 + 26^1$	$= 13 + 71 + 72 + 242 + 261$

$$\begin{aligned} 659 &:= 1^3 + 7^2 + 10^1 + 23^1 + 24^2 = 13 + 72 + 101 + 231 + 242 & 659 &:= 1^5 + 5^1 + 7^0 + 25^2 + 27^1 = 15 + 51 + 70 + 252 + 271 \\ 659 &:= 1^3 + 7^2 + 11^1 + 22^1 + 24^2 = 13 + 72 + 111 + 221 + 242 & 659 &:= 1^5 + 6^0 + 16^2 + 20^2 + 22^0 = 15 + 60 + 162 + 202 + 220 \\ 659 &:= 1^3 + 7^2 + 12^1 + 21^1 + 24^2 = 13 + 72 + 121 + 211 + 242 & 659 &:= 1^5 + 6^1 + 7^0 + 25^2 + 26^1 = 15 + 61 + 70 + 252 + 261 \\ 659 &:= 1^3 + 7^2 + 13^1 + 20^1 + 24^2 = 13 + 72 + 131 + 201 + 242 & 659 &:= 1^5 + 7^0 + 10^1 + 22^1 + 25^2 = 15 + 70 + 101 + 221 + 252 \\ 659 &:= 1^3 + 7^2 + 14^1 + 19^1 + 24^2 = 13 + 72 + 141 + 191 + 242 & 659 &:= 1^5 + 7^0 + 11^1 + 21^1 + 25^2 = 15 + 70 + 111 + 211 + 252 \\ 659 &:= 1^3 + 7^2 + 15^1 + 18^1 + 24^2 = 13 + 72 + 151 + 181 + 242 & 659 &:= 1^5 + 7^0 + 12^1 + 20^1 + 25^2 = 15 + 70 + 121 + 201 + 252 \\ 659 &:= 1^3 + 7^2 + 16^1 + 17^1 + 24^2 = 13 + 72 + 161 + 171 + 242 & 659 &:= 1^5 + 7^0 + 13^1 + 19^1 + 25^2 = 15 + 70 + 131 + 191 + 252 \\ 659 &:= 1^3 + 7^2 + 8^1 + 24^2 + 25^1 = 13 + 72 + 81 + 242 + 251 & 659 &:= 1^5 + 7^0 + 14^1 + 18^1 + 25^2 = 15 + 70 + 141 + 181 + 252 \\ 659 &:= 1^3 + 7^2 + 9^1 + 24^1 + 24^2 = 13 + 72 + 91 + 241 + 242 & 659 &:= 1^5 + 7^0 + 15^1 + 17^1 + 25^2 = 15 + 70 + 151 + 171 + 252 \\ 659 &:= 1^3 + 7^3 + 15^0 + 17^2 + 25^1 = 13 + 73 + 150 + 172 + 251 & 659 &:= 1^5 + 7^0 + 16^1 + 16^1 + 25^2 = 15 + 70 + 161 + 161 + 252 \\ 659 &:= 1^3 + 8^1 + 12^2 + 22^1 + 22^2 = 13 + 81 + 122 + 221 + 222 & 659 &:= 1^5 + 7^0 + 16^2 + 20^2 + 21^0 = 15 + 70 + 162 + 202 + 210 \\ 659 &:= 1^3 + 8^2 + 8^2 + 23^2 + 25^0 = 13 + 82 + 82 + 232 + 250 & 659 &:= 1^5 + 7^0 + 7^1 + 25^1 + 25^2 = 15 + 70 + 71 + 251 + 252 \\ 659 &:= 1^3 + 8^3 + 11^2 + 21^0 + 24^1 = 13 + 83 + 112 + 210 + 241 & 659 &:= 1^5 + 7^0 + 8^1 + 24^1 + 25^2 = 15 + 70 + 81 + 241 + 252 \\ 659 &:= 1^3 + 9^1 + 12^2 + 21^1 + 22^2 = 13 + 91 + 122 + 211 + 222 & 659 &:= 1^5 + 7^0 + 9^1 + 23^1 + 25^2 = 15 + 70 + 91 + 231 + 252 \\ 659 &:= 1^4 + 3^2 + 13^0 + 23^1 + 25^2 = 14 + 32 + 130 + 231 + 252 & 659 &:= 1^5 + 8^0 + 16^2 + 20^0 + 20^2 = 15 + 80 + 162 + 200 + 202 \\ 659 &:= 1^4 + 4^1 + 13^2 + 22^2 + 25^0 = 14 + 41 + 132 + 222 + 250 & 659 &:= 1^5 + 9^0 + 16^2 + 19^0 + 20^2 = 15 + 90 + 162 + 190 + 202 \\ 659 &:= 1^4 + 4^2 + 16^1 + 19^0 + 25^2 = 14 + 42 + 161 + 190 + 252 & 659 &:= 1^6 + 1^9 + 16^2 + 20^2 + 26^0 = 16 + 19 + 162 + 202 + 260 \\ 659 &:= 1^4 + 5^2 + 7^1 + 25^2 + 27^0 = 14 + 52 + 71 + 252 + 270 & 659 &:= 1^7 + 1^8 + 16^2 + 20^2 + 26^0 = 17 + 18 + 162 + 202 + 260 \\ 659 &:= 1^4 + 7^1 + 11^2 + 23^0 + 23^2 = 14 + 71 + 112 + 230 + 232 & 659 &:= 1^7 + 2^9 + 11^2 + 24^1 + 26^0 = 17 + 29 + 112 + 241 + 260 \\ 659 &:= 1^4 + 7^1 + 17^2 + 19^2 + 21^0 = 14 + 71 + 172 + 192 + 210 & 659 &:= 1^8 + 2^9 + 12^2 + 22^0 + 27^0 = 18 + 29 + 122 + 220 + 270 \\ 659 &:= 1^4 + 8^2 + 15^0 + 17^1 + 24^2 = 14 + 82 + 150 + 171 + 242 & 659 &:= 1^8 + 2^9 + 12^2 + 23^0 + 26^0 = 18 + 29 + 122 + 230 + 260 \\ 659 &:= 1^4 + 8^3 + 12^2 + 17^0 + 27^0 = 14 + 83 + 122 + 170 + 270 & 659 &:= 1^8 + 2^9 + 12^2 + 24^0 + 25^0 = 18 + 29 + 122 + 240 + 250 \\ 659 &:= 1^4 + 8^3 + 12^2 + 18^0 + 26^0 = 14 + 83 + 122 + 180 + 260 & 659 &:= 1^9 + 2^8 + 14^0 + 20^2 + 27^0 = 19 + 28 + 140 + 202 + 270 \\ 659 &:= 1^4 + 8^3 + 12^2 + 19^0 + 25^0 = 14 + 83 + 122 + 190 + 250 & 659 &:= 1^9 + 2^8 + 15^0 + 20^2 + 26^0 = 19 + 28 + 150 + 202 + 260 \\ 659 &:= 1^4 + 8^3 + 12^2 + 20^0 + 24^0 = 14 + 83 + 122 + 200 + 240 & 659 &:= 1^9 + 2^8 + 16^0 + 20^2 + 25^0 = 19 + 28 + 160 + 202 + 250 \\ 659 &:= 1^4 + 8^3 + 12^2 + 21^0 + 23^0 = 14 + 83 + 122 + 210 + 230 & 659 &:= 1^9 + 2^8 + 17^0 + 20^2 + 24^0 = 19 + 28 + 170 + 202 + 240 \\ 659 &:= 1^4 + 8^3 + 12^2 + 22^0 + 22^0 = 14 + 83 + 122 + 220 + 220 & 659 &:= 1^9 + 2^8 + 18^0 + 20^2 + 23^0 = 19 + 28 + 180 + 202 + 230 \\ 659 &:= 1^4 + 9^0 + 14^2 + 20^1 + 21^2 = 14 + 90 + 142 + 201 + 212 & 659 &:= 1^9 + 2^8 + 19^0 + 20^2 + 22^0 = 19 + 28 + 190 + 202 + 220 \\ 659 &:= 1^4 + 9^1 + 18^2 + 18^2 + 19^0 = 14 + 91 + 182 + 182 + 190 & 659 &:= 1^9 + 2^8 + 20^0 + 20^2 + 21^0 = 19 + 28 + 200 + 202 + 210 \\ 659 &:= 1^5 + 10^0 + 16^2 + 18^0 + 20^2 = 15 + 100 + 162 + 180 + 202 & 659 &:= 10^2 + 12^2 + 12^2 + 15^1 + 16^2 = 102 + 122 + 122 + 151 + 162 \\ 659 &:= 1^5 + 11^0 + 16^2 + 17^0 + 20^2 = 15 + 110 + 162 + 170 + 202 & 659 &:= 2^0 + 2^5 + 15^2 + 20^2 + 26^0 = 20 + 25 + 152 + 202 + 260 \\ 659 &:= 1^5 + 12^0 + 16^0 + 16^2 + 20^2 = 15 + 120 + 160 + 162 + 202 & 659 &:= 2^0 + 2^6 + 17^1 + 20^0 + 24^2 = 20 + 26 + 171 + 200 + 242 \\ 659 &:= 1^5 + 13^0 + 15^0 + 16^2 + 20^2 = 15 + 130 + 150 + 162 + 202 & 659 &:= 2^1 + 3^5 + 13^1 + 20^2 + 27^0 = 21 + 35 + 131 + 202 + 270 \\ 659 &:= 1^5 + 14^0 + 14^0 + 16^2 + 20^2 = 15 + 140 + 140 + 162 + 202 & 659 &:= 2^1 + 4^4 + 13^1 + 19^2 + 27^1 = 21 + 44 + 131 + 192 + 271 \\ 659 &:= 1^5 + 2^0 + 16^2 + 20^2 + 26^0 = 15 + 20 + 162 + 202 + 260 & 659 &:= 2^1 + 4^4 + 14^1 + 19^2 + 26^1 = 21 + 44 + 141 + 192 + 261 \\ 659 &:= 1^5 + 3^0 + 16^2 + 20^2 + 25^0 = 15 + 30 + 162 + 202 + 250 & 659 &:= 2^1 + 4^4 + 15^1 + 19^2 + 25^1 = 21 + 44 + 151 + 192 + 251 \\ 659 &:= 1^5 + 4^0 + 16^2 + 20^2 + 24^0 = 15 + 40 + 162 + 202 + 240 & 659 &:= 2^1 + 4^4 + 16^1 + 19^2 + 24^1 = 21 + 44 + 161 + 192 + 241 \\ 659 &:= 1^5 + 5^0 + 16^2 + 20^2 + 23^0 = 15 + 50 + 162 + 202 + 230 & 659 &:= 2^1 + 4^4 + 17^1 + 19^2 + 23^1 = 21 + 44 + 171 + 192 + 231 \end{aligned}$$

$$\begin{aligned} 659 &:= 2^1 + 4^4 + 18^1 + 19^2 + 22^1 = 21 + 44 + 181 + 192 + 221 & 659 &:= 2^5 + 14^0 + 14^0 + 15^2 + 20^2 = 25 + 140 + 140 + 152 + 202 \\ 659 &:= 2^1 + 4^4 + 19^1 + 19^2 + 21^1 = 21 + 44 + 191 + 192 + 211 & 659 &:= 2^5 + 3^0 + 15^2 + 20^2 + 25^0 = 25 + 30 + 152 + 202 + 250 \\ 659 &:= 2^1 + 4^4 + 19^2 + 20^1 + 20^1 = 21 + 44 + 192 + 201 + 201 & 659 &:= 2^5 + 4^0 + 15^2 + 20^2 + 24^0 = 25 + 40 + 152 + 202 + 240 \\ 659 &:= 2^1 + 5^3 + 12^2 + 19^2 + 27^1 = 21 + 53 + 122 + 192 + 271 & 659 &:= 2^5 + 5^0 + 15^2 + 20^2 + 23^0 = 25 + 50 + 152 + 202 + 230 \\ 659 &:= 2^2 + 11^2 + 15^2 + 17^2 + 20^1 = 22 + 112 + 152 + 172 + 201 & 659 &:= 2^5 + 5^0 + 7^2 + 24^2 + 27^0 = 25 + 50 + 72 + 242 + 270 \\ 659 &:= 2^2 + 2^2 + 15^2 + 20^2 + 26^1 = 22 + 22 + 152 + 202 + 261 & 659 &:= 2^5 + 6^0 + 15^2 + 20^2 + 22^0 = 25 + 60 + 152 + 202 + 220 \\ 659 &:= 2^2 + 2^4 + 13^1 + 23^0 + 25^2 = 22 + 24 + 131 + 230 + 252 & 659 &:= 2^5 + 6^0 + 7^2 + 24^2 + 26^0 = 25 + 60 + 72 + 242 + 260 \\ 659 &:= 2^2 + 5^2 + 11^2 + 22^2 + 25^1 = 22 + 52 + 112 + 222 + 251 & 659 &:= 2^5 + 7^0 + 15^2 + 20^2 + 21^0 = 25 + 70 + 152 + 202 + 210 \\ 659 &:= 2^2 + 6^2 + 14^2 + 20^2 + 23^1 = 22 + 62 + 142 + 202 + 231 & 659 &:= 2^5 + 7^0 + 7^2 + 24^2 + 25^0 = 25 + 70 + 72 + 242 + 250 \\ 659 &:= 2^2 + 6^2 + 8^2 + 23^2 + 26^1 = 22 + 62 + 82 + 232 + 261 & 659 &:= 2^5 + 7^2 + 10^0 + 22^0 + 24^2 = 25 + 72 + 100 + 220 + 242 \\ 659 &:= 2^2 + 8^2 + 13^2 + 20^2 + 22^1 = 22 + 82 + 132 + 202 + 221 & 659 &:= 2^5 + 7^2 + 11^0 + 21^0 + 24^2 = 25 + 72 + 110 + 210 + 242 \\ 659 &:= 2^3 + 13^2 + 15^2 + 16^2 + 19^0 = 23 + 132 + 152 + 162 + 190 & 659 &:= 2^5 + 7^2 + 12^0 + 20^0 + 24^2 = 25 + 72 + 120 + 200 + 242 \\ 659 &:= 2^3 + 2^3 + 17^1 + 19^0 + 25^2 = 23 + 23 + 171 + 190 + 252 & 659 &:= 2^5 + 7^2 + 13^0 + 19^0 + 24^2 = 25 + 72 + 130 + 190 + 242 \\ 659 &:= 2^3 + 4^3 + 10^1 + 24^2 + 25^0 = 23 + 43 + 101 + 242 + 250 & 659 &:= 2^5 + 7^2 + 14^0 + 18^0 + 24^2 = 25 + 72 + 140 + 180 + 242 \\ 659 &:= 2^3 + 5^2 + 15^2 + 20^2 + 23^0 = 23 + 52 + 152 + 202 + 230 & 659 &:= 2^5 + 7^2 + 15^0 + 17^0 + 24^2 = 25 + 72 + 150 + 170 + 242 \\ 659 &:= 2^3 + 5^2 + 7^2 + 24^2 + 27^0 = 23 + 52 + 72 + 242 + 270 & 659 &:= 2^5 + 7^2 + 16^0 + 16^0 + 24^2 = 25 + 72 + 160 + 160 + 242 \\ 659 &:= 2^3 + 7^3 + 17^2 + 18^1 + 21^0 = 23 + 73 + 172 + 181 + 210 & 659 &:= 2^5 + 7^2 + 8^0 + 24^0 + 24^2 = 25 + 72 + 80 + 240 + 242 \\ 659 &:= 2^3 + 8^2 + 15^2 + 19^2 + 21^0 = 23 + 82 + 152 + 192 + 210 & 659 &:= 2^5 + 7^2 + 9^0 + 23^0 + 24^2 = 25 + 72 + 90 + 230 + 242 \\ 659 &:= 2^3 + 8^3 + 11^2 + 17^1 + 27^0 = 23 + 83 + 112 + 171 + 270 & 659 &:= 2^5 + 8^0 + 15^2 + 20^0 + 20^2 = 25 + 80 + 152 + 200 + 202 \\ 659 &:= 2^3 + 9^2 + 13^2 + 20^2 + 21^0 = 23 + 92 + 132 + 202 + 210 & 659 &:= 2^5 + 9^0 + 15^2 + 19^0 + 20^2 = 25 + 90 + 152 + 190 + 202 \\ 659 &:= 2^4 + 10^2 + 13^1 + 17^0 + 23^2 = 24 + 102 + 131 + 170 + 232 & 659 &:= 2^6 + 10^0 + 12^0 + 17^1 + 24^2 = 26 + 100 + 120 + 171 + 242 \\ 659 &:= 2^4 + 11^0 + 15^2 + 17^1 + 20^2 = 24 + 110 + 152 + 171 + 202 & 659 &:= 2^6 + 11^0 + 11^0 + 17^1 + 24^2 = 26 + 110 + 110 + 171 + 242 \\ 659 &:= 2^4 + 12^2 + 14^1 + 15^0 + 22^2 = 24 + 122 + 141 + 150 + 222 & 659 &:= 2^6 + 3^0 + 17^1 + 19^0 + 24^2 = 26 + 30 + 171 + 190 + 242 \\ 659 &:= 2^4 + 3^0 + 16^2 + 19^2 + 25^1 = 24 + 30 + 162 + 192 + 251 & 659 &:= 2^6 + 4^0 + 17^1 + 18^0 + 24^2 = 26 + 40 + 171 + 180 + 242 \\ 659 &:= 2^4 + 3^2 + 8^1 + 25^2 + 27^0 = 24 + 32 + 81 + 252 + 270 & 659 &:= 2^6 + 5^0 + 17^0 + 17^1 + 24^2 = 26 + 50 + 170 + 171 + 242 \\ 659 &:= 2^4 + 5^1 + 14^2 + 21^2 + 23^0 = 24 + 51 + 142 + 212 + 230 & 659 &:= 2^6 + 6^0 + 16^0 + 17^1 + 24^2 = 26 + 60 + 160 + 171 + 242 \\ 659 &:= 2^4 + 5^4 + 15^0 + 16^1 + 27^0 = 24 + 54 + 150 + 161 + 270 & 659 &:= 2^6 + 7^0 + 15^0 + 17^1 + 24^2 = 26 + 70 + 150 + 171 + 242 \\ 659 &:= 2^4 + 5^4 + 16^0 + 16^1 + 26^0 = 24 + 54 + 160 + 161 + 260 & 659 &:= 2^6 + 8^0 + 14^0 + 17^1 + 24^2 = 26 + 80 + 140 + 171 + 242 \\ 659 &:= 2^4 + 5^4 + 16^1 + 17^0 + 25^0 = 24 + 54 + 161 + 170 + 250 & 659 &:= 2^6 + 9^0 + 13^0 + 17^1 + 24^2 = 26 + 90 + 130 + 171 + 242 \\ 659 &:= 2^4 + 5^4 + 16^1 + 18^0 + 24^0 = 24 + 54 + 161 + 180 + 240 & 659 &:= 2^8 + 2^8 + 11^2 + 24^0 + 25^1 = 28 + 28 + 112 + 240 + 251 \\ 659 &:= 2^4 + 5^4 + 16^1 + 19^0 + 23^0 = 24 + 54 + 161 + 190 + 230 & 659 &:= 3^1 + 3^5 + 12^1 + 20^2 + 27^0 = 31 + 35 + 121 + 202 + 270 \\ 659 &:= 2^4 + 5^4 + 16^1 + 20^0 + 22^0 = 24 + 54 + 161 + 200 + 220 & 659 &:= 3^1 + 4^3 + 9^2 + 22^2 + 27^1 = 31 + 43 + 92 + 222 + 271 \\ 659 &:= 2^4 + 5^4 + 16^1 + 21^0 + 21^0 = 24 + 54 + 161 + 210 + 210 & 659 &:= 3^1 + 4^4 + 12^1 + 19^2 + 27^1 = 31 + 44 + 121 + 192 + 271 \\ 659 &:= 2^4 + 7^2 + 15^0 + 17^1 + 24^2 = 24 + 72 + 150 + 171 + 242 & 659 &:= 3^1 + 4^4 + 13^1 + 19^2 + 26^1 = 31 + 44 + 131 + 192 + 261 \\ 659 &:= 2^5 + 10^0 + 15^2 + 18^0 + 20^2 = 25 + 100 + 152 + 180 + 202 & 659 &:= 3^1 + 4^4 + 14^1 + 19^2 + 25^1 = 31 + 44 + 141 + 192 + 251 \\ 659 &:= 2^5 + 11^0 + 15^2 + 17^0 + 20^2 = 25 + 110 + 152 + 170 + 202 & 659 &:= 3^1 + 4^4 + 15^1 + 19^2 + 24^1 = 31 + 44 + 151 + 192 + 241 \\ 659 &:= 2^5 + 12^0 + 15^2 + 16^0 + 20^2 = 25 + 120 + 152 + 160 + 202 & 659 &:= 3^1 + 4^4 + 16^1 + 19^2 + 23^1 = 31 + 44 + 161 + 192 + 231 \\ 659 &:= 2^5 + 13^0 + 15^0 + 15^2 + 20^2 = 25 + 130 + 150 + 152 + 202 & 659 &:= 3^1 + 4^4 + 17^1 + 19^2 + 22^1 = 31 + 44 + 171 + 192 + 221 \end{aligned}$$

$659 := 3^1 + 4^4 + 18^1 + 19^2 + 21^1 = 31 + 44 + 181 + 192 + 211$	$659 := 4^1 + 5^3 + 12^2 + 19^2 + 25^1 = 41 + 53 + 122 + 192 + 251$
$659 := 3^1 + 4^4 + 19^1 + 19^2 + 20^1 = 31 + 44 + 191 + 192 + 201$	$659 := 4^2 + 12^2 + 15^2 + 16^2 + 18^1 = 42 + 122 + 152 + 162 + 181$
$659 := 3^1 + 5^3 + 12^2 + 19^2 + 26^1 = 31 + 53 + 122 + 192 + 261$	$659 := 4^2 + 4^3 + 17^2 + 17^2 + 23^0 = 42 + 43 + 172 + 172 + 230$
$659 := 3^2 + 10^2 + 13^2 + 19^2 + 20^1 = 32 + 102 + 132 + 192 + 201$	$659 := 4^2 + 4^3 + 7^2 + 23^2 + 27^0 = 42 + 43 + 72 + 232 + 270$
$659 := 3^2 + 3^2 + 16^2 + 19^2 + 24^1 = 32 + 32 + 162 + 192 + 241$	$659 := 4^2 + 4^4 + 13^0 + 19^2 + 25^1 = 42 + 44 + 130 + 192 + 251$
$659 := 3^2 + 4^2 + 13^2 + 21^2 + 24^1 = 32 + 42 + 132 + 212 + 241$	$659 := 4^2 + 5^2 + 14^2 + 20^2 + 22^1 = 42 + 52 + 142 + 202 + 221$
$659 := 3^2 + 4^3 + 12^2 + 21^2 + 25^0 = 32 + 43 + 122 + 212 + 250$	$659 := 4^2 + 5^2 + 8^2 + 23^2 + 25^1 = 42 + 52 + 82 + 232 + 251$
$659 := 3^2 + 6^3 + 12^2 + 17^2 + 27^0 = 32 + 63 + 122 + 172 + 270$	$659 := 4^2 + 5^3 + 10^1 + 22^2 + 24^1 = 42 + 53 + 101 + 222 + 241$
$659 := 3^2 + 7^2 + 16^2 + 18^2 + 21^1 = 32 + 72 + 162 + 182 + 211$	$659 := 4^2 + 5^3 + 11^1 + 22^2 + 23^1 = 42 + 53 + 111 + 222 + 231$
$659 := 3^2 + 9^2 + 15^2 + 18^2 + 20^1 = 32 + 92 + 152 + 182 + 201$	$659 := 4^2 + 5^3 + 12^1 + 22^1 + 22^2 = 42 + 53 + 121 + 221 + 222$
$659 := 3^3 + 5^3 + 13^0 + 22^1 + 22^2 = 33 + 53 + 130 + 221 + 222$	$659 := 4^2 + 5^3 + 13^1 + 21^1 + 22^2 = 42 + 53 + 131 + 211 + 222$
$659 := 3^3 + 6^3 + 15^1 + 20^2 + 21^0 = 33 + 63 + 151 + 202 + 210$	$659 := 4^2 + 5^3 + 14^1 + 20^1 + 22^2 = 42 + 53 + 141 + 201 + 222$
$659 := 3^3 + 8^3 + 10^2 + 19^1 + 25^0 = 33 + 83 + 102 + 191 + 250$	$659 := 4^2 + 5^3 + 15^1 + 19^1 + 22^2 = 42 + 53 + 151 + 191 + 222$
$659 := 3^4 + 11^2 + 15^0 + 15^1 + 21^2 = 34 + 112 + 150 + 151 + 212$	$659 := 4^2 + 5^3 + 16^1 + 18^1 + 22^2 = 42 + 53 + 161 + 181 + 222$
$659 := 3^4 + 5^2 + 11^0 + 23^1 + 23^2 = 34 + 52 + 110 + 231 + 232$	$659 := 4^2 + 5^3 + 17^1 + 17^1 + 22^2 = 42 + 53 + 171 + 171 + 222$
$659 := 3^4 + 6^2 + 12^1 + 21^0 + 23^2 = 34 + 62 + 121 + 210 + 232$	$659 := 4^2 + 5^3 + 7^1 + 22^2 + 27^1 = 42 + 53 + 71 + 222 + 271$
$659 := 3^4 + 8^1 + 13^2 + 20^2 + 21^0 = 34 + 81 + 132 + 202 + 210$	$659 := 4^2 + 5^3 + 8^1 + 22^2 + 26^1 = 42 + 53 + 81 + 222 + 261$
$659 := 3^4 + 8^2 + 8^3 + 19^0 + 27^0 = 34 + 82 + 83 + 190 + 270$	$659 := 4^2 + 5^3 + 9^1 + 22^2 + 25^1 = 42 + 53 + 91 + 222 + 251$
$659 := 3^4 + 8^2 + 8^3 + 20^0 + 26^0 = 34 + 82 + 83 + 200 + 260$	$659 := 4^2 + 6^2 + 10^2 + 22^2 + 23^1 = 42 + 62 + 102 + 222 + 231$
$659 := 3^4 + 8^2 + 8^3 + 21^0 + 25^0 = 34 + 82 + 83 + 210 + 250$	$659 := 4^2 + 6^2 + 12^2 + 21^2 + 22^1 = 42 + 62 + 122 + 212 + 221$
$659 := 3^4 + 8^2 + 8^3 + 22^0 + 24^0 = 34 + 82 + 83 + 220 + 240$	$659 := 4^2 + 6^2 + 15^2 + 19^2 + 21^1 = 42 + 62 + 152 + 192 + 211$
$659 := 3^4 + 8^2 + 8^3 + 23^0 + 23^0 = 34 + 82 + 83 + 230 + 230$	$659 := 4^2 + 9^2 + 10^2 + 21^1 + 21^2 = 42 + 92 + 102 + 211 + 212$
$659 := 3^4 + 9^0 + 14^2 + 19^2 + 20^1 = 34 + 90 + 142 + 192 + 201$	$659 := 4^3 + 12^2 + 15^2 + 15^2 + 19^0 = 43 + 122 + 152 + 152 + 190$
$659 := 3^4 + 9^2 + 12^1 + 19^0 + 22^2 = 34 + 92 + 121 + 190 + 222$	$659 := 4^3 + 13^2 + 13^2 + 16^2 + 19^0 = 43 + 132 + 132 + 162 + 190$
$659 := 3^5 + 4^1 + 11^1 + 20^2 + 27^0 = 35 + 41 + 111 + 202 + 270$	$659 := 4^3 + 5^1 + 9^2 + 22^2 + 25^1 = 43 + 51 + 92 + 222 + 251$
$659 := 3^5 + 5^1 + 10^1 + 20^2 + 27^0 = 35 + 51 + 101 + 202 + 270$	$659 := 4^3 + 5^2 + 13^2 + 20^2 + 23^0 = 43 + 52 + 132 + 202 + 230$
$659 := 3^5 + 6^1 + 9^1 + 20^2 + 27^0 = 35 + 61 + 91 + 202 + 270$	$659 := 4^3 + 6^1 + 9^2 + 22^2 + 24^1 = 43 + 61 + 92 + 222 + 241$
$659 := 3^5 + 7^1 + 8^1 + 20^2 + 27^0 = 35 + 71 + 81 + 202 + 270$	$659 := 4^3 + 6^3 + 17^1 + 19^0 + 19^2 = 43 + 63 + 171 + 190 + 192$
$659 := 4^1 + 4^3 + 9^2 + 22^2 + 26^1 = 41 + 43 + 92 + 222 + 261$	$659 := 4^3 + 7^1 + 9^2 + 22^2 + 23^1 = 43 + 71 + 92 + 222 + 231$
$659 := 4^1 + 4^4 + 11^1 + 19^2 + 27^1 = 41 + 44 + 111 + 192 + 271$	$659 := 4^3 + 7^2 + 16^2 + 17^2 + 21^0 = 43 + 72 + 162 + 172 + 210$
$659 := 4^1 + 4^4 + 12^1 + 19^2 + 26^1 = 41 + 44 + 121 + 192 + 261$	$659 := 4^3 + 7^3 + 13^0 + 15^2 + 26^1 = 43 + 73 + 130 + 152 + 261$
$659 := 4^1 + 4^4 + 13^1 + 19^2 + 25^1 = 41 + 44 + 131 + 192 + 251$	$659 := 4^3 + 8^1 + 9^2 + 22^1 + 22^2 = 43 + 81 + 92 + 221 + 222$
$659 := 4^1 + 4^4 + 14^1 + 19^2 + 24^1 = 41 + 44 + 141 + 192 + 241$	$659 := 4^3 + 8^2 + 13^2 + 19^2 + 21^0 = 43 + 82 + 132 + 192 + 210$
$659 := 4^1 + 4^4 + 15^1 + 19^2 + 23^1 = 41 + 44 + 151 + 192 + 231$	$659 := 4^3 + 8^2 + 8^3 + 18^1 + 27^0 = 43 + 82 + 83 + 181 + 270$
$659 := 4^1 + 4^4 + 16^1 + 19^2 + 22^1 = 41 + 44 + 161 + 192 + 221$	$659 := 4^3 + 9^1 + 9^2 + 21^1 + 22^2 = 43 + 91 + 92 + 211 + 222$
$659 := 4^1 + 4^4 + 17^1 + 19^2 + 21^1 = 41 + 44 + 171 + 192 + 211$	$659 := 4^3 + 9^2 + 10^1 + 20^1 + 22^2 = 43 + 92 + 101 + 201 + 222$
$659 := 4^1 + 4^4 + 18^1 + 19^2 + 20^1 = 41 + 44 + 181 + 192 + 201$	$659 := 4^3 + 9^2 + 11^1 + 19^1 + 22^2 = 43 + 92 + 111 + 191 + 222$
$659 := 4^1 + 4^4 + 19^1 + 19^1 + 19^2 = 41 + 44 + 191 + 191 + 192$	$659 := 4^3 + 9^2 + 12^1 + 18^1 + 22^2 = 43 + 92 + 121 + 181 + 222$

$$\begin{aligned} 659 &:= 4^3 + 9^2 + 13^1 + 17^1 + 22^2 = 43 + 92 + 131 + 171 + 222 & 659 &:= 4^4 + 6^1 + 14^1 + 19^2 + 22^1 = 44 + 61 + 141 + 192 + 221 \\ 659 &:= 4^3 + 9^2 + 14^1 + 16^1 + 22^2 = 43 + 92 + 141 + 161 + 222 & 659 &:= 4^4 + 6^1 + 15^1 + 19^2 + 21^1 = 44 + 61 + 151 + 192 + 211 \\ 659 &:= 4^3 + 9^2 + 15^1 + 15^1 + 22^2 = 43 + 92 + 151 + 151 + 222 & 659 &:= 4^4 + 6^1 + 16^1 + 19^2 + 20^1 = 44 + 61 + 161 + 192 + 201 \\ 659 &:= 4^4 + 10^1 + 10^1 + 19^2 + 22^1 = 44 + 101 + 101 + 192 + 221 & 659 &:= 4^4 + 6^1 + 17^1 + 19^1 + 19^2 = 44 + 61 + 171 + 191 + 192 \\ 659 &:= 4^4 + 10^1 + 11^1 + 19^2 + 21^1 = 44 + 101 + 111 + 192 + 211 & 659 &:= 4^4 + 6^1 + 18^1 + 18^1 + 19^2 = 44 + 61 + 181 + 181 + 192 \\ 659 &:= 4^4 + 10^1 + 12^1 + 19^2 + 20^1 = 44 + 101 + 121 + 192 + 201 & 659 &:= 4^4 + 6^1 + 9^1 + 19^2 + 27^1 = 44 + 61 + 91 + 192 + 271 \\ 659 &:= 4^4 + 10^1 + 13^1 + 19^1 + 19^2 = 44 + 101 + 131 + 191 + 192 & 659 &:= 4^4 + 7^1 + 10^1 + 19^2 + 25^1 = 44 + 71 + 101 + 192 + 251 \\ 659 &:= 4^4 + 10^1 + 14^1 + 18^1 + 19^2 = 44 + 101 + 141 + 181 + 192 & 659 &:= 4^4 + 7^1 + 11^1 + 19^2 + 24^1 = 44 + 71 + 111 + 192 + 241 \\ 659 &:= 4^4 + 10^1 + 14^2 + 14^2 + 23^0 = 44 + 101 + 142 + 142 + 230 & 659 &:= 4^4 + 7^1 + 12^1 + 19^2 + 23^1 = 44 + 71 + 121 + 192 + 231 \\ 659 &:= 4^4 + 10^1 + 15^1 + 17^1 + 19^2 = 44 + 101 + 151 + 171 + 192 & 659 &:= 4^4 + 7^1 + 13^1 + 19^2 + 22^1 = 44 + 71 + 131 + 192 + 221 \\ 659 &:= 4^4 + 10^1 + 16^1 + 16^1 + 19^2 = 44 + 101 + 161 + 161 + 192 & 659 &:= 4^4 + 7^1 + 14^1 + 19^2 + 21^1 = 44 + 71 + 141 + 192 + 211 \\ 659 &:= 4^4 + 10^2 + 13^1 + 17^2 + 21^0 = 44 + 102 + 131 + 172 + 210 & 659 &:= 4^4 + 7^1 + 15^1 + 19^2 + 20^1 = 44 + 71 + 151 + 192 + 201 \\ 659 &:= 4^4 + 11^1 + 11^1 + 19^2 + 20^1 = 44 + 111 + 111 + 192 + 201 & 659 &:= 4^4 + 7^1 + 16^1 + 19^1 + 19^2 = 44 + 71 + 161 + 191 + 192 \\ 659 &:= 4^4 + 11^1 + 12^1 + 19^1 + 19^2 = 44 + 111 + 121 + 191 + 192 & 659 &:= 4^4 + 7^1 + 17^1 + 18^1 + 19^2 = 44 + 71 + 171 + 181 + 192 \\ 659 &:= 4^4 + 11^1 + 13^1 + 18^1 + 19^2 = 44 + 111 + 131 + 181 + 192 & 659 &:= 4^4 + 7^1 + 8^1 + 19^2 + 27^1 = 44 + 71 + 81 + 192 + 271 \\ 659 &:= 4^4 + 11^1 + 14^1 + 17^1 + 19^2 = 44 + 111 + 141 + 171 + 192 & 659 &:= 4^4 + 7^1 + 9^1 + 19^2 + 26^1 = 44 + 71 + 91 + 192 + 261 \\ 659 &:= 4^4 + 11^1 + 15^1 + 16^1 + 19^2 = 44 + 111 + 151 + 161 + 192 & 659 &:= 4^4 + 8^1 + 10^1 + 19^2 + 24^1 = 44 + 81 + 101 + 192 + 241 \\ 659 &:= 4^4 + 12^1 + 12^1 + 18^1 + 19^2 = 44 + 121 + 121 + 181 + 192 & 659 &:= 4^4 + 8^1 + 11^1 + 19^2 + 23^1 = 44 + 81 + 111 + 192 + 231 \\ 659 &:= 4^4 + 12^1 + 13^1 + 17^1 + 19^2 = 44 + 121 + 131 + 171 + 192 & 659 &:= 4^4 + 8^1 + 12^1 + 19^2 + 22^1 = 44 + 81 + 121 + 192 + 221 \\ 659 &:= 4^4 + 12^1 + 14^1 + 16^1 + 19^2 = 44 + 121 + 141 + 161 + 192 & 659 &:= 4^4 + 8^1 + 13^1 + 19^2 + 21^1 = 44 + 81 + 131 + 192 + 211 \\ 659 &:= 4^4 + 12^1 + 15^1 + 15^1 + 19^2 = 44 + 121 + 151 + 151 + 192 & 659 &:= 4^4 + 8^1 + 13^2 + 15^2 + 25^0 = 44 + 81 + 132 + 152 + 250 \\ 659 &:= 4^4 + 13^1 + 13^1 + 16^1 + 19^2 = 44 + 131 + 131 + 161 + 192 & 659 &:= 4^4 + 8^1 + 14^1 + 19^2 + 20^1 = 44 + 81 + 141 + 192 + 201 \\ 659 &:= 4^4 + 13^1 + 14^1 + 15^1 + 19^2 = 44 + 131 + 141 + 151 + 192 & 659 &:= 4^4 + 8^1 + 15^1 + 19^1 + 19^2 = 44 + 81 + 151 + 191 + 192 \\ 659 &:= 4^4 + 14^1 + 14^1 + 14^1 + 19^2 = 44 + 141 + 141 + 141 + 192 & 659 &:= 4^4 + 8^1 + 16^1 + 18^1 + 19^2 = 44 + 81 + 161 + 181 + 192 \\ 659 &:= 4^4 + 5^1 + 10^1 + 19^2 + 27^1 = 44 + 51 + 101 + 192 + 271 & 659 &:= 4^4 + 8^1 + 17^1 + 17^1 + 19^2 = 44 + 81 + 171 + 171 + 192 \\ 659 &:= 4^4 + 5^1 + 11^1 + 19^2 + 26^1 = 44 + 51 + 111 + 192 + 261 & 659 &:= 4^4 + 8^1 + 8^1 + 19^2 + 26^1 = 44 + 81 + 81 + 192 + 261 \\ 659 &:= 4^4 + 5^1 + 12^1 + 19^2 + 25^1 = 44 + 51 + 121 + 192 + 251 & 659 &:= 4^4 + 8^1 + 9^1 + 19^2 + 25^1 = 44 + 81 + 91 + 192 + 251 \\ 659 &:= 4^4 + 5^1 + 13^1 + 19^2 + 24^1 = 44 + 51 + 131 + 192 + 241 & 659 &:= 4^4 + 8^2 + 14^1 + 18^2 + 21^0 = 44 + 82 + 141 + 182 + 210 \\ 659 &:= 4^4 + 5^1 + 14^1 + 19^2 + 23^1 = 44 + 51 + 141 + 192 + 231 & 659 &:= 4^4 + 9^0 + 11^2 + 16^2 + 25^1 = 44 + 90 + 112 + 162 + 251 \\ 659 &:= 4^4 + 5^1 + 15^1 + 19^2 + 22^1 = 44 + 51 + 151 + 192 + 221 & 659 &:= 4^4 + 9^1 + 10^1 + 19^2 + 23^1 = 44 + 91 + 101 + 192 + 231 \\ 659 &:= 4^4 + 5^1 + 16^1 + 19^2 + 21^1 = 44 + 51 + 161 + 192 + 211 & 659 &:= 4^4 + 9^1 + 11^1 + 19^2 + 22^1 = 44 + 91 + 111 + 192 + 221 \\ 659 &:= 4^4 + 5^1 + 17^1 + 19^2 + 20^1 = 44 + 51 + 171 + 192 + 201 & 659 &:= 4^4 + 9^1 + 12^1 + 19^2 + 21^1 = 44 + 91 + 121 + 192 + 211 \\ 659 &:= 4^4 + 5^1 + 18^1 + 19^1 + 19^2 = 44 + 51 + 181 + 191 + 192 & 659 &:= 4^4 + 9^1 + 13^1 + 19^2 + 20^1 = 44 + 91 + 131 + 192 + 201 \\ 659 &:= 4^4 + 5^2 + 16^1 + 19^2 + 21^0 = 44 + 52 + 161 + 192 + 210 & 659 &:= 4^4 + 9^1 + 14^1 + 19^1 + 19^2 = 44 + 91 + 141 + 191 + 192 \\ 659 &:= 4^4 + 6^1 + 10^1 + 19^2 + 26^1 = 44 + 61 + 101 + 192 + 261 & 659 &:= 4^4 + 9^1 + 15^1 + 18^1 + 19^2 = 44 + 91 + 151 + 181 + 192 \\ 659 &:= 4^4 + 6^1 + 11^1 + 19^2 + 25^1 = 44 + 61 + 111 + 192 + 251 & 659 &:= 4^4 + 9^1 + 16^1 + 17^1 + 19^2 = 44 + 91 + 161 + 171 + 192 \\ 659 &:= 4^4 + 6^1 + 12^1 + 19^2 + 24^1 = 44 + 61 + 121 + 192 + 241 & 659 &:= 4^4 + 9^1 + 9^1 + 19^2 + 24^1 = 44 + 91 + 91 + 192 + 241 \\ 659 &:= 4^4 + 6^1 + 13^1 + 19^2 + 23^1 = 44 + 61 + 131 + 192 + 231 & 659 &:= 5^1 + 5^3 + 12^2 + 19^2 + 24^1 = 51 + 53 + 122 + 192 + 241 \end{aligned}$$

$$\begin{aligned}
 659 &:= 5^2 + 14^2 + 14^2 + 15^2 + 17^1 = 52 + 142 + 142 + 152 + 171 & 659 &:= 6^3 + 7^2 + 10^1 + 19^2 + 23^1 = 63 + 72 + 101 + 192 + 231 \\
 659 &:= 5^2 + 6^2 + 17^2 + 17^2 + 20^1 = 52 + 62 + 172 + 172 + 201 & 659 &:= 6^3 + 7^2 + 11^1 + 19^2 + 22^1 = 63 + 72 + 111 + 192 + 221 \\
 659 &:= 5^2 + 8^2 + 8^2 + 22^1 + 22^2 = 52 + 82 + 82 + 221 + 222 & 659 &:= 6^3 + 7^2 + 12^1 + 19^2 + 21^1 = 63 + 72 + 121 + 192 + 211 \\
 659 &:= 5^3 + 10^1 + 12^2 + 19^1 + 19^2 = 53 + 101 + 122 + 191 + 192 & 659 &:= 6^3 + 7^2 + 13^1 + 19^2 + 20^1 = 63 + 72 + 131 + 192 + 201 \\
 659 &:= 5^3 + 10^2 + 12^2 + 17^2 + 21^0 = 53 + 102 + 122 + 172 + 210 & 659 &:= 6^3 + 7^2 + 14^1 + 19^1 + 19^2 = 63 + 72 + 141 + 191 + 192 \\
 659 &:= 5^3 + 11^1 + 12^2 + 18^1 + 19^2 = 53 + 111 + 122 + 181 + 192 & 659 &:= 6^3 + 7^2 + 15^1 + 18^1 + 19^2 = 63 + 72 + 151 + 181 + 192 \\
 659 &:= 5^3 + 12^1 + 12^2 + 17^1 + 19^2 = 53 + 121 + 122 + 171 + 192 & 659 &:= 6^3 + 7^2 + 16^1 + 17^1 + 19^2 = 63 + 72 + 161 + 171 + 192 \\
 659 &:= 5^3 + 12^2 + 13^1 + 16^1 + 19^2 = 53 + 122 + 131 + 161 + 192 & 659 &:= 6^3 + 7^2 + 8^1 + 19^2 + 25^1 = 63 + 72 + 81 + 192 + 251 \\
 659 &:= 5^3 + 12^2 + 14^1 + 15^1 + 19^2 = 53 + 122 + 141 + 151 + 192 & 659 &:= 6^3 + 7^2 + 9^1 + 19^2 + 24^1 = 63 + 72 + 91 + 192 + 241 \\
 659 &:= 5^3 + 5^3 + 8^1 + 20^2 + 27^0 = 53 + 53 + 81 + 202 + 270 & 659 &:= 6^3 + 7^3 + 9^2 + 18^1 + 25^0 = 63 + 73 + 92 + 181 + 250 \\
 659 &:= 5^3 + 6^1 + 12^2 + 19^2 + 23^1 = 53 + 61 + 122 + 192 + 231 & 659 &:= 7^2 + 10^2 + 13^2 + 17^1 + 18^2 = 72 + 102 + 132 + 171 + 182 \\
 659 &:= 5^3 + 7^1 + 12^2 + 19^2 + 22^1 = 53 + 71 + 122 + 192 + 221 & 659 &:= 7^2 + 12^2 + 15^2 + 15^2 + 16^1 = 72 + 122 + 152 + 152 + 161 \\
 659 &:= 5^3 + 7^3 + 13^2 + 19^0 + 21^1 = 53 + 73 + 132 + 190 + 211 & 659 &:= 7^2 + 13^2 + 13^2 + 16^1 + 16^2 = 72 + 132 + 132 + 161 + 162 \\
 659 &:= 5^3 + 8^1 + 12^2 + 19^2 + 21^1 = 53 + 81 + 122 + 192 + 211 & 659 &:= 7^2 + 7^2 + 10^2 + 20^1 + 21^2 = 72 + 72 + 102 + 201 + 212 \\
 659 &:= 5^3 + 9^1 + 12^2 + 19^2 + 20^1 = 53 + 91 + 122 + 192 + 201 & 659 &:= 7^2 + 9^2 + 16^2 + 16^2 + 17^1 = 72 + 92 + 162 + 162 + 171 \\
 659 &:= 5^3 + 9^2 + 14^2 + 16^2 + 21^0 = 53 + 92 + 142 + 162 + 210 & 659 &:= 8^2 + 11^2 + 13^2 + 16^1 + 17^2 = 82 + 112 + 132 + 161 + 172 \\
 659 &:= 6^1 + 6^3 + 7^2 + 19^2 + 27^1 = 61 + 63 + 72 + 192 + 271 & 659 &:= 8^2 + 8^2 + 15^2 + 17^1 + 17^2 = 82 + 82 + 152 + 171 + 172 \\
 659 &:= 6^2 + 10^2 + 12^2 + 18^1 + 19^2 = 62 + 102 + 122 + 181 + 192 & 659 &:= 9^2 + 10^2 + 10^2 + 17^1 + 19^2 = 92 + 102 + 102 + 171 + 192 \\
 659 &:= 6^2 + 11^2 + 14^2 + 17^1 + 17^2 = 62 + 112 + 142 + 171 + 172 & 659 &:= 9^2 + 13^2 + 13^2 + 15^1 + 15^2 = 92 + 132 + 132 + 151 + 152 \\
 659 &:= 6^2 + 6^2 + 9^2 + 22^1 + 22^2 = 62 + 62 + 92 + 221 + 222 & 659 &:= 9^2 + 9^2 + 15^2 + 16^1 + 16^2 = 92 + 92 + 152 + 161 + 162 \\
 659 &:= 6^2 + 9^2 + 9^2 + 20^1 + 21^2 = 62 + 92 + 92 + 201 + 212 & & \\
 659 &:= 6^3 + 7^1 + 7^2 + 19^2 + 26^1 = 63 + 71 + 72 + 192 + 261 & &
 \end{aligned}$$

2.2.561 Number 650

$$\begin{aligned}
 660 &:= 1^5 + 5^4 + 26^0 + 33^1 = 15 + 54 + 260 + 331 & 660 &:= 1^2 + 3^5 + 15^1 + 20^2 + 26^0 = 12 + 35 + 151 + 202 + 260 \\
 660 &:= 1^7 + 6^0 + 25^2 + 33^1 = 17 + 60 + 252 + 331 & 660 &:= 1^3 + 2^3 + 17^2 + 19^2 + 26^0 = 13 + 23 + 172 + 192 + 260 \\
 660 &:= 1^9 + 2^8 + 19^2 + 42^1 = 19 + 28 + 192 + 421 & 660 &:= 1^3 + 2^4 + 17^1 + 20^0 + 25^2 = 13 + 24 + 171 + 200 + 252 \\
 660 &:= 2^1 + 2^5 + 5^4 + 56^0 = 21 + 25 + 54 + 560 & 660 &:= 1^3 + 2^5 + 10^0 + 25^2 + 27^0 = 13 + 25 + 100 + 252 + 270 \\
 660 &:= 2^1 + 2^7 + 23^2 + 38^0 = 21 + 27 + 232 + 380 & 660 &:= 1^3 + 2^5 + 11^0 + 25^2 + 26^0 = 13 + 25 + 110 + 252 + 260 \\
 660 &:= 1^1 + 2^6 + 18^1 + 20^0 + 24^2 = 11 + 26 + 181 + 200 + 242 & 660 &:= 1^3 + 2^5 + 12^0 + 25^0 + 25^2 = 13 + 25 + 120 + 250 + 252 \\
 660 &:= 1^1 + 2^7 + 12^0 + 23^2 + 27^0 = 11 + 27 + 120 + 232 + 270 & 660 &:= 1^3 + 2^5 + 13^0 + 24^0 + 25^2 = 13 + 25 + 130 + 240 + 252 \\
 660 &:= 1^1 + 2^7 + 13^0 + 23^2 + 26^0 = 11 + 27 + 130 + 232 + 260 & 660 &:= 1^3 + 2^5 + 14^0 + 23^0 + 25^2 = 13 + 25 + 140 + 230 + 252 \\
 660 &:= 1^1 + 2^7 + 14^0 + 23^2 + 25^0 = 11 + 27 + 140 + 232 + 250 & 660 &:= 1^3 + 2^5 + 15^0 + 22^0 + 25^2 = 13 + 25 + 150 + 220 + 252 \\
 660 &:= 1^1 + 2^7 + 15^0 + 23^2 + 24^0 = 11 + 27 + 150 + 232 + 240 & 660 &:= 1^3 + 2^5 + 16^0 + 21^0 + 25^2 = 13 + 25 + 160 + 210 + 252 \\
 660 &:= 1^1 + 2^7 + 16^0 + 23^0 + 23^2 = 11 + 27 + 160 + 230 + 232 & 660 &:= 1^3 + 2^5 + 17^0 + 20^0 + 25^2 = 13 + 25 + 170 + 200 + 252 \\
 660 &:= 1^1 + 2^7 + 17^0 + 22^0 + 23^2 = 11 + 27 + 170 + 220 + 232 & 660 &:= 1^3 + 2^5 + 18^0 + 19^0 + 25^2 = 13 + 25 + 180 + 190 + 252 \\
 660 &:= 1^1 + 2^7 + 18^0 + 21^0 + 23^2 = 11 + 27 + 180 + 210 + 232 & 660 &:= 1^4 + 12^2 + 15^2 + 17^2 + 20^0 = 14 + 122 + 152 + 172 + 200 \\
 660 &:= 1^1 + 2^7 + 19^0 + 20^0 + 23^2 = 11 + 27 + 190 + 200 + 232 & 660 &:= 1^4 + 2^3 + 12^0 + 25^1 + 25^2 = 14 + 23 + 120 + 251 + 252
 \end{aligned}$$

$$\begin{aligned} 660 &:= 1^4 + 3^4 + 10^0 + 24^2 + 27^0 = 14 + 34 + 100 + 242 + 270 & 660 &:= 1^5 + 8^0 + 14^2 + 21^1 + 21^2 = 15 + 80 + 142 + 211 + 212 \\ 660 &:= 1^4 + 3^4 + 11^0 + 24^2 + 26^0 = 14 + 34 + 110 + 242 + 260 & 660 &:= 1^5 + 8^1 + 11^2 + 22^0 + 23^2 = 15 + 81 + 112 + 220 + 232 \\ 660 &:= 1^4 + 3^4 + 12^0 + 24^2 + 25^0 = 14 + 34 + 120 + 242 + 250 & 660 &:= 1^5 + 8^1 + 17^2 + 19^2 + 20^0 = 15 + 81 + 172 + 192 + 200 \\ 660 &:= 1^4 + 3^4 + 13^0 + 24^0 + 24^2 = 14 + 34 + 130 + 240 + 242 & 660 &:= 1^5 + 8^2 + 14^0 + 18^1 + 24^2 = 15 + 82 + 140 + 181 + 242 \\ 660 &:= 1^4 + 3^4 + 14^0 + 23^0 + 24^2 = 14 + 34 + 140 + 230 + 242 & 660 &:= 1^6 + 4^0 + 9^2 + 24^2 + 27^0 = 16 + 40 + 92 + 242 + 270 \\ 660 &:= 1^4 + 3^4 + 15^0 + 22^0 + 24^2 = 14 + 34 + 150 + 220 + 242 & 660 &:= 1^6 + 5^0 + 9^2 + 24^2 + 26^0 = 16 + 50 + 92 + 242 + 260 \\ 660 &:= 1^4 + 3^4 + 16^0 + 21^0 + 24^2 = 14 + 34 + 160 + 210 + 242 & 660 &:= 1^6 + 6^0 + 10^1 + 23^1 + 25^2 = 16 + 60 + 101 + 231 + 252 \\ 660 &:= 1^4 + 3^4 + 17^0 + 20^0 + 24^2 = 14 + 34 + 170 + 200 + 242 & 660 &:= 1^6 + 6^0 + 11^1 + 22^1 + 25^2 = 16 + 60 + 111 + 221 + 252 \\ 660 &:= 1^4 + 3^4 + 18^0 + 19^0 + 24^2 = 14 + 34 + 180 + 190 + 242 & 660 &:= 1^6 + 6^0 + 12^1 + 21^1 + 25^2 = 16 + 60 + 121 + 211 + 252 \\ 660 &:= 1^4 + 4^3 + 18^0 + 18^1 + 24^2 = 14 + 43 + 180 + 181 + 242 & 660 &:= 1^6 + 6^0 + 13^1 + 20^1 + 25^2 = 16 + 60 + 131 + 201 + 252 \\ 660 &:= 1^4 + 5^4 + 10^1 + 23^1 + 26^0 = 14 + 54 + 101 + 231 + 260 & 660 &:= 1^6 + 6^0 + 14^1 + 19^1 + 25^2 = 16 + 60 + 141 + 191 + 252 \\ 660 &:= 1^4 + 5^4 + 11^1 + 22^1 + 26^0 = 14 + 54 + 111 + 221 + 260 & 660 &:= 1^6 + 6^0 + 15^1 + 18^1 + 25^2 = 16 + 60 + 151 + 181 + 252 \\ 660 &:= 1^4 + 5^4 + 12^1 + 21^1 + 26^0 = 14 + 54 + 121 + 211 + 260 & 660 &:= 1^6 + 6^0 + 16^1 + 17^1 + 25^2 = 16 + 60 + 161 + 171 + 252 \\ 660 &:= 1^4 + 5^4 + 13^1 + 20^1 + 26^0 = 14 + 54 + 131 + 201 + 260 & 660 &:= 1^6 + 6^0 + 6^1 + 25^2 + 27^1 = 16 + 60 + 61 + 252 + 271 \\ 660 &:= 1^4 + 5^4 + 14^1 + 19^1 + 26^0 = 14 + 54 + 141 + 191 + 260 & 660 &:= 1^6 + 6^0 + 7^1 + 25^2 + 26^1 = 16 + 60 + 71 + 252 + 261 \\ 660 &:= 1^4 + 5^4 + 15^1 + 18^1 + 26^0 = 14 + 54 + 151 + 181 + 260 & 660 &:= 1^6 + 6^0 + 8^1 + 25^1 + 25^2 = 16 + 60 + 81 + 251 + 252 \\ 660 &:= 1^4 + 5^4 + 16^1 + 17^1 + 26^0 = 14 + 54 + 161 + 171 + 260 & 660 &:= 1^6 + 6^0 + 9^1 + 24^1 + 25^2 = 16 + 60 + 91 + 241 + 252 \\ 660 &:= 1^4 + 5^4 + 6^1 + 26^0 + 27^1 = 14 + 54 + 61 + 260 + 271 & 660 &:= 1^6 + 6^0 + 9^2 + 24^2 + 25^0 = 16 + 60 + 92 + 242 + 250 \\ 660 &:= 1^4 + 5^4 + 7^1 + 26^0 + 26^1 = 14 + 54 + 71 + 260 + 261 & 660 &:= 1^6 + 7^0 + 9^2 + 24^0 + 24^2 = 16 + 70 + 92 + 240 + 242 \\ 660 &:= 1^4 + 5^4 + 8^1 + 25^1 + 26^0 = 14 + 54 + 81 + 251 + 260 & 660 &:= 1^6 + 8^0 + 9^2 + 23^0 + 24^2 = 16 + 80 + 92 + 230 + 242 \\ 660 &:= 1^4 + 5^4 + 9^1 + 24^1 + 26^0 = 14 + 54 + 91 + 241 + 260 & 660 &:= 1^6 + 9^0 + 9^2 + 22^0 + 24^2 = 16 + 90 + 92 + 220 + 242 \\ 660 &:= 1^4 + 7^3 + 14^0 + 17^2 + 26^1 = 14 + 73 + 140 + 172 + 261 & 660 &:= 1^6 + 9^2 + 10^0 + 21^0 + 24^2 = 16 + 92 + 100 + 210 + 242 \\ 660 &:= 1^4 + 8^3 + 11^2 + 20^0 + 25^1 = 14 + 83 + 112 + 200 + 251 & 660 &:= 1^6 + 9^2 + 11^0 + 20^0 + 24^2 = 16 + 92 + 110 + 200 + 242 \\ 660 &:= 1^5 + 10^1 + 18^0 + 18^2 + 18^2 = 15 + 101 + 180 + 182 + 182 & 660 &:= 1^6 + 9^2 + 12^0 + 19^0 + 24^2 = 16 + 92 + 120 + 190 + 242 \\ 660 &:= 1^5 + 2^1 + 16^2 + 20^2 + 26^0 = 15 + 21 + 162 + 202 + 260 & 660 &:= 1^6 + 9^2 + 13^0 + 18^0 + 24^2 = 16 + 92 + 130 + 180 + 242 \\ 660 &:= 1^5 + 3^2 + 12^0 + 24^1 + 25^2 = 15 + 32 + 120 + 241 + 252 & 660 &:= 1^6 + 9^2 + 14^0 + 17^0 + 24^2 = 16 + 92 + 140 + 170 + 242 \\ 660 &:= 1^5 + 4^2 + 17^1 + 18^0 + 25^2 = 15 + 42 + 171 + 180 + 252 & 660 &:= 1^6 + 9^2 + 15^0 + 16^0 + 24^2 = 16 + 92 + 150 + 160 + 242 \\ 660 &:= 1^5 + 5^1 + 13^2 + 22^2 + 24^0 = 15 + 51 + 132 + 222 + 240 & 660 &:= 1^8 + 2^8 + 15^1 + 19^2 + 27^1 = 18 + 28 + 151 + 192 + 271 \\ 660 &:= 1^5 + 5^2 + 8^1 + 25^2 + 26^0 = 15 + 52 + 81 + 252 + 260 & 660 &:= 1^8 + 2^8 + 16^1 + 19^2 + 26^1 = 18 + 28 + 161 + 192 + 261 \\ 660 &:= 1^5 + 6^3 + 10^0 + 21^2 + 27^0 = 15 + 63 + 100 + 212 + 270 & 660 &:= 1^8 + 2^8 + 17^1 + 19^2 + 25^1 = 18 + 28 + 171 + 192 + 251 \\ 660 &:= 1^5 + 6^3 + 11^0 + 21^2 + 26^0 = 15 + 63 + 110 + 212 + 260 & 660 &:= 1^8 + 2^8 + 18^1 + 19^2 + 24^1 = 18 + 28 + 181 + 192 + 241 \\ 660 &:= 1^5 + 6^3 + 12^0 + 21^2 + 25^0 = 15 + 63 + 120 + 212 + 250 & 660 &:= 1^8 + 2^8 + 19^1 + 19^2 + 23^1 = 18 + 28 + 191 + 192 + 231 \\ 660 &:= 1^5 + 6^3 + 13^0 + 21^2 + 24^0 = 15 + 63 + 130 + 212 + 240 & 660 &:= 1^8 + 2^8 + 19^2 + 20^1 + 22^1 = 18 + 28 + 192 + 201 + 221 \\ 660 &:= 1^5 + 6^3 + 14^0 + 21^2 + 23^0 = 15 + 63 + 140 + 212 + 230 & 660 &:= 1^8 + 2^8 + 19^2 + 21^1 + 21^1 = 18 + 28 + 192 + 211 + 211 \\ 660 &:= 1^5 + 6^3 + 15^0 + 21^2 + 22^0 = 15 + 63 + 150 + 212 + 220 & 660 &:= 1^8 + 2^9 + 11^2 + 25^0 + 25^1 = 18 + 29 + 112 + 250 + 251 \\ 660 &:= 1^5 + 6^3 + 16^0 + 21^0 + 21^2 = 15 + 63 + 160 + 210 + 212 & 660 &:= 2^1 + 2^5 + 15^2 + 20^2 + 26^0 = 21 + 25 + 152 + 202 + 260 \\ 660 &:= 1^5 + 6^3 + 17^0 + 20^0 + 21^2 = 15 + 63 + 170 + 200 + 212 & 660 &:= 2^1 + 2^6 + 17^1 + 20^0 + 24^2 = 21 + 26 + 171 + 200 + 242 \\ 660 &:= 1^5 + 6^3 + 18^0 + 19^0 + 21^2 = 15 + 63 + 180 + 190 + 212 & 660 &:= 2^3 + 2^4 + 10^1 + 25^2 + 26^0 = 23 + 24 + 101 + 252 + 260 \end{aligned}$$

$$\begin{aligned}
 660 &:= 2^4 + 6^3 + 10^0 + 20^2 + 27^1 = 24 + 63 + 100 + 202 + 271 \\
 660 &:= 2^4 + 9^2 + 11^2 + 21^2 + 22^0 = 24 + 92 + 112 + 212 + 220 \\
 660 &:= 2^5 + 10^1 + 16^2 + 18^0 + 19^2 = 25 + 101 + 162 + 180 + 192 \\
 660 &:= 2^5 + 12^0 + 13^2 + 17^1 + 21^2 = 25 + 120 + 132 + 171 + 212 \\
 660 &:= 2^5 + 14^0 + 14^1 + 17^2 + 18^2 = 25 + 140 + 141 + 172 + 182 \\
 660 &:= 2^5 + 5^2 + 8^0 + 24^2 + 26^1 = 25 + 52 + 80 + 242 + 261 \\
 660 &:= 2^5 + 6^2 + 15^1 + 18^0 + 24^2 = 25 + 62 + 151 + 180 + 242 \\
 660 &:= 2^5 + 8^0 + 11^2 + 22^1 + 22^2 = 25 + 80 + 112 + 221 + 222 \\
 660 &:= 2^5 + 9^2 + 14^0 + 17^1 + 23^2 = 25 + 92 + 140 + 171 + 232 \\
 660 &:= 2^6 + 3^1 + 16^1 + 20^0 + 24^2 = 26 + 31 + 161 + 200 + 242 \\
 660 &:= 2^6 + 4^1 + 15^1 + 20^0 + 24^2 = 26 + 41 + 151 + 200 + 242 \\
 660 &:= 2^6 + 5^1 + 14^1 + 20^0 + 24^2 = 26 + 51 + 141 + 200 + 242 \\
 660 &:= 2^6 + 6^1 + 13^1 + 20^0 + 24^2 = 26 + 61 + 131 + 200 + 242 \\
 660 &:= 2^6 + 7^1 + 12^1 + 20^0 + 24^2 = 26 + 71 + 121 + 200 + 242 \\
 660 &:= 2^6 + 8^1 + 11^1 + 20^0 + 24^2 = 26 + 81 + 111 + 200 + 242 \\
 660 &:= 2^6 + 9^1 + 10^1 + 20^0 + 24^2 = 26 + 91 + 101 + 200 + 242 \\
 660 &:= 3^2 + 3^4 + 13^2 + 20^2 + 26^0 = 32 + 34 + 132 + 202 + 260
 \end{aligned}$$

$$\begin{aligned}
 660 &:= 3^3 + 3^3 + 11^2 + 22^2 + 26^0 = 33 + 33 + 112 + 222 + 260 \\
 660 &:= 3^3 + 3^4 + 14^0 + 22^1 + 23^2 = 33 + 34 + 140 + 221 + 232 \\
 660 &:= 3^3 + 4^4 + 15^1 + 19^2 + 24^0 = 33 + 44 + 151 + 192 + 240 \\
 660 &:= 3^4 + 4^2 + 11^2 + 21^2 + 26^0 = 34 + 42 + 112 + 212 + 260 \\
 660 &:= 3^4 + 5^3 + 12^1 + 21^2 + 24^0 = 34 + 53 + 121 + 212 + 240 \\
 660 &:= 3^4 + 8^2 + 15^2 + 17^2 + 22^0 = 34 + 82 + 152 + 172 + 220 \\
 660 &:= 3^5 + 10^0 + 14^2 + 14^2 + 24^1 = 35 + 100 + 142 + 142 + 241 \\
 660 &:= 3^5 + 12^0 + 13^2 + 15^2 + 22^1 = 35 + 120 + 132 + 152 + 221 \\
 660 &:= 3^5 + 12^2 + 16^1 + 16^2 + 18^0 = 35 + 122 + 161 + 162 + 180 \\
 660 &:= 3^5 + 6^2 + 18^0 + 19^1 + 19^2 = 35 + 62 + 180 + 191 + 192 \\
 660 &:= 3^5 + 8^0 + 10^2 + 17^2 + 27^1 = 35 + 80 + 102 + 172 + 271 \\
 660 &:= 3^5 + 9^2 + 11^1 + 18^2 + 24^0 = 35 + 92 + 111 + 182 + 240 \\
 660 &:= 4^3 + 4^4 + 15^1 + 18^2 + 24^0 = 43 + 44 + 151 + 182 + 240 \\
 660 &:= 4^4 + 5^3 + 16^2 + 18^0 + 22^1 = 44 + 53 + 162 + 180 + 221 \\
 660 &:= 4^4 + 6^2 + 7^3 + 24^0 + 24^1 = 44 + 62 + 73 + 240 + 241 \\
 660 &:= 4^4 + 6^3 + 13^2 + 18^1 + 24^0 = 44 + 63 + 132 + 181 + 240
 \end{aligned}$$

2.2.562 Number 661

$$\begin{aligned}
 661 &:= 2^8 + 19^2 + 44^1 = 28 + 192 + 441 \\
 661 &:= 1^0 + 2^8 + 19^2 + 43^1 = 10 + 28 + 192 + 431 \\
 661 &:= 1^6 + 10^2 + 23^2 + 31^1 = 16 + 102 + 232 + 311 \\
 661 &:= 1^6 + 5^4 + 25^0 + 34^1 = 16 + 54 + 250 + 341 \\
 661 &:= 1^8 + 5^0 + 25^2 + 34^1 = 18 + 50 + 252 + 341 \\
 661 &:= 2^5 + 4^3 + 23^2 + 36^1 = 25 + 43 + 232 + 361 \\
 661 &:= 2^6 + 9^2 + 22^2 + 32^1 = 26 + 92 + 222 + 321 \\
 661 &:= 2^7 + 8^3 + 20^1 + 35^0 = 27 + 83 + 201 + 350 \\
 661 &:= 2^8 + 4^1 + 20^2 + 39^0 = 28 + 41 + 202 + 390 \\
 661 &:= 3^5 + 5^2 + 7^3 + 50^1 = 35 + 52 + 73 + 501 \\
 661 &:= 1^2 + 2^4 + 16^2 + 19^2 + 27^1 = 12 + 24 + 162 + 192 + 271 \\
 661 &:= 1^2 + 2^6 + 19^0 + 19^1 + 24^2 = 12 + 26 + 190 + 191 + 242 \\
 661 &:= 1^3 + 2^3 + 15^2 + 20^2 + 27^1 = 13 + 23 + 152 + 202 + 271 \\
 661 &:= 1^3 + 3^4 + 17^2 + 17^2 + 27^0 = 13 + 34 + 172 + 172 + 270 \\
 661 &:= 1^3 + 3^5 + 16^1 + 20^2 + 25^0 = 13 + 35 + 161 + 202 + 250 \\
 661 &:= 1^3 + 4^3 + 13^2 + 20^2 + 27^1 = 13 + 43 + 132 + 202 + 271 \\
 661 &:= 1^4 + 2^4 + 18^1 + 19^0 + 25^2 = 14 + 24 + 181 + 190 + 252 \\
 661 &:= 1^4 + 3^2 + 15^2 + 20^2 + 26^1 = 14 + 32 + 152 + 202 + 261
 \end{aligned}$$

$$\begin{aligned}
 661 &:= 1^4 + 5^2 + 13^2 + 21^2 + 25^1 = 14 + 52 + 132 + 212 + 251 \\
 661 &:= 1^4 + 9^2 + 14^2 + 19^2 + 22^1 = 14 + 92 + 142 + 192 + 221 \\
 661 &:= 1^5 + 10^1 + 10^2 + 21^1 + 23^2 = 15 + 101 + 102 + 211 + 232 \\
 661 &:= 1^5 + 10^2 + 11^1 + 20^1 + 23^2 = 15 + 102 + 111 + 201 + 232 \\
 661 &:= 1^5 + 10^2 + 12^1 + 19^1 + 23^2 = 15 + 102 + 121 + 191 + 232 \\
 661 &:= 1^5 + 10^2 + 13^1 + 18^1 + 23^2 = 15 + 102 + 131 + 181 + 232 \\
 661 &:= 1^5 + 10^2 + 14^1 + 17^1 + 23^2 = 15 + 102 + 141 + 171 + 232 \\
 661 &:= 1^5 + 10^2 + 15^1 + 16^1 + 23^2 = 15 + 102 + 151 + 161 + 232 \\
 661 &:= 1^5 + 2^3 + 11^0 + 25^2 + 26^1 = 15 + 23 + 110 + 252 + 261 \\
 661 &:= 1^5 + 3^2 + 11^2 + 23^2 + 27^0 = 15 + 32 + 112 + 232 + 270 \\
 661 &:= 1^5 + 3^2 + 17^2 + 19^2 + 25^0 = 15 + 32 + 172 + 192 + 250 \\
 661 &:= 1^5 + 4^1 + 10^2 + 23^2 + 27^1 = 15 + 41 + 102 + 232 + 271 \\
 661 &:= 1^5 + 4^3 + 17^0 + 19^1 + 24^2 = 15 + 43 + 170 + 191 + 242 \\
 661 &:= 1^5 + 5^1 + 10^2 + 23^2 + 26^1 = 15 + 51 + 102 + 232 + 261 \\
 661 &:= 1^5 + 5^4 + 10^1 + 24^1 + 25^0 = 15 + 54 + 101 + 241 + 250 \\
 661 &:= 1^5 + 5^4 + 11^1 + 23^1 + 25^0 = 15 + 54 + 111 + 231 + 250 \\
 661 &:= 1^5 + 5^4 + 12^1 + 22^1 + 25^0 = 15 + 54 + 121 + 221 + 250 \\
 661 &:= 1^5 + 5^4 + 13^1 + 21^1 + 25^0 = 15 + 54 + 131 + 211 + 250
 \end{aligned}$$

$$\begin{aligned} 661 &:= 1^5 + 5^4 + 14^1 + 20^1 + 25^0 = 15 + 54 + 141 + 201 + 250 \\ 661 &:= 1^5 + 5^4 + 15^1 + 19^1 + 25^0 = 15 + 54 + 151 + 191 + 250 \\ 661 &:= 1^5 + 5^4 + 16^1 + 18^1 + 25^0 = 15 + 54 + 161 + 181 + 250 \\ 661 &:= 1^5 + 5^4 + 17^1 + 17^1 + 25^0 = 15 + 54 + 171 + 171 + 250 \\ 661 &:= 1^5 + 5^4 + 7^1 + 25^0 + 27^1 = 15 + 54 + 71 + 250 + 271 \\ 661 &:= 1^5 + 5^4 + 8^1 + 25^0 + 26^1 = 15 + 54 + 81 + 250 + 261 \\ 661 &:= 1^5 + 5^4 + 9^1 + 25^0 + 25^1 = 15 + 54 + 91 + 250 + 251 \\ 661 &:= 1^5 + 6^1 + 10^2 + 23^2 + 25^1 = 15 + 61 + 102 + 232 + 251 \\ 661 &:= 1^5 + 7^1 + 10^2 + 23^2 + 24^1 = 15 + 71 + 102 + 232 + 241 \\ 661 &:= 1^5 + 7^2 + 13^2 + 21^2 + 23^0 = 15 + 72 + 132 + 212 + 230 \\ 661 &:= 1^5 + 7^2 + 9^2 + 23^2 + 25^0 = 15 + 72 + 92 + 232 + 250 \\ 661 &:= 1^5 + 7^3 + 13^0 + 17^2 + 27^1 = 15 + 73 + 130 + 172 + 271 \\ 661 &:= 1^5 + 8^1 + 10^2 + 23^1 + 23^2 = 15 + 81 + 102 + 231 + 232 \\ 661 &:= 1^5 + 8^3 + 11^2 + 19^0 + 26^1 = 15 + 83 + 112 + 190 + 261 \\ 661 &:= 1^5 + 9^1 + 10^2 + 22^1 + 23^2 = 15 + 91 + 102 + 221 + 232 \\ 661 &:= 1^5 + 9^2 + 17^2 + 17^2 + 21^0 = 15 + 92 + 172 + 172 + 210 \\ 661 &:= 1^6 + 11^1 + 17^0 + 18^2 + 18^2 = 16 + 111 + 170 + 182 + 182 \\ 661 &:= 1^6 + 3^1 + 16^2 + 20^2 + 25^0 = 16 + 31 + 162 + 202 + 250 \\ 661 &:= 1^6 + 3^2 + 11^0 + 25^1 + 25^2 = 16 + 32 + 110 + 251 + 252 \\ 661 &:= 1^6 + 4^2 + 17^0 + 18^1 + 25^2 = 16 + 42 + 170 + 181 + 252 \\ 661 &:= 1^6 + 5^2 + 9^1 + 25^0 + 25^2 = 16 + 52 + 91 + 250 + 252 \\ 661 &:= 1^6 + 6^1 + 13^2 + 22^2 + 23^0 = 16 + 61 + 132 + 222 + 230 \\ 661 &:= 1^6 + 7^0 + 14^2 + 21^2 + 22^1 = 16 + 70 + 142 + 212 + 221 \\ 661 &:= 1^6 + 8^2 + 13^0 + 19^1 + 24^2 = 16 + 82 + 130 + 191 + 242 \\ 661 &:= 1^6 + 9^1 + 11^2 + 21^0 + 23^2 = 16 + 91 + 112 + 210 + 232 \\ 661 &:= 1^6 + 9^1 + 17^2 + 19^0 + 19^2 = 16 + 91 + 172 + 190 + 192 \\ 661 &:= 1^7 + 5^0 + 10^1 + 24^1 + 25^2 = 17 + 50 + 101 + 241 + 252 \\ 661 &:= 1^7 + 5^0 + 11^1 + 23^1 + 25^2 = 17 + 50 + 111 + 231 + 252 \\ 661 &:= 1^7 + 5^0 + 12^1 + 22^1 + 25^2 = 17 + 50 + 121 + 221 + 252 \\ 661 &:= 1^7 + 5^0 + 13^1 + 21^1 + 25^2 = 17 + 50 + 131 + 211 + 252 \\ 661 &:= 1^7 + 5^0 + 14^1 + 20^1 + 25^2 = 17 + 50 + 141 + 201 + 252 \\ 661 &:= 1^7 + 5^0 + 15^1 + 19^1 + 25^2 = 17 + 50 + 151 + 191 + 252 \\ 661 &:= 1^7 + 5^0 + 16^1 + 18^1 + 25^2 = 17 + 50 + 161 + 181 + 252 \\ 661 &:= 1^7 + 5^0 + 17^1 + 17^1 + 25^2 = 17 + 50 + 171 + 171 + 252 \\ 661 &:= 1^7 + 5^0 + 7^1 + 25^2 + 27^1 = 17 + 50 + 71 + 252 + 271 \\ 661 &:= 1^7 + 5^0 + 8^1 + 25^2 + 26^1 = 17 + 50 + 81 + 252 + 261 \\ 661 &:= 1^7 + 5^0 + 9^1 + 25^1 + 25^2 = 17 + 50 + 91 + 251 + 252 \\ 661 &:= 1^9 + 2^9 + 11^2 + 24^0 + 26^1 = 19 + 29 + 112 + 240 + 261 \end{aligned}$$

$$\begin{aligned} 661 &:= 2^2 + 2^6 + 16^1 + 21^0 + 24^2 = 22 + 26 + 161 + 210 + 242 \\ 661 &:= 2^2 + 3^4 + 15^2 + 18^2 + 27^1 = 22 + 34 + 152 + 182 + 271 \\ 661 &:= 2^3 + 4^3 + 11^2 + 21^2 + 27^1 = 23 + 43 + 112 + 212 + 271 \\ 661 &:= 2^4 + 12^2 + 15^2 + 16^2 + 20^1 = 24 + 122 + 152 + 162 + 201 \\ 661 &:= 2^4 + 3^2 + 13^2 + 21^2 + 26^1 = 24 + 32 + 132 + 212 + 261 \\ 661 &:= 2^4 + 3^3 + 16^2 + 19^2 + 25^0 = 24 + 33 + 162 + 192 + 250 \\ 661 &:= 2^4 + 3^5 + 13^0 + 20^2 + 27^0 = 24 + 35 + 130 + 202 + 270 \\ 661 &:= 2^4 + 3^5 + 14^0 + 20^2 + 26^0 = 24 + 35 + 140 + 202 + 260 \\ 661 &:= 2^4 + 3^5 + 15^0 + 20^2 + 25^0 = 24 + 35 + 150 + 202 + 250 \\ 661 &:= 2^4 + 3^5 + 16^0 + 20^2 + 24^0 = 24 + 35 + 160 + 202 + 240 \\ 661 &:= 2^4 + 3^5 + 17^0 + 20^2 + 23^0 = 24 + 35 + 170 + 202 + 230 \\ 661 &:= 2^4 + 3^5 + 18^0 + 20^2 + 22^0 = 24 + 35 + 180 + 202 + 220 \\ 661 &:= 2^4 + 3^5 + 19^0 + 20^2 + 21^0 = 24 + 35 + 190 + 202 + 210 \\ 661 &:= 2^4 + 3^5 + 20^0 + 20^0 + 20^2 = 24 + 35 + 200 + 200 + 202 \\ 661 &:= 2^4 + 4^3 + 16^2 + 18^2 + 25^0 = 24 + 43 + 162 + 182 + 250 \\ 661 &:= 2^4 + 4^4 + 13^0 + 19^2 + 27^1 = 24 + 44 + 130 + 192 + 271 \\ 661 &:= 2^4 + 5^2 + 14^2 + 20^2 + 24^1 = 24 + 52 + 142 + 202 + 241 \\ 661 &:= 2^4 + 5^2 + 8^2 + 23^2 + 27^1 = 24 + 52 + 82 + 232 + 271 \\ 661 &:= 2^4 + 5^3 + 10^1 + 22^2 + 26^1 = 24 + 53 + 101 + 222 + 261 \\ 661 &:= 2^4 + 5^3 + 11^1 + 22^2 + 25^1 = 24 + 53 + 111 + 222 + 251 \\ 661 &:= 2^4 + 5^3 + 12^1 + 22^2 + 24^1 = 24 + 53 + 121 + 222 + 241 \\ 661 &:= 2^4 + 5^3 + 13^1 + 22^2 + 23^1 = 24 + 53 + 131 + 222 + 231 \\ 661 &:= 2^4 + 5^3 + 14^1 + 22^1 + 22^2 = 24 + 53 + 141 + 221 + 222 \\ 661 &:= 2^4 + 5^3 + 15^1 + 21^1 + 22^2 = 24 + 53 + 151 + 211 + 222 \\ 661 &:= 2^4 + 5^3 + 16^1 + 20^1 + 22^2 = 24 + 53 + 161 + 201 + 222 \\ 661 &:= 2^4 + 5^3 + 17^1 + 19^1 + 22^2 = 24 + 53 + 171 + 191 + 222 \\ 661 &:= 2^4 + 5^3 + 18^1 + 18^1 + 22^2 = 24 + 53 + 181 + 181 + 222 \\ 661 &:= 2^4 + 5^3 + 9^1 + 22^2 + 27^1 = 24 + 53 + 91 + 222 + 271 \\ 661 &:= 2^4 + 6^2 + 10^2 + 22^2 + 25^1 = 24 + 62 + 102 + 222 + 251 \\ 661 &:= 2^4 + 6^2 + 12^2 + 21^2 + 24^1 = 24 + 62 + 122 + 212 + 241 \\ 661 &:= 2^4 + 6^2 + 15^2 + 19^2 + 23^1 = 24 + 62 + 152 + 192 + 231 \\ 661 &:= 2^4 + 9^2 + 10^2 + 21^2 + 23^1 = 24 + 92 + 102 + 212 + 231 \\ 661 &:= 2^5 + 3^3 + 11^0 + 24^2 + 25^1 = 25 + 33 + 110 + 242 + 251 \\ 661 &:= 2^5 + 5^3 + 17^0 + 19^1 + 22^2 = 25 + 53 + 170 + 191 + 222 \\ 661 &:= 2^5 + 6^3 + 12^1 + 20^2 + 25^0 = 25 + 63 + 121 + 202 + 250 \\ 661 &:= 2^6 + 10^1 + 15^2 + 19^0 + 19^2 = 26 + 101 + 152 + 190 + 192 \\ 661 &:= 2^6 + 10^2 + 12^1 + 19^0 + 22^2 = 26 + 102 + 121 + 190 + 222 \\ 661 &:= 2^6 + 11^0 + 17^2 + 17^2 + 18^1 = 26 + 110 + 172 + 172 + 181 \end{aligned}$$

$$\begin{aligned}
 661 &:= 2^6 + 11^1 + 12^2 + 19^0 + 21^2 = 26 + 111 + 122 + 190 + 212 \\
 661 &:= 2^6 + 13^0 + 16^1 + 16^2 + 18^2 = 26 + 130 + 161 + 162 + 182 \\
 661 &:= 2^6 + 3^0 + 13^2 + 20^2 + 27^1 = 26 + 30 + 132 + 202 + 271 \\
 661 &:= 2^6 + 3^2 + 11^1 + 24^2 + 25^0 = 26 + 32 + 111 + 242 + 250 \\
 661 &:= 2^6 + 7^2 + 15^0 + 18^1 + 23^2 = 26 + 72 + 150 + 181 + 232 \\
 661 &:= 2^7 + 8^3 + 10^0 + 19^1 + 26^0 = 27 + 83 + 100 + 191 + 260 \\
 661 &:= 2^7 + 8^3 + 11^0 + 19^1 + 25^0 = 27 + 83 + 110 + 191 + 250 \\
 661 &:= 2^7 + 8^3 + 12^0 + 19^1 + 24^0 = 27 + 83 + 120 + 191 + 240 \\
 661 &:= 2^7 + 8^3 + 13^0 + 19^1 + 23^0 = 27 + 83 + 130 + 191 + 230 \\
 661 &:= 2^7 + 8^3 + 14^0 + 19^1 + 22^0 = 27 + 83 + 140 + 191 + 220 \\
 661 &:= 2^7 + 8^3 + 15^0 + 19^1 + 21^0 = 27 + 83 + 150 + 191 + 210 \\
 661 &:= 2^7 + 8^3 + 16^0 + 19^1 + 20^0 = 27 + 83 + 160 + 191 + 200 \\
 661 &:= 2^7 + 8^3 + 17^0 + 19^0 + 19^1 = 27 + 83 + 170 + 190 + 191 \\
 661 &:= 2^7 + 8^3 + 18^0 + 18^0 + 19^1 = 27 + 83 + 180 + 180 + 191 \\
 661 &:= 2^7 + 8^3 + 9^0 + 19^1 + 27^0 = 27 + 83 + 90 + 191 + 270 \\
 661 &:= 2^8 + 3^1 + 13^0 + 20^2 + 27^0 = 28 + 31 + 130 + 202 + 270 \\
 661 &:= 2^8 + 3^1 + 14^0 + 20^2 + 26^0 = 28 + 31 + 140 + 202 + 260 \\
 661 &:= 2^8 + 3^1 + 15^0 + 20^2 + 25^0 = 28 + 31 + 150 + 202 + 250 \\
 661 &:= 2^8 + 3^1 + 16^0 + 20^2 + 24^0 = 28 + 31 + 160 + 202 + 240 \\
 661 &:= 2^8 + 3^1 + 17^0 + 20^2 + 23^0 = 28 + 31 + 170 + 202 + 230 \\
 661 &:= 2^8 + 3^1 + 18^0 + 20^2 + 22^0 = 28 + 31 + 180 + 202 + 220 \\
 661 &:= 2^8 + 3^1 + 19^0 + 20^2 + 21^0 = 28 + 31 + 190 + 202 + 210 \\
 661 &:= 2^8 + 3^1 + 20^0 + 20^0 + 20^2 = 28 + 31 + 200 + 200 + 202
 \end{aligned}$$

$$\begin{aligned}
 661 &:= 3^2 + 3^4 + 12^2 + 20^2 + 27^1 = 32 + 34 + 122 + 202 + 271 \\
 661 &:= 3^2 + 3^4 + 16^2 + 17^2 + 26^1 = 32 + 34 + 162 + 172 + 261 \\
 661 &:= 3^3 + 4^3 + 12^2 + 20^2 + 26^1 = 33 + 43 + 122 + 202 + 261 \\
 661 &:= 3^3 + 4^3 + 16^2 + 17^2 + 25^1 = 33 + 43 + 162 + 172 + 251 \\
 661 &:= 3^3 + 5^3 + 11^2 + 19^2 + 27^1 = 33 + 53 + 112 + 192 + 271 \\
 661 &:= 3^4 + 10^2 + 13^2 + 17^2 + 22^1 = 34 + 102 + 132 + 172 + 221 \\
 661 &:= 3^4 + 3^4 + 14^1 + 22^2 + 23^0 = 34 + 34 + 141 + 222 + 230 \\
 661 &:= 3^4 + 5^2 + 13^2 + 19^2 + 25^1 = 34 + 52 + 132 + 192 + 251 \\
 661 &:= 3^4 + 6^2 + 14^2 + 18^2 + 24^1 = 34 + 62 + 142 + 182 + 241 \\
 661 &:= 3^4 + 7^2 + 8^2 + 21^2 + 26^1 = 34 + 72 + 82 + 212 + 261 \\
 661 &:= 3^4 + 7^3 + 14^1 + 14^2 + 27^1 = 34 + 73 + 141 + 142 + 271 \\
 661 &:= 3^4 + 7^3 + 14^2 + 15^1 + 26^1 = 34 + 73 + 142 + 151 + 261 \\
 661 &:= 3^4 + 7^3 + 14^2 + 16^1 + 25^1 = 34 + 73 + 142 + 161 + 251 \\
 661 &:= 3^4 + 7^3 + 14^2 + 17^1 + 24^1 = 34 + 73 + 142 + 171 + 241 \\
 661 &:= 3^4 + 7^3 + 14^2 + 18^1 + 23^1 = 34 + 73 + 142 + 181 + 231 \\
 661 &:= 3^4 + 7^3 + 14^2 + 19^1 + 22^1 = 34 + 73 + 142 + 191 + 221 \\
 661 &:= 3^4 + 7^3 + 14^2 + 20^1 + 21^1 = 34 + 73 + 142 + 201 + 211 \\
 661 &:= 3^4 + 8^2 + 13^2 + 18^2 + 23^1 = 34 + 82 + 132 + 182 + 231 \\
 661 &:= 3^5 + 10^2 + 11^2 + 14^2 + 27^0 = 35 + 102 + 112 + 142 + 270 \\
 661 &:= 3^5 + 7^2 + 7^3 + 23^0 + 25^1 = 35 + 72 + 73 + 230 + 251 \\
 661 &:= 4^3 + 5^3 + 11^2 + 18^2 + 27^1 = 43 + 53 + 112 + 182 + 271 \\
 661 &:= 4^4 + 4^4 + 11^2 + 19^0 + 27^1 = 44 + 44 + 112 + 190 + 271
 \end{aligned}$$

2.2.563 Number 662

$$\begin{aligned}
 662 &:= 1^7 + 5^4 + 24^0 + 35^1 = 17 + 54 + 240 + 351 \\
 662 &:= 1^9 + 4^0 + 25^2 + 35^1 = 19 + 40 + 252 + 351 \\
 662 &:= 2^8 + 9^2 + 18^2 + 36^0 = 28 + 92 + 182 + 360 \\
 662 &:= 2^9 + 11^2 + 24^0 + 28^1 = 29 + 112 + 240 + 281 \\
 662 &:= 2^9 + 4^0 + 10^2 + 49^1 = 29 + 40 + 102 + 491 \\
 662 &:= 2^9 + 5^1 + 12^2 + 46^0 = 29 + 51 + 122 + 460 \\
 662 &:= 1^0 + 2^9 + 11^2 + 24^0 + 27^1 = 10 + 29 + 112 + 240 + 271 \\
 662 &:= 1^3 + 2^6 + 18^0 + 20^1 + 24^2 = 13 + 26 + 180 + 201 + 242 \\
 662 &:= 1^4 + 3^5 + 17^1 + 20^2 + 24^0 = 14 + 35 + 171 + 202 + 240 \\
 662 &:= 1^5 + 2^4 + 18^0 + 19^1 + 25^2 = 15 + 24 + 180 + 191 + 252 \\
 662 &:= 1^5 + 4^3 + 14^2 + 20^2 + 26^0 = 15 + 43 + 142 + 202 + 260 \\
 662 &:= 1^6 + 2^2 + 16^2 + 20^2 + 26^0 = 16 + 22 + 162 + 202 + 260
 \end{aligned}$$

$$\begin{aligned}
 662 &:= 1^6 + 2^3 + 10^0 + 25^2 + 27^1 = 16 + 23 + 100 + 252 + 271 \\
 662 &:= 1^6 + 4^3 + 16^0 + 20^1 + 24^2 = 16 + 43 + 160 + 201 + 242 \\
 662 &:= 1^6 + 5^4 + 10^1 + 24^0 + 25^1 = 16 + 54 + 101 + 240 + 251 \\
 662 &:= 1^6 + 5^4 + 11^1 + 24^0 + 24^1 = 16 + 54 + 111 + 240 + 241 \\
 662 &:= 1^6 + 5^4 + 12^1 + 23^1 + 24^0 = 16 + 54 + 121 + 231 + 240 \\
 662 &:= 1^6 + 5^4 + 13^1 + 22^1 + 24^0 = 16 + 54 + 131 + 221 + 240 \\
 662 &:= 1^6 + 5^4 + 14^1 + 21^1 + 24^0 = 16 + 54 + 141 + 211 + 240 \\
 662 &:= 1^6 + 5^4 + 15^1 + 20^1 + 24^0 = 16 + 54 + 151 + 201 + 240 \\
 662 &:= 1^6 + 5^4 + 16^1 + 19^1 + 24^0 = 16 + 54 + 161 + 191 + 240 \\
 662 &:= 1^6 + 5^4 + 17^1 + 18^1 + 24^0 = 16 + 54 + 171 + 181 + 240 \\
 662 &:= 1^6 + 5^4 + 8^1 + 24^0 + 27^1 = 16 + 54 + 81 + 240 + 271 \\
 662 &:= 1^6 + 5^4 + 9^1 + 24^0 + 26^1 = 16 + 54 + 91 + 240 + 261
 \end{aligned}$$

$$\begin{aligned}
 662 &:= 1^6 + 8^2 + 14^2 + 20^2 + 22^0 = 16 + 82 + 142 + 202 + 220 \\
 662 &:= 1^6 + 8^3 + 11^2 + 18^0 + 27^1 = 16 + 83 + 112 + 180 + 271 \\
 662 &:= 1^7 + 10^1 + 11^2 + 20^0 + 23^2 = 17 + 101 + 112 + 200 + 232 \\
 662 &:= 1^7 + 10^1 + 17^2 + 18^0 + 19^2 = 17 + 101 + 172 + 180 + 192 \\
 662 &:= 1^7 + 12^1 + 16^0 + 18^2 + 18^2 = 17 + 121 + 160 + 182 + 182 \\
 662 &:= 1^7 + 3^2 + 10^0 + 25^2 + 26^1 = 17 + 32 + 100 + 252 + 261 \\
 662 &:= 1^7 + 4^1 + 16^2 + 20^2 + 24^0 = 17 + 41 + 162 + 202 + 240 \\
 662 &:= 1^7 + 4^2 + 16^0 + 19^1 + 25^2 = 17 + 42 + 160 + 191 + 252 \\
 662 &:= 1^7 + 5^2 + 10^1 + 24^0 + 25^2 = 17 + 52 + 101 + 240 + 252 \\
 662 &:= 1^7 + 6^0 + 14^2 + 21^2 + 23^1 = 17 + 60 + 142 + 212 + 231 \\
 662 &:= 1^7 + 7^1 + 13^2 + 22^0 + 22^2 = 17 + 71 + 132 + 220 + 222 \\
 662 &:= 1^7 + 8^2 + 12^0 + 20^1 + 24^2 = 17 + 82 + 120 + 201 + 242 \\
 662 &:= 1^8 + 4^0 + 10^1 + 25^1 + 25^2 = 18 + 40 + 101 + 251 + 252 \\
 662 &:= 1^8 + 4^0 + 11^1 + 24^1 + 25^2 = 18 + 40 + 111 + 241 + 252 \\
 662 &:= 1^8 + 4^0 + 12^1 + 23^1 + 25^2 = 18 + 40 + 121 + 231 + 252 \\
 662 &:= 1^8 + 4^0 + 13^1 + 22^1 + 25^2 = 18 + 40 + 131 + 221 + 252 \\
 662 &:= 1^8 + 4^0 + 14^1 + 21^1 + 25^2 = 18 + 40 + 141 + 211 + 252 \\
 662 &:= 1^8 + 4^0 + 15^1 + 20^1 + 25^2 = 18 + 40 + 151 + 201 + 252 \\
 662 &:= 1^8 + 4^0 + 16^1 + 19^1 + 25^2 = 18 + 40 + 161 + 191 + 252 \\
 662 &:= 1^8 + 4^0 + 17^1 + 18^1 + 25^2 = 18 + 40 + 171 + 181 + 252 \\
 662 &:= 1^8 + 4^0 + 8^1 + 25^2 + 27^1 = 18 + 40 + 81 + 252 + 271 \\
 662 &:= 1^8 + 4^0 + 9^1 + 25^2 + 26^1 = 18 + 40 + 91 + 252 + 261 \\
 662 &:= 2^0 + 2^9 + 11^2 + 23^0 + 27^1 = 20 + 29 + 112 + 230 + 271 \\
 662 &:= 2^2 + 2^8 + 14^0 + 20^2 + 27^0 = 22 + 28 + 140 + 202 + 270 \\
 662 &:= 2^2 + 2^8 + 15^0 + 20^2 + 26^0 = 22 + 28 + 150 + 202 + 260 \\
 662 &:= 2^2 + 2^8 + 16^0 + 20^2 + 25^0 = 22 + 28 + 160 + 202 + 250 \\
 662 &:= 2^2 + 2^8 + 17^0 + 20^2 + 24^0 = 22 + 28 + 170 + 202 + 240 \\
 662 &:= 2^2 + 2^8 + 18^0 + 20^2 + 23^0 = 22 + 28 + 180 + 202 + 230 \\
 662 &:= 2^2 + 2^8 + 19^0 + 20^2 + 22^0 = 22 + 28 + 190 + 202 + 220
 \end{aligned}$$

$$\begin{aligned}
 662 &:= 2^2 + 2^8 + 20^0 + 20^2 + 21^0 = 22 + 28 + 200 + 202 + 210 \\
 662 &:= 2^3 + 2^6 + 13^1 + 24^0 + 24^2 = 23 + 26 + 131 + 240 + 242 \\
 662 &:= 2^5 + 3^4 + 18^0 + 19^1 + 23^2 = 25 + 34 + 180 + 191 + 232 \\
 662 &:= 2^6 + 6^3 + 18^0 + 19^2 + 20^1 = 26 + 63 + 180 + 192 + 201 \\
 662 &:= 2^6 + 7^2 + 8^2 + 22^2 + 26^0 = 26 + 72 + 82 + 222 + 260 \\
 662 &:= 2^6 + 8^2 + 8^3 + 21^1 + 26^0 = 26 + 82 + 83 + 211 + 260 \\
 662 &:= 2^7 + 10^0 + 16^2 + 16^2 + 21^1 = 27 + 100 + 162 + 162 + 211 \\
 662 &:= 2^7 + 11^2 + 12^1 + 20^0 + 20^2 = 27 + 112 + 121 + 200 + 202 \\
 662 &:= 2^7 + 12^0 + 15^2 + 17^2 + 19^1 = 27 + 120 + 152 + 172 + 191 \\
 662 &:= 2^7 + 13^1 + 14^2 + 18^0 + 18^2 = 27 + 131 + 142 + 180 + 182 \\
 662 &:= 2^7 + 5^2 + 12^0 + 22^2 + 24^1 = 27 + 52 + 120 + 222 + 241 \\
 662 &:= 2^7 + 6^2 + 13^1 + 22^0 + 22^2 = 27 + 62 + 131 + 220 + 222 \\
 662 &:= 2^7 + 9^2 + 11^1 + 21^2 + 22^0 = 27 + 92 + 111 + 212 + 220 \\
 662 &:= 2^9 + 10^0 + 11^2 + 15^0 + 27^1 = 29 + 100 + 112 + 150 + 271 \\
 662 &:= 2^9 + 11^0 + 11^2 + 14^0 + 27^1 = 29 + 110 + 112 + 140 + 271 \\
 662 &:= 2^9 + 11^2 + 12^0 + 13^0 + 27^1 = 29 + 112 + 120 + 130 + 271 \\
 662 &:= 2^9 + 3^0 + 11^2 + 22^0 + 27^1 = 29 + 30 + 112 + 220 + 271 \\
 662 &:= 2^9 + 4^0 + 11^2 + 21^0 + 27^1 = 29 + 40 + 112 + 210 + 271 \\
 662 &:= 2^9 + 4^1 + 12^2 + 20^0 + 27^0 = 29 + 41 + 122 + 200 + 270 \\
 662 &:= 2^9 + 4^1 + 12^2 + 21^0 + 26^0 = 29 + 41 + 122 + 210 + 260 \\
 662 &:= 2^9 + 4^1 + 12^2 + 22^0 + 25^0 = 29 + 41 + 122 + 220 + 250 \\
 662 &:= 2^9 + 4^1 + 12^2 + 23^0 + 24^0 = 29 + 41 + 122 + 230 + 240 \\
 662 &:= 2^9 + 5^0 + 11^2 + 20^0 + 27^1 = 29 + 50 + 112 + 200 + 271 \\
 662 &:= 2^9 + 6^0 + 11^2 + 19^0 + 27^1 = 29 + 60 + 112 + 190 + 271 \\
 662 &:= 2^9 + 7^0 + 11^2 + 18^0 + 27^1 = 29 + 70 + 112 + 180 + 271 \\
 662 &:= 2^9 + 8^0 + 11^2 + 17^0 + 27^1 = 29 + 80 + 112 + 170 + 271 \\
 662 &:= 2^9 + 9^0 + 11^2 + 16^0 + 27^1 = 29 + 90 + 112 + 160 + 271
 \end{aligned}$$

2.2.564 Number 663

$$\begin{aligned}
 663 &:= 4^0 + 25^2 + 37^1 = 40 + 252 + 371 \\
 663 &:= 1^0 + 4^0 + 25^2 + 36^1 = 10 + 40 + 252 + 361 \\
 663 &:= 1^7 + 5^4 + 6^2 + 53^0 = 17 + 54 + 62 + 530 \\
 663 &:= 1^8 + 5^4 + 23^0 + 36^1 = 18 + 54 + 230 + 361 \\
 663 &:= 1^9 + 6^2 + 25^2 + 33^0 = 19 + 62 + 252 + 330 \\
 663 &:= 2^0 + 3^0 + 25^2 + 36^1 = 20 + 30 + 252 + 361 \\
 663 &:= 2^2 + 2^8 + 19^2 + 42^1 = 22 + 28 + 192 + 421
 \end{aligned}$$

$$\begin{aligned}
 663 &:= 2^8 + 9^2 + 17^2 + 37^1 = 28 + 92 + 172 + 371 \\
 663 &:= 2^9 + 5^3 + 25^1 + 33^0 = 29 + 53 + 251 + 330 \\
 663 &:= 1^4 + 2^6 + 17^0 + 21^1 + 24^2 = 14 + 26 + 170 + 211 + 242 \\
 663 &:= 1^5 + 3^4 + 16^2 + 18^2 + 27^0 = 15 + 34 + 162 + 182 + 270 \\
 663 &:= 1^5 + 3^5 + 18^1 + 20^2 + 23^0 = 15 + 35 + 181 + 202 + 230 \\
 663 &:= 1^6 + 11^2 + 14^2 + 18^2 + 21^1 = 16 + 112 + 142 + 182 + 211 \\
 663 &:= 1^6 + 2^3 + 13^2 + 22^2 + 27^0 = 16 + 23 + 132 + 222 + 270
 \end{aligned}$$

$$\begin{aligned} 663 &:= 1^6 + 2^4 + 17^0 + 20^1 + 25^2 = 16 + 24 + 170 + 201 + 252 \\ 663 &:= 1^6 + 5^2 + 17^2 + 18^2 + 24^1 = 16 + 52 + 172 + 182 + 241 \\ 663 &:= 1^6 + 5^2 + 9^2 + 23^2 + 27^1 = 16 + 52 + 92 + 232 + 271 \\ 663 &:= 1^6 + 5^3 + 8^3 + 24^1 + 27^0 = 16 + 53 + 83 + 241 + 270 \\ 663 &:= 1^7 + 3^3 + 9^1 + 25^2 + 27^0 = 17 + 33 + 91 + 252 + 270 \\ 663 &:= 1^7 + 4^3 + 15^0 + 21^1 + 24^2 = 17 + 43 + 150 + 211 + 242 \\ 663 &:= 1^7 + 5^4 + 10^1 + 23^0 + 26^1 = 17 + 54 + 101 + 230 + 261 \\ 663 &:= 1^7 + 5^4 + 11^1 + 23^0 + 25^1 = 17 + 54 + 111 + 230 + 251 \\ 663 &:= 1^7 + 5^4 + 12^1 + 23^0 + 24^1 = 17 + 54 + 121 + 230 + 241 \\ 663 &:= 1^7 + 5^4 + 13^1 + 23^0 + 23^1 = 17 + 54 + 131 + 230 + 231 \\ 663 &:= 1^7 + 5^4 + 14^1 + 22^1 + 23^0 = 17 + 54 + 141 + 221 + 230 \\ 663 &:= 1^7 + 5^4 + 15^1 + 21^1 + 23^0 = 17 + 54 + 151 + 211 + 230 \\ 663 &:= 1^7 + 5^4 + 16^1 + 20^1 + 23^0 = 17 + 54 + 161 + 201 + 230 \\ 663 &:= 1^7 + 5^4 + 17^1 + 19^1 + 23^0 = 17 + 54 + 171 + 191 + 230 \\ 663 &:= 1^7 + 5^4 + 18^1 + 18^1 + 23^0 = 17 + 54 + 181 + 181 + 230 \\ 663 &:= 1^7 + 5^4 + 9^1 + 23^0 + 27^1 = 17 + 54 + 91 + 230 + 271 \\ 663 &:= 1^7 + 6^2 + 15^2 + 20^2 + 23^0 = 17 + 62 + 152 + 202 + 230 \\ 663 &:= 1^7 + 6^2 + 7^2 + 24^2 + 27^0 = 17 + 62 + 72 + 242 + 270 \\ 663 &:= 1^7 + 9^2 + 16^2 + 18^2 + 21^0 = 17 + 92 + 162 + 182 + 210 \\ 663 &:= 1^8 + 11^1 + 11^2 + 19^0 + 23^2 = 18 + 111 + 112 + 190 + 232 \\ 663 &:= 1^8 + 11^1 + 17^0 + 17^2 + 19^2 = 18 + 111 + 170 + 172 + 192 \\ 663 &:= 1^8 + 13^1 + 15^0 + 18^2 + 18^2 = 18 + 131 + 150 + 182 + 182 \\ 663 &:= 1^8 + 3^2 + 9^0 + 25^2 + 27^1 = 18 + 32 + 90 + 252 + 271 \\ 663 &:= 1^8 + 4^1 + 9^2 + 24^2 + 27^0 = 18 + 41 + 92 + 242 + 270 \\ 663 &:= 1^8 + 4^2 + 15^0 + 20^1 + 25^2 = 18 + 42 + 150 + 201 + 252 \\ 663 &:= 1^8 + 5^0 + 14^2 + 21^2 + 24^1 = 18 + 50 + 142 + 212 + 241 \\ 663 &:= 1^8 + 5^1 + 16^2 + 20^2 + 23^0 = 18 + 51 + 162 + 202 + 230 \\ 663 &:= 1^8 + 5^2 + 11^1 + 23^0 + 25^2 = 18 + 52 + 111 + 230 + 252 \\ 663 &:= 1^8 + 8^1 + 13^2 + 21^0 + 22^2 = 18 + 81 + 132 + 210 + 222 \\ 663 &:= 1^8 + 8^2 + 11^0 + 21^1 + 24^2 = 18 + 82 + 110 + 211 + 242 \\ 663 &:= 1^9 + 3^0 + 10^1 + 25^2 + 26^1 = 19 + 30 + 101 + 252 + 261 \\ 663 &:= 1^9 + 3^0 + 11^1 + 25^1 + 25^2 = 19 + 30 + 111 + 251 + 252 \\ 663 &:= 1^9 + 3^0 + 12^1 + 24^1 + 25^2 = 19 + 30 + 121 + 241 + 252 \\ 663 &:= 1^9 + 3^0 + 13^1 + 23^1 + 25^2 = 19 + 30 + 131 + 231 + 252 \\ 663 &:= 1^9 + 3^0 + 14^1 + 22^1 + 25^2 = 19 + 30 + 141 + 221 + 252 \\ 663 &:= 1^9 + 3^0 + 15^1 + 21^1 + 25^2 = 19 + 30 + 151 + 211 + 252 \\ 663 &:= 1^9 + 3^0 + 16^1 + 20^1 + 25^2 = 19 + 30 + 161 + 201 + 252 \\ 663 &:= 1^9 + 3^0 + 17^1 + 19^1 + 25^2 = 19 + 30 + 171 + 191 + 252 \end{aligned}$$

$$\begin{aligned} 663 &:= 1^9 + 3^0 + 18^1 + 18^1 + 25^2 = 19 + 30 + 181 + 181 + 252 \\ 663 &:= 1^9 + 3^0 + 9^1 + 25^2 + 27^1 = 19 + 30 + 91 + 252 + 271 \\ 663 &:= 2^1 + 2^9 + 11^2 + 23^0 + 27^1 = 21 + 29 + 112 + 230 + 271 \\ 663 &:= 2^3 + 2^5 + 14^2 + 20^2 + 27^1 = 23 + 25 + 142 + 202 + 271 \\ 663 &:= 2^5 + 2^5 + 15^0 + 22^1 + 24^2 = 25 + 25 + 150 + 221 + 242 \\ 663 &:= 2^5 + 3^3 + 17^2 + 17^2 + 26^1 = 25 + 33 + 172 + 172 + 261 \\ 663 &:= 2^5 + 3^4 + 15^2 + 18^2 + 27^0 = 25 + 34 + 152 + 182 + 270 \\ 663 &:= 2^5 + 3^5 + 15^0 + 19^2 + 26^1 = 25 + 35 + 150 + 192 + 261 \\ 663 &:= 2^6 + 12^2 + 12^2 + 17^2 + 22^1 = 26 + 122 + 122 + 172 + 221 \\ 663 &:= 2^6 + 4^2 + 14^2 + 19^2 + 26^1 = 26 + 42 + 142 + 192 + 261 \\ 663 &:= 2^6 + 4^4 + 18^1 + 18^2 + 23^0 = 26 + 44 + 181 + 182 + 230 \\ 663 &:= 2^6 + 5^2 + 15^2 + 18^2 + 25^1 = 26 + 52 + 152 + 182 + 251 \\ 663 &:= 2^6 + 8^2 + 16^2 + 16^2 + 23^1 = 26 + 82 + 162 + 162 + 231 \\ 663 &:= 2^7 + 13^2 + 13^2 + 14^2 + 23^0 = 27 + 132 + 132 + 142 + 230 \\ 663 &:= 2^7 + 3^3 + 15^0 + 22^2 + 23^1 = 27 + 33 + 150 + 222 + 231 \\ 663 &:= 2^7 + 7^2 + 14^2 + 17^2 + 25^0 = 27 + 72 + 142 + 172 + 250 \\ 663 &:= 2^7 + 7^3 + 13^2 + 21^0 + 22^1 = 27 + 73 + 132 + 210 + 221 \\ 663 &:= 2^8 + 10^2 + 17^1 + 17^2 + 19^0 = 28 + 102 + 171 + 172 + 190 \\ 663 &:= 2^8 + 12^1 + 13^2 + 15^2 + 23^0 = 28 + 121 + 132 + 152 + 230 \\ 663 &:= 2^8 + 14^1 + 14^2 + 14^2 + 21^0 = 28 + 141 + 142 + 142 + 210 \\ 663 &:= 2^8 + 5^2 + 19^0 + 19^2 + 20^1 = 28 + 52 + 190 + 192 + 201 \\ 663 &:= 2^8 + 8^2 + 18^1 + 18^2 + 19^0 = 28 + 82 + 181 + 182 + 190 \\ 663 &:= 2^9 + 10^1 + 11^2 + 19^1 + 23^0 = 29 + 101 + 112 + 191 + 230 \\ 663 &:= 2^9 + 11^1 + 11^2 + 18^1 + 23^0 = 29 + 111 + 112 + 181 + 230 \\ 663 &:= 2^9 + 11^2 + 12^1 + 17^1 + 23^0 = 29 + 112 + 121 + 171 + 230 \\ 663 &:= 2^9 + 11^2 + 13^1 + 16^1 + 23^0 = 29 + 112 + 131 + 161 + 230 \\ 663 &:= 2^9 + 11^2 + 14^1 + 15^1 + 23^0 = 29 + 112 + 141 + 151 + 230 \\ 663 &:= 2^9 + 3^0 + 10^2 + 23^1 + 27^1 = 29 + 30 + 102 + 231 + 271 \\ 663 &:= 2^9 + 3^0 + 10^2 + 24^1 + 26^1 = 29 + 30 + 102 + 241 + 261 \\ 663 &:= 2^9 + 3^0 + 10^2 + 25^1 + 25^1 = 29 + 30 + 102 + 251 + 251 \\ 663 &:= 2^9 + 3^1 + 11^2 + 23^0 + 26^1 = 29 + 31 + 112 + 230 + 261 \\ 663 &:= 2^9 + 4^1 + 11^2 + 23^0 + 25^1 = 29 + 41 + 112 + 230 + 251 \\ 663 &:= 2^9 + 5^1 + 11^2 + 23^0 + 24^1 = 29 + 51 + 112 + 230 + 241 \\ 663 &:= 2^9 + 5^3 + 10^0 + 24^0 + 24^1 = 29 + 53 + 100 + 240 + 241 \\ 663 &:= 2^9 + 5^3 + 11^0 + 23^0 + 24^1 = 29 + 53 + 110 + 230 + 241 \\ 663 &:= 2^9 + 5^3 + 12^0 + 22^0 + 24^1 = 29 + 53 + 120 + 220 + 241 \\ 663 &:= 2^9 + 5^3 + 13^0 + 21^0 + 24^1 = 29 + 53 + 130 + 210 + 241 \\ 663 &:= 2^9 + 5^3 + 14^0 + 20^0 + 24^1 = 29 + 53 + 140 + 200 + 241 \end{aligned}$$

$$\begin{aligned}
 663 &:= 2^9 + 5^3 + 15^0 + 19^0 + 24^1 = 29 + 53 + 150 + 190 + 241 \\
 663 &:= 2^9 + 5^3 + 16^0 + 18^0 + 24^1 = 29 + 53 + 160 + 180 + 241 \\
 663 &:= 2^9 + 5^3 + 17^0 + 17^0 + 24^1 = 29 + 53 + 170 + 170 + 241 \\
 663 &:= 2^9 + 5^3 + 7^0 + 24^1 + 27^0 = 29 + 53 + 70 + 241 + 270 \\
 663 &:= 2^9 + 5^3 + 8^0 + 24^1 + 26^0 = 29 + 53 + 80 + 241 + 260 \\
 663 &:= 2^9 + 5^3 + 9^0 + 24^1 + 25^0 = 29 + 53 + 90 + 241 + 250 \\
 663 &:= 2^9 + 6^1 + 11^2 + 23^0 + 23^1 = 29 + 61 + 112 + 230 + 231 \\
 663 &:= 2^9 + 7^1 + 11^2 + 22^1 + 23^0 = 29 + 71 + 112 + 221 + 230
 \end{aligned}$$

$$\begin{aligned}
 663 &:= 2^9 + 7^2 + 10^2 + 19^0 + 27^0 = 29 + 72 + 102 + 190 + 270 \\
 663 &:= 2^9 + 7^2 + 10^2 + 20^0 + 26^0 = 29 + 72 + 102 + 200 + 260 \\
 663 &:= 2^9 + 7^2 + 10^2 + 21^0 + 25^0 = 29 + 72 + 102 + 210 + 250 \\
 663 &:= 2^9 + 7^2 + 10^2 + 22^0 + 24^0 = 29 + 72 + 102 + 220 + 240 \\
 663 &:= 2^9 + 7^2 + 10^2 + 23^0 + 23^0 = 29 + 72 + 102 + 230 + 230 \\
 663 &:= 2^9 + 8^1 + 11^2 + 21^1 + 23^0 = 29 + 81 + 112 + 211 + 230 \\
 663 &:= 2^9 + 9^1 + 11^2 + 20^1 + 23^0 = 29 + 91 + 112 + 201 + 230
 \end{aligned}$$

2.2.565 Number 664

$$\begin{aligned}
 664 &:= 1^1 + 3^0 + 25^2 + 37^1 = 11 + 30 + 252 + 371 \\
 664 &:= 1^9 + 5^4 + 22^0 + 37^1 = 19 + 54 + 220 + 371 \\
 664 &:= 2^1 + 3^0 + 25^2 + 36^1 = 21 + 30 + 252 + 361 \\
 664 &:= 2^8 + 4^3 + 7^3 + 52^0 = 28 + 43 + 73 + 520 \\
 664 &:= 3^0 + 10^1 + 25^2 + 28^1 = 30 + 101 + 252 + 281 \\
 664 &:= 3^0 + 11^1 + 25^2 + 27^1 = 30 + 111 + 252 + 271 \\
 664 &:= 3^0 + 12^1 + 25^2 + 26^1 = 30 + 121 + 252 + 261 \\
 664 &:= 3^0 + 13^1 + 25^1 + 25^2 = 30 + 131 + 251 + 252 \\
 664 &:= 3^0 + 14^1 + 24^1 + 25^2 = 30 + 141 + 241 + 252 \\
 664 &:= 3^0 + 15^1 + 23^1 + 25^2 = 30 + 151 + 231 + 252 \\
 664 &:= 3^0 + 16^1 + 22^1 + 25^2 = 30 + 161 + 221 + 252 \\
 664 &:= 3^0 + 17^1 + 21^1 + 25^2 = 30 + 171 + 211 + 252 \\
 664 &:= 3^0 + 18^1 + 20^1 + 25^2 = 30 + 181 + 201 + 252 \\
 664 &:= 3^0 + 19^1 + 19^1 + 25^2 = 30 + 191 + 191 + 252 \\
 664 &:= 3^0 + 3^1 + 25^2 + 35^1 = 30 + 31 + 252 + 351 \\
 664 &:= 3^0 + 4^1 + 25^2 + 34^1 = 30 + 41 + 252 + 341 \\
 664 &:= 3^0 + 5^1 + 25^2 + 33^1 = 30 + 51 + 252 + 331 \\
 664 &:= 3^0 + 6^1 + 25^2 + 32^1 = 30 + 61 + 252 + 321 \\
 664 &:= 3^0 + 7^1 + 25^2 + 31^1 = 30 + 71 + 252 + 311 \\
 664 &:= 3^0 + 8^1 + 25^2 + 30^1 = 30 + 81 + 252 + 301 \\
 664 &:= 3^0 + 9^1 + 25^2 + 29^1 = 30 + 91 + 252 + 291 \\
 664 &:= 1^0 + 3^0 + 10^1 + 25^2 + 27^1 = 10 + 30 + 101 + 252 + 271 \\
 664 &:= 1^0 + 3^0 + 11^1 + 25^2 + 26^1 = 10 + 30 + 111 + 252 + 261 \\
 664 &:= 1^0 + 3^0 + 12^1 + 25^1 + 25^2 = 10 + 30 + 121 + 251 + 252 \\
 664 &:= 1^0 + 3^0 + 13^1 + 24^1 + 25^2 = 10 + 30 + 131 + 241 + 252 \\
 664 &:= 1^0 + 3^0 + 14^1 + 23^1 + 25^2 = 10 + 30 + 141 + 231 + 252 \\
 664 &:= 1^0 + 3^0 + 15^1 + 22^1 + 25^2 = 10 + 30 + 151 + 221 + 252
 \end{aligned}$$

$$\begin{aligned}
 664 &:= 1^0 + 3^0 + 16^1 + 21^1 + 25^2 = 10 + 30 + 161 + 211 + 252 \\
 664 &:= 1^0 + 3^0 + 17^1 + 20^1 + 25^2 = 10 + 30 + 171 + 201 + 252 \\
 664 &:= 1^0 + 3^0 + 18^1 + 19^1 + 25^2 = 10 + 30 + 181 + 191 + 252 \\
 664 &:= 1^0 + 6^2 + 10^0 + 24^0 + 25^2 = 10 + 62 + 100 + 240 + 252 \\
 664 &:= 1^0 + 6^2 + 11^0 + 23^0 + 25^2 = 10 + 62 + 110 + 230 + 252 \\
 664 &:= 1^0 + 6^2 + 12^0 + 22^0 + 25^2 = 10 + 62 + 120 + 220 + 252 \\
 664 &:= 1^0 + 6^2 + 13^0 + 21^0 + 25^2 = 10 + 62 + 130 + 210 + 252 \\
 664 &:= 1^0 + 6^2 + 14^0 + 20^0 + 25^2 = 10 + 62 + 140 + 200 + 252 \\
 664 &:= 1^0 + 6^2 + 15^0 + 19^0 + 25^2 = 10 + 62 + 150 + 190 + 252 \\
 664 &:= 1^0 + 6^2 + 16^0 + 18^0 + 25^2 = 10 + 62 + 160 + 180 + 252 \\
 664 &:= 1^0 + 6^2 + 17^0 + 17^0 + 25^2 = 10 + 62 + 170 + 170 + 252 \\
 664 &:= 1^0 + 6^2 + 7^0 + 25^2 + 27^0 = 10 + 62 + 70 + 252 + 270 \\
 664 &:= 1^0 + 6^2 + 8^0 + 25^2 + 26^0 = 10 + 62 + 80 + 252 + 260 \\
 664 &:= 1^0 + 6^2 + 9^0 + 25^0 + 25^2 = 10 + 62 + 90 + 250 + 252 \\
 664 &:= 1^5 + 2^6 + 16^0 + 22^1 + 24^2 = 15 + 26 + 160 + 221 + 242 \\
 664 &:= 1^6 + 3^5 + 19^1 + 20^2 + 22^0 = 16 + 35 + 191 + 202 + 220 \\
 664 &:= 1^7 + 2^4 + 16^0 + 21^1 + 25^2 = 17 + 24 + 160 + 211 + 252 \\
 664 &:= 1^7 + 5^3 + 8^3 + 25^1 + 26^0 = 17 + 53 + 83 + 251 + 260 \\
 664 &:= 1^8 + 10^2 + 11^2 + 21^2 + 22^0 = 18 + 102 + 112 + 212 + 220 \\
 664 &:= 1^8 + 13^2 + 13^2 + 18^2 + 20^0 = 18 + 132 + 132 + 182 + 200 \\
 664 &:= 1^8 + 3^2 + 13^2 + 22^2 + 26^0 = 18 + 32 + 132 + 222 + 260 \\
 664 &:= 1^8 + 3^3 + 10^1 + 25^2 + 26^0 = 18 + 33 + 101 + 252 + 260 \\
 664 &:= 1^8 + 4^3 + 14^0 + 22^1 + 24^2 = 18 + 43 + 140 + 221 + 242 \\
 664 &:= 1^8 + 5^2 + 14^2 + 21^2 + 24^0 = 18 + 52 + 142 + 212 + 240 \\
 664 &:= 1^8 + 5^4 + 10^1 + 22^0 + 27^1 = 18 + 54 + 101 + 220 + 271 \\
 664 &:= 1^8 + 5^4 + 11^1 + 22^0 + 26^1 = 18 + 54 + 111 + 220 + 261 \\
 664 &:= 1^8 + 5^4 + 12^1 + 22^0 + 25^1 = 18 + 54 + 121 + 220 + 251
 \end{aligned}$$

$$\begin{aligned} 664 &:= 1^8 + 5^4 + 13^1 + 22^0 + 24^1 = 18 + 54 + 131 + 220 + 241 & 664 &:= 2^2 + 2^9 + 11^2 + 24^0 + 26^1 = 22 + 29 + 112 + 240 + 261 \\ 664 &:= 1^8 + 5^4 + 14^1 + 22^0 + 23^1 = 18 + 54 + 141 + 220 + 231 & 664 &:= 2^7 + 3^4 + 13^1 + 21^2 + 26^0 = 27 + 34 + 131 + 212 + 260 \\ 664 &:= 1^8 + 5^4 + 15^1 + 22^0 + 22^1 = 18 + 54 + 151 + 220 + 221 & 664 &:= 2^7 + 4^4 + 16^2 + 20^0 + 23^1 = 27 + 44 + 162 + 200 + 231 \\ 664 &:= 1^8 + 5^4 + 16^1 + 21^1 + 22^0 = 18 + 54 + 161 + 211 + 220 & 664 &:= 2^8 + 3^3 + 19^1 + 19^2 + 22^0 = 28 + 33 + 191 + 192 + 220 \\ 664 &:= 1^8 + 5^4 + 17^1 + 20^1 + 22^0 = 18 + 54 + 171 + 201 + 220 & 664 &:= 2^8 + 4^3 + 18^2 + 19^1 + 22^0 = 28 + 43 + 182 + 191 + 220 \\ 664 &:= 1^8 + 5^4 + 18^1 + 19^1 + 22^0 = 18 + 54 + 181 + 191 + 220 & 664 &:= 2^8 + 5^3 + 16^0 + 16^2 + 26^1 = 28 + 53 + 160 + 162 + 261 \\ 664 &:= 1^8 + 5^4 + 6^2 + 26^0 + 27^0 = 18 + 54 + 62 + 260 + 270 & 664 &:= 2^8 + 6^3 + 13^2 + 22^0 + 22^1 = 28 + 63 + 132 + 220 + 221 \\ 664 &:= 1^8 + 7^2 + 17^2 + 18^2 + 22^0 = 18 + 72 + 172 + 182 + 220 & 664 &:= 2^9 + 5^2 + 10^2 + 22^0 + 26^1 = 29 + 52 + 102 + 220 + 261 \\ 664 &:= 1^9 + 11^2 + 12^1 + 18^0 + 23^2 = 19 + 112 + 121 + 180 + 232 & 664 &:= 2^9 + 5^2 + 5^3 + 26^0 + 27^0 = 29 + 52 + 53 + 260 + 270 \\ 664 &:= 1^9 + 12^1 + 16^0 + 17^2 + 19^2 = 19 + 121 + 160 + 172 + 192 & 664 &:= 2^9 + 7^2 + 9^2 + 21^1 + 26^0 = 29 + 72 + 92 + 211 + 260 \\ 664 &:= 1^9 + 14^0 + 14^1 + 18^2 + 18^2 = 19 + 140 + 141 + 182 + 182 & 664 &:= 2^9 + 8^2 + 8^2 + 23^1 + 24^0 = 29 + 82 + 82 + 231 + 240 \\ 664 &:= 1^9 + 4^0 + 14^2 + 21^2 + 25^1 = 19 + 40 + 142 + 212 + 251 & 664 &:= 3^0 + 5^0 + 6^2 + 25^2 + 27^0 = 30 + 50 + 62 + 252 + 270 \\ 664 &:= 1^9 + 4^2 + 14^0 + 21^1 + 25^2 = 19 + 42 + 140 + 211 + 252 & 664 &:= 3^0 + 6^0 + 6^2 + 25^2 + 26^0 = 30 + 60 + 62 + 252 + 260 \\ 664 &:= 1^9 + 5^1 + 9^2 + 24^2 + 26^0 = 19 + 51 + 92 + 242 + 260 & 664 &:= 3^0 + 6^2 + 10^0 + 22^0 + 25^2 = 30 + 62 + 100 + 220 + 252 \\ 664 &:= 1^9 + 5^2 + 12^1 + 22^0 + 25^2 = 19 + 52 + 121 + 220 + 252 & 664 &:= 3^0 + 6^2 + 11^0 + 21^0 + 25^2 = 30 + 62 + 110 + 210 + 252 \\ 664 &:= 1^9 + 6^1 + 16^2 + 20^2 + 22^0 = 19 + 61 + 162 + 202 + 220 & 664 &:= 3^0 + 6^2 + 12^0 + 20^0 + 25^2 = 30 + 62 + 120 + 200 + 252 \\ 664 &:= 1^9 + 8^2 + 10^0 + 22^1 + 24^2 = 19 + 82 + 100 + 221 + 242 & 664 &:= 3^0 + 6^2 + 13^0 + 19^0 + 25^2 = 30 + 62 + 130 + 190 + 252 \\ 664 &:= 1^9 + 9^1 + 13^2 + 20^0 + 22^2 = 19 + 91 + 132 + 200 + 222 & 664 &:= 3^0 + 6^2 + 14^0 + 18^0 + 25^2 = 30 + 62 + 140 + 180 + 252 \\ 664 &:= 2^0 + 2^0 + 10^1 + 25^2 + 27^1 = 20 + 20 + 101 + 252 + 271 & 664 &:= 3^0 + 6^2 + 15^0 + 17^0 + 25^2 = 30 + 62 + 150 + 170 + 252 \\ 664 &:= 2^0 + 2^0 + 11^1 + 25^2 + 26^1 = 20 + 20 + 111 + 252 + 261 & 664 &:= 3^0 + 6^2 + 16^0 + 16^0 + 25^2 = 30 + 62 + 160 + 160 + 252 \\ 664 &:= 2^0 + 2^0 + 12^1 + 25^1 + 25^2 = 20 + 20 + 121 + 251 + 252 & 664 &:= 3^0 + 6^2 + 7^0 + 25^0 + 25^2 = 30 + 62 + 70 + 250 + 252 \\ 664 &:= 2^0 + 2^0 + 13^1 + 24^1 + 25^2 = 20 + 20 + 131 + 241 + 252 & 664 &:= 3^0 + 6^2 + 8^0 + 24^0 + 25^2 = 30 + 62 + 80 + 240 + 252 \\ 664 &:= 2^0 + 2^0 + 14^1 + 23^1 + 25^2 = 20 + 20 + 141 + 231 + 252 & 664 &:= 3^0 + 6^2 + 9^0 + 23^0 + 25^2 = 30 + 62 + 90 + 230 + 252 \\ 664 &:= 2^0 + 2^0 + 15^1 + 22^1 + 25^2 = 20 + 20 + 151 + 221 + 252 & 664 &:= 4^0 + 4^0 + 6^2 + 25^2 + 27^0 = 40 + 40 + 62 + 252 + 270 \\ 664 &:= 2^0 + 2^0 + 16^1 + 21^1 + 25^2 = 20 + 20 + 161 + 211 + 252 & 664 &:= 4^0 + 5^0 + 6^2 + 25^2 + 26^0 = 40 + 50 + 62 + 252 + 260 \\ 664 &:= 2^0 + 2^0 + 17^1 + 20^1 + 25^2 = 20 + 20 + 171 + 201 + 252 & 664 &:= 4^0 + 6^0 + 6^2 + 25^0 + 25^2 = 40 + 60 + 62 + 250 + 252 \\ 664 &:= 2^0 + 2^0 + 18^1 + 19^1 + 25^2 = 20 + 20 + 181 + 191 + 252 & 664 &:= 4^0 + 6^2 + 10^0 + 21^0 + 25^2 = 40 + 62 + 100 + 210 + 252 \\ 664 &:= 2^0 + 6^0 + 6^2 + 25^2 + 27^0 = 20 + 60 + 62 + 252 + 270 & 664 &:= 4^0 + 6^2 + 11^0 + 20^0 + 25^2 = 40 + 62 + 110 + 200 + 252 \\ 664 &:= 2^0 + 6^2 + 10^0 + 23^0 + 25^2 = 20 + 62 + 100 + 230 + 252 & 664 &:= 4^0 + 6^2 + 12^0 + 19^0 + 25^2 = 40 + 62 + 120 + 190 + 252 \\ 664 &:= 2^0 + 6^2 + 11^0 + 22^0 + 25^2 = 20 + 62 + 110 + 220 + 252 & 664 &:= 4^0 + 6^2 + 13^0 + 18^0 + 25^2 = 40 + 62 + 130 + 180 + 252 \\ 664 &:= 2^0 + 6^2 + 12^0 + 21^0 + 25^2 = 20 + 62 + 120 + 210 + 252 & 664 &:= 4^0 + 6^2 + 14^0 + 17^0 + 25^2 = 40 + 62 + 140 + 170 + 252 \\ 664 &:= 2^0 + 6^2 + 13^0 + 20^0 + 25^2 = 20 + 62 + 130 + 200 + 252 & 664 &:= 4^0 + 6^2 + 15^0 + 16^0 + 25^2 = 40 + 62 + 150 + 160 + 252 \\ 664 &:= 2^0 + 6^2 + 14^0 + 19^0 + 25^2 = 20 + 62 + 140 + 190 + 252 & 664 &:= 4^0 + 6^2 + 7^0 + 24^0 + 25^2 = 40 + 62 + 70 + 240 + 252 \\ 664 &:= 2^0 + 6^2 + 15^0 + 18^0 + 25^2 = 20 + 62 + 150 + 180 + 252 & 664 &:= 4^0 + 6^2 + 8^0 + 23^0 + 25^2 = 40 + 62 + 80 + 230 + 252 \\ 664 &:= 2^0 + 6^2 + 16^0 + 17^0 + 25^2 = 20 + 62 + 160 + 170 + 252 & 664 &:= 4^0 + 6^2 + 9^0 + 22^0 + 25^2 = 40 + 62 + 90 + 220 + 252 \\ 664 &:= 2^0 + 6^2 + 7^0 + 25^2 + 26^0 = 20 + 62 + 70 + 252 + 260 & 664 &:= 5^0 + 5^0 + 6^2 + 25^0 + 25^2 = 50 + 50 + 62 + 250 + 252 \\ 664 &:= 2^0 + 6^2 + 8^0 + 25^0 + 25^2 = 20 + 62 + 80 + 250 + 252 & 664 &:= 5^0 + 6^0 + 6^2 + 24^0 + 25^2 = 50 + 60 + 62 + 240 + 252 \\ 664 &:= 2^0 + 6^2 + 9^0 + 24^0 + 25^2 = 20 + 62 + 90 + 240 + 252 & 664 &:= 5^0 + 6^2 + 10^0 + 20^0 + 25^2 = 50 + 62 + 100 + 200 + 252 \end{aligned}$$

$$\begin{aligned}
 664 &:= 5^0 + 6^2 + 11^0 + 19^0 + 25^2 = 50 + 62 + 110 + 190 + 252 \\
 664 &:= 5^0 + 6^2 + 12^0 + 18^0 + 25^2 = 50 + 62 + 120 + 180 + 252 \\
 664 &:= 5^0 + 6^2 + 13^0 + 17^0 + 25^2 = 50 + 62 + 130 + 170 + 252 \\
 664 &:= 5^0 + 6^2 + 14^0 + 16^0 + 25^2 = 50 + 62 + 140 + 160 + 252 \\
 664 &:= 5^0 + 6^2 + 15^0 + 15^0 + 25^2 = 50 + 62 + 150 + 150 + 252 \\
 664 &:= 5^0 + 6^2 + 7^0 + 23^0 + 25^2 = 50 + 62 + 70 + 230 + 252 \\
 664 &:= 5^0 + 6^2 + 8^0 + 22^0 + 25^2 = 50 + 62 + 80 + 220 + 252 \\
 664 &:= 5^0 + 6^2 + 9^0 + 21^0 + 25^2 = 50 + 62 + 90 + 210 + 252 \\
 664 &:= 6^0 + 6^0 + 6^2 + 23^0 + 25^2 = 60 + 60 + 62 + 230 + 252 \\
 664 &:= 6^0 + 6^2 + 10^0 + 19^0 + 25^2 = 60 + 62 + 100 + 190 + 252 \\
 664 &:= 6^0 + 6^2 + 11^0 + 18^0 + 25^2 = 60 + 62 + 110 + 180 + 252 \\
 664 &:= 6^0 + 6^2 + 12^0 + 17^0 + 25^2 = 60 + 62 + 120 + 170 + 252 \\
 664 &:= 6^0 + 6^2 + 13^0 + 16^0 + 25^2 = 60 + 62 + 130 + 160 + 252 \\
 664 &:= 6^0 + 6^2 + 14^0 + 15^0 + 25^2 = 60 + 62 + 140 + 150 + 252 \\
 664 &:= 6^0 + 6^2 + 7^0 + 22^0 + 25^2 = 60 + 62 + 70 + 220 + 252 \\
 664 &:= 6^0 + 6^2 + 8^0 + 21^0 + 25^2 = 60 + 62 + 80 + 210 + 252 \\
 664 &:= 6^0 + 6^2 + 9^0 + 20^0 + 25^2 = 60 + 62 + 90 + 200 + 252 \\
 664 &:= 6^2 + 10^0 + 10^0 + 15^0 + 25^2 = 62 + 100 + 100 + 150 + 252 \\
 664 &:= 6^2 + 10^0 + 11^0 + 14^0 + 25^2 = 62 + 100 + 110 + 140 + 252 \\
 664 &:= 6^2 + 10^0 + 12^0 + 13^0 + 25^2 = 62 + 100 + 120 + 130 + 252 \\
 664 &:= 6^2 + 11^0 + 11^0 + 13^0 + 25^2 = 62 + 110 + 110 + 130 + 252
 \end{aligned}$$

$$\begin{aligned}
 664 &:= 6^2 + 11^0 + 12^0 + 12^0 + 25^2 = 62 + 110 + 120 + 120 + 252 \\
 664 &:= 6^2 + 7^0 + 10^0 + 18^0 + 25^2 = 62 + 70 + 100 + 180 + 252 \\
 664 &:= 6^2 + 7^0 + 11^0 + 17^0 + 25^2 = 62 + 70 + 110 + 170 + 252 \\
 664 &:= 6^2 + 7^0 + 12^0 + 16^0 + 25^2 = 62 + 70 + 120 + 160 + 252 \\
 664 &:= 6^2 + 7^0 + 13^0 + 15^0 + 25^2 = 62 + 70 + 130 + 150 + 252 \\
 664 &:= 6^2 + 7^0 + 14^0 + 14^0 + 25^2 = 62 + 70 + 140 + 140 + 252 \\
 664 &:= 6^2 + 7^0 + 7^0 + 21^0 + 25^2 = 62 + 70 + 70 + 210 + 252 \\
 664 &:= 6^2 + 7^0 + 8^0 + 20^0 + 25^2 = 62 + 70 + 80 + 200 + 252 \\
 664 &:= 6^2 + 7^0 + 9^0 + 19^0 + 25^2 = 62 + 70 + 90 + 190 + 252 \\
 664 &:= 6^2 + 8^0 + 10^0 + 17^0 + 25^2 = 62 + 80 + 100 + 170 + 252 \\
 664 &:= 6^2 + 8^0 + 11^0 + 16^0 + 25^2 = 62 + 80 + 110 + 160 + 252 \\
 664 &:= 6^2 + 8^0 + 12^0 + 15^0 + 25^2 = 62 + 80 + 120 + 150 + 252 \\
 664 &:= 6^2 + 8^0 + 13^0 + 14^0 + 25^2 = 62 + 80 + 130 + 140 + 252 \\
 664 &:= 6^2 + 8^0 + 8^0 + 19^0 + 25^2 = 62 + 80 + 80 + 190 + 252 \\
 664 &:= 6^2 + 8^0 + 9^0 + 18^0 + 25^2 = 62 + 80 + 90 + 180 + 252 \\
 664 &:= 6^2 + 9^0 + 10^0 + 16^0 + 25^2 = 62 + 90 + 100 + 160 + 252 \\
 664 &:= 6^2 + 9^0 + 11^0 + 15^0 + 25^2 = 62 + 90 + 110 + 150 + 252 \\
 664 &:= 6^2 + 9^0 + 12^0 + 14^0 + 25^2 = 62 + 90 + 120 + 140 + 252 \\
 664 &:= 6^2 + 9^0 + 13^0 + 13^0 + 25^2 = 62 + 90 + 130 + 130 + 252 \\
 664 &:= 6^2 + 9^0 + 9^0 + 17^0 + 25^2 = 62 + 90 + 90 + 170 + 252
 \end{aligned}$$

2.2.566 Number 665

$$\begin{aligned}
 665 &:= 5^4 + 22^0 + 39^1 = 54 + 220 + 391 \\
 665 &:= 1^0 + 5^4 + 22^0 + 38^1 = 10 + 54 + 220 + 381 \\
 665 &:= 1^2 + 2^0 + 25^2 + 38^1 = 12 + 20 + 252 + 381 \\
 665 &:= 1^3 + 1^9 + 25^2 + 38^1 = 13 + 19 + 252 + 381 \\
 665 &:= 1^3 + 2^9 + 10^2 + 52^1 = 13 + 29 + 102 + 521 \\
 665 &:= 1^4 + 1^8 + 25^2 + 38^1 = 14 + 18 + 252 + 381 \\
 665 &:= 1^5 + 1^7 + 25^2 + 38^1 = 15 + 17 + 252 + 381 \\
 665 &:= 1^6 + 1^6 + 25^2 + 38^1 = 16 + 16 + 252 + 381 \\
 665 &:= 11^1 + 13^2 + 20^0 + 22^2 = 111 + 132 + 200 + 222 \\
 665 &:= 11^2 + 14^1 + 18^0 + 23^2 = 112 + 141 + 180 + 232 \\
 665 &:= 14^0 + 16^1 + 18^2 + 18^2 = 140 + 161 + 182 + 182 \\
 665 &:= 14^1 + 16^0 + 17^2 + 19^2 = 141 + 160 + 172 + 192 \\
 665 &:= 2^0 + 5^4 + 21^0 + 38^1 = 20 + 54 + 210 + 381 \\
 665 &:= 2^2 + 4^0 + 25^2 + 35^1 = 22 + 40 + 252 + 351
 \end{aligned}$$

$$\begin{aligned}
 665 &:= 2^9 + 3^3 + 5^3 + 55^0 = 29 + 33 + 53 + 550 \\
 665 &:= 2^9 + 4^3 + 6^2 + 53^1 = 29 + 43 + 62 + 531 \\
 665 &:= 3^0 + 5^4 + 20^0 + 38^1 = 30 + 54 + 200 + 381 \\
 665 &:= 3^1 + 6^2 + 25^2 + 32^0 = 31 + 62 + 252 + 320 \\
 665 &:= 3^2 + 8^0 + 25^2 + 30^1 = 32 + 80 + 252 + 301 \\
 665 &:= 4^0 + 14^2 + 21^2 + 27^1 = 40 + 142 + 212 + 271 \\
 665 &:= 4^0 + 5^4 + 19^0 + 38^1 = 40 + 54 + 190 + 381 \\
 665 &:= 4^2 + 14^0 + 23^1 + 25^2 = 42 + 140 + 231 + 252 \\
 665 &:= 5^0 + 5^4 + 18^0 + 38^1 = 50 + 54 + 180 + 381 \\
 665 &:= 5^2 + 14^1 + 22^0 + 25^2 = 52 + 141 + 220 + 252 \\
 665 &:= 5^4 + 10^0 + 13^0 + 38^1 = 54 + 100 + 130 + 381 \\
 665 &:= 5^4 + 11^0 + 12^0 + 38^1 = 54 + 110 + 120 + 381 \\
 665 &:= 5^4 + 6^0 + 17^0 + 38^1 = 54 + 60 + 170 + 381 \\
 665 &:= 5^4 + 7^0 + 16^0 + 38^1 = 54 + 70 + 160 + 381
 \end{aligned}$$

$665 := 5^4 + 8^0 + 15^0 + 38^1$	$= 54 + 80 + 150 + 381$	$665 := 1^3 + 1^8 + 14^1 + 24^1 + 25^2$	$= 13 + 18 + 141 + 241 + 252$
$665 := 5^4 + 9^0 + 14^0 + 38^1$	$= 54 + 90 + 140 + 381$	$665 := 1^3 + 1^8 + 15^1 + 23^1 + 25^2$	$= 13 + 18 + 151 + 231 + 252$
$665 := 7^1 + 9^2 + 24^2 + 26^0$	$= 71 + 92 + 242 + 260$	$665 := 1^3 + 1^8 + 16^1 + 22^1 + 25^2$	$= 13 + 18 + 161 + 221 + 252$
$665 := 8^1 + 16^2 + 20^2 + 22^0$	$= 81 + 162 + 202 + 220$	$665 := 1^3 + 1^8 + 17^1 + 21^1 + 25^2$	$= 13 + 18 + 171 + 211 + 252$
$665 := 8^2 + 10^0 + 24^1 + 24^2$	$= 82 + 100 + 241 + 242$	$665 := 1^3 + 1^8 + 18^1 + 20^1 + 25^2$	$= 13 + 18 + 181 + 201 + 252$
$665 := 1^0 + 10^1 + 13^2 + 20^0 + 22^2$	$= 10 + 101 + 132 + 200 + 222$	$665 := 1^3 + 1^8 + 19^1 + 19^1 + 25^2$	$= 13 + 18 + 191 + 191 + 252$
$665 := 1^0 + 11^2 + 13^1 + 18^0 + 23^2$	$= 10 + 112 + 131 + 180 + 232$	$665 := 1^4 + 1^7 + 11^1 + 25^2 + 27^1$	$= 14 + 17 + 111 + 252 + 271$
$665 := 1^0 + 13^1 + 16^0 + 17^2 + 19^2$	$= 10 + 131 + 160 + 172 + 192$	$665 := 1^4 + 1^7 + 12^1 + 25^2 + 26^1$	$= 14 + 17 + 121 + 252 + 261$
$665 := 1^0 + 14^0 + 15^1 + 18^2 + 18^2$	$= 10 + 140 + 151 + 182 + 182$	$665 := 1^4 + 1^7 + 13^1 + 25^1 + 25^2$	$= 14 + 17 + 131 + 251 + 252$
$665 := 1^0 + 4^0 + 14^2 + 21^2 + 26^1$	$= 10 + 40 + 142 + 212 + 261$	$665 := 1^4 + 1^7 + 14^1 + 24^1 + 25^2$	$= 14 + 17 + 141 + 241 + 252$
$665 := 1^0 + 4^2 + 14^0 + 22^1 + 25^2$	$= 10 + 42 + 140 + 221 + 252$	$665 := 1^4 + 1^7 + 15^1 + 23^1 + 25^2$	$= 14 + 17 + 151 + 231 + 252$
$665 := 1^0 + 5^2 + 13^1 + 22^0 + 25^2$	$= 10 + 52 + 131 + 220 + 252$	$665 := 1^4 + 1^7 + 16^1 + 22^1 + 25^2$	$= 14 + 17 + 161 + 221 + 252$
$665 := 1^0 + 6^1 + 9^2 + 24^2 + 26^0$	$= 10 + 61 + 92 + 242 + 260$	$665 := 1^4 + 1^7 + 17^1 + 21^1 + 25^2$	$= 14 + 17 + 171 + 211 + 252$
$665 := 1^0 + 7^1 + 16^2 + 20^2 + 22^0$	$= 10 + 71 + 162 + 202 + 220$	$665 := 1^4 + 1^7 + 18^1 + 20^1 + 25^2$	$= 14 + 17 + 181 + 201 + 252$
$665 := 1^0 + 8^2 + 10^0 + 23^1 + 24^2$	$= 10 + 82 + 100 + 231 + 242$	$665 := 1^4 + 1^7 + 19^1 + 19^1 + 25^2$	$= 14 + 17 + 191 + 191 + 252$
$665 := 1^1 + 2^0 + 11^1 + 25^2 + 27^1$	$= 11 + 20 + 111 + 252 + 271$	$665 := 1^5 + 1^6 + 11^1 + 25^2 + 27^1$	$= 15 + 16 + 111 + 252 + 271$
$665 := 1^1 + 2^0 + 12^1 + 25^2 + 26^1$	$= 11 + 20 + 121 + 252 + 261$	$665 := 1^5 + 1^6 + 12^1 + 25^2 + 26^1$	$= 15 + 16 + 121 + 252 + 261$
$665 := 1^1 + 2^0 + 13^1 + 25^1 + 25^2$	$= 11 + 20 + 131 + 251 + 252$	$665 := 1^5 + 1^6 + 13^1 + 25^1 + 25^2$	$= 15 + 16 + 131 + 251 + 252$
$665 := 1^1 + 2^0 + 14^1 + 24^1 + 25^2$	$= 11 + 20 + 141 + 241 + 252$	$665 := 1^5 + 1^6 + 14^1 + 24^1 + 25^2$	$= 15 + 16 + 141 + 241 + 252$
$665 := 1^1 + 2^0 + 15^1 + 23^1 + 25^2$	$= 11 + 20 + 151 + 231 + 252$	$665 := 1^5 + 1^6 + 15^1 + 23^1 + 25^2$	$= 15 + 16 + 151 + 231 + 252$
$665 := 1^1 + 2^0 + 16^1 + 22^1 + 25^2$	$= 11 + 20 + 161 + 221 + 252$	$665 := 1^5 + 1^6 + 16^1 + 22^1 + 25^2$	$= 15 + 16 + 161 + 221 + 252$
$665 := 1^1 + 2^0 + 17^1 + 21^1 + 25^2$	$= 11 + 20 + 171 + 211 + 252$	$665 := 1^5 + 1^6 + 17^1 + 21^1 + 25^2$	$= 15 + 16 + 171 + 211 + 252$
$665 := 1^1 + 2^0 + 18^1 + 20^1 + 25^2$	$= 11 + 20 + 181 + 201 + 252$	$665 := 1^5 + 1^6 + 18^1 + 20^1 + 25^2$	$= 15 + 16 + 181 + 201 + 252$
$665 := 1^1 + 2^0 + 19^1 + 19^1 + 25^2$	$= 11 + 20 + 191 + 191 + 252$	$665 := 1^5 + 1^6 + 19^1 + 19^1 + 25^2$	$= 15 + 16 + 191 + 191 + 252$
$665 := 1^2 + 1^9 + 11^1 + 25^2 + 27^1$	$= 12 + 19 + 111 + 252 + 271$	$665 := 1^6 + 2^6 + 15^0 + 23^1 + 24^2$	$= 16 + 26 + 150 + 231 + 242$
$665 := 1^2 + 1^9 + 12^1 + 25^2 + 26^1$	$= 12 + 19 + 121 + 252 + 261$	$665 := 1^7 + 3^3 + 13^2 + 21^2 + 27^1$	$= 17 + 33 + 132 + 212 + 271$
$665 := 1^2 + 1^9 + 13^1 + 25^1 + 25^2$	$= 12 + 19 + 131 + 251 + 252$	$665 := 1^7 + 3^5 + 20^1 + 20^2 + 21^0$	$= 17 + 35 + 201 + 202 + 210$
$665 := 1^2 + 1^9 + 14^1 + 24^1 + 25^2$	$= 12 + 19 + 141 + 241 + 252$	$665 := 1^7 + 5^3 + 16^2 + 16^2 + 27^1$	$= 17 + 53 + 162 + 162 + 271$
$665 := 1^2 + 1^9 + 15^1 + 23^1 + 25^2$	$= 12 + 19 + 151 + 231 + 252$	$665 := 1^8 + 10^2 + 10^2 + 21^2 + 23^1$	$= 18 + 102 + 102 + 212 + 231$
$665 := 1^2 + 1^9 + 16^1 + 22^1 + 25^2$	$= 12 + 19 + 161 + 221 + 252$	$665 := 1^8 + 11^2 + 11^2 + 20^2 + 22^1$	$= 18 + 112 + 112 + 202 + 221$
$665 := 1^2 + 1^9 + 17^1 + 21^1 + 25^2$	$= 12 + 19 + 171 + 211 + 252$	$665 := 1^8 + 2^4 + 15^0 + 22^1 + 25^2$	$= 18 + 24 + 150 + 221 + 252$
$665 := 1^2 + 1^9 + 18^1 + 20^1 + 25^2$	$= 12 + 19 + 181 + 201 + 252$	$665 := 1^8 + 3^2 + 12^2 + 22^2 + 27^1$	$= 18 + 32 + 122 + 222 + 271$
$665 := 1^2 + 1^9 + 19^1 + 19^1 + 25^2$	$= 12 + 19 + 191 + 191 + 252$	$665 := 1^8 + 5^3 + 8^3 + 25^0 + 26^1$	$= 18 + 53 + 83 + 250 + 261$
$665 := 1^2 + 2^9 + 10^2 + 25^1 + 27^1$	$= 12 + 29 + 102 + 251 + 271$	$665 := 1^8 + 8^2 + 17^2 + 17^2 + 22^1$	$= 18 + 82 + 172 + 172 + 221$
$665 := 1^2 + 2^9 + 10^2 + 26^1 + 26^1$	$= 12 + 29 + 102 + 261 + 261$	$665 := 1^9 + 3^3 + 11^1 + 25^0 + 25^2$	$= 19 + 33 + 111 + 250 + 252$
$665 := 1^3 + 1^8 + 11^1 + 25^2 + 27^1$	$= 13 + 18 + 111 + 252 + 271$	$665 := 1^9 + 4^3 + 13^0 + 23^1 + 24^2$	$= 19 + 43 + 130 + 231 + 242$
$665 := 1^3 + 1^8 + 12^1 + 25^2 + 26^1$	$= 13 + 18 + 121 + 252 + 261$	$665 := 1^9 + 5^3 + 9^1 + 23^2 + 27^0$	$= 19 + 53 + 91 + 232 + 270$
$665 := 1^3 + 1^8 + 13^1 + 25^1 + 25^2$	$= 13 + 18 + 131 + 251 + 252$	$665 := 1^9 + 5^4 + 11^1 + 21^0 + 27^1$	$= 19 + 54 + 111 + 210 + 271$

$$\begin{aligned} 665 &:= 1^9 + 5^4 + 12^1 + 21^0 + 26^1 = 19 + 54 + 121 + 210 + 261 & 665 &:= 2^0 + 3^1 + 13^1 + 23^1 + 25^2 = 20 + 31 + 131 + 231 + 252 \\ 665 &:= 1^9 + 5^4 + 13^1 + 21^0 + 25^1 = 19 + 54 + 131 + 210 + 251 & 665 &:= 2^0 + 3^1 + 14^1 + 22^1 + 25^2 = 20 + 31 + 141 + 221 + 252 \\ 665 &:= 1^9 + 5^4 + 14^1 + 21^0 + 24^1 = 19 + 54 + 141 + 210 + 241 & 665 &:= 2^0 + 3^1 + 15^1 + 21^1 + 25^2 = 20 + 31 + 151 + 211 + 252 \\ 665 &:= 1^9 + 5^4 + 15^1 + 21^0 + 23^1 = 19 + 54 + 151 + 210 + 231 & 665 &:= 2^0 + 3^1 + 16^1 + 20^1 + 25^2 = 20 + 31 + 161 + 201 + 252 \\ 665 &:= 1^9 + 5^4 + 16^1 + 21^0 + 22^1 = 19 + 54 + 161 + 210 + 221 & 665 &:= 2^0 + 3^1 + 17^1 + 19^1 + 25^2 = 20 + 31 + 171 + 191 + 252 \\ 665 &:= 1^9 + 5^4 + 17^1 + 21^0 + 21^1 = 19 + 54 + 171 + 210 + 211 & 665 &:= 2^0 + 3^1 + 18^1 + 18^1 + 25^2 = 20 + 31 + 181 + 181 + 252 \\ 665 &:= 1^9 + 5^4 + 18^1 + 20^1 + 21^0 = 19 + 54 + 181 + 201 + 210 & 665 &:= 2^0 + 3^1 + 9^1 + 25^2 + 27^1 = 20 + 31 + 91 + 252 + 271 \\ 665 &:= 1^9 + 5^4 + 19^1 + 19^1 + 21^0 = 19 + 54 + 191 + 191 + 210 & 665 &:= 2^0 + 4^1 + 10^1 + 25^1 + 25^2 = 20 + 41 + 101 + 251 + 252 \\ 665 &:= 10^0 + 10^1 + 11^0 + 13^2 + 22^2 = 100 + 101 + 110 + 132 + 222 & 665 &:= 2^0 + 4^1 + 11^1 + 24^1 + 25^2 = 20 + 41 + 111 + 241 + 252 \\ 665 &:= 2^0 + 10^1 + 10^1 + 19^1 + 25^2 = 20 + 101 + 101 + 191 + 252 & 665 &:= 2^0 + 4^1 + 12^1 + 23^1 + 25^2 = 20 + 41 + 121 + 231 + 252 \\ 665 &:= 2^0 + 10^1 + 11^1 + 18^1 + 25^2 = 20 + 101 + 111 + 181 + 252 & 665 &:= 2^0 + 4^1 + 13^1 + 22^1 + 25^2 = 20 + 41 + 131 + 221 + 252 \\ 665 &:= 2^0 + 10^1 + 12^1 + 17^1 + 25^2 = 20 + 101 + 121 + 171 + 252 & 665 &:= 2^0 + 4^1 + 14^1 + 21^1 + 25^2 = 20 + 41 + 141 + 211 + 252 \\ 665 &:= 2^0 + 10^1 + 13^1 + 16^1 + 25^2 = 20 + 101 + 131 + 161 + 252 & 665 &:= 2^0 + 4^1 + 15^1 + 20^1 + 25^2 = 20 + 41 + 151 + 201 + 252 \\ 665 &:= 2^0 + 10^1 + 13^2 + 19^0 + 22^2 = 20 + 101 + 132 + 190 + 222 & 665 &:= 2^0 + 4^1 + 16^1 + 19^1 + 25^2 = 20 + 41 + 161 + 191 + 252 \\ 665 &:= 2^0 + 10^1 + 14^1 + 15^1 + 25^2 = 20 + 101 + 141 + 151 + 252 & 665 &:= 2^0 + 4^1 + 17^1 + 18^1 + 25^2 = 20 + 41 + 171 + 181 + 252 \\ 665 &:= 2^0 + 11^1 + 11^1 + 17^1 + 25^2 = 20 + 111 + 111 + 171 + 252 & 665 &:= 2^0 + 4^1 + 8^1 + 25^2 + 27^1 = 20 + 41 + 81 + 252 + 271 \\ 665 &:= 2^0 + 11^1 + 12^1 + 16^1 + 25^2 = 20 + 111 + 121 + 161 + 252 & 665 &:= 2^0 + 4^1 + 9^1 + 25^2 + 26^1 = 20 + 41 + 91 + 252 + 261 \\ 665 &:= 2^0 + 11^1 + 13^1 + 15^1 + 25^2 = 20 + 111 + 131 + 151 + 252 & 665 &:= 2^0 + 4^2 + 13^0 + 22^1 + 25^2 = 20 + 42 + 130 + 221 + 252 \\ 665 &:= 2^0 + 11^1 + 14^1 + 14^1 + 25^2 = 20 + 111 + 141 + 141 + 252 & 665 &:= 2^0 + 5^1 + 10^1 + 24^1 + 25^2 = 20 + 51 + 101 + 241 + 252 \\ 665 &:= 2^0 + 11^2 + 13^1 + 17^0 + 23^2 = 20 + 112 + 131 + 170 + 232 & 665 &:= 2^0 + 5^1 + 11^1 + 23^1 + 25^2 = 20 + 51 + 111 + 231 + 252 \\ 665 &:= 2^0 + 12^1 + 12^1 + 15^1 + 25^2 = 20 + 121 + 121 + 151 + 252 & 665 &:= 2^0 + 5^1 + 12^1 + 22^1 + 25^2 = 20 + 51 + 121 + 221 + 252 \\ 665 &:= 2^0 + 12^1 + 13^1 + 14^1 + 25^2 = 20 + 121 + 131 + 141 + 252 & 665 &:= 2^0 + 5^1 + 13^1 + 21^1 + 25^2 = 20 + 51 + 131 + 211 + 252 \\ 665 &:= 2^0 + 13^0 + 15^1 + 18^2 + 18^2 = 20 + 130 + 151 + 182 + 182 & 665 &:= 2^0 + 5^1 + 14^1 + 20^1 + 25^2 = 20 + 51 + 141 + 201 + 252 \\ 665 &:= 2^0 + 13^1 + 13^1 + 13^1 + 25^2 = 20 + 131 + 131 + 131 + 252 & 665 &:= 2^0 + 5^1 + 15^1 + 19^1 + 25^2 = 20 + 51 + 151 + 191 + 252 \\ 665 &:= 2^0 + 13^1 + 15^0 + 17^2 + 19^2 = 20 + 131 + 150 + 172 + 192 & 665 &:= 2^0 + 5^1 + 16^1 + 18^1 + 25^2 = 20 + 51 + 161 + 181 + 252 \\ 665 &:= 2^0 + 2^1 + 10^1 + 25^2 + 27^1 = 20 + 21 + 101 + 252 + 271 & 665 &:= 2^0 + 5^1 + 17^1 + 17^1 + 25^2 = 20 + 51 + 171 + 171 + 252 \\ 665 &:= 2^0 + 2^1 + 11^1 + 25^2 + 26^1 = 20 + 21 + 111 + 252 + 261 & 665 &:= 2^0 + 5^1 + 7^1 + 25^2 + 27^1 = 20 + 51 + 71 + 252 + 271 \\ 665 &:= 2^0 + 2^1 + 12^1 + 25^1 + 25^2 = 20 + 21 + 121 + 251 + 252 & 665 &:= 2^0 + 5^1 + 8^1 + 25^2 + 26^1 = 20 + 51 + 81 + 252 + 261 \\ 665 &:= 2^0 + 2^1 + 13^1 + 24^1 + 25^2 = 20 + 21 + 131 + 241 + 252 & 665 &:= 2^0 + 5^1 + 9^1 + 25^1 + 25^2 = 20 + 51 + 91 + 251 + 252 \\ 665 &:= 2^0 + 2^1 + 14^1 + 23^1 + 25^2 = 20 + 21 + 141 + 231 + 252 & 665 &:= 2^0 + 5^2 + 13^1 + 21^0 + 25^2 = 20 + 52 + 131 + 210 + 252 \\ 665 &:= 2^0 + 2^1 + 15^1 + 22^1 + 25^2 = 20 + 21 + 151 + 221 + 252 & 665 &:= 2^0 + 6^1 + 10^1 + 23^1 + 25^2 = 20 + 61 + 101 + 231 + 252 \\ 665 &:= 2^0 + 2^1 + 16^1 + 21^1 + 25^2 = 20 + 21 + 161 + 211 + 252 & 665 &:= 2^0 + 6^1 + 11^1 + 22^1 + 25^2 = 20 + 61 + 111 + 221 + 252 \\ 665 &:= 2^0 + 2^1 + 17^1 + 20^1 + 25^2 = 20 + 21 + 171 + 201 + 252 & 665 &:= 2^0 + 6^1 + 12^1 + 21^1 + 25^2 = 20 + 61 + 121 + 211 + 252 \\ 665 &:= 2^0 + 2^1 + 18^1 + 19^1 + 25^2 = 20 + 21 + 181 + 191 + 252 & 665 &:= 2^0 + 6^1 + 13^1 + 20^1 + 25^2 = 20 + 61 + 131 + 201 + 252 \\ 665 &:= 2^0 + 3^0 + 14^2 + 21^2 + 26^1 = 20 + 30 + 142 + 212 + 261 & 665 &:= 2^0 + 6^1 + 14^1 + 19^1 + 25^2 = 20 + 61 + 141 + 191 + 252 \\ 665 &:= 2^0 + 3^1 + 10^1 + 25^2 + 26^1 = 20 + 31 + 101 + 252 + 261 & 665 &:= 2^0 + 6^1 + 15^1 + 18^1 + 25^2 = 20 + 61 + 151 + 181 + 252 \\ 665 &:= 2^0 + 3^1 + 11^1 + 25^1 + 25^2 = 20 + 31 + 111 + 251 + 252 & 665 &:= 2^0 + 6^1 + 16^1 + 17^1 + 25^2 = 20 + 61 + 161 + 171 + 252 \\ 665 &:= 2^0 + 3^1 + 12^1 + 24^1 + 25^2 = 20 + 31 + 121 + 241 + 252 & 665 &:= 2^0 + 6^1 + 6^1 + 25^2 + 27^1 = 20 + 61 + 61 + 252 + 271 \end{aligned}$$

$665 := 2^0 + 6^1 + 7^1 + 25^2 + 26^1$	$= 20 + 61 + 71 + 252 + 261$	$665 := 2^1 + 6^2 + 16^0 + 17^0 + 25^2$	$= 21 + 62 + 160 + 170 + 252$
$665 := 2^0 + 6^1 + 8^1 + 25^1 + 25^2$	$= 20 + 61 + 81 + 251 + 252$	$665 := 2^1 + 6^2 + 7^0 + 25^2 + 26^0$	$= 21 + 62 + 70 + 252 + 260$
$665 := 2^0 + 6^1 + 9^1 + 24^1 + 25^2$	$= 20 + 61 + 91 + 241 + 252$	$665 := 2^1 + 6^2 + 8^0 + 25^0 + 25^2$	$= 21 + 62 + 80 + 250 + 252$
$665 := 2^0 + 6^1 + 9^2 + 24^2 + 25^0$	$= 20 + 61 + 92 + 242 + 250$	$665 := 2^1 + 6^2 + 9^0 + 24^0 + 25^2$	$= 21 + 62 + 90 + 240 + 252$
$665 := 2^0 + 7^1 + 10^1 + 22^1 + 25^2$	$= 20 + 71 + 101 + 221 + 252$	$665 := 2^3 + 2^9 + 11^2 + 23^1 + 27^0$	$= 23 + 29 + 112 + 231 + 270$
$665 := 2^0 + 7^1 + 11^1 + 21^1 + 25^2$	$= 20 + 71 + 111 + 211 + 252$	$665 := 2^5 + 2^7 + 19^0 + 20^1 + 22^2$	$= 25 + 27 + 190 + 201 + 222$
$665 := 2^0 + 7^1 + 12^1 + 20^1 + 25^2$	$= 20 + 71 + 121 + 201 + 252$	$665 := 2^9 + 3^3 + 10^2 + 25^0 + 25^1$	$= 29 + 33 + 102 + 250 + 251$
$665 := 2^0 + 7^1 + 13^1 + 19^1 + 25^2$	$= 20 + 71 + 131 + 191 + 252$	$665 := 2^9 + 4^3 + 8^2 + 24^1 + 27^0$	$= 29 + 43 + 82 + 241 + 270$
$665 := 2^0 + 7^1 + 14^1 + 18^1 + 25^2$	$= 20 + 71 + 141 + 181 + 252$	$665 := 3^0 + 10^1 + 13^2 + 18^0 + 22^2$	$= 30 + 101 + 132 + 180 + 222$
$665 := 2^0 + 7^1 + 15^1 + 17^1 + 25^2$	$= 20 + 71 + 151 + 171 + 252$	$665 := 3^0 + 11^2 + 13^1 + 16^0 + 23^2$	$= 30 + 112 + 131 + 160 + 232$
$665 := 2^0 + 7^1 + 16^1 + 16^1 + 25^2$	$= 20 + 71 + 161 + 161 + 252$	$665 := 3^0 + 12^0 + 15^1 + 18^2 + 18^2$	$= 30 + 120 + 151 + 182 + 182$
$665 := 2^0 + 7^1 + 16^2 + 20^2 + 21^0$	$= 20 + 71 + 162 + 202 + 210$	$665 := 3^0 + 13^1 + 14^0 + 17^2 + 19^2$	$= 30 + 131 + 140 + 172 + 192$
$665 := 2^0 + 7^1 + 7^1 + 25^1 + 25^2$	$= 20 + 71 + 71 + 251 + 252$	$665 := 3^0 + 4^2 + 12^0 + 22^1 + 25^2$	$= 30 + 42 + 120 + 221 + 252$
$665 := 2^0 + 7^1 + 8^1 + 24^1 + 25^2$	$= 20 + 71 + 81 + 241 + 252$	$665 := 3^0 + 5^2 + 13^1 + 20^0 + 25^2$	$= 30 + 52 + 131 + 200 + 252$
$665 := 2^0 + 7^1 + 9^1 + 23^1 + 25^2$	$= 20 + 71 + 91 + 231 + 252$	$665 := 3^0 + 6^1 + 9^2 + 24^0 + 24^2$	$= 30 + 61 + 92 + 240 + 242$
$665 := 2^0 + 8^1 + 10^1 + 21^1 + 25^2$	$= 20 + 81 + 101 + 211 + 252$	$665 := 3^0 + 7^1 + 16^2 + 20^0 + 20^2$	$= 30 + 71 + 162 + 200 + 202$
$665 := 2^0 + 8^1 + 11^1 + 20^1 + 25^2$	$= 20 + 81 + 111 + 201 + 252$	$665 := 3^0 + 8^0 + 8^2 + 23^1 + 24^2$	$= 30 + 80 + 82 + 231 + 242$
$665 := 2^0 + 8^1 + 12^1 + 19^1 + 25^2$	$= 20 + 81 + 121 + 191 + 252$	$665 := 3^5 + 3^5 + 5^3 + 27^1 + 27^1$	$= 35 + 35 + 53 + 271 + 271$
$665 := 2^0 + 8^1 + 13^1 + 18^1 + 25^2$	$= 20 + 81 + 131 + 181 + 252$	$665 := 4^0 + 10^1 + 13^2 + 17^0 + 22^2$	$= 40 + 101 + 132 + 170 + 222$
$665 := 2^0 + 8^1 + 14^1 + 17^1 + 25^2$	$= 20 + 81 + 141 + 171 + 252$	$665 := 4^0 + 11^0 + 15^1 + 18^2 + 18^2$	$= 40 + 110 + 151 + 182 + 182$
$665 := 2^0 + 8^1 + 15^1 + 16^1 + 25^2$	$= 20 + 81 + 151 + 161 + 252$	$665 := 4^0 + 11^2 + 13^1 + 15^0 + 23^2$	$= 40 + 112 + 131 + 150 + 232$
$665 := 2^0 + 8^1 + 8^1 + 23^1 + 25^2$	$= 20 + 81 + 81 + 231 + 252$	$665 := 4^0 + 13^0 + 13^1 + 17^2 + 19^2$	$= 40 + 130 + 131 + 172 + 192$
$665 := 2^0 + 8^1 + 9^1 + 22^1 + 25^2$	$= 20 + 81 + 91 + 221 + 252$	$665 := 4^0 + 4^2 + 11^0 + 22^1 + 25^2$	$= 40 + 42 + 110 + 221 + 252$
$665 := 2^0 + 8^2 + 9^0 + 23^1 + 24^2$	$= 20 + 82 + 90 + 231 + 242$	$665 := 4^0 + 5^2 + 13^1 + 19^0 + 25^2$	$= 40 + 52 + 131 + 190 + 252$
$665 := 2^0 + 9^1 + 10^1 + 20^1 + 25^2$	$= 20 + 91 + 101 + 201 + 252$	$665 := 4^0 + 6^1 + 9^2 + 23^0 + 24^2$	$= 40 + 61 + 92 + 230 + 242$
$665 := 2^0 + 9^1 + 11^1 + 19^1 + 25^2$	$= 20 + 91 + 111 + 191 + 252$	$665 := 4^0 + 7^0 + 8^2 + 23^1 + 24^2$	$= 40 + 70 + 82 + 231 + 242$
$665 := 2^0 + 9^1 + 12^1 + 18^1 + 25^2$	$= 20 + 91 + 121 + 181 + 252$	$665 := 4^0 + 7^1 + 16^2 + 19^0 + 20^2$	$= 40 + 71 + 162 + 190 + 202$
$665 := 2^0 + 9^1 + 13^1 + 17^1 + 25^2$	$= 20 + 91 + 131 + 171 + 252$	$665 := 4^2 + 5^0 + 10^0 + 22^1 + 25^2$	$= 42 + 50 + 100 + 221 + 252$
$665 := 2^0 + 9^1 + 14^1 + 16^1 + 25^2$	$= 20 + 91 + 141 + 161 + 252$	$665 := 4^2 + 6^0 + 9^0 + 22^1 + 25^2$	$= 42 + 60 + 90 + 221 + 252$
$665 := 2^0 + 9^1 + 15^1 + 15^1 + 25^2$	$= 20 + 91 + 151 + 151 + 252$	$665 := 4^2 + 7^0 + 8^0 + 22^1 + 25^2$	$= 42 + 70 + 80 + 221 + 252$
$665 := 2^0 + 9^1 + 9^1 + 21^1 + 25^2$	$= 20 + 91 + 91 + 211 + 252$	$665 := 5^0 + 10^0 + 15^1 + 18^2 + 18^2$	$= 50 + 100 + 151 + 182 + 182$
$665 := 2^1 + 6^0 + 6^2 + 25^2 + 27^0$	$= 21 + 60 + 62 + 252 + 270$	$665 := 5^0 + 10^1 + 13^2 + 16^0 + 22^2$	$= 50 + 101 + 132 + 160 + 222$
$665 := 2^1 + 6^2 + 10^0 + 23^0 + 25^2$	$= 21 + 62 + 100 + 230 + 252$	$665 := 5^0 + 11^2 + 13^1 + 14^0 + 23^2$	$= 50 + 112 + 131 + 140 + 232$
$665 := 2^1 + 6^2 + 11^0 + 22^0 + 25^2$	$= 21 + 62 + 110 + 220 + 252$	$665 := 5^0 + 12^0 + 13^1 + 17^2 + 19^2$	$= 50 + 120 + 131 + 172 + 192$
$665 := 2^1 + 6^2 + 12^0 + 21^0 + 25^2$	$= 21 + 62 + 120 + 210 + 252$	$665 := 5^0 + 5^2 + 13^1 + 18^0 + 25^2$	$= 50 + 52 + 131 + 180 + 252$
$665 := 2^1 + 6^2 + 13^0 + 20^0 + 25^2$	$= 21 + 62 + 130 + 200 + 252$	$665 := 5^0 + 6^0 + 8^2 + 23^1 + 24^2$	$= 50 + 60 + 82 + 231 + 242$
$665 := 2^1 + 6^2 + 14^0 + 19^0 + 25^2$	$= 21 + 62 + 140 + 190 + 252$	$665 := 5^0 + 6^1 + 9^2 + 22^0 + 24^2$	$= 50 + 61 + 92 + 220 + 242$
$665 := 2^1 + 6^2 + 15^0 + 18^0 + 25^2$	$= 21 + 62 + 150 + 180 + 252$	$665 := 5^0 + 7^1 + 16^2 + 18^0 + 20^2$	$= 50 + 71 + 162 + 180 + 202$

$665 := 5^2 + 10^0 + 13^0 + 13^1 + 25^2 = 52 + 100 + 130 + 131 + 252$	$665 := 6^1 + 9^2 + 12^0 + 15^0 + 24^2 = 61 + 92 + 120 + 150 + 242$
$665 := 5^2 + 11^0 + 12^0 + 13^1 + 25^2 = 52 + 110 + 120 + 131 + 252$	$665 := 6^1 + 9^2 + 13^0 + 14^0 + 24^2 = 61 + 92 + 130 + 140 + 242$
$665 := 5^2 + 6^0 + 13^1 + 17^0 + 25^2 = 52 + 60 + 131 + 170 + 252$	$665 := 7^0 + 10^0 + 13^1 + 17^2 + 19^2 = 70 + 100 + 131 + 172 + 192$
$665 := 5^2 + 7^0 + 13^1 + 16^0 + 25^2 = 52 + 70 + 131 + 160 + 252$	$665 := 7^0 + 10^1 + 13^2 + 14^0 + 22^2 = 70 + 101 + 132 + 140 + 222$
$665 := 5^2 + 8^0 + 13^1 + 15^0 + 25^2 = 52 + 80 + 131 + 150 + 252$	$665 := 7^0 + 11^2 + 12^0 + 13^1 + 23^2 = 70 + 112 + 120 + 131 + 232$
$665 := 5^2 + 9^0 + 13^1 + 14^0 + 25^2 = 52 + 90 + 131 + 140 + 252$	$665 := 7^0 + 7^1 + 16^0 + 16^2 + 20^2 = 70 + 71 + 160 + 162 + 202$
$665 := 6^0 + 10^1 + 13^2 + 15^0 + 22^2 = 60 + 101 + 132 + 150 + 222$	$665 := 7^0 + 8^0 + 15^1 + 18^2 + 18^2 = 70 + 80 + 151 + 182 + 182$
$665 := 6^0 + 11^0 + 13^1 + 17^2 + 19^2 = 60 + 110 + 131 + 172 + 192$	$665 := 7^1 + 10^0 + 13^0 + 16^2 + 20^2 = 71 + 100 + 130 + 162 + 202$
$665 := 6^0 + 11^2 + 13^0 + 13^1 + 23^2 = 60 + 112 + 130 + 131 + 232$	$665 := 7^1 + 11^0 + 12^0 + 16^2 + 20^2 = 71 + 110 + 120 + 162 + 202$
$665 := 6^0 + 6^1 + 9^2 + 21^0 + 24^2 = 60 + 61 + 92 + 210 + 242$	$665 := 7^1 + 8^0 + 15^0 + 16^2 + 20^2 = 71 + 80 + 150 + 162 + 202$
$665 := 6^0 + 7^1 + 16^2 + 17^0 + 20^2 = 60 + 71 + 162 + 170 + 202$	$665 := 7^1 + 9^0 + 14^0 + 16^2 + 20^2 = 71 + 90 + 140 + 162 + 202$
$665 := 6^0 + 9^0 + 15^1 + 18^2 + 18^2 = 60 + 90 + 151 + 182 + 182$	$665 := 8^0 + 10^1 + 13^0 + 13^2 + 22^2 = 80 + 101 + 130 + 132 + 222$
$665 := 6^1 + 7^0 + 9^2 + 20^0 + 24^2 = 61 + 70 + 92 + 200 + 242$	$665 := 8^0 + 11^0 + 11^2 + 13^1 + 23^2 = 80 + 110 + 112 + 131 + 232$
$665 := 6^1 + 8^0 + 9^2 + 19^0 + 24^2 = 61 + 80 + 92 + 190 + 242$	$665 := 8^0 + 9^0 + 13^1 + 17^2 + 19^2 = 80 + 90 + 131 + 172 + 192$
$665 := 6^1 + 9^0 + 9^2 + 18^0 + 24^2 = 61 + 90 + 92 + 180 + 242$	$665 := 9^0 + 10^0 + 11^2 + 13^1 + 23^2 = 90 + 100 + 112 + 131 + 232$
$665 := 6^1 + 9^2 + 10^0 + 17^0 + 24^2 = 61 + 92 + 100 + 170 + 242$	$665 := 9^0 + 10^1 + 12^0 + 13^2 + 22^2 = 90 + 101 + 120 + 132 + 222$
$665 := 6^1 + 9^2 + 11^0 + 16^0 + 24^2 = 61 + 92 + 110 + 160 + 242$	

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$666 := 1^3 + 25^2 + 40^1 = 13 + 252 + 401$	$666 := 1^2 + 5^1 + 25^2 + 35^1 = 12 + 51 + 252 + 351$
$666 := 1^0 + 1^3 + 25^2 + 39^1 = 10 + 13 + 252 + 391$	$666 := 1^2 + 6^1 + 25^2 + 34^1 = 12 + 61 + 252 + 341$
$666 := 1^1 + 1^2 + 25^2 + 39^1 = 11 + 12 + 252 + 391$	$666 := 1^2 + 7^1 + 25^2 + 33^1 = 12 + 71 + 252 + 331$
$666 := 1^1 + 5^4 + 21^0 + 39^1 = 11 + 54 + 210 + 391$	$666 := 1^2 + 8^1 + 25^2 + 32^1 = 12 + 81 + 252 + 321$
$666 := 1^2 + 10^1 + 25^2 + 30^1 = 12 + 101 + 252 + 301$	$666 := 1^2 + 9^1 + 25^2 + 31^1 = 12 + 91 + 252 + 311$
$666 := 1^2 + 11^1 + 25^2 + 29^1 = 12 + 111 + 252 + 291$	$666 := 11^2 + 12^2 + 20^2 + 23^0 = 112 + 122 + 202 + 230$
$666 := 1^2 + 12^1 + 25^2 + 28^1 = 12 + 121 + 252 + 281$	$666 := 2^1 + 5^4 + 21^0 + 38^1 = 21 + 54 + 210 + 381$
$666 := 1^2 + 13^1 + 25^2 + 27^1 = 12 + 131 + 252 + 271$	$666 := 2^2 + 6^2 + 25^2 + 33^0 = 22 + 62 + 252 + 330$
$666 := 1^2 + 14^1 + 25^2 + 26^1 = 12 + 141 + 252 + 261$	$666 := 2^3 + 7^0 + 25^2 + 32^1 = 23 + 70 + 252 + 321$
$666 := 1^2 + 15^1 + 25^1 + 25^2 = 12 + 151 + 251 + 252$	$666 := 2^5 + 2^9 + 11^2 + 50^0 = 25 + 29 + 112 + 500$
$666 := 1^2 + 16^1 + 24^1 + 25^2 = 12 + 161 + 241 + 252$	$666 := 3^1 + 5^4 + 21^0 + 37^1 = 31 + 54 + 210 + 371$
$666 := 1^2 + 17^1 + 23^1 + 25^2 = 12 + 171 + 231 + 252$	$666 := 3^2 + 16^2 + 20^2 + 27^0 = 32 + 162 + 202 + 270$
$666 := 1^2 + 18^1 + 22^1 + 25^2 = 12 + 181 + 221 + 252$	$666 := 3^3 + 13^1 + 25^0 + 25^2 = 33 + 131 + 250 + 252$
$666 := 1^2 + 19^1 + 21^1 + 25^2 = 12 + 191 + 211 + 252$	$666 := 4^1 + 5^4 + 21^0 + 36^1 = 41 + 54 + 210 + 361$
$666 := 1^2 + 2^1 + 25^2 + 38^1 = 12 + 21 + 252 + 381$	$666 := 4^3 + 13^0 + 24^2 + 25^1 = 43 + 130 + 242 + 251$
$666 := 1^2 + 20^1 + 20^1 + 25^2 = 12 + 201 + 201 + 252$	$666 := 5^1 + 5^4 + 21^0 + 35^1 = 51 + 54 + 210 + 351$
$666 := 1^2 + 3^1 + 25^2 + 37^1 = 12 + 31 + 252 + 371$	$666 := 5^2 + 8^2 + 24^2 + 29^0 = 52 + 82 + 242 + 290$
$666 := 1^2 + 4^1 + 25^2 + 36^1 = 12 + 41 + 252 + 361$	$666 := 5^3 + 11^1 + 23^2 + 27^0 = 53 + 111 + 232 + 270$

$666 := 5^4 + 10^1 + 21^0 + 30^1$	$= 54 + 101 + 210 + 301$	$666 := 1^0 + 5^4 + 16^1 + 21^0 + 23^1$	$= 10 + 54 + 161 + 210 + 231$
$666 := 5^4 + 11^1 + 21^0 + 29^1$	$= 54 + 111 + 210 + 291$	$666 := 1^0 + 5^4 + 17^1 + 21^0 + 22^1$	$= 10 + 54 + 171 + 210 + 221$
$666 := 5^4 + 12^1 + 21^0 + 28^1$	$= 54 + 121 + 210 + 281$	$666 := 1^0 + 5^4 + 18^1 + 21^0 + 21^1$	$= 10 + 54 + 181 + 210 + 211$
$666 := 5^4 + 13^1 + 21^0 + 27^1$	$= 54 + 131 + 210 + 271$	$666 := 1^0 + 5^4 + 19^1 + 20^1 + 21^0$	$= 10 + 54 + 191 + 201 + 210$
$666 := 5^4 + 14^1 + 21^0 + 26^1$	$= 54 + 141 + 210 + 261$	$666 := 1^0 + 6^2 + 12^2 + 22^2 + 25^0$	$= 10 + 62 + 122 + 222 + 250$
$666 := 5^4 + 15^1 + 21^0 + 25^1$	$= 54 + 151 + 210 + 251$	$666 := 1^1 + 1^1 + 12^1 + 25^2 + 27^1$	$= 11 + 11 + 121 + 252 + 271$
$666 := 5^4 + 16^1 + 21^0 + 24^1$	$= 54 + 161 + 210 + 241$	$666 := 1^1 + 1^1 + 13^1 + 25^2 + 26^1$	$= 11 + 11 + 131 + 252 + 261$
$666 := 5^4 + 17^1 + 21^0 + 23^1$	$= 54 + 171 + 210 + 231$	$666 := 1^1 + 1^1 + 14^1 + 25^1 + 25^2$	$= 11 + 11 + 141 + 251 + 252$
$666 := 5^4 + 18^1 + 21^0 + 22^1$	$= 54 + 181 + 210 + 221$	$666 := 1^1 + 1^1 + 15^1 + 24^1 + 25^2$	$= 11 + 11 + 151 + 241 + 252$
$666 := 5^4 + 19^1 + 21^0 + 21^1$	$= 54 + 191 + 210 + 211$	$666 := 1^1 + 1^1 + 16^1 + 23^1 + 25^2$	$= 11 + 11 + 161 + 231 + 252$
$666 := 5^4 + 20^1 + 20^1 + 21^0$	$= 54 + 201 + 201 + 210$	$666 := 1^1 + 1^1 + 17^1 + 22^1 + 25^2$	$= 11 + 11 + 171 + 221 + 252$
$666 := 5^4 + 6^1 + 21^0 + 34^1$	$= 54 + 61 + 210 + 341$	$666 := 1^1 + 1^1 + 18^1 + 21^1 + 25^2$	$= 11 + 11 + 181 + 211 + 252$
$666 := 5^4 + 7^1 + 21^0 + 33^1$	$= 54 + 71 + 210 + 331$	$666 := 1^1 + 1^1 + 19^1 + 20^1 + 25^2$	$= 11 + 11 + 191 + 201 + 252$
$666 := 5^4 + 8^1 + 21^0 + 32^1$	$= 54 + 81 + 210 + 321$	$666 := 1^1 + 10^1 + 10^1 + 20^1 + 25^2$	$= 11 + 101 + 101 + 201 + 252$
$666 := 5^4 + 9^1 + 21^0 + 31^1$	$= 54 + 91 + 210 + 311$	$666 := 1^1 + 10^1 + 11^1 + 19^1 + 25^2$	$= 11 + 101 + 111 + 191 + 252$
$666 := 6^2 + 10^2 + 23^2 + 27^0$	$= 62 + 102 + 232 + 270$	$666 := 1^1 + 10^1 + 12^1 + 18^1 + 25^2$	$= 11 + 101 + 121 + 181 + 252$
$666 := 6^3 + 8^1 + 21^2 + 31^0$	$= 63 + 81 + 212 + 310$	$666 := 1^1 + 10^1 + 13^1 + 17^1 + 25^2$	$= 11 + 101 + 131 + 171 + 252$
$666 := 7^3 + 9^0 + 17^2 + 33^1$	$= 73 + 90 + 172 + 331$	$666 := 1^1 + 10^1 + 14^1 + 16^1 + 25^2$	$= 11 + 101 + 141 + 161 + 252$
$666 := 8^3 + 11^2 + 15^0 + 32^1$	$= 83 + 112 + 150 + 321$	$666 := 1^1 + 10^1 + 15^1 + 15^1 + 25^2$	$= 11 + 101 + 151 + 151 + 252$
$666 := 8^3 + 9^1 + 12^2 + 37^0$	$= 83 + 91 + 122 + 370$	$666 := 1^1 + 11^1 + 11^1 + 18^1 + 25^2$	$= 11 + 111 + 111 + 181 + 252$
$666 := 9^2 + 10^2 + 22^2 + 25^0$	$= 92 + 102 + 222 + 250$	$666 := 1^1 + 11^1 + 12^1 + 17^1 + 25^2$	$= 11 + 111 + 121 + 171 + 252$
$666 := 1^0 + 1^2 + 12^1 + 25^2 + 27^1$	$= 10 + 12 + 121 + 252 + 271$	$666 := 1^1 + 11^1 + 13^1 + 16^1 + 25^2$	$= 11 + 111 + 131 + 161 + 252$
$666 := 1^0 + 1^2 + 13^1 + 25^2 + 26^1$	$= 10 + 12 + 131 + 252 + 261$	$666 := 1^1 + 11^1 + 13^2 + 19^0 + 22^2$	$= 11 + 111 + 132 + 190 + 222$
$666 := 1^0 + 1^2 + 14^1 + 25^1 + 25^2$	$= 10 + 12 + 141 + 251 + 252$	$666 := 1^1 + 11^1 + 14^1 + 15^1 + 25^2$	$= 11 + 111 + 141 + 151 + 252$
$666 := 1^0 + 1^2 + 15^1 + 24^1 + 25^2$	$= 10 + 12 + 151 + 241 + 252$	$666 := 1^1 + 11^2 + 14^1 + 17^0 + 23^2$	$= 11 + 112 + 141 + 170 + 232$
$666 := 1^0 + 1^2 + 16^1 + 23^1 + 25^2$	$= 10 + 12 + 161 + 231 + 252$	$666 := 1^1 + 12^1 + 12^1 + 16^1 + 25^2$	$= 11 + 121 + 121 + 161 + 252$
$666 := 1^0 + 1^2 + 17^1 + 22^1 + 25^2$	$= 10 + 12 + 171 + 221 + 252$	$666 := 1^1 + 12^1 + 13^1 + 15^1 + 25^2$	$= 11 + 121 + 131 + 151 + 252$
$666 := 1^0 + 1^2 + 18^1 + 21^1 + 25^2$	$= 10 + 12 + 181 + 211 + 252$	$666 := 1^1 + 12^1 + 14^1 + 14^1 + 25^2$	$= 11 + 121 + 141 + 141 + 252$
$666 := 1^0 + 1^2 + 19^1 + 20^1 + 25^2$	$= 10 + 12 + 191 + 201 + 252$	$666 := 1^1 + 13^0 + 16^1 + 18^2 + 18^2$	$= 11 + 130 + 161 + 182 + 182$
$666 := 1^0 + 12^2 + 14^2 + 18^2 + 21^0$	$= 10 + 122 + 142 + 182 + 210$	$666 := 1^1 + 13^1 + 13^1 + 14^1 + 25^2$	$= 11 + 131 + 131 + 141 + 252$
$666 := 1^0 + 3^3 + 12^1 + 25^0 + 25^2$	$= 10 + 33 + 121 + 250 + 252$	$666 := 1^1 + 14^1 + 15^0 + 17^2 + 19^2$	$= 11 + 141 + 150 + 172 + 192$
$666 := 1^0 + 4^2 + 18^2 + 18^2 + 25^0$	$= 10 + 42 + 182 + 182 + 250$	$666 := 1^1 + 2^1 + 11^1 + 25^2 + 27^1$	$= 11 + 21 + 111 + 252 + 271$
$666 := 1^0 + 4^3 + 13^0 + 24^1 + 24^2$	$= 10 + 43 + 130 + 241 + 242$	$666 := 1^1 + 2^1 + 12^1 + 25^2 + 26^1$	$= 11 + 21 + 121 + 252 + 261$
$666 := 1^0 + 5^3 + 10^1 + 23^2 + 27^0$	$= 10 + 53 + 101 + 232 + 270$	$666 := 1^1 + 2^1 + 13^1 + 25^1 + 25^2$	$= 11 + 21 + 131 + 251 + 252$
$666 := 1^0 + 5^4 + 12^1 + 21^0 + 27^1$	$= 10 + 54 + 121 + 210 + 271$	$666 := 1^1 + 2^1 + 14^1 + 24^1 + 25^2$	$= 11 + 21 + 141 + 241 + 252$
$666 := 1^0 + 5^4 + 13^1 + 21^0 + 26^1$	$= 10 + 54 + 131 + 210 + 261$	$666 := 1^1 + 2^1 + 15^1 + 23^1 + 25^2$	$= 11 + 21 + 151 + 231 + 252$
$666 := 1^0 + 5^4 + 14^1 + 21^0 + 25^1$	$= 10 + 54 + 141 + 210 + 251$	$666 := 1^1 + 2^1 + 16^1 + 22^1 + 25^2$	$= 11 + 21 + 161 + 221 + 252$
$666 := 1^0 + 5^4 + 15^1 + 21^0 + 24^1$	$= 10 + 54 + 151 + 210 + 241$	$666 := 1^1 + 2^1 + 17^1 + 21^1 + 25^2$	$= 11 + 21 + 171 + 211 + 252$

$$\begin{aligned} 666 &:= 1^1 + 2^1 + 18^1 + 20^1 + 25^2 = 11 + 21 + 181 + 201 + 252 & 666 &:= 1^1 + 6^1 + 14^1 + 20^1 + 25^2 = 11 + 61 + 141 + 201 + 252 \\ 666 &:= 1^1 + 2^1 + 19^1 + 19^1 + 25^2 = 11 + 21 + 191 + 191 + 252 & 666 &:= 1^1 + 6^1 + 15^1 + 19^1 + 25^2 = 11 + 61 + 151 + 191 + 252 \\ 666 &:= 1^1 + 3^0 + 14^2 + 21^2 + 27^1 = 11 + 30 + 142 + 212 + 271 & 666 &:= 1^1 + 6^1 + 16^1 + 18^1 + 25^2 = 11 + 61 + 161 + 181 + 252 \\ 666 &:= 1^1 + 3^1 + 10^1 + 25^2 + 27^1 = 11 + 31 + 101 + 252 + 271 & 666 &:= 1^1 + 6^1 + 17^1 + 17^1 + 25^2 = 11 + 61 + 171 + 171 + 252 \\ 666 &:= 1^1 + 3^1 + 11^1 + 25^2 + 26^1 = 11 + 31 + 111 + 252 + 261 & 666 &:= 1^1 + 6^1 + 7^1 + 25^2 + 27^1 = 11 + 61 + 71 + 252 + 271 \\ 666 &:= 1^1 + 3^1 + 12^1 + 25^1 + 25^2 = 11 + 31 + 121 + 251 + 252 & 666 &:= 1^1 + 6^1 + 8^1 + 25^2 + 26^1 = 11 + 61 + 81 + 252 + 261 \\ 666 &:= 1^1 + 3^1 + 13^1 + 24^1 + 25^2 = 11 + 31 + 131 + 241 + 252 & 666 &:= 1^1 + 6^1 + 9^1 + 25^1 + 25^2 = 11 + 61 + 91 + 251 + 252 \\ 666 &:= 1^1 + 3^1 + 14^1 + 23^1 + 25^2 = 11 + 31 + 141 + 231 + 252 & 666 &:= 1^1 + 7^1 + 10^1 + 23^1 + 25^2 = 11 + 71 + 101 + 231 + 252 \\ 666 &:= 1^1 + 3^1 + 15^1 + 22^1 + 25^2 = 11 + 31 + 151 + 221 + 252 & 666 &:= 1^1 + 7^1 + 11^1 + 22^1 + 25^2 = 11 + 71 + 111 + 221 + 252 \\ 666 &:= 1^1 + 3^1 + 16^1 + 21^1 + 25^2 = 11 + 31 + 161 + 211 + 252 & 666 &:= 1^1 + 7^1 + 12^1 + 21^1 + 25^2 = 11 + 71 + 121 + 211 + 252 \\ 666 &:= 1^1 + 3^1 + 17^1 + 20^1 + 25^2 = 11 + 31 + 171 + 201 + 252 & 666 &:= 1^1 + 7^1 + 13^1 + 20^1 + 25^2 = 11 + 71 + 131 + 201 + 252 \\ 666 &:= 1^1 + 3^1 + 18^1 + 19^1 + 25^2 = 11 + 31 + 181 + 191 + 252 & 666 &:= 1^1 + 7^1 + 14^1 + 19^1 + 25^2 = 11 + 71 + 141 + 191 + 252 \\ 666 &:= 1^1 + 4^1 + 10^1 + 25^2 + 26^1 = 11 + 41 + 101 + 252 + 261 & 666 &:= 1^1 + 7^1 + 15^1 + 18^1 + 25^2 = 11 + 71 + 151 + 181 + 252 \\ 666 &:= 1^1 + 4^1 + 11^1 + 25^1 + 25^2 = 11 + 41 + 111 + 251 + 252 & 666 &:= 1^1 + 7^1 + 16^1 + 17^1 + 25^2 = 11 + 71 + 161 + 171 + 252 \\ 666 &:= 1^1 + 4^1 + 12^1 + 24^1 + 25^2 = 11 + 41 + 121 + 241 + 252 & 666 &:= 1^1 + 7^1 + 7^1 + 25^2 + 26^1 = 11 + 71 + 71 + 252 + 261 \\ 666 &:= 1^1 + 4^1 + 13^1 + 23^1 + 25^2 = 11 + 41 + 131 + 231 + 252 & 666 &:= 1^1 + 7^1 + 8^1 + 25^1 + 25^2 = 11 + 71 + 81 + 251 + 252 \\ 666 &:= 1^1 + 4^1 + 14^1 + 22^1 + 25^2 = 11 + 41 + 141 + 221 + 252 & 666 &:= 1^1 + 7^1 + 9^1 + 24^1 + 25^2 = 11 + 71 + 91 + 241 + 252 \\ 666 &:= 1^1 + 4^1 + 15^1 + 21^1 + 25^2 = 11 + 41 + 151 + 211 + 252 & 666 &:= 1^1 + 7^1 + 9^2 + 24^2 + 25^0 = 11 + 71 + 92 + 242 + 250 \\ 666 &:= 1^1 + 4^1 + 16^1 + 20^1 + 25^2 = 11 + 41 + 161 + 201 + 252 & 666 &:= 1^1 + 8^1 + 10^1 + 22^1 + 25^2 = 11 + 81 + 101 + 221 + 252 \\ 666 &:= 1^1 + 4^1 + 17^1 + 19^1 + 25^2 = 11 + 41 + 171 + 191 + 252 & 666 &:= 1^1 + 8^1 + 11^1 + 21^1 + 25^2 = 11 + 81 + 111 + 211 + 252 \\ 666 &:= 1^1 + 4^1 + 18^1 + 18^1 + 25^2 = 11 + 41 + 181 + 181 + 252 & 666 &:= 1^1 + 8^1 + 12^1 + 20^1 + 25^2 = 11 + 81 + 121 + 201 + 252 \\ 666 &:= 1^1 + 4^1 + 9^1 + 25^2 + 27^1 = 11 + 41 + 91 + 252 + 271 & 666 &:= 1^1 + 8^1 + 13^1 + 19^1 + 25^2 = 11 + 81 + 131 + 191 + 252 \\ 666 &:= 1^1 + 4^2 + 13^0 + 23^1 + 25^2 = 11 + 42 + 130 + 231 + 252 & 666 &:= 1^1 + 8^1 + 14^1 + 18^1 + 25^2 = 11 + 81 + 141 + 181 + 252 \\ 666 &:= 1^1 + 5^1 + 10^1 + 25^1 + 25^2 = 11 + 51 + 101 + 251 + 252 & 666 &:= 1^1 + 8^1 + 15^1 + 17^1 + 25^2 = 11 + 81 + 151 + 171 + 252 \\ 666 &:= 1^1 + 5^1 + 11^1 + 24^1 + 25^2 = 11 + 51 + 111 + 241 + 252 & 666 &:= 1^1 + 8^1 + 16^1 + 16^1 + 25^2 = 11 + 81 + 161 + 161 + 252 \\ 666 &:= 1^1 + 5^1 + 12^1 + 23^1 + 25^2 = 11 + 51 + 121 + 231 + 252 & 666 &:= 1^1 + 8^1 + 16^2 + 20^2 + 21^0 = 11 + 81 + 162 + 202 + 210 \\ 666 &:= 1^1 + 5^1 + 13^1 + 22^1 + 25^2 = 11 + 51 + 131 + 221 + 252 & 666 &:= 1^1 + 8^1 + 8^1 + 24^1 + 25^2 = 11 + 81 + 81 + 241 + 252 \\ 666 &:= 1^1 + 5^1 + 14^1 + 21^1 + 25^2 = 11 + 51 + 141 + 211 + 252 & 666 &:= 1^1 + 8^1 + 9^1 + 23^1 + 25^2 = 11 + 81 + 91 + 231 + 252 \\ 666 &:= 1^1 + 5^1 + 15^1 + 20^1 + 25^2 = 11 + 51 + 151 + 201 + 252 & 666 &:= 1^1 + 8^2 + 9^0 + 24^1 + 24^2 = 11 + 82 + 90 + 241 + 242 \\ 666 &:= 1^1 + 5^1 + 16^1 + 19^1 + 25^2 = 11 + 51 + 161 + 191 + 252 & 666 &:= 1^1 + 9^1 + 10^1 + 21^1 + 25^2 = 11 + 91 + 101 + 211 + 252 \\ 666 &:= 1^1 + 5^1 + 17^1 + 18^1 + 25^2 = 11 + 51 + 171 + 181 + 252 & 666 &:= 1^1 + 9^1 + 11^1 + 20^1 + 25^2 = 11 + 91 + 111 + 201 + 252 \\ 666 &:= 1^1 + 5^1 + 8^1 + 25^2 + 27^1 = 11 + 51 + 81 + 252 + 271 & 666 &:= 1^1 + 9^1 + 12^1 + 19^1 + 25^2 = 11 + 91 + 121 + 191 + 252 \\ 666 &:= 1^1 + 5^1 + 9^1 + 25^2 + 26^1 = 11 + 51 + 91 + 252 + 261 & 666 &:= 1^1 + 9^1 + 13^1 + 18^1 + 25^2 = 11 + 91 + 131 + 181 + 252 \\ 666 &:= 1^1 + 5^2 + 14^1 + 21^0 + 25^2 = 11 + 52 + 141 + 210 + 252 & 666 &:= 1^1 + 9^1 + 14^1 + 17^1 + 25^2 = 11 + 91 + 141 + 171 + 252 \\ 666 &:= 1^1 + 6^1 + 10^1 + 24^1 + 25^2 = 11 + 61 + 101 + 241 + 252 & 666 &:= 1^1 + 9^1 + 15^1 + 16^1 + 25^2 = 11 + 91 + 151 + 161 + 252 \\ 666 &:= 1^1 + 6^1 + 11^1 + 23^1 + 25^2 = 11 + 61 + 111 + 231 + 252 & 666 &:= 1^1 + 9^1 + 9^1 + 22^1 + 25^2 = 11 + 91 + 91 + 221 + 252 \\ 666 &:= 1^1 + 6^1 + 12^1 + 22^1 + 25^2 = 11 + 61 + 121 + 221 + 252 & 666 &:= 1^7 + 2^6 + 14^0 + 24^1 + 24^2 = 17 + 26 + 140 + 241 + 242 \\ 666 &:= 1^1 + 6^1 + 13^1 + 21^1 + 25^2 = 11 + 61 + 131 + 211 + 252 & 666 &:= 1^8 + 2^4 + 18^2 + 18^2 + 26^0 = 18 + 24 + 182 + 182 + 260 \end{aligned}$$

$$\begin{aligned} 666 &:= 1^8 + 3^5 + 20^0 + 20^2 + 21^1 = 18 + 35 + 200 + 202 + 211 & 666 &:= 2^1 + 2^1 + 10^1 + 25^2 + 27^1 = 21 + 21 + 101 + 252 + 271 \\ 666 &:= 1^9 + 2^3 + 16^2 + 20^2 + 26^0 = 19 + 23 + 162 + 202 + 260 & 666 &:= 2^1 + 2^1 + 11^1 + 25^2 + 26^1 = 21 + 21 + 111 + 252 + 261 \\ 666 &:= 1^9 + 2^4 + 14^0 + 23^1 + 25^2 = 19 + 24 + 140 + 231 + 252 & 666 &:= 2^1 + 2^1 + 12^1 + 25^1 + 25^2 = 21 + 21 + 121 + 251 + 252 \\ 666 &:= 1^9 + 3^3 + 14^2 + 21^2 + 26^0 = 19 + 33 + 142 + 212 + 260 & 666 &:= 2^1 + 2^1 + 13^1 + 24^1 + 25^2 = 21 + 21 + 131 + 241 + 252 \\ 666 &:= 1^9 + 5^3 + 8^3 + 24^0 + 27^1 = 19 + 53 + 83 + 240 + 271 & 666 &:= 2^1 + 2^1 + 14^1 + 23^1 + 25^2 = 21 + 21 + 141 + 231 + 252 \\ 666 &:= 10^0 + 12^0 + 12^2 + 14^2 + 18^2 = 100 + 120 + 122 + 142 + 182 & 666 &:= 2^1 + 2^1 + 15^1 + 22^1 + 25^2 = 21 + 21 + 151 + 221 + 252 \\ 666 &:= 10^1 + 10^1 + 10^1 + 11^1 + 25^2 = 101 + 101 + 101 + 111 + 252 & 666 &:= 2^1 + 2^1 + 16^1 + 21^1 + 25^2 = 21 + 21 + 161 + 211 + 252 \\ 666 &:= 11^0 + 11^0 + 12^2 + 14^2 + 18^2 = 110 + 110 + 122 + 142 + 182 & 666 &:= 2^1 + 2^1 + 17^1 + 20^1 + 25^2 = 21 + 21 + 171 + 201 + 252 \\ 666 &:= 2^0 + 12^2 + 14^2 + 18^2 + 20^0 = 20 + 122 + 142 + 182 + 200 & 666 &:= 2^1 + 2^1 + 18^1 + 19^1 + 25^2 = 21 + 21 + 181 + 191 + 252 \\ 666 &:= 2^0 + 3^3 + 12^1 + 24^0 + 25^2 = 20 + 33 + 121 + 240 + 252 & 666 &:= 2^1 + 3^0 + 14^2 + 21^2 + 26^1 = 21 + 30 + 142 + 212 + 261 \\ 666 &:= 2^0 + 4^2 + 18^2 + 18^2 + 24^0 = 20 + 42 + 182 + 182 + 240 & 666 &:= 2^1 + 3^1 + 10^1 + 25^2 + 26^1 = 21 + 31 + 101 + 252 + 261 \\ 666 &:= 2^0 + 4^3 + 12^0 + 24^1 + 24^2 = 20 + 43 + 120 + 241 + 242 & 666 &:= 2^1 + 3^1 + 11^1 + 25^1 + 25^2 = 21 + 31 + 111 + 251 + 252 \\ 666 &:= 2^0 + 5^3 + 10^1 + 23^2 + 26^0 = 20 + 53 + 101 + 232 + 260 & 666 &:= 2^1 + 3^1 + 12^1 + 24^1 + 25^2 = 21 + 31 + 121 + 241 + 252 \\ 666 &:= 2^0 + 5^4 + 12^1 + 20^0 + 27^1 = 20 + 54 + 121 + 200 + 271 & 666 &:= 2^1 + 3^1 + 13^1 + 23^1 + 25^2 = 21 + 31 + 131 + 231 + 252 \\ 666 &:= 2^0 + 5^4 + 13^1 + 20^0 + 26^1 = 20 + 54 + 131 + 200 + 261 & 666 &:= 2^1 + 3^1 + 14^1 + 22^1 + 25^2 = 21 + 31 + 141 + 221 + 252 \\ 666 &:= 2^0 + 5^4 + 14^1 + 20^0 + 25^1 = 20 + 54 + 141 + 200 + 251 & 666 &:= 2^1 + 3^1 + 15^1 + 21^1 + 25^2 = 21 + 31 + 151 + 211 + 252 \\ 666 &:= 2^0 + 5^4 + 15^1 + 20^0 + 24^1 = 20 + 54 + 151 + 200 + 241 & 666 &:= 2^1 + 3^1 + 16^1 + 20^1 + 25^2 = 21 + 31 + 161 + 201 + 252 \\ 666 &:= 2^0 + 5^4 + 16^1 + 20^0 + 23^1 = 20 + 54 + 161 + 200 + 231 & 666 &:= 2^1 + 3^1 + 17^1 + 19^1 + 25^2 = 21 + 31 + 171 + 191 + 252 \\ 666 &:= 2^0 + 5^4 + 17^1 + 20^0 + 22^1 = 20 + 54 + 171 + 200 + 221 & 666 &:= 2^1 + 3^1 + 18^1 + 18^1 + 25^2 = 21 + 31 + 181 + 181 + 252 \\ 666 &:= 2^0 + 5^4 + 18^1 + 20^0 + 21^1 = 20 + 54 + 181 + 200 + 211 & 666 &:= 2^1 + 3^1 + 9^1 + 25^2 + 27^1 = 21 + 31 + 91 + 252 + 271 \\ 666 &:= 2^0 + 5^4 + 19^1 + 20^0 + 20^1 = 20 + 54 + 191 + 200 + 201 & 666 &:= 2^1 + 4^1 + 10^1 + 25^1 + 25^2 = 21 + 41 + 101 + 251 + 252 \\ 666 &:= 2^0 + 6^2 + 12^2 + 22^2 + 24^0 = 20 + 62 + 122 + 222 + 240 & 666 &:= 2^1 + 4^1 + 11^1 + 24^1 + 25^2 = 21 + 41 + 111 + 241 + 252 \\ 666 &:= 2^1 + 10^1 + 10^1 + 19^1 + 25^2 = 21 + 101 + 101 + 191 + 252 & 666 &:= 2^1 + 4^1 + 12^1 + 23^1 + 25^2 = 21 + 41 + 121 + 231 + 252 \\ 666 &:= 2^1 + 10^1 + 11^1 + 18^1 + 25^2 = 21 + 101 + 111 + 181 + 252 & 666 &:= 2^1 + 4^1 + 13^1 + 22^1 + 25^2 = 21 + 41 + 131 + 221 + 252 \\ 666 &:= 2^1 + 10^1 + 12^1 + 17^1 + 25^2 = 21 + 101 + 121 + 171 + 252 & 666 &:= 2^1 + 4^1 + 14^1 + 21^1 + 25^2 = 21 + 41 + 141 + 211 + 252 \\ 666 &:= 2^1 + 10^1 + 13^1 + 16^1 + 25^2 = 21 + 101 + 131 + 161 + 252 & 666 &:= 2^1 + 4^1 + 15^1 + 20^1 + 25^2 = 21 + 41 + 151 + 201 + 252 \\ 666 &:= 2^1 + 10^1 + 13^2 + 19^0 + 22^2 = 21 + 101 + 132 + 190 + 222 & 666 &:= 2^1 + 4^1 + 16^1 + 19^1 + 25^2 = 21 + 41 + 161 + 191 + 252 \\ 666 &:= 2^1 + 10^1 + 14^1 + 15^1 + 25^2 = 21 + 101 + 141 + 151 + 252 & 666 &:= 2^1 + 4^1 + 17^1 + 18^1 + 25^2 = 21 + 41 + 171 + 181 + 252 \\ 666 &:= 2^1 + 11^1 + 11^1 + 17^1 + 25^2 = 21 + 111 + 111 + 171 + 252 & 666 &:= 2^1 + 4^1 + 8^1 + 25^2 + 27^1 = 21 + 41 + 81 + 252 + 271 \\ 666 &:= 2^1 + 11^1 + 12^1 + 16^1 + 25^2 = 21 + 111 + 121 + 161 + 252 & 666 &:= 2^1 + 4^1 + 9^1 + 25^2 + 26^1 = 21 + 41 + 91 + 252 + 261 \\ 666 &:= 2^1 + 11^1 + 13^1 + 15^1 + 25^2 = 21 + 111 + 131 + 151 + 252 & 666 &:= 2^1 + 4^2 + 13^0 + 22^1 + 25^2 = 21 + 42 + 130 + 221 + 252 \\ 666 &:= 2^1 + 11^1 + 14^1 + 14^1 + 25^2 = 21 + 111 + 141 + 141 + 252 & 666 &:= 2^1 + 5^1 + 10^1 + 24^1 + 25^2 = 21 + 51 + 101 + 241 + 252 \\ 666 &:= 2^1 + 11^2 + 13^1 + 17^0 + 23^2 = 21 + 112 + 131 + 170 + 232 & 666 &:= 2^1 + 5^1 + 11^1 + 23^1 + 25^2 = 21 + 51 + 111 + 231 + 252 \\ 666 &:= 2^1 + 12^1 + 12^1 + 15^1 + 25^2 = 21 + 121 + 121 + 151 + 252 & 666 &:= 2^1 + 5^1 + 12^1 + 22^1 + 25^2 = 21 + 51 + 121 + 221 + 252 \\ 666 &:= 2^1 + 12^1 + 13^1 + 14^1 + 25^2 = 21 + 121 + 131 + 141 + 252 & 666 &:= 2^1 + 5^1 + 13^1 + 21^1 + 25^2 = 21 + 51 + 131 + 211 + 252 \\ 666 &:= 2^1 + 13^0 + 15^1 + 18^2 + 18^2 = 21 + 130 + 151 + 182 + 182 & 666 &:= 2^1 + 5^1 + 14^1 + 20^1 + 25^2 = 21 + 51 + 141 + 201 + 252 \\ 666 &:= 2^1 + 13^1 + 13^1 + 13^1 + 25^2 = 21 + 131 + 131 + 131 + 252 & 666 &:= 2^1 + 5^1 + 15^1 + 19^1 + 25^2 = 21 + 51 + 151 + 191 + 252 \\ 666 &:= 2^1 + 13^1 + 15^0 + 17^2 + 19^2 = 21 + 131 + 150 + 172 + 192 & 666 &:= 2^1 + 5^1 + 16^1 + 18^1 + 25^2 = 21 + 51 + 161 + 181 + 252 \end{aligned}$$

$666 := 2^1 + 5^1 + 17^1 + 17^1 + 25^2 = 21 + 51 + 171 + 171 + 252$	$666 := 2^1 + 9^1 + 11^1 + 19^1 + 25^2 = 21 + 91 + 111 + 191 + 252$
$666 := 2^1 + 5^1 + 7^1 + 25^2 + 27^1 = 21 + 51 + 71 + 252 + 271$	$666 := 2^1 + 9^1 + 12^1 + 18^1 + 25^2 = 21 + 91 + 121 + 181 + 252$
$666 := 2^1 + 5^1 + 8^1 + 25^2 + 26^1 = 21 + 51 + 81 + 252 + 261$	$666 := 2^1 + 9^1 + 13^1 + 17^1 + 25^2 = 21 + 91 + 131 + 171 + 252$
$666 := 2^1 + 5^1 + 9^1 + 25^1 + 25^2 = 21 + 51 + 91 + 251 + 252$	$666 := 2^1 + 9^1 + 14^1 + 16^1 + 25^2 = 21 + 91 + 141 + 161 + 252$
$666 := 2^1 + 5^2 + 13^1 + 21^0 + 25^2 = 21 + 52 + 131 + 210 + 252$	$666 := 2^1 + 9^1 + 15^1 + 15^1 + 25^2 = 21 + 91 + 151 + 151 + 252$
$666 := 2^1 + 6^1 + 10^1 + 23^1 + 25^2 = 21 + 61 + 101 + 231 + 252$	$666 := 2^1 + 9^1 + 9^1 + 21^1 + 25^2 = 21 + 91 + 91 + 211 + 252$
$666 := 2^1 + 6^1 + 11^1 + 22^1 + 25^2 = 21 + 61 + 111 + 221 + 252$	$666 := 2^2 + 3^0 + 10^1 + 25^2 + 26^1 = 22 + 30 + 101 + 252 + 261$
$666 := 2^1 + 6^1 + 12^1 + 21^1 + 25^2 = 21 + 61 + 121 + 211 + 252$	$666 := 2^2 + 3^0 + 11^1 + 25^1 + 25^2 = 22 + 30 + 111 + 251 + 252$
$666 := 2^1 + 6^1 + 13^1 + 20^1 + 25^2 = 21 + 61 + 131 + 201 + 252$	$666 := 2^2 + 3^0 + 12^1 + 24^1 + 25^2 = 22 + 30 + 121 + 241 + 252$
$666 := 2^1 + 6^1 + 14^1 + 19^1 + 25^2 = 21 + 61 + 141 + 191 + 252$	$666 := 2^2 + 3^0 + 13^1 + 23^1 + 25^2 = 22 + 30 + 131 + 231 + 252$
$666 := 2^1 + 6^1 + 15^1 + 18^1 + 25^2 = 21 + 61 + 151 + 181 + 252$	$666 := 2^2 + 3^0 + 14^1 + 22^1 + 25^2 = 22 + 30 + 141 + 221 + 252$
$666 := 2^1 + 6^1 + 16^1 + 17^1 + 25^2 = 21 + 61 + 161 + 171 + 252$	$666 := 2^2 + 3^0 + 15^1 + 21^1 + 25^2 = 22 + 30 + 151 + 211 + 252$
$666 := 2^1 + 6^1 + 6^1 + 25^2 + 27^1 = 21 + 61 + 61 + 252 + 271$	$666 := 2^2 + 3^0 + 16^1 + 20^1 + 25^2 = 22 + 30 + 161 + 201 + 252$
$666 := 2^1 + 6^1 + 7^1 + 25^2 + 26^1 = 21 + 61 + 71 + 252 + 261$	$666 := 2^2 + 3^0 + 17^1 + 19^1 + 25^2 = 22 + 30 + 171 + 191 + 252$
$666 := 2^1 + 6^1 + 8^1 + 25^1 + 25^2 = 21 + 61 + 81 + 251 + 252$	$666 := 2^2 + 3^0 + 18^1 + 18^1 + 25^2 = 22 + 30 + 181 + 181 + 252$
$666 := 2^1 + 6^1 + 9^1 + 24^1 + 25^2 = 21 + 61 + 91 + 241 + 252$	$666 := 2^2 + 3^0 + 9^1 + 25^2 + 27^1 = 22 + 30 + 91 + 252 + 271$
$666 := 2^1 + 6^1 + 9^2 + 24^2 + 25^0 = 21 + 61 + 92 + 242 + 250$	$666 := 2^5 + 2^8 + 16^1 + 19^2 + 26^0 = 25 + 28 + 161 + 192 + 260$
$666 := 2^1 + 7^1 + 10^1 + 22^1 + 25^2 = 21 + 71 + 101 + 221 + 252$	$666 := 2^8 + 3^5 + 12^2 + 22^1 + 26^0 = 28 + 35 + 122 + 221 + 260$
$666 := 2^1 + 7^1 + 11^1 + 21^1 + 25^2 = 21 + 71 + 111 + 211 + 252$	$666 := 3^0 + 10^1 + 14^2 + 18^1 + 21^2 = 30 + 101 + 142 + 181 + 212$
$666 := 2^1 + 7^1 + 12^1 + 20^1 + 25^2 = 21 + 71 + 121 + 201 + 252$	$666 := 3^0 + 11^1 + 14^2 + 17^1 + 21^2 = 30 + 111 + 142 + 171 + 212$
$666 := 2^1 + 7^1 + 13^1 + 19^1 + 25^2 = 21 + 71 + 131 + 191 + 252$	$666 := 3^0 + 12^1 + 14^2 + 16^1 + 21^2 = 30 + 121 + 142 + 161 + 212$
$666 := 2^1 + 7^1 + 14^1 + 18^1 + 25^2 = 21 + 71 + 141 + 181 + 252$	$666 := 3^0 + 12^2 + 14^2 + 18^2 + 19^0 = 30 + 122 + 142 + 182 + 190$
$666 := 2^1 + 7^1 + 15^1 + 17^1 + 25^2 = 21 + 71 + 151 + 171 + 252$	$666 := 3^0 + 13^1 + 14^2 + 15^1 + 21^2 = 30 + 131 + 142 + 151 + 212$
$666 := 2^1 + 7^1 + 16^1 + 16^1 + 25^2 = 21 + 71 + 161 + 161 + 252$	$666 := 3^0 + 14^1 + 14^1 + 14^2 + 21^2 = 30 + 141 + 141 + 142 + 212$
$666 := 2^1 + 7^1 + 16^2 + 20^2 + 21^0 = 21 + 71 + 162 + 202 + 210$	$666 := 3^0 + 3^1 + 14^2 + 21^2 + 25^1 = 30 + 31 + 142 + 212 + 251$
$666 := 2^1 + 7^1 + 7^1 + 25^1 + 25^2 = 21 + 71 + 71 + 251 + 252$	$666 := 3^0 + 3^3 + 12^1 + 23^0 + 25^2 = 30 + 33 + 121 + 230 + 252$
$666 := 2^1 + 7^1 + 8^1 + 24^1 + 25^2 = 21 + 71 + 81 + 241 + 252$	$666 := 3^0 + 4^1 + 14^2 + 21^2 + 24^1 = 30 + 41 + 142 + 212 + 241$
$666 := 2^1 + 7^1 + 9^1 + 23^1 + 25^2 = 21 + 71 + 91 + 231 + 252$	$666 := 3^0 + 4^2 + 18^2 + 18^2 + 23^0 = 30 + 42 + 182 + 182 + 230$
$666 := 2^1 + 8^1 + 10^1 + 21^1 + 25^2 = 21 + 81 + 101 + 211 + 252$	$666 := 3^0 + 4^3 + 11^0 + 24^1 + 24^2 = 30 + 43 + 110 + 241 + 242$
$666 := 2^1 + 8^1 + 11^1 + 20^1 + 25^2 = 21 + 81 + 111 + 201 + 252$	$666 := 3^0 + 5^1 + 14^2 + 21^2 + 23^1 = 30 + 51 + 142 + 212 + 231$
$666 := 2^1 + 8^1 + 12^1 + 19^1 + 25^2 = 21 + 81 + 121 + 191 + 252$	$666 := 3^0 + 5^3 + 10^1 + 23^2 + 25^0 = 30 + 53 + 101 + 232 + 250$
$666 := 2^1 + 8^1 + 13^1 + 18^1 + 25^2 = 21 + 81 + 131 + 181 + 252$	$666 := 3^0 + 5^4 + 12^1 + 19^0 + 27^1 = 30 + 54 + 121 + 190 + 271$
$666 := 2^1 + 8^1 + 14^1 + 17^1 + 25^2 = 21 + 81 + 141 + 171 + 252$	$666 := 3^0 + 5^4 + 13^1 + 19^0 + 26^1 = 30 + 54 + 131 + 190 + 261$
$666 := 2^1 + 8^1 + 15^1 + 16^1 + 25^2 = 21 + 81 + 151 + 161 + 252$	$666 := 3^0 + 5^4 + 14^1 + 19^0 + 25^1 = 30 + 54 + 141 + 190 + 251$
$666 := 2^1 + 8^1 + 8^1 + 23^1 + 25^2 = 21 + 81 + 81 + 231 + 252$	$666 := 3^0 + 5^4 + 15^1 + 19^0 + 24^1 = 30 + 54 + 151 + 190 + 241$
$666 := 2^1 + 8^1 + 9^1 + 22^1 + 25^2 = 21 + 81 + 91 + 221 + 252$	$666 := 3^0 + 5^4 + 16^1 + 19^0 + 23^1 = 30 + 54 + 161 + 190 + 231$
$666 := 2^1 + 8^2 + 9^0 + 23^1 + 24^2 = 21 + 82 + 90 + 231 + 242$	$666 := 3^0 + 5^4 + 17^1 + 19^0 + 22^1 = 30 + 54 + 171 + 190 + 221$
$666 := 2^1 + 9^1 + 10^1 + 20^1 + 25^2 = 21 + 91 + 101 + 201 + 252$	$666 := 3^0 + 5^4 + 18^1 + 19^0 + 21^1 = 30 + 54 + 181 + 190 + 211$

$666 := 3^0 + 5^4 + 19^0 + 19^1 + 20^1 = 30 + 54 + 190 + 191 + 201$	$666 := 3^1 + 4^1 + 8^1 + 25^2 + 26^1 = 31 + 41 + 81 + 252 + 261$
$666 := 3^0 + 6^1 + 14^2 + 21^2 + 22^1 = 30 + 61 + 142 + 212 + 221$	$666 := 3^1 + 4^1 + 9^1 + 25^1 + 25^2 = 31 + 41 + 91 + 251 + 252$
$666 := 3^0 + 6^2 + 12^2 + 22^2 + 23^0 = 30 + 62 + 122 + 222 + 230$	$666 := 3^1 + 4^2 + 13^0 + 21^1 + 25^2 = 31 + 42 + 130 + 211 + 252$
$666 := 3^0 + 7^1 + 14^2 + 21^1 + 21^2 = 30 + 71 + 142 + 211 + 212$	$666 := 3^1 + 5^1 + 10^1 + 23^1 + 25^2 = 31 + 51 + 101 + 231 + 252$
$666 := 3^0 + 8^1 + 14^2 + 20^1 + 21^2 = 30 + 81 + 142 + 201 + 212$	$666 := 3^1 + 5^1 + 11^1 + 22^1 + 25^2 = 31 + 51 + 111 + 221 + 252$
$666 := 3^0 + 9^1 + 14^2 + 19^1 + 21^2 = 30 + 91 + 142 + 191 + 212$	$666 := 3^1 + 5^1 + 12^1 + 21^1 + 25^2 = 31 + 51 + 121 + 211 + 252$
$666 := 3^1 + 10^1 + 10^1 + 18^1 + 25^2 = 31 + 101 + 101 + 181 + 252$	$666 := 3^1 + 5^1 + 13^1 + 20^1 + 25^2 = 31 + 51 + 131 + 201 + 252$
$666 := 3^1 + 10^1 + 11^1 + 17^1 + 25^2 = 31 + 101 + 111 + 171 + 252$	$666 := 3^1 + 5^1 + 14^1 + 19^1 + 25^2 = 31 + 51 + 141 + 191 + 252$
$666 := 3^1 + 10^1 + 12^1 + 16^1 + 25^2 = 31 + 101 + 121 + 161 + 252$	$666 := 3^1 + 5^1 + 15^1 + 18^1 + 25^2 = 31 + 51 + 151 + 181 + 252$
$666 := 3^1 + 10^1 + 13^1 + 15^1 + 25^2 = 31 + 101 + 131 + 151 + 252$	$666 := 3^1 + 5^1 + 16^1 + 17^1 + 25^2 = 31 + 51 + 161 + 171 + 252$
$666 := 3^1 + 10^1 + 14^1 + 14^1 + 25^2 = 31 + 101 + 141 + 141 + 252$	$666 := 3^1 + 5^1 + 6^1 + 25^2 + 27^1 = 31 + 51 + 61 + 252 + 271$
$666 := 3^1 + 11^1 + 11^1 + 16^1 + 25^2 = 31 + 111 + 111 + 161 + 252$	$666 := 3^1 + 5^1 + 7^1 + 25^2 + 26^1 = 31 + 51 + 71 + 252 + 261$
$666 := 3^1 + 11^1 + 12^1 + 15^1 + 25^2 = 31 + 111 + 121 + 151 + 252$	$666 := 3^1 + 5^1 + 8^1 + 25^1 + 25^2 = 31 + 51 + 81 + 251 + 252$
$666 := 3^1 + 11^1 + 13^1 + 14^1 + 25^2 = 31 + 111 + 131 + 141 + 252$	$666 := 3^1 + 5^1 + 9^1 + 24^1 + 25^2 = 31 + 51 + 91 + 241 + 252$
$666 := 3^1 + 11^2 + 12^1 + 17^0 + 23^2 = 31 + 112 + 121 + 170 + 232$	$666 := 3^1 + 5^1 + 9^2 + 24^2 + 25^0 = 31 + 51 + 92 + 242 + 250$
$666 := 3^1 + 12^1 + 12^1 + 14^1 + 25^2 = 31 + 121 + 121 + 141 + 252$	$666 := 3^1 + 5^2 + 12^1 + 21^0 + 25^2 = 31 + 52 + 121 + 210 + 252$
$666 := 3^1 + 12^1 + 13^1 + 13^1 + 25^2 = 31 + 121 + 131 + 131 + 252$	$666 := 3^1 + 6^1 + 10^1 + 22^1 + 25^2 = 31 + 61 + 101 + 221 + 252$
$666 := 3^1 + 12^1 + 15^0 + 17^2 + 19^2 = 31 + 121 + 150 + 172 + 192$	$666 := 3^1 + 6^1 + 11^1 + 21^1 + 25^2 = 31 + 61 + 111 + 211 + 252$
$666 := 3^1 + 13^0 + 14^1 + 18^2 + 18^2 = 31 + 130 + 141 + 182 + 182$	$666 := 3^1 + 6^1 + 12^1 + 20^1 + 25^2 = 31 + 61 + 121 + 201 + 252$
$666 := 3^1 + 3^1 + 10^1 + 25^1 + 25^2 = 31 + 31 + 101 + 251 + 252$	$666 := 3^1 + 6^1 + 13^1 + 19^1 + 25^2 = 31 + 61 + 131 + 191 + 252$
$666 := 3^1 + 3^1 + 11^1 + 24^1 + 25^2 = 31 + 31 + 111 + 241 + 252$	$666 := 3^1 + 6^1 + 14^1 + 18^1 + 25^2 = 31 + 61 + 141 + 181 + 252$
$666 := 3^1 + 3^1 + 12^1 + 23^1 + 25^2 = 31 + 31 + 121 + 231 + 252$	$666 := 3^1 + 6^1 + 15^1 + 17^1 + 25^2 = 31 + 61 + 151 + 171 + 252$
$666 := 3^1 + 3^1 + 13^1 + 22^1 + 25^2 = 31 + 31 + 131 + 221 + 252$	$666 := 3^1 + 6^1 + 16^1 + 16^1 + 25^2 = 31 + 61 + 161 + 161 + 252$
$666 := 3^1 + 3^1 + 14^1 + 21^1 + 25^2 = 31 + 31 + 141 + 211 + 252$	$666 := 3^1 + 6^1 + 16^2 + 20^2 + 21^0 = 31 + 61 + 162 + 202 + 210$
$666 := 3^1 + 3^1 + 15^1 + 20^1 + 25^2 = 31 + 31 + 151 + 201 + 252$	$666 := 3^1 + 6^1 + 6^1 + 25^2 + 26^1 = 31 + 61 + 61 + 252 + 261$
$666 := 3^1 + 3^1 + 16^1 + 19^1 + 25^2 = 31 + 31 + 161 + 191 + 252$	$666 := 3^1 + 6^1 + 7^1 + 25^1 + 25^2 = 31 + 61 + 71 + 251 + 252$
$666 := 3^1 + 3^1 + 17^1 + 18^1 + 25^2 = 31 + 31 + 171 + 181 + 252$	$666 := 3^1 + 6^1 + 8^1 + 24^1 + 25^2 = 31 + 61 + 81 + 241 + 252$
$666 := 3^1 + 3^1 + 8^1 + 25^2 + 27^1 = 31 + 31 + 81 + 252 + 271$	$666 := 3^1 + 6^1 + 9^1 + 23^1 + 25^2 = 31 + 61 + 91 + 231 + 252$
$666 := 3^1 + 3^1 + 9^1 + 25^2 + 26^1 = 31 + 31 + 91 + 252 + 261$	$666 := 3^1 + 7^1 + 10^1 + 21^1 + 25^2 = 31 + 71 + 101 + 211 + 252$
$666 := 3^1 + 4^1 + 10^1 + 24^1 + 25^2 = 31 + 41 + 101 + 241 + 252$	$666 := 3^1 + 7^1 + 11^1 + 20^1 + 25^2 = 31 + 71 + 111 + 201 + 252$
$666 := 3^1 + 4^1 + 11^1 + 23^1 + 25^2 = 31 + 41 + 111 + 231 + 252$	$666 := 3^1 + 7^1 + 12^1 + 19^1 + 25^2 = 31 + 71 + 121 + 191 + 252$
$666 := 3^1 + 4^1 + 12^1 + 22^1 + 25^2 = 31 + 41 + 121 + 221 + 252$	$666 := 3^1 + 7^1 + 13^1 + 18^1 + 25^2 = 31 + 71 + 131 + 181 + 252$
$666 := 3^1 + 4^1 + 13^1 + 21^1 + 25^2 = 31 + 41 + 131 + 211 + 252$	$666 := 3^1 + 7^1 + 14^1 + 17^1 + 25^2 = 31 + 71 + 141 + 171 + 252$
$666 := 3^1 + 4^1 + 14^1 + 20^1 + 25^2 = 31 + 41 + 141 + 201 + 252$	$666 := 3^1 + 7^1 + 15^1 + 16^1 + 25^2 = 31 + 71 + 151 + 161 + 252$
$666 := 3^1 + 4^1 + 15^1 + 19^1 + 25^2 = 31 + 41 + 151 + 191 + 252$	$666 := 3^1 + 7^1 + 7^1 + 24^1 + 25^2 = 31 + 71 + 71 + 241 + 252$
$666 := 3^1 + 4^1 + 16^1 + 18^1 + 25^2 = 31 + 41 + 161 + 181 + 252$	$666 := 3^1 + 7^1 + 8^1 + 23^1 + 25^2 = 31 + 71 + 81 + 231 + 252$
$666 := 3^1 + 4^1 + 17^1 + 17^1 + 25^2 = 31 + 41 + 171 + 171 + 252$	$666 := 3^1 + 7^1 + 9^1 + 22^1 + 25^2 = 31 + 71 + 91 + 221 + 252$
$666 := 3^1 + 4^1 + 7^1 + 25^2 + 27^1 = 31 + 41 + 71 + 252 + 271$	$666 := 3^1 + 8^1 + 10^1 + 20^1 + 25^2 = 31 + 81 + 101 + 201 + 252$

$$\begin{aligned} 666 &:= 3^1 + 8^1 + 11^1 + 19^1 + 25^2 = 31 + 81 + 111 + 191 + 252 & 666 &:= 4^0 + 4^2 + 18^2 + 18^2 + 22^0 = 40 + 42 + 182 + 182 + 220 \\ 666 &:= 3^1 + 8^1 + 12^1 + 18^1 + 25^2 = 31 + 81 + 121 + 181 + 252 & 666 &:= 4^0 + 4^3 + 10^0 + 24^1 + 24^2 = 40 + 43 + 100 + 241 + 242 \\ 666 &:= 3^1 + 8^1 + 13^1 + 17^1 + 25^2 = 31 + 81 + 131 + 171 + 252 & 666 &:= 4^0 + 5^3 + 10^1 + 23^2 + 24^0 = 40 + 53 + 101 + 232 + 240 \\ 666 &:= 3^1 + 8^1 + 14^1 + 16^1 + 25^2 = 31 + 81 + 141 + 161 + 252 & 666 &:= 4^0 + 5^4 + 12^1 + 18^0 + 27^1 = 40 + 54 + 121 + 180 + 271 \\ 666 &:= 3^1 + 8^1 + 15^1 + 15^1 + 25^2 = 31 + 81 + 151 + 151 + 252 & 666 &:= 4^0 + 5^4 + 13^1 + 18^0 + 26^1 = 40 + 54 + 131 + 180 + 261 \\ 666 &:= 3^1 + 8^1 + 8^1 + 22^1 + 25^2 = 31 + 81 + 81 + 221 + 252 & 666 &:= 4^0 + 5^4 + 14^1 + 18^0 + 25^1 = 40 + 54 + 141 + 180 + 251 \\ 666 &:= 3^1 + 8^1 + 9^1 + 21^1 + 25^2 = 31 + 81 + 91 + 211 + 252 & 666 &:= 4^0 + 5^4 + 15^1 + 18^0 + 24^1 = 40 + 54 + 151 + 180 + 241 \\ 666 &:= 3^1 + 8^2 + 9^0 + 22^1 + 24^2 = 31 + 82 + 90 + 221 + 242 & 666 &:= 4^0 + 5^4 + 16^1 + 18^0 + 23^1 = 40 + 54 + 161 + 180 + 231 \\ 666 &:= 3^1 + 9^1 + 10^1 + 19^1 + 25^2 = 31 + 91 + 101 + 191 + 252 & 666 &:= 4^0 + 5^4 + 17^1 + 18^0 + 22^1 = 40 + 54 + 171 + 180 + 221 \\ 666 &:= 3^1 + 9^1 + 11^1 + 18^1 + 25^2 = 31 + 91 + 111 + 181 + 252 & 666 &:= 4^0 + 5^4 + 18^0 + 18^1 + 21^1 = 40 + 54 + 180 + 181 + 211 \\ 666 &:= 3^1 + 9^1 + 12^1 + 17^1 + 25^2 = 31 + 91 + 121 + 171 + 252 & 666 &:= 4^0 + 5^4 + 18^0 + 19^1 + 20^1 = 40 + 54 + 180 + 191 + 201 \\ 666 &:= 3^1 + 9^1 + 13^1 + 16^1 + 25^2 = 31 + 91 + 131 + 161 + 252 & 666 &:= 4^0 + 6^2 + 12^2 + 22^0 + 22^2 = 40 + 62 + 122 + 220 + 222 \\ 666 &:= 3^1 + 9^1 + 13^2 + 19^0 + 22^2 = 31 + 91 + 132 + 190 + 222 & 666 &:= 4^1 + 10^1 + 10^1 + 17^1 + 25^2 = 41 + 101 + 101 + 171 + 252 \\ 666 &:= 3^1 + 9^1 + 14^1 + 15^1 + 25^2 = 31 + 91 + 141 + 151 + 252 & 666 &:= 4^1 + 10^1 + 11^1 + 16^1 + 25^2 = 41 + 101 + 111 + 161 + 252 \\ 666 &:= 3^1 + 9^1 + 9^1 + 20^1 + 25^2 = 31 + 91 + 91 + 201 + 252 & 666 &:= 4^1 + 10^1 + 12^1 + 15^1 + 25^2 = 41 + 101 + 121 + 151 + 252 \\ 666 &:= 3^2 + 4^1 + 7^0 + 25^2 + 27^1 = 32 + 41 + 70 + 252 + 271 & 666 &:= 4^1 + 10^1 + 13^1 + 14^1 + 25^2 = 41 + 101 + 131 + 141 + 252 \\ 666 &:= 3^2 + 5^1 + 7^0 + 25^2 + 26^1 = 32 + 51 + 70 + 252 + 261 & 666 &:= 4^1 + 11^1 + 11^1 + 15^1 + 25^2 = 41 + 111 + 111 + 151 + 252 \\ 666 &:= 3^2 + 6^1 + 7^0 + 25^1 + 25^2 = 32 + 61 + 70 + 251 + 252 & 666 &:= 4^1 + 11^1 + 11^2 + 17^0 + 23^2 = 41 + 111 + 112 + 170 + 232 \\ 666 &:= 3^2 + 7^0 + 10^1 + 21^1 + 25^2 = 32 + 70 + 101 + 211 + 252 & 666 &:= 4^1 + 11^1 + 12^1 + 14^1 + 25^2 = 41 + 111 + 121 + 141 + 252 \\ 666 &:= 3^2 + 7^0 + 11^1 + 20^1 + 25^2 = 32 + 70 + 111 + 201 + 252 & 666 &:= 4^1 + 11^1 + 13^1 + 13^1 + 25^2 = 41 + 111 + 131 + 131 + 252 \\ 666 &:= 3^2 + 7^0 + 12^1 + 19^1 + 25^2 = 32 + 70 + 121 + 191 + 252 & 666 &:= 4^1 + 11^1 + 15^0 + 17^2 + 19^2 = 41 + 111 + 150 + 172 + 192 \\ 666 &:= 3^2 + 7^0 + 13^1 + 18^1 + 25^2 = 32 + 70 + 131 + 181 + 252 & 666 &:= 4^1 + 12^1 + 12^1 + 13^1 + 25^2 = 41 + 121 + 121 + 131 + 252 \\ 666 &:= 3^2 + 7^0 + 14^1 + 17^1 + 25^2 = 32 + 70 + 141 + 171 + 252 & 666 &:= 4^1 + 13^0 + 13^1 + 18^2 + 18^2 = 41 + 130 + 131 + 182 + 182 \\ 666 &:= 3^2 + 7^0 + 15^1 + 16^1 + 25^2 = 32 + 70 + 151 + 161 + 252 & 666 &:= 4^1 + 4^1 + 10^1 + 23^1 + 25^2 = 41 + 41 + 101 + 231 + 252 \\ 666 &:= 3^2 + 7^0 + 7^1 + 24^1 + 25^2 = 32 + 70 + 71 + 241 + 252 & 666 &:= 4^1 + 4^1 + 11^1 + 22^1 + 25^2 = 41 + 41 + 111 + 221 + 252 \\ 666 &:= 3^2 + 7^0 + 8^1 + 23^1 + 25^2 = 32 + 70 + 81 + 231 + 252 & 666 &:= 4^1 + 4^1 + 12^1 + 21^1 + 25^2 = 41 + 41 + 121 + 211 + 252 \\ 666 &:= 3^2 + 7^0 + 9^1 + 22^1 + 25^2 = 32 + 70 + 91 + 221 + 252 & 666 &:= 4^1 + 4^1 + 13^1 + 20^1 + 25^2 = 41 + 41 + 131 + 201 + 252 \\ 666 &:= 3^3 + 10^0 + 12^1 + 16^0 + 25^2 = 33 + 100 + 121 + 160 + 252 & 666 &:= 4^1 + 4^1 + 14^1 + 19^1 + 25^2 = 41 + 41 + 141 + 191 + 252 \\ 666 &:= 3^3 + 11^0 + 12^1 + 15^0 + 25^2 = 33 + 110 + 121 + 150 + 252 & 666 &:= 4^1 + 4^1 + 15^1 + 18^1 + 25^2 = 41 + 41 + 151 + 181 + 252 \\ 666 &:= 3^3 + 12^0 + 12^1 + 14^0 + 25^2 = 33 + 120 + 121 + 140 + 252 & 666 &:= 4^1 + 4^1 + 16^1 + 17^1 + 25^2 = 41 + 41 + 161 + 171 + 252 \\ 666 &:= 3^3 + 12^1 + 13^0 + 13^0 + 25^2 = 33 + 121 + 130 + 130 + 252 & 666 &:= 4^1 + 4^1 + 6^1 + 25^2 + 27^1 = 41 + 41 + 61 + 252 + 271 \\ 666 &:= 3^3 + 4^0 + 12^1 + 22^0 + 25^2 = 33 + 40 + 121 + 220 + 252 & 666 &:= 4^1 + 4^1 + 7^1 + 25^2 + 26^1 = 41 + 41 + 71 + 252 + 261 \\ 666 &:= 3^3 + 5^0 + 12^1 + 21^0 + 25^2 = 33 + 50 + 121 + 210 + 252 & 666 &:= 4^1 + 4^1 + 8^1 + 25^1 + 25^2 = 41 + 41 + 81 + 251 + 252 \\ 666 &:= 3^3 + 6^0 + 12^1 + 20^0 + 25^2 = 33 + 60 + 121 + 200 + 252 & 666 &:= 4^1 + 4^1 + 9^1 + 24^1 + 25^2 = 41 + 41 + 91 + 241 + 252 \\ 666 &:= 3^3 + 7^0 + 12^1 + 19^0 + 25^2 = 33 + 70 + 121 + 190 + 252 & 666 &:= 4^1 + 4^1 + 9^2 + 24^2 + 25^0 = 41 + 41 + 92 + 242 + 250 \\ 666 &:= 3^3 + 8^0 + 12^1 + 18^0 + 25^2 = 33 + 80 + 121 + 180 + 252 & 666 &:= 4^1 + 4^2 + 13^0 + 20^1 + 25^2 = 41 + 42 + 130 + 201 + 252 \\ 666 &:= 3^3 + 9^0 + 12^1 + 17^0 + 25^2 = 33 + 90 + 121 + 170 + 252 & 666 &:= 4^1 + 5^1 + 10^1 + 22^1 + 25^2 = 41 + 51 + 101 + 221 + 252 \\ 666 &:= 4^0 + 12^2 + 14^2 + 18^0 + 18^2 = 40 + 122 + 142 + 180 + 182 & 666 &:= 4^1 + 5^1 + 11^1 + 21^1 + 25^2 = 41 + 51 + 111 + 211 + 252 \end{aligned}$$

$$\begin{aligned} 666 &:= 4^1 + 5^1 + 12^1 + 20^1 + 25^2 = 41 + 51 + 121 + 201 + 252 & 666 &:= 4^1 + 8^1 + 9^1 + 20^1 + 25^2 = 41 + 81 + 91 + 201 + 252 \\ 666 &:= 4^1 + 5^1 + 13^1 + 19^1 + 25^2 = 41 + 51 + 131 + 191 + 252 & 666 &:= 4^1 + 8^2 + 9^0 + 21^1 + 24^2 = 41 + 82 + 90 + 211 + 242 \\ 666 &:= 4^1 + 5^1 + 14^1 + 18^1 + 25^2 = 41 + 51 + 141 + 181 + 252 & 666 &:= 4^1 + 9^1 + 10^1 + 18^1 + 25^2 = 41 + 91 + 101 + 181 + 252 \\ 666 &:= 4^1 + 5^1 + 15^1 + 17^1 + 25^2 = 41 + 51 + 151 + 171 + 252 & 666 &:= 4^1 + 9^1 + 11^1 + 17^1 + 25^2 = 41 + 91 + 111 + 171 + 252 \\ 666 &:= 4^1 + 5^1 + 16^1 + 16^1 + 25^2 = 41 + 51 + 161 + 161 + 252 & 666 &:= 4^1 + 9^1 + 12^1 + 16^1 + 25^2 = 41 + 91 + 121 + 161 + 252 \\ 666 &:= 4^1 + 5^1 + 16^2 + 20^2 + 21^0 = 41 + 51 + 162 + 202 + 210 & 666 &:= 4^1 + 9^1 + 13^1 + 15^1 + 25^2 = 41 + 91 + 131 + 151 + 252 \\ 666 &:= 4^1 + 5^1 + 5^1 + 25^2 + 27^1 = 41 + 51 + 51 + 252 + 271 & 666 &:= 4^1 + 9^1 + 14^1 + 14^1 + 25^2 = 41 + 91 + 141 + 141 + 252 \\ 666 &:= 4^1 + 5^1 + 6^1 + 25^2 + 26^1 = 41 + 51 + 61 + 252 + 261 & 666 &:= 4^1 + 9^1 + 9^1 + 19^1 + 25^2 = 41 + 91 + 91 + 191 + 252 \\ 666 &:= 4^1 + 5^1 + 7^1 + 25^1 + 25^2 = 41 + 51 + 71 + 251 + 252 & 666 &:= 4^2 + 10^0 + 16^0 + 18^2 + 18^2 = 42 + 100 + 160 + 182 + 182 \\ 666 &:= 4^1 + 5^1 + 8^1 + 24^1 + 25^2 = 41 + 51 + 81 + 241 + 252 & 666 &:= 4^2 + 10^1 + 13^0 + 14^1 + 25^2 = 42 + 101 + 130 + 141 + 252 \\ 666 &:= 4^1 + 5^1 + 9^1 + 23^1 + 25^2 = 41 + 51 + 91 + 231 + 252 & 666 &:= 4^2 + 11^0 + 15^0 + 18^2 + 18^2 = 42 + 110 + 150 + 182 + 182 \\ 666 &:= 4^1 + 5^2 + 11^1 + 21^0 + 25^2 = 41 + 52 + 111 + 210 + 252 & 666 &:= 4^2 + 11^1 + 13^0 + 13^1 + 25^2 = 42 + 111 + 130 + 131 + 252 \\ 666 &:= 4^1 + 6^1 + 10^1 + 21^1 + 25^2 = 41 + 61 + 101 + 211 + 252 & 666 &:= 4^2 + 12^0 + 14^0 + 18^2 + 18^2 = 42 + 120 + 140 + 182 + 182 \\ 666 &:= 4^1 + 6^1 + 11^1 + 20^1 + 25^2 = 41 + 61 + 111 + 201 + 252 & 666 &:= 4^2 + 12^1 + 12^1 + 13^0 + 25^2 = 42 + 121 + 121 + 130 + 252 \\ 666 &:= 4^1 + 6^1 + 12^1 + 19^1 + 25^2 = 41 + 61 + 121 + 191 + 252 & 666 &:= 4^2 + 13^0 + 13^0 + 18^2 + 18^2 = 42 + 130 + 130 + 182 + 182 \\ 666 &:= 4^1 + 6^1 + 13^1 + 18^1 + 25^2 = 41 + 61 + 131 + 181 + 252 & 666 &:= 4^2 + 5^0 + 18^2 + 18^2 + 21^0 = 42 + 50 + 182 + 182 + 210 \\ 666 &:= 4^1 + 6^1 + 14^1 + 17^1 + 25^2 = 41 + 61 + 141 + 171 + 252 & 666 &:= 4^2 + 5^1 + 13^0 + 19^1 + 25^2 = 42 + 51 + 130 + 191 + 252 \\ 666 &:= 4^1 + 6^1 + 15^1 + 16^1 + 25^2 = 41 + 61 + 151 + 161 + 252 & 666 &:= 4^2 + 6^0 + 18^2 + 18^2 + 20^0 = 42 + 60 + 182 + 182 + 200 \\ 666 &:= 4^1 + 6^1 + 6^1 + 25^1 + 25^2 = 41 + 61 + 61 + 251 + 252 & 666 &:= 4^2 + 6^1 + 13^0 + 18^1 + 25^2 = 42 + 61 + 130 + 181 + 252 \\ 666 &:= 4^1 + 6^1 + 7^1 + 24^1 + 25^2 = 41 + 61 + 71 + 241 + 252 & 666 &:= 4^2 + 7^0 + 18^2 + 18^2 + 19^0 = 42 + 70 + 182 + 182 + 190 \\ 666 &:= 4^1 + 6^1 + 8^1 + 23^1 + 25^2 = 41 + 61 + 81 + 231 + 252 & 666 &:= 4^2 + 7^1 + 13^0 + 17^1 + 25^2 = 42 + 71 + 130 + 171 + 252 \\ 666 &:= 4^1 + 6^1 + 9^1 + 22^1 + 25^2 = 41 + 61 + 91 + 221 + 252 & 666 &:= 4^2 + 8^0 + 18^0 + 18^2 + 18^2 = 42 + 80 + 180 + 182 + 182 \\ 666 &:= 4^1 + 7^1 + 10^1 + 20^1 + 25^2 = 41 + 71 + 101 + 201 + 252 & 666 &:= 4^2 + 8^1 + 13^0 + 16^1 + 25^2 = 42 + 81 + 130 + 161 + 252 \\ 666 &:= 4^1 + 7^1 + 11^1 + 19^1 + 25^2 = 41 + 71 + 111 + 191 + 252 & 666 &:= 4^2 + 9^0 + 17^0 + 18^2 + 18^2 = 42 + 90 + 170 + 182 + 182 \\ 666 &:= 4^1 + 7^1 + 12^1 + 18^1 + 25^2 = 41 + 71 + 121 + 181 + 252 & 666 &:= 4^2 + 9^1 + 13^0 + 15^1 + 25^2 = 42 + 91 + 130 + 151 + 252 \\ 666 &:= 4^1 + 7^1 + 13^1 + 17^1 + 25^2 = 41 + 71 + 131 + 171 + 252 & 666 &:= 4^3 + 5^0 + 9^0 + 24^1 + 24^2 = 43 + 50 + 90 + 241 + 242 \\ 666 &:= 4^1 + 7^1 + 14^1 + 16^1 + 25^2 = 41 + 71 + 141 + 161 + 252 & 666 &:= 4^3 + 6^0 + 8^0 + 24^1 + 24^2 = 43 + 60 + 80 + 241 + 242 \\ 666 &:= 4^1 + 7^1 + 15^1 + 15^1 + 25^2 = 41 + 71 + 151 + 151 + 252 & 666 &:= 4^3 + 7^0 + 7^0 + 24^1 + 24^2 = 43 + 70 + 70 + 241 + 242 \\ 666 &:= 4^1 + 7^1 + 7^1 + 23^1 + 25^2 = 41 + 71 + 71 + 231 + 252 & 666 &:= 5^0 + 12^2 + 14^2 + 17^0 + 18^2 = 50 + 122 + 142 + 170 + 182 \\ 666 &:= 4^1 + 7^1 + 8^1 + 22^1 + 25^2 = 41 + 71 + 81 + 221 + 252 & 666 &:= 5^0 + 5^3 + 10^1 + 23^0 + 23^2 = 50 + 53 + 101 + 230 + 232 \\ 666 &:= 4^1 + 7^1 + 9^1 + 21^1 + 25^2 = 41 + 71 + 91 + 211 + 252 & 666 &:= 5^0 + 5^4 + 12^1 + 17^0 + 27^1 = 50 + 54 + 121 + 170 + 271 \\ 666 &:= 4^1 + 8^1 + 10^1 + 19^1 + 25^2 = 41 + 81 + 101 + 191 + 252 & 666 &:= 5^0 + 5^4 + 13^1 + 17^0 + 26^1 = 50 + 54 + 131 + 170 + 261 \\ 666 &:= 4^1 + 8^1 + 11^1 + 18^1 + 25^2 = 41 + 81 + 111 + 181 + 252 & 666 &:= 5^0 + 5^4 + 14^1 + 17^0 + 25^1 = 50 + 54 + 141 + 170 + 251 \\ 666 &:= 4^1 + 8^1 + 12^1 + 17^1 + 25^2 = 41 + 81 + 121 + 171 + 252 & 666 &:= 5^0 + 5^4 + 15^1 + 17^0 + 24^1 = 50 + 54 + 151 + 170 + 241 \\ 666 &:= 4^1 + 8^1 + 13^1 + 16^1 + 25^2 = 41 + 81 + 131 + 161 + 252 & 666 &:= 5^0 + 5^4 + 16^1 + 17^0 + 23^1 = 50 + 54 + 161 + 170 + 231 \\ 666 &:= 4^1 + 8^1 + 13^2 + 19^0 + 22^2 = 41 + 81 + 132 + 190 + 222 & 666 &:= 5^0 + 5^4 + 17^0 + 17^1 + 22^1 = 50 + 54 + 170 + 171 + 221 \\ 666 &:= 4^1 + 8^1 + 14^1 + 15^1 + 25^2 = 41 + 81 + 141 + 151 + 252 & 666 &:= 5^0 + 5^4 + 17^0 + 18^1 + 21^1 = 50 + 54 + 170 + 181 + 211 \\ 666 &:= 4^1 + 8^1 + 8^1 + 21^1 + 25^2 = 41 + 81 + 81 + 211 + 252 & 666 &:= 5^0 + 5^4 + 17^0 + 19^1 + 20^1 = 50 + 54 + 170 + 191 + 201 \end{aligned}$$

$$\begin{aligned} 666 &:= 5^0 + 6^2 + 12^2 + 21^0 + 22^2 = 50 + 62 + 122 + 210 + 222 & 666 &:= 5^1 + 7^1 + 13^2 + 19^0 + 22^2 = 51 + 71 + 132 + 190 + 222 \\ 666 &:= 5^0 + 6^3 + 7^1 + 21^2 + 27^0 = 50 + 63 + 71 + 212 + 270 & 666 &:= 5^1 + 7^1 + 14^1 + 15^1 + 25^2 = 51 + 71 + 141 + 151 + 252 \\ 666 &:= 5^1 + 10^1 + 10^1 + 16^1 + 25^2 = 51 + 101 + 101 + 161 + 252 & 666 &:= 5^1 + 7^1 + 7^1 + 22^1 + 25^2 = 51 + 71 + 71 + 221 + 252 \\ 666 &:= 5^1 + 10^1 + 11^1 + 15^1 + 25^2 = 51 + 101 + 111 + 151 + 252 & 666 &:= 5^1 + 7^1 + 8^1 + 21^1 + 25^2 = 51 + 71 + 81 + 211 + 252 \\ 666 &:= 5^1 + 10^1 + 11^2 + 17^0 + 23^2 = 51 + 101 + 112 + 170 + 232 & 666 &:= 5^1 + 7^1 + 9^1 + 20^1 + 25^2 = 51 + 71 + 91 + 201 + 252 \\ 666 &:= 5^1 + 10^1 + 12^1 + 14^1 + 25^2 = 51 + 101 + 121 + 141 + 252 & 666 &:= 5^1 + 8^1 + 10^1 + 18^1 + 25^2 = 51 + 81 + 101 + 181 + 252 \\ 666 &:= 5^1 + 10^1 + 13^1 + 13^1 + 25^2 = 51 + 101 + 131 + 131 + 252 & 666 &:= 5^1 + 8^1 + 11^1 + 17^1 + 25^2 = 51 + 81 + 111 + 171 + 252 \\ 666 &:= 5^1 + 10^1 + 15^0 + 17^2 + 19^2 = 51 + 101 + 150 + 172 + 192 & 666 &:= 5^1 + 8^1 + 12^1 + 16^1 + 25^2 = 51 + 81 + 121 + 161 + 252 \\ 666 &:= 5^1 + 11^1 + 11^1 + 14^1 + 25^2 = 51 + 111 + 111 + 141 + 252 & 666 &:= 5^1 + 8^1 + 13^1 + 15^1 + 25^2 = 51 + 81 + 131 + 151 + 252 \\ 666 &:= 5^1 + 11^1 + 12^1 + 13^1 + 25^2 = 51 + 111 + 121 + 131 + 252 & 666 &:= 5^1 + 8^1 + 14^1 + 14^1 + 25^2 = 51 + 81 + 141 + 141 + 252 \\ 666 &:= 5^1 + 12^1 + 12^1 + 12^1 + 25^2 = 51 + 121 + 121 + 121 + 252 & 666 &:= 5^1 + 8^1 + 8^1 + 20^1 + 25^2 = 51 + 81 + 81 + 201 + 252 \\ 666 &:= 5^1 + 12^1 + 13^0 + 18^2 + 18^2 = 51 + 121 + 130 + 182 + 182 & 666 &:= 5^1 + 8^1 + 9^1 + 19^1 + 25^2 = 51 + 81 + 91 + 191 + 252 \\ 666 &:= 5^1 + 5^1 + 10^1 + 21^1 + 25^2 = 51 + 51 + 101 + 211 + 252 & 666 &:= 5^1 + 8^2 + 9^0 + 20^1 + 24^2 = 51 + 82 + 90 + 201 + 242 \\ 666 &:= 5^1 + 5^1 + 11^1 + 20^1 + 25^2 = 51 + 51 + 111 + 201 + 252 & 666 &:= 5^1 + 9^1 + 10^1 + 17^1 + 25^2 = 51 + 91 + 101 + 171 + 252 \\ 666 &:= 5^1 + 5^1 + 12^1 + 19^1 + 25^2 = 51 + 51 + 121 + 191 + 252 & 666 &:= 5^1 + 9^1 + 11^1 + 16^1 + 25^2 = 51 + 91 + 111 + 161 + 252 \\ 666 &:= 5^1 + 5^1 + 13^1 + 18^1 + 25^2 = 51 + 51 + 131 + 181 + 252 & 666 &:= 5^1 + 9^1 + 12^1 + 15^1 + 25^2 = 51 + 91 + 121 + 151 + 252 \\ 666 &:= 5^1 + 5^1 + 14^1 + 17^1 + 25^2 = 51 + 51 + 141 + 171 + 252 & 666 &:= 5^1 + 9^1 + 13^1 + 14^1 + 25^2 = 51 + 91 + 131 + 141 + 252 \\ 666 &:= 5^1 + 5^1 + 15^1 + 16^1 + 25^2 = 51 + 51 + 151 + 161 + 252 & 666 &:= 5^1 + 9^1 + 9^1 + 18^1 + 25^2 = 51 + 91 + 91 + 181 + 252 \\ 666 &:= 5^1 + 5^1 + 5^1 + 25^2 + 26^1 = 51 + 51 + 51 + 252 + 261 & 666 &:= 5^2 + 6^1 + 9^1 + 21^0 + 25^2 = 52 + 61 + 91 + 210 + 252 \\ 666 &:= 5^1 + 5^1 + 6^1 + 25^1 + 25^2 = 51 + 51 + 61 + 251 + 252 & 666 &:= 5^2 + 7^1 + 8^1 + 21^0 + 25^2 = 52 + 71 + 81 + 210 + 252 \\ 666 &:= 5^1 + 5^1 + 7^1 + 24^1 + 25^2 = 51 + 51 + 71 + 241 + 252 & 666 &:= 5^3 + 10^0 + 10^1 + 18^0 + 23^2 = 53 + 100 + 101 + 180 + 232 \\ 666 &:= 5^1 + 5^1 + 8^1 + 23^1 + 25^2 = 51 + 51 + 81 + 231 + 252 & 666 &:= 5^3 + 10^1 + 11^0 + 17^0 + 23^2 = 53 + 101 + 110 + 170 + 232 \\ 666 &:= 5^1 + 5^1 + 9^1 + 22^1 + 25^2 = 51 + 51 + 91 + 221 + 252 & 666 &:= 5^3 + 10^1 + 12^0 + 16^0 + 23^2 = 53 + 101 + 120 + 160 + 232 \\ 666 &:= 5^1 + 5^2 + 10^1 + 21^0 + 25^2 = 51 + 52 + 101 + 210 + 252 & 666 &:= 5^3 + 10^1 + 13^0 + 15^0 + 23^2 = 53 + 101 + 130 + 150 + 232 \\ 666 &:= 5^1 + 6^1 + 10^1 + 20^1 + 25^2 = 51 + 61 + 101 + 201 + 252 & 666 &:= 5^3 + 10^1 + 14^0 + 14^0 + 23^2 = 53 + 101 + 140 + 140 + 232 \\ 666 &:= 5^1 + 6^1 + 11^1 + 19^1 + 25^2 = 51 + 61 + 111 + 191 + 252 & 666 &:= 5^3 + 6^0 + 10^1 + 22^0 + 23^2 = 53 + 60 + 101 + 220 + 232 \\ 666 &:= 5^1 + 6^1 + 12^1 + 18^1 + 25^2 = 51 + 61 + 121 + 181 + 252 & 666 &:= 5^3 + 7^0 + 10^1 + 21^0 + 23^2 = 53 + 70 + 101 + 210 + 232 \\ 666 &:= 5^1 + 6^1 + 13^1 + 17^1 + 25^2 = 51 + 61 + 131 + 171 + 252 & 666 &:= 5^3 + 8^0 + 10^1 + 20^0 + 23^2 = 53 + 80 + 101 + 200 + 232 \\ 666 &:= 5^1 + 6^1 + 14^1 + 16^1 + 25^2 = 51 + 61 + 141 + 161 + 252 & 666 &:= 5^3 + 9^0 + 10^1 + 19^0 + 23^2 = 53 + 90 + 101 + 190 + 232 \\ 666 &:= 5^1 + 6^1 + 15^1 + 15^1 + 25^2 = 51 + 61 + 151 + 151 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 12^1 + 27^1 = 54 + 100 + 120 + 121 + 271 \\ 666 &:= 5^1 + 6^1 + 6^1 + 24^1 + 25^2 = 51 + 61 + 61 + 241 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 13^1 + 26^1 = 54 + 100 + 120 + 131 + 261 \\ 666 &:= 5^1 + 6^1 + 7^1 + 23^1 + 25^2 = 51 + 61 + 71 + 231 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 14^1 + 25^1 = 54 + 100 + 120 + 141 + 251 \\ 666 &:= 5^1 + 6^1 + 8^1 + 22^1 + 25^2 = 51 + 61 + 81 + 221 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 15^1 + 24^1 = 54 + 100 + 120 + 151 + 241 \\ 666 &:= 5^1 + 6^1 + 9^1 + 21^1 + 25^2 = 51 + 61 + 91 + 211 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 16^1 + 23^1 = 54 + 100 + 120 + 161 + 231 \\ 666 &:= 5^1 + 7^1 + 10^1 + 19^1 + 25^2 = 51 + 71 + 101 + 191 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 17^1 + 22^1 = 54 + 100 + 120 + 171 + 221 \\ 666 &:= 5^1 + 7^1 + 11^1 + 18^1 + 25^2 = 51 + 71 + 111 + 181 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 18^1 + 21^1 = 54 + 100 + 120 + 181 + 211 \\ 666 &:= 5^1 + 7^1 + 12^1 + 17^1 + 25^2 = 51 + 71 + 121 + 171 + 252 & 666 &:= 5^4 + 10^0 + 12^0 + 19^1 + 20^1 = 54 + 100 + 120 + 191 + 201 \\ 666 &:= 5^1 + 7^1 + 13^1 + 16^1 + 25^2 = 51 + 71 + 131 + 161 + 252 & 666 &:= 5^4 + 11^0 + 11^0 + 12^1 + 27^1 = 54 + 110 + 110 + 121 + 271 \end{aligned}$$

$$\begin{aligned} 666 &:= 5^4 + 11^0 + 11^0 + 13^1 + 26^1 = 54 + 110 + 110 + 131 + 261 & 666 &:= 5^4 + 9^0 + 13^0 + 19^1 + 20^1 = 54 + 90 + 130 + 191 + 201 \\ 666 &:= 5^4 + 11^0 + 11^0 + 14^1 + 25^1 = 54 + 110 + 110 + 141 + 251 & 666 &:= 6^0 + 12^2 + 14^2 + 16^0 + 18^2 = 60 + 122 + 142 + 160 + 182 \\ 666 &:= 5^4 + 11^0 + 11^0 + 15^1 + 24^1 = 54 + 110 + 110 + 151 + 241 & 666 &:= 6^0 + 6^2 + 12^2 + 20^0 + 22^2 = 60 + 62 + 122 + 200 + 222 \\ 666 &:= 5^4 + 11^0 + 11^0 + 16^1 + 23^1 = 54 + 110 + 110 + 161 + 231 & 666 &:= 6^0 + 6^3 + 7^1 + 21^2 + 26^0 = 60 + 63 + 71 + 212 + 260 \\ 666 &:= 5^4 + 11^0 + 11^0 + 17^1 + 22^1 = 54 + 110 + 110 + 171 + 221 & 666 &:= 6^1 + 10^1 + 10^1 + 15^1 + 25^2 = 61 + 101 + 101 + 151 + 252 \\ 666 &:= 5^4 + 11^0 + 11^0 + 18^1 + 21^1 = 54 + 110 + 110 + 181 + 211 & 666 &:= 6^1 + 10^1 + 11^1 + 14^1 + 25^2 = 61 + 101 + 111 + 141 + 252 \\ 666 &:= 5^4 + 11^0 + 11^0 + 19^1 + 20^1 = 54 + 110 + 110 + 191 + 201 & 666 &:= 6^1 + 10^1 + 12^1 + 13^1 + 25^2 = 61 + 101 + 121 + 131 + 252 \\ 666 &:= 5^4 + 6^0 + 12^1 + 16^0 + 27^1 = 54 + 60 + 121 + 160 + 271 & 666 &:= 6^1 + 11^1 + 11^1 + 13^1 + 25^2 = 61 + 111 + 111 + 131 + 252 \\ 666 &:= 5^4 + 6^0 + 13^1 + 16^0 + 26^1 = 54 + 60 + 131 + 160 + 261 & 666 &:= 6^1 + 11^1 + 12^1 + 12^1 + 25^2 = 61 + 111 + 121 + 121 + 252 \\ 666 &:= 5^4 + 6^0 + 14^1 + 16^0 + 25^1 = 54 + 60 + 141 + 160 + 251 & 666 &:= 6^1 + 11^1 + 13^0 + 18^2 + 18^2 = 61 + 111 + 130 + 182 + 182 \\ 666 &:= 5^4 + 6^0 + 15^1 + 16^0 + 24^1 = 54 + 60 + 151 + 160 + 241 & 666 &:= 6^1 + 6^1 + 10^1 + 19^1 + 25^2 = 61 + 61 + 101 + 191 + 252 \\ 666 &:= 5^4 + 6^0 + 16^0 + 16^1 + 23^1 = 54 + 60 + 160 + 161 + 231 & 666 &:= 6^1 + 6^1 + 11^1 + 18^1 + 25^2 = 61 + 61 + 111 + 181 + 252 \\ 666 &:= 5^4 + 6^0 + 16^0 + 17^1 + 22^1 = 54 + 60 + 160 + 171 + 221 & 666 &:= 6^1 + 6^1 + 12^1 + 17^1 + 25^2 = 61 + 61 + 121 + 171 + 252 \\ 666 &:= 5^4 + 6^0 + 16^0 + 18^1 + 21^1 = 54 + 60 + 160 + 181 + 211 & 666 &:= 6^1 + 6^1 + 13^1 + 16^1 + 25^2 = 61 + 61 + 131 + 161 + 252 \\ 666 &:= 5^4 + 6^0 + 16^0 + 19^1 + 20^1 = 54 + 60 + 160 + 191 + 201 & 666 &:= 6^1 + 6^1 + 13^2 + 19^0 + 22^2 = 61 + 61 + 132 + 190 + 222 \\ 666 &:= 5^4 + 7^0 + 12^1 + 15^0 + 27^1 = 54 + 70 + 121 + 150 + 271 & 666 &:= 6^1 + 6^1 + 14^1 + 15^1 + 25^2 = 61 + 61 + 141 + 151 + 252 \\ 666 &:= 5^4 + 7^0 + 13^1 + 15^0 + 26^1 = 54 + 70 + 131 + 150 + 261 & 666 &:= 6^1 + 6^1 + 6^1 + 23^1 + 25^2 = 61 + 61 + 61 + 231 + 252 \\ 666 &:= 5^4 + 7^0 + 14^1 + 15^0 + 25^1 = 54 + 70 + 141 + 150 + 251 & 666 &:= 6^1 + 6^1 + 7^1 + 22^1 + 25^2 = 61 + 61 + 71 + 221 + 252 \\ 666 &:= 5^4 + 7^0 + 15^0 + 15^1 + 24^1 = 54 + 70 + 150 + 151 + 241 & 666 &:= 6^1 + 6^1 + 8^1 + 21^1 + 25^2 = 61 + 61 + 81 + 211 + 252 \\ 666 &:= 5^4 + 7^0 + 15^0 + 16^1 + 23^1 = 54 + 70 + 150 + 161 + 231 & 666 &:= 6^1 + 6^1 + 9^1 + 20^1 + 25^2 = 61 + 61 + 91 + 201 + 252 \\ 666 &:= 5^4 + 7^0 + 15^0 + 17^1 + 22^1 = 54 + 70 + 150 + 171 + 221 & 666 &:= 6^1 + 7^1 + 10^1 + 18^1 + 25^2 = 61 + 71 + 101 + 181 + 252 \\ 666 &:= 5^4 + 7^0 + 15^0 + 18^1 + 21^1 = 54 + 70 + 150 + 181 + 211 & 666 &:= 6^1 + 7^1 + 11^1 + 17^1 + 25^2 = 61 + 71 + 111 + 171 + 252 \\ 666 &:= 5^4 + 7^0 + 15^0 + 19^1 + 20^1 = 54 + 70 + 150 + 191 + 201 & 666 &:= 6^1 + 7^1 + 12^1 + 16^1 + 25^2 = 61 + 71 + 121 + 161 + 252 \\ 666 &:= 5^4 + 8^0 + 12^1 + 14^0 + 27^1 = 54 + 80 + 121 + 140 + 271 & 666 &:= 6^1 + 7^1 + 13^1 + 15^1 + 25^2 = 61 + 71 + 131 + 151 + 252 \\ 666 &:= 5^4 + 8^0 + 13^1 + 14^0 + 26^1 = 54 + 80 + 131 + 140 + 261 & 666 &:= 6^1 + 7^1 + 14^1 + 14^1 + 25^2 = 61 + 71 + 141 + 141 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 14^1 + 25^1 = 54 + 80 + 140 + 141 + 251 & 666 &:= 6^1 + 7^1 + 7^1 + 21^1 + 25^2 = 61 + 71 + 71 + 211 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 15^1 + 24^1 = 54 + 80 + 140 + 151 + 241 & 666 &:= 6^1 + 7^1 + 8^1 + 20^1 + 25^2 = 61 + 71 + 81 + 201 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 16^1 + 23^1 = 54 + 80 + 140 + 161 + 231 & 666 &:= 6^1 + 7^1 + 9^1 + 19^1 + 25^2 = 61 + 71 + 91 + 191 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 17^1 + 22^1 = 54 + 80 + 140 + 171 + 221 & 666 &:= 6^1 + 8^1 + 10^1 + 17^1 + 25^2 = 61 + 81 + 101 + 171 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 18^1 + 21^1 = 54 + 80 + 140 + 181 + 211 & 666 &:= 6^1 + 8^1 + 11^1 + 16^1 + 25^2 = 61 + 81 + 111 + 161 + 252 \\ 666 &:= 5^4 + 8^0 + 14^0 + 19^1 + 20^1 = 54 + 80 + 140 + 191 + 201 & 666 &:= 6^1 + 8^1 + 12^1 + 15^1 + 25^2 = 61 + 81 + 121 + 151 + 252 \\ 666 &:= 5^4 + 9^0 + 12^1 + 13^0 + 27^1 = 54 + 90 + 121 + 130 + 271 & 666 &:= 6^1 + 8^1 + 13^1 + 14^1 + 25^2 = 61 + 81 + 131 + 141 + 252 \\ 666 &:= 5^4 + 9^0 + 13^0 + 13^1 + 26^1 = 54 + 90 + 130 + 131 + 261 & 666 &:= 6^1 + 8^1 + 8^1 + 19^1 + 25^2 = 61 + 81 + 81 + 191 + 252 \\ 666 &:= 5^4 + 9^0 + 13^0 + 14^1 + 25^1 = 54 + 90 + 130 + 141 + 251 & 666 &:= 6^1 + 8^1 + 9^1 + 18^1 + 25^2 = 61 + 81 + 91 + 181 + 252 \\ 666 &:= 5^4 + 9^0 + 13^0 + 15^1 + 24^1 = 54 + 90 + 130 + 151 + 241 & 666 &:= 6^1 + 8^2 + 9^0 + 19^1 + 24^2 = 61 + 82 + 90 + 191 + 242 \\ 666 &:= 5^4 + 9^0 + 13^0 + 16^1 + 23^1 = 54 + 90 + 130 + 161 + 231 & 666 &:= 6^1 + 9^1 + 10^1 + 16^1 + 25^2 = 61 + 91 + 101 + 161 + 252 \\ 666 &:= 5^4 + 9^0 + 13^0 + 17^1 + 22^1 = 54 + 90 + 130 + 171 + 221 & 666 &:= 6^1 + 9^1 + 11^1 + 15^1 + 25^2 = 61 + 91 + 111 + 151 + 252 \\ 666 &:= 5^4 + 9^0 + 13^0 + 18^1 + 21^1 = 54 + 90 + 130 + 181 + 211 & 666 &:= 6^1 + 9^1 + 11^2 + 17^0 + 23^2 = 61 + 91 + 112 + 170 + 232 \end{aligned}$$

$$\begin{aligned} 666 &:= 6^1 + 9^1 + 12^1 + 14^1 + 25^2 = 61 + 91 + 121 + 141 + 252 & 666 &:= 7^1 + 8^1 + 13^1 + 13^1 + 25^2 = 71 + 81 + 131 + 131 + 252 \\ 666 &:= 6^1 + 9^1 + 13^1 + 13^1 + 25^2 = 61 + 91 + 131 + 131 + 252 & 666 &:= 7^1 + 8^1 + 15^0 + 17^2 + 19^2 = 71 + 81 + 150 + 172 + 192 \\ 666 &:= 6^1 + 9^1 + 15^0 + 17^2 + 19^2 = 61 + 91 + 150 + 172 + 192 & 666 &:= 7^1 + 8^1 + 8^1 + 18^1 + 25^2 = 71 + 81 + 81 + 181 + 252 \\ 666 &:= 6^1 + 9^1 + 9^1 + 17^1 + 25^2 = 61 + 91 + 91 + 171 + 252 & 666 &:= 7^1 + 8^1 + 9^1 + 17^1 + 25^2 = 71 + 81 + 91 + 171 + 252 \\ 666 &:= 6^2 + 10^0 + 12^2 + 16^0 + 22^2 = 62 + 100 + 122 + 160 + 222 & 666 &:= 7^1 + 8^2 + 9^0 + 18^1 + 24^2 = 71 + 82 + 90 + 181 + 242 \\ 666 &:= 6^2 + 11^0 + 12^2 + 15^0 + 22^2 = 62 + 110 + 122 + 150 + 222 & 666 &:= 7^1 + 9^1 + 10^1 + 15^1 + 25^2 = 71 + 91 + 101 + 151 + 252 \\ 666 &:= 6^2 + 12^0 + 12^2 + 14^0 + 22^2 = 62 + 120 + 122 + 140 + 222 & 666 &:= 7^1 + 9^1 + 11^1 + 14^1 + 25^2 = 71 + 91 + 111 + 141 + 252 \\ 666 &:= 6^2 + 12^2 + 13^0 + 13^0 + 22^2 = 62 + 122 + 130 + 130 + 222 & 666 &:= 7^1 + 9^1 + 12^1 + 13^1 + 25^2 = 71 + 91 + 121 + 131 + 252 \\ 666 &:= 6^2 + 7^0 + 12^2 + 19^0 + 22^2 = 62 + 70 + 122 + 190 + 222 & 666 &:= 7^1 + 9^1 + 9^1 + 16^1 + 25^2 = 71 + 91 + 91 + 161 + 252 \\ 666 &:= 6^2 + 8^0 + 12^2 + 18^0 + 22^2 = 62 + 80 + 122 + 180 + 222 & 666 &:= 8^0 + 12^2 + 14^0 + 14^2 + 18^2 = 80 + 122 + 140 + 142 + 182 \\ 666 &:= 6^2 + 9^0 + 12^2 + 17^0 + 22^2 = 62 + 90 + 122 + 170 + 222 & 666 &:= 8^1 + 10^1 + 10^1 + 13^1 + 25^2 = 81 + 101 + 101 + 131 + 252 \\ 666 &:= 6^3 + 7^0 + 7^1 + 21^2 + 25^0 = 63 + 70 + 71 + 212 + 250 & 666 &:= 8^1 + 10^1 + 11^1 + 12^1 + 25^2 = 81 + 101 + 111 + 121 + 252 \\ 666 &:= 6^3 + 7^1 + 10^0 + 21^2 + 22^0 = 63 + 71 + 100 + 212 + 220 & 666 &:= 8^1 + 11^1 + 11^1 + 11^1 + 25^2 = 81 + 111 + 111 + 111 + 252 \\ 666 &:= 6^3 + 7^1 + 11^0 + 21^0 + 21^2 = 63 + 71 + 110 + 210 + 212 & 666 &:= 8^1 + 8^1 + 10^1 + 15^1 + 25^2 = 81 + 81 + 101 + 151 + 252 \\ 666 &:= 6^3 + 7^1 + 12^0 + 20^0 + 21^2 = 63 + 71 + 120 + 200 + 212 & 666 &:= 8^1 + 8^1 + 11^1 + 14^1 + 25^2 = 81 + 81 + 111 + 141 + 252 \\ 666 &:= 6^3 + 7^1 + 13^0 + 19^0 + 21^2 = 63 + 71 + 130 + 190 + 212 & 666 &:= 8^1 + 8^1 + 12^1 + 13^1 + 25^2 = 81 + 81 + 121 + 131 + 252 \\ 666 &:= 6^3 + 7^1 + 14^0 + 18^0 + 21^2 = 63 + 71 + 140 + 180 + 212 & 666 &:= 8^1 + 8^1 + 8^1 + 17^1 + 25^2 = 81 + 81 + 81 + 171 + 252 \\ 666 &:= 6^3 + 7^1 + 15^0 + 17^0 + 21^2 = 63 + 71 + 150 + 170 + 212 & 666 &:= 8^1 + 8^1 + 9^1 + 16^1 + 25^2 = 81 + 81 + 91 + 161 + 252 \\ 666 &:= 6^3 + 7^1 + 16^0 + 16^0 + 21^2 = 63 + 71 + 160 + 160 + 212 & 666 &:= 8^1 + 8^2 + 9^0 + 17^1 + 24^2 = 81 + 82 + 90 + 171 + 242 \\ 666 &:= 6^3 + 7^1 + 8^0 + 21^2 + 24^0 = 63 + 71 + 80 + 212 + 240 & 666 &:= 8^1 + 8^3 + 11^0 + 12^2 + 27^0 = 81 + 83 + 110 + 122 + 270 \\ 666 &:= 6^3 + 7^1 + 9^0 + 21^2 + 23^0 = 63 + 71 + 90 + 212 + 230 & 666 &:= 8^1 + 8^3 + 12^0 + 12^2 + 26^0 = 81 + 83 + 120 + 122 + 260 \\ 666 &:= 7^0 + 12^2 + 14^2 + 15^0 + 18^2 = 70 + 122 + 142 + 150 + 182 & 666 &:= 8^1 + 8^3 + 12^2 + 13^0 + 25^0 = 81 + 83 + 122 + 130 + 250 \\ 666 &:= 7^1 + 10^1 + 10^1 + 14^1 + 25^2 = 71 + 101 + 101 + 141 + 252 & 666 &:= 8^1 + 8^3 + 12^2 + 14^0 + 24^0 = 81 + 83 + 122 + 140 + 240 \\ 666 &:= 7^1 + 10^1 + 11^1 + 13^1 + 25^2 = 71 + 101 + 111 + 131 + 252 & 666 &:= 8^1 + 8^3 + 12^2 + 15^0 + 23^0 = 81 + 83 + 122 + 150 + 230 \\ 666 &:= 7^1 + 10^1 + 12^1 + 12^1 + 25^2 = 71 + 101 + 121 + 121 + 252 & 666 &:= 8^1 + 8^3 + 12^2 + 16^0 + 22^0 = 81 + 83 + 122 + 160 + 220 \\ 666 &:= 7^1 + 10^1 + 13^0 + 18^2 + 18^2 = 71 + 101 + 130 + 182 + 182 & 666 &:= 8^1 + 8^3 + 12^2 + 17^0 + 21^0 = 81 + 83 + 122 + 170 + 210 \\ 666 &:= 7^1 + 11^1 + 11^1 + 12^1 + 25^2 = 71 + 111 + 111 + 121 + 252 & 666 &:= 8^1 + 8^3 + 12^2 + 18^0 + 20^0 = 81 + 83 + 122 + 180 + 200 \\ 666 &:= 7^1 + 7^1 + 10^1 + 17^1 + 25^2 = 71 + 71 + 101 + 171 + 252 & 666 &:= 8^1 + 8^3 + 12^2 + 19^0 + 19^0 = 81 + 83 + 122 + 190 + 190 \\ 666 &:= 7^1 + 7^1 + 11^1 + 16^1 + 25^2 = 71 + 71 + 111 + 161 + 252 & 666 &:= 8^1 + 9^1 + 10^1 + 14^1 + 25^2 = 81 + 91 + 101 + 141 + 252 \\ 666 &:= 7^1 + 7^1 + 12^1 + 15^1 + 25^2 = 71 + 71 + 121 + 151 + 252 & 666 &:= 8^1 + 9^1 + 11^1 + 13^1 + 25^2 = 81 + 91 + 111 + 131 + 252 \\ 666 &:= 7^1 + 7^1 + 13^1 + 14^1 + 25^2 = 71 + 71 + 131 + 141 + 252 & 666 &:= 8^1 + 9^1 + 12^1 + 12^1 + 25^2 = 81 + 91 + 121 + 121 + 252 \\ 666 &:= 7^1 + 7^1 + 7^1 + 20^1 + 25^2 = 71 + 71 + 71 + 201 + 252 & 666 &:= 8^1 + 9^1 + 13^0 + 18^2 + 18^2 = 81 + 91 + 130 + 182 + 182 \\ 666 &:= 7^1 + 7^1 + 8^1 + 19^1 + 25^2 = 71 + 71 + 81 + 191 + 252 & 666 &:= 8^1 + 9^1 + 9^1 + 15^1 + 25^2 = 81 + 91 + 91 + 151 + 252 \\ 666 &:= 7^1 + 7^1 + 9^1 + 18^1 + 25^2 = 71 + 71 + 91 + 181 + 252 & 666 &:= 8^2 + 9^0 + 10^1 + 15^1 + 24^2 = 82 + 90 + 101 + 151 + 242 \\ 666 &:= 7^1 + 8^1 + 10^1 + 16^1 + 25^2 = 71 + 81 + 101 + 161 + 252 & 666 &:= 8^2 + 9^0 + 11^1 + 14^1 + 24^2 = 82 + 90 + 111 + 141 + 242 \\ 666 &:= 7^1 + 8^1 + 11^1 + 15^1 + 25^2 = 71 + 81 + 111 + 151 + 252 & 666 &:= 8^2 + 9^0 + 12^1 + 13^1 + 24^2 = 82 + 90 + 121 + 131 + 242 \\ 666 &:= 7^1 + 8^1 + 11^2 + 17^0 + 23^2 = 71 + 81 + 112 + 170 + 232 & 666 &:= 8^2 + 9^0 + 9^1 + 16^1 + 24^2 = 82 + 90 + 91 + 161 + 242 \\ 666 &:= 7^1 + 8^1 + 12^1 + 14^1 + 25^2 = 71 + 81 + 121 + 141 + 252 & 666 &:= 9^0 + 12^2 + 13^0 + 14^2 + 18^2 = 90 + 122 + 130 + 142 + 182 \end{aligned}$$

$$\begin{aligned} 666 &:= 9^1 + 10^1 + 10^1 + 12^1 + 25^2 = 91 + 101 + 101 + 121 + 252 \\ 666 &:= 9^1 + 10^1 + 11^1 + 11^1 + 25^2 = 91 + 101 + 111 + 111 + 252 \\ 666 &:= 9^1 + 9^1 + 10^1 + 13^1 + 25^2 = 91 + 91 + 101 + 131 + 252 \end{aligned}$$

$$\begin{aligned} 666 &:= 9^1 + 9^1 + 11^1 + 12^1 + 25^2 = 91 + 91 + 111 + 121 + 252 \\ 666 &:= 9^1 + 9^1 + 9^1 + 14^1 + 25^2 = 91 + 91 + 91 + 141 + 252 \end{aligned}$$

2.2.568 Number 667

$$\begin{aligned} 667 &:= 1^2 + 5^4 + 20^0 + 40^1 = 12 + 54 + 200 + 401 \\ 667 &:= 2^2 + 5^4 + 22^0 + 37^1 = 22 + 54 + 220 + 371 \\ 667 &:= 2^4 + 14^0 + 25^1 + 25^2 = 24 + 140 + 251 + 252 \\ 667 &:= 2^7 + 2^9 + 26^1 + 35^0 = 27 + 29 + 261 + 350 \\ 667 &:= 3^2 + 5^4 + 26^0 + 32^1 = 32 + 54 + 260 + 321 \\ 667 &:= 3^2 + 6^3 + 21^2 + 36^0 = 32 + 63 + 212 + 360 \\ 667 &:= 3^4 + 9^1 + 24^2 + 30^0 = 34 + 91 + 242 + 300 \\ 667 &:= 4^2 + 5^4 + 25^1 + 32^0 = 42 + 54 + 251 + 320 \\ 667 &:= 4^4 + 10^1 + 20^2 + 32^0 = 44 + 101 + 202 + 320 \\ 667 &:= 5^1 + 5^4 + 6^2 + 50^0 = 51 + 54 + 62 + 500 \\ 667 &:= 5^2 + 5^4 + 16^1 + 40^0 = 52 + 54 + 161 + 400 \\ 667 &:= 5^3 + 10^2 + 21^2 + 30^0 = 53 + 102 + 212 + 300 \\ 667 &:= 5^3 + 8^3 + 24^0 + 29^1 = 53 + 83 + 240 + 291 \\ 667 &:= 6^3 + 15^2 + 15^2 + 30^0 = 63 + 152 + 152 + 300 \\ 667 &:= 1^0 + 2^4 + 14^0 + 24^1 + 25^2 = 10 + 24 + 140 + 241 + 252 \\ 667 &:= 1^1 + 11^2 + 12^2 + 20^2 + 22^0 = 11 + 112 + 122 + 202 + 220 \\ 667 &:= 1^1 + 3^2 + 16^2 + 20^2 + 26^0 = 11 + 32 + 162 + 202 + 260 \\ 667 &:= 1^1 + 3^3 + 13^1 + 24^0 + 25^2 = 11 + 33 + 131 + 240 + 252 \\ 667 &:= 1^1 + 4^3 + 12^0 + 24^2 + 25^1 = 11 + 43 + 120 + 242 + 251 \\ 667 &:= 1^1 + 5^3 + 11^1 + 23^2 + 26^0 = 11 + 53 + 111 + 232 + 260 \\ 667 &:= 1^1 + 5^4 + 13^1 + 20^0 + 27^1 = 11 + 54 + 131 + 200 + 271 \\ 667 &:= 1^1 + 5^4 + 14^1 + 20^0 + 26^1 = 11 + 54 + 141 + 200 + 261 \\ 667 &:= 1^1 + 5^4 + 15^1 + 20^0 + 25^1 = 11 + 54 + 151 + 200 + 251 \\ 667 &:= 1^1 + 5^4 + 16^1 + 20^0 + 24^1 = 11 + 54 + 161 + 200 + 241 \\ 667 &:= 1^1 + 5^4 + 17^1 + 20^0 + 23^1 = 11 + 54 + 171 + 200 + 231 \\ 667 &:= 1^1 + 5^4 + 18^1 + 20^0 + 22^1 = 11 + 54 + 181 + 200 + 221 \\ 667 &:= 1^1 + 5^4 + 19^1 + 20^0 + 21^1 = 11 + 54 + 191 + 200 + 211 \\ 667 &:= 1^1 + 5^4 + 20^0 + 20^1 + 20^1 = 11 + 54 + 200 + 201 + 201 \\ 667 &:= 1^1 + 6^2 + 10^2 + 23^2 + 26^0 = 11 + 62 + 102 + 232 + 260 \\ 667 &:= 1^1 + 9^2 + 10^2 + 22^2 + 24^0 = 11 + 92 + 102 + 222 + 240 \\ 667 &:= 1^2 + 11^2 + 15^1 + 16^0 + 23^2 = 12 + 112 + 151 + 160 + 232 \\ 667 &:= 1^2 + 12^0 + 17^1 + 18^2 + 18^2 = 12 + 120 + 171 + 182 + 182 \end{aligned}$$

$$\begin{aligned} 667 &:= 1^2 + 12^1 + 13^2 + 18^0 + 22^2 = 12 + 121 + 132 + 180 + 222 \\ 667 &:= 1^2 + 14^0 + 15^1 + 17^2 + 19^2 = 12 + 140 + 151 + 172 + 192 \\ 667 &:= 1^2 + 4^2 + 12^0 + 24^1 + 25^2 = 12 + 42 + 120 + 241 + 252 \\ 667 &:= 1^2 + 5^2 + 15^1 + 20^0 + 25^2 = 12 + 52 + 151 + 200 + 252 \\ 667 &:= 1^2 + 8^0 + 8^2 + 24^2 + 25^1 = 12 + 80 + 82 + 242 + 251 \\ 667 &:= 1^2 + 8^1 + 9^2 + 24^0 + 24^2 = 12 + 81 + 92 + 240 + 242 \\ 667 &:= 1^2 + 9^1 + 16^2 + 20^0 + 20^2 = 12 + 91 + 162 + 200 + 202 \\ 667 &:= 1^8 + 2^6 + 13^0 + 24^2 + 25^1 = 18 + 26 + 130 + 242 + 251 \\ 667 &:= 1^9 + 3^3 + 17^2 + 18^2 + 26^1 = 19 + 33 + 172 + 182 + 261 \\ 667 &:= 1^9 + 3^5 + 19^0 + 20^2 + 22^1 = 19 + 35 + 190 + 202 + 221 \\ 667 &:= 1^9 + 5^3 + 15^2 + 17^2 + 27^1 = 19 + 53 + 152 + 172 + 271 \\ 667 &:= 10^0 + 12^1 + 13^2 + 14^2 + 17^2 = 100 + 121 + 132 + 142 + 172 \\ 667 &:= 10^1 + 12^0 + 12^2 + 16^2 + 16^2 = 101 + 120 + 122 + 162 + 162 \\ 667 &:= 2^0 + 10^2 + 12^2 + 20^2 + 22^1 = 20 + 102 + 122 + 202 + 221 \\ 667 &:= 2^0 + 10^2 + 16^2 + 17^2 + 21^1 = 20 + 102 + 162 + 172 + 211 \\ 667 &:= 2^0 + 14^2 + 15^2 + 15^2 + 20^1 = 20 + 142 + 152 + 152 + 201 \\ 667 &:= 2^0 + 2^4 + 13^0 + 24^1 + 25^2 = 20 + 24 + 130 + 241 + 252 \\ 667 &:= 2^0 + 4^2 + 15^2 + 20^2 + 25^1 = 20 + 42 + 152 + 202 + 251 \\ 667 &:= 2^0 + 5^2 + 16^2 + 19^2 + 24^1 = 20 + 52 + 162 + 192 + 241 \\ 667 &:= 2^0 + 6^2 + 11^2 + 22^2 + 25^1 = 20 + 62 + 112 + 222 + 251 \\ 667 &:= 2^0 + 8^2 + 16^2 + 18^2 + 22^1 = 20 + 82 + 162 + 182 + 221 \\ 667 &:= 2^0 + 9^2 + 11^2 + 21^2 + 23^1 = 20 + 92 + 112 + 212 + 231 \\ 667 &:= 2^1 + 12^2 + 14^2 + 18^2 + 20^0 = 21 + 122 + 142 + 182 + 200 \\ 667 &:= 2^1 + 3^3 + 12^1 + 24^0 + 25^2 = 21 + 33 + 121 + 240 + 252 \\ 667 &:= 2^1 + 4^2 + 18^2 + 18^2 + 24^0 = 21 + 42 + 182 + 182 + 240 \\ 667 &:= 2^1 + 4^3 + 12^0 + 24^1 + 24^2 = 21 + 43 + 120 + 241 + 242 \\ 667 &:= 2^1 + 5^3 + 10^1 + 23^2 + 26^0 = 21 + 53 + 101 + 232 + 260 \\ 667 &:= 2^1 + 5^4 + 12^1 + 20^0 + 27^1 = 21 + 54 + 121 + 200 + 271 \\ 667 &:= 2^1 + 5^4 + 13^1 + 20^0 + 26^1 = 21 + 54 + 131 + 200 + 261 \\ 667 &:= 2^1 + 5^4 + 14^1 + 20^0 + 25^1 = 21 + 54 + 141 + 200 + 251 \\ 667 &:= 2^1 + 5^4 + 15^1 + 20^0 + 24^1 = 21 + 54 + 151 + 200 + 241 \\ 667 &:= 2^1 + 5^4 + 16^1 + 20^0 + 23^1 = 21 + 54 + 161 + 200 + 231 \end{aligned}$$

$667 := 2^1 + 5^4 + 17^1 + 20^0 + 22^1 = 21 + 54 + 171 + 200 + 221$	$667 := 2^4 + 4^0 + 11^0 + 24^1 + 25^2 = 24 + 40 + 110 + 241 + 252$
$667 := 2^1 + 5^4 + 18^1 + 20^0 + 21^1 = 21 + 54 + 181 + 200 + 211$	$667 := 2^4 + 5^0 + 10^0 + 24^1 + 25^2 = 24 + 50 + 100 + 241 + 252$
$667 := 2^1 + 5^4 + 19^1 + 20^0 + 20^1 = 21 + 54 + 191 + 200 + 201$	$667 := 2^4 + 6^0 + 9^0 + 24^1 + 25^2 = 24 + 60 + 90 + 241 + 252$
$667 := 2^1 + 6^2 + 12^2 + 22^2 + 24^0 = 21 + 62 + 122 + 222 + 240$	$667 := 2^4 + 7^0 + 8^0 + 24^1 + 25^2 = 24 + 70 + 80 + 241 + 252$
$667 := 2^2 + 11^2 + 12^1 + 18^0 + 23^2 = 22 + 112 + 121 + 180 + 232$	$667 := 2^6 + 2^8 + 18^2 + 21^0 + 22^1 = 26 + 28 + 182 + 210 + 221$
$667 := 2^2 + 12^1 + 16^0 + 17^2 + 19^2 = 22 + 121 + 160 + 172 + 192$	$667 := 2^7 + 2^9 + 10^0 + 25^1 + 26^0 = 27 + 29 + 100 + 251 + 260$
$667 := 2^2 + 14^0 + 14^1 + 18^2 + 18^2 = 22 + 140 + 141 + 182 + 182$	$667 := 2^7 + 2^9 + 11^0 + 25^0 + 25^1 = 27 + 29 + 110 + 250 + 251$
$667 := 2^2 + 4^0 + 14^2 + 21^2 + 25^1 = 22 + 40 + 142 + 212 + 251$	$667 := 2^7 + 2^9 + 12^0 + 24^0 + 25^1 = 27 + 29 + 120 + 240 + 251$
$667 := 2^2 + 4^2 + 14^0 + 21^1 + 25^2 = 22 + 42 + 140 + 211 + 252$	$667 := 2^7 + 2^9 + 13^0 + 23^0 + 25^1 = 27 + 29 + 130 + 230 + 251$
$667 := 2^2 + 5^1 + 9^2 + 24^2 + 26^0 = 22 + 51 + 92 + 242 + 260$	$667 := 2^7 + 2^9 + 14^0 + 22^0 + 25^1 = 27 + 29 + 140 + 220 + 251$
$667 := 2^2 + 5^2 + 12^1 + 22^0 + 25^2 = 22 + 52 + 121 + 220 + 252$	$667 := 2^7 + 2^9 + 15^0 + 21^0 + 25^1 = 27 + 29 + 150 + 210 + 251$
$667 := 2^2 + 6^1 + 16^2 + 20^2 + 22^0 = 22 + 61 + 162 + 202 + 220$	$667 := 2^7 + 2^9 + 16^0 + 20^0 + 25^1 = 27 + 29 + 160 + 200 + 251$
$667 := 2^2 + 8^2 + 10^0 + 22^1 + 24^2 = 22 + 82 + 100 + 221 + 242$	$667 := 2^7 + 2^9 + 17^0 + 19^0 + 25^1 = 27 + 29 + 170 + 190 + 251$
$667 := 2^2 + 9^1 + 13^2 + 20^0 + 22^2 = 22 + 91 + 132 + 200 + 222$	$667 := 2^7 + 2^9 + 18^0 + 18^0 + 25^1 = 27 + 29 + 180 + 180 + 251$
$667 := 2^3 + 4^0 + 9^2 + 24^2 + 27^0 = 23 + 40 + 92 + 242 + 270$	$667 := 2^7 + 2^9 + 9^0 + 25^1 + 27^0 = 27 + 29 + 90 + 251 + 270$
$667 := 2^3 + 5^0 + 9^2 + 24^2 + 26^0 = 23 + 50 + 92 + 242 + 260$	$667 := 3^1 + 3^3 + 11^1 + 24^0 + 25^2 = 31 + 33 + 111 + 240 + 252$
$667 := 2^3 + 6^0 + 10^1 + 23^1 + 25^2 = 23 + 60 + 101 + 231 + 252$	$667 := 3^1 + 4^3 + 12^0 + 23^1 + 24^2 = 31 + 43 + 120 + 231 + 242$
$667 := 2^3 + 6^0 + 11^1 + 22^1 + 25^2 = 23 + 60 + 111 + 221 + 252$	$667 := 3^1 + 5^3 + 9^1 + 23^2 + 26^0 = 31 + 53 + 91 + 232 + 260$
$667 := 2^3 + 6^0 + 12^1 + 21^1 + 25^2 = 23 + 60 + 121 + 211 + 252$	$667 := 3^1 + 5^4 + 11^1 + 20^0 + 27^1 = 31 + 54 + 111 + 200 + 271$
$667 := 2^3 + 6^0 + 13^1 + 20^1 + 25^2 = 23 + 60 + 131 + 201 + 252$	$667 := 3^1 + 5^4 + 12^1 + 20^0 + 26^1 = 31 + 54 + 121 + 200 + 261$
$667 := 2^3 + 6^0 + 14^1 + 19^1 + 25^2 = 23 + 60 + 141 + 191 + 252$	$667 := 3^1 + 5^4 + 13^1 + 20^0 + 25^1 = 31 + 54 + 131 + 200 + 251$
$667 := 2^3 + 6^0 + 15^1 + 18^1 + 25^2 = 23 + 60 + 151 + 181 + 252$	$667 := 3^1 + 5^4 + 14^1 + 20^0 + 24^1 = 31 + 54 + 141 + 200 + 241$
$667 := 2^3 + 6^0 + 16^1 + 17^1 + 25^2 = 23 + 60 + 161 + 171 + 252$	$667 := 3^1 + 5^4 + 15^1 + 20^0 + 23^1 = 31 + 54 + 151 + 200 + 231$
$667 := 2^3 + 6^0 + 6^1 + 25^2 + 27^1 = 23 + 60 + 61 + 252 + 271$	$667 := 3^1 + 5^4 + 16^1 + 20^0 + 22^1 = 31 + 54 + 161 + 200 + 221$
$667 := 2^3 + 6^0 + 7^1 + 25^2 + 26^1 = 23 + 60 + 71 + 252 + 261$	$667 := 3^1 + 5^4 + 17^1 + 20^0 + 21^1 = 31 + 54 + 171 + 200 + 211$
$667 := 2^3 + 6^0 + 8^1 + 25^1 + 25^2 = 23 + 60 + 81 + 251 + 252$	$667 := 3^1 + 5^4 + 18^1 + 20^0 + 20^1 = 31 + 54 + 181 + 200 + 201$
$667 := 2^3 + 6^0 + 9^1 + 24^1 + 25^2 = 23 + 60 + 91 + 241 + 252$	$667 := 3^1 + 5^4 + 19^1 + 19^1 + 20^0 = 31 + 54 + 191 + 191 + 200$
$667 := 2^3 + 6^0 + 9^2 + 24^2 + 25^0 = 23 + 60 + 92 + 242 + 250$	$667 := 3^2 + 3^2 + 12^0 + 23^1 + 25^2 = 32 + 32 + 120 + 231 + 252$
$667 := 2^3 + 7^0 + 9^2 + 24^0 + 24^2 = 23 + 70 + 92 + 240 + 242$	$667 := 3^2 + 4^1 + 13^2 + 22^2 + 24^0 = 32 + 41 + 132 + 222 + 240$
$667 := 2^3 + 8^0 + 9^2 + 23^0 + 24^2 = 23 + 80 + 92 + 230 + 242$	$667 := 3^2 + 4^2 + 16^1 + 18^0 + 25^2 = 32 + 42 + 161 + 180 + 252$
$667 := 2^3 + 9^0 + 9^2 + 22^0 + 24^2 = 23 + 90 + 92 + 220 + 242$	$667 := 3^2 + 5^2 + 7^1 + 25^2 + 26^0 = 32 + 52 + 71 + 252 + 260$
$667 := 2^3 + 9^2 + 10^0 + 21^0 + 24^2 = 23 + 92 + 100 + 210 + 242$	$667 := 3^2 + 7^1 + 11^2 + 22^0 + 23^2 = 32 + 71 + 112 + 220 + 232$
$667 := 2^3 + 9^2 + 11^0 + 20^0 + 24^2 = 23 + 92 + 110 + 200 + 242$	$667 := 3^2 + 7^1 + 17^2 + 19^2 + 20^0 = 32 + 71 + 172 + 192 + 200$
$667 := 2^3 + 9^2 + 12^0 + 19^0 + 24^2 = 23 + 92 + 120 + 190 + 242$	$667 := 3^2 + 8^0 + 14^2 + 20^1 + 21^2 = 32 + 80 + 142 + 201 + 212$
$667 := 2^3 + 9^2 + 13^0 + 18^0 + 24^2 = 23 + 92 + 130 + 180 + 242$	$667 := 3^2 + 8^2 + 14^0 + 17^1 + 24^2 = 32 + 82 + 140 + 171 + 242$
$667 := 2^3 + 9^2 + 14^0 + 17^0 + 24^2 = 23 + 92 + 140 + 170 + 242$	$667 := 3^2 + 8^3 + 12^2 + 16^0 + 27^0 = 32 + 83 + 122 + 160 + 270$
$667 := 2^3 + 9^2 + 15^0 + 16^0 + 24^2 = 23 + 92 + 150 + 160 + 242$	$667 := 3^2 + 8^3 + 12^2 + 17^0 + 26^0 = 32 + 83 + 122 + 170 + 260$
$667 := 2^4 + 3^0 + 12^0 + 24^1 + 25^2 = 24 + 30 + 120 + 241 + 252$	$667 := 3^2 + 8^3 + 12^2 + 18^0 + 25^0 = 32 + 83 + 122 + 180 + 250$

$667 := 3^2 + 8^3 + 12^2 + 19^0 + 24^0$	$= 32 + 83 + 122 + 190 + 240$	$667 := 4^1 + 5^4 + 6^2 + 25^0 + 26^0$	$= 41 + 54 + 62 + 250 + 260$
$667 := 3^2 + 8^3 + 12^2 + 20^0 + 23^0$	$= 32 + 83 + 122 + 200 + 230$	$667 := 4^1 + 7^2 + 17^2 + 18^2 + 20^0$	$= 41 + 72 + 172 + 182 + 200$
$667 := 3^2 + 8^3 + 12^2 + 21^0 + 22^0$	$= 32 + 83 + 122 + 210 + 220$	$667 := 4^2 + 13^1 + 14^0 + 14^2 + 21^2$	$= 42 + 131 + 140 + 142 + 212$
$667 := 3^2 + 9^1 + 18^0 + 18^2 + 18^2$	$= 32 + 91 + 180 + 182 + 182$	$667 := 4^2 + 4^2 + 9^1 + 24^0 + 25^2$	$= 42 + 42 + 91 + 240 + 252$
$667 := 3^3 + 4^1 + 10^1 + 24^0 + 25^2$	$= 33 + 41 + 101 + 240 + 252$	$667 := 4^2 + 5^4 + 10^0 + 23^0 + 24^1$	$= 42 + 54 + 100 + 230 + 241$
$667 := 3^3 + 5^1 + 9^1 + 24^0 + 25^2$	$= 33 + 51 + 91 + 240 + 252$	$667 := 4^2 + 5^4 + 11^0 + 22^0 + 24^1$	$= 42 + 54 + 110 + 220 + 241$
$667 := 3^3 + 6^1 + 8^1 + 24^0 + 25^2$	$= 33 + 61 + 81 + 240 + 252$	$667 := 4^2 + 5^4 + 12^0 + 21^0 + 24^1$	$= 42 + 54 + 120 + 210 + 241$
$667 := 3^3 + 7^1 + 7^1 + 24^0 + 25^2$	$= 33 + 71 + 71 + 240 + 252$	$667 := 4^2 + 5^4 + 13^0 + 20^0 + 24^1$	$= 42 + 54 + 130 + 200 + 241$
$667 := 3^4 + 4^0 + 8^1 + 24^2 + 27^0$	$= 34 + 40 + 81 + 242 + 270$	$667 := 4^2 + 5^4 + 14^0 + 19^0 + 24^1$	$= 42 + 54 + 140 + 190 + 241$
$667 := 3^4 + 5^0 + 8^1 + 24^2 + 26^0$	$= 34 + 50 + 81 + 242 + 260$	$667 := 4^2 + 5^4 + 15^0 + 18^0 + 24^1$	$= 42 + 54 + 150 + 180 + 241$
$667 := 3^4 + 6^0 + 8^1 + 24^2 + 25^0$	$= 34 + 60 + 81 + 242 + 250$	$667 := 4^2 + 5^4 + 16^0 + 17^0 + 24^1$	$= 42 + 54 + 160 + 170 + 241$
$667 := 3^4 + 7^0 + 8^1 + 24^0 + 24^2$	$= 34 + 70 + 81 + 240 + 242$	$667 := 4^2 + 5^4 + 6^0 + 24^1 + 27^0$	$= 42 + 54 + 60 + 241 + 270$
$667 := 3^4 + 8^0 + 8^1 + 23^0 + 24^2$	$= 34 + 80 + 81 + 230 + 242$	$667 := 4^2 + 5^4 + 7^0 + 24^1 + 26^0$	$= 42 + 54 + 70 + 241 + 260$
$667 := 3^4 + 8^1 + 10^0 + 21^0 + 24^2$	$= 34 + 81 + 100 + 210 + 242$	$667 := 4^2 + 5^4 + 8^0 + 24^1 + 25^0$	$= 42 + 54 + 80 + 241 + 250$
$667 := 3^4 + 8^1 + 11^0 + 20^0 + 24^2$	$= 34 + 81 + 110 + 200 + 242$	$667 := 4^2 + 5^4 + 9^0 + 24^0 + 24^1$	$= 42 + 54 + 90 + 240 + 241$
$667 := 3^4 + 8^1 + 12^0 + 19^0 + 24^2$	$= 34 + 81 + 120 + 190 + 242$	$667 := 4^2 + 6^0 + 12^2 + 22^1 + 22^2$	$= 42 + 60 + 122 + 221 + 222$
$667 := 3^4 + 8^1 + 13^0 + 18^0 + 24^2$	$= 34 + 81 + 130 + 180 + 242$	$667 := 4^2 + 6^0 + 7^2 + 24^2 + 25^1$	$= 42 + 60 + 72 + 242 + 251$
$667 := 3^4 + 8^1 + 14^0 + 17^0 + 24^2$	$= 34 + 81 + 140 + 170 + 242$	$667 := 4^2 + 8^0 + 10^2 + 21^1 + 23^2$	$= 42 + 80 + 102 + 211 + 232$
$667 := 3^4 + 8^1 + 15^0 + 16^0 + 24^2$	$= 34 + 81 + 150 + 160 + 242$	$667 := 4^2 + 8^2 + 10^1 + 20^0 + 24^2$	$= 42 + 82 + 101 + 200 + 242$
$667 := 3^4 + 8^1 + 9^0 + 22^0 + 24^2$	$= 34 + 81 + 90 + 220 + 242$	$667 := 4^3 + 10^1 + 12^0 + 16^1 + 24^2$	$= 43 + 101 + 120 + 161 + 242$
$667 := 4^0 + 14^2 + 14^2 + 16^2 + 18^1$	$= 40 + 142 + 142 + 162 + 181$	$667 := 4^3 + 11^1 + 12^0 + 15^1 + 24^2$	$= 43 + 111 + 120 + 151 + 242$
$667 := 4^0 + 7^2 + 14^2 + 20^2 + 21^1$	$= 40 + 72 + 142 + 202 + 211$	$667 := 4^3 + 12^0 + 12^1 + 14^1 + 24^2$	$= 43 + 120 + 121 + 141 + 242$
$667 := 4^0 + 7^2 + 8^2 + 23^2 + 24^1$	$= 40 + 72 + 82 + 232 + 241$	$667 := 4^3 + 12^0 + 13^1 + 13^1 + 24^2$	$= 43 + 120 + 131 + 131 + 242$
$667 := 4^1 + 10^2 + 11^2 + 20^0 + 21^2$	$= 41 + 102 + 112 + 200 + 212$	$667 := 4^3 + 5^1 + 12^0 + 21^1 + 24^2$	$= 43 + 51 + 120 + 211 + 242$
$667 := 4^1 + 13^2 + 13^2 + 18^0 + 18^2$	$= 41 + 132 + 132 + 180 + 182$	$667 := 4^3 + 5^2 + 10^0 + 23^0 + 24^2$	$= 43 + 52 + 100 + 230 + 242$
$667 := 4^1 + 4^3 + 12^0 + 22^1 + 24^2$	$= 41 + 43 + 120 + 221 + 242$	$667 := 4^3 + 5^2 + 11^0 + 22^0 + 24^2$	$= 43 + 52 + 110 + 220 + 242$
$667 := 4^1 + 5^2 + 14^2 + 21^2 + 22^0$	$= 41 + 52 + 142 + 212 + 220$	$667 := 4^3 + 5^2 + 12^0 + 21^0 + 24^2$	$= 43 + 52 + 120 + 210 + 242$
$667 := 4^1 + 5^3 + 8^1 + 23^2 + 26^0$	$= 41 + 53 + 81 + 232 + 260$	$667 := 4^3 + 5^2 + 13^0 + 20^0 + 24^2$	$= 43 + 52 + 130 + 200 + 242$
$667 := 4^1 + 5^4 + 10^1 + 20^0 + 27^1$	$= 41 + 54 + 101 + 200 + 271$	$667 := 4^3 + 5^2 + 14^0 + 19^0 + 24^2$	$= 43 + 52 + 140 + 190 + 242$
$667 := 4^1 + 5^4 + 11^1 + 20^0 + 26^1$	$= 41 + 54 + 111 + 200 + 261$	$667 := 4^3 + 5^2 + 15^0 + 18^0 + 24^2$	$= 43 + 52 + 150 + 180 + 242$
$667 := 4^1 + 5^4 + 12^1 + 20^0 + 25^1$	$= 41 + 54 + 121 + 200 + 251$	$667 := 4^3 + 5^2 + 16^0 + 17^0 + 24^2$	$= 43 + 52 + 160 + 170 + 242$
$667 := 4^1 + 5^4 + 13^1 + 20^0 + 24^1$	$= 41 + 54 + 131 + 200 + 241$	$667 := 4^3 + 5^2 + 6^0 + 24^2 + 27^0$	$= 43 + 52 + 60 + 242 + 270$
$667 := 4^1 + 5^4 + 14^1 + 20^0 + 23^1$	$= 41 + 54 + 141 + 200 + 231$	$667 := 4^3 + 5^2 + 7^0 + 24^2 + 26^0$	$= 43 + 52 + 70 + 242 + 260$
$667 := 4^1 + 5^4 + 15^1 + 20^0 + 22^1$	$= 41 + 54 + 151 + 200 + 221$	$667 := 4^3 + 5^2 + 8^0 + 24^2 + 25^0$	$= 43 + 52 + 80 + 242 + 250$
$667 := 4^1 + 5^4 + 16^1 + 20^0 + 21^1$	$= 41 + 54 + 161 + 200 + 211$	$667 := 4^3 + 5^2 + 9^0 + 24^0 + 24^2$	$= 43 + 52 + 90 + 240 + 242$
$667 := 4^1 + 5^4 + 17^1 + 20^0 + 20^1$	$= 41 + 54 + 171 + 200 + 201$	$667 := 4^3 + 6^1 + 12^0 + 20^1 + 24^2$	$= 43 + 61 + 120 + 201 + 242$
$667 := 4^1 + 5^4 + 18^1 + 19^1 + 20^0$	$= 41 + 54 + 181 + 191 + 200$	$667 := 4^3 + 7^1 + 12^0 + 19^1 + 24^2$	$= 43 + 71 + 120 + 191 + 242$
$667 := 4^1 + 5^4 + 6^2 + 24^0 + 27^0$	$= 41 + 54 + 62 + 240 + 270$	$667 := 4^3 + 8^1 + 12^0 + 18^1 + 24^2$	$= 43 + 81 + 120 + 181 + 242$

$$\begin{aligned} 667 &:= 4^3 + 9^1 + 12^0 + 17^1 + 24^2 = 43 + 91 + 120 + 171 + 242 & 667 &:= 5^4 + 10^1 + 10^1 + 20^0 + 21^1 = 54 + 101 + 101 + 200 + 211 \\ 667 &:= 4^4 + 6^0 + 9^1 + 20^2 + 27^0 = 44 + 60 + 91 + 202 + 270 & 667 &:= 5^4 + 10^1 + 11^1 + 20^0 + 20^1 = 54 + 101 + 111 + 200 + 201 \\ 667 &:= 4^4 + 7^0 + 9^1 + 20^2 + 26^0 = 44 + 70 + 91 + 202 + 260 & 667 &:= 5^4 + 10^1 + 12^1 + 19^1 + 20^0 = 54 + 101 + 121 + 191 + 200 \\ 667 &:= 4^4 + 8^0 + 9^1 + 20^2 + 25^0 = 44 + 80 + 91 + 202 + 250 & 667 &:= 5^4 + 10^1 + 13^1 + 18^1 + 20^0 = 54 + 101 + 131 + 181 + 200 \\ 667 &:= 4^4 + 9^0 + 9^1 + 20^2 + 24^0 = 44 + 90 + 91 + 202 + 240 & 667 &:= 5^4 + 10^1 + 14^1 + 17^1 + 20^0 = 54 + 101 + 141 + 171 + 200 \\ 667 &:= 4^4 + 9^1 + 10^0 + 20^2 + 23^0 = 44 + 91 + 100 + 202 + 230 & 667 &:= 5^4 + 10^1 + 15^1 + 16^1 + 20^0 = 54 + 101 + 151 + 161 + 200 \\ 667 &:= 4^4 + 9^1 + 11^0 + 20^2 + 22^0 = 44 + 91 + 110 + 202 + 220 & 667 &:= 5^4 + 11^1 + 11^1 + 19^1 + 20^0 = 54 + 111 + 111 + 191 + 200 \\ 667 &:= 4^4 + 9^1 + 12^0 + 20^2 + 21^0 = 44 + 91 + 120 + 202 + 210 & 667 &:= 5^4 + 11^1 + 12^1 + 18^1 + 20^0 = 54 + 111 + 121 + 181 + 200 \\ 667 &:= 4^4 + 9^1 + 13^0 + 20^0 + 20^2 = 44 + 91 + 130 + 200 + 202 & 667 &:= 5^4 + 11^1 + 13^1 + 17^1 + 20^0 = 54 + 111 + 131 + 171 + 200 \\ 667 &:= 4^4 + 9^1 + 14^0 + 19^0 + 20^2 = 44 + 91 + 140 + 190 + 202 & 667 &:= 5^4 + 11^1 + 14^1 + 16^1 + 20^0 = 54 + 111 + 141 + 161 + 200 \\ 667 &:= 4^4 + 9^1 + 15^0 + 18^0 + 20^2 = 44 + 91 + 150 + 180 + 202 & 667 &:= 5^4 + 11^1 + 15^1 + 15^1 + 20^0 = 54 + 111 + 151 + 151 + 200 \\ 667 &:= 4^4 + 9^1 + 16^0 + 17^0 + 20^2 = 44 + 91 + 160 + 170 + 202 & 667 &:= 5^4 + 12^1 + 12^1 + 17^1 + 20^0 = 54 + 121 + 121 + 171 + 200 \\ 667 &:= 5^1 + 5^3 + 7^1 + 23^2 + 26^0 = 51 + 53 + 71 + 232 + 260 & 667 &:= 5^4 + 12^1 + 13^1 + 16^1 + 20^0 = 54 + 121 + 131 + 161 + 200 \\ 667 &:= 5^1 + 5^4 + 10^1 + 20^0 + 26^1 = 51 + 54 + 101 + 200 + 261 & 667 &:= 5^4 + 12^1 + 14^1 + 15^1 + 20^0 = 54 + 121 + 141 + 151 + 200 \\ 667 &:= 5^1 + 5^4 + 11^1 + 20^0 + 25^1 = 51 + 54 + 111 + 200 + 251 & 667 &:= 5^4 + 13^1 + 13^1 + 15^1 + 20^0 = 54 + 131 + 131 + 151 + 200 \\ 667 &:= 5^1 + 5^4 + 12^1 + 20^0 + 24^1 = 51 + 54 + 121 + 200 + 241 & 667 &:= 5^4 + 13^1 + 14^1 + 14^1 + 20^0 = 54 + 131 + 141 + 141 + 200 \\ 667 &:= 5^1 + 5^4 + 13^1 + 20^0 + 23^1 = 51 + 54 + 131 + 200 + 231 & 667 &:= 5^4 + 6^1 + 10^1 + 20^0 + 25^1 = 54 + 61 + 101 + 200 + 251 \\ 667 &:= 5^1 + 5^4 + 14^1 + 20^0 + 22^1 = 51 + 54 + 141 + 200 + 221 & 667 &:= 5^4 + 6^1 + 11^1 + 20^0 + 24^1 = 54 + 61 + 111 + 200 + 241 \\ 667 &:= 5^1 + 5^4 + 15^1 + 20^0 + 21^1 = 51 + 54 + 151 + 200 + 211 & 667 &:= 5^4 + 6^1 + 12^1 + 20^0 + 23^1 = 54 + 61 + 121 + 200 + 231 \\ 667 &:= 5^1 + 5^4 + 16^1 + 20^0 + 20^1 = 51 + 54 + 161 + 200 + 201 & 667 &:= 5^4 + 6^1 + 13^1 + 20^0 + 22^1 = 54 + 61 + 131 + 200 + 221 \\ 667 &:= 5^1 + 5^4 + 17^1 + 19^1 + 20^0 = 51 + 54 + 171 + 191 + 200 & 667 &:= 5^4 + 6^1 + 14^1 + 20^0 + 21^1 = 54 + 61 + 141 + 200 + 211 \\ 667 &:= 5^1 + 5^4 + 18^1 + 18^1 + 20^0 = 51 + 54 + 181 + 181 + 200 & 667 &:= 5^4 + 6^1 + 15^1 + 20^0 + 20^1 = 54 + 61 + 151 + 200 + 201 \\ 667 &:= 5^1 + 5^4 + 9^1 + 20^0 + 27^1 = 51 + 54 + 91 + 200 + 271 & 667 &:= 5^4 + 6^1 + 16^1 + 19^1 + 20^0 = 54 + 61 + 161 + 191 + 200 \\ 667 &:= 5^1 + 6^2 + 15^2 + 20^0 + 20^2 = 51 + 62 + 152 + 200 + 202 & 667 &:= 5^4 + 6^1 + 17^1 + 18^1 + 20^0 = 54 + 61 + 171 + 181 + 200 \\ 667 &:= 5^1 + 6^2 + 7^2 + 24^0 + 24^2 = 51 + 62 + 72 + 240 + 242 & 667 &:= 5^4 + 6^1 + 8^1 + 20^0 + 27^1 = 54 + 61 + 81 + 200 + 271 \\ 667 &:= 5^1 + 9^2 + 16^2 + 18^0 + 18^2 = 51 + 92 + 162 + 180 + 182 & 667 &:= 5^4 + 6^1 + 9^1 + 20^0 + 26^1 = 54 + 61 + 91 + 200 + 261 \\ 667 &:= 5^2 + 10^0 + 15^2 + 16^1 + 20^2 = 52 + 100 + 152 + 161 + 202 & 667 &:= 5^4 + 7^1 + 10^1 + 20^0 + 24^1 = 54 + 71 + 101 + 200 + 241 \\ 667 &:= 5^2 + 10^2 + 12^1 + 16^0 + 23^2 = 52 + 102 + 121 + 160 + 232 & 667 &:= 5^4 + 7^1 + 11^1 + 20^0 + 23^1 = 54 + 71 + 111 + 200 + 231 \\ 667 &:= 5^2 + 12^2 + 13^1 + 14^0 + 22^2 = 52 + 122 + 131 + 140 + 222 & 667 &:= 5^4 + 7^1 + 12^1 + 20^0 + 22^1 = 54 + 71 + 121 + 200 + 221 \\ 667 &:= 5^2 + 5^4 + 14^0 + 15^1 + 27^0 = 52 + 54 + 140 + 151 + 270 & 667 &:= 5^4 + 7^1 + 13^1 + 20^0 + 21^1 = 54 + 71 + 131 + 200 + 211 \\ 667 &:= 5^2 + 5^4 + 15^0 + 15^1 + 26^0 = 52 + 54 + 150 + 151 + 260 & 667 &:= 5^4 + 7^1 + 14^1 + 20^0 + 20^1 = 54 + 71 + 141 + 200 + 201 \\ 667 &:= 5^2 + 5^4 + 15^1 + 16^0 + 25^0 = 52 + 54 + 151 + 160 + 250 & 667 &:= 5^4 + 7^1 + 15^1 + 19^1 + 20^0 = 54 + 71 + 151 + 191 + 200 \\ 667 &:= 5^2 + 5^4 + 15^1 + 17^0 + 24^0 = 52 + 54 + 151 + 170 + 240 & 667 &:= 5^4 + 7^1 + 16^1 + 18^1 + 20^0 = 54 + 71 + 161 + 181 + 200 \\ 667 &:= 5^2 + 5^4 + 15^1 + 18^0 + 23^0 = 52 + 54 + 151 + 180 + 230 & 667 &:= 5^4 + 7^1 + 17^1 + 17^1 + 20^0 = 54 + 71 + 171 + 171 + 200 \\ 667 &:= 5^2 + 5^4 + 15^1 + 19^0 + 22^0 = 52 + 54 + 151 + 190 + 220 & 667 &:= 5^4 + 7^1 + 7^1 + 20^0 + 27^1 = 54 + 71 + 71 + 200 + 271 \\ 667 &:= 5^2 + 5^4 + 15^1 + 20^0 + 21^0 = 52 + 54 + 151 + 200 + 210 & 667 &:= 5^4 + 7^1 + 8^1 + 20^0 + 26^1 = 54 + 71 + 81 + 200 + 261 \\ 667 &:= 5^2 + 7^2 + 14^0 + 16^1 + 24^2 = 52 + 72 + 140 + 161 + 242 & 667 &:= 5^4 + 7^1 + 9^1 + 20^0 + 25^1 = 54 + 71 + 91 + 200 + 251 \\ 667 &:= 5^3 + 6^1 + 6^1 + 23^2 + 26^0 = 53 + 61 + 61 + 232 + 260 & 667 &:= 5^4 + 8^1 + 10^1 + 20^0 + 23^1 = 54 + 81 + 101 + 200 + 231 \end{aligned}$$

$$\begin{aligned} 667 &:= 5^4 + 8^1 + 11^1 + 20^0 + 22^1 = 54 + 81 + 111 + 200 + 221 & 667 &:= 6^3 + 7^2 + 8^0 + 20^2 + 25^0 = 63 + 72 + 80 + 202 + 250 \\ 667 &:= 5^4 + 8^1 + 12^1 + 20^0 + 21^1 = 54 + 81 + 121 + 200 + 211 & 667 &:= 6^3 + 7^2 + 9^0 + 20^2 + 24^0 = 63 + 72 + 90 + 202 + 240 \\ 667 &:= 5^4 + 8^1 + 13^1 + 20^0 + 20^1 = 54 + 81 + 131 + 200 + 201 & 667 &:= 7^1 + 7^2 + 13^2 + 18^0 + 21^2 = 71 + 72 + 132 + 180 + 212 \\ 667 &:= 5^4 + 8^1 + 14^1 + 19^1 + 20^0 = 54 + 81 + 141 + 191 + 200 & 667 &:= 7^1 + 7^2 + 9^2 + 20^0 + 23^2 = 71 + 72 + 92 + 200 + 232 \\ 667 &:= 5^4 + 8^1 + 15^1 + 18^1 + 20^0 = 54 + 81 + 151 + 181 + 200 & 667 &:= 7^1 + 7^3 + 8^0 + 17^2 + 27^1 = 71 + 73 + 80 + 172 + 271 \\ 667 &:= 5^4 + 8^1 + 16^1 + 17^1 + 20^0 = 54 + 81 + 161 + 171 + 200 & 667 &:= 7^1 + 8^3 + 11^2 + 14^0 + 26^1 = 71 + 83 + 112 + 140 + 261 \\ 667 &:= 5^4 + 8^1 + 8^1 + 20^0 + 25^1 = 54 + 81 + 81 + 200 + 251 & 667 &:= 7^1 + 9^2 + 16^0 + 17^2 + 17^2 = 71 + 92 + 160 + 172 + 172 \\ 667 &:= 5^4 + 8^1 + 9^1 + 20^0 + 24^1 = 54 + 81 + 91 + 200 + 241 & 667 &:= 7^2 + 11^2 + 12^1 + 14^0 + 22^2 = 72 + 112 + 121 + 140 + 222 \\ 667 &:= 5^4 + 9^1 + 10^1 + 20^0 + 22^1 = 54 + 91 + 101 + 200 + 221 & 667 &:= 7^3 + 8^0 + 10^1 + 17^2 + 24^1 = 73 + 80 + 101 + 172 + 241 \\ 667 &:= 5^4 + 9^1 + 11^1 + 20^0 + 21^1 = 54 + 91 + 111 + 200 + 211 & 667 &:= 7^3 + 8^0 + 11^1 + 17^2 + 23^1 = 73 + 80 + 111 + 172 + 231 \\ 667 &:= 5^4 + 9^1 + 12^1 + 20^0 + 20^1 = 54 + 91 + 121 + 200 + 201 & 667 &:= 7^3 + 8^0 + 12^1 + 17^2 + 22^1 = 73 + 80 + 121 + 172 + 221 \\ 667 &:= 5^4 + 9^1 + 13^1 + 19^1 + 20^0 = 54 + 91 + 131 + 191 + 200 & 667 &:= 7^3 + 8^0 + 13^1 + 17^2 + 21^1 = 73 + 80 + 131 + 172 + 211 \\ 667 &:= 5^4 + 9^1 + 14^1 + 18^1 + 20^0 = 54 + 91 + 141 + 181 + 200 & 667 &:= 7^3 + 8^0 + 14^1 + 17^2 + 20^1 = 73 + 80 + 141 + 172 + 201 \\ 667 &:= 5^4 + 9^1 + 15^1 + 17^1 + 20^0 = 54 + 91 + 151 + 171 + 200 & 667 &:= 7^3 + 8^0 + 15^1 + 17^2 + 19^1 = 73 + 80 + 151 + 172 + 191 \\ 667 &:= 5^4 + 9^1 + 16^1 + 16^1 + 20^0 = 54 + 91 + 161 + 161 + 200 & 667 &:= 7^3 + 8^0 + 16^1 + 17^2 + 18^1 = 73 + 80 + 161 + 172 + 181 \\ 667 &:= 5^4 + 9^1 + 9^1 + 20^0 + 23^1 = 54 + 91 + 91 + 200 + 231 & 667 &:= 7^3 + 8^0 + 17^1 + 17^1 + 17^2 = 73 + 80 + 171 + 171 + 172 \\ 667 &:= 6^0 + 10^2 + 15^2 + 17^1 + 18^2 = 60 + 102 + 152 + 171 + 182 & 667 &:= 7^3 + 8^0 + 8^1 + 17^2 + 26^1 = 73 + 80 + 81 + 172 + 261 \\ 667 &:= 6^0 + 12^2 + 12^2 + 17^1 + 19^2 = 60 + 122 + 122 + 171 + 192 & 667 &:= 7^3 + 8^0 + 9^1 + 17^2 + 25^1 = 73 + 80 + 91 + 172 + 251 \\ 667 &:= 6^0 + 13^2 + 15^2 + 16^1 + 16^2 = 60 + 132 + 152 + 161 + 162 & 667 &:= 8^0 + 11^2 + 13^2 + 15^1 + 19^2 = 80 + 112 + 132 + 151 + 192 \\ 667 &:= 6^0 + 6^2 + 13^2 + 20^1 + 21^2 = 60 + 62 + 132 + 201 + 212 & 667 &:= 8^0 + 8^2 + 10^2 + 18^1 + 22^2 = 80 + 82 + 102 + 181 + 222 \\ 667 &:= 6^0 + 6^3 + 7^2 + 20^2 + 27^0 = 60 + 63 + 72 + 202 + 270 & 667 &:= 8^0 + 8^2 + 12^2 + 17^1 + 21^2 = 80 + 82 + 122 + 171 + 212 \\ 667 &:= 6^0 + 9^2 + 9^2 + 20^1 + 22^2 = 60 + 92 + 92 + 201 + 222 & 667 &:= 8^0 + 8^2 + 15^2 + 16^1 + 19^2 = 80 + 82 + 152 + 161 + 192 \\ 667 &:= 6^1 + 8^2 + 14^2 + 18^0 + 20^2 = 61 + 82 + 142 + 180 + 202 & 667 &:= 8^0 + 9^2 + 13^2 + 16^1 + 20^2 = 80 + 92 + 132 + 161 + 202 \\ 667 &:= 6^1 + 8^3 + 11^2 + 14^0 + 27^1 = 61 + 83 + 112 + 140 + 271 & 667 &:= 8^1 + 12^2 + 14^0 + 15^2 + 17^2 = 81 + 122 + 140 + 152 + 172 \\ 667 &:= 6^2 + 12^0 + 13^1 + 16^2 + 19^2 = 62 + 120 + 131 + 162 + 192 & 667 &:= 8^1 + 8^3 + 11^2 + 14^0 + 25^1 = 81 + 83 + 112 + 140 + 251 \\ 667 &:= 6^2 + 6^2 + 12^0 + 18^1 + 24^2 = 62 + 62 + 120 + 181 + 242 & 667 &:= 8^2 + 8^2 + 9^1 + 18^0 + 23^2 = 82 + 82 + 91 + 180 + 232 \\ 667 &:= 6^2 + 8^0 + 17^1 + 17^2 + 18^2 = 62 + 80 + 171 + 172 + 182 & 667 &:= 8^3 + 10^1 + 11^2 + 14^0 + 23^1 = 83 + 101 + 112 + 140 + 231 \\ 667 &:= 6^2 + 8^0 + 9^2 + 20^1 + 23^2 = 62 + 80 + 92 + 201 + 232 & 667 &:= 8^3 + 11^1 + 11^2 + 14^0 + 22^1 = 83 + 111 + 112 + 140 + 221 \\ 667 &:= 6^3 + 7^0 + 7^2 + 20^2 + 26^0 = 63 + 70 + 72 + 202 + 260 & 667 &:= 8^3 + 11^2 + 12^1 + 14^0 + 21^1 = 83 + 112 + 121 + 140 + 211 \\ 667 &:= 6^3 + 7^2 + 10^0 + 20^2 + 23^0 = 63 + 72 + 100 + 202 + 230 & 667 &:= 8^3 + 11^2 + 13^1 + 14^0 + 20^1 = 83 + 112 + 131 + 140 + 201 \\ 667 &:= 6^3 + 7^2 + 11^0 + 20^2 + 22^0 = 63 + 72 + 110 + 202 + 220 & 667 &:= 8^3 + 11^2 + 14^0 + 14^1 + 19^1 = 83 + 112 + 140 + 141 + 191 \\ 667 &:= 6^3 + 7^2 + 12^0 + 20^2 + 21^0 = 63 + 72 + 120 + 202 + 210 & 667 &:= 8^3 + 11^2 + 14^0 + 15^1 + 18^1 = 83 + 112 + 140 + 151 + 181 \\ 667 &:= 6^3 + 7^2 + 13^0 + 20^0 + 20^2 = 63 + 72 + 130 + 200 + 202 & 667 &:= 8^3 + 11^2 + 14^0 + 16^1 + 17^1 = 83 + 112 + 140 + 161 + 171 \\ 667 &:= 6^3 + 7^2 + 14^0 + 19^0 + 20^2 = 63 + 72 + 140 + 190 + 202 & 667 &:= 8^3 + 9^1 + 11^2 + 14^0 + 24^1 = 83 + 91 + 112 + 140 + 241 \\ 667 &:= 6^3 + 7^2 + 15^0 + 18^0 + 20^2 = 63 + 72 + 150 + 180 + 202 & 667 &:= 9^1 + 10^2 + 14^0 + 14^2 + 19^2 = 91 + 102 + 140 + 142 + 192 \\ 667 &:= 6^3 + 7^2 + 16^0 + 17^0 + 20^2 = 63 + 72 + 160 + 170 + 202 \end{aligned}$$

$668 := 1^3 + 14^2 + 21^2 + 30^1$	$= 13 + 142 + 212 + 301$	$668 := 1^2 + 14^2 + 15^1 + 15^1 + 21^2$	$= 12 + 142 + 151 + 151 + 212$
$668 := 1^3 + 2^2 + 25^2 + 38^1$	$= 13 + 22 + 252 + 381$	$668 := 1^2 + 2^2 + 11^1 + 25^2 + 27^1$	$= 12 + 22 + 111 + 252 + 271$
$668 := 1^3 + 5^4 + 19^0 + 41^1$	$= 13 + 54 + 190 + 411$	$668 := 1^2 + 2^2 + 12^1 + 25^2 + 26^1$	$= 12 + 22 + 121 + 252 + 261$
$668 := 1^4 + 15^2 + 21^2 + 29^0$	$= 14 + 152 + 212 + 290$	$668 := 1^2 + 2^2 + 13^1 + 25^1 + 25^2$	$= 12 + 22 + 131 + 251 + 252$
$668 := 2^3 + 10^2 + 23^2 + 31^1$	$= 23 + 102 + 232 + 311$	$668 := 1^2 + 2^2 + 14^1 + 24^1 + 25^2$	$= 12 + 22 + 141 + 241 + 252$
$668 := 2^3 + 5^4 + 25^0 + 34^1$	$= 23 + 54 + 250 + 341$	$668 := 1^2 + 2^2 + 15^1 + 23^1 + 25^2$	$= 12 + 22 + 151 + 231 + 252$
$668 := 2^5 + 10^1 + 25^2 + 29^0$	$= 25 + 101 + 252 + 290$	$668 := 1^2 + 2^2 + 16^1 + 22^1 + 25^2$	$= 12 + 22 + 161 + 221 + 252$
$668 := 3^3 + 17^2 + 18^2 + 28^1$	$= 33 + 172 + 182 + 281$	$668 := 1^2 + 2^2 + 17^1 + 21^1 + 25^2$	$= 12 + 22 + 171 + 211 + 252$
$668 := 3^3 + 4^3 + 24^2 + 35^0$	$= 33 + 43 + 242 + 350$	$668 := 1^2 + 2^2 + 18^1 + 20^1 + 25^2$	$= 12 + 22 + 181 + 201 + 252$
$668 := 3^3 + 5^4 + 15^1 + 43^0$	$= 33 + 54 + 151 + 430$	$668 := 1^2 + 2^2 + 19^1 + 19^1 + 25^2$	$= 12 + 22 + 191 + 191 + 252$
$668 := 3^3 + 9^2 + 23^2 + 31^1$	$= 33 + 92 + 232 + 311$	$668 := 1^2 + 3^1 + 14^2 + 21^2 + 27^1$	$= 12 + 31 + 142 + 212 + 271$
$668 := 3^4 + 15^2 + 19^2 + 29^0$	$= 34 + 152 + 192 + 290$	$668 := 1^2 + 3^3 + 14^1 + 23^0 + 25^2$	$= 12 + 33 + 141 + 230 + 252$
$668 := 3^5 + 19^0 + 20^2 + 24^1$	$= 35 + 190 + 202 + 241$	$668 := 1^2 + 4^1 + 14^2 + 21^2 + 26^1$	$= 12 + 41 + 142 + 212 + 261$
$668 := 4^2 + 6^3 + 20^2 + 36^1$	$= 42 + 63 + 202 + 361$	$668 := 1^2 + 4^2 + 11^2 + 23^2 + 27^0$	$= 12 + 42 + 112 + 232 + 270$
$668 := 5^2 + 5^3 + 22^2 + 34^1$	$= 52 + 53 + 222 + 341$	$668 := 1^2 + 4^2 + 17^2 + 19^2 + 25^0$	$= 12 + 42 + 172 + 192 + 250$
$668 := 5^3 + 15^2 + 17^2 + 29^1$	$= 53 + 152 + 172 + 291$	$668 := 1^2 + 4^3 + 11^0 + 24^2 + 26^1$	$= 12 + 43 + 110 + 242 + 261$
$668 := 6^3 + 14^2 + 15^2 + 31^1$	$= 63 + 142 + 152 + 311$	$668 := 1^2 + 5^1 + 14^2 + 21^2 + 25^1$	$= 12 + 51 + 142 + 212 + 251$
$668 := 7^2 + 8^2 + 8^3 + 43^1$	$= 72 + 82 + 83 + 431$	$668 := 1^2 + 5^3 + 12^1 + 23^2 + 25^0$	$= 12 + 53 + 121 + 232 + 250$
$668 := 7^3 + 11^2 + 13^2 + 35^1$	$= 73 + 112 + 132 + 351$	$668 := 1^2 + 5^4 + 14^1 + 19^0 + 27^1$	$= 12 + 54 + 141 + 190 + 271$
$668 := 7^3 + 8^2 + 15^2 + 36^1$	$= 73 + 82 + 152 + 361$	$668 := 1^2 + 5^4 + 15^1 + 19^0 + 26^1$	$= 12 + 54 + 151 + 190 + 261$
$668 := 1^0 + 2^4 + 17^2 + 19^2 + 27^0$	$= 10 + 24 + 172 + 192 + 270$	$668 := 1^2 + 5^4 + 16^1 + 19^0 + 25^1$	$= 12 + 54 + 161 + 190 + 251$
$668 := 1^0 + 3^3 + 17^2 + 18^2 + 27^1$	$= 10 + 33 + 172 + 182 + 271$	$668 := 1^2 + 5^4 + 17^1 + 19^0 + 24^1$	$= 12 + 54 + 171 + 190 + 241$
$668 := 1^0 + 3^5 + 19^0 + 20^2 + 23^1$	$= 10 + 35 + 190 + 202 + 231$	$668 := 1^2 + 5^4 + 18^1 + 19^0 + 23^1$	$= 12 + 54 + 181 + 190 + 231$
$668 := 1^1 + 10^2 + 12^2 + 20^2 + 23^1$	$= 11 + 102 + 122 + 202 + 231$	$668 := 1^2 + 5^4 + 19^0 + 19^1 + 22^1$	$= 12 + 54 + 190 + 191 + 221$
$668 := 1^1 + 10^2 + 16^2 + 17^2 + 22^1$	$= 11 + 102 + 162 + 172 + 221$	$668 := 1^2 + 5^4 + 19^0 + 20^1 + 21^1$	$= 12 + 54 + 190 + 201 + 211$
$668 := 1^1 + 14^2 + 15^2 + 15^2 + 21^1$	$= 11 + 142 + 152 + 152 + 211$	$668 := 1^2 + 6^1 + 14^2 + 21^2 + 24^1$	$= 12 + 61 + 142 + 212 + 241$
$668 := 1^1 + 2^4 + 13^0 + 25^1 + 25^2$	$= 11 + 24 + 130 + 251 + 252$	$668 := 1^2 + 7^1 + 14^2 + 21^2 + 23^1$	$= 12 + 71 + 142 + 212 + 231$
$668 := 1^1 + 4^2 + 15^2 + 20^2 + 26^1$	$= 11 + 42 + 152 + 202 + 261$	$668 := 1^2 + 7^2 + 16^2 + 19^2 + 23^0$	$= 12 + 72 + 162 + 192 + 230$
$668 := 1^1 + 5^2 + 16^2 + 19^2 + 25^1$	$= 11 + 52 + 162 + 192 + 251$	$668 := 1^2 + 8^1 + 14^2 + 21^2 + 22^1$	$= 12 + 81 + 142 + 212 + 221$
$668 := 1^1 + 6^2 + 11^2 + 22^2 + 26^1$	$= 11 + 62 + 112 + 222 + 261$	$668 := 1^2 + 9^1 + 14^2 + 21^1 + 21^2$	$= 12 + 91 + 142 + 211 + 212$
$668 := 1^1 + 8^2 + 16^2 + 18^2 + 23^1$	$= 11 + 82 + 162 + 182 + 231$	$668 := 1^2 + 9^2 + 12^2 + 21^2 + 23^0$	$= 12 + 92 + 122 + 212 + 230$
$668 := 1^1 + 9^2 + 11^2 + 21^2 + 24^1$	$= 11 + 92 + 112 + 212 + 241$	$668 := 1^3 + 10^1 + 16^2 + 19^0 + 20^2$	$= 13 + 101 + 162 + 190 + 202$
$668 := 1^2 + 10^1 + 14^2 + 20^1 + 21^2$	$= 12 + 101 + 142 + 201 + 212$	$668 := 1^3 + 11^0 + 18^1 + 18^2 + 18^2$	$= 13 + 110 + 181 + 182 + 182$
$668 := 1^2 + 11^1 + 14^2 + 19^1 + 21^2$	$= 12 + 111 + 142 + 191 + 212$	$668 := 1^3 + 11^2 + 15^0 + 16^1 + 23^2$	$= 13 + 112 + 150 + 161 + 232$
$668 := 1^2 + 11^2 + 16^2 + 17^2 + 21^0$	$= 12 + 112 + 162 + 172 + 210$	$668 := 1^3 + 13^0 + 16^1 + 17^2 + 19^2$	$= 13 + 130 + 161 + 172 + 192$
$668 := 1^2 + 12^1 + 14^2 + 18^1 + 21^2$	$= 12 + 121 + 142 + 181 + 212$	$668 := 1^3 + 13^1 + 13^2 + 17^0 + 22^2$	$= 13 + 131 + 132 + 170 + 222$
$668 := 1^2 + 13^1 + 14^2 + 17^1 + 21^2$	$= 12 + 131 + 142 + 171 + 212$	$668 := 1^3 + 4^2 + 11^0 + 25^1 + 25^2$	$= 13 + 42 + 110 + 251 + 252$
$668 := 1^2 + 14^1 + 14^2 + 16^1 + 21^2$	$= 12 + 141 + 142 + 161 + 212$	$668 := 1^3 + 5^2 + 16^1 + 19^0 + 25^2$	$= 13 + 52 + 161 + 190 + 252$

$$\begin{aligned} 668 &:= 1^3 + 7^0 + 8^2 + 24^2 + 26^1 = 13 + 70 + 82 + 242 + 261 & 668 &:= 2^3 + 5^2 + 9^1 + 25^0 + 25^2 = 23 + 52 + 91 + 250 + 252 \\ 668 &:= 1^3 + 9^1 + 9^2 + 23^0 + 24^2 = 13 + 91 + 92 + 230 + 242 & 668 &:= 2^3 + 6^1 + 13^2 + 22^2 + 23^0 = 23 + 61 + 132 + 222 + 230 \\ 668 &:= 1^9 + 2^6 + 12^0 + 24^2 + 26^1 = 19 + 26 + 120 + 242 + 261 & 668 &:= 2^3 + 7^0 + 14^2 + 21^2 + 22^1 = 23 + 70 + 142 + 212 + 221 \\ 668 &:= 10^1 + 10^2 + 12^2 + 14^1 + 20^2 = 101 + 102 + 122 + 141 + 202 & 668 &:= 2^3 + 8^2 + 13^0 + 19^1 + 24^2 = 23 + 82 + 130 + 191 + 242 \\ 668 &:= 10^1 + 10^2 + 13^1 + 16^2 + 17^2 = 101 + 102 + 131 + 162 + 172 & 668 &:= 2^3 + 9^1 + 11^2 + 21^0 + 23^2 = 23 + 91 + 112 + 210 + 232 \\ 668 &:= 10^1 + 12^1 + 14^2 + 15^2 + 15^2 = 101 + 121 + 142 + 152 + 152 & 668 &:= 2^3 + 9^1 + 17^2 + 19^0 + 19^2 = 23 + 91 + 172 + 190 + 192 \\ 668 &:= 10^2 + 11^1 + 12^1 + 16^2 + 17^2 = 102 + 111 + 121 + 162 + 172 & 668 &:= 2^4 + 10^0 + 11^2 + 20^0 + 23^2 = 24 + 100 + 112 + 200 + 232 \\ 668 &:= 10^2 + 11^1 + 12^2 + 13^1 + 20^2 = 102 + 111 + 122 + 131 + 202 & 668 &:= 2^4 + 10^0 + 17^2 + 18^0 + 19^2 = 24 + 100 + 172 + 180 + 192 \\ 668 &:= 10^2 + 12^1 + 12^1 + 12^2 + 20^2 = 102 + 121 + 121 + 122 + 202 & 668 &:= 2^4 + 10^1 + 13^0 + 16^1 + 25^2 = 24 + 101 + 130 + 161 + 252 \\ 668 &:= 11^1 + 11^1 + 14^2 + 15^2 + 15^2 = 111 + 111 + 142 + 152 + 152 & 668 &:= 2^4 + 11^0 + 11^2 + 19^0 + 23^2 = 24 + 110 + 112 + 190 + 232 \\ 668 &:= 11^2 + 11^2 + 13^2 + 15^0 + 16^2 = 112 + 112 + 132 + 150 + 162 & 668 &:= 2^4 + 11^0 + 17^0 + 17^2 + 19^2 = 24 + 110 + 170 + 172 + 192 \\ 668 &:= 2^0 + 2^4 + 17^2 + 19^2 + 26^0 = 20 + 24 + 172 + 192 + 260 & 668 &:= 2^4 + 11^1 + 13^0 + 15^1 + 25^2 = 24 + 111 + 130 + 151 + 252 \\ 668 &:= 2^0 + 3^5 + 18^0 + 20^2 + 23^1 = 20 + 35 + 180 + 202 + 231 & 668 &:= 2^4 + 11^2 + 12^0 + 18^0 + 23^2 = 24 + 112 + 120 + 180 + 232 \\ 668 &:= 2^1 + 10^2 + 12^2 + 20^2 + 22^1 = 21 + 102 + 122 + 202 + 221 & 668 &:= 2^4 + 11^2 + 13^0 + 17^0 + 23^2 = 24 + 112 + 130 + 170 + 232 \\ 668 &:= 2^1 + 10^2 + 16^2 + 17^2 + 21^1 = 21 + 102 + 162 + 172 + 211 & 668 &:= 2^4 + 11^2 + 14^0 + 16^0 + 23^2 = 24 + 112 + 140 + 160 + 232 \\ 668 &:= 2^1 + 14^2 + 15^2 + 15^2 + 20^1 = 21 + 142 + 152 + 152 + 201 & 668 &:= 2^4 + 11^2 + 15^0 + 15^0 + 23^2 = 24 + 112 + 150 + 150 + 232 \\ 668 &:= 2^1 + 2^4 + 13^0 + 24^1 + 25^2 = 21 + 24 + 130 + 241 + 252 & 668 &:= 2^4 + 12^0 + 16^0 + 17^2 + 19^2 = 24 + 120 + 160 + 172 + 192 \\ 668 &:= 2^1 + 4^2 + 15^2 + 20^2 + 25^1 = 21 + 42 + 152 + 202 + 251 & 668 &:= 2^4 + 12^1 + 13^0 + 14^1 + 25^2 = 24 + 121 + 130 + 141 + 252 \\ 668 &:= 2^1 + 5^2 + 16^2 + 19^2 + 24^1 = 21 + 52 + 162 + 192 + 241 & 668 &:= 2^4 + 13^0 + 13^1 + 13^1 + 25^2 = 24 + 130 + 131 + 131 + 252 \\ 668 &:= 2^1 + 6^2 + 11^2 + 22^2 + 25^1 = 21 + 62 + 112 + 222 + 251 & 668 &:= 2^4 + 13^0 + 15^0 + 17^2 + 19^2 = 24 + 130 + 150 + 172 + 192 \\ 668 &:= 2^1 + 8^2 + 16^2 + 18^2 + 22^1 = 21 + 82 + 162 + 182 + 221 & 668 &:= 2^4 + 14^0 + 14^0 + 17^2 + 19^2 = 24 + 140 + 140 + 172 + 192 \\ 668 &:= 2^1 + 9^2 + 11^2 + 21^2 + 23^1 = 21 + 92 + 112 + 212 + 231 & 668 &:= 2^4 + 3^0 + 11^2 + 23^2 + 27^0 = 24 + 30 + 112 + 232 + 270 \\ 668 &:= 2^2 + 3^3 + 11^1 + 25^0 + 25^2 = 22 + 33 + 111 + 250 + 252 & 668 &:= 2^4 + 3^0 + 17^2 + 19^2 + 25^0 = 24 + 30 + 172 + 192 + 250 \\ 668 &:= 2^2 + 4^3 + 13^0 + 23^1 + 24^2 = 22 + 43 + 130 + 231 + 242 & 668 &:= 2^4 + 3^1 + 13^0 + 23^1 + 25^2 = 24 + 31 + 130 + 231 + 252 \\ 668 &:= 2^2 + 5^3 + 9^1 + 23^2 + 27^0 = 22 + 53 + 91 + 232 + 270 & 668 &:= 2^4 + 4^0 + 11^2 + 23^2 + 26^0 = 24 + 40 + 112 + 232 + 260 \\ 668 &:= 2^2 + 5^4 + 11^1 + 21^0 + 27^1 = 22 + 54 + 111 + 210 + 271 & 668 &:= 2^4 + 4^0 + 17^2 + 19^2 + 24^0 = 24 + 40 + 172 + 192 + 240 \\ 668 &:= 2^2 + 5^4 + 12^1 + 21^0 + 26^1 = 22 + 54 + 121 + 210 + 261 & 668 &:= 2^4 + 4^1 + 13^0 + 22^1 + 25^2 = 24 + 41 + 130 + 221 + 252 \\ 668 &:= 2^2 + 5^4 + 13^1 + 21^0 + 25^1 = 22 + 54 + 131 + 210 + 251 & 668 &:= 2^4 + 5^0 + 11^2 + 23^2 + 25^0 = 24 + 50 + 112 + 232 + 250 \\ 668 &:= 2^2 + 5^4 + 14^1 + 21^0 + 24^1 = 22 + 54 + 141 + 210 + 241 & 668 &:= 2^4 + 5^0 + 17^2 + 19^2 + 23^0 = 24 + 50 + 172 + 192 + 230 \\ 668 &:= 2^2 + 5^4 + 15^1 + 21^0 + 23^1 = 22 + 54 + 151 + 210 + 231 & 668 &:= 2^4 + 5^1 + 13^0 + 21^1 + 25^2 = 24 + 51 + 130 + 211 + 252 \\ 668 &:= 2^2 + 5^4 + 16^1 + 21^0 + 22^1 = 22 + 54 + 161 + 210 + 221 & 668 &:= 2^4 + 5^2 + 10^0 + 24^0 + 25^2 = 24 + 52 + 100 + 240 + 252 \\ 668 &:= 2^2 + 5^4 + 17^1 + 21^0 + 21^1 = 22 + 54 + 171 + 210 + 211 & 668 &:= 2^4 + 5^2 + 11^0 + 23^0 + 25^2 = 24 + 52 + 110 + 230 + 252 \\ 668 &:= 2^2 + 5^4 + 18^1 + 20^1 + 21^0 = 22 + 54 + 181 + 201 + 210 & 668 &:= 2^4 + 5^2 + 12^0 + 22^0 + 25^2 = 24 + 52 + 120 + 220 + 252 \\ 668 &:= 2^2 + 5^4 + 19^1 + 19^1 + 21^0 = 22 + 54 + 191 + 191 + 210 & 668 &:= 2^4 + 5^2 + 13^0 + 21^0 + 25^2 = 24 + 52 + 130 + 210 + 252 \\ 668 &:= 2^3 + 11^1 + 17^0 + 18^2 + 18^2 = 23 + 111 + 170 + 182 + 182 & 668 &:= 2^4 + 5^2 + 14^0 + 20^0 + 25^2 = 24 + 52 + 140 + 200 + 252 \\ 668 &:= 2^3 + 3^1 + 16^2 + 20^2 + 25^0 = 23 + 31 + 162 + 202 + 250 & 668 &:= 2^4 + 5^2 + 15^0 + 19^0 + 25^2 = 24 + 52 + 150 + 190 + 252 \\ 668 &:= 2^3 + 3^2 + 11^0 + 25^1 + 25^2 = 23 + 32 + 110 + 251 + 252 & 668 &:= 2^4 + 5^2 + 16^0 + 18^0 + 25^2 = 24 + 52 + 160 + 180 + 252 \\ 668 &:= 2^3 + 4^2 + 17^0 + 18^1 + 25^2 = 23 + 42 + 170 + 181 + 252 & 668 &:= 2^4 + 5^2 + 17^0 + 17^0 + 25^2 = 24 + 52 + 170 + 170 + 252 \end{aligned}$$

$$\begin{aligned} 668 &:= 2^4 + 5^2 + 7^0 + 25^2 + 27^0 = 24 + 52 + 70 + 252 + 270 & 668 &:= 3^1 + 4^2 + 15^2 + 20^2 + 24^1 = 31 + 42 + 152 + 202 + 241 \\ 668 &:= 2^4 + 5^2 + 8^0 + 25^2 + 26^0 = 24 + 52 + 80 + 252 + 260 & 668 &:= 3^1 + 5^2 + 16^2 + 19^2 + 23^1 = 31 + 52 + 162 + 192 + 231 \\ 668 &:= 2^4 + 5^2 + 9^0 + 25^0 + 25^2 = 24 + 52 + 90 + 250 + 252 & 668 &:= 3^1 + 5^3 + 8^3 + 23^0 + 27^1 = 31 + 53 + 83 + 230 + 271 \\ 668 &:= 2^4 + 6^0 + 11^2 + 23^2 + 24^0 = 24 + 60 + 112 + 232 + 240 & 668 &:= 3^1 + 6^2 + 11^2 + 22^2 + 24^1 = 31 + 62 + 112 + 222 + 241 \\ 668 &:= 2^4 + 6^0 + 17^2 + 19^2 + 22^0 = 24 + 60 + 172 + 192 + 220 & 668 &:= 3^1 + 8^2 + 16^2 + 18^2 + 21^1 = 31 + 82 + 162 + 182 + 211 \\ 668 &:= 2^4 + 6^1 + 13^0 + 20^1 + 25^2 = 24 + 61 + 130 + 201 + 252 & 668 &:= 3^1 + 9^2 + 11^2 + 21^2 + 22^1 = 31 + 92 + 112 + 212 + 221 \\ 668 &:= 2^4 + 7^0 + 11^2 + 23^0 + 23^2 = 24 + 70 + 112 + 230 + 232 & 668 &:= 3^2 + 10^1 + 10^2 + 20^1 + 23^2 = 32 + 101 + 102 + 201 + 232 \\ 668 &:= 2^4 + 7^0 + 17^2 + 19^2 + 21^0 = 24 + 70 + 172 + 192 + 210 & 668 &:= 3^2 + 10^2 + 11^1 + 19^1 + 23^2 = 32 + 102 + 111 + 191 + 232 \\ 668 &:= 2^4 + 7^1 + 13^0 + 19^1 + 25^2 = 24 + 71 + 130 + 191 + 252 & 668 &:= 3^2 + 10^2 + 12^1 + 18^1 + 23^2 = 32 + 102 + 121 + 181 + 232 \\ 668 &:= 2^4 + 8^0 + 11^2 + 22^0 + 23^2 = 24 + 80 + 112 + 220 + 232 & 668 &:= 3^2 + 10^2 + 13^1 + 17^1 + 23^2 = 32 + 102 + 131 + 171 + 232 \\ 668 &:= 2^4 + 8^0 + 17^2 + 19^2 + 20^0 = 24 + 80 + 172 + 192 + 200 & 668 &:= 3^2 + 10^2 + 14^1 + 16^1 + 23^2 = 32 + 102 + 141 + 161 + 232 \\ 668 &:= 2^4 + 8^1 + 13^0 + 18^1 + 25^2 = 24 + 81 + 130 + 181 + 252 & 668 &:= 3^2 + 10^2 + 15^1 + 15^1 + 23^2 = 32 + 102 + 151 + 151 + 232 \\ 668 &:= 2^4 + 9^0 + 11^2 + 21^0 + 23^2 = 24 + 90 + 112 + 210 + 232 & 668 &:= 3^2 + 12^2 + 15^2 + 17^2 + 19^0 = 32 + 122 + 152 + 172 + 190 \\ 668 &:= 2^4 + 9^0 + 17^2 + 19^0 + 19^2 = 24 + 90 + 172 + 190 + 192 & 668 &:= 3^2 + 3^4 + 10^0 + 24^2 + 26^0 = 32 + 34 + 100 + 242 + 260 \\ 668 &:= 2^4 + 9^1 + 13^0 + 17^1 + 25^2 = 24 + 91 + 130 + 171 + 252 & 668 &:= 3^2 + 3^4 + 11^0 + 24^2 + 25^0 = 32 + 34 + 110 + 242 + 250 \\ 668 &:= 2^5 + 3^0 + 9^1 + 25^2 + 27^0 = 25 + 30 + 91 + 252 + 270 & 668 &:= 3^2 + 3^4 + 12^0 + 24^0 + 24^2 = 32 + 34 + 120 + 240 + 242 \\ 668 &:= 2^5 + 4^0 + 9^1 + 25^2 + 26^0 = 25 + 40 + 91 + 252 + 260 & 668 &:= 3^2 + 3^4 + 13^0 + 23^0 + 24^2 = 32 + 34 + 130 + 230 + 242 \\ 668 &:= 2^5 + 5^0 + 9^1 + 25^0 + 25^2 = 25 + 50 + 91 + 250 + 252 & 668 &:= 3^2 + 3^4 + 14^0 + 22^0 + 24^2 = 32 + 34 + 140 + 220 + 242 \\ 668 &:= 2^5 + 6^0 + 9^1 + 24^0 + 25^2 = 25 + 60 + 91 + 240 + 252 & 668 &:= 3^2 + 3^4 + 15^0 + 21^0 + 24^2 = 32 + 34 + 150 + 210 + 242 \\ 668 &:= 2^5 + 7^0 + 9^1 + 23^0 + 25^2 = 25 + 70 + 91 + 230 + 252 & 668 &:= 3^2 + 3^4 + 16^0 + 20^0 + 24^2 = 32 + 34 + 160 + 200 + 242 \\ 668 &:= 2^5 + 8^0 + 9^1 + 22^0 + 25^2 = 25 + 80 + 91 + 220 + 252 & 668 &:= 3^2 + 3^4 + 17^0 + 19^0 + 24^2 = 32 + 34 + 170 + 190 + 242 \\ 668 &:= 2^5 + 9^0 + 9^1 + 21^0 + 25^2 = 25 + 90 + 91 + 210 + 252 & 668 &:= 3^2 + 3^4 + 18^0 + 18^0 + 24^2 = 32 + 34 + 180 + 180 + 242 \\ 668 &:= 2^5 + 9^1 + 10^0 + 20^0 + 25^2 = 25 + 91 + 100 + 200 + 252 & 668 &:= 3^2 + 3^4 + 9^0 + 24^2 + 27^0 = 32 + 34 + 90 + 242 + 270 \\ 668 &:= 2^5 + 9^1 + 11^0 + 19^0 + 25^2 = 25 + 91 + 110 + 190 + 252 & 668 &:= 3^2 + 4^1 + 10^2 + 23^2 + 26^1 = 32 + 41 + 102 + 232 + 261 \\ 668 &:= 2^5 + 9^1 + 12^0 + 18^0 + 25^2 = 25 + 91 + 120 + 180 + 252 & 668 &:= 3^2 + 4^3 + 17^0 + 18^1 + 24^2 = 32 + 43 + 170 + 181 + 242 \\ 668 &:= 2^5 + 9^1 + 13^0 + 17^0 + 25^2 = 25 + 91 + 130 + 170 + 252 & 668 &:= 3^2 + 5^1 + 10^2 + 23^2 + 25^1 = 32 + 51 + 102 + 232 + 251 \\ 668 &:= 2^5 + 9^1 + 14^0 + 16^0 + 25^2 = 25 + 91 + 140 + 160 + 252 & 668 &:= 3^2 + 5^4 + 10^1 + 23^1 + 25^0 = 32 + 54 + 101 + 231 + 250 \\ 668 &:= 2^5 + 9^1 + 15^0 + 15^0 + 25^2 = 25 + 91 + 150 + 150 + 252 & 668 &:= 3^2 + 5^4 + 11^1 + 22^1 + 25^0 = 32 + 54 + 111 + 221 + 250 \\ 668 &:= 2^6 + 2^9 + 8^2 + 26^0 + 27^1 = 26 + 29 + 82 + 260 + 271 & 668 &:= 3^2 + 5^4 + 12^1 + 21^1 + 25^0 = 32 + 54 + 121 + 211 + 250 \\ 668 &:= 2^7 + 2^8 + 16^2 + 18^0 + 27^1 = 27 + 28 + 162 + 180 + 271 & 668 &:= 3^2 + 5^4 + 13^1 + 20^1 + 25^0 = 32 + 54 + 131 + 201 + 250 \\ 668 &:= 3^0 + 3^4 + 12^2 + 21^2 + 27^0 = 30 + 34 + 122 + 212 + 270 & 668 &:= 3^2 + 5^4 + 14^1 + 19^1 + 25^0 = 32 + 54 + 141 + 191 + 250 \\ 668 &:= 3^0 + 3^5 + 17^0 + 20^2 + 23^1 = 30 + 35 + 170 + 202 + 231 & 668 &:= 3^2 + 5^4 + 15^1 + 18^1 + 25^0 = 32 + 54 + 151 + 181 + 250 \\ 668 &:= 3^0 + 4^3 + 17^2 + 17^2 + 25^1 = 30 + 43 + 172 + 172 + 251 & 668 &:= 3^2 + 5^4 + 16^1 + 17^1 + 25^0 = 32 + 54 + 161 + 171 + 250 \\ 668 &:= 3^1 + 10^2 + 12^2 + 20^2 + 21^1 = 31 + 102 + 122 + 202 + 211 & 668 &:= 3^2 + 5^4 + 6^1 + 25^0 + 27^1 = 32 + 54 + 61 + 250 + 271 \\ 668 &:= 3^1 + 10^2 + 16^2 + 17^2 + 20^1 = 31 + 102 + 162 + 172 + 201 & 668 &:= 3^2 + 5^4 + 7^1 + 25^0 + 26^1 = 32 + 54 + 71 + 250 + 261 \\ 668 &:= 3^1 + 14^2 + 15^2 + 15^2 + 19^1 = 31 + 142 + 152 + 152 + 191 & 668 &:= 3^2 + 5^4 + 8^1 + 25^0 + 25^1 = 32 + 54 + 81 + 250 + 251 \\ 668 &:= 3^1 + 3^2 + 10^2 + 23^2 + 27^1 = 31 + 32 + 102 + 232 + 271 & 668 &:= 3^2 + 5^4 + 9^1 + 24^1 + 25^0 = 32 + 54 + 91 + 241 + 250 \\ 668 &:= 3^1 + 3^3 + 14^2 + 21^2 + 25^0 = 31 + 33 + 142 + 212 + 250 & 668 &:= 3^2 + 6^1 + 10^2 + 23^2 + 24^1 = 32 + 61 + 102 + 232 + 241 \end{aligned}$$

$$\begin{aligned} 668 &:= 3^2 + 7^1 + 10^2 + 23^1 + 23^2 = 32 + 71 + 102 + 231 + 232 & 668 &:= 4^1 + 4^2 + 15^2 + 20^2 + 23^1 = 41 + 42 + 152 + 202 + 231 \\ 668 &:= 3^2 + 7^3 + 13^0 + 17^2 + 26^1 = 32 + 73 + 130 + 172 + 261 & 668 &:= 4^1 + 5^2 + 16^2 + 19^2 + 22^1 = 41 + 52 + 162 + 192 + 221 \\ 668 &:= 3^2 + 8^1 + 10^2 + 22^1 + 23^2 = 32 + 81 + 102 + 221 + 232 & 668 &:= 4^1 + 5^2 + 6^2 + 24^2 + 27^1 = 41 + 52 + 62 + 242 + 271 \\ 668 &:= 3^2 + 8^3 + 11^2 + 19^0 + 25^1 = 32 + 83 + 112 + 190 + 251 & 668 &:= 4^1 + 5^3 + 8^3 + 23^0 + 26^1 = 41 + 53 + 83 + 230 + 261 \\ 668 &:= 3^2 + 9^1 + 10^2 + 21^1 + 23^2 = 32 + 91 + 102 + 211 + 232 & 668 &:= 4^1 + 6^2 + 11^2 + 22^2 + 23^1 = 41 + 62 + 112 + 222 + 231 \\ 668 &:= 3^3 + 10^2 + 11^1 + 19^0 + 23^2 = 33 + 102 + 111 + 190 + 232 & 668 &:= 4^1 + 8^2 + 16^2 + 18^2 + 20^1 = 41 + 82 + 162 + 182 + 201 \\ 668 &:= 3^3 + 12^1 + 12^2 + 17^0 + 22^2 = 33 + 121 + 122 + 170 + 222 & 668 &:= 4^1 + 9^2 + 11^2 + 21^1 + 21^2 = 41 + 92 + 112 + 211 + 212 \\ 668 &:= 3^3 + 13^0 + 15^1 + 15^2 + 20^2 = 33 + 130 + 151 + 152 + 202 & 668 &:= 4^2 + 10^1 + 15^2 + 17^1 + 20^2 = 42 + 101 + 152 + 171 + 202 \\ 668 &:= 3^3 + 5^0 + 16^2 + 19^2 + 23^1 = 33 + 50 + 162 + 192 + 231 & 668 &:= 4^2 + 11^1 + 15^2 + 16^1 + 20^2 = 42 + 111 + 152 + 161 + 202 \\ 668 &:= 3^3 + 5^4 + 14^1 + 17^0 + 27^0 = 33 + 54 + 141 + 170 + 270 & 668 &:= 4^2 + 11^2 + 13^2 + 19^0 + 19^2 = 42 + 112 + 132 + 190 + 192 \\ 668 &:= 3^3 + 5^4 + 14^1 + 18^0 + 26^0 = 33 + 54 + 141 + 180 + 260 & 668 &:= 4^2 + 12^1 + 15^1 + 15^2 + 20^2 = 42 + 121 + 151 + 152 + 202 \\ 668 &:= 3^3 + 5^4 + 14^1 + 19^0 + 25^0 = 33 + 54 + 141 + 190 + 250 & 668 &:= 4^2 + 13^1 + 14^1 + 15^2 + 20^2 = 42 + 131 + 141 + 152 + 202 \\ 668 &:= 3^3 + 5^4 + 14^1 + 20^0 + 24^0 = 33 + 54 + 141 + 200 + 240 & 668 &:= 4^2 + 4^3 + 11^1 + 23^0 + 24^2 = 42 + 43 + 111 + 230 + 242 \\ 668 &:= 3^3 + 5^4 + 14^1 + 21^0 + 23^0 = 33 + 54 + 141 + 210 + 230 & 668 &:= 4^2 + 5^1 + 15^2 + 20^2 + 22^1 = 42 + 51 + 152 + 202 + 221 \\ 668 &:= 3^3 + 5^4 + 14^1 + 22^0 + 22^0 = 33 + 54 + 141 + 220 + 220 & 668 &:= 4^2 + 5^2 + 5^4 + 25^0 + 27^0 = 42 + 52 + 54 + 250 + 270 \\ 668 &:= 3^3 + 7^2 + 15^1 + 17^0 + 24^2 = 33 + 72 + 151 + 170 + 242 & 668 &:= 4^2 + 5^2 + 5^4 + 26^0 + 26^0 = 42 + 52 + 54 + 260 + 260 \\ 668 &:= 3^4 + 10^0 + 12^2 + 20^0 + 21^2 = 34 + 100 + 122 + 200 + 212 & 668 &:= 4^2 + 6^1 + 15^2 + 20^2 + 21^1 = 42 + 61 + 152 + 202 + 211 \\ 668 &:= 3^4 + 11^0 + 12^2 + 19^0 + 21^2 = 34 + 110 + 122 + 190 + 212 & 668 &:= 4^2 + 7^1 + 15^2 + 20^1 + 20^2 = 42 + 71 + 152 + 201 + 202 \\ 668 &:= 3^4 + 12^0 + 12^2 + 18^0 + 21^2 = 34 + 120 + 122 + 180 + 212 & 668 &:= 4^2 + 7^3 + 17^2 + 19^0 + 19^1 = 42 + 73 + 172 + 190 + 191 \\ 668 &:= 3^4 + 12^2 + 13^0 + 17^0 + 21^2 = 34 + 122 + 130 + 170 + 212 & 668 &:= 4^2 + 8^1 + 15^2 + 19^1 + 20^2 = 42 + 81 + 152 + 191 + 202 \\ 668 &:= 3^4 + 12^2 + 14^0 + 16^0 + 21^2 = 34 + 122 + 140 + 160 + 212 & 668 &:= 4^2 + 8^3 + 11^2 + 18^1 + 25^0 = 42 + 83 + 112 + 181 + 250 \\ 668 &:= 3^4 + 12^2 + 15^0 + 15^0 + 21^2 = 34 + 122 + 150 + 150 + 212 & 668 &:= 4^2 + 9^1 + 15^2 + 18^1 + 20^2 = 42 + 91 + 152 + 181 + 202 \\ 668 &:= 3^4 + 4^0 + 12^2 + 21^2 + 26^0 = 34 + 40 + 122 + 212 + 260 & 668 &:= 4^3 + 10^2 + 11^0 + 19^1 + 22^2 = 43 + 102 + 110 + 191 + 222 \\ 668 &:= 3^4 + 5^0 + 12^2 + 21^2 + 25^0 = 34 + 50 + 122 + 212 + 250 & 668 &:= 4^3 + 11^0 + 12^2 + 18^1 + 21^2 = 43 + 110 + 122 + 181 + 212 \\ 668 &:= 3^4 + 6^0 + 12^2 + 21^2 + 24^0 = 34 + 60 + 122 + 212 + 240 & 668 &:= 4^3 + 11^0 + 15^2 + 17^1 + 19^2 = 43 + 110 + 152 + 171 + 192 \\ 668 &:= 3^4 + 7^0 + 12^2 + 21^2 + 23^0 = 34 + 70 + 122 + 212 + 230 & 668 &:= 4^3 + 5^0 + 16^2 + 18^2 + 23^1 = 43 + 50 + 162 + 182 + 231 \\ 668 &:= 3^4 + 8^0 + 12^2 + 21^2 + 22^0 = 34 + 80 + 122 + 212 + 220 & 668 &:= 4^3 + 7^0 + 7^2 + 23^2 + 25^1 = 43 + 70 + 72 + 232 + 251 \\ 668 &:= 3^4 + 9^0 + 12^2 + 21^0 + 21^2 = 34 + 90 + 122 + 210 + 212 & 668 &:= 4^3 + 7^1 + 14^2 + 20^2 + 21^0 = 43 + 71 + 142 + 202 + 210 \\ 668 &:= 3^5 + 10^0 + 10^0 + 20^2 + 23^1 = 35 + 100 + 100 + 202 + 231 & 668 &:= 4^3 + 8^2 + 10^1 + 21^0 + 23^2 = 43 + 82 + 101 + 210 + 232 \\ 668 &:= 3^5 + 4^0 + 16^0 + 20^2 + 23^1 = 35 + 40 + 160 + 202 + 231 & 668 &:= 4^4 + 10^0 + 11^2 + 17^2 + 24^0 = 44 + 100 + 112 + 172 + 240 \\ 668 &:= 3^5 + 5^0 + 15^0 + 20^2 + 23^1 = 35 + 50 + 150 + 202 + 231 & 668 &:= 4^4 + 11^0 + 11^2 + 17^2 + 23^0 = 44 + 110 + 112 + 172 + 230 \\ 668 &:= 3^5 + 6^0 + 14^0 + 20^2 + 23^1 = 35 + 60 + 140 + 202 + 231 & 668 &:= 4^4 + 11^2 + 12^0 + 17^2 + 22^0 = 44 + 112 + 120 + 172 + 220 \\ 668 &:= 3^5 + 7^0 + 13^0 + 20^2 + 23^1 = 35 + 70 + 130 + 202 + 231 & 668 &:= 4^4 + 11^2 + 13^0 + 17^2 + 21^0 = 44 + 112 + 130 + 172 + 210 \\ 668 &:= 3^5 + 8^0 + 12^0 + 20^2 + 23^1 = 35 + 80 + 120 + 202 + 231 & 668 &:= 4^4 + 11^2 + 14^0 + 17^2 + 20^0 = 44 + 112 + 140 + 172 + 200 \\ 668 &:= 3^5 + 9^0 + 11^0 + 20^2 + 23^1 = 35 + 90 + 110 + 202 + 231 & 668 &:= 4^4 + 11^2 + 15^0 + 17^2 + 19^0 = 44 + 112 + 150 + 172 + 190 \\ 668 &:= 4^1 + 10^2 + 12^2 + 20^1 + 20^2 = 41 + 102 + 122 + 201 + 202 & 668 &:= 4^4 + 11^2 + 16^0 + 17^2 + 18^0 = 44 + 112 + 160 + 172 + 180 \\ 668 &:= 4^1 + 10^2 + 16^2 + 17^2 + 19^1 = 41 + 102 + 162 + 172 + 191 & 668 &:= 4^4 + 11^2 + 17^0 + 17^0 + 17^2 = 44 + 112 + 170 + 170 + 172 \\ 668 &:= 4^1 + 14^2 + 15^2 + 15^2 + 18^1 = 41 + 142 + 152 + 152 + 181 & 668 &:= 4^4 + 7^0 + 11^2 + 17^2 + 27^0 = 44 + 70 + 112 + 172 + 270 \end{aligned}$$

$668 := 4^4 + 7^2 + 10^0 + 19^2 + 26^0 = 44 + 72 + 100 + 192 + 260$	$668 := 5^2 + 6^2 + 8^1 + 23^1 + 24^2 = 52 + 62 + 81 + 231 + 242$
$668 := 4^4 + 7^2 + 11^0 + 19^2 + 25^0 = 44 + 72 + 110 + 192 + 250$	$668 := 5^2 + 6^2 + 9^1 + 22^1 + 24^2 = 52 + 62 + 91 + 221 + 242$
$668 := 4^4 + 7^2 + 12^0 + 19^2 + 24^0 = 44 + 72 + 120 + 192 + 240$	$668 := 5^2 + 6^3 + 9^0 + 20^2 + 26^1 = 52 + 63 + 90 + 202 + 261$
$668 := 4^4 + 7^2 + 13^0 + 19^2 + 23^0 = 44 + 72 + 130 + 192 + 230$	$668 := 5^2 + 7^1 + 16^2 + 19^1 + 19^2 = 52 + 71 + 162 + 191 + 192$
$668 := 4^4 + 7^2 + 14^0 + 19^2 + 22^0 = 44 + 72 + 140 + 192 + 220$	$668 := 5^2 + 7^2 + 8^2 + 23^0 + 23^2 = 52 + 72 + 82 + 230 + 232$
$668 := 4^4 + 7^2 + 15^0 + 19^2 + 21^0 = 44 + 72 + 150 + 192 + 210$	$668 := 5^2 + 7^3 + 10^1 + 17^2 + 27^0 = 52 + 73 + 101 + 172 + 270$
$668 := 4^4 + 7^2 + 16^0 + 19^2 + 20^0 = 44 + 72 + 160 + 192 + 200$	$668 := 5^2 + 8^1 + 16^2 + 18^1 + 19^2 = 52 + 81 + 162 + 181 + 192$
$668 := 4^4 + 7^2 + 17^0 + 19^0 + 19^2 = 44 + 72 + 170 + 190 + 192$	$668 := 5^2 + 8^2 + 17^2 + 17^2 + 19^0 = 52 + 82 + 172 + 172 + 190$
$668 := 4^4 + 7^2 + 18^0 + 18^0 + 19^2 = 44 + 72 + 180 + 180 + 192$	$668 := 5^2 + 9^1 + 16^2 + 17^1 + 19^2 = 52 + 91 + 162 + 171 + 192$
$668 := 4^4 + 7^2 + 9^0 + 19^2 + 27^0 = 44 + 72 + 90 + 192 + 270$	$668 := 5^3 + 12^1 + 13^2 + 17^0 + 19^2 = 53 + 121 + 132 + 170 + 192$
$668 := 4^4 + 8^0 + 11^2 + 17^2 + 26^0 = 44 + 80 + 112 + 172 + 260$	$668 := 5^3 + 6^1 + 8^3 + 23^0 + 24^1 = 53 + 61 + 83 + 230 + 241$
$668 := 4^4 + 9^0 + 11^2 + 17^2 + 25^0 = 44 + 90 + 112 + 172 + 250$	$668 := 5^3 + 6^2 + 11^0 + 22^1 + 22^2 = 53 + 62 + 110 + 221 + 222$
$668 := 5^0 + 6^3 + 10^2 + 18^2 + 27^1 = 50 + 63 + 102 + 182 + 271$	$668 := 5^3 + 7^0 + 14^2 + 18^2 + 22^1 = 53 + 70 + 142 + 182 + 221$
$668 := 5^0 + 6^3 + 13^2 + 16^2 + 26^1 = 50 + 63 + 132 + 162 + 261$	$668 := 5^3 + 7^1 + 8^3 + 23^0 + 23^1 = 53 + 71 + 83 + 230 + 231$
$668 := 5^1 + 10^2 + 12^2 + 19^1 + 20^2 = 51 + 102 + 122 + 191 + 202$	$668 := 5^3 + 7^2 + 9^1 + 22^2 + 23^0 = 53 + 72 + 91 + 222 + 230$
$668 := 5^1 + 10^2 + 16^2 + 17^2 + 18^1 = 51 + 102 + 162 + 172 + 181$	$668 := 5^3 + 8^1 + 8^3 + 22^1 + 23^0 = 53 + 81 + 83 + 221 + 230$
$668 := 5^1 + 14^2 + 15^2 + 15^2 + 17^1 = 51 + 142 + 152 + 152 + 171$	$668 := 5^3 + 8^3 + 10^1 + 20^1 + 23^0 = 53 + 83 + 101 + 201 + 230$
$668 := 5^1 + 5^2 + 16^2 + 19^2 + 21^1 = 51 + 52 + 162 + 192 + 211$	$668 := 5^3 + 8^3 + 11^1 + 19^1 + 23^0 = 53 + 83 + 111 + 191 + 230$
$668 := 5^1 + 5^2 + 6^2 + 24^2 + 26^1 = 51 + 52 + 62 + 242 + 261$	$668 := 5^3 + 8^3 + 12^1 + 18^1 + 23^0 = 53 + 83 + 121 + 181 + 230$
$668 := 5^1 + 5^3 + 8^3 + 23^0 + 25^1 = 51 + 53 + 83 + 230 + 251$	$668 := 5^3 + 8^3 + 13^1 + 17^1 + 23^0 = 53 + 83 + 131 + 171 + 230$
$668 := 5^1 + 6^2 + 11^2 + 22^1 + 22^2 = 51 + 62 + 112 + 221 + 222$	$668 := 5^3 + 8^3 + 14^1 + 16^1 + 23^0 = 53 + 83 + 141 + 161 + 230$
$668 := 5^1 + 8^2 + 16^2 + 18^2 + 19^1 = 51 + 82 + 162 + 182 + 191$	$668 := 5^3 + 8^3 + 15^1 + 15^1 + 23^0 = 53 + 83 + 151 + 151 + 230$
$668 := 5^1 + 9^2 + 11^2 + 20^1 + 21^2 = 51 + 92 + 112 + 201 + 212$	$668 := 5^3 + 8^3 + 9^1 + 21^1 + 23^0 = 53 + 83 + 91 + 211 + 230$
$668 := 5^2 + 10^1 + 16^1 + 16^2 + 19^2 = 52 + 101 + 161 + 162 + 192$	$668 := 5^3 + 9^0 + 11^2 + 20^2 + 21^1 = 53 + 90 + 112 + 202 + 211$
$668 := 5^2 + 11^1 + 15^1 + 16^2 + 19^2 = 52 + 111 + 151 + 162 + 192$	$668 := 5^3 + 9^2 + 11^0 + 20^1 + 21^2 = 53 + 92 + 110 + 201 + 212$
$668 := 5^2 + 11^2 + 11^2 + 19^0 + 20^2 = 52 + 112 + 112 + 190 + 202$	$668 := 6^1 + 10^2 + 12^2 + 18^1 + 20^2 = 61 + 102 + 122 + 181 + 202$
$668 := 5^2 + 12^1 + 14^1 + 16^2 + 19^2 = 52 + 121 + 141 + 162 + 192$	$668 := 6^1 + 10^2 + 16^2 + 17^1 + 17^2 = 61 + 102 + 162 + 171 + 172$
$668 := 5^2 + 13^1 + 13^1 + 16^2 + 19^2 = 52 + 131 + 131 + 162 + 192$	$668 := 6^1 + 14^2 + 15^2 + 15^2 + 16^1 = 61 + 142 + 152 + 152 + 161$
$668 := 5^2 + 5^2 + 16^2 + 19^2 + 21^0 = 52 + 52 + 162 + 192 + 210$	$668 := 6^1 + 6^2 + 11^2 + 21^1 + 22^2 = 61 + 62 + 112 + 211 + 222$
$668 := 5^2 + 6^1 + 16^2 + 19^2 + 20^1 = 52 + 61 + 162 + 192 + 201$	$668 := 6^1 + 6^3 + 11^2 + 18^2 + 25^0 = 61 + 63 + 112 + 182 + 250$
$668 := 5^2 + 6^1 + 6^2 + 24^2 + 25^1 = 52 + 61 + 62 + 242 + 251$	$668 := 6^1 + 8^2 + 16^2 + 18^1 + 18^2 = 61 + 82 + 162 + 181 + 182$
$668 := 5^2 + 6^2 + 10^1 + 21^1 + 24^2 = 52 + 62 + 101 + 211 + 242$	$668 := 6^1 + 9^2 + 11^2 + 19^1 + 21^2 = 61 + 92 + 112 + 191 + 212$
$668 := 5^2 + 6^2 + 11^1 + 20^1 + 24^2 = 52 + 62 + 111 + 201 + 242$	$668 := 6^2 + 10^1 + 11^2 + 17^1 + 22^2 = 62 + 101 + 112 + 171 + 222$
$668 := 5^2 + 6^2 + 12^1 + 19^1 + 24^2 = 52 + 62 + 121 + 191 + 242$	$668 := 6^2 + 11^1 + 11^2 + 16^1 + 22^2 = 62 + 111 + 112 + 161 + 222$
$668 := 5^2 + 6^2 + 13^1 + 18^1 + 24^2 = 52 + 62 + 131 + 181 + 242$	$668 := 6^2 + 11^2 + 12^1 + 15^1 + 22^2 = 62 + 112 + 121 + 151 + 222$
$668 := 5^2 + 6^2 + 14^1 + 17^1 + 24^2 = 52 + 62 + 141 + 171 + 242$	$668 := 6^2 + 11^2 + 13^1 + 14^1 + 22^2 = 62 + 112 + 131 + 141 + 222$
$668 := 5^2 + 6^2 + 15^1 + 16^1 + 24^2 = 52 + 62 + 151 + 161 + 242$	$668 := 6^2 + 6^3 + 15^1 + 19^0 + 20^2 = 62 + 63 + 151 + 190 + 202$
$668 := 5^2 + 6^2 + 7^1 + 24^1 + 24^2 = 52 + 62 + 71 + 241 + 242$	$668 := 6^2 + 7^1 + 11^2 + 20^1 + 22^2 = 62 + 71 + 112 + 201 + 222$

$$\begin{aligned}
 668 &:= 6^2 + 8^1 + 11^2 + 19^1 + 22^2 = 62 + 81 + 112 + 191 + 222 \\
 668 &:= 6^2 + 8^3 + 10^2 + 19^1 + 23^0 = 62 + 83 + 102 + 191 + 230 \\
 668 &:= 6^2 + 9^1 + 11^2 + 18^1 + 22^2 = 62 + 91 + 112 + 181 + 222 \\
 668 &:= 6^3 + 12^2 + 13^0 + 17^2 + 18^1 = 63 + 122 + 130 + 172 + 181 \\
 668 &:= 6^3 + 7^0 + 8^2 + 19^2 + 26^1 = 63 + 70 + 82 + 192 + 261 \\
 668 &:= 6^3 + 9^1 + 9^2 + 19^2 + 23^0 = 63 + 91 + 92 + 192 + 230 \\
 668 &:= 7^1 + 10^2 + 12^2 + 17^1 + 20^2 = 71 + 102 + 122 + 171 + 202 \\
 668 &:= 7^1 + 10^2 + 16^1 + 16^2 + 17^2 = 71 + 102 + 161 + 162 + 172 \\
 668 &:= 7^1 + 14^2 + 15^1 + 15^2 + 15^2 = 71 + 142 + 151 + 152 + 152 \\
 668 &:= 7^1 + 7^3 + 11^2 + 14^2 + 27^0 = 71 + 73 + 112 + 142 + 270 \\
 668 &:= 7^1 + 8^2 + 16^2 + 17^1 + 18^2 = 71 + 82 + 162 + 171 + 182 \\
 668 &:= 7^1 + 9^2 + 11^2 + 18^1 + 21^2 = 71 + 92 + 112 + 181 + 212 \\
 668 &:= 7^2 + 7^2 + 13^2 + 19^0 + 20^2 = 72 + 72 + 132 + 190 + 202 \\
 668 &:= 7^2 + 7^3 + 16^2 + 17^0 + 19^1 = 72 + 73 + 162 + 170 + 191 \\
 668 &:= 7^2 + 8^3 + 9^2 + 17^0 + 25^1 = 72 + 83 + 92 + 170 + 251 \\
 668 &:= 7^3 + 11^1 + 12^2 + 13^2 + 23^0 = 73 + 111 + 122 + 132 + 230 \\
 668 &:= 7^3 + 9^2 + 15^2 + 17^0 + 18^1 = 73 + 92 + 152 + 170 + 181 \\
 668 &:= 8^1 + 10^2 + 12^2 + 16^1 + 20^2 = 81 + 102 + 122 + 161 + 202 \\
 668 &:= 8^1 + 10^2 + 15^1 + 16^2 + 17^2 = 81 + 102 + 151 + 162 + 172
 \end{aligned}$$

$$\begin{aligned}
 668 &:= 8^1 + 14^1 + 14^2 + 15^2 + 15^2 = 81 + 141 + 142 + 152 + 152 \\
 668 &:= 8^1 + 8^2 + 16^1 + 16^2 + 18^2 = 81 + 82 + 161 + 162 + 182 \\
 668 &:= 8^1 + 9^2 + 11^2 + 17^1 + 21^2 = 81 + 92 + 112 + 171 + 212 \\
 668 &:= 8^2 + 10^1 + 14^1 + 16^2 + 18^2 = 82 + 101 + 141 + 162 + 182 \\
 668 &:= 8^2 + 11^1 + 13^1 + 16^2 + 18^2 = 82 + 111 + 131 + 162 + 182 \\
 668 &:= 8^2 + 11^2 + 11^2 + 17^0 + 19^2 = 82 + 112 + 112 + 170 + 192 \\
 668 &:= 8^2 + 12^1 + 12^1 + 16^2 + 18^2 = 82 + 121 + 121 + 162 + 182 \\
 668 &:= 8^2 + 8^2 + 8^3 + 15^0 + 27^1 = 82 + 82 + 83 + 150 + 271 \\
 668 &:= 8^2 + 9^1 + 15^1 + 16^2 + 18^2 = 82 + 91 + 151 + 162 + 182 \\
 668 &:= 8^2 + 9^2 + 9^2 + 19^0 + 21^2 = 82 + 92 + 92 + 190 + 212 \\
 668 &:= 9^1 + 10^2 + 12^2 + 15^1 + 20^2 = 91 + 102 + 122 + 151 + 202 \\
 668 &:= 9^1 + 10^2 + 14^1 + 16^2 + 17^2 = 91 + 102 + 141 + 162 + 172 \\
 668 &:= 9^1 + 13^1 + 14^2 + 15^2 + 15^2 = 91 + 131 + 142 + 152 + 152 \\
 668 &:= 9^1 + 9^2 + 11^2 + 16^1 + 21^2 = 91 + 92 + 112 + 161 + 212 \\
 668 &:= 9^2 + 10^1 + 11^2 + 15^1 + 21^2 = 92 + 101 + 112 + 151 + 212 \\
 668 &:= 9^2 + 11^1 + 11^2 + 14^1 + 21^2 = 92 + 111 + 112 + 141 + 212 \\
 668 &:= 9^2 + 11^2 + 12^1 + 13^1 + 21^2 = 92 + 112 + 121 + 131 + 212 \\
 668 &:= 9^2 + 9^2 + 12^2 + 17^0 + 19^2 = 92 + 92 + 122 + 170 + 192
 \end{aligned}$$

2.2.570 Number 669

$$\begin{aligned}
 669 &:= 1^4 + 5^4 + 18^0 + 42^1 = 14 + 54 + 180 + 421 \\
 669 &:= 1^4 + 7^3 + 18^2 + 40^0 = 14 + 73 + 182 + 400 \\
 669 &:= 2^4 + 3^3 + 25^2 + 36^0 = 24 + 33 + 252 + 360 \\
 669 &:= 2^4 + 5^4 + 27^1 + 32^0 = 24 + 54 + 271 + 320 \\
 669 &:= 2^6 + 12^0 + 24^2 + 28^1 = 26 + 120 + 242 + 281 \\
 669 &:= 3^3 + 4^2 + 5^4 + 54^0 = 33 + 42 + 54 + 540 \\
 669 &:= 3^5 + 13^2 + 16^2 + 34^0 = 35 + 132 + 162 + 340 \\
 669 &:= 3^5 + 5^2 + 20^2 + 38^0 = 35 + 52 + 202 + 380 \\
 669 &:= 3^5 + 8^2 + 19^2 + 36^0 = 35 + 82 + 192 + 360 \\
 669 &:= 4^4 + 6^3 + 14^2 + 42^0 = 44 + 63 + 142 + 420 \\
 669 &:= 1^0 + 2^6 + 12^0 + 24^2 + 27^1 = 10 + 26 + 120 + 242 + 271 \\
 669 &:= 1^1 + 3^5 + 18^0 + 20^2 + 24^1 = 11 + 35 + 180 + 202 + 241 \\
 669 &:= 1^2 + 2^4 + 12^0 + 25^2 + 26^1 = 12 + 24 + 120 + 252 + 261 \\
 669 &:= 1^3 + 3^3 + 15^1 + 22^0 + 25^2 = 13 + 33 + 151 + 220 + 252 \\
 669 &:= 1^3 + 4^3 + 10^0 + 24^2 + 27^1 = 13 + 43 + 100 + 242 + 271 \\
 669 &:= 1^3 + 5^3 + 13^1 + 23^2 + 24^0 = 13 + 53 + 131 + 232 + 240
 \end{aligned}$$

$$\begin{aligned}
 669 &:= 1^3 + 5^4 + 15^1 + 18^0 + 27^1 = 13 + 54 + 151 + 180 + 271 \\
 669 &:= 1^3 + 5^4 + 16^1 + 18^0 + 26^1 = 13 + 54 + 161 + 180 + 261 \\
 669 &:= 1^3 + 5^4 + 17^1 + 18^0 + 25^1 = 13 + 54 + 171 + 180 + 251 \\
 669 &:= 1^3 + 5^4 + 18^0 + 18^1 + 24^1 = 13 + 54 + 180 + 181 + 241 \\
 669 &:= 1^3 + 5^4 + 18^0 + 19^1 + 23^1 = 13 + 54 + 180 + 191 + 231 \\
 669 &:= 1^3 + 5^4 + 18^0 + 20^1 + 22^1 = 13 + 54 + 180 + 201 + 221 \\
 669 &:= 1^3 + 5^4 + 18^0 + 21^1 + 21^1 = 13 + 54 + 180 + 211 + 211 \\
 669 &:= 1^3 + 9^2 + 15^2 + 19^2 + 22^0 = 13 + 92 + 152 + 192 + 220 \\
 669 &:= 1^4 + 10^0 + 18^2 + 18^2 + 19^1 = 14 + 100 + 182 + 182 + 191 \\
 669 &:= 1^4 + 11^1 + 16^2 + 18^0 + 20^2 = 14 + 111 + 162 + 180 + 202 \\
 669 &:= 1^4 + 11^2 + 14^0 + 17^1 + 23^2 = 14 + 112 + 140 + 171 + 232 \\
 669 &:= 1^4 + 12^0 + 17^1 + 17^2 + 19^2 = 14 + 120 + 171 + 172 + 192 \\
 669 &:= 1^4 + 13^2 + 14^1 + 16^0 + 22^2 = 14 + 132 + 141 + 160 + 222 \\
 669 &:= 1^4 + 4^2 + 10^0 + 25^2 + 26^1 = 14 + 42 + 100 + 252 + 261 \\
 669 &:= 1^4 + 5^2 + 17^1 + 18^0 + 25^2 = 14 + 52 + 171 + 180 + 252 \\
 669 &:= 1^4 + 6^0 + 8^2 + 24^2 + 27^1 = 14 + 60 + 82 + 242 + 271
 \end{aligned}$$

$$\begin{aligned} 669 &:= 1^4 + 9^2 + 10^1 + 22^0 + 24^2 = 14 + 92 + 101 + 220 + 242 \\ 669 &:= 1^5 + 10^0 + 15^2 + 19^0 + 21^2 = 15 + 100 + 152 + 190 + 212 \\ 669 &:= 1^5 + 11^0 + 15^2 + 18^0 + 21^2 = 15 + 110 + 152 + 180 + 212 \\ 669 &:= 1^5 + 12^0 + 15^2 + 17^0 + 21^2 = 15 + 120 + 152 + 170 + 212 \\ 669 &:= 1^5 + 13^0 + 15^2 + 16^0 + 21^2 = 15 + 130 + 152 + 160 + 212 \\ 669 &:= 1^5 + 14^0 + 15^0 + 15^2 + 21^2 = 15 + 140 + 150 + 152 + 212 \\ 669 &:= 1^5 + 2^0 + 15^2 + 21^2 + 27^0 = 15 + 20 + 152 + 212 + 270 \\ 669 &:= 1^5 + 3^0 + 15^2 + 21^2 + 26^0 = 15 + 30 + 152 + 212 + 260 \\ 669 &:= 1^5 + 4^0 + 15^2 + 21^2 + 25^0 = 15 + 40 + 152 + 212 + 250 \\ 669 &:= 1^5 + 5^0 + 15^2 + 21^2 + 24^0 = 15 + 50 + 152 + 212 + 240 \\ 669 &:= 1^5 + 6^0 + 15^2 + 21^2 + 23^0 = 15 + 60 + 152 + 212 + 230 \\ 669 &:= 1^5 + 7^0 + 15^2 + 21^2 + 22^0 = 15 + 70 + 152 + 212 + 220 \\ 669 &:= 1^5 + 8^0 + 15^2 + 21^0 + 21^2 = 15 + 80 + 152 + 210 + 212 \\ 669 &:= 1^5 + 9^0 + 15^2 + 20^0 + 21^2 = 15 + 90 + 152 + 200 + 212 \\ 669 &:= 1^6 + 1^9 + 15^2 + 21^2 + 27^0 = 16 + 19 + 152 + 212 + 270 \\ 669 &:= 1^7 + 1^8 + 15^2 + 21^2 + 27^0 = 17 + 18 + 152 + 212 + 270 \\ 669 &:= 1^8 + 2^7 + 8^3 + 27^0 + 27^1 = 18 + 27 + 83 + 270 + 271 \\ 669 &:= 2^0 + 2^4 + 15^2 + 20^2 + 27^1 = 20 + 24 + 152 + 202 + 271 \\ 669 &:= 2^0 + 2^6 + 11^0 + 24^2 + 27^1 = 20 + 26 + 110 + 242 + 271 \\ 669 &:= 2^1 + 2^4 + 17^2 + 19^2 + 26^0 = 21 + 24 + 172 + 192 + 260 \\ 669 &:= 2^1 + 3^5 + 18^0 + 20^2 + 23^1 = 21 + 35 + 180 + 202 + 231 \\ 669 &:= 2^2 + 2^3 + 16^2 + 20^2 + 26^0 = 22 + 23 + 162 + 202 + 260 \\ 669 &:= 2^2 + 2^4 + 14^0 + 23^1 + 25^2 = 22 + 24 + 140 + 231 + 252 \\ 669 &:= 2^2 + 3^3 + 14^2 + 21^2 + 26^0 = 22 + 33 + 142 + 212 + 260 \\ 669 &:= 2^2 + 5^3 + 8^3 + 24^0 + 27^1 = 22 + 53 + 83 + 240 + 271 \\ 669 &:= 2^3 + 2^3 + 10^0 + 25^2 + 27^1 = 23 + 23 + 100 + 252 + 271 \\ 669 &:= 2^3 + 4^3 + 16^0 + 20^1 + 24^2 = 23 + 43 + 160 + 201 + 242 \\ 669 &:= 2^3 + 5^4 + 10^1 + 24^0 + 25^1 = 23 + 54 + 101 + 240 + 251 \\ 669 &:= 2^3 + 5^4 + 11^1 + 24^0 + 24^1 = 23 + 54 + 111 + 240 + 241 \\ 669 &:= 2^3 + 5^4 + 12^1 + 23^1 + 24^0 = 23 + 54 + 121 + 231 + 240 \\ 669 &:= 2^3 + 5^4 + 13^1 + 22^1 + 24^0 = 23 + 54 + 131 + 221 + 240 \\ 669 &:= 2^3 + 5^4 + 14^1 + 21^1 + 24^0 = 23 + 54 + 141 + 211 + 240 \\ 669 &:= 2^3 + 5^4 + 15^1 + 20^1 + 24^0 = 23 + 54 + 151 + 201 + 240 \\ 669 &:= 2^3 + 5^4 + 16^1 + 19^1 + 24^0 = 23 + 54 + 161 + 191 + 240 \\ 669 &:= 2^3 + 5^4 + 17^1 + 18^1 + 24^0 = 23 + 54 + 171 + 181 + 240 \\ 669 &:= 2^3 + 5^4 + 8^1 + 24^0 + 27^1 = 23 + 54 + 81 + 240 + 271 \\ 669 &:= 2^3 + 5^4 + 9^1 + 24^0 + 26^1 = 23 + 54 + 91 + 240 + 261 \\ 669 &:= 2^3 + 8^2 + 14^2 + 20^2 + 22^0 = 23 + 82 + 142 + 202 + 220 \\ 669 &:= 2^3 + 8^3 + 11^2 + 18^0 + 27^1 = 23 + 83 + 112 + 180 + 271 \\ 669 &:= 2^4 + 14^0 + 14^2 + 15^1 + 21^2 = 24 + 140 + 142 + 151 + 212 \\ 669 &:= 2^4 + 3^2 + 18^0 + 18^1 + 25^2 = 24 + 32 + 180 + 181 + 252 \\ 669 &:= 2^4 + 4^1 + 18^2 + 18^2 + 24^0 = 24 + 41 + 182 + 182 + 240 \\ 669 &:= 2^4 + 4^2 + 11^1 + 24^0 + 25^2 = 24 + 42 + 111 + 240 + 252 \\ 669 &:= 2^4 + 5^4 + 10^0 + 23^0 + 26^1 = 24 + 54 + 100 + 230 + 261 \\ 669 &:= 2^4 + 5^4 + 11^0 + 22^0 + 26^1 = 24 + 54 + 110 + 220 + 261 \\ 669 &:= 2^4 + 5^4 + 12^0 + 21^0 + 26^1 = 24 + 54 + 120 + 210 + 261 \\ 669 &:= 2^4 + 5^4 + 13^0 + 20^0 + 26^1 = 24 + 54 + 130 + 200 + 261 \\ 669 &:= 2^4 + 5^4 + 14^0 + 19^0 + 26^1 = 24 + 54 + 140 + 190 + 261 \\ 669 &:= 2^4 + 5^4 + 15^0 + 18^0 + 26^1 = 24 + 54 + 150 + 180 + 261 \\ 669 &:= 2^4 + 5^4 + 16^0 + 17^0 + 26^1 = 24 + 54 + 160 + 170 + 261 \\ 669 &:= 2^4 + 5^4 + 6^0 + 26^1 + 27^0 = 24 + 54 + 60 + 261 + 270 \\ 669 &:= 2^4 + 5^4 + 7^0 + 26^0 + 26^1 = 24 + 54 + 70 + 260 + 261 \\ 669 &:= 2^4 + 5^4 + 8^0 + 25^0 + 26^1 = 24 + 54 + 80 + 250 + 261 \\ 669 &:= 2^4 + 5^4 + 9^0 + 24^0 + 26^1 = 24 + 54 + 90 + 240 + 261 \\ 669 &:= 2^4 + 6^0 + 12^2 + 22^2 + 24^1 = 24 + 60 + 122 + 222 + 241 \\ 669 &:= 2^4 + 6^0 + 7^2 + 24^2 + 27^1 = 24 + 60 + 72 + 242 + 271 \\ 669 &:= 2^4 + 8^0 + 10^2 + 23^1 + 23^2 = 24 + 80 + 102 + 231 + 232 \\ 669 &:= 2^4 + 8^2 + 12^1 + 20^0 + 24^2 = 24 + 82 + 121 + 200 + 242 \\ 669 &:= 2^6 + 3^0 + 10^0 + 24^2 + 27^1 = 26 + 30 + 100 + 242 + 271 \\ 669 &:= 2^6 + 4^0 + 9^0 + 24^2 + 27^1 = 26 + 40 + 90 + 242 + 271 \\ 669 &:= 2^6 + 5^0 + 8^0 + 24^2 + 27^1 = 26 + 50 + 80 + 242 + 271 \\ 669 &:= 2^6 + 6^0 + 7^0 + 24^2 + 27^1 = 26 + 60 + 70 + 242 + 271 \\ 669 &:= 3^1 + 3^5 + 18^0 + 20^2 + 22^1 = 31 + 35 + 180 + 202 + 221 \\ 669 &:= 3^3 + 10^2 + 10^2 + 21^2 + 22^0 = 33 + 102 + 102 + 212 + 220 \\ 669 &:= 3^3 + 11^2 + 14^2 + 18^2 + 20^0 = 33 + 112 + 142 + 182 + 200 \\ 669 &:= 3^3 + 4^2 + 15^2 + 20^2 + 24^0 = 33 + 42 + 152 + 202 + 240 \\ 669 &:= 3^3 + 6^2 + 11^2 + 22^2 + 24^0 = 33 + 62 + 112 + 222 + 240 \\ 669 &:= 3^3 + 6^3 + 12^0 + 20^2 + 25^1 = 33 + 63 + 120 + 202 + 251 \\ 669 &:= 3^4 + 12^0 + 13^2 + 18^1 + 20^2 = 34 + 120 + 132 + 181 + 202 \\ 669 &:= 3^4 + 6^0 + 11^2 + 21^2 + 25^1 = 34 + 60 + 112 + 212 + 251 \\ 669 &:= 3^4 + 6^2 + 12^0 + 22^1 + 23^2 = 34 + 62 + 120 + 221 + 232 \\ 669 &:= 3^4 + 7^1 + 16^2 + 18^2 + 22^0 = 34 + 71 + 162 + 182 + 220 \\ 669 &:= 3^4 + 7^2 + 9^1 + 23^2 + 24^0 = 34 + 72 + 91 + 232 + 240 \\ 669 &:= 3^4 + 9^1 + 17^2 + 17^2 + 20^0 = 34 + 91 + 172 + 172 + 200 \\ 669 &:= 3^4 + 9^2 + 10^0 + 22^1 + 22^2 = 34 + 92 + 100 + 221 + 222 \\ 669 &:= 3^5 + 10^0 + 10^2 + 18^2 + 25^0 = 35 + 100 + 102 + 182 + 250 \end{aligned}$$

$$\begin{aligned}
 669 &:= 3^5 + 10^1 + 15^1 + 18^0 + 20^2 = 35 + 101 + 151 + 180 + 202 \\
 669 &:= 3^5 + 10^2 + 11^0 + 18^2 + 24^0 = 35 + 102 + 110 + 182 + 240 \\
 669 &:= 3^5 + 10^2 + 12^0 + 18^2 + 23^0 = 35 + 102 + 120 + 182 + 230 \\
 669 &:= 3^5 + 10^2 + 13^0 + 18^2 + 22^0 = 35 + 102 + 130 + 182 + 220 \\
 669 &:= 3^5 + 10^2 + 14^0 + 18^2 + 21^0 = 35 + 102 + 140 + 182 + 210 \\
 669 &:= 3^5 + 10^2 + 15^0 + 18^2 + 20^0 = 35 + 102 + 150 + 182 + 200 \\
 669 &:= 3^5 + 10^2 + 16^0 + 18^2 + 19^0 = 35 + 102 + 160 + 182 + 190 \\
 669 &:= 3^5 + 10^2 + 17^0 + 18^0 + 18^2 = 35 + 102 + 170 + 180 + 182 \\
 669 &:= 3^5 + 11^1 + 14^1 + 18^0 + 20^2 = 35 + 111 + 141 + 180 + 202 \\
 669 &:= 3^5 + 12^1 + 13^1 + 18^0 + 20^2 = 35 + 121 + 131 + 180 + 202 \\
 669 &:= 3^5 + 4^1 + 18^0 + 20^2 + 21^1 = 35 + 41 + 180 + 202 + 211 \\
 669 &:= 3^5 + 5^1 + 18^0 + 20^1 + 20^2 = 35 + 51 + 180 + 201 + 202 \\
 669 &:= 3^5 + 6^1 + 18^0 + 19^1 + 20^2 = 35 + 61 + 180 + 191 + 202 \\
 669 &:= 3^5 + 7^1 + 18^0 + 18^1 + 20^2 = 35 + 71 + 180 + 181 + 202 \\
 669 &:= 3^5 + 8^0 + 10^2 + 18^2 + 27^0 = 35 + 80 + 102 + 182 + 270
 \end{aligned}$$

$$\begin{aligned}
 669 &:= 3^5 + 8^1 + 17^1 + 18^0 + 20^2 = 35 + 81 + 171 + 180 + 202 \\
 669 &:= 3^5 + 9^0 + 10^2 + 18^2 + 26^0 = 35 + 90 + 102 + 182 + 260 \\
 669 &:= 3^5 + 9^1 + 16^1 + 18^0 + 20^2 = 35 + 91 + 161 + 180 + 202 \\
 669 &:= 4^3 + 4^3 + 11^1 + 23^2 + 24^0 = 43 + 43 + 111 + 232 + 240 \\
 669 &:= 4^3 + 6^3 + 10^0 + 19^2 + 27^1 = 43 + 63 + 100 + 192 + 271 \\
 669 &:= 4^4 + 10^2 + 12^0 + 17^2 + 23^1 = 44 + 102 + 120 + 172 + 231 \\
 669 &:= 4^4 + 12^1 + 12^2 + 16^2 + 22^0 = 44 + 121 + 122 + 162 + 220 \\
 669 &:= 4^4 + 13^2 + 15^2 + 16^0 + 18^1 = 44 + 132 + 152 + 160 + 181 \\
 669 &:= 4^4 + 14^0 + 14^2 + 14^2 + 20^1 = 44 + 140 + 142 + 142 + 201 \\
 669 &:= 4^4 + 5^2 + 12^0 + 19^2 + 26^1 = 44 + 52 + 120 + 192 + 261 \\
 669 &:= 4^4 + 6^2 + 15^1 + 19^2 + 22^0 = 44 + 62 + 151 + 192 + 220 \\
 669 &:= 4^4 + 8^2 + 12^0 + 18^2 + 24^1 = 44 + 82 + 120 + 182 + 241 \\
 669 &:= 5^3 + 5^3 + 18^0 + 18^1 + 20^2 = 53 + 53 + 180 + 181 + 202 \\
 669 &:= 6^3 + 8^2 + 8^2 + 18^2 + 26^0 = 63 + 82 + 82 + 182 + 260
 \end{aligned}$$

2.2.571 Number 670

$$\begin{aligned}
 670 &:= 1^5 + 5^4 + 17^0 + 43^1 = 15 + 54 + 170 + 431 \\
 670 &:= 2^4 + 6^3 + 20^2 + 38^1 = 24 + 63 + 202 + 381 \\
 670 &:= 2^5 + 5^4 + 12^1 + 47^0 = 25 + 54 + 121 + 470 \\
 670 &:= 2^6 + 11^2 + 22^2 + 31^0 = 26 + 112 + 222 + 310 \\
 670 &:= 2^7 + 12^1 + 23^2 + 29^0 = 27 + 121 + 232 + 290 \\
 670 &:= 3^5 + 14^2 + 14^2 + 35^1 = 35 + 142 + 142 + 351 \\
 670 &:= 1^2 + 2^5 + 11^1 + 25^2 + 27^0 = 12 + 25 + 111 + 252 + 270 \\
 670 &:= 1^2 + 3^5 + 17^0 + 20^2 + 25^1 = 12 + 35 + 170 + 202 + 251 \\
 670 &:= 1^2 + 4^3 + 17^2 + 17^2 + 27^1 = 12 + 43 + 172 + 172 + 271 \\
 670 &:= 1^3 + 14^2 + 14^2 + 16^2 + 21^1 = 13 + 142 + 142 + 162 + 211 \\
 670 &:= 1^3 + 2^4 + 11^0 + 25^2 + 27^1 = 13 + 24 + 110 + 252 + 271 \\
 670 &:= 1^3 + 3^4 + 11^1 + 24^2 + 27^0 = 13 + 34 + 111 + 242 + 270 \\
 670 &:= 1^3 + 7^2 + 14^2 + 20^2 + 24^1 = 13 + 72 + 142 + 202 + 241 \\
 670 &:= 1^3 + 7^2 + 8^2 + 23^2 + 27^1 = 13 + 72 + 82 + 232 + 271 \\
 670 &:= 1^4 + 3^3 + 16^1 + 21^0 + 25^2 = 14 + 33 + 161 + 210 + 252 \\
 670 &:= 1^4 + 5^3 + 14^1 + 23^0 + 23^2 = 14 + 53 + 141 + 230 + 232 \\
 670 &:= 1^4 + 5^4 + 16^1 + 17^0 + 27^1 = 14 + 54 + 161 + 170 + 271 \\
 670 &:= 1^4 + 5^4 + 17^0 + 17^1 + 26^1 = 14 + 54 + 170 + 171 + 261 \\
 670 &:= 1^4 + 5^4 + 17^0 + 18^1 + 25^1 = 14 + 54 + 170 + 181 + 251 \\
 670 &:= 1^4 + 5^4 + 17^0 + 19^1 + 24^1 = 14 + 54 + 170 + 191 + 241
 \end{aligned}$$

$$\begin{aligned}
 670 &:= 1^4 + 5^4 + 17^0 + 20^1 + 23^1 = 14 + 54 + 170 + 201 + 231 \\
 670 &:= 1^4 + 5^4 + 17^0 + 21^1 + 22^1 = 14 + 54 + 170 + 211 + 221 \\
 670 &:= 1^4 + 6^3 + 11^1 + 21^2 + 27^0 = 14 + 63 + 111 + 212 + 270 \\
 670 &:= 1^5 + 11^0 + 17^2 + 18^1 + 19^2 = 15 + 110 + 172 + 181 + 192 \\
 670 &:= 1^5 + 11^2 + 13^0 + 18^1 + 23^2 = 15 + 112 + 130 + 181 + 232 \\
 670 &:= 1^5 + 12^1 + 16^2 + 17^0 + 20^2 = 15 + 121 + 162 + 170 + 202 \\
 670 &:= 1^5 + 13^2 + 15^0 + 15^1 + 22^2 = 15 + 132 + 150 + 151 + 222 \\
 670 &:= 1^5 + 2^1 + 15^2 + 21^2 + 27^0 = 15 + 21 + 152 + 212 + 270 \\
 670 &:= 1^5 + 4^2 + 9^0 + 25^2 + 27^1 = 15 + 42 + 90 + 252 + 271 \\
 670 &:= 1^5 + 5^2 + 17^0 + 18^1 + 25^2 = 15 + 52 + 170 + 181 + 252 \\
 670 &:= 1^5 + 6^2 + 7^1 + 25^2 + 27^0 = 15 + 62 + 71 + 252 + 270 \\
 670 &:= 1^5 + 7^3 + 13^0 + 18^2 + 27^0 = 15 + 73 + 130 + 182 + 270 \\
 670 &:= 1^5 + 7^3 + 14^0 + 18^2 + 26^0 = 15 + 73 + 140 + 182 + 260 \\
 670 &:= 1^5 + 7^3 + 15^0 + 18^2 + 25^0 = 15 + 73 + 150 + 182 + 250 \\
 670 &:= 1^5 + 7^3 + 16^0 + 18^2 + 24^0 = 15 + 73 + 160 + 182 + 240 \\
 670 &:= 1^5 + 7^3 + 17^0 + 18^2 + 23^0 = 15 + 73 + 170 + 182 + 230 \\
 670 &:= 1^5 + 7^3 + 18^0 + 18^2 + 22^0 = 15 + 73 + 180 + 182 + 220 \\
 670 &:= 1^5 + 7^3 + 18^2 + 19^0 + 21^0 = 15 + 73 + 182 + 190 + 210 \\
 670 &:= 1^5 + 7^3 + 18^2 + 20^0 + 20^0 = 15 + 73 + 182 + 200 + 200 \\
 670 &:= 1^5 + 9^0 + 18^2 + 18^2 + 20^1 = 15 + 90 + 182 + 182 + 201
 \end{aligned}$$

$$\begin{aligned} 670 &:= 1^5 + 9^2 + 11^1 + 21^0 + 24^2 = 15 + 92 + 111 + 210 + 242 \\ 670 &:= 2^1 + 2^4 + 15^2 + 20^2 + 27^1 = 21 + 24 + 152 + 202 + 271 \\ 670 &:= 2^1 + 2^6 + 11^0 + 24^2 + 27^1 = 21 + 26 + 110 + 242 + 271 \\ 670 &:= 2^2 + 3^3 + 17^2 + 18^2 + 26^1 = 22 + 33 + 172 + 182 + 261 \\ 670 &:= 2^2 + 3^5 + 19^0 + 20^2 + 22^1 = 22 + 35 + 190 + 202 + 221 \\ 670 &:= 2^2 + 5^3 + 15^2 + 17^2 + 27^1 = 22 + 53 + 152 + 172 + 271 \\ 670 &:= 2^3 + 11^2 + 14^2 + 18^2 + 21^1 = 23 + 112 + 142 + 182 + 211 \\ 670 &:= 2^3 + 2^3 + 13^2 + 22^2 + 27^0 = 23 + 23 + 132 + 222 + 270 \\ 670 &:= 2^3 + 2^4 + 17^0 + 20^1 + 25^2 = 23 + 24 + 170 + 201 + 252 \\ 670 &:= 2^3 + 5^2 + 17^2 + 18^2 + 24^1 = 23 + 52 + 172 + 182 + 241 \\ 670 &:= 2^3 + 5^2 + 9^2 + 23^2 + 27^1 = 23 + 52 + 92 + 232 + 271 \\ 670 &:= 2^3 + 5^3 + 8^3 + 24^1 + 27^0 = 23 + 53 + 83 + 241 + 270 \\ 670 &:= 2^4 + 10^1 + 15^2 + 19^1 + 20^2 = 24 + 101 + 152 + 191 + 202 \\ 670 &:= 2^4 + 11^1 + 15^2 + 18^1 + 20^2 = 24 + 111 + 152 + 181 + 202 \\ 670 &:= 2^4 + 12^1 + 15^2 + 17^1 + 20^2 = 24 + 121 + 152 + 171 + 202 \\ 670 &:= 2^4 + 13^1 + 15^2 + 16^1 + 20^2 = 24 + 131 + 152 + 161 + 202 \\ 670 &:= 2^4 + 14^1 + 15^1 + 15^2 + 20^2 = 24 + 141 + 151 + 152 + 202 \\ 670 &:= 2^4 + 3^1 + 15^2 + 20^2 + 26^1 = 24 + 31 + 152 + 202 + 261 \\ 670 &:= 2^4 + 4^1 + 15^2 + 20^2 + 25^1 = 24 + 41 + 152 + 202 + 251 \\ 670 &:= 2^4 + 4^2 + 14^2 + 21^2 + 25^0 = 24 + 42 + 142 + 212 + 250 \\ 670 &:= 2^4 + 4^3 + 13^1 + 23^0 + 24^2 = 24 + 43 + 131 + 230 + 242 \\ 670 &:= 2^4 + 5^1 + 15^2 + 20^2 + 24^1 = 24 + 51 + 152 + 202 + 241 \\ 670 &:= 2^4 + 5^2 + 12^2 + 22^2 + 25^0 = 24 + 52 + 122 + 222 + 250 \\ 670 &:= 2^4 + 6^1 + 15^2 + 20^2 + 23^1 = 24 + 61 + 152 + 202 + 231 \\ 670 &:= 2^4 + 6^2 + 16^2 + 19^2 + 23^0 = 24 + 62 + 162 + 192 + 230 \\ 670 &:= 2^4 + 7^1 + 15^2 + 20^2 + 22^1 = 24 + 71 + 152 + 202 + 221 \\ 670 &:= 2^4 + 7^3 + 17^2 + 19^0 + 21^1 = 24 + 73 + 172 + 190 + 211 \\ 670 &:= 2^4 + 8^1 + 15^2 + 20^2 + 21^1 = 24 + 81 + 152 + 202 + 211 \\ 670 &:= 2^4 + 8^3 + 11^2 + 20^1 + 25^0 = 24 + 83 + 112 + 201 + 250 \\ 670 &:= 2^4 + 9^1 + 15^2 + 20^1 + 20^2 = 24 + 91 + 152 + 201 + 202 \\ 670 &:= 2^5 + 12^1 + 15^2 + 17^0 + 20^2 = 25 + 121 + 152 + 170 + 202 \\ 670 &:= 2^5 + 3^0 + 13^2 + 21^2 + 27^1 = 25 + 30 + 132 + 212 + 271 \\ 670 &:= 2^5 + 5^0 + 17^2 + 18^2 + 24^1 = 25 + 50 + 172 + 182 + 241 \\ 670 &:= 2^5 + 5^0 + 9^2 + 23^2 + 27^1 = 25 + 50 + 92 + 232 + 271 \\ 670 &:= 2^5 + 5^4 + 11^1 + 21^0 + 27^0 = 25 + 54 + 111 + 210 + 270 \\ 670 &:= 2^5 + 5^4 + 11^1 + 22^0 + 26^0 = 25 + 54 + 111 + 220 + 260 \\ 670 &:= 2^5 + 5^4 + 11^1 + 23^0 + 25^0 = 25 + 54 + 111 + 230 + 250 \\ 670 &:= 2^5 + 5^4 + 11^1 + 24^0 + 24^0 = 25 + 54 + 111 + 240 + 240 \end{aligned}$$

$$\begin{aligned} 670 &:= 2^5 + 6^2 + 9^0 + 24^2 + 25^1 = 25 + 62 + 90 + 242 + 251 \\ 670 &:= 2^5 + 7^2 + 12^1 + 21^0 + 24^2 = 25 + 72 + 121 + 210 + 242 \\ 670 &:= 2^5 + 8^1 + 10^2 + 23^0 + 23^2 = 25 + 81 + 102 + 230 + 232 \\ 670 &:= 2^5 + 9^0 + 16^2 + 19^2 + 20^1 = 25 + 90 + 162 + 192 + 201 \\ 670 &:= 2^5 + 9^1 + 12^2 + 21^0 + 22^2 = 25 + 91 + 122 + 210 + 222 \\ 670 &:= 2^6 + 10^1 + 11^0 + 19^1 + 24^2 = 26 + 101 + 110 + 191 + 242 \\ 670 &:= 2^6 + 11^0 + 11^1 + 18^1 + 24^2 = 26 + 110 + 111 + 181 + 242 \\ 670 &:= 2^6 + 11^0 + 12^1 + 17^1 + 24^2 = 26 + 110 + 121 + 171 + 242 \\ 670 &:= 2^6 + 11^0 + 13^1 + 16^1 + 24^2 = 26 + 110 + 131 + 161 + 242 \\ 670 &:= 2^6 + 11^0 + 14^1 + 15^1 + 24^2 = 26 + 110 + 141 + 151 + 242 \\ 670 &:= 2^6 + 3^1 + 11^0 + 24^2 + 26^1 = 26 + 31 + 110 + 242 + 261 \\ 670 &:= 2^6 + 4^1 + 11^0 + 24^2 + 25^1 = 26 + 41 + 110 + 242 + 251 \\ 670 &:= 2^6 + 5^1 + 11^0 + 24^1 + 24^2 = 26 + 51 + 110 + 241 + 242 \\ 670 &:= 2^6 + 6^1 + 11^0 + 23^1 + 24^2 = 26 + 61 + 110 + 231 + 242 \\ 670 &:= 2^6 + 7^1 + 11^0 + 22^1 + 24^2 = 26 + 71 + 110 + 221 + 242 \\ 670 &:= 2^6 + 8^1 + 11^0 + 21^1 + 24^2 = 26 + 81 + 110 + 211 + 242 \\ 670 &:= 2^6 + 9^1 + 11^0 + 20^1 + 24^2 = 26 + 91 + 110 + 201 + 242 \\ 670 &:= 2^7 + 10^0 + 11^1 + 20^0 + 23^2 = 27 + 100 + 111 + 200 + 232 \\ 670 &:= 2^7 + 11^0 + 11^1 + 19^0 + 23^2 = 27 + 110 + 111 + 190 + 232 \\ 670 &:= 2^7 + 11^1 + 12^0 + 18^0 + 23^2 = 27 + 111 + 120 + 180 + 232 \\ 670 &:= 2^7 + 11^1 + 13^0 + 17^0 + 23^2 = 27 + 111 + 130 + 170 + 232 \\ 670 &:= 2^7 + 11^1 + 14^0 + 16^0 + 23^2 = 27 + 111 + 140 + 160 + 232 \\ 670 &:= 2^7 + 11^1 + 15^0 + 15^0 + 23^2 = 27 + 111 + 150 + 150 + 232 \\ 670 &:= 2^7 + 3^0 + 11^1 + 23^2 + 27^0 = 27 + 30 + 111 + 232 + 270 \\ 670 &:= 2^7 + 4^0 + 11^1 + 23^2 + 26^0 = 27 + 40 + 111 + 232 + 260 \\ 670 &:= 2^7 + 5^0 + 11^1 + 23^2 + 25^0 = 27 + 50 + 111 + 232 + 250 \\ 670 &:= 2^7 + 6^0 + 11^1 + 23^2 + 24^0 = 27 + 60 + 111 + 232 + 240 \\ 670 &:= 2^7 + 7^0 + 11^1 + 23^0 + 23^2 = 27 + 70 + 111 + 230 + 232 \\ 670 &:= 2^7 + 8^0 + 11^1 + 22^0 + 23^2 = 27 + 80 + 111 + 220 + 232 \\ 670 &:= 2^7 + 9^0 + 11^1 + 21^0 + 23^2 = 27 + 90 + 111 + 210 + 232 \\ 670 &:= 3^2 + 3^5 + 17^1 + 20^2 + 23^0 = 32 + 35 + 171 + 202 + 230 \\ 670 &:= 3^3 + 10^2 + 11^2 + 20^2 + 22^1 = 33 + 102 + 112 + 202 + 221 \\ 670 &:= 3^3 + 4^3 + 17^2 + 17^2 + 25^0 = 33 + 43 + 172 + 172 + 250 \\ 670 &:= 3^3 + 4^4 + 15^0 + 19^2 + 25^1 = 33 + 44 + 150 + 192 + 251 \\ 670 &:= 3^3 + 8^2 + 14^2 + 19^2 + 22^1 = 33 + 82 + 142 + 192 + 221 \\ 670 &:= 3^4 + 14^2 + 14^2 + 14^2 + 21^0 = 34 + 142 + 142 + 142 + 210 \\ 670 &:= 3^4 + 5^2 + 10^1 + 23^2 + 25^1 = 34 + 52 + 101 + 232 + 251 \\ 670 &:= 3^4 + 5^2 + 11^1 + 23^2 + 24^1 = 34 + 52 + 111 + 232 + 241 \end{aligned}$$

$$\begin{aligned}670 &:= 3^4 + 5^2 + 12^1 + 23^1 + 23^2 = 34 + 52 + 121 + 231 + 232 \\670 &:= 3^4 + 5^2 + 13^1 + 22^1 + 23^2 = 34 + 52 + 131 + 221 + 232 \\670 &:= 3^4 + 5^2 + 14^1 + 21^1 + 23^2 = 34 + 52 + 141 + 211 + 232 \\670 &:= 3^4 + 5^2 + 15^1 + 20^1 + 23^2 = 34 + 52 + 151 + 201 + 232 \\670 &:= 3^4 + 5^2 + 16^1 + 19^1 + 23^2 = 34 + 52 + 161 + 191 + 232 \\670 &:= 3^4 + 5^2 + 17^1 + 18^1 + 23^2 = 34 + 52 + 171 + 181 + 232 \\670 &:= 3^4 + 5^2 + 8^1 + 23^2 + 27^1 = 34 + 52 + 81 + 232 + 271 \\670 &:= 3^4 + 5^2 + 9^1 + 23^2 + 26^1 = 34 + 52 + 91 + 232 + 261 \\670 &:= 3^4 + 5^3 + 15^0 + 21^2 + 22^1 = 34 + 53 + 150 + 212 + 221 \\670 &:= 3^4 + 6^3 + 11^1 + 19^2 + 27^0 = 34 + 63 + 111 + 192 + 270 \\670 &:= 3^4 + 7^2 + 8^3 + 21^0 + 27^1 = 34 + 72 + 83 + 210 + 271 \\670 &:= 3^4 + 7^3 + 15^2 + 20^1 + 21^0 = 34 + 73 + 152 + 201 + 210 \\670 &:= 3^5 + 11^2 + 16^1 + 17^2 + 19^0 = 35 + 112 + 161 + 172 + 190 \\670 &:= 3^5 + 4^3 + 13^0 + 19^2 + 27^0 = 35 + 43 + 130 + 192 + 270 \\670 &:= 3^5 + 4^3 + 14^0 + 19^2 + 26^0 = 35 + 43 + 140 + 192 + 260 \\670 &:= 3^5 + 4^3 + 15^0 + 19^2 + 25^0 = 35 + 43 + 150 + 192 + 250 \\670 &:= 3^5 + 4^3 + 16^0 + 19^2 + 24^0 = 35 + 43 + 160 + 192 + 240 \\670 &:= 3^5 + 4^3 + 17^0 + 19^2 + 23^0 = 35 + 43 + 170 + 192 + 230 \\670 &:= 3^5 + 4^3 + 18^0 + 19^2 + 22^0 = 35 + 43 + 180 + 192 + 220\end{aligned}$$

$$\begin{aligned}670 &:= 3^5 + 4^3 + 19^0 + 19^2 + 21^0 = 35 + 43 + 190 + 192 + 210 \\670 &:= 3^5 + 4^3 + 19^2 + 20^0 + 20^0 = 35 + 43 + 192 + 200 + 200 \\670 &:= 3^5 + 7^2 + 16^1 + 19^2 + 21^0 = 35 + 72 + 161 + 192 + 210 \\670 &:= 3^5 + 9^0 + 12^2 + 16^2 + 26^1 = 35 + 90 + 122 + 162 + 261 \\670 &:= 3^5 + 9^2 + 15^0 + 18^2 + 21^1 = 35 + 92 + 150 + 182 + 211 \\670 &:= 4^3 + 10^2 + 14^2 + 17^2 + 21^1 = 43 + 102 + 142 + 172 + 211 \\670 &:= 4^3 + 4^3 + 10^2 + 21^2 + 27^0 = 43 + 43 + 102 + 212 + 270 \\670 &:= 4^3 + 4^4 + 15^0 + 18^2 + 25^1 = 43 + 44 + 150 + 182 + 251 \\670 &:= 4^3 + 5^2 + 14^2 + 19^2 + 24^1 = 43 + 52 + 142 + 192 + 241 \\670 &:= 4^3 + 8^2 + 14^2 + 18^2 + 22^1 = 43 + 82 + 142 + 182 + 221 \\670 &:= 4^4 + 10^2 + 12^2 + 13^2 + 27^0 = 44 + 102 + 122 + 132 + 270 \\670 &:= 4^4 + 7^2 + 7^3 + 21^1 + 27^0 = 44 + 72 + 73 + 211 + 270 \\670 &:= 5^3 + 6^2 + 14^2 + 17^2 + 24^1 = 53 + 62 + 142 + 172 + 241 \\670 &:= 5^3 + 8^2 + 13^2 + 17^2 + 23^1 = 53 + 82 + 132 + 172 + 231 \\670 &:= 6^2 + 6^3 + 14^2 + 14^2 + 26^1 = 62 + 63 + 142 + 142 + 261 \\670 &:= 6^3 + 6^3 + 6^3 + 21^1 + 27^0 = 63 + 63 + 63 + 211 + 270 \\670 &:= 6^3 + 8^2 + 13^2 + 14^2 + 25^1 = 63 + 82 + 132 + 142 + 251\end{aligned}$$

2.2.572 Number 671

$$\begin{aligned}671 &:= 1^6 + 5^4 + 16^0 + 44^1 = 16 + 54 + 160 + 441 \\671 &:= 2^7 + 8^3 + 26^0 + 30^1 = 27 + 83 + 260 + 301 \\671 &:= 2^8 + 14^1 + 20^2 + 30^0 = 28 + 141 + 202 + 300 \\671 &:= 1^3 + 2^5 + 12^1 + 25^2 + 26^0 = 13 + 25 + 121 + 252 + 260 \\671 &:= 1^3 + 3^5 + 16^0 + 20^2 + 26^1 = 13 + 35 + 160 + 202 + 261 \\671 &:= 1^4 + 3^4 + 12^1 + 24^2 + 26^0 = 14 + 34 + 121 + 242 + 260 \\671 &:= 1^5 + 10^2 + 13^2 + 20^2 + 22^0 = 15 + 102 + 132 + 202 + 220 \\671 &:= 1^5 + 3^3 + 17^1 + 20^0 + 25^2 = 15 + 33 + 171 + 200 + 252 \\671 &:= 1^5 + 4^2 + 13^2 + 22^2 + 26^0 = 15 + 42 + 132 + 222 + 260 \\671 &:= 1^5 + 5^3 + 15^1 + 22^0 + 23^2 = 15 + 53 + 151 + 220 + 232 \\671 &:= 1^5 + 5^4 + 16^0 + 17^1 + 27^1 = 15 + 54 + 160 + 171 + 271 \\671 &:= 1^5 + 5^4 + 16^0 + 18^1 + 26^1 = 15 + 54 + 160 + 181 + 261 \\671 &:= 1^5 + 5^4 + 16^0 + 19^1 + 25^1 = 15 + 54 + 160 + 191 + 251 \\671 &:= 1^5 + 5^4 + 16^0 + 20^1 + 24^1 = 15 + 54 + 160 + 201 + 241 \\671 &:= 1^5 + 5^4 + 16^0 + 21^1 + 23^1 = 15 + 54 + 160 + 211 + 231 \\671 &:= 1^5 + 5^4 + 16^0 + 22^1 + 22^1 = 15 + 54 + 160 + 221 + 221 \\671 &:= 1^5 + 6^3 + 12^1 + 21^2 + 26^0 = 15 + 63 + 121 + 212 + 260\end{aligned}$$

$$\begin{aligned}671 &:= 1^5 + 8^2 + 11^2 + 22^2 + 24^0 = 15 + 82 + 112 + 222 + 240 \\671 &:= 1^6 + 10^0 + 17^2 + 19^1 + 19^2 = 16 + 100 + 172 + 191 + 192 \\671 &:= 1^6 + 11^2 + 12^0 + 19^1 + 23^2 = 16 + 112 + 120 + 191 + 232 \\671 &:= 1^6 + 13^1 + 16^0 + 16^2 + 20^2 = 16 + 131 + 160 + 162 + 202 \\671 &:= 1^6 + 13^2 + 14^0 + 16^1 + 22^2 = 16 + 132 + 140 + 161 + 222 \\671 &:= 1^6 + 3^1 + 15^2 + 21^2 + 26^0 = 16 + 31 + 152 + 212 + 260 \\671 &:= 1^6 + 5^2 + 16^0 + 19^1 + 25^2 = 16 + 52 + 160 + 191 + 252 \\671 &:= 1^6 + 6^2 + 8^1 + 25^2 + 26^0 = 16 + 62 + 81 + 252 + 260 \\671 &:= 1^6 + 8^0 + 18^2 + 18^2 + 21^1 = 16 + 80 + 182 + 182 + 211 \\671 &:= 1^6 + 9^2 + 12^1 + 20^0 + 24^2 = 16 + 92 + 121 + 200 + 242 \\671 &:= 2^2 + 2^6 + 12^0 + 24^2 + 26^1 = 22 + 26 + 120 + 242 + 261 \\671 &:= 2^3 + 3^5 + 19^1 + 20^2 + 22^0 = 23 + 35 + 191 + 202 + 220 \\671 &:= 2^4 + 2^4 + 13^1 + 24^0 + 25^2 = 24 + 24 + 131 + 240 + 252 \\671 &:= 2^5 + 5^2 + 17^2 + 18^2 + 24^0 = 25 + 52 + 172 + 182 + 240 \\671 &:= 2^5 + 5^3 + 8^3 + 24^0 + 27^0 = 25 + 53 + 83 + 240 + 270 \\671 &:= 2^5 + 5^3 + 8^3 + 25^0 + 26^0 = 25 + 53 + 83 + 250 + 260 \\671 &:= 2^5 + 6^3 + 16^0 + 20^2 + 22^1 = 25 + 63 + 160 + 202 + 221\end{aligned}$$

$$\begin{aligned}
 671 &:= 2^5 + 8^3 + 10^2 + 20^0 + 26^1 = 25 + 83 + 102 + 200 + 261 \\
 671 &:= 2^5 + 9^2 + 14^2 + 19^2 + 22^0 = 25 + 92 + 142 + 192 + 220 \\
 671 &:= 2^6 + 10^0 + 10^2 + 22^1 + 22^2 = 26 + 100 + 102 + 221 + 222 \\
 671 &:= 2^6 + 10^0 + 12^2 + 21^1 + 21^2 = 26 + 100 + 122 + 211 + 212 \\
 671 &:= 2^6 + 10^0 + 15^2 + 19^2 + 20^1 = 26 + 100 + 152 + 192 + 201 \\
 671 &:= 2^6 + 10^1 + 14^2 + 20^0 + 20^2 = 26 + 101 + 142 + 200 + 202 \\
 671 &:= 2^6 + 3^2 + 16^0 + 21^1 + 24^2 = 26 + 32 + 160 + 211 + 242 \\
 671 &:= 2^6 + 4^0 + 16^2 + 18^2 + 26^1 = 26 + 40 + 162 + 182 + 261 \\
 671 &:= 2^6 + 4^2 + 14^1 + 22^0 + 24^2 = 26 + 42 + 141 + 220 + 242 \\
 671 &:= 2^6 + 8^2 + 13^1 + 20^0 + 23^2 = 26 + 82 + 131 + 200 + 232 \\
 671 &:= 2^7 + 10^0 + 10^2 + 21^2 + 23^0 = 27 + 100 + 102 + 212 + 230 \\
 671 &:= 2^7 + 10^2 + 11^0 + 21^2 + 22^0 = 27 + 102 + 110 + 212 + 220 \\
 671 &:= 2^7 + 10^2 + 12^0 + 21^0 + 21^2 = 27 + 102 + 120 + 210 + 212 \\
 671 &:= 2^7 + 10^2 + 13^0 + 20^0 + 21^2 = 27 + 102 + 130 + 200 + 212 \\
 671 &:= 2^7 + 10^2 + 14^0 + 19^0 + 21^2 = 27 + 102 + 140 + 190 + 212 \\
 671 &:= 2^7 + 10^2 + 15^0 + 18^0 + 21^2 = 27 + 102 + 150 + 180 + 212 \\
 671 &:= 2^7 + 10^2 + 16^0 + 17^0 + 21^2 = 27 + 102 + 160 + 170 + 212 \\
 671 &:= 2^7 + 6^0 + 10^2 + 21^2 + 27^0 = 27 + 60 + 102 + 212 + 270
 \end{aligned}$$

$$\begin{aligned}
 671 &:= 2^7 + 7^0 + 10^2 + 21^2 + 26^0 = 27 + 70 + 102 + 212 + 260 \\
 671 &:= 2^7 + 8^0 + 10^2 + 21^2 + 25^0 = 27 + 80 + 102 + 212 + 250 \\
 671 &:= 2^7 + 9^0 + 10^2 + 21^2 + 24^0 = 27 + 90 + 102 + 212 + 240 \\
 671 &:= 2^8 + 10^0 + 13^1 + 20^2 + 21^0 = 28 + 100 + 131 + 202 + 210 \\
 671 &:= 2^8 + 11^0 + 13^1 + 20^0 + 20^2 = 28 + 110 + 131 + 200 + 202 \\
 671 &:= 2^8 + 12^0 + 13^1 + 19^0 + 20^2 = 28 + 120 + 131 + 190 + 202 \\
 671 &:= 2^8 + 13^0 + 13^1 + 18^0 + 20^2 = 28 + 130 + 131 + 180 + 202 \\
 671 &:= 2^8 + 13^1 + 14^0 + 17^0 + 20^2 = 28 + 131 + 140 + 170 + 202 \\
 671 &:= 2^8 + 13^1 + 15^0 + 16^0 + 20^2 = 28 + 131 + 150 + 160 + 202 \\
 671 &:= 2^8 + 4^0 + 13^1 + 20^2 + 27^0 = 28 + 40 + 131 + 202 + 270 \\
 671 &:= 2^8 + 5^0 + 13^1 + 20^2 + 26^0 = 28 + 50 + 131 + 202 + 260 \\
 671 &:= 2^8 + 6^0 + 13^1 + 20^2 + 25^0 = 28 + 60 + 131 + 202 + 250 \\
 671 &:= 2^8 + 7^0 + 13^1 + 20^2 + 24^0 = 28 + 70 + 131 + 202 + 240 \\
 671 &:= 2^8 + 8^0 + 13^1 + 20^2 + 23^0 = 28 + 80 + 131 + 202 + 230 \\
 671 &:= 2^8 + 9^0 + 13^1 + 20^2 + 22^0 = 28 + 90 + 131 + 202 + 220 \\
 671 &:= 3^4 + 3^4 + 14^0 + 22^2 + 24^1 = 34 + 34 + 140 + 222 + 241
 \end{aligned}$$

2.2.573 Number 672

$$\begin{aligned}
 672 &:= 1^6 + 2^3 + 25^2 + 38^1 = 16 + 23 + 252 + 381 \\
 672 &:= 1^7 + 3^2 + 25^2 + 37^1 = 17 + 32 + 252 + 371 \\
 672 &:= 1^7 + 5^4 + 15^0 + 45^1 = 17 + 54 + 150 + 451 \\
 672 &:= 2^7 + 16^2 + 16^2 + 32^1 = 27 + 162 + 162 + 321 \\
 672 &:= 2^9 + 11^2 + 15^0 + 38^1 = 29 + 112 + 150 + 381 \\
 672 &:= 2^9 + 12^2 + 15^1 + 37^0 = 29 + 122 + 151 + 370 \\
 672 &:= 1^2 + 2^7 + 13^1 + 23^2 + 27^0 = 12 + 27 + 131 + 232 + 270 \\
 672 &:= 1^4 + 2^5 + 13^1 + 25^0 + 25^2 = 14 + 25 + 131 + 250 + 252 \\
 672 &:= 1^4 + 3^3 + 16^2 + 19^2 + 27^1 = 14 + 33 + 162 + 192 + 271 \\
 672 &:= 1^4 + 3^5 + 15^0 + 20^2 + 27^1 = 14 + 35 + 150 + 202 + 271 \\
 672 &:= 1^4 + 4^3 + 16^2 + 18^2 + 27^1 = 14 + 43 + 162 + 182 + 271 \\
 672 &:= 1^5 + 10^2 + 15^2 + 18^2 + 22^1 = 15 + 102 + 152 + 182 + 221 \\
 672 &:= 1^5 + 12^2 + 12^2 + 19^2 + 22^1 = 15 + 122 + 122 + 192 + 221 \\
 672 &:= 1^5 + 13^2 + 15^2 + 16^2 + 21^1 = 15 + 132 + 152 + 162 + 211 \\
 672 &:= 1^5 + 2^3 + 11^1 + 25^2 + 27^1 = 15 + 23 + 111 + 252 + 271 \\
 672 &:= 1^5 + 2^3 + 12^1 + 25^2 + 26^1 = 15 + 23 + 121 + 252 + 261 \\
 672 &:= 1^5 + 2^3 + 13^1 + 25^1 + 25^2 = 15 + 23 + 131 + 251 + 252 \\
 672 &:= 1^5 + 2^3 + 14^1 + 24^1 + 25^2 = 15 + 23 + 141 + 241 + 252
 \end{aligned}$$

$$\begin{aligned}
 672 &:= 1^5 + 2^3 + 15^1 + 23^1 + 25^2 = 15 + 23 + 151 + 231 + 252 \\
 672 &:= 1^5 + 2^3 + 16^1 + 22^1 + 25^2 = 15 + 23 + 161 + 221 + 252 \\
 672 &:= 1^5 + 2^3 + 17^1 + 21^1 + 25^2 = 15 + 23 + 171 + 211 + 252 \\
 672 &:= 1^5 + 2^3 + 18^1 + 20^1 + 25^2 = 15 + 23 + 181 + 201 + 252 \\
 672 &:= 1^5 + 2^3 + 19^1 + 19^1 + 25^2 = 15 + 23 + 191 + 191 + 252 \\
 672 &:= 1^5 + 3^4 + 13^1 + 24^2 + 25^0 = 15 + 34 + 131 + 242 + 250 \\
 672 &:= 1^5 + 4^2 + 12^2 + 22^2 + 27^1 = 15 + 42 + 122 + 222 + 271 \\
 672 &:= 1^5 + 4^4 + 14^1 + 20^2 + 27^0 = 15 + 44 + 141 + 202 + 270 \\
 672 &:= 1^5 + 5^3 + 16^2 + 17^2 + 27^0 = 15 + 53 + 162 + 172 + 270 \\
 672 &:= 1^5 + 6^2 + 13^2 + 21^2 + 25^1 = 15 + 62 + 132 + 212 + 251 \\
 672 &:= 1^5 + 9^2 + 9^2 + 22^2 + 25^1 = 15 + 92 + 92 + 222 + 251 \\
 672 &:= 1^6 + 11^2 + 15^2 + 18^2 + 21^0 = 16 + 112 + 152 + 182 + 210 \\
 672 &:= 1^6 + 2^2 + 15^2 + 21^2 + 27^0 = 16 + 22 + 152 + 212 + 270 \\
 672 &:= 1^6 + 3^2 + 10^1 + 25^2 + 27^1 = 16 + 32 + 101 + 252 + 271 \\
 672 &:= 1^6 + 3^2 + 11^1 + 25^2 + 26^1 = 16 + 32 + 111 + 252 + 261 \\
 672 &:= 1^6 + 3^2 + 12^1 + 25^1 + 25^2 = 16 + 32 + 121 + 251 + 252 \\
 672 &:= 1^6 + 3^2 + 13^1 + 24^1 + 25^2 = 16 + 32 + 131 + 241 + 252 \\
 672 &:= 1^6 + 3^2 + 14^1 + 23^1 + 25^2 = 16 + 32 + 141 + 231 + 252
 \end{aligned}$$

$$\begin{aligned} 672 &:= 1^6 + 3^2 + 15^1 + 22^1 + 25^2 = 16 + 32 + 151 + 221 + 252 \\ 672 &:= 1^6 + 3^2 + 16^1 + 21^1 + 25^2 = 16 + 32 + 161 + 211 + 252 \\ 672 &:= 1^6 + 3^2 + 17^1 + 20^1 + 25^2 = 16 + 32 + 171 + 201 + 252 \\ 672 &:= 1^6 + 3^2 + 18^1 + 19^1 + 25^2 = 16 + 32 + 181 + 191 + 252 \\ 672 &:= 1^6 + 3^3 + 18^1 + 19^0 + 25^2 = 16 + 33 + 181 + 190 + 252 \\ 672 &:= 1^6 + 5^3 + 16^1 + 21^0 + 23^2 = 16 + 53 + 161 + 210 + 232 \\ 672 &:= 1^6 + 5^4 + 15^0 + 18^1 + 27^1 = 16 + 54 + 150 + 181 + 271 \\ 672 &:= 1^6 + 5^4 + 15^0 + 19^1 + 26^1 = 16 + 54 + 150 + 191 + 261 \\ 672 &:= 1^6 + 5^4 + 15^0 + 20^1 + 25^1 = 16 + 54 + 150 + 201 + 251 \\ 672 &:= 1^6 + 5^4 + 15^0 + 21^1 + 24^1 = 16 + 54 + 150 + 211 + 241 \\ 672 &:= 1^6 + 5^4 + 15^0 + 22^1 + 23^1 = 16 + 54 + 150 + 221 + 231 \\ 672 &:= 1^6 + 6^3 + 13^1 + 21^2 + 25^0 = 16 + 63 + 131 + 212 + 250 \\ 672 &:= 1^7 + 11^0 + 11^2 + 20^1 + 23^2 = 17 + 110 + 112 + 201 + 232 \\ 672 &:= 1^7 + 13^0 + 13^2 + 17^1 + 22^2 = 17 + 130 + 132 + 171 + 222 \\ 672 &:= 1^7 + 14^1 + 15^0 + 16^2 + 20^2 = 17 + 141 + 150 + 162 + 202 \\ 672 &:= 1^7 + 4^1 + 15^2 + 21^2 + 25^0 = 17 + 41 + 152 + 212 + 250 \\ 672 &:= 1^7 + 5^2 + 15^0 + 20^1 + 25^2 = 17 + 52 + 150 + 201 + 252 \\ 672 &:= 1^7 + 6^2 + 9^1 + 25^0 + 25^2 = 17 + 62 + 91 + 250 + 252 \\ 672 &:= 1^7 + 7^0 + 18^2 + 18^2 + 22^1 = 17 + 70 + 182 + 182 + 221 \\ 672 &:= 1^7 + 9^0 + 17^2 + 19^2 + 20^1 = 17 + 90 + 172 + 192 + 201 \\ 672 &:= 1^7 + 9^2 + 13^1 + 19^0 + 24^2 = 17 + 92 + 131 + 190 + 242 \\ 672 &:= 2^3 + 2^6 + 15^0 + 23^1 + 24^2 = 23 + 26 + 150 + 231 + 242 \\ 672 &:= 2^5 + 13^2 + 15^2 + 15^2 + 21^1 = 25 + 132 + 152 + 152 + 211 \\ 672 &:= 2^5 + 3^3 + 10^1 + 24^2 + 27^1 = 25 + 33 + 101 + 242 + 271 \\ 672 &:= 2^5 + 3^3 + 11^1 + 24^2 + 26^1 = 25 + 33 + 111 + 242 + 261 \\ 672 &:= 2^5 + 3^3 + 12^1 + 24^2 + 25^1 = 25 + 33 + 121 + 242 + 251 \\ 672 &:= 2^5 + 3^3 + 13^1 + 24^1 + 24^2 = 25 + 33 + 131 + 241 + 242 \\ 672 &:= 2^5 + 3^3 + 14^1 + 23^1 + 24^2 = 25 + 33 + 141 + 231 + 242 \\ 672 &:= 2^5 + 3^3 + 15^1 + 22^1 + 24^2 = 25 + 33 + 151 + 221 + 242 \\ 672 &:= 2^5 + 3^3 + 16^1 + 21^1 + 24^2 = 25 + 33 + 161 + 211 + 242 \\ 672 &:= 2^5 + 3^3 + 17^1 + 20^1 + 24^2 = 25 + 33 + 171 + 201 + 242 \\ 672 &:= 2^5 + 3^3 + 18^1 + 19^1 + 24^2 = 25 + 33 + 181 + 191 + 242 \\ 672 &:= 2^5 + 4^4 + 19^0 + 19^2 + 22^1 = 25 + 44 + 190 + 192 + 221 \\ 672 &:= 2^5 + 5^3 + 15^2 + 17^2 + 27^0 = 25 + 53 + 152 + 172 + 270 \\ 672 &:= 2^5 + 6^2 + 16^2 + 18^2 + 24^1 = 25 + 62 + 162 + 182 + 241 \\ 672 &:= 2^5 + 7^2 + 9^2 + 22^2 + 26^1 = 25 + 72 + 92 + 222 + 261 \\ 672 &:= 2^5 + 7^3 + 14^1 + 16^2 + 27^1 = 25 + 73 + 141 + 162 + 271 \\ 672 &:= 2^5 + 7^3 + 15^1 + 16^2 + 26^1 = 25 + 73 + 151 + 162 + 261 \\ 672 &:= 2^5 + 7^3 + 16^1 + 16^2 + 25^1 = 25 + 73 + 161 + 162 + 251 \\ 672 &:= 2^5 + 7^3 + 16^2 + 17^1 + 24^1 = 25 + 73 + 162 + 171 + 241 \\ 672 &:= 2^5 + 7^3 + 16^2 + 18^1 + 23^1 = 25 + 73 + 162 + 181 + 231 \\ 672 &:= 2^5 + 7^3 + 16^2 + 19^1 + 22^1 = 25 + 73 + 162 + 191 + 221 \\ 672 &:= 2^5 + 7^3 + 16^2 + 20^1 + 21^1 = 25 + 73 + 162 + 201 + 211 \\ 672 &:= 2^5 + 8^3 + 9^2 + 20^1 + 27^1 = 25 + 83 + 92 + 201 + 271 \\ 672 &:= 2^5 + 8^3 + 9^2 + 21^1 + 26^1 = 25 + 83 + 92 + 211 + 261 \\ 672 &:= 2^5 + 8^3 + 9^2 + 22^1 + 25^1 = 25 + 83 + 92 + 221 + 251 \\ 672 &:= 2^5 + 8^3 + 9^2 + 23^1 + 24^1 = 25 + 83 + 92 + 231 + 241 \\ 672 &:= 2^6 + 10^1 + 17^2 + 17^2 + 20^1 = 26 + 101 + 172 + 172 + 201 \\ 672 &:= 2^6 + 11^1 + 17^2 + 17^2 + 19^1 = 26 + 111 + 172 + 172 + 191 \\ 672 &:= 2^6 + 12^1 + 17^2 + 17^2 + 18^1 = 26 + 121 + 172 + 172 + 181 \\ 672 &:= 2^6 + 13^1 + 17^1 + 17^2 + 17^2 = 26 + 131 + 171 + 172 + 172 \\ 672 &:= 2^6 + 14^1 + 16^1 + 17^2 + 17^2 = 26 + 141 + 161 + 172 + 172 \\ 672 &:= 2^6 + 15^1 + 15^1 + 17^2 + 17^2 = 26 + 151 + 151 + 172 + 172 \\ 672 &:= 2^6 + 3^1 + 17^2 + 17^2 + 27^1 = 26 + 31 + 172 + 172 + 271 \\ 672 &:= 2^6 + 4^1 + 17^2 + 17^2 + 26^1 = 26 + 41 + 172 + 172 + 261 \\ 672 &:= 2^6 + 4^3 + 14^1 + 23^0 + 23^2 = 26 + 43 + 141 + 230 + 232 \\ 672 &:= 2^6 + 5^1 + 17^2 + 17^2 + 25^1 = 26 + 51 + 172 + 172 + 251 \\ 672 &:= 2^6 + 6^1 + 17^2 + 17^2 + 24^1 = 26 + 61 + 172 + 172 + 241 \\ 672 &:= 2^6 + 7^1 + 17^2 + 17^2 + 23^1 = 26 + 71 + 172 + 172 + 231 \\ 672 &:= 2^6 + 8^1 + 17^2 + 17^2 + 22^1 = 26 + 81 + 172 + 172 + 221 \\ 672 &:= 2^6 + 9^1 + 17^2 + 17^2 + 21^1 = 26 + 91 + 172 + 172 + 211 \\ 672 &:= 2^7 + 11^0 + 11^2 + 20^2 + 22^1 = 27 + 110 + 112 + 202 + 221 \\ 672 &:= 2^7 + 13^1 + 13^2 + 19^0 + 19^2 = 27 + 131 + 132 + 190 + 192 \\ 672 &:= 2^7 + 4^1 + 8^3 + 25^0 + 27^1 = 27 + 41 + 83 + 250 + 271 \\ 672 &:= 2^7 + 5^1 + 8^3 + 25^0 + 26^1 = 27 + 51 + 83 + 250 + 261 \\ 672 &:= 2^7 + 6^1 + 8^3 + 25^0 + 25^1 = 27 + 61 + 83 + 250 + 251 \\ 672 &:= 2^7 + 6^2 + 13^0 + 22^2 + 23^1 = 27 + 62 + 130 + 222 + 231 \\ 672 &:= 2^7 + 7^1 + 8^3 + 24^1 + 25^0 = 27 + 71 + 83 + 241 + 250 \\ 672 &:= 2^7 + 7^2 + 10^1 + 22^2 + 25^0 = 27 + 72 + 101 + 222 + 250 \\ 672 &:= 2^7 + 8^1 + 8^3 + 23^1 + 25^0 = 27 + 81 + 83 + 231 + 250 \\ 672 &:= 2^7 + 8^3 + 10^1 + 21^1 + 25^0 = 27 + 83 + 101 + 211 + 250 \\ 672 &:= 2^7 + 8^3 + 11^1 + 20^1 + 25^0 = 27 + 83 + 111 + 201 + 250 \\ 672 &:= 2^7 + 8^3 + 12^1 + 19^1 + 25^0 = 27 + 83 + 121 + 191 + 250 \\ 672 &:= 2^7 + 8^3 + 13^1 + 18^1 + 25^0 = 27 + 83 + 131 + 181 + 250 \\ 672 &:= 2^7 + 8^3 + 14^1 + 17^1 + 25^0 = 27 + 83 + 141 + 171 + 250 \\ 672 &:= 2^7 + 8^3 + 15^1 + 16^1 + 25^0 = 27 + 83 + 151 + 161 + 250 \end{aligned}$$

$$\begin{aligned}
 672 &:= 2^7 + 8^3 + 9^1 + 22^1 + 25^0 = 27 + 83 + 91 + 221 + 250 \\
 672 &:= 2^7 + 9^0 + 14^2 + 18^2 + 23^1 = 27 + 90 + 142 + 182 + 231 \\
 672 &:= 2^7 + 9^2 + 13^0 + 21^1 + 21^2 = 27 + 92 + 130 + 211 + 212 \\
 672 &:= 2^9 + 11^0 + 12^2 + 14^1 + 27^0 = 29 + 110 + 122 + 141 + 270 \\
 672 &:= 2^9 + 12^0 + 12^2 + 14^1 + 26^0 = 29 + 120 + 122 + 141 + 260 \\
 672 &:= 2^9 + 12^2 + 13^0 + 14^1 + 25^0 = 29 + 122 + 130 + 141 + 250 \\
 672 &:= 2^9 + 12^2 + 14^0 + 14^1 + 24^0 = 29 + 122 + 140 + 141 + 240 \\
 672 &:= 2^9 + 12^2 + 14^1 + 15^0 + 23^0 = 29 + 122 + 141 + 150 + 230 \\
 672 &:= 2^9 + 12^2 + 14^1 + 16^0 + 22^0 = 29 + 122 + 141 + 160 + 220 \\
 672 &:= 2^9 + 12^2 + 14^1 + 17^0 + 21^0 = 29 + 122 + 141 + 170 + 210 \\
 672 &:= 2^9 + 12^2 + 14^1 + 18^0 + 20^0 = 29 + 122 + 141 + 180 + 200 \\
 672 &:= 2^9 + 12^2 + 14^1 + 19^0 + 19^0 = 29 + 122 + 141 + 190 + 190 \\
 672 &:= 3^3 + 3^4 + 8^3 + 25^1 + 27^1 = 33 + 34 + 83 + 251 + 271 \\
 672 &:= 3^3 + 3^4 + 8^3 + 26^1 + 26^1 = 33 + 34 + 83 + 261 + 261 \\
 672 &:= 3^3 + 3^5 + 14^1 + 19^2 + 27^1 = 33 + 35 + 141 + 192 + 271 \\
 672 &:= 3^3 + 3^5 + 15^1 + 19^2 + 26^1 = 33 + 35 + 151 + 192 + 261 \\
 672 &:= 3^3 + 3^5 + 16^1 + 19^2 + 25^1 = 33 + 35 + 161 + 192 + 251 \\
 672 &:= 3^3 + 3^5 + 17^1 + 19^2 + 24^1 = 33 + 35 + 171 + 192 + 241 \\
 672 &:= 3^3 + 3^5 + 18^1 + 19^2 + 23^1 = 33 + 35 + 181 + 192 + 231 \\
 672 &:= 3^3 + 3^5 + 19^1 + 19^2 + 22^1 = 33 + 35 + 191 + 192 + 221
 \end{aligned}$$

$$\begin{aligned}
 672 &:= 3^3 + 3^5 + 19^2 + 20^1 + 21^1 = 33 + 35 + 192 + 201 + 211 \\
 672 &:= 3^4 + 3^5 + 18^2 + 19^0 + 23^1 = 34 + 35 + 182 + 190 + 231 \\
 672 &:= 3^5 + 4^3 + 14^1 + 18^2 + 27^1 = 35 + 43 + 141 + 182 + 271 \\
 672 &:= 3^5 + 4^3 + 15^1 + 18^2 + 26^1 = 35 + 43 + 151 + 182 + 261 \\
 672 &:= 3^5 + 4^3 + 16^1 + 18^2 + 25^1 = 35 + 43 + 161 + 182 + 251 \\
 672 &:= 3^5 + 4^3 + 17^1 + 18^2 + 24^1 = 35 + 43 + 171 + 182 + 241 \\
 672 &:= 3^5 + 4^3 + 18^1 + 18^2 + 23^1 = 35 + 43 + 181 + 182 + 231 \\
 672 &:= 3^5 + 4^3 + 18^2 + 19^1 + 22^1 = 35 + 43 + 182 + 191 + 221 \\
 672 &:= 3^5 + 4^3 + 18^2 + 20^1 + 21^1 = 35 + 43 + 182 + 201 + 211 \\
 672 &:= 3^5 + 6^2 + 7^3 + 23^1 + 27^1 = 35 + 62 + 73 + 231 + 271 \\
 672 &:= 3^5 + 6^2 + 7^3 + 24^1 + 26^1 = 35 + 62 + 73 + 241 + 261 \\
 672 &:= 3^5 + 6^2 + 7^3 + 25^1 + 25^1 = 35 + 62 + 73 + 251 + 251 \\
 672 &:= 3^5 + 6^3 + 13^2 + 17^1 + 27^1 = 35 + 63 + 132 + 171 + 271 \\
 672 &:= 3^5 + 6^3 + 13^2 + 18^1 + 26^1 = 35 + 63 + 132 + 181 + 261 \\
 672 &:= 3^5 + 6^3 + 13^2 + 19^1 + 25^1 = 35 + 63 + 132 + 191 + 251 \\
 672 &:= 3^5 + 6^3 + 13^2 + 20^1 + 24^1 = 35 + 63 + 132 + 201 + 241 \\
 672 &:= 3^5 + 6^3 + 13^2 + 21^1 + 23^1 = 35 + 63 + 132 + 211 + 231 \\
 672 &:= 3^5 + 6^3 + 13^2 + 22^1 + 22^1 = 35 + 63 + 132 + 221 + 221
 \end{aligned}$$

2.2.574 Number 673

$$\begin{aligned}
 673 &:= 1^8 + 5^4 + 14^0 + 46^1 = 18 + 54 + 140 + 461 \\
 673 &:= 2^5 + 2^6 + 24^2 + 38^0 = 25 + 26 + 242 + 380 \\
 673 &:= 2^9 + 4^2 + 12^2 + 48^0 = 29 + 42 + 122 + 480 \\
 673 &:= 2^9 + 5^3 + 24^0 + 35^1 = 29 + 53 + 240 + 351 \\
 673 &:= 1^3 + 2^7 + 14^1 + 23^2 + 26^0 = 13 + 27 + 141 + 232 + 260 \\
 673 &:= 1^5 + 2^5 + 14^1 + 24^0 + 25^2 = 15 + 25 + 141 + 240 + 252 \\
 673 &:= 1^6 + 3^4 + 14^1 + 24^0 + 24^2 = 16 + 34 + 141 + 240 + 242 \\
 673 &:= 1^6 + 4^4 + 15^1 + 20^2 + 26^0 = 16 + 44 + 151 + 202 + 260 \\
 673 &:= 1^7 + 3^3 + 18^0 + 19^1 + 25^2 = 17 + 33 + 180 + 191 + 252 \\
 673 &:= 1^7 + 5^3 + 17^1 + 20^0 + 23^2 = 17 + 53 + 171 + 200 + 232 \\
 673 &:= 1^7 + 5^4 + 14^0 + 19^1 + 27^1 = 17 + 54 + 140 + 191 + 271 \\
 673 &:= 1^7 + 5^4 + 14^0 + 20^1 + 26^1 = 17 + 54 + 140 + 201 + 261 \\
 673 &:= 1^7 + 5^4 + 14^0 + 21^1 + 25^1 = 17 + 54 + 140 + 211 + 251 \\
 673 &:= 1^7 + 5^4 + 14^0 + 22^1 + 24^1 = 17 + 54 + 140 + 221 + 241 \\
 673 &:= 1^7 + 5^4 + 14^0 + 23^1 + 23^1 = 17 + 54 + 140 + 231 + 231 \\
 673 &:= 1^7 + 6^3 + 14^1 + 21^2 + 24^0 = 17 + 63 + 141 + 212 + 240
 \end{aligned}$$

$$\begin{aligned}
 673 &:= 1^8 + 10^0 + 11^2 + 21^1 + 23^2 = 18 + 100 + 112 + 211 + 232 \\
 673 &:= 1^8 + 12^0 + 13^2 + 18^1 + 22^2 = 18 + 120 + 132 + 181 + 222 \\
 673 &:= 1^8 + 14^0 + 15^1 + 16^2 + 20^2 = 18 + 140 + 151 + 162 + 202 \\
 673 &:= 1^8 + 5^1 + 15^2 + 21^2 + 24^0 = 18 + 51 + 152 + 212 + 240 \\
 673 &:= 1^8 + 5^2 + 14^0 + 21^1 + 25^2 = 18 + 52 + 140 + 211 + 252 \\
 673 &:= 1^8 + 6^0 + 18^2 + 18^2 + 23^1 = 18 + 60 + 182 + 182 + 231 \\
 673 &:= 1^8 + 6^2 + 10^1 + 24^0 + 25^2 = 18 + 62 + 101 + 240 + 252 \\
 673 &:= 1^8 + 8^0 + 17^2 + 19^2 + 21^1 = 18 + 80 + 172 + 192 + 211 \\
 673 &:= 1^8 + 9^2 + 14^1 + 18^0 + 24^2 = 18 + 92 + 141 + 180 + 242 \\
 673 &:= 2^4 + 2^6 + 16^1 + 22^0 + 24^2 = 24 + 26 + 161 + 220 + 242 \\
 673 &:= 2^7 + 12^2 + 12^2 + 16^2 + 24^0 = 27 + 122 + 122 + 162 + 240 \\
 673 &:= 2^7 + 5^3 + 19^1 + 20^0 + 20^2 = 27 + 53 + 191 + 200 + 202 \\
 673 &:= 2^8 + 10^0 + 10^2 + 17^2 + 27^1 = 28 + 100 + 102 + 172 + 271 \\
 673 &:= 2^8 + 12^0 + 14^2 + 14^2 + 24^1 = 28 + 120 + 142 + 142 + 241 \\
 673 &:= 2^8 + 12^2 + 16^1 + 16^2 + 20^0 = 28 + 122 + 161 + 162 + 200 \\
 673 &:= 2^8 + 13^2 + 14^0 + 15^2 + 22^1 = 28 + 132 + 140 + 152 + 221
 \end{aligned}$$

$$\begin{aligned}673 &:= 2^8 + 6^2 + 19^1 + 19^2 + 20^0 = 28 + 62 + 191 + 192 + 200 \\673 &:= 2^8 + 9^2 + 11^1 + 18^2 + 26^0 = 28 + 92 + 111 + 182 + 260 \\673 &:= 2^9 + 11^2 + 12^1 + 14^0 + 27^1 = 29 + 112 + 121 + 140 + 271 \\673 &:= 2^9 + 11^2 + 13^1 + 14^0 + 26^1 = 29 + 112 + 131 + 140 + 261 \\673 &:= 2^9 + 11^2 + 14^0 + 14^1 + 25^1 = 29 + 112 + 140 + 141 + 251 \\673 &:= 2^9 + 11^2 + 14^0 + 15^1 + 24^1 = 29 + 112 + 140 + 151 + 241\end{aligned}$$

$$\begin{aligned}673 &:= 2^9 + 11^2 + 14^0 + 16^1 + 23^1 = 29 + 112 + 140 + 161 + 231 \\673 &:= 2^9 + 11^2 + 14^0 + 17^1 + 22^1 = 29 + 112 + 140 + 171 + 221 \\673 &:= 2^9 + 11^2 + 14^0 + 18^1 + 21^1 = 29 + 112 + 140 + 181 + 211 \\673 &:= 2^9 + 11^2 + 14^0 + 19^1 + 20^1 = 29 + 112 + 140 + 191 + 201\end{aligned}$$

2.2.575 Number 674

$$\begin{aligned}674 &:= 12^2 + 23^2 + 32^0 = 122 + 232 + 320 \\674 &:= 1^8 + 7^3 + 17^2 + 41^1 = 18 + 73 + 172 + 411 \\674 &:= 1^9 + 5^4 + 13^0 + 47^1 = 19 + 54 + 130 + 471 \\674 &:= 1^9 + 8^2 + 24^2 + 33^1 = 19 + 82 + 242 + 331 \\674 &:= 2^6 + 3^5 + 18^2 + 43^1 = 26 + 35 + 182 + 431 \\674 &:= 2^9 + 5^3 + 6^2 + 53^0 = 29 + 53 + 62 + 530 \\674 &:= 2^9 + 7^2 + 8^2 + 49^1 = 29 + 72 + 82 + 491 \\674 &:= 1^3 + 2^8 + 16^1 + 20^2 + 27^0 = 13 + 28 + 161 + 202 + 270 \\674 &:= 1^4 + 2^7 + 15^1 + 23^2 + 25^0 = 14 + 27 + 151 + 232 + 250 \\674 &:= 1^6 + 2^4 + 16^2 + 20^2 + 27^0 = 16 + 24 + 162 + 202 + 270 \\674 &:= 1^6 + 2^5 + 15^1 + 23^0 + 25^2 = 16 + 25 + 151 + 230 + 252 \\674 &:= 1^7 + 11^2 + 13^2 + 19^2 + 22^1 = 17 + 112 + 132 + 192 + 221 \\674 &:= 1^7 + 3^2 + 14^2 + 21^2 + 27^1 = 17 + 32 + 142 + 212 + 271 \\674 &:= 1^7 + 3^4 + 15^1 + 23^0 + 24^2 = 17 + 34 + 151 + 230 + 242 \\674 &:= 1^7 + 4^4 + 16^1 + 20^2 + 25^0 = 17 + 44 + 161 + 202 + 250 \\674 &:= 1^7 + 6^2 + 17^2 + 18^2 + 24^1 = 17 + 62 + 172 + 182 + 241 \\674 &:= 1^7 + 6^2 + 9^2 + 23^2 + 27^1 = 17 + 62 + 92 + 232 + 271 \\674 &:= 1^7 + 7^3 + 14^1 + 17^2 + 27^1 = 17 + 73 + 141 + 172 + 271 \\674 &:= 1^7 + 7^3 + 15^1 + 17^2 + 26^1 = 17 + 73 + 151 + 172 + 261 \\674 &:= 1^7 + 7^3 + 16^1 + 17^2 + 25^1 = 17 + 73 + 161 + 172 + 251 \\674 &:= 1^7 + 7^3 + 17^1 + 17^2 + 24^1 = 17 + 73 + 171 + 172 + 241 \\674 &:= 1^7 + 7^3 + 17^2 + 18^1 + 23^1 = 17 + 73 + 172 + 181 + 231 \\674 &:= 1^7 + 7^3 + 17^2 + 19^1 + 22^1 = 17 + 73 + 172 + 191 + 221 \\674 &:= 1^7 + 7^3 + 17^2 + 20^1 + 21^1 = 17 + 73 + 172 + 201 + 211 \\674 &:= 1^7 + 8^2 + 10^2 + 22^2 + 25^1 = 17 + 82 + 102 + 222 + 251 \\674 &:= 1^7 + 8^2 + 12^2 + 21^2 + 24^1 = 17 + 82 + 122 + 212 + 241 \\674 &:= 1^7 + 8^2 + 15^2 + 19^2 + 23^1 = 17 + 82 + 152 + 192 + 231 \\674 &:= 1^7 + 9^2 + 13^2 + 20^2 + 23^1 = 17 + 92 + 132 + 202 + 231 \\674 &:= 1^8 + 3^3 + 17^0 + 20^1 + 25^2 = 18 + 33 + 170 + 201 + 252 \\674 &:= 1^8 + 4^2 + 16^2 + 20^2 + 25^0 = 18 + 42 + 162 + 202 + 250\end{aligned}$$

$$\begin{aligned}674 &:= 1^8 + 5^3 + 18^1 + 19^0 + 23^2 = 18 + 53 + 181 + 190 + 232 \\674 &:= 1^8 + 5^4 + 13^0 + 20^1 + 27^1 = 18 + 54 + 130 + 201 + 271 \\674 &:= 1^8 + 5^4 + 13^0 + 21^1 + 26^1 = 18 + 54 + 130 + 211 + 261 \\674 &:= 1^8 + 5^4 + 13^0 + 22^1 + 25^1 = 18 + 54 + 130 + 221 + 251 \\674 &:= 1^8 + 5^4 + 13^0 + 23^1 + 24^1 = 18 + 54 + 130 + 231 + 241 \\674 &:= 1^8 + 6^1 + 8^2 + 24^2 + 27^1 = 18 + 61 + 82 + 242 + 271 \\674 &:= 1^8 + 6^3 + 15^1 + 21^2 + 23^0 = 18 + 63 + 151 + 212 + 230 \\674 &:= 1^8 + 7^1 + 8^2 + 24^2 + 26^1 = 18 + 71 + 82 + 242 + 261 \\674 &:= 1^8 + 8^1 + 8^2 + 24^2 + 25^1 = 18 + 81 + 82 + 242 + 251 \\674 &:= 1^8 + 8^2 + 10^1 + 23^1 + 24^2 = 18 + 82 + 101 + 231 + 242 \\674 &:= 1^8 + 8^2 + 11^1 + 22^1 + 24^2 = 18 + 82 + 111 + 221 + 242 \\674 &:= 1^8 + 8^2 + 12^1 + 21^1 + 24^2 = 18 + 82 + 121 + 211 + 242 \\674 &:= 1^8 + 8^2 + 13^1 + 20^1 + 24^2 = 18 + 82 + 131 + 201 + 242 \\674 &:= 1^8 + 8^2 + 14^1 + 19^1 + 24^2 = 18 + 82 + 141 + 191 + 242 \\674 &:= 1^8 + 8^2 + 15^1 + 18^1 + 24^2 = 18 + 82 + 151 + 181 + 242 \\674 &:= 1^8 + 8^2 + 16^1 + 17^1 + 24^2 = 18 + 82 + 161 + 171 + 242 \\674 &:= 1^8 + 8^2 + 9^1 + 24^1 + 24^2 = 18 + 82 + 91 + 241 + 242 \\674 &:= 1^9 + 11^0 + 13^2 + 19^1 + 22^2 = 19 + 110 + 132 + 191 + 222 \\674 &:= 1^9 + 13^0 + 16^1 + 16^2 + 20^2 = 19 + 130 + 161 + 162 + 202 \\674 &:= 1^9 + 5^0 + 18^2 + 18^2 + 24^1 = 19 + 50 + 182 + 182 + 241 \\674 &:= 1^9 + 5^2 + 13^0 + 22^1 + 25^2 = 19 + 52 + 130 + 221 + 252 \\674 &:= 1^9 + 6^1 + 15^2 + 21^2 + 23^0 = 19 + 61 + 152 + 212 + 230 \\674 &:= 1^9 + 6^2 + 11^1 + 23^0 + 25^2 = 19 + 62 + 111 + 230 + 252 \\674 &:= 1^9 + 7^0 + 17^2 + 19^2 + 22^1 = 19 + 70 + 172 + 192 + 221 \\674 &:= 1^9 + 9^0 + 11^2 + 22^1 + 23^2 = 19 + 90 + 112 + 221 + 232 \\674 &:= 1^9 + 9^2 + 15^1 + 17^0 + 24^2 = 19 + 92 + 151 + 170 + 242 \\674 &:= 2^4 + 2^8 + 15^0 + 20^2 + 27^0 = 24 + 28 + 150 + 202 + 270 \\674 &:= 2^4 + 2^8 + 16^0 + 20^2 + 26^0 = 24 + 28 + 160 + 202 + 260 \\674 &:= 2^4 + 2^8 + 17^0 + 20^2 + 25^0 = 24 + 28 + 170 + 202 + 250 \\674 &:= 2^4 + 2^8 + 18^0 + 20^2 + 24^0 = 24 + 28 + 180 + 202 + 240\end{aligned}$$

$$\begin{aligned}
 674 &:= 2^4 + 2^8 + 19^0 + 20^2 + 23^0 = 24 + 28 + 190 + 202 + 230 \\
 674 &:= 2^4 + 2^8 + 20^0 + 20^2 + 22^0 = 24 + 28 + 200 + 202 + 220 \\
 674 &:= 2^4 + 2^8 + 20^2 + 21^0 + 21^0 = 24 + 28 + 202 + 210 + 210 \\
 674 &:= 2^6 + 6^3 + 7^3 + 24^1 + 27^1 = 26 + 63 + 73 + 241 + 271 \\
 674 &:= 2^6 + 6^3 + 7^3 + 25^1 + 26^1 = 26 + 63 + 73 + 251 + 261 \\
 674 &:= 2^7 + 10^2 + 14^2 + 15^2 + 25^1 = 27 + 102 + 142 + 152 + 251 \\
 674 &:= 2^7 + 11^2 + 12^2 + 16^2 + 25^1 = 27 + 112 + 122 + 162 + 251 \\
 674 &:= 2^7 + 3^4 + 17^0 + 21^2 + 23^1 = 27 + 34 + 170 + 212 + 231 \\
 674 &:= 2^7 + 6^3 + 14^1 + 17^2 + 27^1 = 27 + 63 + 141 + 172 + 271 \\
 674 &:= 2^7 + 6^3 + 15^1 + 17^2 + 26^1 = 27 + 63 + 151 + 172 + 261 \\
 674 &:= 2^7 + 6^3 + 16^1 + 17^2 + 25^1 = 27 + 63 + 161 + 172 + 251 \\
 674 &:= 2^7 + 6^3 + 17^1 + 17^2 + 24^1 = 27 + 63 + 171 + 172 + 241 \\
 674 &:= 2^7 + 6^3 + 17^2 + 18^1 + 23^1 = 27 + 63 + 172 + 181 + 231 \\
 674 &:= 2^7 + 6^3 + 17^2 + 19^1 + 22^1 = 27 + 63 + 172 + 191 + 221 \\
 674 &:= 2^7 + 6^3 + 17^2 + 20^1 + 21^1 = 27 + 63 + 172 + 201 + 211 \\
 674 &:= 2^8 + 4^2 + 14^1 + 19^2 + 27^1 = 28 + 42 + 141 + 192 + 271 \\
 674 &:= 2^8 + 4^2 + 15^1 + 19^2 + 26^1 = 28 + 42 + 151 + 192 + 261 \\
 674 &:= 2^8 + 4^2 + 16^1 + 19^2 + 25^1 = 28 + 42 + 161 + 192 + 251
 \end{aligned}$$

$$\begin{aligned}
 674 &:= 2^8 + 4^2 + 17^1 + 19^2 + 24^1 = 28 + 42 + 171 + 192 + 241 \\
 674 &:= 2^8 + 4^2 + 18^1 + 19^2 + 23^1 = 28 + 42 + 181 + 192 + 231 \\
 674 &:= 2^8 + 4^2 + 19^1 + 19^2 + 22^1 = 28 + 42 + 191 + 192 + 221 \\
 674 &:= 2^8 + 4^2 + 19^2 + 20^1 + 21^1 = 28 + 42 + 192 + 201 + 211 \\
 674 &:= 2^8 + 7^2 + 7^3 + 25^0 + 25^1 = 28 + 72 + 73 + 250 + 251 \\
 674 &:= 2^9 + 4^2 + 11^2 + 24^1 + 25^0 = 29 + 42 + 112 + 241 + 250 \\
 674 &:= 2^9 + 5^3 + 10^1 + 23^0 + 26^1 = 29 + 53 + 101 + 230 + 261 \\
 674 &:= 2^9 + 5^3 + 11^1 + 23^0 + 25^1 = 29 + 53 + 111 + 230 + 251 \\
 674 &:= 2^9 + 5^3 + 12^1 + 23^0 + 24^1 = 29 + 53 + 121 + 230 + 241 \\
 674 &:= 2^9 + 5^3 + 13^1 + 23^0 + 23^1 = 29 + 53 + 131 + 230 + 231 \\
 674 &:= 2^9 + 5^3 + 14^1 + 22^1 + 23^0 = 29 + 53 + 141 + 221 + 230 \\
 674 &:= 2^9 + 5^3 + 15^1 + 21^1 + 23^0 = 29 + 53 + 151 + 211 + 230 \\
 674 &:= 2^9 + 5^3 + 16^1 + 20^1 + 23^0 = 29 + 53 + 161 + 201 + 230 \\
 674 &:= 2^9 + 5^3 + 17^1 + 19^1 + 23^0 = 29 + 53 + 171 + 191 + 230 \\
 674 &:= 2^9 + 5^3 + 18^1 + 18^1 + 23^0 = 29 + 53 + 181 + 181 + 230 \\
 674 &:= 2^9 + 5^3 + 9^1 + 23^0 + 27^1 = 29 + 53 + 91 + 230 + 271 \\
 674 &:= 2^9 + 6^2 + 10^2 + 23^0 + 25^1 = 29 + 62 + 102 + 230 + 251
 \end{aligned}$$

2.2.576 Number 675

$$\begin{aligned}
 675 &:= 5^4 + 13^0 + 49^1 = 54 + 130 + 491 \\
 675 &:= 8^2 + 24^2 + 35^1 = 82 + 242 + 351 \\
 675 &:= 1^0 + 5^4 + 13^0 + 48^1 = 10 + 54 + 130 + 481 \\
 675 &:= 1^0 + 8^2 + 24^2 + 34^1 = 10 + 82 + 242 + 341 \\
 675 &:= 1^1 + 12^2 + 23^2 + 31^0 = 11 + 122 + 232 + 310 \\
 675 &:= 11^0 + 13^2 + 21^1 + 22^2 = 110 + 132 + 211 + 222 \\
 675 &:= 13^0 + 16^2 + 18^1 + 20^2 = 130 + 162 + 181 + 202 \\
 675 &:= 2^0 + 5^4 + 12^0 + 48^1 = 20 + 54 + 120 + 481 \\
 675 &:= 2^9 + 3^4 + 9^2 + 52^0 = 29 + 34 + 92 + 520 \\
 675 &:= 3^0 + 5^4 + 11^0 + 48^1 = 30 + 54 + 110 + 481 \\
 675 &:= 4^0 + 5^4 + 10^0 + 48^1 = 40 + 54 + 100 + 481 \\
 675 &:= 4^2 + 5^0 + 25^2 + 33^1 = 42 + 50 + 252 + 331 \\
 675 &:= 5^0 + 18^2 + 18^2 + 26^1 = 50 + 182 + 182 + 261 \\
 675 &:= 5^0 + 5^4 + 9^0 + 48^1 = 50 + 54 + 90 + 481 \\
 675 &:= 5^2 + 13^0 + 24^1 + 25^2 = 52 + 130 + 241 + 252 \\
 675 &:= 5^4 + 6^0 + 8^0 + 48^1 = 54 + 60 + 80 + 481 \\
 675 &:= 5^4 + 7^0 + 7^0 + 48^1 = 54 + 70 + 70 + 481
 \end{aligned}$$

$$\begin{aligned}
 675 &:= 6^2 + 13^1 + 23^0 + 25^2 = 62 + 131 + 230 + 252 \\
 675 &:= 7^0 + 17^2 + 19^2 + 24^1 = 70 + 172 + 192 + 241 \\
 675 &:= 8^1 + 15^2 + 21^2 + 23^0 = 81 + 152 + 212 + 230 \\
 675 &:= 9^0 + 11^2 + 23^2 + 24^1 = 90 + 112 + 232 + 241 \\
 675 &:= 9^2 + 17^0 + 17^1 + 24^2 = 92 + 170 + 171 + 242 \\
 675 &:= 1^0 + 11^0 + 13^2 + 20^1 + 22^2 = 10 + 110 + 132 + 201 + 222 \\
 675 &:= 1^0 + 13^0 + 16^2 + 17^1 + 20^2 = 10 + 130 + 162 + 171 + 202 \\
 675 &:= 1^0 + 5^0 + 18^2 + 18^2 + 25^1 = 10 + 50 + 182 + 182 + 251 \\
 675 &:= 1^0 + 5^2 + 13^0 + 23^1 + 25^2 = 10 + 52 + 130 + 231 + 252 \\
 675 &:= 1^0 + 6^2 + 12^1 + 23^0 + 25^2 = 10 + 62 + 121 + 230 + 252 \\
 675 &:= 1^0 + 7^0 + 17^2 + 19^2 + 23^1 = 10 + 70 + 172 + 192 + 231 \\
 675 &:= 1^0 + 7^1 + 15^2 + 21^2 + 23^0 = 10 + 71 + 152 + 212 + 230 \\
 675 &:= 1^0 + 9^0 + 11^2 + 23^1 + 23^2 = 10 + 90 + 112 + 231 + 232 \\
 675 &:= 1^0 + 9^2 + 16^1 + 17^0 + 24^2 = 10 + 92 + 161 + 170 + 242 \\
 675 &:= 1^4 + 2^8 + 17^1 + 20^2 + 26^0 = 14 + 28 + 171 + 202 + 260 \\
 675 &:= 1^5 + 2^7 + 16^1 + 23^2 + 24^0 = 15 + 27 + 161 + 232 + 240 \\
 675 &:= 1^7 + 2^5 + 16^1 + 22^0 + 25^2 = 17 + 25 + 161 + 220 + 252
 \end{aligned}$$

$$\begin{aligned} 675 &:= 1^8 + 3^4 + 16^1 + 22^0 + 24^2 = 18 + 34 + 161 + 220 + 242 \\ 675 &:= 1^8 + 4^4 + 17^1 + 20^2 + 24^0 = 18 + 44 + 171 + 202 + 240 \\ 675 &:= 1^9 + 3^3 + 16^0 + 21^1 + 25^2 = 19 + 33 + 160 + 211 + 252 \\ 675 &:= 1^9 + 5^2 + 18^2 + 18^2 + 24^0 = 19 + 52 + 182 + 182 + 240 \\ 675 &:= 1^9 + 5^3 + 18^0 + 19^1 + 23^2 = 19 + 53 + 180 + 191 + 232 \\ 675 &:= 1^9 + 5^4 + 12^0 + 21^1 + 27^1 = 19 + 54 + 120 + 211 + 271 \\ 675 &:= 1^9 + 5^4 + 12^0 + 22^1 + 26^1 = 19 + 54 + 120 + 221 + 261 \\ 675 &:= 1^9 + 5^4 + 12^0 + 23^1 + 25^1 = 19 + 54 + 120 + 231 + 251 \\ 675 &:= 1^9 + 5^4 + 12^0 + 24^1 + 24^1 = 19 + 54 + 120 + 241 + 241 \\ 675 &:= 1^9 + 6^2 + 14^2 + 21^2 + 24^0 = 19 + 62 + 142 + 212 + 240 \\ 675 &:= 1^9 + 6^3 + 16^1 + 21^2 + 22^0 = 19 + 63 + 161 + 212 + 220 \\ 675 &:= 2^0 + 10^0 + 13^2 + 20^1 + 22^2 = 20 + 100 + 132 + 201 + 222 \\ 675 &:= 2^0 + 12^0 + 16^2 + 17^1 + 20^2 = 20 + 120 + 162 + 171 + 202 \\ 675 &:= 2^0 + 4^0 + 18^2 + 18^2 + 25^1 = 20 + 40 + 182 + 182 + 251 \\ 675 &:= 2^0 + 5^2 + 12^0 + 23^1 + 25^2 = 20 + 52 + 120 + 231 + 252 \\ 675 &:= 2^0 + 6^0 + 17^2 + 19^2 + 23^1 = 20 + 60 + 172 + 192 + 231 \\ 675 &:= 2^0 + 6^2 + 12^1 + 22^0 + 25^2 = 20 + 62 + 121 + 220 + 252 \\ 675 &:= 2^0 + 7^1 + 15^2 + 21^2 + 22^0 = 20 + 71 + 152 + 212 + 220 \\ 675 &:= 2^0 + 8^0 + 11^2 + 23^1 + 23^2 = 20 + 80 + 112 + 231 + 232 \\ 675 &:= 2^0 + 9^2 + 16^0 + 16^1 + 24^2 = 20 + 92 + 160 + 161 + 242 \\ 675 &:= 2^6 + 2^6 + 17^1 + 22^0 + 23^2 = 26 + 26 + 171 + 220 + 232 \\ 675 &:= 3^0 + 11^0 + 16^2 + 17^1 + 20^2 = 30 + 110 + 162 + 171 + 202 \\ 675 &:= 3^0 + 3^0 + 18^2 + 18^2 + 25^1 = 30 + 30 + 182 + 182 + 251 \\ 675 &:= 3^0 + 5^0 + 17^2 + 19^2 + 23^1 = 30 + 50 + 172 + 192 + 231 \\ 675 &:= 3^0 + 5^2 + 11^0 + 23^1 + 25^2 = 30 + 52 + 110 + 231 + 252 \\ 675 &:= 3^0 + 6^2 + 12^1 + 21^0 + 25^2 = 30 + 62 + 121 + 210 + 252 \\ 675 &:= 3^0 + 7^0 + 11^2 + 23^1 + 23^2 = 30 + 70 + 112 + 231 + 232 \\ 675 &:= 3^0 + 7^1 + 15^2 + 21^0 + 21^2 = 30 + 71 + 152 + 210 + 212 \\ 675 &:= 3^0 + 9^0 + 13^2 + 20^1 + 22^2 = 30 + 90 + 132 + 201 + 222 \\ 675 &:= 3^0 + 9^2 + 15^0 + 16^1 + 24^2 = 30 + 92 + 150 + 161 + 242 \\ 675 &:= 4^0 + 10^0 + 16^2 + 17^1 + 20^2 = 40 + 100 + 162 + 171 + 202 \\ 675 &:= 4^0 + 4^0 + 17^2 + 19^2 + 23^1 = 40 + 40 + 172 + 192 + 231 \\ 675 &:= 4^0 + 5^2 + 10^0 + 23^1 + 25^2 = 40 + 52 + 100 + 231 + 252 \\ 675 &:= 4^0 + 6^0 + 11^2 + 23^1 + 23^2 = 40 + 60 + 112 + 231 + 232 \\ 675 &:= 4^0 + 6^2 + 12^1 + 20^0 + 25^2 = 40 + 62 + 121 + 200 + 252 \end{aligned}$$

$$\begin{aligned} 675 &:= 4^0 + 7^1 + 15^2 + 20^0 + 21^2 = 40 + 71 + 152 + 200 + 212 \\ 675 &:= 4^0 + 8^0 + 13^2 + 20^1 + 22^2 = 40 + 80 + 132 + 201 + 222 \\ 675 &:= 4^0 + 9^2 + 14^0 + 16^1 + 24^2 = 40 + 92 + 140 + 161 + 242 \\ 675 &:= 5^0 + 5^0 + 11^2 + 23^1 + 23^2 = 50 + 50 + 112 + 231 + 232 \\ 675 &:= 5^0 + 5^2 + 9^0 + 23^1 + 25^2 = 50 + 52 + 90 + 231 + 252 \\ 675 &:= 5^0 + 6^2 + 12^1 + 19^0 + 25^2 = 50 + 62 + 121 + 190 + 252 \\ 675 &:= 5^0 + 7^0 + 13^2 + 20^1 + 22^2 = 50 + 70 + 132 + 201 + 222 \\ 675 &:= 5^0 + 7^1 + 15^2 + 19^0 + 21^2 = 50 + 71 + 152 + 190 + 212 \\ 675 &:= 5^0 + 9^0 + 16^2 + 17^1 + 20^2 = 50 + 90 + 162 + 171 + 202 \\ 675 &:= 5^0 + 9^2 + 13^0 + 16^1 + 24^2 = 50 + 92 + 130 + 161 + 242 \\ 675 &:= 5^2 + 6^0 + 8^0 + 23^1 + 25^2 = 52 + 60 + 80 + 231 + 252 \\ 675 &:= 5^2 + 7^0 + 7^0 + 23^1 + 25^2 = 52 + 70 + 70 + 231 + 252 \\ 675 &:= 6^0 + 6^0 + 13^2 + 20^1 + 22^2 = 60 + 60 + 132 + 201 + 222 \\ 675 &:= 6^0 + 6^2 + 12^1 + 18^0 + 25^2 = 60 + 62 + 121 + 180 + 252 \\ 675 &:= 6^0 + 7^1 + 15^2 + 18^0 + 21^2 = 60 + 71 + 152 + 180 + 212 \\ 675 &:= 6^0 + 8^0 + 16^2 + 17^1 + 20^2 = 60 + 80 + 162 + 171 + 202 \\ 675 &:= 6^0 + 9^2 + 12^0 + 16^1 + 24^2 = 60 + 92 + 120 + 161 + 242 \\ 675 &:= 6^2 + 10^0 + 12^1 + 14^0 + 25^2 = 62 + 100 + 121 + 140 + 252 \\ 675 &:= 6^2 + 11^0 + 12^1 + 13^0 + 25^2 = 62 + 110 + 121 + 130 + 252 \\ 675 &:= 6^2 + 12^0 + 12^0 + 12^1 + 25^2 = 62 + 120 + 120 + 121 + 252 \\ 675 &:= 6^2 + 7^0 + 12^1 + 17^0 + 25^2 = 62 + 70 + 121 + 170 + 252 \\ 675 &:= 6^2 + 8^0 + 12^1 + 16^0 + 25^2 = 62 + 80 + 121 + 160 + 252 \\ 675 &:= 6^2 + 9^0 + 12^1 + 15^0 + 25^2 = 62 + 90 + 121 + 150 + 252 \\ 675 &:= 7^0 + 7^0 + 16^2 + 17^1 + 20^2 = 70 + 70 + 162 + 171 + 202 \\ 675 &:= 7^0 + 7^1 + 15^2 + 17^0 + 21^2 = 70 + 71 + 152 + 170 + 212 \\ 675 &:= 7^0 + 9^2 + 11^0 + 16^1 + 24^2 = 70 + 92 + 110 + 161 + 242 \\ 675 &:= 7^1 + 10^0 + 14^0 + 15^2 + 21^2 = 71 + 100 + 140 + 152 + 212 \\ 675 &:= 7^1 + 11^0 + 13^0 + 15^2 + 21^2 = 71 + 110 + 130 + 152 + 212 \\ 675 &:= 7^1 + 12^0 + 12^0 + 15^2 + 21^2 = 71 + 120 + 120 + 152 + 212 \\ 675 &:= 7^1 + 8^0 + 15^2 + 16^0 + 21^2 = 71 + 80 + 152 + 160 + 212 \\ 675 &:= 7^1 + 9^0 + 15^0 + 15^2 + 21^2 = 71 + 90 + 150 + 152 + 212 \\ 675 &:= 8^0 + 9^2 + 10^0 + 16^1 + 24^2 = 80 + 92 + 100 + 161 + 242 \\ 675 &:= 9^0 + 9^0 + 9^2 + 16^1 + 24^2 = 90 + 90 + 92 + 161 + 242 \end{aligned}$$

2.2.577 Number 676

$676 := 1^0 + 5^4 + 7^2 + 54^0$	$= 10 + 54 + 72 + 540$	$676 := 5^4 + 7^1 + 12^0 + 43^1$	$= 54 + 71 + 120 + 431$
$676 := 1^1 + 5^4 + 12^0 + 49^1$	$= 11 + 54 + 120 + 491$	$676 := 5^4 + 7^2 + 10^0 + 45^0$	$= 54 + 72 + 100 + 450$
$676 := 1^2 + 7^2 + 25^2 + 34^0$	$= 12 + 72 + 252 + 340$	$676 := 5^4 + 7^2 + 11^0 + 44^0$	$= 54 + 72 + 110 + 440$
$676 := 15^2 + 15^2 + 15^2 + 22^0$	$= 152 + 152 + 152 + 220$	$676 := 5^4 + 7^2 + 12^0 + 43^0$	$= 54 + 72 + 120 + 430$
$676 := 2^0 + 5^4 + 7^2 + 53^0$	$= 20 + 54 + 72 + 530$	$676 := 5^4 + 7^2 + 13^0 + 42^0$	$= 54 + 72 + 130 + 420$
$676 := 2^1 + 5^4 + 12^0 + 48^1$	$= 21 + 54 + 120 + 481$	$676 := 5^4 + 7^2 + 14^0 + 41^0$	$= 54 + 72 + 140 + 410$
$676 := 3^0 + 5^4 + 7^2 + 52^0$	$= 30 + 54 + 72 + 520$	$676 := 5^4 + 7^2 + 15^0 + 40^0$	$= 54 + 72 + 150 + 400$
$676 := 3^1 + 5^4 + 12^0 + 47^1$	$= 31 + 54 + 120 + 471$	$676 := 5^4 + 7^2 + 16^0 + 39^0$	$= 54 + 72 + 160 + 390$
$676 := 3^2 + 15^2 + 21^2 + 28^0$	$= 32 + 152 + 212 + 280$	$676 := 5^4 + 7^2 + 17^0 + 38^0$	$= 54 + 72 + 170 + 380$
$676 := 3^3 + 16^0 + 23^1 + 25^2$	$= 33 + 160 + 231 + 252$	$676 := 5^4 + 7^2 + 18^0 + 37^0$	$= 54 + 72 + 180 + 370$
$676 := 4^0 + 4^3 + 24^2 + 35^1$	$= 40 + 43 + 242 + 351$	$676 := 5^4 + 7^2 + 19^0 + 36^0$	$= 54 + 72 + 190 + 360$
$676 := 4^0 + 5^4 + 7^2 + 51^0$	$= 40 + 54 + 72 + 510$	$676 := 5^4 + 7^2 + 20^0 + 35^0$	$= 54 + 72 + 200 + 350$
$676 := 4^1 + 5^4 + 12^0 + 46^1$	$= 41 + 54 + 120 + 461$	$676 := 5^4 + 7^2 + 21^0 + 34^0$	$= 54 + 72 + 210 + 340$
$676 := 5^0 + 5^4 + 7^2 + 50^0$	$= 50 + 54 + 72 + 500$	$676 := 5^4 + 7^2 + 22^0 + 33^0$	$= 54 + 72 + 220 + 330$
$676 := 5^1 + 5^4 + 12^0 + 45^1$	$= 51 + 54 + 120 + 451$	$676 := 5^4 + 7^2 + 23^0 + 32^0$	$= 54 + 72 + 230 + 320$
$676 := 5^2 + 11^2 + 23^2 + 28^0$	$= 52 + 112 + 232 + 280$	$676 := 5^4 + 7^2 + 24^0 + 31^0$	$= 54 + 72 + 240 + 310$
$676 := 5^2 + 17^2 + 19^2 + 26^0$	$= 52 + 172 + 192 + 260$	$676 := 5^4 + 7^2 + 25^0 + 30^0$	$= 54 + 72 + 250 + 300$
$676 := 5^2 + 5^2 + 25^2 + 32^0$	$= 52 + 52 + 252 + 320$	$676 := 5^4 + 7^2 + 26^0 + 29^0$	$= 54 + 72 + 260 + 290$
$676 := 5^3 + 18^0 + 21^1 + 23^2$	$= 53 + 180 + 211 + 232$	$676 := 5^4 + 7^2 + 27^0 + 28^0$	$= 54 + 72 + 270 + 280$
$676 := 5^4 + 10^1 + 12^0 + 40^1$	$= 54 + 101 + 120 + 401$	$676 := 5^4 + 7^2 + 8^0 + 47^0$	$= 54 + 72 + 80 + 470$
$676 := 5^4 + 11^1 + 12^0 + 39^1$	$= 54 + 111 + 120 + 391$	$676 := 5^4 + 7^2 + 9^0 + 46^0$	$= 54 + 72 + 90 + 460$
$676 := 5^4 + 12^0 + 12^1 + 38^1$	$= 54 + 120 + 121 + 381$	$676 := 5^4 + 8^1 + 12^0 + 42^1$	$= 54 + 81 + 120 + 421$
$676 := 5^4 + 12^0 + 13^1 + 37^1$	$= 54 + 120 + 131 + 371$	$676 := 5^4 + 9^1 + 12^0 + 41^1$	$= 54 + 91 + 120 + 411$
$676 := 5^4 + 12^0 + 14^1 + 36^1$	$= 54 + 120 + 141 + 361$	$676 := 6^0 + 8^3 + 11^2 + 42^1$	$= 60 + 83 + 112 + 421$
$676 := 5^4 + 12^0 + 15^1 + 35^1$	$= 54 + 120 + 151 + 351$	$676 := 6^3 + 18^1 + 21^2 + 22^0$	$= 63 + 181 + 212 + 220$
$676 := 5^4 + 12^0 + 16^1 + 34^1$	$= 54 + 120 + 161 + 341$	$676 := 7^3 + 8^1 + 18^2 + 34^0$	$= 73 + 81 + 182 + 340$
$676 := 5^4 + 12^0 + 17^1 + 33^1$	$= 54 + 120 + 171 + 331$	$676 := 8^3 + 12^2 + 19^1 + 28^0$	$= 83 + 122 + 191 + 280$
$676 := 5^4 + 12^0 + 18^1 + 32^1$	$= 54 + 120 + 181 + 321$	$676 := 1^0 + 12^2 + 13^2 + 19^2 + 22^0$	$= 10 + 122 + 132 + 192 + 220$
$676 := 5^4 + 12^0 + 19^1 + 31^1$	$= 54 + 120 + 191 + 311$	$676 := 1^0 + 3^3 + 16^0 + 22^1 + 25^2$	$= 10 + 33 + 160 + 221 + 252$
$676 := 5^4 + 12^0 + 20^1 + 30^1$	$= 54 + 120 + 201 + 301$	$676 := 1^0 + 5^3 + 18^0 + 20^1 + 23^2$	$= 10 + 53 + 180 + 201 + 232$
$676 := 5^4 + 12^0 + 21^1 + 29^1$	$= 54 + 120 + 211 + 291$	$676 := 1^0 + 5^4 + 12^0 + 22^1 + 27^1$	$= 10 + 54 + 120 + 221 + 271$
$676 := 5^4 + 12^0 + 22^1 + 28^1$	$= 54 + 120 + 221 + 281$	$676 := 1^0 + 5^4 + 12^0 + 23^1 + 26^1$	$= 10 + 54 + 120 + 231 + 261$
$676 := 5^4 + 12^0 + 23^1 + 27^1$	$= 54 + 120 + 231 + 271$	$676 := 1^0 + 5^4 + 12^0 + 24^1 + 25^1$	$= 10 + 54 + 120 + 241 + 251$
$676 := 5^4 + 12^0 + 24^1 + 26^1$	$= 54 + 120 + 241 + 261$	$676 := 1^0 + 6^3 + 17^1 + 21^2 + 22^0$	$= 10 + 63 + 171 + 212 + 220$
$676 := 5^4 + 12^0 + 25^1 + 25^1$	$= 54 + 120 + 251 + 251$	$676 := 1^0 + 7^2 + 15^2 + 20^2 + 24^0$	$= 10 + 72 + 152 + 202 + 240$
$676 := 5^4 + 6^0 + 7^2 + 49^0$	$= 54 + 60 + 72 + 490$	$676 := 1^0 + 8^2 + 13^2 + 21^2 + 24^0$	$= 10 + 82 + 132 + 212 + 240$
$676 := 5^4 + 6^1 + 12^0 + 44^1$	$= 54 + 61 + 120 + 441$	$676 := 1^0 + 8^2 + 9^2 + 23^2 + 26^0$	$= 10 + 82 + 92 + 232 + 260$
$676 := 5^4 + 7^0 + 7^2 + 48^0$	$= 54 + 70 + 72 + 480$	$676 := 1^1 + 10^0 + 13^2 + 21^1 + 22^2$	$= 11 + 100 + 132 + 211 + 222$

$$\begin{aligned}
 676 &:= 1^1 + 12^0 + 16^2 + 18^1 + 20^2 = 11 + 120 + 162 + 181 + 202 & 676 &:= 2^0 + 5^4 + 11^0 + 23^1 + 26^1 = 20 + 54 + 110 + 231 + 261 \\
 676 &:= 1^1 + 4^0 + 18^2 + 18^2 + 26^1 = 11 + 40 + 182 + 182 + 261 & 676 &:= 2^0 + 5^4 + 11^0 + 24^1 + 25^1 = 20 + 54 + 110 + 241 + 251 \\
 676 &:= 1^1 + 5^2 + 12^0 + 24^1 + 25^2 = 11 + 52 + 120 + 241 + 252 & 676 &:= 2^0 + 6^3 + 17^1 + 21^0 + 21^2 = 20 + 63 + 171 + 210 + 212 \\
 676 &:= 1^1 + 6^0 + 17^2 + 19^2 + 24^1 = 11 + 60 + 172 + 192 + 241 & 676 &:= 2^0 + 7^2 + 15^2 + 20^2 + 23^0 = 20 + 72 + 152 + 202 + 230 \\
 676 &:= 1^1 + 6^2 + 13^1 + 22^0 + 25^2 = 11 + 62 + 131 + 220 + 252 & 676 &:= 2^0 + 7^2 + 7^2 + 24^2 + 27^0 = 20 + 72 + 72 + 242 + 270 \\
 676 &:= 1^1 + 8^0 + 11^2 + 23^2 + 24^1 = 11 + 80 + 112 + 232 + 241 & 676 &:= 2^0 + 8^2 + 13^2 + 21^2 + 23^0 = 20 + 82 + 132 + 212 + 230 \\
 676 &:= 1^1 + 8^1 + 15^2 + 21^2 + 22^0 = 11 + 81 + 152 + 212 + 220 & 676 &:= 2^0 + 8^2 + 9^2 + 23^2 + 25^0 = 20 + 82 + 92 + 232 + 250 \\
 676 &:= 1^1 + 9^2 + 16^0 + 17^1 + 24^2 = 11 + 92 + 160 + 171 + 242 & 676 &:= 2^0 + 8^3 + 12^2 + 18^1 + 27^0 = 20 + 83 + 122 + 181 + 270 \\
 676 &:= 1^2 + 10^0 + 12^2 + 21^0 + 23^2 = 12 + 100 + 122 + 210 + 232 & 676 &:= 2^1 + 10^0 + 13^2 + 20^1 + 22^2 = 21 + 100 + 132 + 201 + 222 \\
 676 &:= 1^2 + 11^0 + 12^2 + 20^0 + 23^2 = 12 + 110 + 122 + 200 + 232 & 676 &:= 2^1 + 12^0 + 16^2 + 17^1 + 20^2 = 21 + 120 + 162 + 171 + 202 \\
 676 &:= 1^2 + 12^0 + 12^2 + 19^0 + 23^2 = 12 + 120 + 122 + 190 + 232 & 676 &:= 2^1 + 4^0 + 18^2 + 18^2 + 25^1 = 21 + 40 + 182 + 182 + 251 \\
 676 &:= 1^2 + 12^2 + 13^0 + 18^0 + 23^2 = 12 + 122 + 130 + 180 + 232 & 676 &:= 2^1 + 5^2 + 12^0 + 23^1 + 25^2 = 21 + 52 + 120 + 231 + 252 \\
 676 &:= 1^2 + 12^2 + 14^0 + 17^0 + 23^2 = 12 + 122 + 140 + 170 + 232 & 676 &:= 2^1 + 6^0 + 17^2 + 19^2 + 23^1 = 21 + 60 + 172 + 192 + 231 \\
 676 &:= 1^2 + 12^2 + 15^0 + 16^0 + 23^2 = 12 + 122 + 150 + 160 + 232 & 676 &:= 2^1 + 6^2 + 12^1 + 22^0 + 25^2 = 21 + 62 + 121 + 220 + 252 \\
 676 &:= 1^2 + 4^0 + 12^2 + 23^2 + 27^0 = 12 + 40 + 122 + 232 + 270 & 676 &:= 2^1 + 7^1 + 15^2 + 21^2 + 22^0 = 21 + 71 + 152 + 212 + 220 \\
 676 &:= 1^2 + 5^0 + 12^2 + 23^2 + 26^0 = 12 + 50 + 122 + 232 + 260 & 676 &:= 2^1 + 8^0 + 11^2 + 23^1 + 23^2 = 21 + 80 + 112 + 231 + 232 \\
 676 &:= 1^2 + 6^0 + 12^2 + 23^2 + 25^0 = 12 + 60 + 122 + 232 + 250 & 676 &:= 2^1 + 9^2 + 16^0 + 16^1 + 24^2 = 21 + 92 + 160 + 161 + 242 \\
 676 &:= 1^2 + 7^0 + 12^2 + 23^2 + 24^0 = 12 + 70 + 122 + 232 + 240 & 676 &:= 2^4 + 2^8 + 16^1 + 19^2 + 27^1 = 24 + 28 + 161 + 192 + 271 \\
 676 &:= 1^2 + 8^0 + 12^2 + 23^0 + 23^2 = 12 + 80 + 122 + 230 + 232 & 676 &:= 2^4 + 2^8 + 17^1 + 19^2 + 26^1 = 24 + 28 + 171 + 192 + 261 \\
 676 &:= 1^2 + 9^0 + 12^2 + 22^0 + 23^2 = 12 + 90 + 122 + 220 + 232 & 676 &:= 2^4 + 2^8 + 18^1 + 19^2 + 25^1 = 24 + 28 + 181 + 192 + 251 \\
 676 &:= 1^5 + 2^8 + 18^1 + 20^2 + 25^0 = 15 + 28 + 181 + 202 + 250 & 676 &:= 2^4 + 2^8 + 19^1 + 19^2 + 24^1 = 24 + 28 + 191 + 192 + 241 \\
 676 &:= 1^6 + 2^7 + 17^1 + 23^0 + 23^2 = 16 + 27 + 171 + 230 + 232 & 676 &:= 2^4 + 2^8 + 19^2 + 20^1 + 23^1 = 24 + 28 + 192 + 201 + 231 \\
 676 &:= 1^8 + 2^5 + 17^1 + 21^0 + 25^2 = 18 + 25 + 171 + 210 + 252 & 676 &:= 2^4 + 2^8 + 19^2 + 21^1 + 22^1 = 24 + 28 + 192 + 211 + 221 \\
 676 &:= 1^9 + 13^2 + 14^2 + 17^2 + 21^1 = 19 + 132 + 142 + 172 + 211 & 676 &:= 2^4 + 2^9 + 11^2 + 25^0 + 26^1 = 24 + 29 + 112 + 250 + 261 \\
 676 &:= 1^9 + 2^3 + 15^2 + 21^2 + 27^0 = 19 + 23 + 152 + 212 + 270 & 676 &:= 2^5 + 2^8 + 17^0 + 19^2 + 26^1 = 25 + 28 + 170 + 192 + 261 \\
 676 &:= 1^9 + 3^4 + 17^1 + 21^0 + 24^2 = 19 + 34 + 171 + 210 + 242 & 676 &:= 3^0 + 12^2 + 13^2 + 19^2 + 20^0 = 30 + 122 + 132 + 192 + 200 \\
 676 &:= 1^9 + 4^3 + 13^2 + 21^2 + 27^0 = 19 + 43 + 132 + 212 + 270 & 676 &:= 3^0 + 3^3 + 14^0 + 22^1 + 25^2 = 30 + 33 + 140 + 221 + 252 \\
 676 &:= 1^9 + 4^4 + 18^1 + 20^2 + 23^0 = 19 + 44 + 181 + 202 + 230 & 676 &:= 3^0 + 5^3 + 16^0 + 20^1 + 23^2 = 30 + 53 + 160 + 201 + 232 \\
 676 &:= 1^9 + 5^2 + 15^2 + 20^2 + 25^1 = 19 + 52 + 152 + 202 + 251 & 676 &:= 3^0 + 5^4 + 10^0 + 22^1 + 27^1 = 30 + 54 + 100 + 221 + 271 \\
 676 &:= 1^9 + 5^3 + 15^2 + 18^2 + 27^0 = 19 + 53 + 152 + 182 + 270 & 676 &:= 3^0 + 5^4 + 10^0 + 23^1 + 26^1 = 30 + 54 + 100 + 231 + 261 \\
 676 &:= 10^0 + 10^1 + 12^1 + 13^2 + 22^2 = 100 + 101 + 121 + 132 + 222 & 676 &:= 3^0 + 5^4 + 10^0 + 24^1 + 25^1 = 30 + 54 + 100 + 241 + 251 \\
 676 &:= 10^0 + 11^1 + 11^1 + 13^2 + 22^2 = 100 + 111 + 111 + 132 + 222 & 676 &:= 3^0 + 6^3 + 17^1 + 20^0 + 21^2 = 30 + 63 + 171 + 200 + 212 \\
 676 &:= 10^0 + 12^2 + 13^0 + 13^2 + 19^2 = 100 + 122 + 130 + 132 + 192 & 676 &:= 3^0 + 7^2 + 15^2 + 20^2 + 22^0 = 30 + 72 + 152 + 202 + 220 \\
 676 &:= 11^0 + 12^0 + 12^2 + 13^2 + 19^2 = 110 + 120 + 122 + 132 + 192 & 676 &:= 3^0 + 7^2 + 7^2 + 24^2 + 26^0 = 30 + 72 + 72 + 242 + 260 \\
 676 &:= 2^0 + 12^2 + 13^2 + 19^2 + 21^0 = 20 + 122 + 132 + 192 + 210 & 676 &:= 3^0 + 8^2 + 13^2 + 21^2 + 22^0 = 30 + 82 + 132 + 212 + 220 \\
 676 &:= 2^0 + 3^3 + 15^0 + 22^1 + 25^2 = 20 + 33 + 150 + 221 + 252 & 676 &:= 3^0 + 8^2 + 9^2 + 23^2 + 24^0 = 30 + 82 + 92 + 232 + 240 \\
 676 &:= 2^0 + 5^3 + 17^0 + 20^1 + 23^2 = 20 + 53 + 170 + 201 + 232 & 676 &:= 3^0 + 8^3 + 12^2 + 18^1 + 26^0 = 30 + 83 + 122 + 181 + 260 \\
 676 &:= 2^0 + 5^4 + 11^0 + 22^1 + 27^1 = 20 + 54 + 110 + 221 + 271 & 676 &:= 3^1 + 10^0 + 13^2 + 19^1 + 22^2 = 31 + 100 + 132 + 191 + 222
 \end{aligned}$$

$$\begin{aligned} 676 &:= 3^1 + 12^0 + 16^1 + 16^2 + 20^2 = 31 + 120 + 161 + 162 + 202 & 676 &:= 4^0 + 7^2 + 15^2 + 20^2 + 21^0 = 40 + 72 + 152 + 202 + 210 \\ 676 &:= 3^1 + 4^0 + 18^2 + 18^2 + 24^1 = 31 + 40 + 182 + 182 + 241 & 676 &:= 4^0 + 7^2 + 7^2 + 24^2 + 25^0 = 40 + 72 + 72 + 242 + 250 \\ 676 &:= 3^1 + 5^2 + 12^0 + 22^1 + 25^2 = 31 + 52 + 120 + 221 + 252 & 676 &:= 4^0 + 8^1 + 18^2 + 18^2 + 19^1 = 40 + 81 + 182 + 182 + 191 \\ 676 &:= 3^1 + 6^0 + 17^2 + 19^2 + 22^1 = 31 + 60 + 172 + 192 + 221 & 676 &:= 4^0 + 8^2 + 13^2 + 21^0 + 21^2 = 40 + 82 + 132 + 210 + 212 \\ 676 &:= 3^1 + 6^1 + 15^2 + 21^2 + 22^0 = 31 + 61 + 152 + 212 + 220 & 676 &:= 4^0 + 8^2 + 9^2 + 23^0 + 23^2 = 40 + 82 + 92 + 230 + 232 \\ 676 &:= 3^1 + 6^2 + 11^1 + 22^0 + 25^2 = 31 + 62 + 111 + 220 + 252 & 676 &:= 4^0 + 8^3 + 12^2 + 18^1 + 25^0 = 40 + 83 + 122 + 181 + 250 \\ 676 &:= 3^1 + 8^0 + 11^2 + 22^1 + 23^2 = 31 + 80 + 112 + 221 + 232 & 676 &:= 4^0 + 9^1 + 18^1 + 18^2 + 18^2 = 40 + 91 + 181 + 182 + 182 \\ 676 &:= 3^1 + 9^2 + 15^1 + 16^0 + 24^2 = 31 + 92 + 151 + 160 + 242 & 676 &:= 4^1 + 10^0 + 13^2 + 18^1 + 22^2 = 41 + 100 + 132 + 181 + 222 \\ 676 &:= 3^3 + 4^0 + 13^0 + 22^1 + 25^2 = 33 + 40 + 130 + 221 + 252 & 676 &:= 4^1 + 12^0 + 15^1 + 16^2 + 20^2 = 41 + 120 + 151 + 162 + 202 \\ 676 &:= 3^3 + 5^0 + 12^0 + 22^1 + 25^2 = 33 + 50 + 120 + 221 + 252 & 676 &:= 4^1 + 5^1 + 15^2 + 21^2 + 22^0 = 41 + 51 + 152 + 212 + 220 \\ 676 &:= 3^3 + 6^0 + 11^0 + 22^1 + 25^2 = 33 + 60 + 110 + 221 + 252 & 676 &:= 4^1 + 5^2 + 12^0 + 21^1 + 25^2 = 41 + 52 + 120 + 211 + 252 \\ 676 &:= 3^3 + 7^0 + 10^0 + 22^1 + 25^2 = 33 + 70 + 100 + 221 + 252 & 676 &:= 4^1 + 6^0 + 17^2 + 19^2 + 21^1 = 41 + 60 + 172 + 192 + 211 \\ 676 &:= 3^3 + 8^0 + 9^0 + 22^1 + 25^2 = 33 + 80 + 90 + 221 + 252 & 676 &:= 4^1 + 6^2 + 10^1 + 22^0 + 25^2 = 41 + 62 + 101 + 220 + 252 \\ 676 &:= 4^0 + 10^1 + 17^1 + 18^2 + 18^2 = 40 + 101 + 171 + 182 + 182 & 676 &:= 4^1 + 8^0 + 11^2 + 21^1 + 23^2 = 41 + 80 + 112 + 211 + 232 \\ 676 &:= 4^0 + 11^1 + 16^1 + 18^2 + 18^2 = 40 + 111 + 161 + 182 + 182 & 676 &:= 4^1 + 9^2 + 14^1 + 16^0 + 24^2 = 41 + 92 + 141 + 160 + 242 \\ 676 &:= 4^0 + 12^1 + 15^1 + 18^2 + 18^2 = 40 + 121 + 151 + 182 + 182 & 676 &:= 5^0 + 12^2 + 13^2 + 18^0 + 19^2 = 50 + 122 + 132 + 180 + 192 \\ 676 &:= 4^0 + 12^2 + 13^2 + 19^0 + 19^2 = 40 + 122 + 132 + 190 + 192 & 676 &:= 5^0 + 5^3 + 14^0 + 20^1 + 23^2 = 50 + 53 + 140 + 201 + 232 \\ 676 &:= 4^0 + 13^1 + 14^1 + 18^2 + 18^2 = 40 + 131 + 141 + 182 + 182 & 676 &:= 5^0 + 5^4 + 8^0 + 22^1 + 27^1 = 50 + 54 + 80 + 221 + 271 \\ 676 &:= 4^0 + 4^1 + 18^2 + 18^2 + 23^1 = 40 + 41 + 182 + 182 + 231 & 676 &:= 5^0 + 5^4 + 8^0 + 23^1 + 26^1 = 50 + 54 + 80 + 231 + 261 \\ 676 &:= 4^0 + 4^2 + 10^1 + 24^1 + 25^2 = 40 + 42 + 101 + 241 + 252 & 676 &:= 5^0 + 5^4 + 8^0 + 24^1 + 25^1 = 50 + 54 + 80 + 241 + 251 \\ 676 &:= 4^0 + 4^2 + 11^1 + 23^1 + 25^2 = 40 + 42 + 111 + 231 + 252 & 676 &:= 5^0 + 6^3 + 17^1 + 18^0 + 21^2 = 50 + 63 + 171 + 180 + 212 \\ 676 &:= 4^0 + 4^2 + 12^1 + 22^1 + 25^2 = 40 + 42 + 121 + 221 + 252 & 676 &:= 5^0 + 7^2 + 15^2 + 20^0 + 20^2 = 50 + 72 + 152 + 200 + 202 \\ 676 &:= 4^0 + 4^2 + 13^1 + 21^1 + 25^2 = 40 + 42 + 131 + 211 + 252 & 676 &:= 5^0 + 7^2 + 7^2 + 24^0 + 24^2 = 50 + 72 + 72 + 240 + 242 \\ 676 &:= 4^0 + 4^2 + 14^1 + 20^1 + 25^2 = 40 + 42 + 141 + 201 + 252 & 676 &:= 5^0 + 8^2 + 13^2 + 20^0 + 21^2 = 50 + 82 + 132 + 200 + 212 \\ 676 &:= 4^0 + 4^2 + 15^1 + 19^1 + 25^2 = 40 + 42 + 151 + 191 + 252 & 676 &:= 5^0 + 8^2 + 9^2 + 22^0 + 23^2 = 50 + 82 + 92 + 220 + 232 \\ 676 &:= 4^0 + 4^2 + 16^1 + 18^1 + 25^2 = 40 + 42 + 161 + 181 + 252 & 676 &:= 5^0 + 8^3 + 12^2 + 18^1 + 24^0 = 50 + 83 + 122 + 181 + 240 \\ 676 &:= 4^0 + 4^2 + 17^1 + 17^1 + 25^2 = 40 + 42 + 171 + 171 + 252 & 676 &:= 5^1 + 10^0 + 13^2 + 17^1 + 22^2 = 51 + 100 + 132 + 171 + 222 \\ 676 &:= 4^0 + 4^2 + 7^1 + 25^2 + 27^1 = 40 + 42 + 71 + 252 + 271 & 676 &:= 5^1 + 12^0 + 14^1 + 16^2 + 20^2 = 51 + 120 + 141 + 162 + 202 \\ 676 &:= 4^0 + 4^2 + 8^1 + 25^2 + 26^1 = 40 + 42 + 81 + 252 + 261 & 676 &:= 5^1 + 5^2 + 12^0 + 20^1 + 25^2 = 51 + 52 + 120 + 201 + 252 \\ 676 &:= 4^0 + 4^2 + 9^1 + 25^1 + 25^2 = 40 + 42 + 91 + 251 + 252 & 676 &:= 5^1 + 6^0 + 17^2 + 19^2 + 20^1 = 51 + 60 + 172 + 192 + 201 \\ 676 &:= 4^0 + 5^1 + 18^2 + 18^2 + 22^1 = 40 + 51 + 182 + 182 + 221 & 676 &:= 5^1 + 6^2 + 9^1 + 22^0 + 25^2 = 51 + 62 + 91 + 220 + 252 \\ 676 &:= 4^0 + 5^3 + 15^0 + 20^1 + 23^2 = 40 + 53 + 150 + 201 + 232 & 676 &:= 5^1 + 8^0 + 11^2 + 20^1 + 23^2 = 51 + 80 + 112 + 201 + 232 \\ 676 &:= 4^0 + 5^4 + 9^0 + 22^1 + 27^1 = 40 + 54 + 90 + 221 + 271 & 676 &:= 5^1 + 9^2 + 13^1 + 16^0 + 24^2 = 51 + 92 + 131 + 160 + 242 \\ 676 &:= 4^0 + 5^4 + 9^0 + 23^1 + 26^1 = 40 + 54 + 90 + 231 + 261 & 676 &:= 5^2 + 10^1 + 12^0 + 15^1 + 25^2 = 52 + 101 + 120 + 151 + 252 \\ 676 &:= 4^0 + 5^4 + 9^0 + 24^1 + 25^1 = 40 + 54 + 90 + 241 + 251 & 676 &:= 5^2 + 11^1 + 12^0 + 14^1 + 25^2 = 52 + 111 + 120 + 141 + 252 \\ 676 &:= 4^0 + 6^1 + 18^2 + 18^2 + 21^1 = 40 + 61 + 182 + 182 + 211 & 676 &:= 5^2 + 12^0 + 12^1 + 13^1 + 25^2 = 52 + 120 + 121 + 131 + 252 \\ 676 &:= 4^0 + 6^3 + 17^1 + 19^0 + 21^2 = 40 + 63 + 171 + 190 + 212 & 676 &:= 5^2 + 6^1 + 12^0 + 19^1 + 25^2 = 52 + 61 + 120 + 191 + 252 \\ 676 &:= 4^0 + 7^1 + 18^2 + 18^2 + 20^1 = 40 + 71 + 182 + 182 + 201 & 676 &:= 5^2 + 7^1 + 12^0 + 18^1 + 25^2 = 52 + 71 + 120 + 181 + 252 \end{aligned}$$

$$\begin{aligned} 676 &:= 5^2 + 8^1 + 12^0 + 17^1 + 25^2 = 52 + 81 + 120 + 171 + 252 & 676 &:= 7^0 + 8^2 + 9^2 + 20^0 + 23^2 = 70 + 82 + 92 + 200 + 232 \\ 676 &:= 5^2 + 9^1 + 12^0 + 16^1 + 25^2 = 52 + 91 + 120 + 161 + 252 & 676 &:= 7^0 + 8^3 + 12^2 + 18^1 + 22^0 = 70 + 83 + 122 + 181 + 220 \\ 676 &:= 5^3 + 6^0 + 13^0 + 20^1 + 23^2 = 53 + 60 + 130 + 201 + 232 & 676 &:= 7^1 + 10^0 + 13^2 + 15^1 + 22^2 = 71 + 100 + 132 + 151 + 222 \\ 676 &:= 5^3 + 7^0 + 12^0 + 20^1 + 23^2 = 53 + 70 + 120 + 201 + 232 & 676 &:= 7^1 + 12^0 + 12^1 + 16^2 + 20^2 = 71 + 120 + 121 + 162 + 202 \\ 676 &:= 5^3 + 8^0 + 11^0 + 20^1 + 23^2 = 53 + 80 + 110 + 201 + 232 & 676 &:= 7^1 + 7^3 + 10^0 + 18^2 + 25^0 = 71 + 73 + 100 + 182 + 250 \\ 676 &:= 5^3 + 9^0 + 10^0 + 20^1 + 23^2 = 53 + 90 + 100 + 201 + 232 & 676 &:= 7^1 + 7^3 + 11^0 + 18^2 + 24^0 = 71 + 73 + 110 + 182 + 240 \\ 676 &:= 5^4 + 6^0 + 7^0 + 22^1 + 27^1 = 54 + 60 + 70 + 221 + 271 & 676 &:= 7^1 + 7^3 + 12^0 + 18^2 + 23^0 = 71 + 73 + 120 + 182 + 230 \\ 676 &:= 5^4 + 6^0 + 7^0 + 23^1 + 26^1 = 54 + 60 + 70 + 231 + 261 & 676 &:= 7^1 + 7^3 + 13^0 + 18^2 + 22^0 = 71 + 73 + 130 + 182 + 220 \\ 676 &:= 5^4 + 6^0 + 7^0 + 24^1 + 25^1 = 54 + 60 + 70 + 241 + 251 & 676 &:= 7^1 + 7^3 + 14^0 + 18^2 + 21^0 = 71 + 73 + 140 + 182 + 210 \\ 676 &:= 6^0 + 10^1 + 15^1 + 17^2 + 19^2 = 60 + 101 + 151 + 172 + 192 & 676 &:= 7^1 + 7^3 + 15^0 + 18^2 + 20^0 = 71 + 73 + 150 + 182 + 200 \\ 676 &:= 6^0 + 11^1 + 14^1 + 17^2 + 19^2 = 60 + 111 + 141 + 172 + 192 & 676 &:= 7^1 + 7^3 + 16^0 + 18^2 + 19^0 = 71 + 73 + 160 + 182 + 190 \\ 676 &:= 6^0 + 12^1 + 13^1 + 17^2 + 19^2 = 60 + 121 + 131 + 172 + 192 & 676 &:= 7^1 + 7^3 + 17^0 + 18^0 + 18^2 = 71 + 73 + 170 + 180 + 182 \\ 676 &:= 6^0 + 12^2 + 13^2 + 17^0 + 19^2 = 60 + 122 + 132 + 170 + 192 & 676 &:= 7^1 + 7^3 + 8^0 + 18^2 + 27^0 = 71 + 73 + 80 + 182 + 270 \\ 676 &:= 6^0 + 6^1 + 17^2 + 19^1 + 19^2 = 60 + 61 + 172 + 191 + 192 & 676 &:= 7^1 + 7^3 + 9^0 + 18^2 + 26^0 = 71 + 73 + 90 + 182 + 260 \\ 676 &:= 6^0 + 6^3 + 17^0 + 17^1 + 21^2 = 60 + 63 + 170 + 171 + 212 & 676 &:= 7^1 + 8^0 + 11^2 + 18^1 + 23^2 = 71 + 80 + 112 + 181 + 232 \\ 676 &:= 6^0 + 7^1 + 17^2 + 18^1 + 19^2 = 60 + 71 + 172 + 181 + 192 & 676 &:= 7^1 + 9^2 + 11^1 + 16^0 + 24^2 = 71 + 92 + 111 + 160 + 242 \\ 676 &:= 6^0 + 7^2 + 15^2 + 19^0 + 20^2 = 60 + 72 + 152 + 190 + 202 & 676 &:= 7^2 + 10^0 + 15^0 + 15^2 + 20^2 = 72 + 100 + 150 + 152 + 202 \\ 676 &:= 6^0 + 7^2 + 7^2 + 23^0 + 24^2 = 60 + 72 + 72 + 230 + 242 & 676 &:= 7^2 + 11^0 + 14^0 + 15^2 + 20^2 = 72 + 110 + 140 + 152 + 202 \\ 676 &:= 6^0 + 8^1 + 17^1 + 17^2 + 19^2 = 60 + 81 + 171 + 172 + 192 & 676 &:= 7^2 + 12^0 + 13^0 + 15^2 + 20^2 = 72 + 120 + 130 + 152 + 202 \\ 676 &:= 6^0 + 8^2 + 13^2 + 19^0 + 21^2 = 60 + 82 + 132 + 190 + 212 & 676 &:= 7^2 + 7^2 + 10^0 + 19^0 + 24^2 = 72 + 72 + 100 + 190 + 242 \\ 676 &:= 6^0 + 8^2 + 9^2 + 21^0 + 23^2 = 60 + 82 + 92 + 210 + 232 & 676 &:= 7^2 + 7^2 + 11^0 + 18^0 + 24^2 = 72 + 72 + 110 + 180 + 242 \\ 676 &:= 6^0 + 8^3 + 12^2 + 18^1 + 23^0 = 60 + 83 + 122 + 181 + 230 & 676 &:= 7^2 + 7^2 + 12^0 + 17^0 + 24^2 = 72 + 72 + 120 + 170 + 242 \\ 676 &:= 6^0 + 9^1 + 16^1 + 17^2 + 19^2 = 60 + 91 + 161 + 172 + 192 & 676 &:= 7^2 + 7^2 + 13^0 + 16^0 + 24^2 = 72 + 72 + 130 + 160 + 242 \\ 676 &:= 6^1 + 10^0 + 13^2 + 16^1 + 22^2 = 61 + 100 + 132 + 161 + 222 & 676 &:= 7^2 + 7^2 + 14^0 + 15^0 + 24^2 = 72 + 72 + 140 + 150 + 242 \\ 676 &:= 6^1 + 12^0 + 13^1 + 16^2 + 20^2 = 61 + 120 + 131 + 162 + 202 & 676 &:= 7^2 + 7^2 + 8^0 + 21^0 + 24^2 = 72 + 72 + 80 + 210 + 242 \\ 676 &:= 6^1 + 6^2 + 8^1 + 22^0 + 25^2 = 61 + 62 + 81 + 220 + 252 & 676 &:= 7^2 + 7^2 + 9^0 + 20^0 + 24^2 = 72 + 72 + 90 + 200 + 242 \\ 676 &:= 6^1 + 8^0 + 11^2 + 19^1 + 23^2 = 61 + 80 + 112 + 191 + 232 & 676 &:= 7^2 + 8^0 + 15^2 + 17^0 + 20^2 = 72 + 80 + 152 + 170 + 202 \\ 676 &:= 6^1 + 9^2 + 12^1 + 16^0 + 24^2 = 61 + 92 + 121 + 160 + 242 & 676 &:= 7^2 + 9^0 + 15^2 + 16^0 + 20^2 = 72 + 90 + 152 + 160 + 202 \\ 676 &:= 6^2 + 7^1 + 7^1 + 22^0 + 25^2 = 62 + 71 + 71 + 220 + 252 & 676 &:= 8^0 + 10^1 + 11^2 + 15^1 + 23^2 = 80 + 101 + 112 + 151 + 232 \\ 676 &:= 6^3 + 10^0 + 13^0 + 17^1 + 21^2 = 63 + 100 + 130 + 171 + 212 & 676 &:= 8^0 + 11^1 + 11^2 + 14^1 + 23^2 = 80 + 111 + 112 + 141 + 232 \\ 676 &:= 6^3 + 11^0 + 12^0 + 17^1 + 21^2 = 63 + 110 + 120 + 171 + 212 & 676 &:= 8^0 + 11^2 + 12^1 + 13^1 + 23^2 = 80 + 112 + 121 + 131 + 232 \\ 676 &:= 6^3 + 7^0 + 16^0 + 17^1 + 21^2 = 63 + 70 + 160 + 171 + 212 & 676 &:= 8^0 + 12^2 + 13^2 + 15^0 + 19^2 = 80 + 122 + 132 + 150 + 192 \\ 676 &:= 6^3 + 8^0 + 15^0 + 17^1 + 21^2 = 63 + 80 + 150 + 171 + 212 & 676 &:= 8^0 + 8^1 + 11^2 + 17^1 + 23^2 = 80 + 81 + 112 + 171 + 232 \\ 676 &:= 6^3 + 9^0 + 14^0 + 17^1 + 21^2 = 63 + 90 + 140 + 171 + 212 & 676 &:= 8^0 + 8^2 + 13^2 + 17^0 + 21^2 = 80 + 82 + 132 + 170 + 212 \\ 676 &:= 7^0 + 12^2 + 13^2 + 16^0 + 19^2 = 70 + 122 + 132 + 160 + 192 & 676 &:= 8^0 + 8^2 + 9^2 + 19^0 + 23^2 = 80 + 82 + 92 + 190 + 232 \\ 676 &:= 7^0 + 7^2 + 15^2 + 18^0 + 20^2 = 70 + 72 + 152 + 180 + 202 & 676 &:= 8^0 + 8^3 + 12^2 + 18^1 + 21^0 = 80 + 83 + 122 + 181 + 210 \\ 676 &:= 7^0 + 7^2 + 7^2 + 22^0 + 24^2 = 70 + 72 + 72 + 220 + 242 & 676 &:= 8^0 + 9^1 + 11^2 + 16^1 + 23^2 = 80 + 91 + 112 + 161 + 232 \\ 676 &:= 7^0 + 8^2 + 13^2 + 18^0 + 21^2 = 70 + 82 + 132 + 180 + 212 & 676 &:= 8^1 + 10^0 + 13^2 + 14^1 + 22^2 = 81 + 100 + 132 + 141 + 222 \end{aligned}$$

$$\begin{aligned}
 676 &:= 8^1 + 11^1 + 12^0 + 16^2 + 20^2 = 81 + 111 + 120 + 162 + 202 \\
 676 &:= 8^1 + 9^2 + 10^1 + 16^0 + 24^2 = 81 + 92 + 101 + 160 + 242 \\
 676 &:= 8^2 + 10^0 + 13^2 + 15^0 + 21^2 = 82 + 100 + 132 + 150 + 212 \\
 676 &:= 8^2 + 11^0 + 13^2 + 14^0 + 21^2 = 82 + 110 + 132 + 140 + 212 \\
 676 &:= 8^2 + 12^0 + 13^0 + 13^2 + 21^2 = 82 + 120 + 130 + 132 + 212 \\
 676 &:= 8^2 + 9^0 + 13^2 + 16^0 + 21^2 = 82 + 90 + 132 + 160 + 212 \\
 676 &:= 8^2 + 9^0 + 9^2 + 18^0 + 23^2 = 82 + 90 + 92 + 180 + 232 \\
 676 &:= 8^2 + 9^2 + 10^0 + 17^0 + 23^2 = 82 + 92 + 100 + 170 + 232 \\
 676 &:= 8^2 + 9^2 + 11^0 + 16^0 + 23^2 = 82 + 92 + 110 + 160 + 232 \\
 676 &:= 8^2 + 9^2 + 12^0 + 15^0 + 23^2 = 82 + 92 + 120 + 150 + 232 \\
 676 &:= 8^2 + 9^2 + 13^0 + 14^0 + 23^2 = 82 + 92 + 130 + 140 + 232
 \end{aligned}$$

$$\begin{aligned}
 676 &:= 8^3 + 10^0 + 12^2 + 18^1 + 19^0 = 83 + 100 + 122 + 181 + 190 \\
 676 &:= 8^3 + 11^0 + 12^2 + 18^0 + 18^1 = 83 + 110 + 122 + 180 + 181 \\
 676 &:= 8^3 + 12^0 + 12^2 + 17^0 + 18^1 = 83 + 120 + 122 + 170 + 181 \\
 676 &:= 8^3 + 12^2 + 13^0 + 16^0 + 18^1 = 83 + 122 + 130 + 160 + 181 \\
 676 &:= 8^3 + 12^2 + 14^0 + 15^0 + 18^1 = 83 + 122 + 140 + 150 + 181 \\
 676 &:= 8^3 + 9^0 + 12^2 + 18^1 + 20^0 = 83 + 90 + 122 + 181 + 200 \\
 676 &:= 9^0 + 12^2 + 13^2 + 14^0 + 19^2 = 90 + 122 + 132 + 140 + 192 \\
 676 &:= 9^1 + 10^0 + 13^1 + 13^2 + 22^2 = 91 + 100 + 131 + 132 + 222 \\
 676 &:= 9^1 + 10^1 + 12^0 + 16^2 + 20^2 = 91 + 101 + 120 + 162 + 202 \\
 676 &:= 9^1 + 9^1 + 9^2 + 16^0 + 24^2 = 91 + 91 + 92 + 160 + 242
 \end{aligned}$$

2.2.578 Number 677

$$\begin{aligned}
 677 &:= 1^2 + 5^4 + 11^0 + 50^1 = 12 + 54 + 110 + 501 \\
 677 &:= 13^2 + 14^2 + 17^2 + 23^1 = 132 + 142 + 172 + 231 \\
 677 &:= 2^1 + 5^4 + 7^2 + 53^0 = 21 + 54 + 72 + 530 \\
 677 &:= 2^2 + 5^4 + 13^0 + 47^1 = 22 + 54 + 130 + 471 \\
 677 &:= 2^2 + 8^2 + 24^2 + 33^1 = 22 + 82 + 242 + 331 \\
 677 &:= 2^4 + 5^0 + 25^2 + 35^1 = 24 + 50 + 252 + 351 \\
 677 &:= 2^6 + 2^9 + 10^2 + 52^0 = 26 + 29 + 102 + 520 \\
 677 &:= 2^7 + 2^9 + 26^0 + 36^1 = 27 + 29 + 260 + 361 \\
 677 &:= 3^2 + 5^4 + 17^0 + 42^1 = 32 + 54 + 170 + 421 \\
 677 &:= 3^2 + 7^3 + 18^2 + 39^0 = 32 + 73 + 182 + 390 \\
 677 &:= 3^4 + 19^1 + 21^0 + 24^2 = 34 + 191 + 210 + 242 \\
 677 &:= 4^2 + 5^4 + 23^0 + 35^1 = 42 + 54 + 230 + 351 \\
 677 &:= 4^3 + 6^2 + 24^2 + 33^0 = 43 + 62 + 242 + 330 \\
 677 &:= 4^4 + 20^1 + 20^2 + 23^0 = 44 + 201 + 202 + 230 \\
 677 &:= 5^2 + 15^2 + 20^2 + 27^1 = 52 + 152 + 202 + 271 \\
 677 &:= 5^2 + 5^4 + 26^1 + 31^0 = 52 + 54 + 261 + 310 \\
 677 &:= 5^3 + 8^3 + 15^0 + 39^1 = 53 + 83 + 150 + 391 \\
 677 &:= 5^4 + 6^2 + 15^1 + 41^0 = 54 + 62 + 151 + 410 \\
 677 &:= 8^2 + 8^3 + 10^2 + 41^0 = 82 + 83 + 102 + 410 \\
 677 &:= 1^0 + 13^2 + 14^2 + 17^2 + 22^1 = 10 + 132 + 142 + 172 + 221 \\
 677 &:= 1^0 + 3^3 + 18^2 + 18^2 + 27^0 = 10 + 33 + 182 + 182 + 270 \\
 677 &:= 1^0 + 3^4 + 18^1 + 21^0 + 24^2 = 10 + 34 + 181 + 210 + 242 \\
 677 &:= 1^0 + 4^4 + 19^1 + 20^2 + 23^0 = 10 + 44 + 191 + 202 + 230 \\
 677 &:= 1^0 + 5^2 + 15^2 + 20^2 + 26^1 = 10 + 52 + 152 + 202 + 261
 \end{aligned}$$

$$\begin{aligned}
 677 &:= 1^1 + 15^2 + 15^2 + 15^2 + 21^0 = 11 + 152 + 152 + 152 + 210 \\
 677 &:= 1^1 + 3^2 + 15^2 + 21^2 + 27^0 = 11 + 32 + 152 + 212 + 270 \\
 677 &:= 1^1 + 3^3 + 15^0 + 23^1 + 25^2 = 11 + 33 + 150 + 231 + 252 \\
 677 &:= 1^1 + 5^2 + 11^2 + 23^2 + 27^0 = 11 + 52 + 112 + 232 + 270 \\
 677 &:= 1^1 + 5^2 + 17^2 + 19^2 + 25^0 = 11 + 52 + 172 + 192 + 250 \\
 677 &:= 1^1 + 5^3 + 17^0 + 21^1 + 23^2 = 11 + 53 + 170 + 211 + 232 \\
 677 &:= 1^1 + 5^4 + 11^0 + 23^1 + 27^1 = 11 + 54 + 110 + 231 + 271 \\
 677 &:= 1^1 + 5^4 + 11^0 + 24^1 + 26^1 = 11 + 54 + 110 + 241 + 261 \\
 677 &:= 1^1 + 5^4 + 11^0 + 25^1 + 25^1 = 11 + 54 + 110 + 251 + 251 \\
 677 &:= 1^1 + 5^4 + 7^2 + 27^0 + 27^0 = 11 + 54 + 72 + 270 + 270 \\
 677 &:= 1^1 + 6^3 + 18^1 + 21^0 + 21^2 = 11 + 63 + 181 + 210 + 212 \\
 677 &:= 1^1 + 8^3 + 12^2 + 19^1 + 27^0 = 11 + 83 + 122 + 191 + 270 \\
 677 &:= 1^2 + 11^0 + 16^2 + 19^1 + 20^2 = 12 + 110 + 162 + 191 + 202 \\
 677 &:= 1^2 + 3^0 + 18^2 + 18^2 + 27^1 = 12 + 30 + 182 + 182 + 271 \\
 677 &:= 1^2 + 5^0 + 17^2 + 19^2 + 25^1 = 12 + 50 + 172 + 192 + 251 \\
 677 &:= 1^2 + 5^2 + 11^0 + 25^1 + 25^2 = 12 + 52 + 110 + 251 + 252 \\
 677 &:= 1^2 + 6^2 + 14^1 + 21^0 + 25^2 = 12 + 62 + 141 + 210 + 252 \\
 677 &:= 1^2 + 7^0 + 11^2 + 23^2 + 25^1 = 12 + 70 + 112 + 232 + 251 \\
 677 &:= 1^2 + 9^0 + 13^2 + 22^1 + 22^2 = 12 + 90 + 132 + 221 + 222 \\
 677 &:= 1^2 + 9^1 + 15^2 + 21^0 + 21^2 = 12 + 91 + 152 + 210 + 212 \\
 677 &:= 1^2 + 9^2 + 15^0 + 18^1 + 24^2 = 12 + 92 + 150 + 181 + 242 \\
 677 &:= 1^3 + 7^0 + 7^2 + 25^2 + 27^0 = 13 + 70 + 72 + 252 + 270 \\
 677 &:= 1^3 + 7^2 + 10^0 + 24^0 + 25^2 = 13 + 72 + 100 + 240 + 252 \\
 677 &:= 1^3 + 7^2 + 11^0 + 23^0 + 25^2 = 13 + 72 + 110 + 230 + 252
 \end{aligned}$$

$$\begin{aligned}
 677 &:= 1^3 + 7^2 + 12^0 + 22^0 + 25^2 = 13 + 72 + 120 + 220 + 252 & 677 &:= 2^2 + 9^2 + 15^1 + 17^0 + 24^2 = 22 + 92 + 151 + 170 + 242 \\
 677 &:= 1^3 + 7^2 + 13^0 + 21^0 + 25^2 = 13 + 72 + 130 + 210 + 252 & 677 &:= 2^7 + 2^7 + 20^1 + 20^2 + 22^0 = 27 + 27 + 201 + 202 + 220 \\
 677 &:= 1^3 + 7^2 + 14^0 + 20^0 + 25^2 = 13 + 72 + 140 + 200 + 252 & 677 &:= 3^0 + 12^2 + 16^2 + 16^2 + 20^1 = 30 + 122 + 162 + 162 + 201 \\
 677 &:= 1^3 + 7^2 + 15^0 + 19^0 + 25^2 = 13 + 72 + 150 + 190 + 252 & 677 &:= 3^0 + 3^3 + 18^2 + 18^2 + 25^0 = 30 + 33 + 182 + 182 + 250 \\
 677 &:= 1^3 + 7^2 + 16^0 + 18^0 + 25^2 = 13 + 72 + 160 + 180 + 252 & 677 &:= 3^0 + 3^4 + 18^1 + 19^0 + 24^2 = 30 + 34 + 181 + 190 + 242 \\
 677 &:= 1^3 + 7^2 + 17^0 + 17^0 + 25^2 = 13 + 72 + 170 + 170 + 252 & 677 &:= 3^0 + 4^3 + 10^1 + 24^2 + 26^1 = 30 + 43 + 101 + 242 + 261 \\
 677 &:= 1^3 + 7^2 + 8^0 + 25^2 + 26^0 = 13 + 72 + 80 + 252 + 260 & 677 &:= 3^0 + 4^3 + 11^1 + 24^2 + 25^1 = 30 + 43 + 111 + 242 + 251 \\
 677 &:= 1^3 + 7^2 + 9^0 + 25^0 + 25^2 = 13 + 72 + 90 + 250 + 252 & 677 &:= 3^0 + 4^3 + 12^1 + 24^1 + 24^2 = 30 + 43 + 121 + 241 + 242 \\
 677 &:= 1^6 + 2^8 + 19^1 + 20^2 + 24^0 = 16 + 28 + 191 + 202 + 240 & 677 &:= 3^0 + 4^3 + 13^1 + 23^1 + 24^2 = 30 + 43 + 131 + 231 + 242 \\
 677 &:= 1^7 + 2^7 + 18^1 + 22^0 + 23^2 = 17 + 27 + 181 + 220 + 232 & 677 &:= 3^0 + 4^3 + 14^1 + 22^1 + 24^2 = 30 + 43 + 141 + 221 + 242 \\
 677 &:= 1^9 + 2^5 + 18^1 + 20^0 + 25^2 = 19 + 25 + 181 + 200 + 252 & 677 &:= 3^0 + 4^3 + 15^1 + 21^1 + 24^2 = 30 + 43 + 151 + 211 + 242 \\
 677 &:= 10^1 + 11^2 + 13^0 + 16^2 + 17^2 = 101 + 112 + 130 + 162 + 172 & 677 &:= 3^0 + 4^3 + 16^1 + 20^1 + 24^2 = 30 + 43 + 161 + 201 + 242 \\
 677 &:= 10^2 + 11^0 + 11^2 + 14^1 + 21^2 = 102 + 110 + 112 + 141 + 212 & 677 &:= 3^0 + 4^3 + 17^1 + 19^1 + 24^2 = 30 + 43 + 171 + 191 + 242 \\
 677 &:= 11^0 + 12^1 + 12^2 + 14^2 + 18^2 = 110 + 121 + 122 + 142 + 182 & 677 &:= 3^0 + 4^3 + 18^1 + 18^1 + 24^2 = 30 + 43 + 181 + 181 + 242 \\
 677 &:= 11^1 + 11^2 + 12^2 + 13^0 + 20^2 = 111 + 112 + 122 + 130 + 202 & 677 &:= 3^0 + 4^3 + 9^1 + 24^2 + 27^1 = 30 + 43 + 91 + 242 + 271 \\
 677 &:= 2^0 + 3^3 + 18^2 + 18^2 + 26^0 = 20 + 33 + 182 + 182 + 260 & 677 &:= 3^0 + 4^4 + 19^1 + 20^2 + 21^0 = 30 + 44 + 191 + 202 + 210 \\
 677 &:= 2^0 + 3^4 + 18^1 + 20^0 + 24^2 = 20 + 34 + 181 + 200 + 242 & 677 &:= 3^0 + 6^2 + 16^2 + 19^2 + 23^1 = 30 + 62 + 162 + 192 + 231 \\
 677 &:= 2^0 + 4^4 + 19^1 + 20^2 + 22^0 = 20 + 44 + 191 + 202 + 220 & 677 &:= 3^1 + 3^3 + 15^0 + 21^1 + 25^2 = 31 + 33 + 150 + 211 + 252 \\
 677 &:= 2^1 + 12^2 + 13^2 + 19^2 + 21^0 = 21 + 122 + 132 + 192 + 210 & 677 &:= 3^1 + 4^2 + 9^2 + 24^2 + 27^0 = 31 + 42 + 92 + 242 + 270 \\
 677 &:= 2^1 + 3^3 + 15^0 + 22^1 + 25^2 = 21 + 33 + 150 + 221 + 252 & 677 &:= 3^1 + 5^2 + 18^2 + 18^2 + 23^0 = 31 + 52 + 182 + 182 + 230 \\
 677 &:= 2^1 + 5^3 + 17^0 + 20^1 + 23^2 = 21 + 53 + 170 + 201 + 232 & 677 &:= 3^1 + 5^3 + 17^0 + 19^1 + 23^2 = 31 + 53 + 170 + 191 + 232 \\
 677 &:= 2^1 + 5^4 + 11^0 + 22^1 + 27^1 = 21 + 54 + 110 + 221 + 271 & 677 &:= 3^1 + 5^4 + 11^0 + 21^1 + 27^1 = 31 + 54 + 110 + 211 + 271 \\
 677 &:= 2^1 + 5^4 + 11^0 + 23^1 + 26^1 = 21 + 54 + 110 + 231 + 261 & 677 &:= 3^1 + 5^4 + 11^0 + 22^1 + 26^1 = 31 + 54 + 110 + 221 + 261 \\
 677 &:= 2^1 + 5^4 + 11^0 + 24^1 + 25^1 = 21 + 54 + 110 + 241 + 251 & 677 &:= 3^1 + 5^4 + 11^0 + 23^1 + 25^1 = 31 + 54 + 110 + 231 + 251 \\
 677 &:= 2^1 + 6^3 + 17^1 + 21^0 + 21^2 = 21 + 63 + 171 + 210 + 212 & 677 &:= 3^1 + 5^4 + 11^0 + 24^1 + 24^1 = 31 + 54 + 110 + 241 + 241 \\
 677 &:= 2^1 + 7^2 + 15^2 + 20^2 + 23^0 = 21 + 72 + 152 + 202 + 230 & 677 &:= 3^1 + 6^2 + 14^2 + 21^2 + 23^0 = 31 + 62 + 142 + 212 + 230 \\
 677 &:= 2^1 + 7^2 + 7^2 + 24^2 + 27^0 = 21 + 72 + 72 + 242 + 270 & 677 &:= 3^1 + 6^3 + 16^1 + 21^0 + 21^2 = 31 + 63 + 161 + 210 + 212 \\
 677 &:= 2^1 + 8^2 + 13^2 + 21^2 + 23^0 = 21 + 82 + 132 + 212 + 230 & 677 &:= 3^1 + 8^3 + 12^2 + 17^1 + 27^0 = 31 + 83 + 122 + 171 + 270 \\
 677 &:= 2^1 + 8^2 + 9^2 + 23^2 + 25^0 = 21 + 82 + 92 + 232 + 250 & 677 &:= 3^2 + 11^0 + 17^1 + 17^2 + 19^2 = 32 + 110 + 171 + 172 + 192 \\
 677 &:= 2^1 + 8^3 + 12^2 + 18^1 + 27^0 = 21 + 83 + 122 + 181 + 270 & 677 &:= 3^2 + 11^1 + 16^2 + 17^0 + 20^2 = 32 + 111 + 162 + 170 + 202 \\
 677 &:= 2^2 + 11^0 + 13^2 + 19^1 + 22^2 = 22 + 110 + 132 + 191 + 222 & 677 &:= 3^2 + 11^2 + 13^0 + 17^1 + 23^2 = 32 + 112 + 130 + 171 + 232 \\
 677 &:= 2^2 + 13^0 + 16^1 + 16^2 + 20^2 = 22 + 130 + 161 + 162 + 202 & 677 &:= 3^2 + 13^2 + 14^1 + 15^0 + 22^2 = 32 + 132 + 141 + 150 + 222 \\
 677 &:= 2^2 + 5^0 + 18^2 + 18^2 + 24^1 = 22 + 50 + 182 + 182 + 241 & 677 &:= 3^2 + 4^2 + 9^0 + 25^2 + 26^1 = 32 + 42 + 90 + 252 + 261 \\
 677 &:= 2^2 + 5^2 + 13^0 + 22^1 + 25^2 = 22 + 52 + 130 + 221 + 252 & 677 &:= 3^2 + 5^0 + 8^2 + 24^2 + 27^1 = 32 + 50 + 82 + 242 + 271 \\
 677 &:= 2^2 + 6^1 + 15^2 + 21^2 + 23^0 = 22 + 61 + 152 + 212 + 230 & 677 &:= 3^2 + 5^2 + 17^0 + 17^1 + 25^2 = 32 + 52 + 170 + 171 + 252 \\
 677 &:= 2^2 + 6^2 + 11^1 + 23^0 + 25^2 = 22 + 62 + 111 + 230 + 252 & 677 &:= 3^2 + 6^1 + 6^2 + 25^2 + 27^0 = 32 + 61 + 62 + 252 + 270 \\
 677 &:= 2^2 + 7^0 + 17^2 + 19^2 + 22^1 = 22 + 70 + 172 + 192 + 221 & 677 &:= 3^2 + 9^0 + 18^2 + 18^2 + 19^1 = 32 + 90 + 182 + 182 + 191 \\
 677 &:= 2^2 + 9^0 + 11^2 + 22^1 + 23^2 = 22 + 90 + 112 + 221 + 232 & 677 &:= 3^2 + 9^2 + 10^1 + 21^0 + 24^2 = 32 + 92 + 101 + 210 + 242
 \end{aligned}$$

$$\begin{aligned} 677 &:= 3^3 + 10^0 + 18^0 + 18^2 + 18^2 = 33 + 100 + 180 + 182 + 182 & 677 &:= 4^2 + 10^1 + 17^0 + 17^2 + 19^2 = 42 + 101 + 170 + 172 + 192 \\ 677 &:= 3^3 + 10^1 + 14^1 + 15^0 + 25^2 = 33 + 101 + 141 + 150 + 252 & 677 &:= 4^2 + 12^1 + 15^0 + 18^2 + 18^2 = 42 + 121 + 150 + 182 + 182 \\ 677 &:= 3^3 + 11^0 + 17^0 + 18^2 + 18^2 = 33 + 110 + 170 + 182 + 182 & 677 &:= 4^2 + 4^2 + 15^0 + 19^1 + 25^2 = 42 + 42 + 150 + 191 + 252 \\ 677 &:= 3^3 + 11^1 + 13^1 + 15^0 + 25^2 = 33 + 111 + 131 + 150 + 252 & 677 &:= 4^2 + 5^0 + 14^2 + 21^2 + 23^1 = 42 + 50 + 142 + 212 + 231 \\ 677 &:= 3^3 + 12^0 + 16^0 + 18^2 + 18^2 = 33 + 120 + 160 + 182 + 182 & 677 &:= 4^2 + 5^2 + 10^1 + 23^0 + 25^2 = 42 + 52 + 101 + 230 + 252 \\ 677 &:= 3^3 + 12^1 + 12^1 + 15^0 + 25^2 = 33 + 121 + 121 + 150 + 252 & 677 &:= 4^2 + 7^1 + 13^2 + 21^0 + 22^2 = 42 + 71 + 132 + 210 + 222 \\ 677 &:= 3^3 + 13^0 + 15^0 + 18^2 + 18^2 = 33 + 130 + 150 + 182 + 182 & 677 &:= 4^2 + 8^2 + 11^0 + 20^1 + 24^2 = 42 + 82 + 110 + 201 + 242 \\ 677 &:= 3^3 + 14^0 + 14^0 + 18^2 + 18^2 = 33 + 140 + 140 + 182 + 182 & 677 &:= 4^4 + 10^0 + 14^0 + 19^1 + 20^2 = 44 + 100 + 140 + 191 + 202 \\ 677 &:= 3^3 + 4^0 + 18^2 + 18^2 + 24^0 = 33 + 40 + 182 + 182 + 240 & 677 &:= 4^4 + 11^0 + 13^0 + 19^1 + 20^2 = 44 + 110 + 130 + 191 + 202 \\ 677 &:= 3^3 + 4^1 + 15^0 + 20^1 + 25^2 = 33 + 41 + 150 + 201 + 252 & 677 &:= 4^4 + 12^0 + 12^0 + 19^1 + 20^2 = 44 + 120 + 120 + 191 + 202 \\ 677 &:= 3^3 + 5^0 + 18^2 + 18^2 + 23^0 = 33 + 50 + 182 + 182 + 230 & 677 &:= 4^4 + 5^0 + 19^0 + 19^1 + 20^2 = 44 + 50 + 190 + 191 + 202 \\ 677 &:= 3^3 + 5^1 + 15^0 + 19^1 + 25^2 = 33 + 51 + 150 + 191 + 252 & 677 &:= 4^4 + 6^0 + 18^0 + 19^1 + 20^2 = 44 + 60 + 180 + 191 + 202 \\ 677 &:= 3^3 + 6^0 + 18^2 + 18^2 + 22^0 = 33 + 60 + 182 + 182 + 220 & 677 &:= 4^4 + 7^0 + 17^0 + 19^1 + 20^2 = 44 + 70 + 170 + 191 + 202 \\ 677 &:= 3^3 + 6^1 + 15^0 + 18^1 + 25^2 = 33 + 61 + 150 + 181 + 252 & 677 &:= 4^4 + 8^0 + 16^0 + 19^1 + 20^2 = 44 + 80 + 160 + 191 + 202 \\ 677 &:= 3^3 + 7^0 + 18^2 + 18^2 + 21^0 = 33 + 70 + 182 + 182 + 210 & 677 &:= 4^4 + 9^0 + 15^0 + 19^1 + 20^2 = 44 + 90 + 150 + 191 + 202 \\ 677 &:= 3^3 + 7^1 + 15^0 + 17^1 + 25^2 = 33 + 71 + 150 + 171 + 252 & 677 &:= 5^0 + 10^2 + 14^2 + 19^1 + 19^2 = 50 + 102 + 142 + 191 + 192 \\ 677 &:= 3^3 + 8^0 + 18^2 + 18^2 + 20^0 = 33 + 80 + 182 + 182 + 200 & 677 &:= 5^0 + 12^2 + 15^2 + 17^2 + 18^1 = 50 + 122 + 152 + 172 + 181 \\ 677 &:= 3^3 + 8^1 + 15^0 + 16^1 + 25^2 = 33 + 81 + 150 + 161 + 252 & 677 &:= 5^0 + 5^2 + 12^2 + 22^2 + 23^1 = 50 + 52 + 122 + 222 + 231 \\ 677 &:= 3^3 + 9^0 + 18^2 + 18^2 + 19^0 = 33 + 90 + 182 + 182 + 190 & 677 &:= 5^0 + 5^2 + 5^4 + 25^1 + 27^0 = 50 + 52 + 54 + 251 + 270 \\ 677 &:= 3^3 + 9^1 + 15^0 + 15^1 + 25^2 = 33 + 91 + 150 + 151 + 252 & 677 &:= 5^0 + 5^2 + 7^2 + 24^2 + 26^1 = 50 + 52 + 72 + 242 + 261 \\ 677 &:= 3^4 + 10^0 + 12^0 + 18^1 + 24^2 = 34 + 100 + 120 + 181 + 242 & 677 &:= 5^0 + 7^2 + 11^2 + 22^1 + 22^2 = 50 + 72 + 112 + 221 + 222 \\ 677 &:= 3^4 + 11^0 + 11^0 + 18^1 + 24^2 = 34 + 110 + 110 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 16^1 + 27^1 = 50 + 83 + 112 + 161 + 271 \\ 677 &:= 3^4 + 4^0 + 18^0 + 18^1 + 24^2 = 34 + 40 + 180 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 17^1 + 26^1 = 50 + 83 + 112 + 171 + 261 \\ 677 &:= 3^4 + 5^0 + 17^0 + 18^1 + 24^2 = 34 + 50 + 170 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 18^1 + 25^1 = 50 + 83 + 112 + 181 + 251 \\ 677 &:= 3^4 + 6^0 + 16^0 + 18^1 + 24^2 = 34 + 60 + 160 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 19^1 + 24^1 = 50 + 83 + 112 + 191 + 241 \\ 677 &:= 3^4 + 7^0 + 15^0 + 18^1 + 24^2 = 34 + 70 + 150 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 20^1 + 23^1 = 50 + 83 + 112 + 201 + 231 \\ 677 &:= 3^4 + 8^0 + 14^0 + 18^1 + 24^2 = 34 + 80 + 140 + 181 + 242 & 677 &:= 5^0 + 8^3 + 11^2 + 21^1 + 22^1 = 50 + 83 + 112 + 211 + 221 \\ 677 &:= 3^4 + 9^0 + 13^0 + 18^1 + 24^2 = 34 + 90 + 130 + 181 + 242 & 677 &:= 5^1 + 5^3 + 17^0 + 17^1 + 23^2 = 51 + 53 + 170 + 171 + 232 \\ 677 &:= 4^0 + 4^4 + 19^1 + 20^0 + 20^2 = 40 + 44 + 191 + 200 + 202 & 677 &:= 5^1 + 5^4 + 11^0 + 19^1 + 27^1 = 51 + 54 + 110 + 191 + 271 \\ 677 &:= 4^1 + 4^2 + 16^2 + 20^2 + 23^0 = 41 + 42 + 162 + 202 + 230 & 677 &:= 5^1 + 5^4 + 11^0 + 20^1 + 26^1 = 51 + 54 + 110 + 201 + 261 \\ 677 &:= 4^1 + 5^3 + 17^0 + 18^1 + 23^2 = 41 + 53 + 170 + 181 + 232 & 677 &:= 5^1 + 5^4 + 11^0 + 21^1 + 25^1 = 51 + 54 + 110 + 211 + 251 \\ 677 &:= 4^1 + 5^4 + 11^0 + 20^1 + 27^1 = 41 + 54 + 110 + 201 + 271 & 677 &:= 5^1 + 5^4 + 11^0 + 22^1 + 24^1 = 51 + 54 + 110 + 221 + 241 \\ 677 &:= 4^1 + 5^4 + 11^0 + 21^1 + 26^1 = 41 + 54 + 110 + 211 + 261 & 677 &:= 5^1 + 5^4 + 11^0 + 23^1 + 23^1 = 51 + 54 + 110 + 231 + 231 \\ 677 &:= 4^1 + 5^4 + 11^0 + 22^1 + 25^1 = 41 + 54 + 110 + 221 + 251 & 677 &:= 5^1 + 6^3 + 14^1 + 21^0 + 21^2 = 51 + 63 + 141 + 210 + 212 \\ 677 &:= 4^1 + 5^4 + 11^0 + 23^1 + 24^1 = 41 + 54 + 110 + 231 + 241 & 677 &:= 5^1 + 8^3 + 12^2 + 15^1 + 27^0 = 51 + 83 + 122 + 151 + 270 \\ 677 &:= 4^1 + 6^3 + 15^1 + 21^0 + 21^2 = 41 + 63 + 151 + 210 + 212 & 677 &:= 5^2 + 13^0 + 14^1 + 14^2 + 21^2 = 52 + 130 + 141 + 142 + 212 \\ 677 &:= 4^1 + 8^3 + 12^2 + 16^1 + 27^0 = 41 + 83 + 122 + 161 + 270 & 677 &:= 5^2 + 5^4 + 10^0 + 22^0 + 25^1 = 52 + 54 + 100 + 220 + 251 \\ 677 &:= 4^2 + 10^1 + 11^2 + 19^0 + 23^2 = 42 + 101 + 112 + 190 + 232 & 677 &:= 5^2 + 5^4 + 11^0 + 21^0 + 25^1 = 52 + 54 + 110 + 210 + 251 \end{aligned}$$

$$\begin{aligned} 677 &:= 5^2 + 5^4 + 12^0 + 20^0 + 25^1 = 52 + 54 + 120 + 200 + 251 & 677 &:= 5^4 + 11^0 + 12^1 + 18^1 + 21^1 = 54 + 110 + 121 + 181 + 211 \\ 677 &:= 5^2 + 5^4 + 13^0 + 19^0 + 25^1 = 52 + 54 + 130 + 190 + 251 & 677 &:= 5^4 + 11^0 + 12^1 + 19^1 + 20^1 = 54 + 110 + 121 + 191 + 201 \\ 677 &:= 5^2 + 5^4 + 14^0 + 18^0 + 25^1 = 52 + 54 + 140 + 180 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 13^1 + 25^1 = 54 + 110 + 131 + 131 + 251 \\ 677 &:= 5^2 + 5^4 + 15^0 + 17^0 + 25^1 = 52 + 54 + 150 + 170 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 14^1 + 24^1 = 54 + 110 + 131 + 141 + 241 \\ 677 &:= 5^2 + 5^4 + 16^0 + 16^0 + 25^1 = 52 + 54 + 160 + 160 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 15^1 + 23^1 = 54 + 110 + 131 + 151 + 231 \\ 677 &:= 5^2 + 5^4 + 6^0 + 25^1 + 26^0 = 52 + 54 + 60 + 251 + 260 & 677 &:= 5^4 + 11^0 + 13^1 + 16^1 + 22^1 = 54 + 110 + 131 + 161 + 221 \\ 677 &:= 5^2 + 5^4 + 7^0 + 25^0 + 25^1 = 52 + 54 + 70 + 250 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 17^1 + 21^1 = 54 + 110 + 131 + 171 + 211 \\ 677 &:= 5^2 + 5^4 + 8^0 + 24^0 + 25^1 = 52 + 54 + 80 + 240 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 18^1 + 20^1 = 54 + 110 + 131 + 181 + 201 \\ 677 &:= 5^2 + 5^4 + 9^0 + 23^0 + 25^1 = 52 + 54 + 90 + 230 + 251 & 677 &:= 5^4 + 11^0 + 13^1 + 19^1 + 19^1 = 54 + 110 + 131 + 191 + 191 \\ 677 &:= 5^2 + 7^0 + 10^2 + 22^1 + 23^2 = 52 + 70 + 102 + 221 + 232 & 677 &:= 5^4 + 11^0 + 14^1 + 14^1 + 23^1 = 54 + 110 + 141 + 141 + 231 \\ 677 &:= 5^2 + 8^2 + 11^1 + 19^0 + 24^2 = 52 + 82 + 111 + 190 + 242 & 677 &:= 5^4 + 11^0 + 14^1 + 15^1 + 22^1 = 54 + 110 + 141 + 151 + 221 \\ 677 &:= 5^3 + 10^1 + 12^1 + 17^0 + 23^2 = 53 + 101 + 121 + 170 + 232 & 677 &:= 5^4 + 11^0 + 14^1 + 16^1 + 21^1 = 54 + 110 + 141 + 161 + 211 \\ 677 &:= 5^3 + 11^1 + 11^1 + 17^0 + 23^2 = 53 + 111 + 111 + 170 + 232 & 677 &:= 5^4 + 11^0 + 14^1 + 17^1 + 20^1 = 54 + 110 + 141 + 171 + 201 \\ 677 &:= 5^3 + 6^1 + 16^1 + 17^0 + 23^2 = 53 + 61 + 161 + 170 + 232 & 677 &:= 5^4 + 11^0 + 14^1 + 18^1 + 19^1 = 54 + 110 + 141 + 181 + 191 \\ 677 &:= 5^3 + 7^1 + 15^1 + 17^0 + 23^2 = 53 + 71 + 151 + 170 + 232 & 677 &:= 5^4 + 11^0 + 15^1 + 15^1 + 21^1 = 54 + 110 + 151 + 151 + 211 \\ 677 &:= 5^3 + 8^1 + 14^1 + 17^0 + 23^2 = 53 + 81 + 141 + 170 + 232 & 677 &:= 5^4 + 11^0 + 15^1 + 16^1 + 20^1 = 54 + 110 + 151 + 161 + 201 \\ 677 &:= 5^3 + 9^1 + 13^1 + 17^0 + 23^2 = 53 + 91 + 131 + 170 + 232 & 677 &:= 5^4 + 11^0 + 15^1 + 17^1 + 19^1 = 54 + 110 + 151 + 171 + 191 \\ 677 &:= 5^4 + 10^1 + 11^0 + 14^1 + 27^1 = 54 + 101 + 110 + 141 + 271 & 677 &:= 5^4 + 11^0 + 15^1 + 18^1 + 18^1 = 54 + 110 + 151 + 181 + 181 \\ 677 &:= 5^4 + 10^1 + 11^0 + 15^1 + 26^1 = 54 + 101 + 110 + 151 + 261 & 677 &:= 5^4 + 11^0 + 16^1 + 16^1 + 19^1 = 54 + 110 + 161 + 161 + 191 \\ 677 &:= 5^4 + 10^1 + 11^0 + 16^1 + 25^1 = 54 + 101 + 110 + 161 + 251 & 677 &:= 5^4 + 11^0 + 16^1 + 17^1 + 18^1 = 54 + 110 + 161 + 171 + 181 \\ 677 &:= 5^4 + 10^1 + 11^0 + 17^1 + 24^1 = 54 + 101 + 110 + 171 + 241 & 677 &:= 5^4 + 11^0 + 17^1 + 17^1 + 17^1 = 54 + 110 + 171 + 171 + 171 \\ 677 &:= 5^4 + 10^1 + 11^0 + 18^1 + 23^1 = 54 + 101 + 110 + 181 + 231 & 677 &:= 5^4 + 6^1 + 11^0 + 18^1 + 27^1 = 54 + 61 + 110 + 181 + 271 \\ 677 &:= 5^4 + 10^1 + 11^0 + 19^1 + 22^1 = 54 + 101 + 110 + 191 + 221 & 677 &:= 5^4 + 6^1 + 11^0 + 19^1 + 26^1 = 54 + 61 + 110 + 191 + 261 \\ 677 &:= 5^4 + 10^1 + 11^0 + 20^1 + 21^1 = 54 + 101 + 110 + 201 + 211 & 677 &:= 5^4 + 6^1 + 11^0 + 20^1 + 25^1 = 54 + 61 + 110 + 201 + 251 \\ 677 &:= 5^4 + 11^0 + 11^1 + 13^1 + 27^1 = 54 + 110 + 111 + 131 + 271 & 677 &:= 5^4 + 6^1 + 11^0 + 21^1 + 24^1 = 54 + 61 + 110 + 211 + 241 \\ 677 &:= 5^4 + 11^0 + 11^1 + 14^1 + 26^1 = 54 + 110 + 111 + 141 + 261 & 677 &:= 5^4 + 6^1 + 11^0 + 22^1 + 23^1 = 54 + 61 + 110 + 221 + 231 \\ 677 &:= 5^4 + 11^0 + 11^1 + 15^1 + 25^1 = 54 + 110 + 111 + 151 + 251 & 677 &:= 5^4 + 6^2 + 14^1 + 15^0 + 27^0 = 54 + 62 + 141 + 150 + 270 \\ 677 &:= 5^4 + 11^0 + 11^1 + 16^1 + 24^1 = 54 + 110 + 111 + 161 + 241 & 677 &:= 5^4 + 6^2 + 14^1 + 16^0 + 26^0 = 54 + 62 + 141 + 160 + 260 \\ 677 &:= 5^4 + 11^0 + 11^1 + 17^1 + 23^1 = 54 + 110 + 111 + 171 + 231 & 677 &:= 5^4 + 6^2 + 14^1 + 17^0 + 25^0 = 54 + 62 + 141 + 170 + 250 \\ 677 &:= 5^4 + 11^0 + 11^1 + 18^1 + 22^1 = 54 + 110 + 111 + 181 + 221 & 677 &:= 5^4 + 6^2 + 14^1 + 18^0 + 24^0 = 54 + 62 + 141 + 180 + 240 \\ 677 &:= 5^4 + 11^0 + 11^1 + 19^1 + 21^1 = 54 + 110 + 111 + 191 + 211 & 677 &:= 5^4 + 6^2 + 14^1 + 19^0 + 23^0 = 54 + 62 + 141 + 190 + 230 \\ 677 &:= 5^4 + 11^0 + 11^1 + 20^1 + 20^1 = 54 + 110 + 111 + 201 + 201 & 677 &:= 5^4 + 6^2 + 14^1 + 20^0 + 22^0 = 54 + 62 + 141 + 200 + 220 \\ 677 &:= 5^4 + 11^0 + 12^1 + 12^1 + 27^1 = 54 + 110 + 121 + 121 + 271 & 677 &:= 5^4 + 6^2 + 14^1 + 21^0 + 21^0 = 54 + 62 + 141 + 210 + 210 \\ 677 &:= 5^4 + 11^0 + 12^1 + 13^1 + 26^1 = 54 + 110 + 121 + 131 + 261 & 677 &:= 5^4 + 7^1 + 11^0 + 17^1 + 27^1 = 54 + 71 + 110 + 171 + 271 \\ 677 &:= 5^4 + 11^0 + 12^1 + 14^1 + 25^1 = 54 + 110 + 121 + 141 + 251 & 677 &:= 5^4 + 7^1 + 11^0 + 18^1 + 26^1 = 54 + 71 + 110 + 181 + 261 \\ 677 &:= 5^4 + 11^0 + 12^1 + 15^1 + 24^1 = 54 + 110 + 121 + 151 + 241 & 677 &:= 5^4 + 7^1 + 11^0 + 19^1 + 25^1 = 54 + 71 + 110 + 191 + 251 \\ 677 &:= 5^4 + 11^0 + 12^1 + 16^1 + 23^1 = 54 + 110 + 121 + 161 + 231 & 677 &:= 5^4 + 7^1 + 11^0 + 20^1 + 24^1 = 54 + 71 + 110 + 201 + 241 \\ 677 &:= 5^4 + 11^0 + 12^1 + 17^1 + 22^1 = 54 + 110 + 121 + 171 + 221 & 677 &:= 5^4 + 7^1 + 11^0 + 21^1 + 23^1 = 54 + 71 + 110 + 211 + 231 \end{aligned}$$

$677 := 5^4 + 7^1 + 11^0 + 22^1 + 22^1$	$= 54 + 71 + 110 + 221 + 221$	$677 := 6^3 + 8^1 + 11^1 + 21^0 + 21^2$	$= 63 + 81 + 111 + 210 + 212$
$677 := 5^4 + 8^1 + 11^0 + 16^1 + 27^1$	$= 54 + 81 + 110 + 161 + 271$	$677 := 6^3 + 9^1 + 10^1 + 21^0 + 21^2$	$= 63 + 91 + 101 + 210 + 212$
$677 := 5^4 + 8^1 + 11^0 + 17^1 + 26^1$	$= 54 + 81 + 110 + 171 + 261$	$677 := 7^0 + 9^2 + 17^1 + 17^2 + 17^2$	$= 70 + 92 + 171 + 172 + 172$
$677 := 5^4 + 8^1 + 11^0 + 18^1 + 25^1$	$= 54 + 81 + 110 + 181 + 251$	$677 := 7^1 + 10^2 + 13^2 + 17^0 + 20^2$	$= 71 + 102 + 132 + 170 + 202$
$677 := 5^4 + 8^1 + 11^0 + 19^1 + 24^1$	$= 54 + 81 + 110 + 191 + 241$	$677 := 7^1 + 8^2 + 11^2 + 19^0 + 22^2$	$= 71 + 82 + 112 + 190 + 222$
$677 := 5^4 + 8^1 + 11^0 + 20^1 + 23^1$	$= 54 + 81 + 110 + 201 + 231$	$677 := 7^1 + 8^3 + 12^2 + 13^1 + 27^0$	$= 71 + 83 + 122 + 131 + 270$
$677 := 5^4 + 8^1 + 11^0 + 21^1 + 22^1$	$= 54 + 81 + 110 + 211 + 221$	$677 := 7^2 + 10^1 + 15^0 + 16^2 + 19^2$	$= 72 + 101 + 150 + 162 + 192$
$677 := 5^4 + 9^1 + 11^0 + 15^1 + 27^1$	$= 54 + 91 + 110 + 151 + 271$	$677 := 7^2 + 11^0 + 14^1 + 17^2 + 18^2$	$= 72 + 110 + 141 + 172 + 182$
$677 := 5^4 + 9^1 + 11^0 + 16^1 + 26^1$	$= 54 + 91 + 110 + 161 + 261$	$677 := 7^2 + 9^0 + 13^2 + 17^1 + 21^2$	$= 72 + 90 + 132 + 171 + 212$
$677 := 5^4 + 9^1 + 11^0 + 17^1 + 25^1$	$= 54 + 91 + 110 + 171 + 251$	$677 := 7^2 + 9^2 + 11^0 + 17^1 + 23^2$	$= 72 + 92 + 110 + 171 + 232$
$677 := 5^4 + 9^1 + 11^0 + 18^1 + 24^1$	$= 54 + 91 + 110 + 181 + 241$	$677 := 8^1 + 8^3 + 12^1 + 12^2 + 27^0$	$= 81 + 83 + 121 + 122 + 270$
$677 := 5^4 + 9^1 + 11^0 + 19^1 + 23^1$	$= 54 + 91 + 110 + 191 + 231$	$677 := 8^2 + 8^2 + 9^0 + 19^1 + 23^2$	$= 82 + 82 + 90 + 191 + 232$
$677 := 5^4 + 9^1 + 11^0 + 20^1 + 22^1$	$= 54 + 91 + 110 + 201 + 221$	$677 := 8^2 + 9^0 + 14^2 + 16^1 + 20^2$	$= 82 + 90 + 142 + 161 + 202$
$677 := 5^4 + 9^1 + 11^0 + 21^1 + 21^1$	$= 54 + 91 + 110 + 211 + 211$	$677 := 8^3 + 10^1 + 10^1 + 12^2 + 27^0$	$= 83 + 101 + 101 + 122 + 270$
$677 := 6^1 + 11^2 + 15^2 + 17^0 + 18^2$	$= 61 + 112 + 152 + 170 + 182$	$677 := 8^3 + 9^1 + 11^1 + 12^2 + 27^0$	$= 83 + 91 + 111 + 122 + 270$
$677 := 6^1 + 6^3 + 13^1 + 21^0 + 21^2$	$= 61 + 63 + 131 + 210 + 212$	$677 := 9^0 + 13^2 + 13^2 + 14^1 + 18^2$	$= 90 + 132 + 132 + 141 + 182$
$677 := 6^1 + 8^3 + 12^2 + 14^1 + 27^0$	$= 61 + 83 + 122 + 141 + 270$	$677 := 9^0 + 9^2 + 15^1 + 16^2 + 18^2$	$= 90 + 92 + 151 + 162 + 182$
$677 := 6^2 + 10^2 + 11^1 + 17^0 + 23^2$	$= 62 + 102 + 111 + 170 + 232$	$677 := 9^1 + 9^2 + 15^0 + 15^2 + 19^2$	$= 91 + 92 + 150 + 152 + 192$
$677 := 6^2 + 11^0 + 15^1 + 15^2 + 20^2$	$= 62 + 110 + 151 + 152 + 202$	$677 := 9^2 + 10^1 + 12^2 + 15^0 + 21^2$	$= 92 + 101 + 122 + 150 + 212$
$677 := 6^2 + 12^1 + 12^2 + 15^0 + 22^2$	$= 62 + 121 + 122 + 150 + 222$	$677 := 9^2 + 10^2 + 11^1 + 15^0 + 22^2$	$= 92 + 102 + 111 + 150 + 222$
$677 := 6^2 + 7^2 + 15^0 + 15^1 + 24^2$	$= 62 + 72 + 150 + 151 + 242$		
$677 := 6^3 + 7^1 + 12^1 + 21^0 + 21^2$	$= 63 + 71 + 121 + 210 + 212$		

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$678 := 1^6 + 26^2 + 40^0$	$= 16 + 262 + 400$	$678 := 1^2 + 3^3 + 14^0 + 24^1 + 25^2$	$= 12 + 33 + 140 + 241 + 252$
$678 := 1^3 + 5^4 + 10^0 + 51^1$	$= 13 + 54 + 100 + 511$	$678 := 1^2 + 5^3 + 16^0 + 22^1 + 23^2$	$= 12 + 53 + 160 + 221 + 232$
$678 := 1^4 + 10^2 + 24^2 + 32^0$	$= 14 + 102 + 242 + 320$	$678 := 1^2 + 5^4 + 10^0 + 24^1 + 27^1$	$= 12 + 54 + 100 + 241 + 271$
$678 := 2^3 + 5^4 + 16^0 + 44^1$	$= 23 + 54 + 160 + 441$	$678 := 1^2 + 5^4 + 10^0 + 25^1 + 26^1$	$= 12 + 54 + 100 + 251 + 261$
$678 := 2^4 + 6^2 + 25^2 + 34^0$	$= 24 + 62 + 252 + 340$	$678 := 1^2 + 6^3 + 19^1 + 20^0 + 21^2$	$= 12 + 63 + 191 + 200 + 212$
$678 := 2^5 + 20^0 + 20^1 + 25^2$	$= 25 + 200 + 201 + 252$	$678 := 1^2 + 8^3 + 12^2 + 20^1 + 26^0$	$= 12 + 83 + 122 + 201 + 260$
$678 := 3^3 + 5^4 + 25^1 + 34^0$	$= 33 + 54 + 251 + 340$	$678 := 1^3 + 10^0 + 16^2 + 20^1 + 20^2$	$= 13 + 100 + 162 + 201 + 202$
$678 := 3^4 + 14^2 + 20^2 + 30^0$	$= 34 + 142 + 202 + 300$	$678 := 1^3 + 10^1 + 15^2 + 20^0 + 21^2$	$= 13 + 101 + 152 + 200 + 212$
$678 := 3^5 + 10^0 + 20^2 + 34^1$	$= 35 + 100 + 202 + 341$	$678 := 1^3 + 4^0 + 17^2 + 19^2 + 26^1$	$= 13 + 40 + 172 + 192 + 261$
$678 := 4^2 + 5^4 + 6^2 + 52^0$	$= 42 + 54 + 62 + 520$	$678 := 1^3 + 5^2 + 10^0 + 25^2 + 26^1$	$= 13 + 52 + 100 + 252 + 261$
$678 := 4^4 + 14^2 + 15^2 + 34^0$	$= 44 + 142 + 152 + 340$	$678 := 1^3 + 6^0 + 11^2 + 23^2 + 26^1$	$= 13 + 60 + 112 + 232 + 261$
$678 := 1^0 + 2^5 + 19^1 + 20^0 + 25^2$	$= 10 + 25 + 191 + 200 + 252$	$678 := 1^3 + 6^2 + 15^1 + 20^0 + 25^2$	$= 13 + 62 + 151 + 200 + 252$
$678 := 1^1 + 3^4 + 19^1 + 20^0 + 24^2$	$= 11 + 34 + 191 + 200 + 242$	$678 := 1^3 + 8^0 + 13^2 + 22^2 + 23^1$	$= 13 + 80 + 132 + 222 + 231$
$678 := 1^1 + 4^4 + 20^1 + 20^2 + 22^0$	$= 11 + 44 + 201 + 202 + 220$	$678 := 1^3 + 9^2 + 14^0 + 19^1 + 24^2$	$= 13 + 92 + 140 + 191 + 242$

$$\begin{aligned} 678 &:= 1^7 + 2^8 + 20^1 + 20^2 + 23^0 = 17 + 28 + 201 + 202 + 230 & 678 &:= 2^5 + 3^0 + 18^0 + 19^1 + 25^2 = 25 + 30 + 180 + 191 + 252 \\ 678 &:= 1^8 + 2^7 + 19^1 + 21^0 + 23^2 = 18 + 27 + 191 + 210 + 232 & 678 &:= 2^5 + 4^0 + 17^0 + 19^1 + 25^2 = 25 + 40 + 170 + 191 + 252 \\ 678 &:= 10^2 + 12^2 + 12^2 + 16^0 + 17^2 = 102 + 122 + 122 + 160 + 172 & 678 &:= 2^5 + 5^0 + 16^0 + 19^1 + 25^2 = 25 + 50 + 160 + 191 + 252 \\ 678 &:= 2^0 + 2^5 + 19^0 + 19^1 + 25^2 = 20 + 25 + 190 + 191 + 252 & 678 &:= 2^5 + 6^0 + 15^0 + 19^1 + 25^2 = 25 + 60 + 150 + 191 + 252 \\ 678 &:= 2^0 + 4^3 + 15^2 + 19^2 + 27^1 = 20 + 43 + 152 + 192 + 271 & 678 &:= 2^5 + 7^0 + 14^0 + 19^1 + 25^2 = 25 + 70 + 140 + 191 + 252 \\ 678 &:= 2^1 + 3^3 + 18^2 + 18^2 + 26^0 = 21 + 33 + 182 + 182 + 260 & 678 &:= 2^5 + 8^0 + 13^0 + 19^1 + 25^2 = 25 + 80 + 130 + 191 + 252 \\ 678 &:= 2^1 + 3^4 + 18^1 + 20^0 + 24^2 = 21 + 34 + 181 + 200 + 242 & 678 &:= 2^5 + 9^0 + 12^0 + 19^1 + 25^2 = 25 + 90 + 120 + 191 + 252 \\ 678 &:= 2^1 + 4^4 + 19^1 + 20^2 + 22^0 = 21 + 44 + 191 + 202 + 220 & 678 &:= 2^7 + 2^9 + 10^1 + 25^0 + 27^1 = 27 + 29 + 101 + 250 + 271 \\ 678 &:= 2^2 + 3^3 + 16^0 + 21^1 + 25^2 = 22 + 33 + 160 + 211 + 252 & 678 &:= 2^7 + 2^9 + 11^1 + 25^0 + 26^1 = 27 + 29 + 111 + 250 + 261 \\ 678 &:= 2^2 + 5^2 + 18^2 + 18^2 + 24^0 = 22 + 52 + 182 + 182 + 240 & 678 &:= 2^7 + 2^9 + 12^1 + 25^0 + 25^1 = 27 + 29 + 121 + 250 + 251 \\ 678 &:= 2^2 + 5^3 + 18^0 + 19^1 + 23^2 = 22 + 53 + 180 + 191 + 232 & 678 &:= 2^7 + 2^9 + 13^1 + 24^1 + 25^0 = 27 + 29 + 131 + 241 + 250 \\ 678 &:= 2^2 + 5^4 + 12^0 + 21^1 + 27^1 = 22 + 54 + 120 + 211 + 271 & 678 &:= 2^7 + 2^9 + 14^1 + 23^1 + 25^0 = 27 + 29 + 141 + 231 + 250 \\ 678 &:= 2^2 + 5^4 + 12^0 + 22^1 + 26^1 = 22 + 54 + 120 + 221 + 261 & 678 &:= 2^7 + 2^9 + 15^1 + 22^1 + 25^0 = 27 + 29 + 151 + 221 + 250 \\ 678 &:= 2^2 + 5^4 + 12^0 + 23^1 + 25^1 = 22 + 54 + 120 + 231 + 251 & 678 &:= 2^7 + 2^9 + 16^1 + 21^1 + 25^0 = 27 + 29 + 161 + 211 + 250 \\ 678 &:= 2^2 + 5^4 + 12^0 + 24^1 + 24^1 = 22 + 54 + 120 + 241 + 241 & 678 &:= 2^7 + 2^9 + 17^1 + 20^1 + 25^0 = 27 + 29 + 171 + 201 + 250 \\ 678 &:= 2^2 + 6^2 + 14^2 + 21^2 + 24^0 = 22 + 62 + 142 + 212 + 240 & 678 &:= 2^7 + 2^9 + 18^1 + 19^1 + 25^0 = 27 + 29 + 181 + 191 + 250 \\ 678 &:= 2^2 + 6^3 + 16^1 + 21^2 + 22^0 = 22 + 63 + 161 + 212 + 220 & 678 &:= 3^1 + 3^4 + 17^1 + 20^0 + 24^2 = 31 + 34 + 171 + 200 + 242 \\ 678 &:= 2^3 + 10^0 + 17^2 + 19^1 + 19^2 = 23 + 100 + 172 + 191 + 192 & 678 &:= 3^1 + 4^3 + 13^2 + 21^2 + 26^0 = 31 + 43 + 132 + 212 + 260 \\ 678 &:= 2^3 + 11^2 + 12^0 + 19^1 + 23^2 = 23 + 112 + 120 + 191 + 232 & 678 &:= 3^1 + 4^4 + 18^1 + 20^2 + 22^0 = 31 + 44 + 181 + 202 + 220 \\ 678 &:= 2^3 + 13^1 + 16^0 + 16^2 + 20^2 = 23 + 131 + 160 + 162 + 202 & 678 &:= 3^1 + 5^3 + 15^2 + 18^2 + 26^0 = 31 + 53 + 152 + 182 + 260 \\ 678 &:= 2^3 + 13^2 + 14^0 + 16^1 + 22^2 = 23 + 132 + 140 + 161 + 222 & 678 &:= 3^2 + 3^3 + 16^1 + 20^0 + 25^2 = 32 + 33 + 161 + 200 + 252 \\ 678 &:= 2^3 + 3^1 + 15^2 + 21^2 + 26^0 = 23 + 31 + 152 + 212 + 260 & 678 &:= 3^2 + 5^3 + 14^1 + 22^0 + 23^2 = 32 + 53 + 141 + 220 + 232 \\ 678 &:= 2^3 + 5^2 + 16^0 + 19^1 + 25^2 = 23 + 52 + 160 + 191 + 252 & 678 &:= 3^2 + 5^4 + 16^0 + 16^1 + 27^1 = 32 + 54 + 160 + 161 + 271 \\ 678 &:= 2^3 + 6^2 + 8^1 + 25^2 + 26^0 = 23 + 62 + 81 + 252 + 260 & 678 &:= 3^2 + 5^4 + 16^0 + 17^1 + 26^1 = 32 + 54 + 160 + 171 + 261 \\ 678 &:= 2^3 + 8^0 + 18^2 + 18^2 + 21^1 = 23 + 80 + 182 + 182 + 211 & 678 &:= 3^2 + 5^4 + 16^0 + 18^1 + 25^1 = 32 + 54 + 160 + 181 + 251 \\ 678 &:= 2^3 + 9^2 + 12^1 + 20^0 + 24^2 = 23 + 92 + 121 + 200 + 242 & 678 &:= 3^2 + 5^4 + 16^0 + 19^1 + 24^1 = 32 + 54 + 160 + 191 + 241 \\ 678 &:= 2^4 + 4^0 + 10^1 + 25^2 + 26^1 = 24 + 40 + 101 + 252 + 261 & 678 &:= 3^2 + 5^4 + 16^0 + 20^1 + 23^1 = 32 + 54 + 160 + 201 + 231 \\ 678 &:= 2^4 + 4^0 + 11^1 + 25^1 + 25^2 = 24 + 40 + 111 + 251 + 252 & 678 &:= 3^2 + 5^4 + 16^0 + 21^1 + 22^1 = 32 + 54 + 160 + 211 + 221 \\ 678 &:= 2^4 + 4^0 + 12^1 + 24^1 + 25^2 = 24 + 40 + 121 + 241 + 252 & 678 &:= 3^2 + 6^3 + 11^1 + 21^2 + 26^0 = 32 + 63 + 111 + 212 + 260 \\ 678 &:= 2^4 + 4^0 + 13^1 + 23^1 + 25^2 = 24 + 40 + 131 + 231 + 252 & 678 &:= 3^3 + 10^0 + 10^2 + 21^1 + 23^2 = 33 + 100 + 102 + 211 + 232 \\ 678 &:= 2^4 + 4^0 + 14^1 + 22^1 + 25^2 = 24 + 40 + 141 + 221 + 252 & 678 &:= 3^3 + 13^1 + 14^2 + 16^0 + 21^2 = 33 + 131 + 142 + 160 + 212 \\ 678 &:= 2^4 + 4^0 + 15^1 + 21^1 + 25^2 = 24 + 40 + 151 + 211 + 252 & 678 &:= 3^3 + 4^0 + 15^2 + 20^2 + 25^1 = 33 + 40 + 152 + 202 + 251 \\ 678 &:= 2^4 + 4^0 + 16^1 + 20^1 + 25^2 = 24 + 40 + 161 + 201 + 252 & 678 &:= 3^3 + 4^2 + 9^1 + 25^2 + 26^0 = 33 + 42 + 91 + 252 + 260 \\ 678 &:= 2^4 + 4^0 + 17^1 + 19^1 + 25^2 = 24 + 40 + 171 + 191 + 252 & 678 &:= 3^3 + 5^4 + 10^0 + 24^1 + 25^0 = 33 + 54 + 100 + 241 + 250 \\ 678 &:= 2^4 + 4^0 + 18^1 + 18^1 + 25^2 = 24 + 40 + 181 + 181 + 252 & 678 &:= 3^3 + 5^4 + 11^0 + 24^0 + 24^1 = 33 + 54 + 110 + 240 + 241 \\ 678 &:= 2^4 + 4^0 + 9^1 + 25^2 + 27^1 = 24 + 40 + 91 + 252 + 271 & 678 &:= 3^3 + 5^4 + 12^0 + 23^0 + 24^1 = 33 + 54 + 120 + 230 + 241 \\ 678 &:= 2^5 + 10^0 + 11^0 + 19^1 + 25^2 = 25 + 100 + 110 + 191 + 252 & 678 &:= 3^3 + 5^4 + 13^0 + 22^0 + 24^1 = 33 + 54 + 130 + 220 + 241 \\ 678 &:= 2^5 + 2^9 + 9^2 + 26^1 + 27^1 = 25 + 29 + 92 + 261 + 271 & 678 &:= 3^3 + 5^4 + 14^0 + 21^0 + 24^1 = 33 + 54 + 140 + 210 + 241 \end{aligned}$$

$$\begin{aligned}
 678 &:= 3^3 + 5^4 + 15^0 + 20^0 + 24^1 = 33 + 54 + 150 + 200 + 241 & 678 &:= 4^3 + 8^3 + 10^2 + 22^0 + 23^0 = 43 + 83 + 102 + 220 + 230 \\
 678 &:= 3^3 + 5^4 + 16^0 + 19^0 + 24^1 = 33 + 54 + 160 + 190 + 241 & 678 &:= 4^4 + 10^1 + 11^1 + 20^2 + 22^0 = 44 + 101 + 111 + 202 + 220 \\
 678 &:= 3^3 + 5^4 + 17^0 + 18^0 + 24^1 = 33 + 54 + 170 + 180 + 241 & 678 &:= 4^4 + 5^1 + 16^1 + 20^2 + 22^0 = 44 + 51 + 161 + 202 + 220 \\
 678 &:= 3^3 + 5^4 + 8^0 + 24^1 + 27^0 = 33 + 54 + 80 + 241 + 270 & 678 &:= 4^4 + 6^1 + 15^1 + 20^2 + 22^0 = 44 + 61 + 151 + 202 + 220 \\
 678 &:= 3^3 + 5^4 + 9^0 + 24^1 + 26^0 = 33 + 54 + 90 + 241 + 260 & 678 &:= 4^4 + 7^1 + 14^1 + 20^2 + 22^0 = 44 + 71 + 141 + 202 + 220 \\
 678 &:= 3^3 + 7^2 + 8^0 + 24^2 + 25^1 = 33 + 72 + 80 + 242 + 251 & 678 &:= 4^4 + 8^1 + 13^1 + 20^2 + 22^0 = 44 + 81 + 131 + 202 + 220 \\
 678 &:= 3^3 + 8^0 + 12^2 + 22^1 + 22^2 = 33 + 80 + 122 + 221 + 222 & 678 &:= 4^4 + 9^1 + 12^1 + 20^2 + 22^0 = 44 + 91 + 121 + 202 + 220 \\
 678 &:= 3^3 + 8^2 + 10^1 + 22^0 + 24^2 = 33 + 82 + 101 + 220 + 242 & 678 &:= 5^2 + 7^3 + 17^2 + 18^0 + 20^1 = 52 + 73 + 172 + 180 + 201 \\
 678 &:= 3^4 + 10^1 + 10^1 + 20^0 + 24^2 = 34 + 101 + 101 + 200 + 242 & 678 &:= 5^2 + 8^3 + 11^2 + 19^1 + 24^0 = 52 + 83 + 112 + 191 + 240 \\
 678 &:= 3^4 + 4^1 + 16^1 + 20^0 + 24^2 = 34 + 41 + 161 + 200 + 242 & 678 &:= 5^3 + 10^2 + 11^1 + 20^0 + 21^2 = 53 + 102 + 111 + 200 + 212 \\
 678 &:= 3^4 + 5^1 + 15^1 + 20^0 + 24^2 = 34 + 51 + 151 + 200 + 242 & 678 &:= 5^3 + 7^1 + 16^2 + 17^2 + 22^0 = 53 + 71 + 162 + 172 + 220 \\
 678 &:= 3^4 + 6^1 + 14^1 + 20^0 + 24^2 = 34 + 61 + 141 + 200 + 242 & 678 &:= 5^3 + 7^2 + 14^0 + 19^1 + 22^2 = 53 + 72 + 140 + 191 + 222 \\
 678 &:= 3^4 + 7^1 + 13^1 + 20^0 + 24^2 = 34 + 71 + 131 + 200 + 242 & 678 &:= 5^3 + 8^0 + 13^2 + 19^2 + 22^1 = 53 + 80 + 132 + 192 + 221 \\
 678 &:= 3^4 + 8^1 + 12^1 + 20^0 + 24^2 = 34 + 81 + 121 + 200 + 242 & 678 &:= 5^3 + 8^1 + 12^2 + 20^2 + 22^0 = 53 + 81 + 122 + 202 + 220 \\
 678 &:= 3^4 + 9^1 + 11^1 + 20^0 + 24^2 = 34 + 91 + 111 + 200 + 242 & 678 &:= 5^3 + 8^3 + 13^1 + 14^0 + 27^1 = 53 + 83 + 131 + 140 + 271 \\
 678 &:= 4^1 + 4^4 + 17^1 + 20^2 + 22^0 = 41 + 44 + 171 + 202 + 220 & 678 &:= 5^3 + 8^3 + 14^0 + 14^1 + 26^1 = 53 + 83 + 140 + 141 + 261 \\
 678 &:= 4^2 + 4^3 + 14^0 + 21^1 + 24^2 = 42 + 43 + 140 + 211 + 242 & 678 &:= 5^3 + 8^3 + 14^0 + 15^1 + 25^1 = 53 + 83 + 140 + 151 + 251 \\
 678 &:= 4^2 + 5^4 + 10^1 + 22^0 + 26^1 = 42 + 54 + 101 + 220 + 261 & 678 &:= 5^3 + 8^3 + 14^0 + 16^1 + 24^1 = 53 + 83 + 140 + 161 + 241 \\
 678 &:= 4^2 + 5^4 + 11^1 + 22^0 + 25^1 = 42 + 54 + 111 + 220 + 251 & 678 &:= 5^3 + 8^3 + 14^0 + 17^1 + 23^1 = 53 + 83 + 140 + 171 + 231 \\
 678 &:= 4^2 + 5^4 + 12^1 + 22^0 + 24^1 = 42 + 54 + 121 + 220 + 241 & 678 &:= 5^3 + 8^3 + 14^0 + 18^1 + 22^1 = 53 + 83 + 140 + 181 + 221 \\
 678 &:= 4^2 + 5^4 + 13^1 + 22^0 + 23^1 = 42 + 54 + 131 + 220 + 231 & 678 &:= 5^3 + 8^3 + 14^0 + 19^1 + 21^1 = 53 + 83 + 140 + 191 + 211 \\
 678 &:= 4^2 + 5^4 + 14^1 + 22^0 + 22^1 = 42 + 54 + 141 + 220 + 221 & 678 &:= 5^3 + 8^3 + 14^0 + 20^1 + 20^1 = 53 + 83 + 140 + 201 + 201 \\
 678 &:= 4^2 + 5^4 + 15^1 + 21^1 + 22^0 = 42 + 54 + 151 + 211 + 220 & 678 &:= 6^2 + 10^2 + 10^2 + 20^0 + 21^2 = 62 + 102 + 102 + 200 + 212 \\
 678 &:= 4^2 + 5^4 + 16^1 + 20^1 + 22^0 = 42 + 54 + 161 + 201 + 220 & 678 &:= 6^2 + 11^2 + 14^2 + 18^0 + 18^2 = 62 + 112 + 142 + 180 + 182 \\
 678 &:= 4^2 + 5^4 + 17^1 + 19^1 + 22^0 = 42 + 54 + 171 + 191 + 220 & 678 &:= 6^2 + 6^2 + 11^2 + 22^0 + 22^2 = 62 + 62 + 112 + 220 + 222 \\
 678 &:= 4^2 + 5^4 + 18^1 + 18^1 + 22^0 = 42 + 54 + 181 + 181 + 220 & 678 &:= 6^2 + 6^3 + 10^0 + 20^2 + 25^1 = 62 + 63 + 100 + 202 + 251 \\
 678 &:= 4^2 + 5^4 + 9^1 + 22^0 + 27^1 = 42 + 54 + 91 + 220 + 271 & 678 &:= 6^3 + 11^1 + 15^2 + 15^2 + 20^0 = 63 + 111 + 152 + 152 + 200 \\
 678 &:= 4^2 + 6^2 + 15^2 + 20^2 + 22^0 = 42 + 62 + 152 + 202 + 220 & 678 &:= 6^3 + 11^2 + 16^0 + 16^1 + 18^2 = 63 + 112 + 160 + 161 + 182 \\
 678 &:= 4^2 + 6^2 + 7^2 + 24^2 + 26^0 = 42 + 62 + 72 + 242 + 260 & 678 &:= 6^3 + 7^2 + 12^1 + 20^2 + 22^0 = 63 + 72 + 121 + 202 + 220 \\
 678 &:= 4^2 + 9^2 + 16^2 + 18^2 + 20^0 = 42 + 92 + 162 + 182 + 200 & 678 &:= 6^3 + 9^1 + 14^2 + 16^2 + 22^0 = 63 + 91 + 142 + 162 + 220 \\
 678 &:= 4^3 + 12^0 + 14^2 + 17^1 + 20^2 = 43 + 120 + 142 + 171 + 202 & 678 &:= 6^3 + 9^2 + 14^0 + 19^1 + 19^2 = 63 + 92 + 140 + 191 + 192 \\
 678 &:= 4^3 + 5^2 + 12^1 + 22^0 + 24^2 = 43 + 52 + 121 + 220 + 242 & 678 &:= 7^2 + 8^3 + 10^2 + 16^1 + 26^0 = 72 + 83 + 102 + 161 + 260 \\
 678 &:= 4^3 + 8^1 + 11^2 + 22^0 + 22^2 = 43 + 81 + 112 + 220 + 222 & 678 &:= 7^3 + 11^2 + 14^2 + 17^1 + 18^0 = 73 + 112 + 142 + 171 + 180 \\
 678 &:= 4^3 + 8^2 + 12^0 + 20^1 + 23^2 = 43 + 82 + 120 + 201 + 232 & 678 &:= 7^3 + 12^2 + 13^2 + 14^0 + 21^1 = 73 + 122 + 132 + 140 + 211 \\
 678 &:= 4^3 + 8^3 + 10^2 + 18^0 + 27^0 = 43 + 83 + 102 + 180 + 270 & 678 &:= 7^3 + 8^2 + 14^1 + 16^2 + 22^0 = 73 + 82 + 141 + 162 + 220 \\
 678 &:= 4^3 + 8^3 + 10^2 + 19^0 + 26^0 = 43 + 83 + 102 + 190 + 260 & 678 &:= 7^3 + 9^1 + 10^2 + 15^2 + 26^0 = 73 + 91 + 102 + 152 + 260 \\
 678 &:= 4^3 + 8^3 + 10^2 + 20^0 + 25^0 = 43 + 83 + 102 + 200 + 250 & 678 &:= 8^2 + 8^2 + 15^2 + 18^0 + 18^2 = 82 + 82 + 152 + 180 + 182 \\
 678 &:= 4^3 + 8^3 + 10^2 + 21^0 + 24^0 = 43 + 83 + 102 + 210 + 240 & 678 &:= 8^2 + 8^3 + 9^2 + 20^1 + 22^0 = 82 + 83 + 92 + 201 + 220
 \end{aligned}$$

$$678 := 9^2 + 12^2 + 14^2 + 16^0 + 16^2 = 92 + 122 + 142 + 160 + 162$$

2.2.580 Number 679

$679 := 1^0 + 1^7 + 26^2 + 39^0$	$= 10 + 17 + 262 + 390$	$679 := 1^2 + 12^2 + 16^2 + 16^2 + 22^1$	$= 12 + 122 + 162 + 162 + 221$
$679 := 1^1 + 1^6 + 26^2 + 39^0$	$= 11 + 16 + 262 + 390$	$679 := 1^2 + 3^3 + 17^2 + 19^2 + 27^0$	$= 12 + 33 + 172 + 192 + 270$
$679 := 1^2 + 1^5 + 26^2 + 39^0$	$= 12 + 15 + 262 + 390$	$679 := 1^2 + 3^4 + 19^0 + 20^1 + 24^2$	$= 12 + 34 + 190 + 201 + 242$
$679 := 1^3 + 1^4 + 26^2 + 39^0$	$= 13 + 14 + 262 + 390$	$679 := 1^2 + 4^3 + 11^1 + 24^2 + 27^1$	$= 12 + 43 + 111 + 242 + 271$
$679 := 1^3 + 4^3 + 24^2 + 38^1$	$= 13 + 43 + 242 + 381$	$679 := 1^2 + 4^3 + 12^1 + 24^2 + 26^1$	$= 12 + 43 + 121 + 242 + 261$
$679 := 1^4 + 18^2 + 18^2 + 30^1$	$= 14 + 182 + 182 + 301$	$679 := 1^2 + 4^3 + 13^1 + 24^2 + 25^1$	$= 12 + 43 + 131 + 242 + 251$
$679 := 1^4 + 4^2 + 25^2 + 37^1$	$= 14 + 42 + 252 + 371$	$679 := 1^2 + 4^3 + 14^1 + 24^1 + 24^2$	$= 12 + 43 + 141 + 241 + 242$
$679 := 1^4 + 5^4 + 9^0 + 52^1$	$= 14 + 54 + 90 + 521$	$679 := 1^2 + 4^3 + 15^1 + 23^1 + 24^2$	$= 12 + 43 + 151 + 231 + 242$
$679 := 1^7 + 10^0 + 26^2 + 30^0$	$= 17 + 100 + 262 + 300$	$679 := 1^2 + 4^3 + 16^1 + 22^1 + 24^2$	$= 12 + 43 + 161 + 221 + 242$
$679 := 1^7 + 11^0 + 26^2 + 29^0$	$= 17 + 110 + 262 + 290$	$679 := 1^2 + 4^3 + 17^1 + 21^1 + 24^2$	$= 12 + 43 + 171 + 211 + 242$
$679 := 1^7 + 12^0 + 26^2 + 28^0$	$= 17 + 120 + 262 + 280$	$679 := 1^2 + 4^3 + 17^2 + 18^2 + 27^0$	$= 12 + 43 + 172 + 182 + 270$
$679 := 1^7 + 13^0 + 26^2 + 27^0$	$= 17 + 130 + 262 + 270$	$679 := 1^2 + 4^3 + 18^1 + 20^1 + 24^2$	$= 12 + 43 + 181 + 201 + 242$
$679 := 1^7 + 14^0 + 26^0 + 26^2$	$= 17 + 140 + 260 + 262$	$679 := 1^2 + 4^3 + 19^1 + 19^1 + 24^2$	$= 12 + 43 + 191 + 191 + 242$
$679 := 1^7 + 15^0 + 25^0 + 26^2$	$= 17 + 150 + 250 + 262$	$679 := 1^2 + 4^4 + 20^2 + 21^0 + 21^1$	$= 12 + 44 + 202 + 210 + 211$
$679 := 1^7 + 16^0 + 24^0 + 26^2$	$= 17 + 160 + 240 + 262$	$679 := 1^2 + 6^2 + 16^2 + 19^2 + 25^1$	$= 12 + 62 + 162 + 192 + 251$
$679 := 1^7 + 17^0 + 23^0 + 26^2$	$= 17 + 170 + 230 + 262$	$679 := 1^3 + 10^1 + 18^2 + 18^2 + 20^1$	$= 13 + 101 + 182 + 182 + 201$
$679 := 1^7 + 18^0 + 22^0 + 26^2$	$= 17 + 180 + 220 + 262$	$679 := 1^3 + 11^1 + 18^2 + 18^2 + 19^1$	$= 13 + 111 + 182 + 182 + 191$
$679 := 1^7 + 19^0 + 21^0 + 26^2$	$= 17 + 190 + 210 + 262$	$679 := 1^3 + 12^1 + 18^1 + 18^2 + 18^2$	$= 13 + 121 + 181 + 182 + 182$
$679 := 1^7 + 2^0 + 26^2 + 38^0$	$= 17 + 20 + 262 + 380$	$679 := 1^3 + 13^1 + 17^1 + 18^2 + 18^2$	$= 13 + 131 + 171 + 182 + 182$
$679 := 1^7 + 20^0 + 20^0 + 26^2$	$= 17 + 200 + 200 + 262$	$679 := 1^3 + 14^1 + 16^1 + 18^2 + 18^2$	$= 13 + 141 + 161 + 182 + 182$
$679 := 1^7 + 3^0 + 26^2 + 37^0$	$= 17 + 30 + 262 + 370$	$679 := 1^3 + 14^2 + 15^2 + 16^2 + 21^0$	$= 13 + 142 + 152 + 162 + 210$
$679 := 1^7 + 4^0 + 26^2 + 36^0$	$= 17 + 40 + 262 + 360$	$679 := 1^3 + 15^1 + 15^1 + 18^2 + 18^2$	$= 13 + 151 + 151 + 182 + 182$
$679 := 1^7 + 5^0 + 26^2 + 35^0$	$= 17 + 50 + 262 + 350$	$679 := 1^3 + 3^1 + 18^2 + 18^2 + 27^1$	$= 13 + 31 + 182 + 182 + 271$
$679 := 1^7 + 6^0 + 26^2 + 34^0$	$= 17 + 60 + 262 + 340$	$679 := 1^3 + 3^3 + 13^0 + 25^1 + 25^2$	$= 13 + 33 + 130 + 251 + 252$
$679 := 1^7 + 7^0 + 26^2 + 33^0$	$= 17 + 70 + 262 + 330$	$679 := 1^3 + 4^1 + 18^2 + 18^2 + 26^1$	$= 13 + 41 + 182 + 182 + 261$
$679 := 1^7 + 8^0 + 26^2 + 32^0$	$= 17 + 80 + 262 + 320$	$679 := 1^3 + 4^2 + 10^1 + 25^2 + 27^1$	$= 13 + 42 + 101 + 252 + 271$
$679 := 1^7 + 9^0 + 26^2 + 31^0$	$= 17 + 90 + 262 + 310$	$679 := 1^3 + 4^2 + 11^1 + 25^2 + 26^1$	$= 13 + 42 + 111 + 252 + 261$
$679 := 1^8 + 1^9 + 26^2 + 38^0$	$= 18 + 19 + 262 + 380$	$679 := 1^3 + 4^2 + 12^1 + 25^1 + 25^2$	$= 13 + 42 + 121 + 251 + 252$
$679 := 2^3 + 2^3 + 25^2 + 38^1$	$= 23 + 23 + 252 + 381$	$679 := 1^3 + 4^2 + 13^1 + 24^1 + 25^2$	$= 13 + 42 + 131 + 241 + 252$
$679 := 2^4 + 5^4 + 23^0 + 37^1$	$= 24 + 54 + 230 + 371$	$679 := 1^3 + 4^2 + 14^1 + 23^1 + 25^2$	$= 13 + 42 + 141 + 231 + 252$
$679 := 2^6 + 3^0 + 24^2 + 38^1$	$= 26 + 30 + 242 + 381$	$679 := 1^3 + 4^2 + 15^1 + 22^1 + 25^2$	$= 13 + 42 + 151 + 221 + 252$
$679 := 3^4 + 9^2 + 22^2 + 33^1$	$= 34 + 92 + 222 + 331$	$679 := 1^3 + 4^2 + 16^1 + 21^1 + 25^2$	$= 13 + 42 + 161 + 211 + 252$
$679 := 4^3 + 6^3 + 19^2 + 38^1$	$= 43 + 63 + 192 + 381$	$679 := 1^3 + 4^2 + 17^1 + 20^1 + 25^2$	$= 13 + 42 + 171 + 201 + 252$
$679 := 5^3 + 7^3 + 13^2 + 42^1$	$= 53 + 73 + 132 + 421$	$679 := 1^3 + 4^2 + 18^1 + 19^1 + 25^2$	$= 13 + 42 + 181 + 191 + 252$
$679 := 1^1 + 2^5 + 19^0 + 20^1 + 25^2$	$= 11 + 25 + 190 + 201 + 252$	$679 := 1^3 + 5^1 + 18^2 + 18^2 + 25^1$	$= 13 + 51 + 182 + 182 + 251$

$$\begin{aligned}
 679 &:= 1^3 + 5^3 + 15^0 + 23^1 + 23^2 = 13 + 53 + 150 + 231 + 232 & 679 &:= 2^1 + 2^5 + 19^0 + 19^1 + 25^2 = 21 + 25 + 190 + 191 + 252 \\
 679 &:= 1^3 + 5^4 + 9^0 + 25^1 + 27^1 = 13 + 54 + 90 + 251 + 271 & 679 &:= 2^1 + 4^3 + 15^2 + 19^2 + 27^1 = 21 + 43 + 152 + 192 + 271 \\
 679 &:= 1^3 + 5^4 + 9^0 + 26^1 + 26^1 = 13 + 54 + 90 + 261 + 261 & 679 &:= 2^2 + 13^2 + 14^2 + 17^2 + 21^1 = 22 + 132 + 142 + 172 + 211 \\
 679 &:= 1^3 + 6^1 + 18^2 + 18^2 + 24^1 = 13 + 61 + 182 + 182 + 241 & 679 &:= 2^2 + 2^3 + 15^2 + 21^2 + 27^0 = 22 + 23 + 152 + 212 + 270 \\
 679 &:= 1^3 + 6^3 + 19^0 + 20^1 + 21^2 = 13 + 63 + 190 + 201 + 212 & 679 &:= 2^2 + 3^4 + 17^1 + 21^0 + 24^2 = 22 + 34 + 171 + 210 + 242 \\
 679 &:= 1^3 + 7^1 + 18^2 + 18^2 + 23^1 = 13 + 71 + 182 + 182 + 231 & 679 &:= 2^2 + 4^3 + 13^2 + 21^2 + 27^0 = 22 + 43 + 132 + 212 + 270 \\
 679 &:= 1^3 + 7^2 + 12^2 + 22^2 + 25^0 = 13 + 72 + 122 + 222 + 250 & 679 &:= 2^2 + 4^4 + 18^1 + 20^2 + 23^0 = 22 + 44 + 181 + 202 + 230 \\
 679 &:= 1^3 + 8^1 + 18^2 + 18^2 + 22^1 = 13 + 81 + 182 + 182 + 221 & 679 &:= 2^2 + 5^2 + 15^2 + 20^2 + 25^1 = 22 + 52 + 152 + 202 + 251 \\
 679 &:= 1^3 + 8^2 + 17^2 + 18^2 + 23^0 = 13 + 82 + 172 + 182 + 230 & 679 &:= 2^2 + 5^3 + 15^2 + 18^2 + 27^0 = 22 + 53 + 152 + 182 + 270 \\
 679 &:= 1^3 + 8^3 + 12^2 + 21^1 + 25^0 = 13 + 83 + 122 + 211 + 250 & 679 &:= 2^3 + 11^2 + 15^2 + 18^2 + 21^0 = 23 + 112 + 152 + 182 + 210 \\
 679 &:= 1^3 + 9^1 + 18^2 + 18^2 + 21^1 = 13 + 91 + 182 + 182 + 211 & 679 &:= 2^3 + 3^2 + 10^1 + 25^2 + 27^1 = 23 + 32 + 101 + 252 + 271 \\
 679 &:= 1^3 + 9^2 + 14^2 + 20^2 + 23^0 = 13 + 92 + 142 + 202 + 230 & 679 &:= 2^3 + 3^2 + 11^1 + 25^2 + 26^1 = 23 + 32 + 111 + 252 + 261 \\
 679 &:= 1^4 + 11^1 + 15^2 + 19^0 + 21^2 = 14 + 111 + 152 + 190 + 212 & 679 &:= 2^3 + 3^2 + 12^1 + 25^1 + 25^2 = 23 + 32 + 121 + 251 + 252 \\
 679 &:= 1^4 + 3^0 + 17^2 + 19^2 + 27^1 = 14 + 30 + 172 + 192 + 271 & 679 &:= 2^3 + 3^2 + 13^1 + 24^1 + 25^2 = 23 + 32 + 131 + 241 + 252 \\
 679 &:= 1^4 + 4^1 + 12^2 + 23^2 + 27^0 = 14 + 41 + 122 + 232 + 270 & 679 &:= 2^3 + 3^2 + 14^1 + 23^1 + 25^2 = 23 + 32 + 141 + 231 + 252 \\
 679 &:= 1^4 + 5^0 + 11^2 + 23^2 + 27^1 = 14 + 50 + 112 + 232 + 271 & 679 &:= 2^3 + 3^2 + 15^1 + 22^1 + 25^2 = 23 + 32 + 151 + 221 + 252 \\
 679 &:= 1^4 + 5^2 + 9^0 + 25^2 + 27^1 = 14 + 52 + 90 + 252 + 271 & 679 &:= 2^3 + 3^2 + 16^1 + 21^1 + 25^2 = 23 + 32 + 161 + 211 + 252 \\
 679 &:= 1^4 + 6^2 + 16^1 + 19^0 + 25^2 = 14 + 62 + 161 + 190 + 252 & 679 &:= 2^3 + 3^2 + 17^1 + 20^1 + 25^2 = 23 + 32 + 171 + 201 + 252 \\
 679 &:= 1^4 + 7^0 + 13^2 + 22^2 + 24^1 = 14 + 70 + 132 + 222 + 241 & 679 &:= 2^3 + 3^2 + 18^1 + 19^1 + 25^2 = 23 + 32 + 181 + 191 + 252 \\
 679 &:= 1^4 + 9^0 + 16^2 + 20^2 + 21^1 = 14 + 90 + 162 + 202 + 211 & 679 &:= 2^3 + 3^3 + 18^1 + 19^0 + 25^2 = 23 + 33 + 181 + 190 + 252 \\
 679 &:= 1^4 + 9^2 + 13^0 + 20^1 + 24^2 = 14 + 92 + 130 + 201 + 242 & 679 &:= 2^3 + 5^3 + 16^1 + 21^0 + 23^2 = 23 + 53 + 161 + 210 + 232 \\
 679 &:= 1^5 + 10^0 + 10^2 + 22^0 + 24^2 = 15 + 100 + 102 + 220 + 242 & 679 &:= 2^3 + 5^4 + 15^0 + 18^1 + 27^1 = 23 + 54 + 150 + 181 + 271 \\
 679 &:= 1^5 + 10^2 + 11^0 + 21^0 + 24^2 = 15 + 102 + 110 + 210 + 242 & 679 &:= 2^3 + 5^4 + 15^0 + 19^1 + 26^1 = 23 + 54 + 150 + 191 + 261 \\
 679 &:= 1^5 + 10^2 + 12^0 + 20^0 + 24^2 = 15 + 102 + 120 + 200 + 242 & 679 &:= 2^3 + 5^4 + 15^0 + 20^1 + 25^1 = 23 + 54 + 150 + 201 + 251 \\
 679 &:= 1^5 + 10^2 + 13^0 + 19^0 + 24^2 = 15 + 102 + 130 + 190 + 242 & 679 &:= 2^3 + 5^4 + 15^0 + 21^1 + 24^1 = 23 + 54 + 150 + 211 + 241 \\
 679 &:= 1^5 + 10^2 + 14^0 + 18^0 + 24^2 = 15 + 102 + 140 + 180 + 242 & 679 &:= 2^3 + 5^4 + 15^0 + 22^1 + 23^1 = 23 + 54 + 150 + 221 + 231 \\
 679 &:= 1^5 + 10^2 + 15^0 + 17^0 + 24^2 = 15 + 102 + 150 + 170 + 242 & 679 &:= 2^3 + 6^3 + 13^1 + 21^2 + 25^0 = 23 + 63 + 131 + 212 + 250 \\
 679 &:= 1^5 + 10^2 + 16^0 + 16^0 + 24^2 = 15 + 102 + 160 + 160 + 242 & 679 &:= 2^4 + 11^2 + 12^1 + 19^0 + 23^2 = 24 + 112 + 121 + 190 + 232 \\
 679 &:= 1^5 + 5^0 + 10^2 + 24^2 + 27^0 = 15 + 50 + 102 + 242 + 270 & 679 &:= 2^4 + 12^1 + 17^0 + 17^2 + 19^2 = 24 + 121 + 170 + 172 + 192 \\
 679 &:= 1^5 + 6^0 + 10^2 + 24^2 + 26^0 = 15 + 60 + 102 + 242 + 260 & 679 &:= 2^4 + 14^1 + 15^0 + 18^2 + 18^2 = 24 + 141 + 150 + 182 + 182 \\
 679 &:= 1^5 + 7^0 + 10^2 + 24^2 + 25^0 = 15 + 70 + 102 + 242 + 250 & 679 &:= 2^4 + 4^2 + 15^0 + 21^1 + 25^2 = 24 + 42 + 150 + 211 + 252 \\
 679 &:= 1^5 + 8^0 + 10^2 + 24^0 + 24^2 = 15 + 80 + 102 + 240 + 242 & 679 &:= 2^4 + 5^0 + 14^2 + 21^2 + 25^1 = 24 + 50 + 142 + 212 + 251 \\
 679 &:= 1^5 + 9^0 + 10^2 + 23^0 + 24^2 = 15 + 90 + 102 + 230 + 242 & 679 &:= 2^4 + 5^1 + 9^2 + 24^2 + 27^0 = 24 + 51 + 92 + 242 + 270 \\
 679 &:= 1^8 + 2^8 + 20^2 + 21^1 + 22^0 = 18 + 28 + 202 + 211 + 220 & 679 &:= 2^4 + 5^2 + 12^1 + 23^0 + 25^2 = 24 + 52 + 121 + 230 + 252 \\
 679 &:= 1^9 + 2^7 + 20^0 + 20^1 + 23^2 = 19 + 27 + 200 + 201 + 232 & 679 &:= 2^4 + 6^1 + 16^2 + 20^2 + 23^0 = 24 + 61 + 162 + 202 + 230 \\
 679 &:= 10^2 + 10^2 + 10^2 + 18^1 + 19^2 = 102 + 102 + 102 + 181 + 192 & 679 &:= 2^4 + 8^2 + 11^0 + 22^1 + 24^2 = 24 + 82 + 110 + 221 + 242 \\
 679 &:= 10^2 + 13^2 + 13^2 + 15^2 + 16^1 = 102 + 132 + 132 + 152 + 161 & 679 &:= 2^4 + 9^1 + 13^2 + 21^0 + 22^2 = 24 + 91 + 132 + 210 + 222 \\
 679 &:= 11^2 + 11^2 + 14^2 + 15^2 + 16^1 = 112 + 112 + 142 + 152 + 161 & 679 &:= 2^5 + 10^1 + 11^1 + 19^0 + 25^2 = 25 + 101 + 111 + 190 + 252
 \end{aligned}$$

$$\begin{aligned} 679 &:= 2^5 + 3^1 + 18^1 + 19^0 + 25^2 = 25 + 31 + 181 + 190 + 252 & 679 &:= 3^5 + 9^0 + 17^1 + 18^1 + 20^2 = 35 + 90 + 171 + 181 + 202 \\ 679 &:= 2^5 + 4^1 + 17^1 + 19^0 + 25^2 = 25 + 41 + 171 + 190 + 252 & 679 &:= 3^5 + 9^0 + 9^1 + 20^2 + 26^1 = 35 + 90 + 91 + 202 + 261 \\ 679 &:= 2^5 + 5^1 + 16^1 + 19^0 + 25^2 = 25 + 51 + 161 + 190 + 252 & 679 &:= 4^1 + 4^3 + 10^2 + 22^2 + 27^1 = 41 + 43 + 102 + 222 + 271 \\ 679 &:= 2^5 + 6^1 + 15^1 + 19^0 + 25^2 = 25 + 61 + 151 + 190 + 252 & 679 &:= 4^1 + 4^3 + 12^2 + 21^2 + 26^1 = 41 + 43 + 122 + 212 + 261 \\ 679 &:= 2^5 + 7^1 + 14^1 + 19^0 + 25^2 = 25 + 71 + 141 + 190 + 252 & 679 &:= 4^1 + 4^3 + 15^2 + 19^2 + 25^1 = 41 + 43 + 152 + 192 + 251 \\ 679 &:= 2^5 + 8^1 + 13^1 + 19^0 + 25^2 = 25 + 81 + 131 + 190 + 252 & 679 &:= 4^2 + 10^2 + 10^2 + 21^2 + 22^1 = 42 + 102 + 102 + 212 + 221 \\ 679 &:= 2^5 + 9^1 + 12^1 + 19^0 + 25^2 = 25 + 91 + 121 + 190 + 252 & 679 &:= 4^2 + 11^2 + 11^2 + 20^2 + 21^1 = 42 + 112 + 112 + 202 + 211 \\ 679 &:= 3^1 + 4^3 + 12^2 + 21^2 + 27^1 = 31 + 43 + 122 + 212 + 271 & 679 &:= 4^2 + 5^3 + 8^3 + 25^0 + 25^1 = 42 + 53 + 83 + 250 + 251 \\ 679 &:= 3^1 + 4^3 + 15^2 + 19^2 + 26^1 = 31 + 43 + 152 + 192 + 261 & 679 &:= 4^2 + 8^2 + 17^2 + 17^2 + 21^1 = 42 + 82 + 172 + 172 + 211 \\ 679 &:= 3^2 + 10^2 + 15^2 + 18^2 + 21^1 = 32 + 102 + 152 + 182 + 211 & 679 &:= 4^3 + 10^1 + 10^2 + 21^1 + 22^2 = 43 + 101 + 102 + 211 + 222 \\ 679 &:= 3^2 + 12^2 + 12^2 + 19^2 + 21^1 = 32 + 122 + 122 + 192 + 211 & 679 &:= 4^3 + 10^1 + 12^2 + 20^1 + 21^2 = 43 + 101 + 122 + 201 + 212 \\ 679 &:= 3^2 + 13^2 + 15^2 + 16^2 + 20^1 = 32 + 132 + 152 + 162 + 201 & 679 &:= 4^3 + 10^1 + 15^2 + 19^1 + 19^2 = 43 + 101 + 152 + 191 + 192 \\ 679 &:= 3^2 + 3^4 + 12^1 + 24^2 + 25^0 = 32 + 34 + 121 + 242 + 250 & 679 &:= 4^3 + 10^2 + 11^1 + 20^1 + 22^2 = 43 + 102 + 111 + 201 + 222 \\ 679 &:= 3^2 + 4^2 + 12^2 + 22^2 + 26^1 = 32 + 42 + 122 + 222 + 261 & 679 &:= 4^3 + 10^2 + 12^1 + 19^1 + 22^2 = 43 + 102 + 121 + 191 + 222 \\ 679 &:= 3^2 + 4^3 + 11^2 + 22^2 + 27^0 = 32 + 43 + 112 + 222 + 270 & 679 &:= 4^3 + 10^2 + 13^1 + 18^1 + 22^2 = 43 + 102 + 131 + 181 + 222 \\ 679 &:= 3^2 + 4^4 + 13^1 + 20^2 + 27^0 = 32 + 44 + 131 + 202 + 270 & 679 &:= 4^3 + 10^2 + 14^1 + 17^1 + 22^2 = 43 + 102 + 141 + 171 + 222 \\ 679 &:= 3^2 + 5^3 + 12^2 + 20^2 + 27^0 = 32 + 53 + 122 + 202 + 270 & 679 &:= 4^3 + 10^2 + 15^1 + 16^1 + 22^2 = 43 + 102 + 151 + 161 + 222 \\ 679 &:= 3^2 + 6^2 + 13^2 + 21^2 + 24^1 = 32 + 62 + 132 + 212 + 241 & 679 &:= 4^3 + 10^2 + 15^2 + 17^2 + 21^0 = 43 + 102 + 152 + 172 + 210 \\ 679 &:= 3^2 + 9^2 + 9^2 + 22^2 + 24^1 = 32 + 92 + 92 + 222 + 241 & 679 &:= 4^3 + 11^1 + 12^2 + 19^1 + 21^2 = 43 + 111 + 122 + 191 + 212 \\ 679 &:= 3^3 + 11^2 + 13^2 + 19^2 + 21^0 = 33 + 112 + 132 + 192 + 210 & 679 &:= 4^3 + 11^1 + 15^2 + 18^1 + 19^2 = 43 + 111 + 152 + 181 + 192 \\ 679 &:= 3^3 + 4^3 + 11^1 + 24^2 + 25^0 = 33 + 43 + 111 + 242 + 250 & 679 &:= 4^3 + 11^2 + 13^2 + 18^2 + 21^0 = 43 + 112 + 132 + 182 + 210 \\ 679 &:= 3^3 + 5^2 + 5^4 + 27^0 + 27^0 = 33 + 52 + 54 + 270 + 270 & 679 &:= 4^3 + 12^1 + 12^2 + 18^1 + 21^2 = 43 + 121 + 122 + 181 + 212 \\ 679 &:= 3^3 + 7^3 + 17^2 + 19^1 + 21^0 = 33 + 73 + 172 + 191 + 210 & 679 &:= 4^3 + 12^1 + 15^2 + 17^1 + 19^2 = 43 + 121 + 152 + 171 + 192 \\ 679 &:= 3^3 + 8^3 + 11^2 + 18^1 + 27^0 = 33 + 83 + 112 + 181 + 270 & 679 &:= 4^3 + 12^2 + 13^1 + 17^1 + 21^2 = 43 + 122 + 131 + 171 + 212 \\ 679 &:= 3^4 + 10^2 + 13^1 + 19^0 + 22^2 = 34 + 102 + 131 + 190 + 222 & 679 &:= 4^3 + 12^2 + 14^1 + 16^1 + 21^2 = 43 + 122 + 141 + 161 + 212 \\ 679 &:= 3^4 + 11^0 + 17^2 + 17^2 + 19^1 = 34 + 110 + 172 + 172 + 191 & 679 &:= 4^3 + 12^2 + 15^1 + 15^1 + 21^2 = 43 + 122 + 151 + 151 + 212 \\ 679 &:= 3^4 + 11^1 + 15^2 + 19^0 + 19^2 = 34 + 111 + 152 + 190 + 192 & 679 &:= 4^3 + 13^1 + 15^2 + 16^1 + 19^2 = 43 + 131 + 152 + 161 + 192 \\ 679 &:= 3^4 + 12^1 + 12^2 + 19^0 + 21^2 = 34 + 121 + 122 + 190 + 212 & 679 &:= 4^3 + 14^1 + 15^1 + 15^2 + 19^2 = 43 + 141 + 151 + 152 + 192 \\ 679 &:= 3^4 + 13^0 + 16^2 + 17^1 + 18^2 = 34 + 130 + 162 + 171 + 182 & 679 &:= 4^3 + 4^3 + 15^0 + 21^1 + 23^2 = 43 + 43 + 150 + 211 + 232 \\ 679 &:= 3^4 + 7^2 + 15^0 + 19^1 + 23^2 = 34 + 72 + 150 + 191 + 232 & 679 &:= 4^3 + 5^1 + 10^2 + 22^2 + 26^1 = 43 + 51 + 102 + 222 + 261 \\ 679 &:= 3^5 + 8^1 + 9^0 + 20^2 + 27^1 = 35 + 81 + 90 + 202 + 271 & 679 &:= 4^3 + 5^1 + 12^2 + 21^2 + 25^1 = 43 + 51 + 122 + 212 + 251 \\ 679 &:= 3^5 + 9^0 + 10^1 + 20^2 + 25^1 = 35 + 90 + 101 + 202 + 251 & 679 &:= 4^3 + 5^1 + 15^2 + 19^2 + 24^1 = 43 + 51 + 152 + 192 + 241 \\ 679 &:= 3^5 + 9^0 + 11^1 + 20^2 + 24^1 = 35 + 90 + 111 + 202 + 241 & 679 &:= 4^3 + 6^1 + 10^2 + 22^2 + 25^1 = 43 + 61 + 102 + 222 + 251 \\ 679 &:= 3^5 + 9^0 + 12^1 + 20^2 + 23^1 = 35 + 90 + 121 + 202 + 231 & 679 &:= 4^3 + 6^1 + 12^2 + 21^2 + 24^1 = 43 + 61 + 122 + 212 + 241 \\ 679 &:= 3^5 + 9^0 + 13^1 + 20^2 + 22^1 = 35 + 90 + 131 + 202 + 221 & 679 &:= 4^3 + 6^1 + 15^2 + 19^2 + 23^1 = 43 + 61 + 152 + 192 + 231 \\ 679 &:= 3^5 + 9^0 + 14^1 + 20^2 + 21^1 = 35 + 90 + 141 + 202 + 211 & 679 &:= 4^3 + 6^2 + 17^2 + 17^2 + 23^0 = 43 + 62 + 172 + 172 + 230 \\ 679 &:= 3^5 + 9^0 + 15^1 + 20^1 + 20^2 = 35 + 90 + 151 + 201 + 202 & 679 &:= 4^3 + 6^2 + 7^2 + 23^2 + 27^0 = 43 + 62 + 72 + 232 + 270 \\ 679 &:= 3^5 + 9^0 + 16^1 + 19^1 + 20^2 = 35 + 90 + 161 + 191 + 202 & 679 &:= 4^3 + 7^1 + 10^2 + 22^2 + 24^1 = 43 + 71 + 102 + 222 + 241 \end{aligned}$$

$679 := 4^3 + 7^1 + 12^2 + 21^2 + 23^1 = 43 + 71 + 122 + 212 + 231$	$679 := 5^3 + 6^2 + 16^1 + 18^1 + 22^2 = 53 + 62 + 161 + 181 + 222$
$679 := 4^3 + 7^1 + 15^2 + 19^2 + 22^1 = 43 + 71 + 152 + 192 + 221$	$679 := 5^3 + 6^2 + 17^1 + 17^1 + 22^2 = 53 + 62 + 171 + 171 + 222$
$679 := 4^3 + 7^2 + 9^2 + 22^2 + 25^0 = 43 + 72 + 92 + 222 + 250$	$679 := 5^3 + 6^2 + 7^1 + 22^2 + 27^1 = 53 + 62 + 71 + 222 + 271$
$679 := 4^3 + 7^3 + 15^1 + 16^2 + 25^0 = 43 + 73 + 151 + 162 + 250$	$679 := 5^3 + 6^2 + 8^1 + 22^2 + 26^1 = 53 + 62 + 81 + 222 + 261$
$679 := 4^3 + 8^1 + 10^2 + 22^2 + 23^1 = 43 + 81 + 102 + 222 + 231$	$679 := 5^3 + 6^2 + 9^1 + 22^2 + 25^1 = 53 + 62 + 91 + 222 + 251$
$679 := 4^3 + 8^1 + 12^2 + 21^2 + 22^1 = 43 + 81 + 122 + 212 + 221$	$679 := 5^3 + 6^3 + 13^1 + 18^2 + 25^0 = 53 + 63 + 131 + 182 + 250$
$679 := 4^3 + 8^1 + 15^2 + 19^2 + 21^1 = 43 + 81 + 152 + 192 + 211$	$679 := 5^3 + 7^1 + 9^2 + 21^2 + 25^1 = 53 + 71 + 92 + 212 + 251$
$679 := 4^3 + 8^3 + 9^2 + 21^1 + 25^0 = 43 + 83 + 92 + 211 + 250$	$679 := 5^3 + 7^3 + 14^1 + 14^2 + 27^0 = 53 + 73 + 141 + 142 + 270$
$679 := 4^3 + 9^1 + 10^2 + 22^1 + 22^2 = 43 + 91 + 102 + 221 + 222$	$679 := 5^3 + 8^1 + 9^2 + 21^2 + 24^1 = 53 + 81 + 92 + 212 + 241$
$679 := 4^3 + 9^1 + 12^2 + 21^1 + 21^2 = 43 + 91 + 122 + 211 + 212$	$679 := 5^3 + 9^1 + 9^2 + 21^2 + 23^1 = 53 + 91 + 92 + 212 + 231$
$679 := 4^3 + 9^1 + 15^2 + 19^2 + 20^1 = 43 + 91 + 152 + 192 + 201$	$679 := 5^3 + 9^2 + 10^1 + 21^2 + 22^1 = 53 + 92 + 101 + 212 + 221$
$679 := 4^4 + 11^2 + 12^1 + 17^2 + 23^0 = 44 + 112 + 121 + 172 + 230$	$679 := 5^3 + 9^2 + 11^1 + 21^1 + 21^2 = 53 + 92 + 111 + 211 + 212$
$679 := 4^4 + 12^2 + 13^0 + 16^2 + 22^1 = 44 + 122 + 130 + 162 + 221$	$679 := 5^3 + 9^2 + 12^1 + 20^1 + 21^2 = 53 + 92 + 121 + 201 + 212$
$679 := 4^4 + 6^2 + 13^0 + 19^2 + 25^1 = 44 + 62 + 130 + 192 + 251$	$679 := 5^3 + 9^2 + 13^1 + 19^1 + 21^2 = 53 + 92 + 131 + 191 + 212$
$679 := 4^4 + 7^2 + 12^1 + 19^2 + 25^0 = 44 + 72 + 121 + 192 + 250$	$679 := 5^3 + 9^2 + 14^1 + 18^1 + 21^2 = 53 + 92 + 141 + 181 + 212$
$679 := 4^4 + 9^2 + 17^1 + 18^2 + 19^0 = 44 + 92 + 171 + 182 + 190$	$679 := 5^3 + 9^2 + 15^1 + 17^1 + 21^2 = 53 + 92 + 151 + 171 + 212$
$679 := 5^1 + 5^3 + 9^2 + 21^2 + 27^1 = 51 + 53 + 92 + 212 + 271$	$679 := 5^3 + 9^2 + 16^1 + 16^1 + 21^2 = 53 + 92 + 161 + 161 + 212$
$679 := 5^2 + 11^2 + 15^2 + 17^2 + 19^1 = 52 + 112 + 152 + 172 + 191$	$679 := 6^2 + 12^2 + 15^2 + 16^2 + 18^1 = 62 + 122 + 152 + 162 + 181$
$679 := 5^2 + 5^2 + 11^2 + 22^2 + 24^1 = 52 + 52 + 112 + 222 + 241$	$679 := 6^2 + 6^2 + 10^2 + 22^2 + 23^1 = 62 + 62 + 102 + 222 + 231$
$679 := 5^2 + 6^2 + 14^2 + 20^2 + 22^1 = 52 + 62 + 142 + 202 + 221$	$679 := 6^2 + 6^2 + 12^2 + 21^2 + 22^1 = 62 + 62 + 122 + 212 + 221$
$679 := 5^2 + 6^2 + 8^2 + 23^2 + 25^1 = 52 + 62 + 82 + 232 + 251$	$679 := 6^2 + 6^2 + 15^2 + 19^2 + 21^1 = 62 + 62 + 152 + 192 + 211$
$679 := 5^2 + 8^2 + 13^2 + 20^2 + 21^1 = 52 + 82 + 132 + 202 + 211$	$679 := 6^2 + 9^2 + 10^2 + 21^1 + 21^2 = 62 + 92 + 102 + 211 + 212$
$679 := 5^3 + 6^1 + 9^2 + 21^2 + 26^1 = 53 + 61 + 92 + 212 + 261$	$679 := 6^3 + 6^3 + 15^2 + 19^0 + 21^1 = 63 + 63 + 152 + 190 + 211$
$679 := 5^3 + 6^2 + 10^1 + 22^2 + 24^1 = 53 + 62 + 101 + 222 + 241$	$679 := 6^3 + 7^3 + 10^2 + 19^1 + 25^0 = 63 + 73 + 102 + 191 + 250$
$679 := 5^3 + 6^2 + 11^1 + 22^2 + 23^1 = 53 + 62 + 111 + 222 + 231$	$679 := 7^2 + 10^2 + 16^2 + 16^2 + 18^1 = 72 + 102 + 162 + 162 + 181$
$679 := 5^3 + 6^2 + 12^1 + 22^1 + 22^2 = 53 + 62 + 121 + 221 + 222$	$679 := 7^2 + 12^2 + 12^2 + 18^1 + 18^2 = 72 + 122 + 122 + 181 + 182$
$679 := 5^3 + 6^2 + 13^1 + 21^1 + 22^2 = 53 + 62 + 131 + 211 + 222$	$679 := 7^2 + 9^2 + 13^2 + 19^1 + 19^2 = 72 + 92 + 132 + 191 + 192$
$679 := 5^3 + 6^2 + 14^1 + 20^1 + 22^2 = 53 + 62 + 141 + 201 + 222$	$679 := 9^2 + 10^2 + 15^2 + 16^2 + 17^1 = 92 + 102 + 152 + 162 + 171$
$679 := 5^3 + 6^2 + 15^1 + 19^1 + 22^2 = 53 + 62 + 151 + 191 + 222$	

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$680 := 1^5 + 5^4 + 8^0 + 53^1 = 15 + 54 + 80 + 531$	$680 := 1^0 + 1^8 + 13^0 + 26^0 + 26^2 = 10 + 18 + 130 + 260 + 262$
$680 := 1^7 + 2^1 + 26^2 + 38^0 = 17 + 21 + 262 + 380$	$680 := 1^0 + 1^8 + 14^0 + 25^0 + 26^2 = 10 + 18 + 140 + 250 + 262$
$680 := 2^5 + 5^4 + 22^1 + 38^0 = 25 + 54 + 221 + 380$	$680 := 1^0 + 1^8 + 15^0 + 24^0 + 26^2 = 10 + 18 + 150 + 240 + 262$
$680 := 2^7 + 20^0 + 22^1 + 23^2 = 27 + 200 + 221 + 232$	$680 := 1^0 + 1^8 + 16^0 + 23^0 + 26^2 = 10 + 18 + 160 + 230 + 262$
$680 := 3^3 + 3^3 + 5^4 + 56^0 = 33 + 33 + 54 + 560$	$680 := 1^0 + 1^8 + 17^0 + 22^0 + 26^2 = 10 + 18 + 170 + 220 + 262$
$680 := 1^0 + 1^8 + 12^0 + 26^2 + 27^0 = 10 + 18 + 120 + 262 + 270$	$680 := 1^0 + 1^8 + 18^0 + 21^0 + 26^2 = 10 + 18 + 180 + 210 + 262$

$$\begin{aligned} 680 &:= 1^0 + 1^8 + 19^0 + 20^0 + 26^2 = 10 + 18 + 190 + 200 + 262 \\ 680 &:= 1^0 + 2^7 + 20^0 + 21^1 + 23^2 = 10 + 27 + 200 + 211 + 232 \\ 680 &:= 1^1 + 1^7 + 12^0 + 26^2 + 27^0 = 11 + 17 + 120 + 262 + 270 \\ 680 &:= 1^1 + 1^7 + 13^0 + 26^0 + 26^2 = 11 + 17 + 130 + 260 + 262 \\ 680 &:= 1^1 + 1^7 + 14^0 + 25^0 + 26^2 = 11 + 17 + 140 + 250 + 262 \\ 680 &:= 1^1 + 1^7 + 15^0 + 24^0 + 26^2 = 11 + 17 + 150 + 240 + 262 \\ 680 &:= 1^1 + 1^7 + 16^0 + 23^0 + 26^2 = 11 + 17 + 160 + 230 + 262 \\ 680 &:= 1^1 + 1^7 + 17^0 + 22^0 + 26^2 = 11 + 17 + 170 + 220 + 262 \\ 680 &:= 1^1 + 1^7 + 18^0 + 21^0 + 26^2 = 11 + 17 + 180 + 210 + 262 \\ 680 &:= 1^1 + 1^7 + 19^0 + 20^0 + 26^2 = 11 + 17 + 190 + 200 + 262 \\ 680 &:= 1^2 + 1^6 + 12^0 + 26^2 + 27^0 = 12 + 16 + 120 + 262 + 270 \\ 680 &:= 1^2 + 1^6 + 13^0 + 26^0 + 26^2 = 12 + 16 + 130 + 260 + 262 \\ 680 &:= 1^2 + 1^6 + 14^0 + 25^0 + 26^2 = 12 + 16 + 140 + 250 + 262 \\ 680 &:= 1^2 + 1^6 + 15^0 + 24^0 + 26^2 = 12 + 16 + 150 + 240 + 262 \\ 680 &:= 1^2 + 1^6 + 16^0 + 23^0 + 26^2 = 12 + 16 + 160 + 230 + 262 \\ 680 &:= 1^2 + 1^6 + 17^0 + 22^0 + 26^2 = 12 + 16 + 170 + 220 + 262 \\ 680 &:= 1^2 + 1^6 + 18^0 + 21^0 + 26^2 = 12 + 16 + 180 + 210 + 262 \\ 680 &:= 1^2 + 1^6 + 19^0 + 20^0 + 26^2 = 12 + 16 + 190 + 200 + 262 \\ 680 &:= 1^2 + 2^5 + 18^0 + 21^1 + 25^2 = 12 + 25 + 180 + 211 + 252 \\ 680 &:= 1^3 + 1^5 + 12^0 + 26^2 + 27^0 = 13 + 15 + 120 + 262 + 270 \\ 680 &:= 1^3 + 1^5 + 13^0 + 26^0 + 26^2 = 13 + 15 + 130 + 260 + 262 \\ 680 &:= 1^3 + 1^5 + 14^0 + 25^0 + 26^2 = 13 + 15 + 140 + 250 + 262 \\ 680 &:= 1^3 + 1^5 + 15^0 + 24^0 + 26^2 = 13 + 15 + 150 + 240 + 262 \\ 680 &:= 1^3 + 1^5 + 16^0 + 23^0 + 26^2 = 13 + 15 + 160 + 230 + 262 \\ 680 &:= 1^3 + 1^5 + 17^0 + 22^0 + 26^2 = 13 + 15 + 170 + 220 + 262 \\ 680 &:= 1^3 + 1^5 + 18^0 + 21^0 + 26^2 = 13 + 15 + 180 + 210 + 262 \\ 680 &:= 1^3 + 1^5 + 19^0 + 20^0 + 26^2 = 13 + 15 + 190 + 200 + 262 \\ 680 &:= 1^3 + 3^4 + 18^0 + 21^1 + 24^2 = 13 + 34 + 180 + 211 + 242 \\ 680 &:= 1^3 + 4^4 + 20^0 + 20^2 + 22^1 = 13 + 44 + 200 + 202 + 221 \\ 680 &:= 1^4 + 1^4 + 12^0 + 26^2 + 27^0 = 14 + 14 + 120 + 262 + 270 \\ 680 &:= 1^4 + 1^4 + 13^0 + 26^0 + 26^2 = 14 + 14 + 130 + 260 + 262 \\ 680 &:= 1^4 + 1^4 + 14^0 + 25^0 + 26^2 = 14 + 14 + 140 + 250 + 262 \\ 680 &:= 1^4 + 1^4 + 15^0 + 24^0 + 26^2 = 14 + 14 + 150 + 240 + 262 \\ 680 &:= 1^4 + 1^4 + 16^0 + 23^0 + 26^2 = 14 + 14 + 160 + 230 + 262 \\ 680 &:= 1^4 + 1^4 + 17^0 + 22^0 + 26^2 = 14 + 14 + 170 + 220 + 262 \\ 680 &:= 1^4 + 1^4 + 18^0 + 21^0 + 26^2 = 14 + 14 + 180 + 210 + 262 \\ 680 &:= 1^4 + 1^4 + 19^0 + 20^0 + 26^2 = 14 + 14 + 190 + 200 + 262 \\ 680 &:= 1^4 + 10^2 + 17^2 + 17^2 + 22^0 = 14 + 102 + 172 + 172 + 220 \end{aligned}$$

$$\begin{aligned} 680 &:= 1^4 + 11^2 + 14^2 + 19^2 + 22^0 = 14 + 112 + 142 + 192 + 220 \\ 680 &:= 1^4 + 3^3 + 12^0 + 25^2 + 26^1 = 14 + 33 + 120 + 252 + 261 \\ 680 &:= 1^4 + 5^2 + 13^2 + 22^2 + 26^0 = 14 + 52 + 132 + 222 + 260 \\ 680 &:= 1^4 + 5^3 + 14^0 + 23^2 + 24^1 = 14 + 53 + 140 + 232 + 241 \\ 680 &:= 1^4 + 5^4 + 8^0 + 26^1 + 27^1 = 14 + 54 + 80 + 261 + 271 \\ 680 &:= 1^4 + 6^3 + 18^0 + 21^1 + 21^2 = 14 + 63 + 180 + 211 + 212 \\ 680 &:= 1^4 + 7^2 + 10^2 + 23^2 + 26^0 = 14 + 72 + 102 + 232 + 260 \\ 680 &:= 1^4 + 8^3 + 12^2 + 22^1 + 24^0 = 14 + 83 + 122 + 221 + 240 \\ 680 &:= 1^5 + 12^1 + 15^2 + 18^0 + 21^2 = 15 + 121 + 152 + 180 + 212 \\ 680 &:= 1^5 + 5^1 + 12^2 + 23^2 + 26^0 = 15 + 51 + 122 + 232 + 260 \\ 680 &:= 1^5 + 6^0 + 13^2 + 22^2 + 25^1 = 15 + 60 + 132 + 222 + 251 \\ 680 &:= 1^5 + 6^2 + 17^1 + 18^0 + 25^2 = 15 + 62 + 171 + 180 + 252 \\ 680 &:= 1^5 + 8^0 + 16^2 + 20^2 + 22^1 = 15 + 80 + 162 + 202 + 221 \\ 680 &:= 1^5 + 9^2 + 12^0 + 21^1 + 24^2 = 15 + 92 + 120 + 211 + 242 \\ 680 &:= 1^8 + 10^0 + 10^0 + 20^0 + 26^2 = 18 + 100 + 100 + 200 + 262 \\ 680 &:= 1^8 + 10^0 + 11^0 + 19^0 + 26^2 = 18 + 100 + 110 + 190 + 262 \\ 680 &:= 1^8 + 10^0 + 12^0 + 18^0 + 26^2 = 18 + 100 + 120 + 180 + 262 \\ 680 &:= 1^8 + 10^0 + 13^0 + 17^0 + 26^2 = 18 + 100 + 130 + 170 + 262 \\ 680 &:= 1^8 + 10^0 + 14^0 + 16^0 + 26^2 = 18 + 100 + 140 + 160 + 262 \\ 680 &:= 1^8 + 10^0 + 15^0 + 15^0 + 26^2 = 18 + 100 + 150 + 150 + 262 \\ 680 &:= 1^8 + 11^0 + 11^0 + 18^0 + 26^2 = 18 + 110 + 110 + 180 + 262 \\ 680 &:= 1^8 + 11^0 + 12^0 + 17^0 + 26^2 = 18 + 110 + 120 + 170 + 262 \\ 680 &:= 1^8 + 11^0 + 13^0 + 16^0 + 26^2 = 18 + 110 + 130 + 160 + 262 \\ 680 &:= 1^8 + 11^0 + 14^0 + 15^0 + 26^2 = 18 + 110 + 140 + 150 + 262 \\ 680 &:= 1^8 + 12^0 + 12^0 + 16^0 + 26^2 = 18 + 120 + 120 + 160 + 262 \\ 680 &:= 1^8 + 12^0 + 13^0 + 15^0 + 26^2 = 18 + 120 + 130 + 150 + 262 \\ 680 &:= 1^8 + 12^0 + 14^0 + 14^0 + 26^2 = 18 + 120 + 140 + 140 + 262 \\ 680 &:= 1^8 + 13^0 + 13^0 + 14^0 + 26^2 = 18 + 130 + 130 + 140 + 262 \\ 680 &:= 1^8 + 2^0 + 11^0 + 26^2 + 27^0 = 18 + 20 + 110 + 262 + 270 \\ 680 &:= 1^8 + 2^0 + 12^0 + 26^0 + 26^2 = 18 + 20 + 120 + 260 + 262 \\ 680 &:= 1^8 + 2^0 + 13^0 + 25^0 + 26^2 = 18 + 20 + 130 + 250 + 262 \\ 680 &:= 1^8 + 2^0 + 14^0 + 24^0 + 26^2 = 18 + 20 + 140 + 240 + 262 \\ 680 &:= 1^8 + 2^0 + 15^0 + 23^0 + 26^2 = 18 + 20 + 150 + 230 + 262 \\ 680 &:= 1^8 + 2^0 + 16^0 + 22^0 + 26^2 = 18 + 20 + 160 + 220 + 262 \\ 680 &:= 1^8 + 2^0 + 17^0 + 21^0 + 26^2 = 18 + 20 + 170 + 210 + 262 \\ 680 &:= 1^8 + 2^0 + 18^0 + 20^0 + 26^2 = 18 + 20 + 180 + 200 + 262 \\ 680 &:= 1^8 + 2^0 + 19^0 + 19^0 + 26^2 = 18 + 20 + 190 + 190 + 262 \\ 680 &:= 1^8 + 3^0 + 10^0 + 26^2 + 27^0 = 18 + 30 + 100 + 262 + 270 \end{aligned}$$

$$\begin{aligned} 680 &:= 1^8 + 3^0 + 11^0 + 26^0 + 26^2 = 18 + 30 + 110 + 260 + 262 \\ 680 &:= 1^8 + 3^0 + 12^0 + 25^0 + 26^2 = 18 + 30 + 120 + 250 + 262 \\ 680 &:= 1^8 + 3^0 + 13^0 + 24^0 + 26^2 = 18 + 30 + 130 + 240 + 262 \\ 680 &:= 1^8 + 3^0 + 14^0 + 23^0 + 26^2 = 18 + 30 + 140 + 230 + 262 \\ 680 &:= 1^8 + 3^0 + 15^0 + 22^0 + 26^2 = 18 + 30 + 150 + 220 + 262 \\ 680 &:= 1^8 + 3^0 + 16^0 + 21^0 + 26^2 = 18 + 30 + 160 + 210 + 262 \\ 680 &:= 1^8 + 3^0 + 17^0 + 20^0 + 26^2 = 18 + 30 + 170 + 200 + 262 \\ 680 &:= 1^8 + 3^0 + 18^0 + 19^0 + 26^2 = 18 + 30 + 180 + 190 + 262 \\ 680 &:= 1^8 + 4^0 + 10^0 + 26^0 + 26^2 = 18 + 40 + 100 + 260 + 262 \\ 680 &:= 1^8 + 4^0 + 11^0 + 25^0 + 26^2 = 18 + 40 + 110 + 250 + 262 \\ 680 &:= 1^8 + 4^0 + 12^0 + 24^0 + 26^2 = 18 + 40 + 120 + 240 + 262 \\ 680 &:= 1^8 + 4^0 + 13^0 + 23^0 + 26^2 = 18 + 40 + 130 + 230 + 262 \\ 680 &:= 1^8 + 4^0 + 14^0 + 22^0 + 26^2 = 18 + 40 + 140 + 220 + 262 \\ 680 &:= 1^8 + 4^0 + 15^0 + 21^0 + 26^2 = 18 + 40 + 150 + 210 + 262 \\ 680 &:= 1^8 + 4^0 + 16^0 + 20^0 + 26^2 = 18 + 40 + 160 + 200 + 262 \\ 680 &:= 1^8 + 4^0 + 17^0 + 19^0 + 26^2 = 18 + 40 + 170 + 190 + 262 \\ 680 &:= 1^8 + 4^0 + 18^0 + 18^0 + 26^2 = 18 + 40 + 180 + 180 + 262 \\ 680 &:= 1^8 + 4^0 + 9^0 + 26^2 + 27^0 = 18 + 40 + 90 + 262 + 270 \\ 680 &:= 1^8 + 5^0 + 10^0 + 25^0 + 26^2 = 18 + 50 + 100 + 250 + 262 \\ 680 &:= 1^8 + 5^0 + 11^0 + 24^0 + 26^2 = 18 + 50 + 110 + 240 + 262 \\ 680 &:= 1^8 + 5^0 + 12^0 + 23^0 + 26^2 = 18 + 50 + 120 + 230 + 262 \\ 680 &:= 1^8 + 5^0 + 13^0 + 22^0 + 26^2 = 18 + 50 + 130 + 220 + 262 \\ 680 &:= 1^8 + 5^0 + 14^0 + 21^0 + 26^2 = 18 + 50 + 140 + 210 + 262 \\ 680 &:= 1^8 + 5^0 + 15^0 + 20^0 + 26^2 = 18 + 50 + 150 + 200 + 262 \\ 680 &:= 1^8 + 5^0 + 16^0 + 19^0 + 26^2 = 18 + 50 + 160 + 190 + 262 \\ 680 &:= 1^8 + 5^0 + 17^0 + 18^0 + 26^2 = 18 + 50 + 170 + 180 + 262 \\ 680 &:= 1^8 + 5^0 + 8^0 + 26^2 + 27^0 = 18 + 50 + 80 + 262 + 270 \\ 680 &:= 1^8 + 5^0 + 9^0 + 26^0 + 26^2 = 18 + 50 + 90 + 260 + 262 \\ 680 &:= 1^8 + 6^0 + 10^0 + 24^0 + 26^2 = 18 + 60 + 100 + 240 + 262 \\ 680 &:= 1^8 + 6^0 + 11^0 + 23^0 + 26^2 = 18 + 60 + 110 + 230 + 262 \\ 680 &:= 1^8 + 6^0 + 12^0 + 22^0 + 26^2 = 18 + 60 + 120 + 220 + 262 \\ 680 &:= 1^8 + 6^0 + 13^0 + 21^0 + 26^2 = 18 + 60 + 130 + 210 + 262 \\ 680 &:= 1^8 + 6^0 + 14^0 + 20^0 + 26^2 = 18 + 60 + 140 + 200 + 262 \\ 680 &:= 1^8 + 6^0 + 15^0 + 19^0 + 26^2 = 18 + 60 + 150 + 190 + 262 \\ 680 &:= 1^8 + 6^0 + 16^0 + 18^0 + 26^2 = 18 + 60 + 160 + 180 + 262 \\ 680 &:= 1^8 + 6^0 + 17^0 + 17^0 + 26^2 = 18 + 60 + 170 + 170 + 262 \\ 680 &:= 1^8 + 6^0 + 7^0 + 26^2 + 27^0 = 18 + 60 + 70 + 262 + 270 \\ 680 &:= 1^8 + 6^0 + 8^0 + 26^0 + 26^2 = 18 + 60 + 80 + 260 + 262 \end{aligned}$$

$$\begin{aligned} 680 &:= 1^8 + 6^0 + 9^0 + 25^0 + 26^2 = 18 + 60 + 90 + 250 + 262 \\ 680 &:= 1^8 + 7^0 + 10^0 + 23^0 + 26^2 = 18 + 70 + 100 + 230 + 262 \\ 680 &:= 1^8 + 7^0 + 11^0 + 22^0 + 26^2 = 18 + 70 + 110 + 220 + 262 \\ 680 &:= 1^8 + 7^0 + 12^0 + 21^0 + 26^2 = 18 + 70 + 120 + 210 + 262 \\ 680 &:= 1^8 + 7^0 + 13^0 + 20^0 + 26^2 = 18 + 70 + 130 + 200 + 262 \\ 680 &:= 1^8 + 7^0 + 14^0 + 19^0 + 26^2 = 18 + 70 + 140 + 190 + 262 \\ 680 &:= 1^8 + 7^0 + 15^0 + 18^0 + 26^2 = 18 + 70 + 150 + 180 + 262 \\ 680 &:= 1^8 + 7^0 + 16^0 + 17^0 + 26^2 = 18 + 70 + 160 + 170 + 262 \\ 680 &:= 1^8 + 7^0 + 7^0 + 26^0 + 26^2 = 18 + 70 + 70 + 260 + 262 \\ 680 &:= 1^8 + 7^0 + 8^0 + 25^0 + 26^2 = 18 + 70 + 80 + 250 + 262 \\ 680 &:= 1^8 + 7^0 + 9^0 + 24^0 + 26^2 = 18 + 70 + 90 + 240 + 262 \\ 680 &:= 1^8 + 8^0 + 10^0 + 22^0 + 26^2 = 18 + 80 + 100 + 220 + 262 \\ 680 &:= 1^8 + 8^0 + 11^0 + 21^0 + 26^2 = 18 + 80 + 110 + 210 + 262 \\ 680 &:= 1^8 + 8^0 + 12^0 + 20^0 + 26^2 = 18 + 80 + 120 + 200 + 262 \\ 680 &:= 1^8 + 8^0 + 13^0 + 19^0 + 26^2 = 18 + 80 + 130 + 190 + 262 \\ 680 &:= 1^8 + 8^0 + 14^0 + 18^0 + 26^2 = 18 + 80 + 140 + 180 + 262 \\ 680 &:= 1^8 + 8^0 + 15^0 + 17^0 + 26^2 = 18 + 80 + 150 + 170 + 262 \\ 680 &:= 1^8 + 8^0 + 16^0 + 16^0 + 26^2 = 18 + 80 + 160 + 160 + 262 \\ 680 &:= 1^8 + 8^0 + 8^0 + 24^0 + 26^2 = 18 + 80 + 80 + 240 + 262 \\ 680 &:= 1^8 + 8^0 + 9^0 + 23^0 + 26^2 = 18 + 80 + 90 + 230 + 262 \\ 680 &:= 1^8 + 9^0 + 10^0 + 21^0 + 26^2 = 18 + 90 + 100 + 210 + 262 \\ 680 &:= 1^8 + 9^0 + 11^0 + 20^0 + 26^2 = 18 + 90 + 110 + 200 + 262 \\ 680 &:= 1^8 + 9^0 + 12^0 + 19^0 + 26^2 = 18 + 90 + 120 + 190 + 262 \\ 680 &:= 1^8 + 9^0 + 13^0 + 18^0 + 26^2 = 18 + 90 + 130 + 180 + 262 \\ 680 &:= 1^8 + 9^0 + 14^0 + 17^0 + 26^2 = 18 + 90 + 140 + 170 + 262 \\ 680 &:= 1^8 + 9^0 + 15^0 + 16^0 + 26^2 = 18 + 90 + 150 + 160 + 262 \\ 680 &:= 1^8 + 9^0 + 9^0 + 22^0 + 26^2 = 18 + 90 + 90 + 220 + 262 \\ 680 &:= 1^9 + 1^9 + 11^0 + 26^2 + 27^0 = 19 + 19 + 110 + 262 + 270 \\ 680 &:= 1^9 + 1^9 + 12^0 + 26^0 + 26^2 = 19 + 19 + 120 + 260 + 262 \\ 680 &:= 1^9 + 1^9 + 13^0 + 25^0 + 26^2 = 19 + 19 + 130 + 250 + 262 \\ 680 &:= 1^9 + 1^9 + 14^0 + 24^0 + 26^2 = 19 + 19 + 140 + 240 + 262 \\ 680 &:= 1^9 + 1^9 + 15^0 + 23^0 + 26^2 = 19 + 19 + 150 + 230 + 262 \\ 680 &:= 1^9 + 1^9 + 16^0 + 22^0 + 26^2 = 19 + 19 + 160 + 220 + 262 \\ 680 &:= 1^9 + 1^9 + 17^0 + 21^0 + 26^2 = 19 + 19 + 170 + 210 + 262 \\ 680 &:= 1^9 + 1^9 + 18^0 + 20^0 + 26^2 = 19 + 19 + 180 + 200 + 262 \\ 680 &:= 1^9 + 1^9 + 19^0 + 19^0 + 26^2 = 19 + 19 + 190 + 190 + 262 \\ 680 &:= 1^9 + 2^8 + 20^2 + 21^0 + 22^1 = 19 + 28 + 202 + 210 + 221 \\ 680 &:= 2^0 + 2^6 + 12^1 + 24^2 + 27^1 = 20 + 26 + 121 + 242 + 271 \end{aligned}$$

$680 := 2^0 + 2^6 + 13^1 + 24^2 + 26^1 = 20 + 26 + 131 + 242 + 261$	$680 := 2^5 + 5^4 + 16^0 + 21^1 + 23^0 = 25 + 54 + 160 + 211 + 230$
$680 := 2^0 + 2^6 + 14^1 + 24^2 + 25^1 = 20 + 26 + 141 + 242 + 251$	$680 := 2^5 + 5^4 + 17^0 + 21^1 + 22^0 = 25 + 54 + 170 + 211 + 220$
$680 := 2^0 + 2^6 + 15^1 + 24^1 + 24^2 = 20 + 26 + 151 + 241 + 242$	$680 := 2^5 + 5^4 + 18^0 + 21^0 + 21^1 = 25 + 54 + 180 + 210 + 211$
$680 := 2^0 + 2^6 + 16^1 + 23^1 + 24^2 = 20 + 26 + 161 + 231 + 242$	$680 := 2^5 + 5^4 + 19^0 + 20^0 + 21^1 = 25 + 54 + 190 + 200 + 211$
$680 := 2^0 + 2^6 + 17^1 + 22^1 + 24^2 = 20 + 26 + 171 + 221 + 242$	$680 := 2^5 + 7^1 + 8^2 + 24^2 + 26^0 = 25 + 71 + 82 + 242 + 260$
$680 := 2^0 + 2^6 + 18^1 + 21^1 + 24^2 = 20 + 26 + 181 + 211 + 242$	$680 := 2^5 + 7^2 + 12^0 + 22^1 + 24^2 = 25 + 72 + 120 + 221 + 242$
$680 := 2^0 + 2^6 + 19^1 + 20^1 + 24^2 = 20 + 26 + 191 + 201 + 242$	$680 := 2^5 + 8^0 + 15^2 + 20^2 + 22^1 = 25 + 80 + 152 + 202 + 221$
$680 := 2^0 + 2^7 + 19^0 + 21^1 + 23^2 = 20 + 27 + 190 + 211 + 232$	$680 := 2^7 + 10^0 + 11^0 + 21^1 + 23^2 = 27 + 100 + 110 + 211 + 232$
$680 := 2^2 + 2^5 + 18^1 + 20^0 + 25^2 = 22 + 25 + 181 + 200 + 252$	$680 := 2^7 + 3^0 + 18^0 + 21^1 + 23^2 = 27 + 30 + 180 + 211 + 232$
$680 := 2^3 + 3^4 + 14^1 + 24^0 + 24^2 = 23 + 34 + 141 + 240 + 242$	$680 := 2^7 + 4^0 + 17^0 + 21^1 + 23^2 = 27 + 40 + 170 + 211 + 232$
$680 := 2^3 + 4^4 + 15^1 + 20^2 + 26^0 = 23 + 44 + 151 + 202 + 260$	$680 := 2^7 + 5^0 + 16^0 + 21^1 + 23^2 = 27 + 50 + 160 + 211 + 232$
$680 := 2^4 + 3^3 + 11^1 + 25^2 + 26^0 = 24 + 33 + 111 + 252 + 260$	$680 := 2^7 + 6^0 + 15^0 + 21^1 + 23^2 = 27 + 60 + 150 + 211 + 232$
$680 := 2^4 + 4^3 + 14^0 + 23^1 + 24^2 = 24 + 43 + 140 + 231 + 242$	$680 := 2^7 + 7^0 + 14^0 + 21^1 + 23^2 = 27 + 70 + 140 + 211 + 232$
$680 := 2^4 + 5^4 + 11^1 + 22^0 + 27^1 = 24 + 54 + 111 + 220 + 271$	$680 := 2^7 + 8^0 + 13^0 + 21^1 + 23^2 = 27 + 80 + 130 + 211 + 232$
$680 := 2^4 + 5^4 + 12^1 + 22^0 + 26^1 = 24 + 54 + 121 + 220 + 261$	$680 := 2^7 + 9^0 + 12^0 + 21^1 + 23^2 = 27 + 90 + 120 + 211 + 232$
$680 := 2^4 + 5^4 + 13^1 + 22^0 + 25^1 = 24 + 54 + 131 + 220 + 251$	$680 := 3^2 + 3^5 + 14^0 + 20^2 + 27^1 = 32 + 35 + 140 + 202 + 271$
$680 := 2^4 + 5^4 + 14^1 + 22^0 + 24^1 = 24 + 54 + 141 + 220 + 241$	$680 := 3^3 + 3^3 + 15^2 + 20^2 + 26^0 = 33 + 33 + 152 + 202 + 260$
$680 := 2^4 + 5^4 + 15^1 + 22^0 + 23^1 = 24 + 54 + 151 + 220 + 231$	$680 := 3^4 + 6^2 + 11^2 + 21^2 + 26^0 = 34 + 62 + 112 + 212 + 260$
$680 := 2^4 + 5^4 + 16^1 + 22^0 + 22^1 = 24 + 54 + 161 + 220 + 221$	$680 := 3^4 + 6^3 + 18^0 + 19^2 + 21^1 = 34 + 63 + 180 + 192 + 211$
$680 := 2^4 + 5^4 + 17^1 + 21^1 + 22^0 = 24 + 54 + 171 + 211 + 220$	$680 := 3^4 + 7^2 + 15^2 + 18^2 + 24^0 = 34 + 72 + 152 + 182 + 240$
$680 := 2^4 + 5^4 + 18^1 + 20^1 + 22^0 = 24 + 54 + 181 + 201 + 220$	$680 := 3^4 + 8^2 + 8^3 + 22^1 + 26^0 = 34 + 82 + 83 + 221 + 260$
$680 := 2^4 + 5^4 + 19^1 + 19^1 + 22^0 = 24 + 54 + 191 + 191 + 220$	$680 := 3^5 + 10^0 + 11^2 + 17^2 + 26^1 = 35 + 100 + 112 + 172 + 261$
$680 := 2^5 + 10^1 + 14^2 + 20^0 + 21^2 = 25 + 101 + 142 + 200 + 212$	$680 := 3^5 + 10^2 + 12^1 + 18^2 + 24^0 = 35 + 102 + 121 + 182 + 240$
$680 := 2^5 + 10^2 + 14^0 + 18^1 + 23^2 = 25 + 102 + 140 + 181 + 232$	$680 := 3^5 + 11^1 + 13^2 + 16^2 + 24^0 = 35 + 111 + 132 + 162 + 240$
$680 := 2^5 + 12^0 + 12^2 + 19^1 + 22^2 = 25 + 120 + 122 + 191 + 222$	$680 := 3^5 + 14^2 + 15^1 + 15^2 + 20^0 = 35 + 142 + 151 + 152 + 200$
$680 := 2^5 + 3^2 + 13^1 + 24^0 + 25^2 = 25 + 32 + 131 + 240 + 252$	$680 := 3^5 + 4^2 + 20^0 + 20^1 + 20^2 = 35 + 42 + 200 + 201 + 202$
$680 := 2^5 + 5^4 + 12^0 + 21^1 + 27^0 = 25 + 54 + 120 + 211 + 270$	$680 := 3^5 + 7^2 + 12^0 + 19^2 + 26^1 = 35 + 72 + 120 + 192 + 261$
$680 := 2^5 + 5^4 + 13^0 + 21^1 + 26^0 = 25 + 54 + 130 + 211 + 260$	$680 := 3^5 + 8^2 + 11^1 + 19^2 + 26^0 = 35 + 82 + 111 + 192 + 260$
$680 := 2^5 + 5^4 + 14^0 + 21^1 + 25^0 = 25 + 54 + 140 + 211 + 250$	
$680 := 2^5 + 5^4 + 15^0 + 21^1 + 24^0 = 25 + 54 + 150 + 211 + 240$	

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$681 := 1^2 + 2^6 + 24^2 + 40^1 = 12 + 26 + 242 + 401$	$681 := 2^6 + 10^2 + 22^2 + 33^1 = 26 + 102 + 222 + 331$
$681 := 1^4 + 2^4 + 25^2 + 39^1 = 14 + 24 + 252 + 391$	$681 := 2^6 + 12^2 + 21^2 + 32^1 = 26 + 122 + 212 + 321$
$681 := 1^5 + 8^3 + 11^2 + 47^1 = 15 + 83 + 112 + 471$	$681 := 2^6 + 15^2 + 19^2 + 31^1 = 26 + 152 + 192 + 311$
$681 := 1^6 + 17^2 + 19^2 + 30^1 = 16 + 172 + 192 + 301$	$681 := 2^6 + 6^3 + 20^2 + 39^0 = 26 + 63 + 202 + 390$
$681 := 1^6 + 5^4 + 7^0 + 54^1 = 16 + 54 + 70 + 541$	$681 := 2^7 + 8^3 + 17^0 + 40^1 = 27 + 83 + 170 + 401$
$681 := 1^8 + 3^1 + 26^2 + 37^0 = 18 + 31 + 262 + 370$	$681 := 2^8 + 20^2 + 21^0 + 24^1 = 28 + 202 + 210 + 241$

$$\begin{aligned} 681 &:= 3^4 + 4^4 + 7^3 + 53^0 &= 34 + 44 + 73 + 530 & 681 &:= 1^5 + 3^1 + 17^2 + 19^2 + 27^1 &= 15 + 31 + 172 + 192 + 271 \\ 681 &:= 4^4 + 4^4 + 11^2 + 48^1 &= 44 + 44 + 112 + 481 & 681 &:= 1^5 + 3^3 + 11^0 + 25^2 + 27^1 &= 15 + 33 + 110 + 252 + 271 \\ 681 &:= 1^0 + 2^8 + 20^2 + 21^0 + 23^1 &= 10 + 28 + 202 + 210 + 231 & 681 &:= 1^5 + 4^1 + 17^2 + 19^2 + 26^1 &= 15 + 41 + 172 + 192 + 261 \\ 681 &:= 1^1 + 2^6 + 13^1 + 24^2 + 27^1 &= 11 + 26 + 131 + 242 + 271 & 681 &:= 1^5 + 5^1 + 17^2 + 19^2 + 25^1 &= 15 + 51 + 172 + 192 + 251 \\ 681 &:= 1^1 + 2^6 + 14^1 + 24^2 + 26^1 &= 11 + 26 + 141 + 242 + 261 & 681 &:= 1^5 + 5^3 + 13^0 + 23^2 + 25^1 &= 15 + 53 + 130 + 232 + 251 \\ 681 &:= 1^1 + 2^6 + 15^1 + 24^2 + 25^1 &= 11 + 26 + 151 + 242 + 251 & 681 &:= 1^5 + 5^4 + 7^0 + 27^1 + 27^1 &= 15 + 54 + 70 + 271 + 271 \\ 681 &:= 1^1 + 2^6 + 16^1 + 24^1 + 24^2 &= 11 + 26 + 161 + 241 + 242 & 681 &:= 1^5 + 6^1 + 17^2 + 19^2 + 24^1 &= 15 + 61 + 172 + 192 + 241 \\ 681 &:= 1^1 + 2^6 + 17^1 + 23^1 + 24^2 &= 11 + 26 + 171 + 231 + 242 & 681 &:= 1^5 + 6^3 + 17^0 + 21^2 + 22^1 &= 15 + 63 + 170 + 212 + 221 \\ 681 &:= 1^1 + 2^6 + 18^1 + 22^1 + 24^2 &= 11 + 26 + 181 + 221 + 242 & 681 &:= 1^5 + 7^1 + 17^2 + 19^2 + 23^1 &= 15 + 71 + 172 + 192 + 231 \\ 681 &:= 1^1 + 2^6 + 19^1 + 21^1 + 24^2 &= 11 + 26 + 191 + 211 + 242 & 681 &:= 1^5 + 8^1 + 17^2 + 19^2 + 22^1 &= 15 + 81 + 172 + 192 + 221 \\ 681 &:= 1^1 + 2^6 + 20^1 + 20^1 + 24^2 &= 11 + 26 + 201 + 201 + 242 & 681 &:= 1^5 + 8^3 + 12^2 + 23^0 + 23^1 &= 15 + 83 + 122 + 230 + 231 \\ 681 &:= 1^1 + 2^7 + 19^0 + 22^1 + 23^2 &= 11 + 27 + 190 + 221 + 232 & 681 &:= 1^5 + 9^1 + 17^2 + 19^2 + 21^1 &= 15 + 91 + 172 + 192 + 211 \\ 681 &:= 1^3 + 2^4 + 12^1 + 25^2 + 27^1 &= 13 + 24 + 121 + 252 + 271 & 681 &:= 1^6 + 13^1 + 15^2 + 17^0 + 21^2 &= 16 + 131 + 152 + 170 + 212 \\ 681 &:= 1^3 + 2^4 + 13^1 + 25^2 + 26^1 &= 13 + 24 + 131 + 252 + 261 & 681 &:= 1^6 + 5^0 + 13^2 + 22^2 + 26^1 &= 16 + 50 + 132 + 222 + 261 \\ 681 &:= 1^3 + 2^4 + 14^1 + 25^1 + 25^2 &= 13 + 24 + 141 + 251 + 252 & 681 &:= 1^6 + 6^1 + 12^2 + 23^2 + 25^0 &= 16 + 61 + 122 + 232 + 250 \\ 681 &:= 1^3 + 2^4 + 15^1 + 24^1 + 25^2 &= 13 + 24 + 151 + 241 + 252 & 681 &:= 1^6 + 6^2 + 17^0 + 18^1 + 25^2 &= 16 + 62 + 170 + 181 + 252 \\ 681 &:= 1^3 + 2^4 + 16^1 + 23^1 + 25^2 &= 13 + 24 + 161 + 231 + 252 & 681 &:= 1^6 + 7^0 + 16^2 + 20^2 + 23^1 &= 16 + 70 + 162 + 202 + 231 \\ 681 &:= 1^3 + 2^4 + 17^1 + 22^1 + 25^2 &= 13 + 24 + 171 + 221 + 252 & 681 &:= 1^6 + 9^2 + 11^0 + 22^1 + 24^2 &= 16 + 92 + 110 + 221 + 242 \\ 681 &:= 1^3 + 2^4 + 18^1 + 21^1 + 25^2 &= 13 + 24 + 181 + 211 + 252 & 681 &:= 1^8 + 2^1 + 11^0 + 26^2 + 27^0 &= 18 + 21 + 110 + 262 + 270 \\ 681 &:= 1^3 + 2^4 + 19^1 + 20^1 + 25^2 &= 13 + 24 + 191 + 201 + 252 & 681 &:= 1^8 + 2^1 + 12^0 + 26^0 + 26^2 &= 18 + 21 + 120 + 260 + 262 \\ 681 &:= 1^3 + 2^5 + 17^0 + 22^1 + 25^2 &= 13 + 25 + 170 + 221 + 252 & 681 &:= 1^8 + 2^1 + 13^0 + 25^0 + 26^2 &= 18 + 21 + 130 + 250 + 262 \\ 681 &:= 1^4 + 10^2 + 14^2 + 19^2 + 23^1 &= 14 + 102 + 142 + 192 + 231 & 681 &:= 1^8 + 2^1 + 14^0 + 24^0 + 26^2 &= 18 + 21 + 140 + 240 + 262 \\ 681 &:= 1^4 + 12^2 + 15^2 + 17^2 + 22^1 &= 14 + 122 + 152 + 172 + 221 & 681 &:= 1^8 + 2^1 + 15^0 + 23^0 + 26^2 &= 18 + 21 + 150 + 230 + 262 \\ 681 &:= 1^4 + 3^4 + 17^0 + 22^1 + 24^2 &= 14 + 34 + 170 + 221 + 242 & 681 &:= 1^8 + 2^1 + 16^0 + 22^0 + 26^2 &= 18 + 21 + 160 + 220 + 262 \\ 681 &:= 1^4 + 4^2 + 14^2 + 21^2 + 27^1 &= 14 + 42 + 142 + 212 + 271 & 681 &:= 1^8 + 2^1 + 17^0 + 21^0 + 26^2 &= 18 + 21 + 170 + 210 + 262 \\ 681 &:= 1^4 + 4^4 + 19^0 + 20^2 + 23^1 &= 14 + 44 + 190 + 202 + 231 & 681 &:= 1^8 + 2^1 + 18^0 + 20^0 + 26^2 &= 18 + 21 + 180 + 200 + 262 \\ 681 &:= 1^4 + 5^2 + 12^2 + 22^2 + 27^1 &= 14 + 52 + 122 + 222 + 271 & 681 &:= 1^8 + 2^1 + 19^0 + 19^0 + 26^2 &= 18 + 21 + 190 + 190 + 262 \\ 681 &:= 1^4 + 7^2 + 11^2 + 22^2 + 26^1 &= 14 + 72 + 112 + 222 + 261 & 681 &:= 2^0 + 2^8 + 20^0 + 20^2 + 23^1 &= 20 + 28 + 200 + 202 + 231 \\ 681 &:= 1^4 + 8^3 + 11^2 + 20^1 + 27^1 &= 14 + 83 + 112 + 201 + 271 & 681 &:= 2^1 + 2^6 + 12^1 + 24^2 + 27^1 &= 21 + 26 + 121 + 242 + 271 \\ 681 &:= 1^4 + 8^3 + 11^2 + 21^1 + 26^1 &= 14 + 83 + 112 + 211 + 261 & 681 &:= 2^1 + 2^6 + 13^1 + 24^2 + 26^1 &= 21 + 26 + 131 + 242 + 261 \\ 681 &:= 1^4 + 8^3 + 11^2 + 22^1 + 25^1 &= 14 + 83 + 112 + 221 + 251 & 681 &:= 2^1 + 2^6 + 14^1 + 24^2 + 25^1 &= 21 + 26 + 141 + 242 + 251 \\ 681 &:= 1^4 + 8^3 + 11^2 + 23^1 + 24^1 &= 14 + 83 + 112 + 231 + 241 & 681 &:= 2^1 + 2^6 + 15^1 + 24^1 + 24^2 &= 21 + 26 + 151 + 241 + 242 \\ 681 &:= 1^5 + 10^1 + 17^2 + 19^2 + 20^1 &= 15 + 101 + 172 + 192 + 201 & 681 &:= 2^1 + 2^6 + 16^1 + 23^1 + 24^2 &= 21 + 26 + 161 + 231 + 242 \\ 681 &:= 1^5 + 11^1 + 17^2 + 19^1 + 19^2 &= 15 + 111 + 172 + 191 + 192 & 681 &:= 2^1 + 2^6 + 17^1 + 22^1 + 24^2 &= 21 + 26 + 171 + 221 + 242 \\ 681 &:= 1^5 + 12^1 + 17^2 + 18^1 + 19^2 &= 15 + 121 + 172 + 181 + 192 & 681 &:= 2^1 + 2^6 + 18^1 + 21^1 + 24^2 &= 21 + 26 + 181 + 211 + 242 \\ 681 &:= 1^5 + 13^1 + 17^1 + 17^2 + 19^2 &= 15 + 131 + 171 + 172 + 192 & 681 &:= 2^1 + 2^6 + 19^1 + 20^1 + 24^2 &= 21 + 26 + 191 + 201 + 242 \\ 681 &:= 1^5 + 14^1 + 16^1 + 17^2 + 19^2 &= 15 + 141 + 161 + 172 + 192 & 681 &:= 2^1 + 2^7 + 19^0 + 21^1 + 23^2 &= 21 + 27 + 190 + 211 + 232 \\ 681 &:= 1^5 + 15^1 + 15^1 + 17^2 + 19^2 &= 15 + 151 + 151 + 172 + 192 & 681 &:= 2^3 + 2^4 + 16^2 + 20^2 + 27^0 &= 23 + 24 + 162 + 202 + 270 \end{aligned}$$

$$\begin{aligned} 681 &:= 2^3 + 2^5 + 15^1 + 23^0 + 25^2 = 23 + 25 + 151 + 230 + 252 \\ 681 &:= 2^4 + 10^2 + 10^2 + 21^2 + 24^1 = 24 + 102 + 102 + 212 + 241 \\ 681 &:= 2^4 + 11^2 + 11^2 + 20^2 + 23^1 = 24 + 112 + 112 + 202 + 231 \\ 681 &:= 2^4 + 2^4 + 15^0 + 23^1 + 25^2 = 24 + 24 + 150 + 231 + 252 \\ 681 &:= 2^4 + 3^3 + 14^2 + 21^2 + 27^0 = 24 + 33 + 142 + 212 + 270 \\ 681 &:= 2^4 + 5^3 + 8^3 + 25^0 + 27^1 = 24 + 53 + 83 + 250 + 271 \\ 681 &:= 2^4 + 8^2 + 17^2 + 17^2 + 23^1 = 24 + 82 + 172 + 172 + 231 \\ 681 &:= 2^5 + 14^2 + 14^2 + 16^2 + 21^0 = 25 + 142 + 142 + 162 + 210 \\ 681 &:= 2^5 + 7^3 + 16^1 + 17^2 + 25^0 = 25 + 73 + 161 + 172 + 250 \\ 681 &:= 2^5 + 8^2 + 10^2 + 22^2 + 25^0 = 25 + 82 + 102 + 222 + 250 \\ 681 &:= 2^6 + 10^1 + 10^1 + 21^1 + 24^2 = 26 + 101 + 101 + 211 + 242 \\ 681 &:= 2^6 + 10^1 + 11^1 + 20^1 + 24^2 = 26 + 101 + 111 + 201 + 242 \\ 681 &:= 2^6 + 10^1 + 12^1 + 19^1 + 24^2 = 26 + 101 + 121 + 191 + 242 \\ 681 &:= 2^6 + 10^1 + 13^1 + 18^1 + 24^2 = 26 + 101 + 131 + 181 + 242 \\ 681 &:= 2^6 + 10^1 + 14^1 + 17^1 + 24^2 = 26 + 101 + 141 + 171 + 242 \\ 681 &:= 2^6 + 10^1 + 15^1 + 16^1 + 24^2 = 26 + 101 + 151 + 161 + 242 \\ 681 &:= 2^6 + 11^0 + 14^2 + 20^1 + 20^2 = 26 + 110 + 142 + 201 + 202 \\ 681 &:= 2^6 + 11^1 + 11^1 + 19^1 + 24^2 = 26 + 111 + 111 + 191 + 242 \\ 681 &:= 2^6 + 11^1 + 11^2 + 21^0 + 22^2 = 26 + 111 + 112 + 210 + 222 \\ 681 &:= 2^6 + 11^1 + 12^1 + 18^1 + 24^2 = 26 + 111 + 121 + 181 + 242 \\ 681 &:= 2^6 + 11^1 + 13^1 + 17^1 + 24^2 = 26 + 111 + 131 + 171 + 242 \\ 681 &:= 2^6 + 11^1 + 14^1 + 16^1 + 24^2 = 26 + 111 + 141 + 161 + 242 \\ 681 &:= 2^6 + 11^1 + 15^1 + 15^1 + 24^2 = 26 + 111 + 151 + 151 + 242 \\ 681 &:= 2^6 + 12^1 + 12^1 + 17^1 + 24^2 = 26 + 121 + 121 + 171 + 242 \\ 681 &:= 2^6 + 12^1 + 13^1 + 16^1 + 24^2 = 26 + 121 + 131 + 161 + 242 \\ 681 &:= 2^6 + 12^1 + 14^1 + 15^1 + 24^2 = 26 + 121 + 141 + 151 + 242 \\ 681 &:= 2^6 + 13^1 + 13^1 + 15^1 + 24^2 = 26 + 131 + 131 + 151 + 242 \\ 681 &:= 2^6 + 13^1 + 14^1 + 14^1 + 24^2 = 26 + 131 + 141 + 141 + 242 \\ 681 &:= 2^6 + 3^1 + 11^1 + 24^2 + 27^1 = 26 + 31 + 111 + 242 + 271 \\ 681 &:= 2^6 + 3^1 + 12^1 + 24^2 + 26^1 = 26 + 31 + 121 + 242 + 261 \\ 681 &:= 2^6 + 3^1 + 13^1 + 24^2 + 25^1 = 26 + 31 + 131 + 242 + 251 \\ 681 &:= 2^6 + 3^1 + 14^1 + 24^1 + 24^2 = 26 + 31 + 141 + 241 + 242 \\ 681 &:= 2^6 + 3^1 + 15^1 + 23^1 + 24^2 = 26 + 31 + 151 + 231 + 242 \\ 681 &:= 2^6 + 3^1 + 16^1 + 22^1 + 24^2 = 26 + 31 + 161 + 221 + 242 \\ 681 &:= 2^6 + 3^1 + 17^1 + 21^1 + 24^2 = 26 + 31 + 171 + 211 + 242 \\ 681 &:= 2^6 + 3^1 + 17^2 + 18^2 + 27^0 = 26 + 31 + 172 + 182 + 270 \\ 681 &:= 2^6 + 3^1 + 18^1 + 20^1 + 24^2 = 26 + 31 + 181 + 201 + 242 \\ 681 &:= 2^6 + 3^1 + 19^1 + 19^1 + 24^2 = 26 + 31 + 191 + 191 + 242 \end{aligned}$$

$$\begin{aligned} 681 &:= 2^6 + 4^1 + 10^1 + 24^2 + 27^1 = 26 + 41 + 101 + 242 + 271 \\ 681 &:= 2^6 + 4^1 + 11^1 + 24^2 + 26^1 = 26 + 41 + 111 + 242 + 261 \\ 681 &:= 2^6 + 4^1 + 12^1 + 24^2 + 25^1 = 26 + 41 + 121 + 242 + 251 \\ 681 &:= 2^6 + 4^1 + 13^1 + 24^1 + 24^2 = 26 + 41 + 131 + 241 + 242 \\ 681 &:= 2^6 + 4^1 + 14^1 + 23^1 + 24^2 = 26 + 41 + 141 + 231 + 242 \\ 681 &:= 2^6 + 4^1 + 15^1 + 22^1 + 24^2 = 26 + 41 + 151 + 221 + 242 \\ 681 &:= 2^6 + 4^1 + 16^1 + 21^1 + 24^2 = 26 + 41 + 161 + 211 + 242 \\ 681 &:= 2^6 + 4^1 + 17^1 + 20^1 + 24^2 = 26 + 41 + 171 + 201 + 242 \\ 681 &:= 2^6 + 4^1 + 18^1 + 19^1 + 24^2 = 26 + 41 + 181 + 191 + 242 \\ 681 &:= 2^6 + 4^2 + 13^0 + 24^1 + 24^2 = 26 + 42 + 130 + 241 + 242 \\ 681 &:= 2^6 + 5^1 + 10^1 + 24^2 + 26^1 = 26 + 51 + 101 + 242 + 261 \\ 681 &:= 2^6 + 5^1 + 11^1 + 24^2 + 25^1 = 26 + 51 + 111 + 242 + 251 \\ 681 &:= 2^6 + 5^1 + 12^1 + 24^1 + 24^2 = 26 + 51 + 121 + 241 + 242 \\ 681 &:= 2^6 + 5^1 + 13^1 + 23^1 + 24^2 = 26 + 51 + 131 + 231 + 242 \\ 681 &:= 2^6 + 5^1 + 14^1 + 22^1 + 24^2 = 26 + 51 + 141 + 221 + 242 \\ 681 &:= 2^6 + 5^1 + 15^1 + 21^1 + 24^2 = 26 + 51 + 151 + 211 + 242 \\ 681 &:= 2^6 + 5^1 + 16^1 + 20^1 + 24^2 = 26 + 51 + 161 + 201 + 242 \\ 681 &:= 2^6 + 5^1 + 17^1 + 19^1 + 24^2 = 26 + 51 + 171 + 191 + 242 \\ 681 &:= 2^6 + 5^1 + 18^1 + 18^1 + 24^2 = 26 + 51 + 181 + 181 + 242 \\ 681 &:= 2^6 + 5^1 + 9^1 + 24^2 + 27^1 = 26 + 51 + 91 + 242 + 271 \\ 681 &:= 2^6 + 5^2 + 15^1 + 21^0 + 24^2 = 26 + 52 + 151 + 210 + 242 \\ 681 &:= 2^6 + 6^1 + 10^1 + 24^2 + 25^1 = 26 + 61 + 101 + 242 + 251 \\ 681 &:= 2^6 + 6^1 + 11^1 + 24^1 + 24^2 = 26 + 61 + 111 + 241 + 242 \\ 681 &:= 2^6 + 6^1 + 12^1 + 23^1 + 24^2 = 26 + 61 + 121 + 231 + 242 \\ 681 &:= 2^6 + 6^1 + 13^1 + 22^1 + 24^2 = 26 + 61 + 131 + 221 + 242 \\ 681 &:= 2^6 + 6^1 + 13^2 + 21^2 + 25^0 = 26 + 61 + 132 + 212 + 250 \\ 681 &:= 2^6 + 6^1 + 14^1 + 21^1 + 24^2 = 26 + 61 + 141 + 211 + 242 \\ 681 &:= 2^6 + 6^1 + 15^1 + 20^1 + 24^2 = 26 + 61 + 151 + 201 + 242 \\ 681 &:= 2^6 + 6^1 + 16^1 + 19^1 + 24^2 = 26 + 61 + 161 + 191 + 242 \\ 681 &:= 2^6 + 6^1 + 17^1 + 18^1 + 24^2 = 26 + 61 + 171 + 181 + 242 \\ 681 &:= 2^6 + 6^1 + 8^1 + 24^2 + 27^1 = 26 + 61 + 81 + 242 + 271 \\ 681 &:= 2^6 + 6^1 + 9^1 + 24^2 + 26^1 = 26 + 61 + 91 + 242 + 261 \\ 681 &:= 2^6 + 6^1 + 9^2 + 23^2 + 27^0 = 26 + 61 + 92 + 232 + 270 \\ 681 &:= 2^6 + 7^1 + 10^1 + 24^1 + 24^2 = 26 + 71 + 101 + 241 + 242 \\ 681 &:= 2^6 + 7^1 + 11^1 + 23^1 + 24^2 = 26 + 71 + 111 + 231 + 242 \\ 681 &:= 2^6 + 7^1 + 12^1 + 22^1 + 24^2 = 26 + 71 + 121 + 221 + 242 \\ 681 &:= 2^6 + 7^1 + 13^1 + 21^1 + 24^2 = 26 + 71 + 131 + 211 + 242 \\ 681 &:= 2^6 + 7^1 + 14^1 + 20^1 + 24^2 = 26 + 71 + 141 + 201 + 242 \end{aligned}$$

$$\begin{aligned}
 681 &:= 2^6 + 7^1 + 15^1 + 19^1 + 24^2 = 26 + 71 + 151 + 191 + 242 \\
 681 &:= 2^6 + 7^1 + 16^1 + 18^1 + 24^2 = 26 + 71 + 161 + 181 + 242 \\
 681 &:= 2^6 + 7^1 + 17^1 + 17^1 + 24^2 = 26 + 71 + 171 + 171 + 242 \\
 681 &:= 2^6 + 7^1 + 7^1 + 24^2 + 27^1 = 26 + 71 + 71 + 242 + 271 \\
 681 &:= 2^6 + 7^1 + 8^1 + 24^2 + 26^1 = 26 + 71 + 81 + 242 + 261 \\
 681 &:= 2^6 + 7^1 + 9^1 + 24^2 + 25^1 = 26 + 71 + 91 + 242 + 251 \\
 681 &:= 2^6 + 8^1 + 10^1 + 23^1 + 24^2 = 26 + 81 + 101 + 231 + 242 \\
 681 &:= 2^6 + 8^1 + 11^1 + 22^1 + 24^2 = 26 + 81 + 111 + 221 + 242 \\
 681 &:= 2^6 + 8^1 + 12^1 + 21^1 + 24^2 = 26 + 81 + 121 + 211 + 242 \\
 681 &:= 2^6 + 8^1 + 13^1 + 20^1 + 24^2 = 26 + 81 + 131 + 201 + 242 \\
 681 &:= 2^6 + 8^1 + 14^1 + 19^1 + 24^2 = 26 + 81 + 141 + 191 + 242 \\
 681 &:= 2^6 + 8^1 + 15^1 + 18^1 + 24^2 = 26 + 81 + 151 + 181 + 242 \\
 681 &:= 2^6 + 8^1 + 16^1 + 17^1 + 24^2 = 26 + 81 + 161 + 171 + 242 \\
 681 &:= 2^6 + 8^1 + 8^1 + 24^2 + 25^1 = 26 + 81 + 81 + 242 + 251 \\
 681 &:= 2^6 + 8^1 + 9^1 + 24^1 + 24^2 = 26 + 81 + 91 + 241 + 242 \\
 681 &:= 2^6 + 8^2 + 11^0 + 23^1 + 23^2 = 26 + 82 + 110 + 231 + 232 \\
 681 &:= 2^6 + 9^1 + 10^1 + 22^1 + 24^2 = 26 + 91 + 101 + 221 + 242 \\
 681 &:= 2^6 + 9^1 + 11^1 + 21^1 + 24^2 = 26 + 91 + 111 + 211 + 242 \\
 681 &:= 2^6 + 9^1 + 12^1 + 20^1 + 24^2 = 26 + 91 + 121 + 201 + 242 \\
 681 &:= 2^6 + 9^1 + 13^1 + 19^1 + 24^2 = 26 + 91 + 131 + 191 + 242 \\
 681 &:= 2^6 + 9^1 + 14^1 + 18^1 + 24^2 = 26 + 91 + 141 + 181 + 242 \\
 681 &:= 2^6 + 9^1 + 15^1 + 17^1 + 24^2 = 26 + 91 + 151 + 171 + 242 \\
 681 &:= 2^6 + 9^1 + 16^1 + 16^1 + 24^2 = 26 + 91 + 161 + 161 + 242 \\
 681 &:= 2^6 + 9^1 + 9^1 + 23^1 + 24^2 = 26 + 91 + 91 + 231 + 242 \\
 681 &:= 2^7 + 10^1 + 13^1 + 19^0 + 23^2 = 27 + 101 + 131 + 190 + 232 \\
 681 &:= 2^7 + 11^1 + 12^1 + 19^0 + 23^2 = 27 + 111 + 121 + 190 + 232
 \end{aligned}$$

$$\begin{aligned}
 681 &:= 2^7 + 3^1 + 19^0 + 20^1 + 23^2 = 27 + 31 + 190 + 201 + 232 \\
 681 &:= 2^7 + 4^1 + 19^0 + 19^1 + 23^2 = 27 + 41 + 190 + 191 + 232 \\
 681 &:= 2^7 + 5^1 + 18^1 + 19^0 + 23^2 = 27 + 51 + 181 + 190 + 232 \\
 681 &:= 2^7 + 6^1 + 17^1 + 19^0 + 23^2 = 27 + 61 + 171 + 190 + 232 \\
 681 &:= 2^7 + 7^1 + 16^1 + 19^0 + 23^2 = 27 + 71 + 161 + 190 + 232 \\
 681 &:= 2^7 + 8^1 + 15^1 + 19^0 + 23^2 = 27 + 81 + 151 + 190 + 232 \\
 681 &:= 2^7 + 9^1 + 14^1 + 19^0 + 23^2 = 27 + 91 + 141 + 190 + 232 \\
 681 &:= 2^8 + 10^0 + 12^0 + 20^2 + 23^1 = 28 + 100 + 120 + 202 + 231 \\
 681 &:= 2^8 + 11^0 + 11^0 + 20^2 + 23^1 = 28 + 110 + 110 + 202 + 231 \\
 681 &:= 2^8 + 3^0 + 19^0 + 20^2 + 23^1 = 28 + 30 + 190 + 202 + 231 \\
 681 &:= 2^8 + 4^0 + 18^0 + 20^2 + 23^1 = 28 + 40 + 180 + 202 + 231 \\
 681 &:= 2^8 + 5^0 + 17^0 + 20^2 + 23^1 = 28 + 50 + 170 + 202 + 231 \\
 681 &:= 2^8 + 6^0 + 16^0 + 20^2 + 23^1 = 28 + 60 + 160 + 202 + 231 \\
 681 &:= 2^8 + 7^0 + 15^0 + 20^2 + 23^1 = 28 + 70 + 150 + 202 + 231 \\
 681 &:= 2^8 + 8^0 + 14^0 + 20^2 + 23^1 = 28 + 80 + 140 + 202 + 231 \\
 681 &:= 2^8 + 9^0 + 13^0 + 20^2 + 23^1 = 28 + 90 + 130 + 202 + 231 \\
 681 &:= 3^4 + 12^2 + 12^2 + 17^2 + 23^1 = 34 + 122 + 122 + 172 + 231 \\
 681 &:= 3^4 + 4^2 + 14^2 + 19^2 + 27^1 = 34 + 42 + 142 + 192 + 271 \\
 681 &:= 3^4 + 4^4 + 18^2 + 19^1 + 23^0 = 34 + 44 + 182 + 191 + 230 \\
 681 &:= 3^4 + 5^2 + 15^2 + 18^2 + 26^1 = 34 + 52 + 152 + 182 + 261 \\
 681 &:= 3^4 + 8^2 + 16^2 + 16^2 + 24^1 = 34 + 82 + 162 + 162 + 241 \\
 681 &:= 3^5 + 5^3 + 17^2 + 19^0 + 23^1 = 35 + 53 + 172 + 190 + 231 \\
 681 &:= 3^5 + 6^3 + 14^2 + 19^0 + 25^1 = 35 + 63 + 142 + 190 + 251 \\
 681 &:= 4^4 + 4^4 + 12^2 + 23^0 + 24^1 = 44 + 44 + 122 + 230 + 241
 \end{aligned}$$

2.2.583 Number 682

$$\begin{aligned}
 682 &:= 1^7 + 5^4 + 6^0 + 55^1 = 17 + 54 + 60 + 551 \\
 682 &:= 1^8 + 14^2 + 22^2 + 30^0 = 18 + 142 + 222 + 300 \\
 682 &:= 1^8 + 2^2 + 26^2 + 38^0 = 18 + 22 + 262 + 380 \\
 682 &:= 1^9 + 4^1 + 26^2 + 36^0 = 19 + 41 + 262 + 360 \\
 682 &:= 2^6 + 4^4 + 19^2 + 42^0 = 26 + 44 + 192 + 420 \\
 682 &:= 2^8 + 13^2 + 16^2 + 36^0 = 28 + 132 + 162 + 360 \\
 682 &:= 2^8 + 5^2 + 20^2 + 40^0 = 28 + 52 + 202 + 400 \\
 682 &:= 2^8 + 8^2 + 19^2 + 38^0 = 28 + 82 + 192 + 380 \\
 682 &:= 2^9 + 12^2 + 25^1 + 28^0 = 29 + 122 + 251 + 280 \\
 682 &:= 2^9 + 6^0 + 11^2 + 48^1 = 29 + 60 + 112 + 481
 \end{aligned}$$

$$\begin{aligned}
 682 &:= 1^1 + 2^8 + 20^0 + 20^2 + 24^1 = 11 + 28 + 200 + 202 + 241 \\
 682 &:= 1^2 + 2^7 + 18^0 + 23^1 + 23^2 = 12 + 27 + 180 + 231 + 232 \\
 682 &:= 1^4 + 2^5 + 16^0 + 23^1 + 25^2 = 14 + 25 + 160 + 231 + 252 \\
 682 &:= 1^5 + 3^4 + 16^0 + 23^1 + 24^2 = 15 + 34 + 160 + 231 + 242 \\
 682 &:= 1^5 + 4^4 + 18^0 + 20^2 + 24^1 = 15 + 44 + 180 + 202 + 241 \\
 682 &:= 1^6 + 10^2 + 16^2 + 18^2 + 22^0 = 16 + 102 + 162 + 182 + 220 \\
 682 &:= 1^6 + 5^3 + 12^0 + 23^2 + 26^1 = 16 + 53 + 120 + 232 + 261 \\
 682 &:= 1^6 + 6^3 + 16^0 + 21^2 + 23^1 = 16 + 63 + 160 + 212 + 231 \\
 682 &:= 1^6 + 8^3 + 12^2 + 22^0 + 24^1 = 16 + 83 + 122 + 220 + 241 \\
 682 &:= 1^7 + 14^1 + 15^2 + 16^0 + 21^2 = 17 + 141 + 152 + 160 + 212
 \end{aligned}$$

$$\begin{aligned} 682 &:= 1^7 + 4^0 + 13^2 + 22^2 + 27^1 = 17 + 40 + 132 + 222 + 271 \\ 682 &:= 1^7 + 6^0 + 16^2 + 20^2 + 24^1 = 17 + 60 + 162 + 202 + 241 \\ 682 &:= 1^7 + 6^2 + 16^0 + 19^1 + 25^2 = 17 + 62 + 160 + 191 + 252 \\ 682 &:= 1^7 + 7^1 + 12^2 + 23^2 + 24^0 = 17 + 71 + 122 + 232 + 240 \\ 682 &:= 1^7 + 9^2 + 10^0 + 23^1 + 24^2 = 17 + 92 + 100 + 231 + 242 \\ 682 &:= 1^9 + 3^1 + 10^0 + 26^2 + 27^0 = 19 + 31 + 100 + 262 + 270 \\ 682 &:= 1^9 + 3^1 + 11^0 + 26^0 + 26^2 = 19 + 31 + 110 + 260 + 262 \\ 682 &:= 1^9 + 3^1 + 12^0 + 25^0 + 26^2 = 19 + 31 + 120 + 250 + 262 \\ 682 &:= 1^9 + 3^1 + 13^0 + 24^0 + 26^2 = 19 + 31 + 130 + 240 + 262 \\ 682 &:= 1^9 + 3^1 + 14^0 + 23^0 + 26^2 = 19 + 31 + 140 + 230 + 262 \\ 682 &:= 1^9 + 3^1 + 15^0 + 22^0 + 26^2 = 19 + 31 + 150 + 220 + 262 \\ 682 &:= 1^9 + 3^1 + 16^0 + 21^0 + 26^2 = 19 + 31 + 160 + 210 + 262 \\ 682 &:= 1^9 + 3^1 + 17^0 + 20^0 + 26^2 = 19 + 31 + 170 + 200 + 262 \\ 682 &:= 1^9 + 3^1 + 18^0 + 19^0 + 26^2 = 19 + 31 + 180 + 190 + 262 \\ 682 &:= 2^0 + 2^9 + 12^2 + 24^1 + 27^0 = 20 + 29 + 122 + 241 + 270 \\ 682 &:= 2^1 + 2^8 + 20^0 + 20^2 + 23^1 = 21 + 28 + 200 + 202 + 231 \\ 682 &:= 2^2 + 2^7 + 20^0 + 20^1 + 23^2 = 22 + 27 + 200 + 201 + 232 \\ 682 &:= 2^4 + 3^5 + 20^0 + 20^2 + 22^1 = 24 + 35 + 200 + 202 + 221 \\ 682 &:= 2^6 + 14^2 + 14^2 + 15^2 + 22^0 = 26 + 142 + 142 + 152 + 220 \\ 682 &:= 2^6 + 3^3 + 14^1 + 24^0 + 24^2 = 26 + 33 + 141 + 240 + 242 \\ 682 &:= 2^6 + 4^3 + 14^0 + 23^2 + 24^1 = 26 + 43 + 140 + 232 + 241 \\ 682 &:= 2^6 + 7^3 + 16^2 + 18^1 + 24^0 = 26 + 73 + 162 + 181 + 240 \\ 682 &:= 2^6 + 8^3 + 9^2 + 24^0 + 24^1 = 26 + 83 + 92 + 240 + 241 \\ 682 &:= 2^7 + 10^0 + 13^2 + 19^2 + 23^1 = 27 + 100 + 132 + 192 + 231 \\ 682 &:= 2^7 + 10^2 + 12^1 + 21^2 + 22^0 = 27 + 102 + 121 + 212 + 220 \\ 682 &:= 2^7 + 3^2 + 15^1 + 23^2 + 24^0 = 27 + 32 + 151 + 232 + 240 \\ 682 &:= 2^7 + 7^2 + 16^0 + 20^1 + 22^2 = 27 + 72 + 160 + 201 + 222 \\ 682 &:= 2^7 + 8^1 + 16^2 + 17^2 + 24^0 = 27 + 81 + 162 + 172 + 240 \\ 682 &:= 2^7 + 8^3 + 14^1 + 16^0 + 27^1 = 27 + 83 + 141 + 160 + 271 \\ 682 &:= 2^7 + 8^3 + 15^1 + 16^0 + 26^1 = 27 + 83 + 151 + 160 + 261 \\ 682 &:= 2^7 + 8^3 + 16^0 + 16^1 + 25^1 = 27 + 83 + 160 + 161 + 251 \\ 682 &:= 2^7 + 8^3 + 16^0 + 17^1 + 24^1 = 27 + 83 + 160 + 171 + 241 \\ 682 &:= 2^7 + 8^3 + 16^0 + 18^1 + 23^1 = 27 + 83 + 160 + 181 + 231 \\ 682 &:= 2^7 + 8^3 + 16^0 + 19^1 + 22^1 = 27 + 83 + 160 + 191 + 221 \end{aligned}$$

$$\begin{aligned} 682 &:= 2^7 + 8^3 + 16^0 + 20^1 + 21^1 = 27 + 83 + 160 + 201 + 211 \\ 682 &:= 2^7 + 9^1 + 12^2 + 20^2 + 24^0 = 27 + 91 + 122 + 202 + 240 \\ 682 &:= 2^8 + 10^0 + 10^2 + 18^2 + 27^0 = 28 + 100 + 102 + 182 + 270 \\ 682 &:= 2^8 + 10^1 + 15^1 + 20^0 + 20^2 = 28 + 101 + 151 + 200 + 202 \\ 682 &:= 2^8 + 10^2 + 11^0 + 18^2 + 26^0 = 28 + 102 + 110 + 182 + 260 \\ 682 &:= 2^8 + 10^2 + 12^0 + 18^2 + 25^0 = 28 + 102 + 120 + 182 + 250 \\ 682 &:= 2^8 + 10^2 + 13^0 + 18^2 + 24^0 = 28 + 102 + 130 + 182 + 240 \\ 682 &:= 2^8 + 10^2 + 14^0 + 18^2 + 23^0 = 28 + 102 + 140 + 182 + 230 \\ 682 &:= 2^8 + 10^2 + 15^0 + 18^2 + 22^0 = 28 + 102 + 150 + 182 + 220 \\ 682 &:= 2^8 + 10^2 + 16^0 + 18^2 + 21^0 = 28 + 102 + 160 + 182 + 210 \\ 682 &:= 2^8 + 10^2 + 17^0 + 18^2 + 20^0 = 28 + 102 + 170 + 182 + 200 \\ 682 &:= 2^8 + 10^2 + 18^0 + 18^2 + 19^0 = 28 + 102 + 180 + 182 + 190 \\ 682 &:= 2^8 + 11^1 + 14^1 + 20^0 + 20^2 = 28 + 111 + 141 + 200 + 202 \\ 682 &:= 2^8 + 12^1 + 13^1 + 20^0 + 20^2 = 28 + 121 + 131 + 200 + 202 \\ 682 &:= 2^8 + 3^1 + 20^0 + 20^2 + 22^1 = 28 + 31 + 200 + 202 + 221 \\ 682 &:= 2^8 + 4^1 + 20^0 + 20^2 + 21^1 = 28 + 41 + 200 + 202 + 211 \\ 682 &:= 2^8 + 5^1 + 20^0 + 20^1 + 20^2 = 28 + 51 + 200 + 201 + 202 \\ 682 &:= 2^8 + 6^1 + 19^1 + 20^0 + 20^2 = 28 + 61 + 191 + 200 + 202 \\ 682 &:= 2^8 + 7^1 + 18^1 + 20^0 + 20^2 = 28 + 71 + 181 + 200 + 202 \\ 682 &:= 2^8 + 8^1 + 17^1 + 20^0 + 20^2 = 28 + 81 + 171 + 200 + 202 \\ 682 &:= 2^8 + 9^1 + 16^1 + 20^0 + 20^2 = 28 + 91 + 161 + 200 + 202 \\ 682 &:= 2^9 + 10^0 + 12^2 + 19^0 + 24^1 = 29 + 100 + 122 + 190 + 241 \\ 682 &:= 2^9 + 11^0 + 12^2 + 18^0 + 24^1 = 29 + 110 + 122 + 180 + 241 \\ 682 &:= 2^9 + 12^0 + 12^2 + 17^0 + 24^1 = 29 + 120 + 122 + 170 + 241 \\ 682 &:= 2^9 + 12^2 + 13^0 + 16^0 + 24^1 = 29 + 122 + 130 + 160 + 241 \\ 682 &:= 2^9 + 12^2 + 14^0 + 15^0 + 24^1 = 29 + 122 + 140 + 150 + 241 \\ 682 &:= 2^9 + 3^0 + 12^2 + 24^1 + 26^0 = 29 + 30 + 122 + 241 + 260 \\ 682 &:= 2^9 + 4^0 + 12^2 + 24^1 + 25^0 = 29 + 40 + 122 + 241 + 250 \\ 682 &:= 2^9 + 5^0 + 12^2 + 24^0 + 24^1 = 29 + 50 + 122 + 240 + 241 \\ 682 &:= 2^9 + 6^0 + 12^2 + 23^0 + 24^1 = 29 + 60 + 122 + 230 + 241 \\ 682 &:= 2^9 + 7^0 + 12^2 + 22^0 + 24^1 = 29 + 70 + 122 + 220 + 241 \\ 682 &:= 2^9 + 8^0 + 12^2 + 21^0 + 24^1 = 29 + 80 + 122 + 210 + 241 \\ 682 &:= 2^9 + 9^0 + 12^2 + 20^0 + 24^1 = 29 + 90 + 122 + 200 + 241 \end{aligned}$$

2.2.584 Number 683

$683 := 6^1 + 26^2 + 36^0$	$= 61 + 262 + 360$	$683 := 1^2 + 2^8 + 19^0 + 20^2 + 25^1$	$= 12 + 28 + 190 + 202 + 251$
$683 := 1^0 + 5^1 + 26^2 + 36^0$	$= 10 + 51 + 262 + 360$	$683 := 1^3 + 2^7 + 17^0 + 23^2 + 24^1$	$= 13 + 27 + 170 + 232 + 241$
$683 := 1^2 + 2^9 + 13^2 + 51^0$	$= 12 + 29 + 132 + 510$	$683 := 1^5 + 2^5 + 15^0 + 24^1 + 25^2$	$= 15 + 25 + 150 + 241 + 252$
$683 := 1^8 + 11^2 + 23^2 + 32^1$	$= 18 + 112 + 232 + 321$	$683 := 1^6 + 3^4 + 15^0 + 24^1 + 24^2$	$= 16 + 34 + 150 + 241 + 242$
$683 := 1^8 + 5^0 + 5^4 + 56^1$	$= 18 + 50 + 54 + 561$	$683 := 1^6 + 4^3 + 16^2 + 19^2 + 27^0$	$= 16 + 43 + 162 + 192 + 270$
$683 := 1^8 + 8^3 + 13^2 + 45^0$	$= 18 + 83 + 132 + 450$	$683 := 1^6 + 4^4 + 17^0 + 20^2 + 25^1$	$= 16 + 44 + 170 + 202 + 251$
$683 := 2^0 + 5^1 + 26^2 + 35^0$	$= 20 + 51 + 262 + 350$	$683 := 1^6 + 9^2 + 17^2 + 17^2 + 23^1$	$= 16 + 92 + 172 + 172 + 231$
$683 := 2^8 + 10^2 + 17^2 + 38^1$	$= 28 + 102 + 172 + 381$	$683 := 1^7 + 10^1 + 11^2 + 22^1 + 23^2$	$= 17 + 101 + 112 + 221 + 232$
$683 := 2^8 + 5^2 + 19^2 + 41^1$	$= 28 + 52 + 192 + 411$	$683 := 1^7 + 11^1 + 11^2 + 21^1 + 23^2$	$= 17 + 111 + 112 + 211 + 232$
$683 := 2^8 + 8^2 + 18^2 + 39^1$	$= 28 + 82 + 182 + 391$	$683 := 1^7 + 11^2 + 12^1 + 20^1 + 23^2$	$= 17 + 112 + 121 + 201 + 232$
$683 := 2^9 + 5^3 + 15^0 + 45^1$	$= 29 + 53 + 150 + 451$	$683 := 1^7 + 11^2 + 13^1 + 19^1 + 23^2$	$= 17 + 112 + 131 + 191 + 232$
$683 := 2^9 + 7^2 + 11^2 + 47^0$	$= 29 + 72 + 112 + 470$	$683 := 1^7 + 11^2 + 14^1 + 18^1 + 23^2$	$= 17 + 112 + 141 + 181 + 232$
$683 := 3^0 + 5^1 + 26^2 + 34^0$	$= 30 + 51 + 262 + 340$	$683 := 1^7 + 11^2 + 15^1 + 17^1 + 23^2$	$= 17 + 112 + 151 + 171 + 232$
$683 := 4^0 + 5^1 + 26^2 + 33^0$	$= 40 + 51 + 262 + 330$	$683 := 1^7 + 11^2 + 16^1 + 16^1 + 23^2$	$= 17 + 112 + 161 + 161 + 232$
$683 := 5^0 + 5^1 + 26^2 + 32^0$	$= 50 + 51 + 262 + 320$	$683 := 1^7 + 13^2 + 16^2 + 16^2 + 21^0$	$= 17 + 132 + 162 + 162 + 210$
$683 := 5^1 + 10^0 + 26^2 + 27^0$	$= 51 + 100 + 262 + 270$	$683 := 1^7 + 14^2 + 14^2 + 17^2 + 21^0$	$= 17 + 142 + 142 + 172 + 210$
$683 := 5^1 + 11^0 + 26^0 + 26^2$	$= 51 + 110 + 260 + 262$	$683 := 1^7 + 5^1 + 11^2 + 23^2 + 27^1$	$= 17 + 51 + 112 + 232 + 271$
$683 := 5^1 + 12^0 + 25^0 + 26^2$	$= 51 + 120 + 250 + 262$	$683 := 1^7 + 5^2 + 16^2 + 20^2 + 25^0$	$= 17 + 52 + 162 + 202 + 250$
$683 := 5^1 + 13^0 + 24^0 + 26^2$	$= 51 + 130 + 240 + 262$	$683 := 1^7 + 5^3 + 11^0 + 23^2 + 27^1$	$= 17 + 53 + 110 + 232 + 271$
$683 := 5^1 + 14^0 + 23^0 + 26^2$	$= 51 + 140 + 230 + 262$	$683 := 1^7 + 6^1 + 11^2 + 23^2 + 26^1$	$= 17 + 61 + 112 + 232 + 261$
$683 := 5^1 + 15^0 + 22^0 + 26^2$	$= 51 + 150 + 220 + 262$	$683 := 1^7 + 6^3 + 15^0 + 21^2 + 24^1$	$= 17 + 63 + 150 + 212 + 241$
$683 := 5^1 + 16^0 + 21^0 + 26^2$	$= 51 + 160 + 210 + 262$	$683 := 1^7 + 7^1 + 11^2 + 23^2 + 25^1$	$= 17 + 71 + 112 + 232 + 251$
$683 := 5^1 + 17^0 + 20^0 + 26^2$	$= 51 + 170 + 200 + 262$	$683 := 1^7 + 7^3 + 14^1 + 18^2 + 27^0$	$= 17 + 73 + 141 + 182 + 270$
$683 := 5^1 + 18^0 + 19^0 + 26^2$	$= 51 + 180 + 190 + 262$	$683 := 1^7 + 8^1 + 11^2 + 23^2 + 24^1$	$= 17 + 81 + 112 + 232 + 241$
$683 := 5^1 + 6^0 + 26^2 + 31^0$	$= 51 + 60 + 262 + 310$	$683 := 1^7 + 8^2 + 16^2 + 19^2 + 23^0$	$= 17 + 82 + 162 + 192 + 230$
$683 := 5^1 + 7^0 + 26^2 + 30^0$	$= 51 + 70 + 262 + 300$	$683 := 1^7 + 8^3 + 12^2 + 21^0 + 25^1$	$= 17 + 83 + 122 + 210 + 251$
$683 := 5^1 + 8^0 + 26^2 + 29^0$	$= 51 + 80 + 262 + 290$	$683 := 1^7 + 9^1 + 11^2 + 23^1 + 23^2$	$= 17 + 91 + 112 + 231 + 232$
$683 := 5^1 + 9^0 + 26^2 + 28^0$	$= 51 + 90 + 262 + 280$	$683 := 1^8 + 15^0 + 15^1 + 15^2 + 21^2$	$= 18 + 150 + 151 + 152 + 212$
$683 := 1^0 + 4^1 + 10^0 + 26^2 + 27^0$	$= 10 + 41 + 100 + 262 + 270$	$683 := 1^8 + 5^0 + 16^2 + 20^2 + 25^1$	$= 18 + 50 + 162 + 202 + 251$
$683 := 1^0 + 4^1 + 11^0 + 26^0 + 26^2$	$= 10 + 41 + 110 + 260 + 262$	$683 := 1^8 + 5^1 + 10^2 + 24^2 + 27^0$	$= 18 + 51 + 102 + 242 + 270$
$683 := 1^0 + 4^1 + 12^0 + 25^0 + 26^2$	$= 10 + 41 + 120 + 250 + 262$	$683 := 1^8 + 6^2 + 15^0 + 20^1 + 25^2$	$= 18 + 62 + 150 + 201 + 252$
$683 := 1^0 + 4^1 + 13^0 + 24^0 + 26^2$	$= 10 + 41 + 130 + 240 + 262$	$683 := 1^8 + 7^1 + 7^2 + 25^2 + 27^0$	$= 18 + 71 + 72 + 252 + 270$
$683 := 1^0 + 4^1 + 14^0 + 23^0 + 26^2$	$= 10 + 41 + 140 + 230 + 262$	$683 := 1^8 + 8^1 + 12^2 + 23^0 + 23^2$	$= 18 + 81 + 122 + 230 + 232$
$683 := 1^0 + 4^1 + 15^0 + 22^0 + 26^2$	$= 10 + 41 + 150 + 220 + 262$	$683 := 1^8 + 9^0 + 9^2 + 24^1 + 24^2$	$= 18 + 90 + 92 + 241 + 242$
$683 := 1^0 + 4^1 + 16^0 + 21^0 + 26^2$	$= 10 + 41 + 160 + 210 + 262$	$683 := 1^9 + 10^0 + 14^2 + 20^0 + 22^2$	$= 19 + 100 + 142 + 200 + 222$
$683 := 1^0 + 4^1 + 17^0 + 20^0 + 26^2$	$= 10 + 41 + 170 + 200 + 262$	$683 := 1^9 + 11^0 + 14^2 + 19^0 + 22^2$	$= 19 + 110 + 142 + 190 + 222$
$683 := 1^0 + 4^1 + 18^0 + 19^0 + 26^2$	$= 10 + 41 + 180 + 190 + 262$	$683 := 1^9 + 12^0 + 14^2 + 18^0 + 22^2$	$= 19 + 120 + 142 + 180 + 222$
$683 := 1^1 + 2^9 + 12^2 + 25^1 + 27^0$	$= 11 + 29 + 122 + 251 + 270$	$683 := 1^9 + 13^0 + 14^2 + 17^0 + 22^2$	$= 19 + 130 + 142 + 170 + 222$

$$\begin{aligned} 683 &:= 1^9 + 14^0 + 14^2 + 16^0 + 22^2 = 19 + 140 + 142 + 160 + 222 \\ 683 &:= 1^9 + 14^2 + 15^0 + 15^0 + 22^2 = 19 + 142 + 150 + 150 + 222 \\ 683 &:= 1^9 + 2^2 + 11^0 + 26^2 + 27^0 = 19 + 22 + 110 + 262 + 270 \\ 683 &:= 1^9 + 2^2 + 12^0 + 26^0 + 26^2 = 19 + 22 + 120 + 260 + 262 \\ 683 &:= 1^9 + 2^2 + 13^0 + 25^0 + 26^2 = 19 + 22 + 130 + 250 + 262 \\ 683 &:= 1^9 + 2^2 + 14^0 + 24^0 + 26^2 = 19 + 22 + 140 + 240 + 262 \\ 683 &:= 1^9 + 2^2 + 15^0 + 23^0 + 26^2 = 19 + 22 + 150 + 230 + 262 \\ 683 &:= 1^9 + 2^2 + 16^0 + 22^0 + 26^2 = 19 + 22 + 160 + 220 + 262 \\ 683 &:= 1^9 + 2^2 + 17^0 + 21^0 + 26^2 = 19 + 22 + 170 + 210 + 262 \\ 683 &:= 1^9 + 2^2 + 18^0 + 20^0 + 26^2 = 19 + 22 + 180 + 200 + 262 \\ 683 &:= 1^9 + 2^2 + 19^0 + 19^0 + 26^2 = 19 + 22 + 190 + 190 + 262 \\ 683 &:= 1^9 + 3^0 + 14^2 + 22^2 + 27^0 = 19 + 30 + 142 + 222 + 270 \\ 683 &:= 1^9 + 4^0 + 14^2 + 22^2 + 26^0 = 19 + 40 + 142 + 222 + 260 \\ 683 &:= 1^9 + 5^0 + 14^2 + 22^2 + 25^0 = 19 + 50 + 142 + 222 + 250 \\ 683 &:= 1^9 + 6^0 + 14^2 + 22^2 + 24^0 = 19 + 60 + 142 + 222 + 240 \\ 683 &:= 1^9 + 7^0 + 14^2 + 22^2 + 23^0 = 19 + 70 + 142 + 222 + 230 \\ 683 &:= 1^9 + 8^0 + 14^2 + 22^0 + 22^2 = 19 + 80 + 142 + 220 + 222 \\ 683 &:= 1^9 + 9^0 + 14^2 + 21^0 + 22^2 = 19 + 90 + 142 + 210 + 222 \\ 683 &:= 2^0 + 4^1 + 10^0 + 26^0 + 26^2 = 20 + 41 + 100 + 260 + 262 \\ 683 &:= 2^0 + 4^1 + 11^0 + 25^0 + 26^2 = 20 + 41 + 110 + 250 + 262 \\ 683 &:= 2^0 + 4^1 + 12^0 + 24^0 + 26^2 = 20 + 41 + 120 + 240 + 262 \\ 683 &:= 2^0 + 4^1 + 13^0 + 23^0 + 26^2 = 20 + 41 + 130 + 230 + 262 \\ 683 &:= 2^0 + 4^1 + 14^0 + 22^0 + 26^2 = 20 + 41 + 140 + 220 + 262 \\ 683 &:= 2^0 + 4^1 + 15^0 + 21^0 + 26^2 = 20 + 41 + 150 + 210 + 262 \\ 683 &:= 2^0 + 4^1 + 16^0 + 20^0 + 26^2 = 20 + 41 + 160 + 200 + 262 \\ 683 &:= 2^0 + 4^1 + 17^0 + 19^0 + 26^2 = 20 + 41 + 170 + 190 + 262 \\ 683 &:= 2^0 + 4^1 + 18^0 + 18^0 + 26^2 = 20 + 41 + 180 + 180 + 262 \\ 683 &:= 2^0 + 4^1 + 9^0 + 26^2 + 27^0 = 20 + 41 + 90 + 262 + 270 \\ 683 &:= 2^1 + 2^9 + 12^2 + 24^1 + 27^0 = 21 + 29 + 122 + 241 + 270 \\ 683 &:= 2^2 + 2^8 + 20^2 + 21^0 + 22^1 = 22 + 28 + 202 + 210 + 221 \\ 683 &:= 2^3 + 2^7 + 17^1 + 23^0 + 23^2 = 23 + 27 + 171 + 230 + 232 \\ 683 &:= 2^4 + 2^6 + 13^0 + 24^2 + 26^1 = 24 + 26 + 130 + 242 + 261 \\ 683 &:= 2^6 + 12^2 + 14^2 + 16^2 + 23^1 = 26 + 122 + 142 + 162 + 231 \\ 683 &:= 2^6 + 6^2 + 14^2 + 19^2 + 26^1 = 26 + 62 + 142 + 192 + 261 \\ 683 &:= 2^6 + 7^2 + 12^2 + 20^2 + 26^1 = 26 + 72 + 122 + 202 + 261 \\ 683 &:= 2^6 + 7^2 + 16^2 + 17^2 + 25^1 = 26 + 72 + 162 + 172 + 251 \\ 683 &:= 2^6 + 8^2 + 13^2 + 19^2 + 25^1 = 26 + 82 + 132 + 192 + 251 \\ 683 &:= 2^6 + 9^2 + 15^2 + 17^2 + 24^1 = 26 + 92 + 152 + 172 + 241 \end{aligned}$$

$$\begin{aligned} 683 &:= 2^7 + 10^1 + 11^2 + 20^2 + 24^1 = 27 + 101 + 112 + 202 + 241 \\ 683 &:= 2^7 + 11^1 + 11^2 + 20^2 + 23^1 = 27 + 111 + 112 + 202 + 231 \\ 683 &:= 2^7 + 11^2 + 12^1 + 20^2 + 22^1 = 27 + 112 + 121 + 202 + 221 \\ 683 &:= 2^7 + 11^2 + 12^2 + 17^2 + 25^0 = 27 + 112 + 122 + 172 + 250 \\ 683 &:= 2^7 + 11^2 + 13^1 + 20^2 + 21^1 = 27 + 112 + 131 + 202 + 211 \\ 683 &:= 2^7 + 11^2 + 14^1 + 20^1 + 20^2 = 27 + 112 + 141 + 201 + 202 \\ 683 &:= 2^7 + 11^2 + 15^1 + 19^1 + 20^2 = 27 + 112 + 151 + 191 + 202 \\ 683 &:= 2^7 + 11^2 + 16^1 + 18^1 + 20^2 = 27 + 112 + 161 + 181 + 202 \\ 683 &:= 2^7 + 11^2 + 17^1 + 17^1 + 20^2 = 27 + 112 + 171 + 171 + 202 \\ 683 &:= 2^7 + 4^2 + 8^3 + 26^1 + 27^0 = 27 + 42 + 83 + 261 + 270 \\ 683 &:= 2^7 + 6^3 + 14^1 + 18^2 + 27^0 = 27 + 63 + 141 + 182 + 270 \\ 683 &:= 2^7 + 7^1 + 11^2 + 20^2 + 27^1 = 27 + 71 + 112 + 202 + 271 \\ 683 &:= 2^7 + 7^2 + 12^2 + 19^2 + 27^0 = 27 + 72 + 122 + 192 + 270 \\ 683 &:= 2^7 + 8^1 + 11^2 + 20^2 + 26^1 = 27 + 81 + 112 + 202 + 261 \\ 683 &:= 2^7 + 9^1 + 11^2 + 20^2 + 25^1 = 27 + 91 + 112 + 202 + 251 \\ 683 &:= 2^8 + 11^0 + 12^2 + 16^2 + 26^1 = 28 + 110 + 122 + 162 + 261 \\ 683 &:= 2^8 + 11^2 + 16^1 + 17^2 + 21^0 = 28 + 112 + 161 + 172 + 210 \\ 683 &:= 2^8 + 3^2 + 17^1 + 20^2 + 25^0 = 28 + 32 + 171 + 202 + 250 \\ 683 &:= 2^8 + 4^3 + 15^0 + 19^2 + 27^0 = 28 + 43 + 150 + 192 + 270 \\ 683 &:= 2^8 + 4^3 + 16^0 + 19^2 + 26^0 = 28 + 43 + 160 + 192 + 260 \\ 683 &:= 2^8 + 4^3 + 17^0 + 19^2 + 25^0 = 28 + 43 + 170 + 192 + 250 \\ 683 &:= 2^8 + 4^3 + 18^0 + 19^2 + 24^0 = 28 + 43 + 180 + 192 + 240 \\ 683 &:= 2^8 + 4^3 + 19^0 + 19^2 + 23^0 = 28 + 43 + 190 + 192 + 230 \\ 683 &:= 2^8 + 4^3 + 19^2 + 20^0 + 22^0 = 28 + 43 + 192 + 200 + 220 \\ 683 &:= 2^8 + 4^3 + 19^2 + 21^0 + 21^0 = 28 + 43 + 192 + 210 + 210 \\ 683 &:= 2^8 + 7^2 + 16^1 + 19^2 + 23^0 = 28 + 72 + 161 + 192 + 230 \\ 683 &:= 2^8 + 9^2 + 17^0 + 18^2 + 21^1 = 28 + 92 + 170 + 182 + 211 \\ 683 &:= 2^9 + 10^1 + 12^2 + 16^1 + 27^0 = 29 + 101 + 122 + 161 + 270 \\ 683 &:= 2^9 + 11^1 + 12^2 + 15^1 + 27^0 = 29 + 111 + 122 + 151 + 270 \\ 683 &:= 2^9 + 12^1 + 12^2 + 14^1 + 27^0 = 29 + 121 + 122 + 141 + 270 \\ 683 &:= 2^9 + 12^2 + 13^1 + 13^1 + 27^0 = 29 + 122 + 131 + 131 + 270 \\ 683 &:= 2^9 + 3^1 + 12^2 + 23^1 + 27^0 = 29 + 31 + 122 + 231 + 270 \\ 683 &:= 2^9 + 4^1 + 12^2 + 22^1 + 27^0 = 29 + 41 + 122 + 221 + 270 \\ 683 &:= 2^9 + 5^0 + 11^2 + 22^1 + 27^1 = 29 + 50 + 112 + 221 + 271 \\ 683 &:= 2^9 + 5^0 + 11^2 + 23^1 + 26^1 = 29 + 50 + 112 + 231 + 261 \\ 683 &:= 2^9 + 5^0 + 11^2 + 24^1 + 25^1 = 29 + 50 + 112 + 241 + 251 \\ 683 &:= 2^9 + 5^1 + 12^2 + 21^1 + 27^0 = 29 + 51 + 122 + 211 + 270 \\ 683 &:= 2^9 + 5^2 + 12^2 + 21^0 + 27^0 = 29 + 52 + 122 + 210 + 270 \end{aligned}$$

$$\begin{aligned} 683 &:= 2^9 + 5^2 + 12^2 + 22^0 + 26^0 = 29 + 52 + 122 + 220 + 260 & 683 &:= 4^1 + 12^0 + 13^0 + 13^0 + 26^2 = 41 + 120 + 130 + 130 + 262 \\ 683 &:= 2^9 + 5^2 + 12^2 + 23^0 + 25^0 = 29 + 52 + 122 + 230 + 250 & 683 &:= 4^1 + 5^0 + 10^0 + 23^0 + 26^2 = 41 + 50 + 100 + 230 + 262 \\ 683 &:= 2^9 + 5^2 + 12^2 + 24^0 + 24^0 = 29 + 52 + 122 + 240 + 240 & 683 &:= 4^1 + 5^0 + 11^0 + 22^0 + 26^2 = 41 + 50 + 110 + 220 + 262 \\ 683 &:= 2^9 + 6^1 + 12^2 + 20^1 + 27^0 = 29 + 61 + 122 + 201 + 270 & 683 &:= 4^1 + 5^0 + 12^0 + 21^0 + 26^2 = 41 + 50 + 120 + 210 + 262 \\ 683 &:= 2^9 + 7^1 + 12^2 + 19^1 + 27^0 = 29 + 71 + 122 + 191 + 270 & 683 &:= 4^1 + 5^0 + 13^0 + 20^0 + 26^2 = 41 + 50 + 130 + 200 + 262 \\ 683 &:= 2^9 + 8^1 + 12^2 + 18^1 + 27^0 = 29 + 81 + 122 + 181 + 270 & 683 &:= 4^1 + 5^0 + 14^0 + 19^0 + 26^2 = 41 + 50 + 140 + 190 + 262 \\ 683 &:= 2^9 + 9^1 + 12^2 + 17^1 + 27^0 = 29 + 91 + 122 + 171 + 270 & 683 &:= 4^1 + 5^0 + 15^0 + 18^0 + 26^2 = 41 + 50 + 150 + 180 + 262 \\ 683 &:= 3^0 + 4^1 + 10^0 + 25^0 + 26^2 = 30 + 41 + 100 + 250 + 262 & 683 &:= 4^1 + 5^0 + 16^0 + 17^0 + 26^2 = 41 + 50 + 160 + 170 + 262 \\ 683 &:= 3^0 + 4^1 + 11^0 + 24^0 + 26^2 = 30 + 41 + 110 + 240 + 262 & 683 &:= 4^1 + 5^0 + 6^0 + 26^2 + 27^0 = 41 + 50 + 60 + 262 + 270 \\ 683 &:= 3^0 + 4^1 + 12^0 + 23^0 + 26^2 = 30 + 41 + 120 + 230 + 262 & 683 &:= 4^1 + 5^0 + 7^0 + 26^0 + 26^2 = 41 + 50 + 70 + 260 + 262 \\ 683 &:= 3^0 + 4^1 + 13^0 + 22^0 + 26^2 = 30 + 41 + 130 + 220 + 262 & 683 &:= 4^1 + 5^0 + 8^0 + 25^0 + 26^2 = 41 + 50 + 80 + 250 + 262 \\ 683 &:= 3^0 + 4^1 + 14^0 + 21^0 + 26^2 = 30 + 41 + 140 + 210 + 262 & 683 &:= 4^1 + 5^0 + 9^0 + 24^0 + 26^2 = 41 + 50 + 90 + 240 + 262 \\ 683 &:= 3^0 + 4^1 + 15^0 + 20^0 + 26^2 = 30 + 41 + 150 + 200 + 262 & 683 &:= 4^1 + 6^0 + 10^0 + 22^0 + 26^2 = 41 + 60 + 100 + 220 + 262 \\ 683 &:= 3^0 + 4^1 + 16^0 + 19^0 + 26^2 = 30 + 41 + 160 + 190 + 262 & 683 &:= 4^1 + 6^0 + 11^0 + 21^0 + 26^2 = 41 + 60 + 110 + 210 + 262 \\ 683 &:= 3^0 + 4^1 + 17^0 + 18^0 + 26^2 = 30 + 41 + 170 + 180 + 262 & 683 &:= 4^1 + 6^0 + 12^0 + 20^0 + 26^2 = 41 + 60 + 120 + 200 + 262 \\ 683 &:= 3^0 + 4^1 + 8^0 + 26^2 + 27^0 = 30 + 41 + 80 + 262 + 270 & 683 &:= 4^1 + 6^0 + 13^0 + 19^0 + 26^2 = 41 + 60 + 130 + 190 + 262 \\ 683 &:= 3^0 + 4^1 + 9^0 + 26^0 + 26^2 = 30 + 41 + 90 + 260 + 262 & 683 &:= 4^1 + 6^0 + 14^0 + 18^0 + 26^2 = 41 + 60 + 140 + 180 + 262 \\ 683 &:= 3^5 + 3^5 + 13^2 + 21^0 + 27^1 = 35 + 35 + 132 + 210 + 271 & 683 &:= 4^1 + 6^0 + 15^0 + 17^0 + 26^2 = 41 + 60 + 150 + 170 + 262 \\ 683 &:= 4^0 + 4^1 + 10^0 + 24^0 + 26^2 = 40 + 41 + 100 + 240 + 262 & 683 &:= 4^1 + 6^0 + 16^0 + 16^0 + 26^2 = 41 + 60 + 160 + 160 + 262 \\ 683 &:= 4^0 + 4^1 + 11^0 + 23^0 + 26^2 = 40 + 41 + 110 + 230 + 262 & 683 &:= 4^1 + 6^0 + 6^0 + 26^0 + 26^2 = 41 + 60 + 60 + 260 + 262 \\ 683 &:= 4^0 + 4^1 + 12^0 + 22^0 + 26^2 = 40 + 41 + 120 + 220 + 262 & 683 &:= 4^1 + 6^0 + 7^0 + 25^0 + 26^2 = 41 + 60 + 70 + 250 + 262 \\ 683 &:= 4^0 + 4^1 + 13^0 + 21^0 + 26^2 = 40 + 41 + 130 + 210 + 262 & 683 &:= 4^1 + 6^0 + 8^0 + 24^0 + 26^2 = 41 + 60 + 80 + 240 + 262 \\ 683 &:= 4^0 + 4^1 + 14^0 + 20^0 + 26^2 = 40 + 41 + 140 + 200 + 262 & 683 &:= 4^1 + 6^0 + 9^0 + 23^0 + 26^2 = 41 + 60 + 90 + 230 + 262 \\ 683 &:= 4^0 + 4^1 + 15^0 + 19^0 + 26^2 = 40 + 41 + 150 + 190 + 262 & 683 &:= 4^1 + 7^0 + 10^0 + 21^0 + 26^2 = 41 + 70 + 100 + 210 + 262 \\ 683 &:= 4^0 + 4^1 + 16^0 + 18^0 + 26^2 = 40 + 41 + 160 + 180 + 262 & 683 &:= 4^1 + 7^0 + 11^0 + 20^0 + 26^2 = 41 + 70 + 110 + 200 + 262 \\ 683 &:= 4^0 + 4^1 + 17^0 + 17^0 + 26^2 = 40 + 41 + 170 + 170 + 262 & 683 &:= 4^1 + 7^0 + 12^0 + 19^0 + 26^2 = 41 + 70 + 120 + 190 + 262 \\ 683 &:= 4^0 + 4^1 + 7^0 + 26^2 + 27^0 = 40 + 41 + 70 + 262 + 270 & 683 &:= 4^1 + 7^0 + 13^0 + 18^0 + 26^2 = 41 + 70 + 130 + 180 + 262 \\ 683 &:= 4^0 + 4^1 + 8^0 + 26^0 + 26^2 = 40 + 41 + 80 + 260 + 262 & 683 &:= 4^1 + 7^0 + 14^0 + 17^0 + 26^2 = 41 + 70 + 140 + 170 + 262 \\ 683 &:= 4^0 + 4^1 + 9^0 + 25^0 + 26^2 = 40 + 41 + 90 + 250 + 262 & 683 &:= 4^1 + 7^0 + 15^0 + 16^0 + 26^2 = 41 + 70 + 150 + 160 + 262 \\ 683 &:= 4^1 + 10^0 + 10^0 + 18^0 + 26^2 = 41 + 100 + 100 + 180 + 262 & 683 &:= 4^1 + 7^0 + 7^0 + 24^0 + 26^2 = 41 + 70 + 70 + 240 + 262 \\ 683 &:= 4^1 + 10^0 + 11^0 + 17^0 + 26^2 = 41 + 100 + 110 + 170 + 262 & 683 &:= 4^1 + 7^0 + 8^0 + 23^0 + 26^2 = 41 + 70 + 80 + 230 + 262 \\ 683 &:= 4^1 + 10^0 + 12^0 + 16^0 + 26^2 = 41 + 100 + 120 + 160 + 262 & 683 &:= 4^1 + 7^0 + 9^0 + 22^0 + 26^2 = 41 + 70 + 90 + 220 + 262 \\ 683 &:= 4^1 + 10^0 + 13^0 + 15^0 + 26^2 = 41 + 100 + 130 + 150 + 262 & 683 &:= 4^1 + 8^0 + 10^0 + 20^0 + 26^2 = 41 + 80 + 100 + 200 + 262 \\ 683 &:= 4^1 + 10^0 + 14^0 + 14^0 + 26^2 = 41 + 100 + 140 + 140 + 262 & 683 &:= 4^1 + 8^0 + 11^0 + 19^0 + 26^2 = 41 + 80 + 110 + 190 + 262 \\ 683 &:= 4^1 + 11^0 + 11^0 + 16^0 + 26^2 = 41 + 110 + 110 + 160 + 262 & 683 &:= 4^1 + 8^0 + 12^0 + 18^0 + 26^2 = 41 + 80 + 120 + 180 + 262 \\ 683 &:= 4^1 + 11^0 + 12^0 + 15^0 + 26^2 = 41 + 110 + 120 + 150 + 262 & 683 &:= 4^1 + 8^0 + 13^0 + 17^0 + 26^2 = 41 + 80 + 130 + 170 + 262 \\ 683 &:= 4^1 + 11^0 + 13^0 + 14^0 + 26^2 = 41 + 110 + 130 + 140 + 262 & 683 &:= 4^1 + 8^0 + 14^0 + 16^0 + 26^2 = 41 + 80 + 140 + 160 + 262 \\ 683 &:= 4^1 + 12^0 + 12^0 + 14^0 + 26^2 = 41 + 120 + 120 + 140 + 262 & 683 &:= 4^1 + 8^0 + 15^0 + 15^0 + 26^2 = 41 + 80 + 150 + 150 + 262 \end{aligned}$$

$$\begin{aligned}
 683 &:= 4^1 + 8^0 + 8^0 + 22^0 + 26^2 = 41 + 80 + 80 + 220 + 262 \\
 683 &:= 4^1 + 8^0 + 9^0 + 21^0 + 26^2 = 41 + 80 + 90 + 210 + 262 \\
 683 &:= 4^1 + 9^0 + 10^0 + 19^0 + 26^2 = 41 + 90 + 100 + 190 + 262 \\
 683 &:= 4^1 + 9^0 + 11^0 + 18^0 + 26^2 = 41 + 90 + 110 + 180 + 262 \\
 683 &:= 4^1 + 9^0 + 12^0 + 17^0 + 26^2 = 41 + 90 + 120 + 170 + 262
 \end{aligned}$$

$$\begin{aligned}
 683 &:= 4^1 + 9^0 + 13^0 + 16^0 + 26^2 = 41 + 90 + 130 + 160 + 262 \\
 683 &:= 4^1 + 9^0 + 14^0 + 15^0 + 26^2 = 41 + 90 + 140 + 150 + 262 \\
 683 &:= 4^1 + 9^0 + 9^0 + 20^0 + 26^2 = 41 + 90 + 90 + 200 + 262
 \end{aligned}$$

2.2.585 Number 684

$$\begin{aligned}
 684 &:= 1^1 + 6^1 + 26^2 + 35^0 = 11 + 61 + 262 + 350 \\
 684 &:= 1^9 + 4^0 + 5^4 + 57^1 = 19 + 40 + 54 + 571 \\
 684 &:= 2^1 + 5^1 + 26^2 + 35^0 = 21 + 51 + 262 + 350 \\
 684 &:= 2^9 + 3^3 + 12^2 + 50^0 = 29 + 33 + 122 + 500 \\
 684 &:= 3^1 + 4^1 + 26^2 + 35^0 = 31 + 41 + 262 + 350 \\
 684 &:= 1^1 + 5^1 + 10^0 + 26^0 + 26^2 = 11 + 51 + 100 + 260 + 262 \\
 684 &:= 1^1 + 5^1 + 11^0 + 25^0 + 26^2 = 11 + 51 + 110 + 250 + 262 \\
 684 &:= 1^1 + 5^1 + 12^0 + 24^0 + 26^2 = 11 + 51 + 120 + 240 + 262 \\
 684 &:= 1^1 + 5^1 + 13^0 + 23^0 + 26^2 = 11 + 51 + 130 + 230 + 262 \\
 684 &:= 1^1 + 5^1 + 14^0 + 22^0 + 26^2 = 11 + 51 + 140 + 220 + 262 \\
 684 &:= 1^1 + 5^1 + 15^0 + 21^0 + 26^2 = 11 + 51 + 150 + 210 + 262 \\
 684 &:= 1^1 + 5^1 + 16^0 + 20^0 + 26^2 = 11 + 51 + 160 + 200 + 262 \\
 684 &:= 1^1 + 5^1 + 17^0 + 19^0 + 26^2 = 11 + 51 + 170 + 190 + 262 \\
 684 &:= 1^1 + 5^1 + 18^0 + 18^0 + 26^2 = 11 + 51 + 180 + 180 + 262 \\
 684 &:= 1^1 + 5^1 + 9^0 + 26^2 + 27^0 = 11 + 51 + 90 + 262 + 270 \\
 684 &:= 1^2 + 2^9 + 12^2 + 26^0 + 26^1 = 12 + 29 + 122 + 260 + 261 \\
 684 &:= 1^3 + 2^8 + 18^0 + 20^2 + 26^1 = 13 + 28 + 180 + 202 + 261 \\
 684 &:= 1^3 + 2^9 + 13^2 + 24^0 + 27^0 = 13 + 29 + 132 + 240 + 270 \\
 684 &:= 1^3 + 2^9 + 13^2 + 25^0 + 26^0 = 13 + 29 + 132 + 250 + 260 \\
 684 &:= 1^4 + 2^7 + 16^0 + 23^2 + 25^1 = 14 + 27 + 160 + 232 + 251 \\
 684 &:= 1^6 + 2^5 + 14^0 + 25^1 + 25^2 = 16 + 25 + 140 + 251 + 252 \\
 684 &:= 1^7 + 3^4 + 14^0 + 24^2 + 25^1 = 17 + 34 + 140 + 242 + 251 \\
 684 &:= 1^7 + 4^4 + 16^0 + 20^2 + 26^1 = 17 + 44 + 160 + 202 + 261 \\
 684 &:= 1^8 + 4^2 + 15^2 + 21^2 + 26^0 = 18 + 42 + 152 + 212 + 260 \\
 684 &:= 1^8 + 6^3 + 14^0 + 21^2 + 25^1 = 18 + 63 + 140 + 212 + 251 \\
 684 &:= 1^8 + 7^3 + 15^1 + 18^2 + 26^0 = 18 + 73 + 151 + 182 + 260 \\
 684 &:= 1^8 + 8^3 + 12^2 + 20^0 + 26^1 = 18 + 83 + 122 + 200 + 261 \\
 684 &:= 1^9 + 14^0 + 15^2 + 16^1 + 21^2 = 19 + 140 + 152 + 161 + 212 \\
 684 &:= 1^9 + 4^0 + 16^2 + 20^2 + 26^1 = 19 + 40 + 162 + 202 + 261 \\
 684 &:= 1^9 + 6^1 + 10^2 + 24^2 + 26^0 = 19 + 61 + 102 + 242 + 260 \\
 684 &:= 1^9 + 6^2 + 14^0 + 21^1 + 25^2 = 19 + 62 + 140 + 211 + 252
 \end{aligned}$$

$$\begin{aligned}
 684 &:= 1^9 + 7^2 + 8^1 + 25^2 + 26^0 = 19 + 72 + 81 + 252 + 260 \\
 684 &:= 1^9 + 8^0 + 9^2 + 24^2 + 25^1 = 19 + 80 + 92 + 242 + 251 \\
 684 &:= 1^9 + 8^3 + 13^2 + 18^0 + 27^0 = 19 + 83 + 132 + 180 + 270 \\
 684 &:= 1^9 + 8^3 + 13^2 + 19^0 + 26^0 = 19 + 83 + 132 + 190 + 260 \\
 684 &:= 1^9 + 8^3 + 13^2 + 20^0 + 25^0 = 19 + 83 + 132 + 200 + 250 \\
 684 &:= 1^9 + 8^3 + 13^2 + 21^0 + 24^0 = 19 + 83 + 132 + 210 + 240 \\
 684 &:= 1^9 + 8^3 + 13^2 + 22^0 + 23^0 = 19 + 83 + 132 + 220 + 230 \\
 684 &:= 1^9 + 9^1 + 12^2 + 22^0 + 23^2 = 19 + 91 + 122 + 220 + 232 \\
 684 &:= 2^1 + 4^1 + 10^0 + 26^0 + 26^2 = 21 + 41 + 100 + 260 + 262 \\
 684 &:= 2^1 + 4^1 + 11^0 + 25^0 + 26^2 = 21 + 41 + 110 + 250 + 262 \\
 684 &:= 2^1 + 4^1 + 12^0 + 24^0 + 26^2 = 21 + 41 + 120 + 240 + 262 \\
 684 &:= 2^1 + 4^1 + 13^0 + 23^0 + 26^2 = 21 + 41 + 130 + 230 + 262 \\
 684 &:= 2^1 + 4^1 + 14^0 + 22^0 + 26^2 = 21 + 41 + 140 + 220 + 262 \\
 684 &:= 2^1 + 4^1 + 15^0 + 21^0 + 26^2 = 21 + 41 + 150 + 210 + 262 \\
 684 &:= 2^1 + 4^1 + 16^0 + 20^0 + 26^2 = 21 + 41 + 160 + 200 + 262 \\
 684 &:= 2^1 + 4^1 + 17^0 + 19^0 + 26^2 = 21 + 41 + 170 + 190 + 262 \\
 684 &:= 2^1 + 4^1 + 18^0 + 18^0 + 26^2 = 21 + 41 + 180 + 180 + 262 \\
 684 &:= 2^1 + 4^1 + 9^0 + 26^2 + 27^0 = 21 + 41 + 90 + 262 + 270 \\
 684 &:= 2^3 + 2^8 + 19^1 + 20^2 + 24^0 = 23 + 28 + 191 + 202 + 240 \\
 684 &:= 2^9 + 5^2 + 11^2 + 24^0 + 25^1 = 29 + 52 + 112 + 240 + 251 \\
 684 &:= 2^9 + 5^3 + 14^0 + 19^1 + 27^1 = 29 + 53 + 140 + 191 + 271 \\
 684 &:= 2^9 + 5^3 + 14^0 + 20^1 + 26^1 = 29 + 53 + 140 + 201 + 261 \\
 684 &:= 2^9 + 5^3 + 14^0 + 21^1 + 25^1 = 29 + 53 + 140 + 211 + 251 \\
 684 &:= 2^9 + 5^3 + 14^0 + 22^1 + 24^1 = 29 + 53 + 140 + 221 + 241 \\
 684 &:= 2^9 + 5^3 + 14^0 + 23^1 + 23^1 = 29 + 53 + 140 + 231 + 231 \\
 684 &:= 2^9 + 7^2 + 10^2 + 22^1 + 26^0 = 29 + 72 + 102 + 221 + 260 \\
 684 &:= 2^9 + 8^2 + 9^2 + 22^0 + 26^1 = 29 + 82 + 92 + 220 + 261 \\
 684 &:= 3^1 + 3^1 + 10^0 + 26^0 + 26^2 = 31 + 31 + 100 + 260 + 262 \\
 684 &:= 3^1 + 3^1 + 11^0 + 25^0 + 26^2 = 31 + 31 + 110 + 250 + 262 \\
 684 &:= 3^1 + 3^1 + 12^0 + 24^0 + 26^2 = 31 + 31 + 120 + 240 + 262 \\
 684 &:= 3^1 + 3^1 + 13^0 + 23^0 + 26^2 = 31 + 31 + 130 + 230 + 262
 \end{aligned}$$

$$\begin{aligned}
 684 &:= 3^1 + 3^1 + 14^0 + 22^0 + 26^2 = 31 + 31 + 140 + 220 + 262 \\
 684 &:= 3^1 + 3^1 + 15^0 + 21^0 + 26^2 = 31 + 31 + 150 + 210 + 262 \\
 684 &:= 3^1 + 3^1 + 16^0 + 20^0 + 26^2 = 31 + 31 + 160 + 200 + 262 \\
 684 &:= 3^1 + 3^1 + 17^0 + 19^0 + 26^2 = 31 + 31 + 170 + 190 + 262
 \end{aligned}$$

$$\begin{aligned}
 684 &:= 3^1 + 3^1 + 18^0 + 18^0 + 26^2 = 31 + 31 + 180 + 180 + 262 \\
 684 &:= 3^1 + 3^1 + 9^0 + 26^2 + 27^0 = 31 + 31 + 90 + 262 + 270
 \end{aligned}$$

2.2.586 Number 685

$$\begin{aligned}
 685 &:= 2^3 + 26^2 + 40^0 = 23 + 262 + 400 \\
 685 &:= 4^0 + 5^4 + 59^1 = 40 + 54 + 591 \\
 685 &:= 1^0 + 4^0 + 5^4 + 58^1 = 10 + 40 + 54 + 581 \\
 685 &:= 1^2 + 7^1 + 26^2 + 34^0 = 12 + 71 + 262 + 340 \\
 685 &:= 11^1 + 12^2 + 22^0 + 23^2 = 111 + 122 + 220 + 232 \\
 685 &:= 14^0 + 15^2 + 18^1 + 21^2 = 140 + 152 + 181 + 212 \\
 685 &:= 2^0 + 13^2 + 22^2 + 31^1 = 20 + 132 + 222 + 311 \\
 685 &:= 2^0 + 3^0 + 5^4 + 58^1 = 20 + 30 + 54 + 581 \\
 685 &:= 2^2 + 4^1 + 26^2 + 36^0 = 22 + 41 + 262 + 360 \\
 685 &:= 2^5 + 2^7 + 22^2 + 41^1 = 25 + 27 + 222 + 411 \\
 685 &:= 4^0 + 16^2 + 20^2 + 28^1 = 40 + 162 + 202 + 281 \\
 685 &:= 4^0 + 5^2 + 25^2 + 34^1 = 40 + 52 + 252 + 341 \\
 685 &:= 4^0 + 5^4 + 59^1 = 40 + 54 + 591 \\
 685 &:= 4^1 + 14^2 + 22^2 + 28^0 = 41 + 142 + 222 + 280 \\
 685 &:= 6^2 + 14^0 + 23^1 + 25^2 = 62 + 140 + 231 + 252 \\
 685 &:= 7^2 + 10^1 + 25^2 + 26^0 = 72 + 101 + 252 + 260 \\
 685 &:= 8^0 + 9^2 + 24^2 + 27^1 = 80 + 92 + 242 + 271 \\
 685 &:= 8^1 + 10^2 + 24^2 + 26^0 = 81 + 102 + 242 + 260 \\
 685 &:= 1^0 + 10^1 + 12^2 + 22^0 + 23^2 = 10 + 101 + 122 + 220 + 232 \\
 685 &:= 1^0 + 14^0 + 15^2 + 17^1 + 21^2 = 10 + 140 + 152 + 171 + 212 \\
 685 &:= 1^0 + 4^0 + 16^2 + 20^2 + 27^1 = 10 + 40 + 162 + 202 + 271 \\
 685 &:= 1^0 + 6^2 + 14^0 + 22^1 + 25^2 = 10 + 62 + 140 + 221 + 252 \\
 685 &:= 1^0 + 7^1 + 10^2 + 24^2 + 26^0 = 10 + 71 + 102 + 242 + 260 \\
 685 &:= 1^0 + 7^2 + 9^1 + 25^2 + 26^0 = 10 + 72 + 91 + 252 + 260 \\
 685 &:= 1^0 + 8^0 + 9^2 + 24^2 + 26^1 = 10 + 80 + 92 + 242 + 261 \\
 685 &:= 1^2 + 6^1 + 10^0 + 25^0 + 26^2 = 12 + 61 + 100 + 250 + 262 \\
 685 &:= 1^2 + 6^1 + 11^0 + 24^0 + 26^2 = 12 + 61 + 110 + 240 + 262 \\
 685 &:= 1^2 + 6^1 + 12^0 + 23^0 + 26^2 = 12 + 61 + 120 + 230 + 262 \\
 685 &:= 1^2 + 6^1 + 13^0 + 22^0 + 26^2 = 12 + 61 + 130 + 220 + 262 \\
 685 &:= 1^2 + 6^1 + 14^0 + 21^0 + 26^2 = 12 + 61 + 140 + 210 + 262 \\
 685 &:= 1^2 + 6^1 + 15^0 + 20^0 + 26^2 = 12 + 61 + 150 + 200 + 262 \\
 685 &:= 1^2 + 6^1 + 16^0 + 19^0 + 26^2 = 12 + 61 + 160 + 190 + 262
 \end{aligned}$$

$$\begin{aligned}
 685 &:= 1^2 + 6^1 + 17^0 + 18^0 + 26^2 = 12 + 61 + 170 + 180 + 262 \\
 685 &:= 1^2 + 6^1 + 8^0 + 26^2 + 27^0 = 12 + 61 + 80 + 262 + 270 \\
 685 &:= 1^2 + 6^1 + 9^0 + 26^0 + 26^2 = 12 + 61 + 90 + 260 + 262 \\
 685 &:= 1^3 + 2^9 + 12^2 + 25^0 + 27^1 = 13 + 29 + 122 + 250 + 271 \\
 685 &:= 1^4 + 2^8 + 17^0 + 20^2 + 27^1 = 14 + 28 + 170 + 202 + 271 \\
 685 &:= 1^5 + 2^7 + 15^0 + 23^2 + 26^1 = 15 + 27 + 150 + 232 + 261 \\
 685 &:= 1^7 + 2^5 + 13^0 + 25^2 + 26^1 = 17 + 25 + 130 + 252 + 261 \\
 685 &:= 1^8 + 13^2 + 13^2 + 18^2 + 22^1 = 18 + 132 + 132 + 182 + 221 \\
 685 &:= 1^8 + 3^2 + 18^2 + 18^2 + 27^1 = 18 + 32 + 182 + 182 + 271 \\
 685 &:= 1^8 + 3^3 + 16^2 + 20^2 + 27^0 = 18 + 33 + 162 + 202 + 270 \\
 685 &:= 1^8 + 3^4 + 13^0 + 24^2 + 26^1 = 18 + 34 + 130 + 242 + 261 \\
 685 &:= 1^8 + 4^4 + 15^0 + 20^2 + 27^1 = 18 + 44 + 150 + 202 + 271 \\
 685 &:= 1^8 + 7^2 + 13^2 + 21^2 + 25^1 = 18 + 72 + 132 + 212 + 251 \\
 685 &:= 1^8 + 8^2 + 14^2 + 20^2 + 24^1 = 18 + 82 + 142 + 202 + 241 \\
 685 &:= 1^8 + 8^2 + 8^2 + 23^2 + 27^1 = 18 + 82 + 82 + 232 + 271 \\
 685 &:= 1^8 + 9^2 + 16^2 + 18^2 + 23^1 = 18 + 92 + 162 + 182 + 231 \\
 685 &:= 1^9 + 10^1 + 13^2 + 21^1 + 22^2 = 19 + 101 + 132 + 211 + 222 \\
 685 &:= 1^9 + 11^1 + 13^2 + 20^1 + 22^2 = 19 + 111 + 132 + 201 + 222 \\
 685 &:= 1^9 + 11^2 + 11^2 + 21^2 + 23^0 = 19 + 112 + 112 + 212 + 230 \\
 685 &:= 1^9 + 12^1 + 13^2 + 19^1 + 22^2 = 19 + 121 + 132 + 191 + 222 \\
 685 &:= 1^9 + 13^1 + 13^2 + 18^1 + 22^2 = 19 + 131 + 132 + 181 + 222 \\
 685 &:= 1^9 + 13^2 + 14^1 + 17^1 + 22^2 = 19 + 132 + 141 + 171 + 222 \\
 685 &:= 1^9 + 13^2 + 15^1 + 16^1 + 22^2 = 19 + 132 + 151 + 161 + 222 \\
 685 &:= 1^9 + 13^2 + 15^2 + 17^2 + 21^0 = 19 + 132 + 152 + 172 + 210 \\
 685 &:= 1^9 + 4^1 + 13^2 + 22^2 + 27^1 = 19 + 41 + 132 + 222 + 271 \\
 685 &:= 1^9 + 5^1 + 13^2 + 22^2 + 26^1 = 19 + 51 + 132 + 222 + 261 \\
 685 &:= 1^9 + 6^1 + 13^2 + 22^2 + 25^1 = 19 + 61 + 132 + 222 + 251 \\
 685 &:= 1^9 + 6^3 + 13^0 + 21^2 + 26^1 = 19 + 63 + 130 + 212 + 261 \\
 685 &:= 1^9 + 7^1 + 13^2 + 22^2 + 24^1 = 19 + 71 + 132 + 222 + 241 \\
 685 &:= 1^9 + 7^3 + 16^1 + 18^2 + 25^0 = 19 + 73 + 161 + 182 + 250 \\
 685 &:= 1^9 + 8^1 + 13^2 + 22^2 + 23^1 = 19 + 81 + 132 + 222 + 231 \\
 685 &:= 1^9 + 8^3 + 12^2 + 19^0 + 27^1 = 19 + 83 + 122 + 190 + 271
 \end{aligned}$$

$$\begin{aligned} 685 &:= 1^9 + 9^1 + 13^2 + 22^1 + 22^2 = 19 + 91 + 132 + 221 + 222 & 685 &:= 3^1 + 11^0 + 14^2 + 18^0 + 22^2 = 31 + 110 + 142 + 180 + 222 \\ 685 &:= 10^0 + 10^1 + 12^2 + 13^0 + 23^2 = 100 + 101 + 122 + 130 + 232 & 685 &:= 3^1 + 12^0 + 14^2 + 17^0 + 22^2 = 31 + 120 + 142 + 170 + 222 \\ 685 &:= 10^1 + 11^0 + 12^0 + 12^2 + 23^2 = 101 + 110 + 120 + 122 + 232 & 685 &:= 3^1 + 13^0 + 14^2 + 16^0 + 22^2 = 31 + 130 + 142 + 160 + 222 \\ 685 &:= 2^0 + 10^1 + 12^2 + 21^0 + 23^2 = 20 + 101 + 122 + 210 + 232 & 685 &:= 3^1 + 14^0 + 14^2 + 15^0 + 22^2 = 31 + 140 + 142 + 150 + 222 \\ 685 &:= 2^0 + 13^0 + 15^2 + 17^1 + 21^2 = 20 + 130 + 152 + 171 + 212 & 685 &:= 3^1 + 4^0 + 14^2 + 22^2 + 25^0 = 31 + 40 + 142 + 222 + 250 \\ 685 &:= 2^0 + 3^0 + 16^2 + 20^2 + 27^1 = 20 + 30 + 162 + 202 + 271 & 685 &:= 3^1 + 5^0 + 14^2 + 22^2 + 24^0 = 31 + 50 + 142 + 222 + 240 \\ 685 &:= 2^0 + 3^1 + 14^2 + 22^2 + 27^0 = 20 + 31 + 142 + 222 + 270 & 685 &:= 3^1 + 6^0 + 14^2 + 22^2 + 23^0 = 31 + 60 + 142 + 222 + 230 \\ 685 &:= 2^0 + 6^2 + 13^0 + 22^1 + 25^2 = 20 + 62 + 130 + 221 + 252 & 685 &:= 3^1 + 7^0 + 14^2 + 22^0 + 22^2 = 31 + 70 + 142 + 220 + 222 \\ 685 &:= 2^0 + 7^0 + 9^2 + 24^2 + 26^1 = 20 + 70 + 92 + 242 + 261 & 685 &:= 3^1 + 8^0 + 14^2 + 21^0 + 22^2 = 31 + 80 + 142 + 210 + 222 \\ 685 &:= 2^0 + 7^1 + 10^2 + 24^2 + 25^0 = 20 + 71 + 102 + 242 + 250 & 685 &:= 3^1 + 9^0 + 14^2 + 20^0 + 22^2 = 31 + 90 + 142 + 200 + 222 \\ 685 &:= 2^0 + 7^2 + 9^1 + 25^0 + 25^2 = 20 + 72 + 91 + 250 + 252 & 685 &:= 4^0 + 10^1 + 12^2 + 19^0 + 23^2 = 40 + 101 + 122 + 190 + 232 \\ 685 &:= 2^2 + 3^1 + 10^0 + 26^2 + 27^0 = 22 + 31 + 100 + 262 + 270 & 685 &:= 4^0 + 11^0 + 15^2 + 17^1 + 21^2 = 40 + 110 + 152 + 171 + 212 \\ 685 &:= 2^2 + 3^1 + 11^0 + 26^0 + 26^2 = 22 + 31 + 110 + 260 + 262 & 685 &:= 4^0 + 5^0 + 9^2 + 24^2 + 26^1 = 40 + 50 + 92 + 242 + 261 \\ 685 &:= 2^2 + 3^1 + 12^0 + 25^0 + 26^2 = 22 + 31 + 120 + 250 + 262 & 685 &:= 4^0 + 6^2 + 11^0 + 22^1 + 25^2 = 40 + 62 + 110 + 221 + 252 \\ 685 &:= 2^2 + 3^1 + 13^0 + 24^0 + 26^2 = 22 + 31 + 130 + 240 + 262 & 685 &:= 4^0 + 7^1 + 10^2 + 23^0 + 24^2 = 40 + 71 + 102 + 230 + 242 \\ 685 &:= 2^2 + 3^1 + 14^0 + 23^0 + 26^2 = 22 + 31 + 140 + 230 + 262 & 685 &:= 4^0 + 7^2 + 9^1 + 23^0 + 25^2 = 40 + 72 + 91 + 230 + 252 \\ 685 &:= 2^2 + 3^1 + 15^0 + 22^0 + 26^2 = 22 + 31 + 150 + 220 + 262 & 685 &:= 5^0 + 10^0 + 15^2 + 17^1 + 21^2 = 50 + 100 + 152 + 171 + 212 \\ 685 &:= 2^2 + 3^1 + 16^0 + 21^0 + 26^2 = 22 + 31 + 160 + 210 + 262 & 685 &:= 5^0 + 10^1 + 12^2 + 18^0 + 23^2 = 50 + 101 + 122 + 180 + 232 \\ 685 &:= 2^2 + 3^1 + 17^0 + 20^0 + 26^2 = 22 + 31 + 170 + 200 + 262 & 685 &:= 5^0 + 6^2 + 10^0 + 22^1 + 25^2 = 50 + 62 + 100 + 221 + 252 \\ 685 &:= 2^2 + 3^1 + 18^0 + 19^0 + 26^2 = 22 + 31 + 180 + 190 + 262 & 685 &:= 5^0 + 7^1 + 10^2 + 22^0 + 24^2 = 50 + 71 + 102 + 220 + 242 \\ 685 &:= 2^6 + 2^6 + 13^0 + 23^2 + 27^1 = 26 + 26 + 130 + 232 + 271 & 685 &:= 5^0 + 7^2 + 9^1 + 22^0 + 25^2 = 50 + 72 + 91 + 220 + 252 \\ 685 &:= 2^7 + 3^5 + 17^2 + 21^0 + 24^1 = 27 + 35 + 172 + 210 + 241 & 685 &:= 6^0 + 10^1 + 12^2 + 17^0 + 23^2 = 60 + 101 + 122 + 170 + 232 \\ 685 &:= 2^7 + 4^4 + 16^2 + 18^1 + 27^1 = 27 + 44 + 162 + 181 + 271 & 685 &:= 6^0 + 6^2 + 9^0 + 22^1 + 25^2 = 60 + 62 + 90 + 221 + 252 \\ 685 &:= 2^7 + 4^4 + 16^2 + 19^1 + 26^1 = 27 + 44 + 162 + 191 + 261 & 685 &:= 6^0 + 7^1 + 10^2 + 21^0 + 24^2 = 60 + 71 + 102 + 210 + 242 \\ 685 &:= 2^7 + 4^4 + 16^2 + 20^1 + 25^1 = 27 + 44 + 162 + 201 + 251 & 685 &:= 6^0 + 7^2 + 9^1 + 21^0 + 25^2 = 60 + 72 + 91 + 210 + 252 \\ 685 &:= 2^7 + 4^4 + 16^2 + 21^1 + 24^1 = 27 + 44 + 162 + 211 + 241 & 685 &:= 6^0 + 9^0 + 15^2 + 17^1 + 21^2 = 60 + 90 + 152 + 171 + 212 \\ 685 &:= 2^7 + 4^4 + 16^2 + 22^1 + 23^1 = 27 + 44 + 162 + 221 + 231 & 685 &:= 6^2 + 7^0 + 8^0 + 22^1 + 25^2 = 62 + 70 + 80 + 221 + 252 \\ 685 &:= 2^8 + 3^4 + 18^2 + 21^0 + 23^1 = 28 + 34 + 182 + 210 + 231 & 685 &:= 7^0 + 10^1 + 12^2 + 16^0 + 23^2 = 70 + 101 + 122 + 160 + 232 \\ 685 &:= 2^9 + 3^3 + 11^2 + 24^1 + 27^0 = 29 + 33 + 112 + 241 + 270 & 685 &:= 7^0 + 7^1 + 10^2 + 20^0 + 24^2 = 70 + 71 + 102 + 200 + 242 \\ 685 &:= 2^9 + 4^3 + 9^2 + 25^0 + 27^1 = 29 + 43 + 92 + 250 + 271 & 685 &:= 7^0 + 7^2 + 9^1 + 20^0 + 25^2 = 70 + 72 + 91 + 200 + 252 \\ 685 &:= 3^0 + 10^1 + 12^2 + 20^0 + 23^2 = 30 + 101 + 122 + 200 + 232 & 685 &:= 7^0 + 8^0 + 15^2 + 17^1 + 21^2 = 70 + 80 + 152 + 171 + 212 \\ 685 &:= 3^0 + 12^0 + 15^2 + 17^1 + 21^2 = 30 + 120 + 152 + 171 + 212 & 685 &:= 7^1 + 10^0 + 10^2 + 17^0 + 24^2 = 71 + 100 + 102 + 170 + 242 \\ 685 &:= 3^0 + 3^1 + 14^2 + 22^2 + 26^0 = 30 + 31 + 142 + 222 + 260 & 685 &:= 7^1 + 10^2 + 11^0 + 16^0 + 24^2 = 71 + 102 + 110 + 160 + 242 \\ 685 &:= 3^0 + 6^0 + 9^2 + 24^2 + 26^1 = 30 + 60 + 92 + 242 + 261 & 685 &:= 7^1 + 10^2 + 12^0 + 15^0 + 24^2 = 71 + 102 + 120 + 150 + 242 \\ 685 &:= 3^0 + 6^2 + 12^0 + 22^1 + 25^2 = 30 + 62 + 120 + 221 + 252 & 685 &:= 7^1 + 10^2 + 13^0 + 14^0 + 24^2 = 71 + 102 + 130 + 140 + 242 \\ 685 &:= 3^0 + 7^1 + 10^2 + 24^0 + 24^2 = 30 + 71 + 102 + 240 + 242 & 685 &:= 7^1 + 8^0 + 10^2 + 19^0 + 24^2 = 71 + 80 + 102 + 190 + 242 \\ 685 &:= 3^0 + 7^2 + 9^1 + 24^0 + 25^2 = 30 + 72 + 91 + 240 + 252 & 685 &:= 7^1 + 9^0 + 10^2 + 18^0 + 24^2 = 71 + 90 + 102 + 180 + 242 \\ 685 &:= 3^1 + 10^0 + 14^2 + 19^0 + 22^2 = 31 + 100 + 142 + 190 + 222 & 685 &:= 7^2 + 8^0 + 9^1 + 19^0 + 25^2 = 72 + 80 + 91 + 190 + 252 \end{aligned}$$

$$\begin{aligned}
 685 &:= 7^2 + 9^0 + 9^1 + 18^0 + 25^2 = 72 + 90 + 91 + 180 + 252 \\
 685 &:= 7^2 + 9^1 + 10^0 + 17^0 + 25^2 = 72 + 91 + 100 + 170 + 252 \\
 685 &:= 7^2 + 9^1 + 11^0 + 16^0 + 25^2 = 72 + 91 + 110 + 160 + 252 \\
 685 &:= 7^2 + 9^1 + 12^0 + 15^0 + 25^2 = 72 + 91 + 120 + 150 + 252
 \end{aligned}$$

$$\begin{aligned}
 685 &:= 7^2 + 9^1 + 13^0 + 14^0 + 25^2 = 72 + 91 + 130 + 140 + 252 \\
 685 &:= 8^0 + 10^1 + 12^2 + 15^0 + 23^2 = 80 + 101 + 122 + 150 + 232 \\
 685 &:= 9^0 + 10^1 + 12^2 + 14^0 + 23^2 = 90 + 101 + 122 + 140 + 232
 \end{aligned}$$

2.2.587 Number 686

$$\begin{aligned}
 686 &:= 1^1 + 13^2 + 22^2 + 32^1 = 11 + 132 + 222 + 321 \\
 686 &:= 1^1 + 2^3 + 26^2 + 39^0 = 11 + 23 + 262 + 390 \\
 686 &:= 1^1 + 3^0 + 5^4 + 59^1 = 11 + 30 + 54 + 591 \\
 686 &:= 1^3 + 8^1 + 26^2 + 33^0 = 13 + 81 + 262 + 330 \\
 686 &:= 1^9 + 3^5 + 21^2 + 42^0 = 19 + 35 + 212 + 420 \\
 686 &:= 10^1 + 13^2 + 22^2 + 23^1 = 101 + 132 + 222 + 231 \\
 686 &:= 10^2 + 12^2 + 21^2 + 25^0 = 102 + 122 + 212 + 250 \\
 686 &:= 11^1 + 13^2 + 22^1 + 22^2 = 111 + 132 + 221 + 222 \\
 686 &:= 12^1 + 13^2 + 21^1 + 22^2 = 121 + 132 + 211 + 222 \\
 686 &:= 13^1 + 13^2 + 20^1 + 22^2 = 131 + 132 + 201 + 222 \\
 686 &:= 13^2 + 14^1 + 19^1 + 22^2 = 132 + 141 + 191 + 222 \\
 686 &:= 13^2 + 15^1 + 18^1 + 22^2 = 132 + 151 + 181 + 222 \\
 686 &:= 13^2 + 16^1 + 17^1 + 22^2 = 132 + 161 + 171 + 222 \\
 686 &:= 2^1 + 13^2 + 22^2 + 31^1 = 21 + 132 + 222 + 311 \\
 686 &:= 2^1 + 3^0 + 5^4 + 58^1 = 21 + 30 + 54 + 581 \\
 686 &:= 3^0 + 3^1 + 5^4 + 57^1 = 30 + 31 + 54 + 571 \\
 686 &:= 3^0 + 4^1 + 5^4 + 56^1 = 30 + 41 + 54 + 561 \\
 686 &:= 3^0 + 5^1 + 5^4 + 55^1 = 30 + 51 + 54 + 551 \\
 686 &:= 3^0 + 5^4 + 10^1 + 50^1 = 30 + 54 + 101 + 501 \\
 686 &:= 3^0 + 5^4 + 11^1 + 49^1 = 30 + 54 + 111 + 491 \\
 686 &:= 3^0 + 5^4 + 12^1 + 48^1 = 30 + 54 + 121 + 481 \\
 686 &:= 3^0 + 5^4 + 13^1 + 47^1 = 30 + 54 + 131 + 471 \\
 686 &:= 3^0 + 5^4 + 14^1 + 46^1 = 30 + 54 + 141 + 461 \\
 686 &:= 3^0 + 5^4 + 15^1 + 45^1 = 30 + 54 + 151 + 451 \\
 686 &:= 3^0 + 5^4 + 16^1 + 44^1 = 30 + 54 + 161 + 441 \\
 686 &:= 3^0 + 5^4 + 17^1 + 43^1 = 30 + 54 + 171 + 431 \\
 686 &:= 3^0 + 5^4 + 18^1 + 42^1 = 30 + 54 + 181 + 421 \\
 686 &:= 3^0 + 5^4 + 19^1 + 41^1 = 30 + 54 + 191 + 411 \\
 686 &:= 3^0 + 5^4 + 20^1 + 40^1 = 30 + 54 + 201 + 401 \\
 686 &:= 3^0 + 5^4 + 21^1 + 39^1 = 30 + 54 + 211 + 391 \\
 686 &:= 3^0 + 5^4 + 22^1 + 38^1 = 30 + 54 + 221 + 381
 \end{aligned}$$

$$\begin{aligned}
 686 &:= 3^0 + 5^4 + 23^1 + 37^1 = 30 + 54 + 231 + 371 \\
 686 &:= 3^0 + 5^4 + 24^1 + 36^1 = 30 + 54 + 241 + 361 \\
 686 &:= 3^0 + 5^4 + 25^1 + 35^1 = 30 + 54 + 251 + 351 \\
 686 &:= 3^0 + 5^4 + 26^1 + 34^1 = 30 + 54 + 261 + 341 \\
 686 &:= 3^0 + 5^4 + 27^1 + 33^1 = 30 + 54 + 271 + 331 \\
 686 &:= 3^0 + 5^4 + 28^1 + 32^1 = 30 + 54 + 281 + 321 \\
 686 &:= 3^0 + 5^4 + 29^1 + 31^1 = 30 + 54 + 291 + 311 \\
 686 &:= 3^0 + 5^4 + 30^1 + 30^1 = 30 + 54 + 301 + 301 \\
 686 &:= 3^0 + 5^4 + 6^1 + 54^1 = 30 + 54 + 61 + 541 \\
 686 &:= 3^0 + 5^4 + 7^1 + 53^1 = 30 + 54 + 71 + 531 \\
 686 &:= 3^0 + 5^4 + 8^1 + 52^1 = 30 + 54 + 81 + 521 \\
 686 &:= 3^0 + 5^4 + 9^1 + 51^1 = 30 + 54 + 91 + 511 \\
 686 &:= 3^1 + 13^2 + 22^2 + 30^1 = 31 + 132 + 222 + 301 \\
 686 &:= 3^2 + 10^2 + 24^2 + 31^0 = 32 + 102 + 242 + 310 \\
 686 &:= 3^3 + 7^0 + 25^2 + 33^1 = 33 + 70 + 252 + 331 \\
 686 &:= 4^1 + 13^2 + 22^2 + 29^1 = 41 + 132 + 222 + 291 \\
 686 &:= 4^1 + 8^3 + 13^2 + 43^0 = 41 + 83 + 132 + 430 \\
 686 &:= 5^1 + 13^2 + 22^2 + 28^1 = 51 + 132 + 222 + 281 \\
 686 &:= 5^3 + 9^0 + 23^2 + 31^1 = 53 + 90 + 232 + 311 \\
 686 &:= 6^1 + 13^2 + 22^2 + 27^1 = 61 + 132 + 222 + 271 \\
 686 &:= 6^3 + 13^0 + 21^2 + 28^1 = 63 + 130 + 212 + 281 \\
 686 &:= 7^1 + 13^2 + 22^2 + 26^1 = 71 + 132 + 222 + 261 \\
 686 &:= 7^3 + 18^1 + 18^2 + 25^0 = 73 + 181 + 182 + 250 \\
 686 &:= 8^1 + 13^2 + 22^2 + 25^1 = 81 + 132 + 222 + 251 \\
 686 &:= 8^3 + 12^2 + 19^0 + 29^1 = 83 + 122 + 190 + 291 \\
 686 &:= 9^1 + 13^2 + 22^2 + 24^1 = 91 + 132 + 222 + 241 \\
 686 &:= 1^0 + 10^1 + 13^2 + 22^1 + 22^2 = 10 + 101 + 132 + 221 + 222 \\
 686 &:= 1^0 + 10^2 + 10^2 + 22^2 + 25^0 = 10 + 102 + 102 + 222 + 250 \\
 686 &:= 1^0 + 11^1 + 13^2 + 21^1 + 22^2 = 10 + 111 + 132 + 211 + 222 \\
 686 &:= 1^0 + 12^1 + 13^2 + 20^1 + 22^2 = 10 + 121 + 132 + 201 + 222 \\
 686 &:= 1^0 + 13^1 + 13^2 + 19^1 + 22^2 = 10 + 131 + 132 + 191 + 222
 \end{aligned}$$

$$\begin{aligned} 686 &:= 1^0 + 13^2 + 14^1 + 18^1 + 22^2 = 10 + 132 + 141 + 181 + 222 & 686 &:= 2^0 + 6^3 + 12^0 + 21^2 + 27^1 = 20 + 63 + 120 + 212 + 271 \\ 686 &:= 1^0 + 13^2 + 15^1 + 17^1 + 22^2 = 10 + 132 + 151 + 171 + 222 & 686 &:= 2^0 + 7^3 + 17^1 + 18^2 + 24^0 = 20 + 73 + 171 + 182 + 240 \\ 686 &:= 1^0 + 13^2 + 16^1 + 16^1 + 22^2 = 10 + 132 + 161 + 161 + 222 & 686 &:= 2^1 + 10^1 + 12^2 + 21^0 + 23^2 = 21 + 101 + 122 + 210 + 232 \\ 686 &:= 1^0 + 5^1 + 13^2 + 22^2 + 27^1 = 10 + 51 + 132 + 222 + 271 & 686 &:= 2^1 + 13^0 + 15^2 + 17^1 + 21^2 = 21 + 130 + 152 + 171 + 212 \\ 686 &:= 1^0 + 6^1 + 13^2 + 22^2 + 26^1 = 10 + 61 + 132 + 222 + 261 & 686 &:= 2^1 + 3^0 + 16^2 + 20^2 + 27^1 = 21 + 30 + 162 + 202 + 271 \\ 686 &:= 1^0 + 6^2 + 18^2 + 18^2 + 25^0 = 10 + 62 + 182 + 182 + 250 & 686 &:= 2^1 + 3^1 + 14^2 + 22^2 + 27^0 = 21 + 31 + 142 + 222 + 270 \\ 686 &:= 1^0 + 6^3 + 13^0 + 21^2 + 27^1 = 10 + 63 + 130 + 212 + 271 & 686 &:= 2^1 + 6^2 + 13^0 + 22^1 + 25^2 = 21 + 62 + 130 + 221 + 252 \\ 686 &:= 1^0 + 7^1 + 13^2 + 22^2 + 25^1 = 10 + 71 + 132 + 222 + 251 & 686 &:= 2^1 + 7^0 + 9^2 + 24^2 + 26^1 = 21 + 70 + 92 + 242 + 261 \\ 686 &:= 1^0 + 7^3 + 17^1 + 18^2 + 25^0 = 10 + 73 + 171 + 182 + 250 & 686 &:= 2^1 + 7^1 + 10^2 + 24^2 + 25^0 = 21 + 71 + 102 + 242 + 250 \\ 686 &:= 1^0 + 8^1 + 13^2 + 22^2 + 24^1 = 10 + 81 + 132 + 222 + 241 & 686 &:= 2^1 + 7^2 + 9^1 + 25^0 + 25^2 = 21 + 72 + 91 + 250 + 252 \\ 686 &:= 1^0 + 9^1 + 13^2 + 22^2 + 23^1 = 10 + 91 + 132 + 222 + 231 & 686 &:= 2^2 + 10^0 + 14^2 + 20^0 + 22^2 = 22 + 100 + 142 + 200 + 222 \\ 686 &:= 1^1 + 11^1 + 12^2 + 21^0 + 23^2 = 11 + 111 + 122 + 210 + 232 & 686 &:= 2^2 + 11^0 + 14^2 + 19^0 + 22^2 = 22 + 110 + 142 + 190 + 222 \\ 686 &:= 1^1 + 13^0 + 15^2 + 18^1 + 21^2 = 11 + 130 + 152 + 181 + 212 & 686 &:= 2^2 + 12^0 + 14^2 + 18^0 + 22^2 = 22 + 120 + 142 + 180 + 222 \\ 686 &:= 1^1 + 4^1 + 14^2 + 22^2 + 27^0 = 11 + 41 + 142 + 222 + 270 & 686 &:= 2^2 + 13^0 + 14^2 + 17^0 + 22^2 = 22 + 130 + 142 + 170 + 222 \\ 686 &:= 1^1 + 6^2 + 13^0 + 23^1 + 25^2 = 11 + 62 + 130 + 231 + 252 & 686 &:= 2^2 + 14^0 + 14^2 + 16^0 + 22^2 = 22 + 140 + 142 + 160 + 222 \\ 686 &:= 1^1 + 7^0 + 9^2 + 24^2 + 27^1 = 11 + 70 + 92 + 242 + 271 & 686 &:= 2^2 + 14^2 + 15^0 + 15^0 + 22^2 = 22 + 142 + 150 + 150 + 222 \\ 686 &:= 1^1 + 7^2 + 10^1 + 25^0 + 25^2 = 11 + 72 + 101 + 250 + 252 & 686 &:= 2^2 + 2^2 + 11^0 + 26^2 + 27^0 = 22 + 22 + 110 + 262 + 270 \\ 686 &:= 1^1 + 8^1 + 10^2 + 24^2 + 25^0 = 11 + 81 + 102 + 242 + 250 & 686 &:= 2^2 + 2^2 + 12^0 + 26^0 + 26^2 = 22 + 22 + 120 + 260 + 262 \\ 686 &:= 1^3 + 7^0 + 7^1 + 26^2 + 27^0 = 13 + 70 + 71 + 262 + 270 & 686 &:= 2^2 + 2^2 + 13^0 + 25^0 + 26^2 = 22 + 22 + 130 + 250 + 262 \\ 686 &:= 1^3 + 7^1 + 10^0 + 24^0 + 26^2 = 13 + 71 + 100 + 240 + 262 & 686 &:= 2^2 + 2^2 + 14^0 + 24^0 + 26^2 = 22 + 22 + 140 + 240 + 262 \\ 686 &:= 1^3 + 7^1 + 11^0 + 23^0 + 26^2 = 13 + 71 + 110 + 230 + 262 & 686 &:= 2^2 + 2^2 + 15^0 + 23^0 + 26^2 = 22 + 22 + 150 + 230 + 262 \\ 686 &:= 1^3 + 7^1 + 12^0 + 22^0 + 26^2 = 13 + 71 + 120 + 220 + 262 & 686 &:= 2^2 + 2^2 + 16^0 + 22^0 + 26^2 = 22 + 22 + 160 + 220 + 262 \\ 686 &:= 1^3 + 7^1 + 13^0 + 21^0 + 26^2 = 13 + 71 + 130 + 210 + 262 & 686 &:= 2^2 + 2^2 + 17^0 + 21^0 + 26^2 = 22 + 22 + 170 + 210 + 262 \\ 686 &:= 1^3 + 7^1 + 14^0 + 20^0 + 26^2 = 13 + 71 + 140 + 200 + 262 & 686 &:= 2^2 + 2^2 + 18^0 + 20^0 + 26^2 = 22 + 22 + 180 + 200 + 262 \\ 686 &:= 1^3 + 7^1 + 15^0 + 19^0 + 26^2 = 13 + 71 + 150 + 190 + 262 & 686 &:= 2^2 + 2^2 + 19^0 + 19^0 + 26^2 = 22 + 22 + 190 + 190 + 262 \\ 686 &:= 1^3 + 7^1 + 16^0 + 18^0 + 26^2 = 13 + 71 + 160 + 180 + 262 & 686 &:= 2^2 + 3^0 + 14^2 + 22^2 + 27^0 = 22 + 30 + 142 + 222 + 270 \\ 686 &:= 1^3 + 7^1 + 17^0 + 17^0 + 26^2 = 13 + 71 + 170 + 170 + 262 & 686 &:= 2^2 + 4^0 + 14^2 + 22^2 + 26^0 = 22 + 40 + 142 + 222 + 260 \\ 686 &:= 1^3 + 7^1 + 8^0 + 26^0 + 26^2 = 13 + 71 + 80 + 260 + 262 & 686 &:= 2^2 + 5^0 + 14^2 + 22^2 + 25^0 = 22 + 50 + 142 + 222 + 250 \\ 686 &:= 1^3 + 7^1 + 9^0 + 25^0 + 26^2 = 13 + 71 + 90 + 250 + 262 & 686 &:= 2^2 + 6^0 + 14^2 + 22^2 + 24^0 = 22 + 60 + 142 + 222 + 240 \\ 686 &:= 1^6 + 2^7 + 14^0 + 23^2 + 27^1 = 16 + 27 + 140 + 232 + 271 & 686 &:= 2^2 + 7^0 + 14^2 + 22^2 + 23^0 = 22 + 70 + 142 + 222 + 230 \\ 686 &:= 1^8 + 2^5 + 12^0 + 25^2 + 27^1 = 18 + 25 + 120 + 252 + 271 & 686 &:= 2^2 + 8^0 + 14^2 + 22^0 + 22^2 = 22 + 80 + 142 + 220 + 222 \\ 686 &:= 1^9 + 3^4 + 12^0 + 24^2 + 27^1 = 19 + 34 + 120 + 242 + 271 & 686 &:= 2^2 + 9^0 + 14^2 + 21^0 + 22^2 = 22 + 90 + 142 + 210 + 222 \\ 686 &:= 10^0 + 10^2 + 10^2 + 16^0 + 22^2 = 100 + 102 + 102 + 160 + 222 & 686 &:= 3^0 + 10^1 + 16^2 + 19^1 + 20^2 = 30 + 101 + 162 + 191 + 202 \\ 686 &:= 10^2 + 10^2 + 11^0 + 15^0 + 22^2 = 102 + 102 + 110 + 150 + 222 & 686 &:= 3^0 + 10^2 + 10^2 + 22^2 + 23^0 = 30 + 102 + 102 + 222 + 230 \\ 686 &:= 10^2 + 10^2 + 12^0 + 14^0 + 22^2 = 102 + 102 + 120 + 140 + 222 & 686 &:= 3^0 + 11^1 + 16^2 + 18^1 + 20^2 = 30 + 111 + 162 + 181 + 202 \\ 686 &:= 10^2 + 10^2 + 13^0 + 13^0 + 22^2 = 102 + 102 + 130 + 130 + 222 & 686 &:= 3^0 + 12^1 + 16^2 + 17^1 + 20^2 = 30 + 121 + 162 + 171 + 202 \\ 686 &:= 2^0 + 10^2 + 10^2 + 22^2 + 24^0 = 20 + 102 + 102 + 222 + 240 & 686 &:= 3^0 + 13^1 + 16^1 + 16^2 + 20^2 = 30 + 131 + 161 + 162 + 202 \\ 686 &:= 2^0 + 6^2 + 18^2 + 18^2 + 24^0 = 20 + 62 + 182 + 182 + 240 & 686 &:= 3^0 + 14^1 + 15^1 + 16^2 + 20^2 = 30 + 141 + 151 + 162 + 202 \end{aligned}$$

$$\begin{aligned} 686 &:= 3^0 + 3^1 + 16^2 + 20^2 + 26^1 = 30 + 31 + 162 + 202 + 261 & 686 &:= 4^1 + 6^2 + 13^0 + 20^1 + 25^2 = 41 + 62 + 130 + 201 + 252 \\ 686 &:= 3^0 + 4^1 + 16^2 + 20^2 + 25^1 = 30 + 41 + 162 + 202 + 251 & 686 &:= 4^1 + 7^0 + 9^2 + 24^1 + 24^2 = 41 + 70 + 92 + 241 + 242 \\ 686 &:= 3^0 + 5^1 + 16^2 + 20^2 + 24^1 = 30 + 51 + 162 + 202 + 241 & 686 &:= 4^1 + 7^1 + 7^2 + 25^0 + 25^2 = 41 + 71 + 72 + 250 + 252 \\ 686 &:= 3^0 + 5^2 + 10^1 + 25^1 + 25^2 = 30 + 52 + 101 + 251 + 252 & 686 &:= 4^1 + 8^1 + 12^2 + 21^0 + 23^2 = 41 + 81 + 122 + 210 + 232 \\ 686 &:= 3^0 + 5^2 + 11^1 + 24^1 + 25^2 = 30 + 52 + 111 + 241 + 252 & 686 &:= 5^0 + 10^2 + 10^2 + 21^0 + 22^2 = 50 + 102 + 102 + 210 + 222 \\ 686 &:= 3^0 + 5^2 + 12^1 + 23^1 + 25^2 = 30 + 52 + 121 + 231 + 252 & 686 &:= 5^0 + 6^2 + 18^2 + 18^2 + 21^0 = 50 + 62 + 182 + 182 + 210 \\ 686 &:= 3^0 + 5^2 + 13^1 + 22^1 + 25^2 = 30 + 52 + 131 + 221 + 252 & 686 &:= 5^0 + 6^3 + 9^0 + 21^2 + 27^1 = 50 + 63 + 90 + 212 + 271 \\ 686 &:= 3^0 + 5^2 + 14^1 + 21^1 + 25^2 = 30 + 52 + 141 + 211 + 252 & 686 &:= 5^0 + 7^3 + 17^1 + 18^2 + 21^0 = 50 + 73 + 171 + 182 + 210 \\ 686 &:= 3^0 + 5^2 + 15^1 + 20^1 + 25^2 = 30 + 52 + 151 + 201 + 252 & 686 &:= 5^1 + 13^0 + 14^1 + 15^2 + 21^2 = 51 + 130 + 141 + 152 + 212 \\ 686 &:= 3^0 + 5^2 + 16^1 + 19^1 + 25^2 = 30 + 52 + 161 + 191 + 252 & 686 &:= 5^1 + 6^1 + 7^2 + 25^0 + 25^2 = 51 + 61 + 72 + 250 + 252 \\ 686 &:= 3^0 + 5^2 + 17^1 + 18^1 + 25^2 = 30 + 52 + 171 + 181 + 252 & 686 &:= 5^1 + 6^2 + 13^0 + 19^1 + 25^2 = 51 + 62 + 130 + 191 + 252 \\ 686 &:= 3^0 + 5^2 + 8^1 + 25^2 + 27^1 = 30 + 52 + 81 + 252 + 271 & 686 &:= 5^1 + 7^0 + 9^2 + 23^1 + 24^2 = 51 + 70 + 92 + 231 + 242 \\ 686 &:= 3^0 + 5^2 + 9^1 + 25^2 + 26^1 = 30 + 52 + 91 + 252 + 261 & 686 &:= 5^1 + 7^1 + 12^2 + 21^0 + 23^2 = 51 + 71 + 122 + 210 + 232 \\ 686 &:= 3^0 + 6^1 + 16^2 + 20^2 + 23^1 = 30 + 61 + 162 + 202 + 231 & 686 &:= 6^0 + 10^2 + 10^2 + 20^0 + 22^2 = 60 + 102 + 102 + 200 + 222 \\ 686 &:= 3^0 + 6^2 + 18^2 + 18^2 + 23^0 = 30 + 62 + 182 + 182 + 230 & 686 &:= 6^0 + 6^2 + 18^2 + 18^2 + 20^0 = 60 + 62 + 182 + 182 + 200 \\ 686 &:= 3^0 + 6^3 + 11^0 + 21^2 + 27^1 = 30 + 63 + 110 + 212 + 271 & 686 &:= 6^0 + 6^3 + 8^0 + 21^2 + 27^1 = 60 + 63 + 80 + 212 + 271 \\ 686 &:= 3^0 + 7^1 + 16^2 + 20^2 + 22^1 = 30 + 71 + 162 + 202 + 221 & 686 &:= 6^0 + 7^3 + 17^1 + 18^2 + 20^0 = 60 + 73 + 171 + 182 + 200 \\ 686 &:= 3^0 + 7^3 + 17^1 + 18^2 + 23^0 = 30 + 73 + 171 + 182 + 230 & 686 &:= 6^1 + 13^0 + 13^1 + 15^2 + 21^2 = 61 + 130 + 131 + 152 + 212 \\ 686 &:= 3^0 + 8^1 + 16^2 + 20^2 + 21^1 = 30 + 81 + 162 + 202 + 211 & 686 &:= 6^1 + 6^1 + 12^2 + 21^0 + 23^2 = 61 + 61 + 122 + 210 + 232 \\ 686 &:= 3^0 + 9^1 + 16^2 + 20^1 + 20^2 = 30 + 91 + 162 + 201 + 202 & 686 &:= 6^1 + 6^2 + 13^0 + 18^1 + 25^2 = 61 + 62 + 130 + 181 + 252 \\ 686 &:= 3^1 + 13^0 + 15^2 + 16^1 + 21^2 = 31 + 130 + 152 + 161 + 212 & 686 &:= 6^1 + 7^0 + 9^2 + 22^1 + 24^2 = 61 + 70 + 92 + 221 + 242 \\ 686 &:= 3^1 + 6^1 + 10^2 + 24^2 + 25^0 = 31 + 61 + 102 + 242 + 250 & 686 &:= 6^2 + 10^0 + 16^0 + 18^2 + 18^2 = 62 + 100 + 160 + 182 + 182 \\ 686 &:= 3^1 + 6^2 + 13^0 + 21^1 + 25^2 = 31 + 62 + 130 + 211 + 252 & 686 &:= 6^2 + 10^1 + 13^0 + 14^1 + 25^2 = 62 + 101 + 130 + 141 + 252 \\ 686 &:= 3^1 + 7^0 + 9^2 + 24^2 + 25^1 = 31 + 70 + 92 + 242 + 251 & 686 &:= 6^2 + 11^0 + 15^0 + 18^2 + 18^2 = 62 + 110 + 150 + 182 + 182 \\ 686 &:= 3^1 + 7^2 + 8^1 + 25^0 + 25^2 = 31 + 72 + 81 + 250 + 252 & 686 &:= 6^2 + 11^1 + 13^0 + 13^1 + 25^2 = 62 + 111 + 130 + 131 + 252 \\ 686 &:= 3^1 + 8^3 + 13^2 + 17^0 + 27^0 = 31 + 83 + 132 + 170 + 270 & 686 &:= 6^2 + 12^0 + 14^0 + 18^2 + 18^2 = 62 + 120 + 140 + 182 + 182 \\ 686 &:= 3^1 + 8^3 + 13^2 + 18^0 + 26^0 = 31 + 83 + 132 + 180 + 260 & 686 &:= 6^2 + 12^1 + 12^1 + 13^0 + 25^2 = 62 + 121 + 121 + 130 + 252 \\ 686 &:= 3^1 + 8^3 + 13^2 + 19^0 + 25^0 = 31 + 83 + 132 + 190 + 250 & 686 &:= 6^2 + 13^0 + 13^0 + 18^2 + 18^2 = 62 + 130 + 130 + 182 + 182 \\ 686 &:= 3^1 + 8^3 + 13^2 + 20^0 + 24^0 = 31 + 83 + 132 + 200 + 240 & 686 &:= 6^2 + 7^0 + 18^2 + 18^2 + 19^0 = 62 + 70 + 182 + 182 + 190 \\ 686 &:= 3^1 + 8^3 + 13^2 + 21^0 + 23^0 = 31 + 83 + 132 + 210 + 230 & 686 &:= 6^2 + 7^1 + 13^0 + 17^1 + 25^2 = 62 + 71 + 130 + 171 + 252 \\ 686 &:= 3^1 + 8^3 + 13^2 + 22^0 + 22^0 = 31 + 83 + 132 + 220 + 220 & 686 &:= 6^2 + 8^0 + 18^0 + 18^2 + 18^2 = 62 + 80 + 180 + 182 + 182 \\ 686 &:= 3^1 + 9^1 + 12^2 + 21^0 + 23^2 = 31 + 91 + 122 + 210 + 232 & 686 &:= 6^2 + 8^1 + 13^0 + 16^1 + 25^2 = 62 + 81 + 130 + 161 + 252 \\ 686 &:= 4^0 + 10^2 + 10^2 + 22^0 + 22^2 = 40 + 102 + 102 + 220 + 222 & 686 &:= 6^2 + 9^0 + 17^0 + 18^2 + 18^2 = 62 + 90 + 170 + 182 + 182 \\ 686 &:= 4^0 + 6^2 + 18^2 + 18^2 + 22^0 = 40 + 62 + 182 + 182 + 220 & 686 &:= 6^2 + 9^1 + 13^0 + 15^1 + 25^2 = 62 + 91 + 130 + 151 + 252 \\ 686 &:= 4^0 + 6^3 + 10^0 + 21^2 + 27^1 = 40 + 63 + 100 + 212 + 271 & 686 &:= 6^3 + 7^0 + 7^0 + 21^2 + 27^1 = 63 + 70 + 70 + 212 + 271 \\ 686 &:= 4^0 + 7^3 + 17^1 + 18^2 + 22^0 = 40 + 73 + 171 + 182 + 220 & 686 &:= 7^0 + 10^2 + 10^2 + 19^0 + 22^2 = 70 + 102 + 102 + 190 + 222 \\ 686 &:= 4^1 + 13^0 + 15^1 + 15^2 + 21^2 = 41 + 130 + 151 + 152 + 212 & 686 &:= 7^0 + 7^1 + 9^2 + 21^1 + 24^2 = 70 + 71 + 92 + 211 + 242 \\ 686 &:= 4^1 + 5^1 + 10^2 + 24^2 + 25^0 = 41 + 51 + 102 + 242 + 250 & 686 &:= 7^0 + 7^3 + 17^1 + 18^2 + 19^0 = 70 + 73 + 171 + 182 + 190 \end{aligned}$$

$$\begin{aligned}
 686 &:= 7^0 + 8^1 + 9^2 + 20^1 + 24^2 = 70 + 81 + 92 + 201 + 242 \\
 686 &:= 7^0 + 9^1 + 9^2 + 19^1 + 24^2 = 70 + 91 + 92 + 191 + 242 \\
 686 &:= 7^0 + 9^2 + 10^1 + 18^1 + 24^2 = 70 + 92 + 101 + 181 + 242 \\
 686 &:= 7^0 + 9^2 + 11^1 + 17^1 + 24^2 = 70 + 92 + 111 + 171 + 242 \\
 686 &:= 7^0 + 9^2 + 12^1 + 16^1 + 24^2 = 70 + 92 + 121 + 161 + 242 \\
 686 &:= 7^0 + 9^2 + 13^1 + 15^1 + 24^2 = 70 + 92 + 131 + 151 + 242 \\
 686 &:= 7^0 + 9^2 + 14^1 + 14^1 + 24^2 = 70 + 92 + 141 + 141 + 242 \\
 686 &:= 7^1 + 12^1 + 13^0 + 15^2 + 21^2 = 71 + 121 + 130 + 152 + 212 \\
 686 &:= 7^3 + 10^0 + 16^0 + 17^1 + 18^2 = 73 + 100 + 160 + 171 + 182 \\
 686 &:= 7^3 + 11^0 + 15^0 + 17^1 + 18^2 = 73 + 110 + 150 + 171 + 182
 \end{aligned}$$

$$\begin{aligned}
 686 &:= 7^3 + 12^0 + 14^0 + 17^1 + 18^2 = 73 + 120 + 140 + 171 + 182 \\
 686 &:= 7^3 + 13^0 + 13^0 + 17^1 + 18^2 = 73 + 130 + 130 + 171 + 182 \\
 686 &:= 7^3 + 8^0 + 17^1 + 18^0 + 18^2 = 73 + 80 + 171 + 180 + 182 \\
 686 &:= 7^3 + 9^0 + 17^0 + 17^1 + 18^2 = 73 + 90 + 170 + 171 + 182 \\
 686 &:= 8^0 + 10^2 + 10^2 + 18^0 + 22^2 = 80 + 102 + 102 + 180 + 222 \\
 686 &:= 8^1 + 11^1 + 13^0 + 15^2 + 21^2 = 81 + 111 + 130 + 152 + 212 \\
 686 &:= 9^0 + 10^2 + 10^2 + 17^0 + 22^2 = 90 + 102 + 102 + 170 + 222 \\
 686 &:= 9^1 + 10^1 + 13^0 + 15^2 + 21^2 = 91 + 101 + 130 + 152 + 212
 \end{aligned}$$

2.2.588 Number 687

$$\begin{aligned}
 687 &:= 1^2 + 2^0 + 5^4 + 60^1 = 12 + 20 + 54 + 601 \\
 687 &:= 1^3 + 1^9 + 5^4 + 60^1 = 13 + 19 + 54 + 601 \\
 687 &:= 1^3 + 18^2 + 19^2 + 30^0 = 13 + 182 + 192 + 300 \\
 687 &:= 1^3 + 3^2 + 26^2 + 38^0 = 13 + 32 + 262 + 380 \\
 687 &:= 1^4 + 1^8 + 5^4 + 60^1 = 14 + 18 + 54 + 601 \\
 687 &:= 1^4 + 9^1 + 26^2 + 32^0 = 14 + 91 + 262 + 320 \\
 687 &:= 1^5 + 1^7 + 5^4 + 60^1 = 15 + 17 + 54 + 601 \\
 687 &:= 1^5 + 2^9 + 11^2 + 53^1 = 15 + 29 + 112 + 531 \\
 687 &:= 1^6 + 1^6 + 5^4 + 60^1 = 16 + 16 + 54 + 601 \\
 687 &:= 1^9 + 3^5 + 20^2 + 43^1 = 19 + 35 + 202 + 431 \\
 687 &:= 2^2 + 4^0 + 5^4 + 57^1 = 22 + 40 + 54 + 571 \\
 687 &:= 2^5 + 2^8 + 7^3 + 56^1 = 25 + 28 + 73 + 561 \\
 687 &:= 2^7 + 2^9 + 17^0 + 46^1 = 27 + 29 + 170 + 461 \\
 687 &:= 3^2 + 5^4 + 8^0 + 52^1 = 32 + 54 + 80 + 521 \\
 687 &:= 3^4 + 12^0 + 24^2 + 29^1 = 34 + 120 + 242 + 291 \\
 687 &:= 4^2 + 5^4 + 14^0 + 45^1 = 42 + 54 + 140 + 451 \\
 687 &:= 4^4 + 14^0 + 20^2 + 30^1 = 44 + 140 + 202 + 301 \\
 687 &:= 5^2 + 5^4 + 22^0 + 36^1 = 52 + 54 + 220 + 361 \\
 687 &:= 5^3 + 6^0 + 8^3 + 49^1 = 53 + 60 + 83 + 491 \\
 687 &:= 5^4 + 6^2 + 25^1 + 32^0 = 54 + 62 + 251 + 320 \\
 687 &:= 5^4 + 7^2 + 12^1 + 44^0 = 54 + 72 + 121 + 440 \\
 687 &:= 1^0 + 3^5 + 16^0 + 21^2 + 27^0 = 10 + 35 + 160 + 212 + 270 \\
 687 &:= 1^0 + 3^5 + 17^0 + 21^2 + 26^0 = 10 + 35 + 170 + 212 + 260 \\
 687 &:= 1^0 + 3^5 + 18^0 + 21^2 + 25^0 = 10 + 35 + 180 + 212 + 250 \\
 687 &:= 1^0 + 3^5 + 19^0 + 21^2 + 24^0 = 10 + 35 + 190 + 212 + 240 \\
 687 &:= 1^0 + 3^5 + 20^0 + 21^2 + 23^0 = 10 + 35 + 200 + 212 + 230
 \end{aligned}$$

$$\begin{aligned}
 687 &:= 1^0 + 3^5 + 21^0 + 21^2 + 22^0 = 10 + 35 + 210 + 212 + 220 \\
 687 &:= 1^1 + 10^2 + 12^2 + 21^2 + 24^0 = 11 + 102 + 122 + 212 + 240 \\
 687 &:= 1^1 + 7^3 + 18^1 + 18^2 + 24^0 = 11 + 73 + 181 + 182 + 240 \\
 687 &:= 1^2 + 12^0 + 15^2 + 19^1 + 21^2 = 12 + 120 + 152 + 191 + 212 \\
 687 &:= 1^2 + 12^1 + 12^2 + 20^0 + 23^2 = 12 + 121 + 122 + 200 + 232 \\
 687 &:= 1^2 + 2^3 + 12^0 + 26^2 + 27^0 = 12 + 23 + 120 + 262 + 270 \\
 687 &:= 1^2 + 2^3 + 13^0 + 26^0 + 26^2 = 12 + 23 + 130 + 260 + 262 \\
 687 &:= 1^2 + 2^3 + 14^0 + 25^0 + 26^2 = 12 + 23 + 140 + 250 + 262 \\
 687 &:= 1^2 + 2^3 + 15^0 + 24^0 + 26^2 = 12 + 23 + 150 + 240 + 262 \\
 687 &:= 1^2 + 2^3 + 16^0 + 23^0 + 26^2 = 12 + 23 + 160 + 230 + 262 \\
 687 &:= 1^2 + 2^3 + 17^0 + 22^0 + 26^2 = 12 + 23 + 170 + 220 + 262 \\
 687 &:= 1^2 + 2^3 + 18^0 + 21^0 + 26^2 = 12 + 23 + 180 + 210 + 262 \\
 687 &:= 1^2 + 2^3 + 19^0 + 20^0 + 26^2 = 12 + 23 + 190 + 200 + 262 \\
 687 &:= 1^2 + 5^1 + 14^2 + 22^2 + 26^0 = 12 + 51 + 142 + 222 + 260 \\
 687 &:= 1^2 + 6^2 + 12^0 + 24^1 + 25^2 = 12 + 62 + 120 + 241 + 252 \\
 687 &:= 1^2 + 7^2 + 11^1 + 24^0 + 25^2 = 12 + 72 + 111 + 240 + 252 \\
 687 &:= 1^2 + 9^1 + 10^2 + 24^0 + 24^2 = 12 + 91 + 102 + 240 + 242 \\
 687 &:= 1^4 + 2^9 + 11^2 + 26^1 + 27^1 = 14 + 29 + 112 + 261 + 271 \\
 687 &:= 1^4 + 6^0 + 8^1 + 26^2 + 27^0 = 14 + 60 + 81 + 262 + 270 \\
 687 &:= 1^4 + 7^0 + 8^1 + 26^0 + 26^2 = 14 + 70 + 81 + 260 + 262 \\
 687 &:= 1^4 + 8^0 + 8^1 + 25^0 + 26^2 = 14 + 80 + 81 + 250 + 262 \\
 687 &:= 1^4 + 8^1 + 10^0 + 23^0 + 26^2 = 14 + 81 + 100 + 230 + 262 \\
 687 &:= 1^4 + 8^1 + 11^0 + 22^0 + 26^2 = 14 + 81 + 110 + 220 + 262 \\
 687 &:= 1^4 + 8^1 + 12^0 + 21^0 + 26^2 = 14 + 81 + 120 + 210 + 262 \\
 687 &:= 1^4 + 8^1 + 13^0 + 20^0 + 26^2 = 14 + 81 + 130 + 200 + 262 \\
 687 &:= 1^4 + 8^1 + 14^0 + 19^0 + 26^2 = 14 + 81 + 140 + 190 + 262
 \end{aligned}$$

$$\begin{aligned}
 687 &:= 1^4 + 8^1 + 15^0 + 18^0 + 26^2 = 14 + 81 + 150 + 180 + 262 & 687 &:= 2^0 + 5^4 + 15^1 + 20^1 + 26^1 = 20 + 54 + 151 + 201 + 261 \\
 687 &:= 1^4 + 8^1 + 16^0 + 17^0 + 26^2 = 14 + 81 + 160 + 170 + 262 & 687 &:= 2^0 + 5^4 + 15^1 + 21^1 + 25^1 = 20 + 54 + 151 + 211 + 251 \\
 687 &:= 1^4 + 8^1 + 9^0 + 24^0 + 26^2 = 14 + 81 + 90 + 240 + 262 & 687 &:= 2^0 + 5^4 + 15^1 + 22^1 + 24^1 = 20 + 54 + 151 + 221 + 241 \\
 687 &:= 1^8 + 3^5 + 16^1 + 20^2 + 27^1 = 18 + 35 + 161 + 202 + 271 & 687 &:= 2^0 + 5^4 + 15^1 + 23^1 + 23^1 = 20 + 54 + 151 + 231 + 231 \\
 687 &:= 1^8 + 3^5 + 17^1 + 20^2 + 26^1 = 18 + 35 + 171 + 202 + 261 & 687 &:= 2^0 + 5^4 + 16^1 + 18^1 + 27^1 = 20 + 54 + 161 + 181 + 271 \\
 687 &:= 1^8 + 3^5 + 18^1 + 20^2 + 25^1 = 18 + 35 + 181 + 202 + 251 & 687 &:= 2^0 + 5^4 + 16^1 + 19^1 + 26^1 = 20 + 54 + 161 + 191 + 261 \\
 687 &:= 1^8 + 3^5 + 19^1 + 20^2 + 24^1 = 18 + 35 + 191 + 202 + 241 & 687 &:= 2^0 + 5^4 + 16^1 + 20^1 + 25^1 = 20 + 54 + 161 + 201 + 251 \\
 687 &:= 1^8 + 3^5 + 20^1 + 20^2 + 23^1 = 18 + 35 + 201 + 202 + 231 & 687 &:= 2^0 + 5^4 + 16^1 + 21^1 + 24^1 = 20 + 54 + 161 + 211 + 241 \\
 687 &:= 1^8 + 3^5 + 20^2 + 21^1 + 22^1 = 18 + 35 + 202 + 211 + 221 & 687 &:= 2^0 + 5^4 + 16^1 + 22^1 + 23^1 = 20 + 54 + 161 + 221 + 231 \\
 687 &:= 11^1 + 12^0 + 15^2 + 15^2 + 15^2 = 111 + 120 + 152 + 152 + 152 & 687 &:= 2^0 + 5^4 + 17^1 + 17^1 + 27^1 = 20 + 54 + 171 + 171 + 271 \\
 687 &:= 12^0 + 12^1 + 12^2 + 13^2 + 19^2 = 120 + 121 + 122 + 132 + 192 & 687 &:= 2^0 + 5^4 + 17^1 + 18^1 + 26^1 = 20 + 54 + 171 + 181 + 261 \\
 687 &:= 2^0 + 10^2 + 11^2 + 21^2 + 24^1 = 20 + 102 + 112 + 212 + 241 & 687 &:= 2^0 + 5^4 + 17^1 + 19^1 + 25^1 = 20 + 54 + 171 + 191 + 251 \\
 687 &:= 2^0 + 12^2 + 14^2 + 18^2 + 22^1 = 20 + 122 + 142 + 182 + 221 & 687 &:= 2^0 + 5^4 + 17^1 + 20^1 + 24^1 = 20 + 54 + 171 + 201 + 241 \\
 687 &:= 2^0 + 3^2 + 17^2 + 19^2 + 27^1 = 20 + 32 + 172 + 192 + 271 & 687 &:= 2^0 + 5^4 + 17^1 + 21^1 + 23^1 = 20 + 54 + 171 + 211 + 231 \\
 687 &:= 2^0 + 3^5 + 15^0 + 21^2 + 27^0 = 20 + 35 + 150 + 212 + 270 & 687 &:= 2^0 + 5^4 + 17^1 + 22^1 + 22^1 = 20 + 54 + 171 + 221 + 221 \\
 687 &:= 2^0 + 3^5 + 16^0 + 21^2 + 26^0 = 20 + 35 + 160 + 212 + 260 & 687 &:= 2^0 + 5^4 + 18^1 + 18^1 + 25^1 = 20 + 54 + 181 + 181 + 251 \\
 687 &:= 2^0 + 3^5 + 17^0 + 21^2 + 25^0 = 20 + 35 + 170 + 212 + 250 & 687 &:= 2^0 + 5^4 + 18^1 + 19^1 + 24^1 = 20 + 54 + 181 + 191 + 241 \\
 687 &:= 2^0 + 3^5 + 18^0 + 21^2 + 24^0 = 20 + 35 + 180 + 212 + 240 & 687 &:= 2^0 + 5^4 + 18^1 + 20^1 + 23^1 = 20 + 54 + 181 + 201 + 231 \\
 687 &:= 2^0 + 3^5 + 19^0 + 21^2 + 23^0 = 20 + 35 + 190 + 212 + 230 & 687 &:= 2^0 + 5^4 + 18^1 + 21^1 + 22^1 = 20 + 54 + 181 + 211 + 221 \\
 687 &:= 2^0 + 3^5 + 20^0 + 21^2 + 22^0 = 20 + 35 + 200 + 212 + 220 & 687 &:= 2^0 + 5^4 + 19^1 + 19^1 + 23^1 = 20 + 54 + 191 + 191 + 231 \\
 687 &:= 2^0 + 3^5 + 21^0 + 21^0 + 21^2 = 20 + 35 + 210 + 210 + 212 & 687 &:= 2^0 + 5^4 + 19^1 + 20^1 + 22^1 = 20 + 54 + 191 + 201 + 221 \\
 687 &:= 2^0 + 5^4 + 10^1 + 24^1 + 27^1 = 20 + 54 + 101 + 241 + 271 & 687 &:= 2^0 + 5^4 + 19^1 + 21^1 + 21^1 = 20 + 54 + 191 + 211 + 211 \\
 687 &:= 2^0 + 5^4 + 10^1 + 25^1 + 26^1 = 20 + 54 + 101 + 251 + 261 & 687 &:= 2^0 + 5^4 + 20^1 + 20^1 + 21^1 = 20 + 54 + 201 + 201 + 211 \\
 687 &:= 2^0 + 5^4 + 11^1 + 23^1 + 27^1 = 20 + 54 + 111 + 231 + 271 & 687 &:= 2^0 + 5^4 + 7^1 + 27^1 + 27^1 = 20 + 54 + 71 + 271 + 271 \\
 687 &:= 2^0 + 5^4 + 11^1 + 24^1 + 26^1 = 20 + 54 + 111 + 241 + 261 & 687 &:= 2^0 + 5^4 + 8^1 + 26^1 + 27^1 = 20 + 54 + 81 + 261 + 271 \\
 687 &:= 2^0 + 5^4 + 11^1 + 25^1 + 25^1 = 20 + 54 + 111 + 251 + 251 & 687 &:= 2^0 + 5^4 + 9^1 + 25^1 + 27^1 = 20 + 54 + 91 + 251 + 271 \\
 687 &:= 2^0 + 5^4 + 12^1 + 22^1 + 27^1 = 20 + 54 + 121 + 221 + 271 & 687 &:= 2^0 + 5^4 + 9^1 + 26^1 + 26^1 = 20 + 54 + 91 + 261 + 261 \\
 687 &:= 2^0 + 5^4 + 12^1 + 23^1 + 26^1 = 20 + 54 + 121 + 231 + 261 & 687 &:= 2^0 + 6^2 + 15^2 + 20^2 + 25^1 = 20 + 62 + 152 + 202 + 251 \\
 687 &:= 2^0 + 5^4 + 12^1 + 24^1 + 25^1 = 20 + 54 + 121 + 241 + 251 & 687 &:= 2^0 + 7^2 + 17^2 + 18^2 + 24^1 = 20 + 72 + 172 + 182 + 241 \\
 687 &:= 2^0 + 5^4 + 13^1 + 21^1 + 27^1 = 20 + 54 + 131 + 211 + 271 & 687 &:= 2^0 + 7^2 + 9^2 + 23^2 + 27^1 = 20 + 72 + 92 + 232 + 271 \\
 687 &:= 2^0 + 5^4 + 13^1 + 22^1 + 26^1 = 20 + 54 + 131 + 221 + 261 & 687 &:= 2^1 + 10^2 + 10^2 + 22^2 + 24^0 = 21 + 102 + 102 + 222 + 240 \\
 687 &:= 2^0 + 5^4 + 13^1 + 23^1 + 25^1 = 20 + 54 + 131 + 231 + 251 & 687 &:= 2^1 + 6^2 + 18^2 + 18^2 + 24^0 = 21 + 62 + 182 + 182 + 240 \\
 687 &:= 2^0 + 5^4 + 13^1 + 24^1 + 24^1 = 20 + 54 + 131 + 241 + 241 & 687 &:= 2^1 + 6^3 + 12^0 + 21^2 + 27^1 = 21 + 63 + 120 + 212 + 271 \\
 687 &:= 2^0 + 5^4 + 14^1 + 20^1 + 27^1 = 20 + 54 + 141 + 201 + 271 & 687 &:= 2^1 + 7^3 + 17^1 + 18^2 + 24^0 = 21 + 73 + 171 + 182 + 240 \\
 687 &:= 2^0 + 5^4 + 14^1 + 21^1 + 26^1 = 20 + 54 + 141 + 211 + 261 & 687 &:= 2^2 + 14^0 + 15^2 + 16^1 + 21^2 = 22 + 140 + 152 + 161 + 212 \\
 687 &:= 2^0 + 5^4 + 14^1 + 22^1 + 25^1 = 20 + 54 + 141 + 221 + 251 & 687 &:= 2^2 + 4^0 + 16^2 + 20^2 + 26^1 = 22 + 40 + 162 + 202 + 261 \\
 687 &:= 2^0 + 5^4 + 14^1 + 23^1 + 24^1 = 20 + 54 + 141 + 231 + 241 & 687 &:= 2^2 + 6^1 + 10^2 + 24^2 + 26^0 = 22 + 61 + 102 + 242 + 260 \\
 687 &:= 2^0 + 5^4 + 15^1 + 19^1 + 27^1 = 20 + 54 + 151 + 191 + 271 & 687 &:= 2^2 + 6^2 + 14^0 + 21^1 + 25^2 = 22 + 62 + 140 + 211 + 252
 \end{aligned}$$

$$\begin{aligned} 687 &:= 2^2 + 7^2 + 8^1 + 25^2 + 26^0 = 22 + 72 + 81 + 252 + 260 & 687 &:= 3^3 + 6^0 + 9^1 + 25^1 + 25^2 = 33 + 60 + 91 + 251 + 252 \\ 687 &:= 2^2 + 8^0 + 9^2 + 24^2 + 25^1 = 22 + 80 + 92 + 242 + 251 & 687 &:= 3^5 + 10^0 + 10^0 + 21^2 + 24^0 = 35 + 100 + 100 + 212 + 240 \\ 687 &:= 2^2 + 8^3 + 13^2 + 18^0 + 27^0 = 22 + 83 + 132 + 180 + 270 & 687 &:= 3^5 + 10^0 + 11^0 + 21^2 + 23^0 = 35 + 100 + 110 + 212 + 230 \\ 687 &:= 2^2 + 8^3 + 13^2 + 19^0 + 26^0 = 22 + 83 + 132 + 190 + 260 & 687 &:= 3^5 + 10^0 + 12^0 + 21^2 + 22^0 = 35 + 100 + 120 + 212 + 220 \\ 687 &:= 2^2 + 8^3 + 13^2 + 20^0 + 25^0 = 22 + 83 + 132 + 200 + 250 & 687 &:= 3^5 + 10^0 + 13^0 + 21^0 + 21^2 = 35 + 100 + 130 + 210 + 212 \\ 687 &:= 2^2 + 8^3 + 13^2 + 21^0 + 24^0 = 22 + 83 + 132 + 210 + 240 & 687 &:= 3^5 + 10^0 + 14^0 + 20^0 + 21^2 = 35 + 100 + 140 + 200 + 212 \\ 687 &:= 2^2 + 8^3 + 13^2 + 22^0 + 23^0 = 22 + 83 + 132 + 220 + 230 & 687 &:= 3^5 + 10^0 + 15^0 + 19^0 + 21^2 = 35 + 100 + 150 + 190 + 212 \\ 687 &:= 2^2 + 9^1 + 12^2 + 22^0 + 23^2 = 22 + 91 + 122 + 220 + 232 & 687 &:= 3^5 + 10^0 + 16^0 + 18^0 + 21^2 = 35 + 100 + 160 + 180 + 212 \\ 687 &:= 3^0 + 3^5 + 14^0 + 21^2 + 27^0 = 30 + 35 + 140 + 212 + 270 & 687 &:= 3^5 + 10^0 + 17^0 + 17^0 + 21^2 = 35 + 100 + 170 + 170 + 212 \\ 687 &:= 3^0 + 3^5 + 15^0 + 21^2 + 26^0 = 30 + 35 + 150 + 212 + 260 & 687 &:= 3^5 + 11^0 + 11^0 + 21^2 + 22^0 = 35 + 110 + 110 + 212 + 220 \\ 687 &:= 3^0 + 3^5 + 16^0 + 21^2 + 25^0 = 30 + 35 + 160 + 212 + 250 & 687 &:= 3^5 + 11^0 + 12^0 + 21^0 + 21^2 = 35 + 110 + 120 + 210 + 212 \\ 687 &:= 3^0 + 3^5 + 17^0 + 21^2 + 24^0 = 30 + 35 + 170 + 212 + 240 & 687 &:= 3^5 + 11^0 + 13^0 + 20^0 + 21^2 = 35 + 110 + 130 + 200 + 212 \\ 687 &:= 3^0 + 3^5 + 18^0 + 21^2 + 23^0 = 30 + 35 + 180 + 212 + 230 & 687 &:= 3^5 + 11^0 + 14^0 + 19^0 + 21^2 = 35 + 110 + 140 + 190 + 212 \\ 687 &:= 3^0 + 3^5 + 19^0 + 21^2 + 22^0 = 30 + 35 + 190 + 212 + 220 & 687 &:= 3^5 + 11^0 + 15^0 + 18^0 + 21^2 = 35 + 110 + 150 + 180 + 212 \\ 687 &:= 3^0 + 3^5 + 20^0 + 21^0 + 21^2 = 30 + 35 + 200 + 210 + 212 & 687 &:= 3^5 + 11^0 + 16^0 + 17^0 + 21^2 = 35 + 110 + 160 + 170 + 212 \\ 687 &:= 3^1 + 11^2 + 11^2 + 21^2 + 22^0 = 31 + 112 + 112 + 212 + 220 & 687 &:= 3^5 + 12^0 + 12^0 + 20^0 + 21^2 = 35 + 120 + 120 + 200 + 212 \\ 687 &:= 3^1 + 13^2 + 15^2 + 17^2 + 20^0 = 31 + 132 + 152 + 172 + 200 & 687 &:= 3^5 + 12^0 + 13^0 + 19^0 + 21^2 = 35 + 120 + 130 + 190 + 212 \\ 687 &:= 3^1 + 6^3 + 12^0 + 21^2 + 26^1 = 31 + 63 + 120 + 212 + 261 & 687 &:= 3^5 + 12^0 + 14^0 + 18^0 + 21^2 = 35 + 120 + 140 + 180 + 212 \\ 687 &:= 3^1 + 7^3 + 16^1 + 18^2 + 24^0 = 31 + 73 + 161 + 182 + 240 & 687 &:= 3^5 + 12^0 + 15^0 + 17^0 + 21^2 = 35 + 120 + 150 + 170 + 212 \\ 687 &:= 3^1 + 8^3 + 12^2 + 18^0 + 27^1 = 31 + 83 + 122 + 180 + 271 & 687 &:= 3^5 + 12^0 + 16^0 + 16^0 + 21^2 = 35 + 120 + 160 + 160 + 212 \\ 687 &:= 3^2 + 11^1 + 15^2 + 18^0 + 21^2 = 32 + 111 + 152 + 180 + 212 & 687 &:= 3^5 + 13^0 + 13^0 + 18^0 + 21^2 = 35 + 130 + 130 + 180 + 212 \\ 687 &:= 3^2 + 4^0 + 11^2 + 23^2 + 27^1 = 32 + 40 + 112 + 232 + 271 & 687 &:= 3^5 + 13^0 + 14^0 + 17^0 + 21^2 = 35 + 130 + 140 + 170 + 212 \\ 687 &:= 3^2 + 4^1 + 12^2 + 23^2 + 26^0 = 32 + 41 + 122 + 232 + 260 & 687 &:= 3^5 + 13^0 + 15^0 + 16^0 + 21^2 = 35 + 130 + 150 + 160 + 212 \\ 687 &:= 3^2 + 5^2 + 8^0 + 25^2 + 27^1 = 32 + 52 + 80 + 252 + 271 & 687 &:= 3^5 + 14^0 + 14^0 + 16^0 + 21^2 = 35 + 140 + 140 + 160 + 212 \\ 687 &:= 3^2 + 6^0 + 13^2 + 22^2 + 24^1 = 32 + 60 + 132 + 222 + 241 & 687 &:= 3^5 + 14^0 + 15^0 + 15^0 + 21^2 = 35 + 140 + 150 + 150 + 212 \\ 687 &:= 3^2 + 6^2 + 16^1 + 18^0 + 25^2 = 32 + 62 + 161 + 180 + 252 & 687 &:= 3^5 + 4^0 + 13^0 + 21^2 + 27^0 = 35 + 40 + 130 + 212 + 270 \\ 687 &:= 3^2 + 8^0 + 16^2 + 20^2 + 21^1 = 32 + 80 + 162 + 202 + 211 & 687 &:= 3^5 + 4^0 + 14^0 + 21^2 + 26^0 = 35 + 40 + 140 + 212 + 260 \\ 687 &:= 3^2 + 9^2 + 12^0 + 20^1 + 24^2 = 32 + 92 + 120 + 201 + 242 & 687 &:= 3^5 + 4^0 + 15^0 + 21^2 + 25^0 = 35 + 40 + 150 + 212 + 250 \\ 687 &:= 3^3 + 6^0 + 10^1 + 24^1 + 25^2 = 33 + 60 + 101 + 241 + 252 & 687 &:= 3^5 + 4^0 + 16^0 + 21^2 + 24^0 = 35 + 40 + 160 + 212 + 240 \\ 687 &:= 3^3 + 6^0 + 11^1 + 23^1 + 25^2 = 33 + 60 + 111 + 231 + 252 & 687 &:= 3^5 + 4^0 + 17^0 + 21^2 + 23^0 = 35 + 40 + 170 + 212 + 230 \\ 687 &:= 3^3 + 6^0 + 12^1 + 22^1 + 25^2 = 33 + 60 + 121 + 221 + 252 & 687 &:= 3^5 + 4^0 + 18^0 + 21^2 + 22^0 = 35 + 40 + 180 + 212 + 220 \\ 687 &:= 3^3 + 6^0 + 13^1 + 21^1 + 25^2 = 33 + 60 + 131 + 211 + 252 & 687 &:= 3^5 + 4^0 + 19^0 + 21^0 + 21^2 = 35 + 40 + 190 + 210 + 212 \\ 687 &:= 3^3 + 6^0 + 14^1 + 20^1 + 25^2 = 33 + 60 + 141 + 201 + 252 & 687 &:= 3^5 + 4^0 + 20^0 + 20^0 + 21^2 = 35 + 40 + 200 + 200 + 212 \\ 687 &:= 3^3 + 6^0 + 15^1 + 19^1 + 25^2 = 33 + 60 + 151 + 191 + 252 & 687 &:= 3^5 + 5^0 + 12^0 + 21^2 + 27^0 = 35 + 50 + 120 + 212 + 270 \\ 687 &:= 3^3 + 6^0 + 16^1 + 18^1 + 25^2 = 33 + 60 + 161 + 181 + 252 & 687 &:= 3^5 + 5^0 + 13^0 + 21^2 + 26^0 = 35 + 50 + 130 + 212 + 260 \\ 687 &:= 3^3 + 6^0 + 17^1 + 17^1 + 25^2 = 33 + 60 + 171 + 171 + 252 & 687 &:= 3^5 + 5^0 + 14^0 + 21^2 + 25^0 = 35 + 50 + 140 + 212 + 250 \\ 687 &:= 3^3 + 6^0 + 7^1 + 25^2 + 27^1 = 33 + 60 + 71 + 252 + 271 & 687 &:= 3^5 + 5^0 + 15^0 + 21^2 + 24^0 = 35 + 50 + 150 + 212 + 240 \\ 687 &:= 3^3 + 6^0 + 8^1 + 25^2 + 26^1 = 33 + 60 + 81 + 252 + 261 & 687 &:= 3^5 + 5^0 + 16^0 + 21^2 + 23^0 = 35 + 50 + 160 + 212 + 230 \end{aligned}$$

$$\begin{aligned} 687 &:= 3^5 + 5^0 + 17^0 + 21^2 + 22^0 = 35 + 50 + 170 + 212 + 220 & 687 &:= 3^5 + 9^0 + 17^0 + 18^0 + 21^2 = 35 + 90 + 170 + 180 + 212 \\ 687 &:= 3^5 + 5^0 + 18^0 + 21^0 + 21^2 = 35 + 50 + 180 + 210 + 212 & 687 &:= 3^5 + 9^0 + 9^0 + 21^2 + 26^0 = 35 + 90 + 90 + 212 + 260 \\ 687 &:= 3^5 + 5^0 + 19^0 + 20^0 + 21^2 = 35 + 50 + 190 + 200 + 212 & 687 &:= 4^0 + 11^2 + 12^2 + 20^2 + 21^1 = 40 + 112 + 122 + 202 + 211 \\ 687 &:= 3^5 + 6^0 + 11^0 + 21^2 + 27^0 = 35 + 60 + 110 + 212 + 270 & 687 &:= 4^0 + 11^2 + 16^2 + 17^2 + 20^1 = 40 + 112 + 162 + 172 + 201 \\ 687 &:= 3^5 + 6^0 + 12^0 + 21^2 + 26^0 = 35 + 60 + 120 + 212 + 260 & 687 &:= 4^0 + 5^2 + 14^2 + 21^2 + 24^1 = 40 + 52 + 142 + 212 + 241 \\ 687 &:= 3^5 + 6^0 + 13^0 + 21^2 + 25^0 = 35 + 60 + 130 + 212 + 250 & 687 &:= 4^1 + 4^2 + 15^2 + 21^2 + 24^0 = 41 + 42 + 152 + 212 + 240 \\ 687 &:= 3^5 + 6^0 + 14^0 + 21^2 + 24^0 = 35 + 60 + 140 + 212 + 240 & 687 &:= 4^1 + 5^2 + 9^2 + 24^2 + 26^0 = 41 + 52 + 92 + 242 + 260 \\ 687 &:= 3^5 + 6^0 + 15^0 + 21^2 + 23^0 = 35 + 60 + 150 + 212 + 230 & 687 &:= 4^1 + 6^3 + 12^0 + 21^2 + 25^1 = 41 + 63 + 120 + 212 + 251 \\ 687 &:= 3^5 + 6^0 + 16^0 + 21^2 + 22^0 = 35 + 60 + 160 + 212 + 220 & 687 &:= 4^1 + 7^3 + 15^1 + 18^2 + 24^0 = 41 + 73 + 151 + 182 + 240 \\ 687 &:= 3^5 + 6^0 + 17^0 + 21^0 + 21^2 = 35 + 60 + 170 + 210 + 212 & 687 &:= 4^1 + 8^3 + 12^2 + 18^0 + 26^1 = 41 + 83 + 122 + 180 + 261 \\ 687 &:= 3^5 + 6^0 + 18^0 + 20^0 + 21^2 = 35 + 60 + 180 + 200 + 212 & 687 &:= 4^2 + 10^0 + 11^2 + 20^1 + 23^2 = 42 + 100 + 112 + 201 + 232 \\ 687 &:= 3^5 + 6^0 + 19^0 + 19^0 + 21^2 = 35 + 60 + 190 + 190 + 212 & 687 &:= 4^2 + 12^0 + 13^2 + 17^1 + 22^2 = 42 + 120 + 132 + 171 + 222 \\ 687 &:= 3^5 + 7^0 + 10^0 + 21^2 + 27^0 = 35 + 70 + 100 + 212 + 270 & 687 &:= 4^2 + 14^0 + 14^1 + 16^2 + 20^2 = 42 + 140 + 141 + 162 + 202 \\ 687 &:= 3^5 + 7^0 + 11^0 + 21^2 + 26^0 = 35 + 70 + 110 + 212 + 260 & 687 &:= 4^2 + 5^2 + 14^0 + 20^1 + 25^2 = 42 + 52 + 140 + 201 + 252 \\ 687 &:= 3^5 + 7^0 + 12^0 + 21^2 + 25^0 = 35 + 70 + 120 + 212 + 250 & 687 &:= 4^2 + 6^0 + 18^2 + 18^2 + 22^1 = 42 + 60 + 182 + 182 + 221 \\ 687 &:= 3^5 + 7^0 + 13^0 + 21^2 + 24^0 = 35 + 70 + 130 + 212 + 240 & 687 &:= 4^2 + 6^2 + 9^1 + 24^0 + 25^2 = 42 + 62 + 91 + 240 + 252 \\ 687 &:= 3^5 + 7^0 + 14^0 + 21^2 + 23^0 = 35 + 70 + 140 + 212 + 230 & 687 &:= 4^2 + 8^0 + 17^2 + 19^2 + 20^1 = 42 + 80 + 172 + 192 + 201 \\ 687 &:= 3^5 + 7^0 + 15^0 + 21^2 + 22^0 = 35 + 70 + 150 + 212 + 220 & 687 &:= 4^2 + 9^2 + 13^1 + 18^0 + 24^2 = 42 + 92 + 131 + 180 + 242 \\ 687 &:= 3^5 + 7^0 + 16^0 + 21^0 + 21^2 = 35 + 70 + 160 + 210 + 212 & 687 &:= 5^1 + 13^2 + 16^2 + 16^2 + 18^0 = 51 + 132 + 162 + 162 + 180 \\ 687 &:= 3^5 + 7^0 + 17^0 + 20^0 + 21^2 = 35 + 70 + 170 + 200 + 212 & 687 &:= 5^1 + 14^2 + 14^2 + 17^2 + 18^0 = 51 + 142 + 142 + 172 + 180 \\ 687 &:= 3^5 + 7^0 + 18^0 + 19^0 + 21^2 = 35 + 70 + 180 + 190 + 212 & 687 &:= 5^1 + 5^2 + 16^2 + 20^2 + 22^0 = 51 + 52 + 162 + 202 + 220 \\ 687 &:= 3^5 + 8^0 + 10^0 + 21^2 + 26^0 = 35 + 80 + 100 + 212 + 260 & 687 &:= 5^1 + 5^3 + 8^0 + 23^2 + 27^1 = 51 + 53 + 80 + 232 + 271 \\ 687 &:= 3^5 + 8^0 + 11^0 + 21^2 + 25^0 = 35 + 80 + 110 + 212 + 250 & 687 &:= 5^1 + 6^3 + 12^0 + 21^2 + 24^1 = 51 + 63 + 120 + 212 + 241 \\ 687 &:= 3^5 + 8^0 + 12^0 + 21^2 + 24^0 = 35 + 80 + 120 + 212 + 240 & 687 &:= 5^1 + 7^3 + 14^1 + 18^2 + 24^0 = 51 + 73 + 141 + 182 + 240 \\ 687 &:= 3^5 + 8^0 + 13^0 + 21^2 + 23^0 = 35 + 80 + 130 + 212 + 230 & 687 &:= 5^1 + 8^2 + 16^2 + 19^2 + 20^0 = 51 + 82 + 162 + 192 + 200 \\ 687 &:= 3^5 + 8^0 + 14^0 + 21^2 + 22^0 = 35 + 80 + 140 + 212 + 220 & 687 &:= 5^1 + 8^3 + 12^2 + 18^0 + 25^1 = 51 + 83 + 122 + 180 + 251 \\ 687 &:= 3^5 + 8^0 + 15^0 + 21^0 + 21^2 = 35 + 80 + 150 + 210 + 212 & 687 &:= 5^2 + 11^1 + 11^2 + 18^0 + 23^2 = 52 + 111 + 112 + 180 + 232 \\ 687 &:= 3^5 + 8^0 + 16^0 + 20^0 + 21^2 = 35 + 80 + 160 + 200 + 212 & 687 &:= 5^2 + 11^1 + 16^0 + 17^2 + 19^2 = 52 + 111 + 160 + 172 + 192 \\ 687 &:= 3^5 + 8^0 + 17^0 + 19^0 + 21^2 = 35 + 80 + 170 + 190 + 212 & 687 &:= 5^2 + 13^1 + 14^0 + 18^2 + 18^2 = 52 + 131 + 140 + 182 + 182 \\ 687 &:= 3^5 + 8^0 + 18^0 + 18^0 + 21^2 = 35 + 80 + 180 + 180 + 212 & 687 &:= 5^2 + 5^2 + 11^1 + 22^0 + 25^2 = 52 + 52 + 111 + 220 + 252 \\ 687 &:= 3^5 + 8^0 + 9^0 + 21^2 + 27^0 = 35 + 80 + 90 + 212 + 270 & 687 &:= 5^2 + 8^1 + 13^2 + 20^0 + 22^2 = 52 + 81 + 132 + 200 + 222 \\ 687 &:= 3^5 + 9^0 + 10^0 + 21^2 + 25^0 = 35 + 90 + 100 + 212 + 250 & 687 &:= 5^2 + 8^2 + 10^0 + 21^1 + 24^2 = 52 + 82 + 100 + 211 + 242 \\ 687 &:= 3^5 + 9^0 + 11^0 + 21^2 + 24^0 = 35 + 90 + 110 + 212 + 240 & 687 &:= 5^3 + 6^1 + 8^0 + 23^2 + 26^1 = 53 + 61 + 80 + 232 + 261 \\ 687 &:= 3^5 + 9^0 + 12^0 + 21^2 + 23^0 = 35 + 90 + 120 + 212 + 230 & 687 &:= 5^3 + 7^1 + 8^0 + 23^2 + 25^1 = 53 + 71 + 80 + 232 + 251 \\ 687 &:= 3^5 + 9^0 + 13^0 + 21^2 + 22^0 = 35 + 90 + 130 + 212 + 220 & 687 &:= 5^3 + 8^0 + 10^1 + 22^1 + 23^2 = 53 + 80 + 101 + 221 + 232 \\ 687 &:= 3^5 + 9^0 + 14^0 + 21^0 + 21^2 = 35 + 90 + 140 + 210 + 212 & 687 &:= 5^3 + 8^0 + 11^1 + 21^1 + 23^2 = 53 + 80 + 111 + 211 + 232 \\ 687 &:= 3^5 + 9^0 + 15^0 + 20^0 + 21^2 = 35 + 90 + 150 + 200 + 212 & 687 &:= 5^3 + 8^0 + 12^1 + 20^1 + 23^2 = 53 + 80 + 121 + 201 + 232 \\ 687 &:= 3^5 + 9^0 + 16^0 + 19^0 + 21^2 = 35 + 90 + 160 + 190 + 212 & 687 &:= 5^3 + 8^0 + 13^1 + 19^1 + 23^2 = 53 + 80 + 131 + 191 + 232 \end{aligned}$$

$687 := 5^3 + 8^0 + 14^1 + 18^1 + 23^2 = 53 + 80 + 141 + 181 + 232$	$687 := 6^3 + 11^1 + 12^0 + 18^1 + 21^2 = 63 + 111 + 120 + 181 + 212$
$687 := 5^3 + 8^0 + 15^1 + 17^1 + 23^2 = 53 + 80 + 151 + 171 + 232$	$687 := 6^3 + 12^0 + 12^1 + 17^1 + 21^2 = 63 + 120 + 121 + 171 + 212$
$687 := 5^3 + 8^0 + 16^1 + 16^1 + 23^2 = 53 + 80 + 161 + 161 + 232$	$687 := 6^3 + 12^0 + 13^1 + 16^1 + 21^2 = 63 + 120 + 131 + 161 + 212$
$687 := 5^3 + 8^0 + 8^1 + 23^2 + 24^1 = 53 + 80 + 81 + 232 + 241$	$687 := 6^3 + 12^0 + 14^1 + 15^1 + 21^2 = 63 + 120 + 141 + 151 + 212$
$687 := 5^3 + 8^0 + 9^1 + 23^1 + 23^2 = 53 + 80 + 91 + 231 + 232$	$687 := 6^3 + 7^1 + 12^0 + 21^2 + 22^1 = 63 + 71 + 120 + 212 + 221$
$687 := 5^4 + 6^0 + 6^2 + 24^1 + 27^0 = 54 + 60 + 62 + 241 + 270$	$687 := 6^3 + 8^1 + 12^0 + 21^1 + 21^2 = 63 + 81 + 120 + 211 + 212$
$687 := 5^4 + 6^2 + 10^0 + 23^0 + 24^1 = 54 + 62 + 100 + 230 + 241$	$687 := 6^3 + 9^1 + 12^0 + 20^1 + 21^2 = 63 + 91 + 120 + 201 + 212$
$687 := 5^4 + 6^2 + 11^0 + 22^0 + 24^1 = 54 + 62 + 110 + 220 + 241$	$687 := 7^1 + 7^3 + 12^1 + 18^2 + 24^0 = 71 + 73 + 121 + 182 + 240$
$687 := 5^4 + 6^2 + 12^0 + 21^0 + 24^1 = 54 + 62 + 120 + 210 + 241$	$687 := 7^1 + 8^3 + 12^2 + 18^0 + 23^1 = 71 + 83 + 122 + 180 + 231$
$687 := 5^4 + 6^2 + 13^0 + 20^0 + 24^1 = 54 + 62 + 130 + 200 + 241$	$687 := 7^2 + 12^1 + 14^0 + 15^2 + 20^2 = 72 + 121 + 140 + 152 + 202$
$687 := 5^4 + 6^2 + 14^0 + 19^0 + 24^1 = 54 + 62 + 140 + 190 + 241$	$687 := 7^2 + 7^2 + 12^1 + 18^0 + 24^2 = 72 + 72 + 121 + 180 + 242$
$687 := 5^4 + 6^2 + 15^0 + 18^0 + 24^1 = 54 + 62 + 150 + 180 + 241$	$687 := 7^2 + 8^1 + 10^2 + 20^0 + 23^2 = 72 + 81 + 102 + 200 + 232$
$687 := 5^4 + 6^2 + 16^0 + 17^0 + 24^1 = 54 + 62 + 160 + 170 + 241$	$687 := 7^2 + 9^1 + 12^2 + 18^0 + 22^2 = 72 + 91 + 122 + 180 + 222$
$687 := 5^4 + 6^2 + 7^0 + 24^1 + 26^0 = 54 + 62 + 70 + 241 + 260$	$687 := 7^3 + 8^1 + 11^1 + 18^2 + 24^0 = 73 + 81 + 111 + 182 + 240$
$687 := 5^4 + 6^2 + 8^0 + 24^1 + 25^0 = 54 + 62 + 80 + 241 + 250$	$687 := 7^3 + 9^1 + 10^1 + 18^2 + 24^0 = 73 + 91 + 101 + 182 + 240$
$687 := 5^4 + 6^2 + 9^0 + 24^0 + 24^1 = 54 + 62 + 90 + 240 + 241$	$687 := 8^0 + 10^2 + 13^2 + 17^1 + 20^2 = 80 + 102 + 132 + 171 + 202$
$687 := 5^4 + 7^2 + 11^1 + 18^0 + 27^0 = 54 + 72 + 111 + 180 + 270$	$687 := 8^0 + 11^2 + 15^2 + 16^1 + 18^2 = 80 + 112 + 152 + 161 + 182$
$687 := 5^4 + 7^2 + 11^1 + 19^0 + 26^0 = 54 + 72 + 111 + 190 + 260$	$687 := 8^1 + 10^2 + 16^0 + 17^2 + 17^2 = 81 + 102 + 160 + 172 + 172$
$687 := 5^4 + 7^2 + 11^1 + 20^0 + 25^0 = 54 + 72 + 111 + 200 + 250$	$687 := 8^1 + 11^2 + 14^2 + 16^0 + 19^2 = 81 + 112 + 142 + 160 + 192$
$687 := 5^4 + 7^2 + 11^1 + 21^0 + 24^0 = 54 + 72 + 111 + 210 + 240$	$687 := 8^1 + 8^3 + 12^2 + 18^0 + 22^1 = 81 + 83 + 122 + 180 + 221$
$687 := 5^4 + 7^2 + 11^1 + 22^0 + 23^0 = 54 + 72 + 111 + 220 + 230$	$687 := 8^2 + 10^0 + 11^2 + 17^1 + 22^2 = 82 + 100 + 112 + 171 + 222$
$687 := 6^0 + 6^2 + 12^2 + 22^1 + 22^2 = 60 + 62 + 122 + 221 + 222$	$687 := 8^2 + 12^1 + 13^2 + 14^0 + 21^2 = 82 + 121 + 132 + 140 + 212$
$687 := 6^0 + 6^2 + 7^2 + 24^2 + 25^1 = 60 + 62 + 72 + 242 + 251$	$687 := 8^2 + 9^1 + 16^0 + 17^2 + 18^2 = 82 + 91 + 160 + 172 + 182$
$687 := 6^0 + 7^2 + 16^2 + 19^2 + 20^1 = 60 + 72 + 162 + 192 + 201$	$687 := 8^2 + 9^2 + 12^1 + 16^0 + 23^2 = 82 + 92 + 121 + 160 + 232$
$687 := 6^0 + 9^2 + 10^2 + 21^1 + 22^2 = 60 + 92 + 102 + 211 + 222$	$687 := 8^3 + 10^1 + 12^2 + 18^0 + 20^1 = 83 + 101 + 122 + 180 + 201$
$687 := 6^0 + 9^2 + 12^2 + 20^1 + 21^2 = 60 + 92 + 122 + 201 + 212$	$687 := 8^3 + 11^1 + 12^2 + 18^0 + 19^1 = 83 + 111 + 122 + 180 + 191$
$687 := 6^0 + 9^2 + 15^2 + 19^1 + 19^2 = 60 + 92 + 152 + 191 + 192$	$687 := 8^3 + 12^1 + 12^2 + 18^0 + 18^1 = 83 + 121 + 122 + 180 + 181$
$687 := 6^1 + 10^2 + 16^2 + 18^0 + 18^2 = 61 + 102 + 162 + 180 + 182$	$687 := 8^3 + 12^2 + 13^1 + 17^1 + 18^0 = 83 + 122 + 131 + 171 + 180$
$687 := 6^1 + 6^3 + 12^0 + 21^2 + 23^1 = 61 + 63 + 120 + 212 + 231$	$687 := 8^3 + 12^2 + 14^1 + 16^1 + 18^0 = 83 + 122 + 141 + 161 + 180$
$687 := 6^1 + 7^3 + 13^1 + 18^2 + 24^0 = 61 + 73 + 131 + 182 + 240$	$687 := 8^3 + 12^2 + 15^1 + 15^1 + 18^0 = 83 + 122 + 151 + 151 + 180$
$687 := 6^1 + 8^3 + 12^2 + 18^0 + 24^1 = 61 + 83 + 122 + 180 + 241$	$687 := 8^3 + 9^1 + 12^2 + 18^0 + 21^1 = 83 + 91 + 122 + 180 + 211$
$687 := 6^2 + 13^1 + 14^0 + 14^2 + 21^2 = 62 + 131 + 140 + 142 + 212$	$687 := 9^1 + 14^0 + 14^2 + 15^2 + 16^2 = 91 + 140 + 142 + 152 + 162$
$687 := 6^2 + 8^0 + 10^2 + 21^1 + 23^2 = 62 + 80 + 102 + 211 + 232$	$687 := 9^1 + 9^2 + 14^2 + 16^0 + 20^2 = 91 + 92 + 142 + 160 + 202$
$687 := 6^2 + 8^2 + 10^1 + 20^0 + 24^2 = 62 + 82 + 101 + 200 + 242$	
$687 := 6^3 + 10^1 + 12^0 + 19^1 + 21^2 = 63 + 101 + 120 + 191 + 212$	

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$688 := 1^3 + 5^4 + 62^1$	$= 13 + 54 + 621$	$688 := 1^3 + 5^4 + 62^1$	$= 13 + 54 + 621$
$688 := 3^5 + 20^2 + 45^1$	$= 35 + 202 + 451$	$688 := 1^5 + 10^1 + 26^2 + 31^0$	$= 15 + 101 + 262 + 310$
$688 := 1^0 + 1^3 + 5^4 + 61^1$	$= 10 + 13 + 54 + 611$	$688 := 2^3 + 17^2 + 19^2 + 30^1$	$= 23 + 172 + 192 + 301$
$688 := 1^0 + 3^5 + 20^2 + 44^1$	$= 10 + 35 + 202 + 441$	$688 := 2^3 + 5^4 + 7^0 + 54^1$	$= 23 + 54 + 70 + 541$
$688 := 1^1 + 1^2 + 5^4 + 61^1$	$= 11 + 12 + 54 + 611$	$688 := 2^5 + 11^0 + 25^2 + 30^1$	$= 25 + 110 + 252 + 301$
$688 := 1^2 + 2^1 + 5^4 + 60^1$	$= 12 + 21 + 54 + 601$	$688 := 3^1 + 3^5 + 21^2 + 41^0$	$= 31 + 35 + 212 + 410$
$688 := 1^2 + 3^1 + 5^4 + 59^1$	$= 12 + 31 + 54 + 591$	$688 := 3^2 + 8^3 + 11^2 + 46^1$	$= 32 + 83 + 112 + 461$
$688 := 1^2 + 4^1 + 5^4 + 58^1$	$= 12 + 41 + 54 + 581$	$688 := 3^3 + 10^2 + 23^2 + 32^1$	$= 33 + 102 + 232 + 321$
$688 := 1^2 + 5^1 + 5^4 + 57^1$	$= 12 + 51 + 54 + 571$	$688 := 3^3 + 5^4 + 25^0 + 35^1$	$= 33 + 54 + 250 + 351$
$688 := 1^2 + 5^4 + 10^1 + 52^1$	$= 12 + 54 + 101 + 521$	$688 := 4^2 + 7^3 + 17^2 + 40^1$	$= 42 + 73 + 172 + 401$
$688 := 1^2 + 5^4 + 11^1 + 51^1$	$= 12 + 54 + 111 + 511$	$688 := 6^2 + 6^3 + 20^2 + 36^1$	$= 62 + 63 + 202 + 361$
$688 := 1^2 + 5^4 + 12^1 + 50^1$	$= 12 + 54 + 121 + 501$	$688 := 1^1 + 10^2 + 11^2 + 21^2 + 25^1$	$= 11 + 102 + 112 + 212 + 251$
$688 := 1^2 + 5^4 + 13^1 + 49^1$	$= 12 + 54 + 131 + 491$	$688 := 1^1 + 12^2 + 14^2 + 18^2 + 23^1$	$= 11 + 122 + 142 + 182 + 231$
$688 := 1^2 + 5^4 + 14^1 + 48^1$	$= 12 + 54 + 141 + 481$	$688 := 1^1 + 5^4 + 10^1 + 25^1 + 27^1$	$= 11 + 54 + 101 + 251 + 271$
$688 := 1^2 + 5^4 + 15^1 + 47^1$	$= 12 + 54 + 151 + 471$	$688 := 1^1 + 5^4 + 10^1 + 26^1 + 26^1$	$= 11 + 54 + 101 + 261 + 261$
$688 := 1^2 + 5^4 + 16^1 + 46^1$	$= 12 + 54 + 161 + 461$	$688 := 1^1 + 5^4 + 11^1 + 24^1 + 27^1$	$= 11 + 54 + 111 + 241 + 271$
$688 := 1^2 + 5^4 + 17^1 + 45^1$	$= 12 + 54 + 171 + 451$	$688 := 1^1 + 5^4 + 11^1 + 25^1 + 26^1$	$= 11 + 54 + 111 + 251 + 261$
$688 := 1^2 + 5^4 + 18^1 + 44^1$	$= 12 + 54 + 181 + 441$	$688 := 1^1 + 5^4 + 12^1 + 23^1 + 27^1$	$= 11 + 54 + 121 + 231 + 271$
$688 := 1^2 + 5^4 + 19^1 + 43^1$	$= 12 + 54 + 191 + 431$	$688 := 1^1 + 5^4 + 12^1 + 24^1 + 26^1$	$= 11 + 54 + 121 + 241 + 261$
$688 := 1^2 + 5^4 + 20^1 + 42^1$	$= 12 + 54 + 201 + 421$	$688 := 1^1 + 5^4 + 12^1 + 25^1 + 25^1$	$= 11 + 54 + 121 + 251 + 251$
$688 := 1^2 + 5^4 + 21^1 + 41^1$	$= 12 + 54 + 211 + 411$	$688 := 1^1 + 5^4 + 13^1 + 22^1 + 27^1$	$= 11 + 54 + 131 + 221 + 271$
$688 := 1^2 + 5^4 + 22^1 + 40^1$	$= 12 + 54 + 221 + 401$	$688 := 1^1 + 5^4 + 13^1 + 23^1 + 26^1$	$= 11 + 54 + 131 + 231 + 261$
$688 := 1^2 + 5^4 + 23^1 + 39^1$	$= 12 + 54 + 231 + 391$	$688 := 1^1 + 5^4 + 13^1 + 24^1 + 25^1$	$= 11 + 54 + 131 + 241 + 251$
$688 := 1^2 + 5^4 + 24^1 + 38^1$	$= 12 + 54 + 241 + 381$	$688 := 1^1 + 5^4 + 14^1 + 21^1 + 27^1$	$= 11 + 54 + 141 + 211 + 271$
$688 := 1^2 + 5^4 + 25^1 + 37^1$	$= 12 + 54 + 251 + 371$	$688 := 1^1 + 5^4 + 14^1 + 22^1 + 26^1$	$= 11 + 54 + 141 + 221 + 261$
$688 := 1^2 + 5^4 + 26^1 + 36^1$	$= 12 + 54 + 261 + 361$	$688 := 1^1 + 5^4 + 14^1 + 23^1 + 25^1$	$= 11 + 54 + 141 + 231 + 251$
$688 := 1^2 + 5^4 + 27^1 + 35^1$	$= 12 + 54 + 271 + 351$	$688 := 1^1 + 5^4 + 14^1 + 24^1 + 24^1$	$= 11 + 54 + 141 + 241 + 241$
$688 := 1^2 + 5^4 + 28^1 + 34^1$	$= 12 + 54 + 281 + 341$	$688 := 1^1 + 5^4 + 15^1 + 20^1 + 27^1$	$= 11 + 54 + 151 + 201 + 271$
$688 := 1^2 + 5^4 + 29^1 + 33^1$	$= 12 + 54 + 291 + 331$	$688 := 1^1 + 5^4 + 15^1 + 21^1 + 26^1$	$= 11 + 54 + 151 + 211 + 261$
$688 := 1^2 + 5^4 + 30^1 + 32^1$	$= 12 + 54 + 301 + 321$	$688 := 1^1 + 5^4 + 15^1 + 22^1 + 25^1$	$= 11 + 54 + 151 + 221 + 251$
$688 := 1^2 + 5^4 + 31^1 + 31^1$	$= 12 + 54 + 311 + 311$	$688 := 1^1 + 5^4 + 15^1 + 23^1 + 24^1$	$= 11 + 54 + 151 + 231 + 241$
$688 := 1^2 + 5^4 + 6^1 + 56^1$	$= 12 + 54 + 61 + 561$	$688 := 1^1 + 5^4 + 16^1 + 19^1 + 27^1$	$= 11 + 54 + 161 + 191 + 271$
$688 := 1^2 + 5^4 + 7^1 + 55^1$	$= 12 + 54 + 71 + 551$	$688 := 1^1 + 5^4 + 16^1 + 20^1 + 26^1$	$= 11 + 54 + 161 + 201 + 261$
$688 := 1^2 + 5^4 + 8^1 + 54^1$	$= 12 + 54 + 81 + 541$	$688 := 1^1 + 5^4 + 16^1 + 21^1 + 25^1$	$= 11 + 54 + 161 + 211 + 251$
$688 := 1^2 + 5^4 + 9^1 + 53^1$	$= 12 + 54 + 91 + 531$	$688 := 1^1 + 5^4 + 16^1 + 22^1 + 24^1$	$= 11 + 54 + 161 + 221 + 241$
$688 := 1^2 + 7^3 + 7^3 + 53^0$	$= 12 + 73 + 73 + 530$	$688 := 1^1 + 5^4 + 16^1 + 23^1 + 23^1$	$= 11 + 54 + 161 + 231 + 231$
$688 := 1^3 + 16^2 + 20^2 + 31^1$	$= 13 + 162 + 202 + 311$	$688 := 1^1 + 5^4 + 17^1 + 18^1 + 27^1$	$= 11 + 54 + 171 + 181 + 271$
$688 := 1^3 + 5^2 + 25^2 + 37^1$	$= 13 + 52 + 252 + 371$	$688 := 1^1 + 5^4 + 17^1 + 19^1 + 26^1$	$= 11 + 54 + 171 + 191 + 261$

$$\begin{aligned} 688 &:= 1^1 + 5^4 + 17^1 + 20^1 + 25^1 = 11 + 54 + 171 + 201 + 251 & 688 &:= 1^2 + 7^1 + 16^2 + 20^2 + 24^1 = 12 + 71 + 162 + 202 + 241 \\ 688 &:= 1^1 + 5^4 + 17^1 + 21^1 + 24^1 = 11 + 54 + 171 + 211 + 241 & 688 &:= 1^2 + 7^2 + 14^2 + 21^2 + 25^0 = 12 + 72 + 142 + 212 + 250 \\ 688 &:= 1^1 + 5^4 + 17^1 + 22^1 + 23^1 = 11 + 54 + 171 + 221 + 231 & 688 &:= 1^2 + 7^3 + 18^2 + 19^1 + 23^0 = 12 + 73 + 182 + 191 + 230 \\ 688 &:= 1^1 + 5^4 + 18^1 + 18^1 + 26^1 = 11 + 54 + 181 + 181 + 261 & 688 &:= 1^2 + 8^1 + 16^2 + 20^2 + 23^1 = 12 + 81 + 162 + 202 + 231 \\ 688 &:= 1^1 + 5^4 + 18^1 + 19^1 + 25^1 = 11 + 54 + 181 + 191 + 251 & 688 &:= 1^2 + 9^1 + 16^2 + 20^2 + 22^1 = 12 + 91 + 162 + 202 + 221 \\ 688 &:= 1^1 + 5^4 + 18^1 + 20^1 + 24^1 = 11 + 54 + 181 + 201 + 241 & 688 &:= 1^2 + 9^2 + 11^2 + 22^2 + 25^0 = 12 + 92 + 112 + 222 + 250 \\ 688 &:= 1^1 + 5^4 + 18^1 + 21^1 + 23^1 = 11 + 54 + 181 + 211 + 231 & 688 &:= 1^3 + 10^1 + 10^2 + 23^0 + 24^2 = 13 + 101 + 102 + 230 + 242 \\ 688 &:= 1^1 + 5^4 + 18^1 + 22^1 + 22^1 = 11 + 54 + 181 + 221 + 221 & 688 &:= 1^3 + 11^0 + 15^2 + 20^1 + 21^2 = 13 + 110 + 152 + 201 + 212 \\ 688 &:= 1^1 + 5^4 + 19^1 + 19^1 + 24^1 = 11 + 54 + 191 + 191 + 241 & 688 &:= 1^3 + 12^2 + 13^1 + 19^0 + 23^2 = 13 + 122 + 131 + 190 + 232 \\ 688 &:= 1^1 + 5^4 + 19^1 + 20^1 + 23^1 = 11 + 54 + 191 + 201 + 231 & 688 &:= 1^3 + 6^1 + 14^2 + 22^2 + 25^0 = 13 + 61 + 142 + 222 + 250 \\ 688 &:= 1^1 + 5^4 + 19^1 + 21^1 + 22^1 = 11 + 54 + 191 + 211 + 221 & 688 &:= 1^3 + 6^2 + 11^0 + 25^1 + 25^2 = 13 + 62 + 110 + 251 + 252 \\ 688 &:= 1^1 + 5^4 + 20^1 + 20^1 + 22^1 = 11 + 54 + 201 + 201 + 221 & 688 &:= 1^3 + 7^2 + 12^1 + 23^0 + 25^2 = 13 + 72 + 121 + 230 + 252 \\ 688 &:= 1^1 + 5^4 + 20^1 + 21^1 + 21^1 = 11 + 54 + 201 + 211 + 211 & 688 &:= 1^4 + 10^0 + 18^2 + 19^2 + 20^0 = 14 + 100 + 182 + 192 + 200 \\ 688 &:= 1^1 + 5^4 + 8^1 + 27^1 + 27^1 = 11 + 54 + 81 + 271 + 271 & 688 &:= 1^4 + 11^0 + 18^2 + 19^0 + 19^2 = 14 + 110 + 182 + 190 + 192 \\ 688 &:= 1^1 + 5^4 + 9^1 + 26^1 + 27^1 = 11 + 54 + 91 + 261 + 271 & 688 &:= 1^4 + 12^0 + 18^0 + 18^2 + 19^2 = 14 + 120 + 180 + 182 + 192 \\ 688 &:= 1^1 + 6^2 + 15^2 + 20^2 + 26^1 = 11 + 62 + 152 + 202 + 261 & 688 &:= 1^4 + 13^0 + 17^0 + 18^2 + 19^2 = 14 + 130 + 170 + 182 + 192 \\ 688 &:= 1^1 + 7^2 + 17^2 + 18^2 + 25^1 = 11 + 72 + 172 + 182 + 251 & 688 &:= 1^4 + 14^0 + 16^0 + 18^2 + 19^2 = 14 + 140 + 160 + 182 + 192 \\ 688 &:= 1^2 + 10^1 + 16^2 + 20^2 + 21^1 = 12 + 101 + 162 + 202 + 211 & 688 &:= 1^4 + 15^0 + 15^0 + 18^2 + 19^2 = 14 + 150 + 150 + 182 + 192 \\ 688 &:= 1^2 + 10^2 + 15^2 + 19^2 + 23^0 = 12 + 102 + 152 + 192 + 230 & 688 &:= 1^4 + 3^0 + 18^2 + 19^2 + 27^0 = 14 + 30 + 182 + 192 + 270 \\ 688 &:= 1^2 + 11^1 + 16^2 + 20^1 + 20^2 = 12 + 111 + 162 + 201 + 202 & 688 &:= 1^4 + 3^2 + 11^0 + 26^2 + 27^0 = 14 + 32 + 110 + 262 + 270 \\ 688 &:= 1^2 + 12^1 + 16^2 + 19^1 + 20^2 = 12 + 121 + 162 + 191 + 202 & 688 &:= 1^4 + 3^2 + 12^0 + 26^0 + 26^2 = 14 + 32 + 120 + 260 + 262 \\ 688 &:= 1^2 + 13^1 + 16^2 + 18^1 + 20^2 = 12 + 131 + 162 + 181 + 202 & 688 &:= 1^4 + 3^2 + 13^0 + 25^0 + 26^2 = 14 + 32 + 130 + 250 + 262 \\ 688 &:= 1^2 + 14^1 + 16^2 + 17^1 + 20^2 = 12 + 141 + 162 + 171 + 202 & 688 &:= 1^4 + 3^2 + 14^0 + 24^0 + 26^2 = 14 + 32 + 140 + 240 + 262 \\ 688 &:= 1^2 + 15^1 + 16^1 + 16^2 + 20^2 = 12 + 151 + 161 + 162 + 202 & 688 &:= 1^4 + 3^2 + 15^0 + 23^0 + 26^2 = 14 + 32 + 150 + 230 + 262 \\ 688 &:= 1^2 + 4^1 + 16^2 + 20^2 + 27^1 = 12 + 41 + 162 + 202 + 271 & 688 &:= 1^4 + 3^2 + 16^0 + 22^0 + 26^2 = 14 + 32 + 160 + 220 + 262 \\ 688 &:= 1^2 + 5^1 + 16^2 + 20^2 + 26^1 = 12 + 51 + 162 + 202 + 261 & 688 &:= 1^4 + 3^2 + 17^0 + 21^0 + 26^2 = 14 + 32 + 170 + 210 + 262 \\ 688 &:= 1^2 + 5^2 + 10^1 + 25^2 + 27^1 = 12 + 52 + 101 + 252 + 271 & 688 &:= 1^4 + 3^2 + 18^0 + 20^0 + 26^2 = 14 + 32 + 180 + 200 + 262 \\ 688 &:= 1^2 + 5^2 + 11^1 + 25^2 + 26^1 = 12 + 52 + 111 + 252 + 261 & 688 &:= 1^4 + 3^2 + 19^0 + 19^0 + 26^2 = 14 + 32 + 190 + 190 + 262 \\ 688 &:= 1^2 + 5^2 + 12^1 + 25^1 + 25^2 = 12 + 52 + 121 + 251 + 252 & 688 &:= 1^4 + 4^0 + 18^2 + 19^2 + 26^0 = 14 + 40 + 182 + 192 + 260 \\ 688 &:= 1^2 + 5^2 + 13^1 + 24^1 + 25^2 = 12 + 52 + 131 + 241 + 252 & 688 &:= 1^4 + 5^0 + 18^2 + 19^2 + 25^0 = 14 + 50 + 182 + 192 + 250 \\ 688 &:= 1^2 + 5^2 + 14^1 + 23^1 + 25^2 = 12 + 52 + 141 + 231 + 252 & 688 &:= 1^4 + 6^0 + 18^2 + 19^2 + 24^0 = 14 + 60 + 182 + 192 + 240 \\ 688 &:= 1^2 + 5^2 + 15^1 + 22^1 + 25^2 = 12 + 52 + 151 + 221 + 252 & 688 &:= 1^4 + 7^0 + 18^2 + 19^2 + 23^0 = 14 + 70 + 182 + 192 + 230 \\ 688 &:= 1^2 + 5^2 + 16^1 + 21^1 + 25^2 = 12 + 52 + 161 + 211 + 252 & 688 &:= 1^4 + 8^0 + 18^2 + 19^2 + 22^0 = 14 + 80 + 182 + 192 + 220 \\ 688 &:= 1^2 + 5^2 + 17^1 + 20^1 + 25^2 = 12 + 52 + 171 + 201 + 252 & 688 &:= 1^4 + 9^0 + 18^2 + 19^2 + 21^0 = 14 + 90 + 182 + 192 + 210 \\ 688 &:= 1^2 + 5^2 + 18^1 + 19^1 + 25^2 = 12 + 52 + 181 + 191 + 252 & 688 &:= 1^5 + 5^0 + 9^1 + 26^2 + 27^0 = 15 + 50 + 91 + 262 + 270 \\ 688 &:= 1^2 + 6^1 + 16^2 + 20^2 + 25^1 = 12 + 61 + 162 + 202 + 251 & 688 &:= 1^5 + 6^0 + 9^1 + 26^0 + 26^2 = 15 + 60 + 91 + 260 + 262 \\ 688 &:= 1^2 + 6^2 + 11^2 + 23^2 + 27^0 = 12 + 62 + 112 + 232 + 270 & 688 &:= 1^5 + 7^0 + 9^1 + 25^0 + 26^2 = 15 + 70 + 91 + 250 + 262 \\ 688 &:= 1^2 + 6^2 + 17^2 + 19^2 + 25^0 = 12 + 62 + 172 + 192 + 250 & 688 &:= 1^5 + 8^0 + 9^1 + 24^0 + 26^2 = 15 + 80 + 91 + 240 + 262 \end{aligned}$$

$$\begin{aligned}
 688 &:= 1^5 + 9^0 + 9^1 + 23^0 + 26^2 = 15 + 90 + 91 + 230 + 262 & 688 &:= 2^1 + 5^4 + 14^1 + 20^1 + 27^1 = 21 + 54 + 141 + 201 + 271 \\
 688 &:= 1^5 + 9^1 + 10^0 + 22^0 + 26^2 = 15 + 91 + 100 + 220 + 262 & 688 &:= 2^1 + 5^4 + 14^1 + 21^1 + 26^1 = 21 + 54 + 141 + 211 + 261 \\
 688 &:= 1^5 + 9^1 + 11^0 + 21^0 + 26^2 = 15 + 91 + 110 + 210 + 262 & 688 &:= 2^1 + 5^4 + 14^1 + 22^1 + 25^1 = 21 + 54 + 141 + 221 + 251 \\
 688 &:= 1^5 + 9^1 + 12^0 + 20^0 + 26^2 = 15 + 91 + 120 + 200 + 262 & 688 &:= 2^1 + 5^4 + 14^1 + 23^1 + 24^1 = 21 + 54 + 141 + 231 + 241 \\
 688 &:= 1^5 + 9^1 + 13^0 + 19^0 + 26^2 = 15 + 91 + 130 + 190 + 262 & 688 &:= 2^1 + 5^4 + 15^1 + 19^1 + 27^1 = 21 + 54 + 151 + 191 + 271 \\
 688 &:= 1^5 + 9^1 + 14^0 + 18^0 + 26^2 = 15 + 91 + 140 + 180 + 262 & 688 &:= 2^1 + 5^4 + 15^1 + 20^1 + 26^1 = 21 + 54 + 151 + 201 + 261 \\
 688 &:= 1^5 + 9^1 + 15^0 + 17^0 + 26^2 = 15 + 91 + 150 + 170 + 262 & 688 &:= 2^1 + 5^4 + 15^1 + 21^1 + 25^1 = 21 + 54 + 151 + 211 + 251 \\
 688 &:= 1^5 + 9^1 + 16^0 + 16^0 + 26^2 = 15 + 91 + 160 + 160 + 262 & 688 &:= 2^1 + 5^4 + 15^1 + 22^1 + 24^1 = 21 + 54 + 151 + 221 + 241 \\
 688 &:= 10^1 + 10^2 + 11^2 + 16^1 + 21^2 = 101 + 102 + 112 + 161 + 212 & 688 &:= 2^1 + 5^4 + 15^1 + 23^1 + 23^1 = 21 + 54 + 151 + 231 + 231 \\
 688 &:= 10^1 + 12^2 + 14^1 + 14^2 + 18^2 = 101 + 122 + 141 + 142 + 182 & 688 &:= 2^1 + 5^4 + 16^1 + 18^1 + 27^1 = 21 + 54 + 161 + 181 + 271 \\
 688 &:= 10^2 + 11^1 + 11^2 + 15^1 + 21^2 = 102 + 111 + 112 + 151 + 212 & 688 &:= 2^1 + 5^4 + 16^1 + 19^1 + 26^1 = 21 + 54 + 161 + 191 + 261 \\
 688 &:= 10^2 + 11^2 + 12^1 + 14^1 + 21^2 = 102 + 112 + 121 + 141 + 212 & 688 &:= 2^1 + 5^4 + 16^1 + 20^1 + 25^1 = 21 + 54 + 161 + 201 + 251 \\
 688 &:= 10^2 + 11^2 + 13^1 + 13^1 + 21^2 = 102 + 112 + 131 + 131 + 212 & 688 &:= 2^1 + 5^4 + 16^1 + 21^1 + 24^1 = 21 + 54 + 161 + 211 + 241 \\
 688 &:= 11^1 + 12^2 + 13^1 + 14^2 + 18^2 = 111 + 122 + 131 + 142 + 182 & 688 &:= 2^1 + 5^4 + 16^1 + 22^1 + 23^1 = 21 + 54 + 161 + 221 + 231 \\
 688 &:= 11^2 + 11^2 + 11^2 + 17^0 + 18^2 = 112 + 112 + 112 + 170 + 182 & 688 &:= 2^1 + 5^4 + 17^1 + 17^1 + 27^1 = 21 + 54 + 171 + 171 + 271 \\
 688 &:= 12^1 + 12^1 + 12^2 + 14^2 + 18^2 = 121 + 121 + 122 + 142 + 182 & 688 &:= 2^1 + 5^4 + 17^1 + 18^1 + 26^1 = 21 + 54 + 171 + 181 + 261 \\
 688 &:= 2^1 + 10^2 + 11^2 + 21^2 + 24^1 = 21 + 102 + 112 + 212 + 241 & 688 &:= 2^1 + 5^4 + 17^1 + 19^1 + 25^1 = 21 + 54 + 171 + 191 + 251 \\
 688 &:= 2^1 + 12^2 + 14^2 + 18^2 + 22^1 = 21 + 122 + 142 + 182 + 221 & 688 &:= 2^1 + 5^4 + 17^1 + 20^1 + 24^1 = 21 + 54 + 171 + 201 + 241 \\
 688 &:= 2^1 + 3^2 + 17^2 + 19^2 + 27^1 = 21 + 32 + 172 + 192 + 271 & 688 &:= 2^1 + 5^4 + 17^1 + 21^1 + 23^1 = 21 + 54 + 171 + 211 + 231 \\
 688 &:= 2^1 + 3^5 + 15^0 + 21^2 + 27^0 = 21 + 35 + 150 + 212 + 270 & 688 &:= 2^1 + 5^4 + 17^1 + 22^1 + 22^1 = 21 + 54 + 171 + 221 + 221 \\
 688 &:= 2^1 + 3^5 + 16^0 + 21^2 + 26^0 = 21 + 35 + 160 + 212 + 260 & 688 &:= 2^1 + 5^4 + 18^1 + 18^1 + 25^1 = 21 + 54 + 181 + 181 + 251 \\
 688 &:= 2^1 + 3^5 + 17^0 + 21^2 + 25^0 = 21 + 35 + 170 + 212 + 250 & 688 &:= 2^1 + 5^4 + 18^1 + 19^1 + 24^1 = 21 + 54 + 181 + 191 + 241 \\
 688 &:= 2^1 + 3^5 + 18^0 + 21^2 + 24^0 = 21 + 35 + 180 + 212 + 240 & 688 &:= 2^1 + 5^4 + 18^1 + 20^1 + 23^1 = 21 + 54 + 181 + 201 + 231 \\
 688 &:= 2^1 + 3^5 + 19^0 + 21^2 + 23^0 = 21 + 35 + 190 + 212 + 230 & 688 &:= 2^1 + 5^4 + 18^1 + 21^1 + 22^1 = 21 + 54 + 181 + 211 + 221 \\
 688 &:= 2^1 + 3^5 + 20^0 + 21^2 + 22^0 = 21 + 35 + 200 + 212 + 220 & 688 &:= 2^1 + 5^4 + 19^1 + 19^1 + 23^1 = 21 + 54 + 191 + 191 + 231 \\
 688 &:= 2^1 + 3^5 + 21^0 + 21^0 + 21^2 = 21 + 35 + 210 + 210 + 212 & 688 &:= 2^1 + 5^4 + 19^1 + 20^1 + 22^1 = 21 + 54 + 191 + 201 + 221 \\
 688 &:= 2^1 + 5^4 + 10^1 + 24^1 + 27^1 = 21 + 54 + 101 + 241 + 271 & 688 &:= 2^1 + 5^4 + 19^1 + 21^1 + 21^1 = 21 + 54 + 191 + 211 + 211 \\
 688 &:= 2^1 + 5^4 + 10^1 + 25^1 + 26^1 = 21 + 54 + 101 + 251 + 261 & 688 &:= 2^1 + 5^4 + 20^1 + 20^1 + 21^1 = 21 + 54 + 201 + 201 + 211 \\
 688 &:= 2^1 + 5^4 + 11^1 + 23^1 + 27^1 = 21 + 54 + 111 + 231 + 271 & 688 &:= 2^1 + 5^4 + 7^1 + 27^1 + 27^1 = 21 + 54 + 71 + 271 + 271 \\
 688 &:= 2^1 + 5^4 + 11^1 + 24^1 + 26^1 = 21 + 54 + 111 + 241 + 261 & 688 &:= 2^1 + 5^4 + 8^1 + 26^1 + 27^1 = 21 + 54 + 81 + 261 + 271 \\
 688 &:= 2^1 + 5^4 + 11^1 + 25^1 + 25^1 = 21 + 54 + 111 + 251 + 251 & 688 &:= 2^1 + 5^4 + 9^1 + 25^1 + 27^1 = 21 + 54 + 91 + 251 + 271 \\
 688 &:= 2^1 + 5^4 + 12^1 + 22^1 + 27^1 = 21 + 54 + 121 + 221 + 271 & 688 &:= 2^1 + 5^4 + 9^1 + 26^1 + 26^1 = 21 + 54 + 91 + 261 + 261 \\
 688 &:= 2^1 + 5^4 + 12^1 + 23^1 + 26^1 = 21 + 54 + 121 + 231 + 261 & 688 &:= 2^1 + 6^2 + 15^2 + 20^2 + 25^1 = 21 + 62 + 152 + 202 + 251 \\
 688 &:= 2^1 + 5^4 + 12^1 + 24^1 + 25^1 = 21 + 54 + 121 + 241 + 251 & 688 &:= 2^1 + 7^2 + 17^2 + 18^2 + 24^1 = 21 + 72 + 172 + 182 + 241 \\
 688 &:= 2^1 + 5^4 + 13^1 + 21^1 + 27^1 = 21 + 54 + 131 + 211 + 271 & 688 &:= 2^1 + 7^2 + 9^2 + 23^2 + 27^1 = 21 + 72 + 92 + 232 + 271 \\
 688 &:= 2^1 + 5^4 + 13^1 + 22^1 + 26^1 = 21 + 54 + 131 + 221 + 261 & 688 &:= 2^2 + 10^1 + 13^2 + 21^1 + 22^2 = 22 + 101 + 132 + 211 + 222 \\
 688 &:= 2^1 + 5^4 + 13^1 + 23^1 + 25^1 = 21 + 54 + 131 + 231 + 251 & 688 &:= 2^2 + 11^1 + 13^2 + 20^1 + 22^2 = 22 + 111 + 132 + 201 + 222 \\
 688 &:= 2^1 + 5^4 + 13^1 + 24^1 + 24^1 = 21 + 54 + 131 + 241 + 241 & 688 &:= 2^2 + 11^2 + 11^2 + 21^2 + 23^0 = 22 + 112 + 112 + 212 + 230
 \end{aligned}$$

$$\begin{aligned} 688 &:= 2^2 + 12^1 + 13^2 + 19^1 + 22^2 = 22 + 121 + 132 + 191 + 222 & 688 &:= 3^1 + 5^4 + 12^1 + 24^1 + 24^1 = 31 + 54 + 121 + 241 + 241 \\ 688 &:= 2^2 + 13^1 + 13^2 + 18^1 + 22^2 = 22 + 131 + 132 + 181 + 222 & 688 &:= 3^1 + 5^4 + 13^1 + 20^1 + 27^1 = 31 + 54 + 131 + 201 + 271 \\ 688 &:= 2^2 + 13^2 + 14^1 + 17^1 + 22^2 = 22 + 132 + 141 + 171 + 222 & 688 &:= 3^1 + 5^4 + 13^1 + 21^1 + 26^1 = 31 + 54 + 131 + 211 + 261 \\ 688 &:= 2^2 + 13^2 + 15^1 + 16^1 + 22^2 = 22 + 132 + 151 + 161 + 222 & 688 &:= 3^1 + 5^4 + 13^1 + 22^1 + 25^1 = 31 + 54 + 131 + 221 + 251 \\ 688 &:= 2^2 + 13^2 + 15^2 + 17^2 + 21^0 = 22 + 132 + 152 + 172 + 210 & 688 &:= 3^1 + 5^4 + 13^1 + 23^1 + 24^1 = 31 + 54 + 131 + 231 + 241 \\ 688 &:= 2^2 + 4^1 + 13^2 + 22^2 + 27^1 = 22 + 41 + 132 + 222 + 271 & 688 &:= 3^1 + 5^4 + 14^1 + 19^1 + 27^1 = 31 + 54 + 141 + 191 + 271 \\ 688 &:= 2^2 + 5^1 + 13^2 + 22^2 + 26^1 = 22 + 51 + 132 + 222 + 261 & 688 &:= 3^1 + 5^4 + 14^1 + 20^1 + 26^1 = 31 + 54 + 141 + 201 + 261 \\ 688 &:= 2^2 + 6^1 + 13^2 + 22^2 + 25^1 = 22 + 61 + 132 + 222 + 251 & 688 &:= 3^1 + 5^4 + 14^1 + 21^1 + 25^1 = 31 + 54 + 141 + 211 + 251 \\ 688 &:= 2^2 + 6^3 + 13^0 + 21^2 + 26^1 = 22 + 63 + 130 + 212 + 261 & 688 &:= 3^1 + 5^4 + 14^1 + 22^1 + 24^1 = 31 + 54 + 141 + 221 + 241 \\ 688 &:= 2^2 + 7^1 + 13^2 + 22^2 + 24^1 = 22 + 71 + 132 + 222 + 241 & 688 &:= 3^1 + 5^4 + 14^1 + 23^1 + 23^1 = 31 + 54 + 141 + 231 + 231 \\ 688 &:= 2^2 + 7^3 + 16^1 + 18^2 + 25^0 = 22 + 73 + 161 + 182 + 250 & 688 &:= 3^1 + 5^4 + 15^1 + 18^1 + 27^1 = 31 + 54 + 151 + 181 + 271 \\ 688 &:= 2^2 + 8^1 + 13^2 + 22^2 + 23^1 = 22 + 81 + 132 + 222 + 231 & 688 &:= 3^1 + 5^4 + 15^1 + 19^1 + 26^1 = 31 + 54 + 151 + 191 + 261 \\ 688 &:= 2^2 + 8^3 + 12^2 + 19^0 + 27^1 = 22 + 83 + 122 + 190 + 271 & 688 &:= 3^1 + 5^4 + 15^1 + 20^1 + 25^1 = 31 + 54 + 151 + 201 + 251 \\ 688 &:= 2^2 + 9^1 + 13^2 + 22^1 + 22^2 = 22 + 91 + 132 + 221 + 222 & 688 &:= 3^1 + 5^4 + 15^1 + 21^1 + 24^1 = 31 + 54 + 151 + 211 + 241 \\ 688 &:= 2^3 + 13^1 + 15^2 + 17^0 + 21^2 = 23 + 131 + 152 + 170 + 212 & 688 &:= 3^1 + 5^4 + 15^1 + 22^1 + 23^1 = 31 + 54 + 151 + 221 + 231 \\ 688 &:= 2^3 + 5^0 + 13^2 + 22^2 + 26^1 = 23 + 50 + 132 + 222 + 261 & 688 &:= 3^1 + 5^4 + 16^1 + 17^1 + 27^1 = 31 + 54 + 161 + 171 + 271 \\ 688 &:= 2^3 + 6^1 + 12^2 + 23^2 + 25^0 = 23 + 61 + 122 + 232 + 250 & 688 &:= 3^1 + 5^4 + 16^1 + 18^1 + 26^1 = 31 + 54 + 161 + 181 + 261 \\ 688 &:= 2^3 + 6^2 + 17^0 + 18^1 + 25^2 = 23 + 62 + 170 + 181 + 252 & 688 &:= 3^1 + 5^4 + 16^1 + 19^1 + 25^1 = 31 + 54 + 161 + 191 + 251 \\ 688 &:= 2^3 + 7^0 + 16^2 + 20^2 + 23^1 = 23 + 70 + 162 + 202 + 231 & 688 &:= 3^1 + 5^4 + 16^1 + 20^1 + 24^1 = 31 + 54 + 161 + 201 + 241 \\ 688 &:= 2^3 + 9^2 + 11^0 + 22^1 + 24^2 = 23 + 92 + 110 + 221 + 242 & 688 &:= 3^1 + 5^4 + 16^1 + 21^1 + 23^1 = 31 + 54 + 161 + 211 + 231 \\ 688 &:= 2^7 + 2^9 + 16^0 + 20^1 + 27^1 = 27 + 29 + 160 + 201 + 271 & 688 &:= 3^1 + 5^4 + 16^1 + 22^1 + 22^1 = 31 + 54 + 161 + 221 + 221 \\ 688 &:= 2^7 + 2^9 + 16^0 + 21^1 + 26^1 = 27 + 29 + 160 + 211 + 261 & 688 &:= 3^1 + 5^4 + 17^1 + 17^1 + 26^1 = 31 + 54 + 171 + 171 + 261 \\ 688 &:= 2^7 + 2^9 + 16^0 + 22^1 + 25^1 = 27 + 29 + 160 + 221 + 251 & 688 &:= 3^1 + 5^4 + 17^1 + 18^1 + 25^1 = 31 + 54 + 171 + 181 + 251 \\ 688 &:= 2^7 + 2^9 + 16^0 + 23^1 + 24^1 = 27 + 29 + 160 + 231 + 241 & 688 &:= 3^1 + 5^4 + 17^1 + 19^1 + 24^1 = 31 + 54 + 171 + 191 + 241 \\ 688 &:= 3^0 + 4^3 + 14^2 + 20^2 + 27^1 = 30 + 43 + 142 + 202 + 271 & 688 &:= 3^1 + 5^4 + 17^1 + 20^1 + 23^1 = 31 + 54 + 171 + 201 + 231 \\ 688 &:= 3^1 + 10^2 + 11^2 + 21^2 + 23^1 = 31 + 102 + 112 + 212 + 231 & 688 &:= 3^1 + 5^4 + 17^1 + 21^1 + 22^1 = 31 + 54 + 171 + 211 + 221 \\ 688 &:= 3^1 + 12^2 + 14^2 + 18^2 + 21^1 = 31 + 122 + 142 + 182 + 211 & 688 &:= 3^1 + 5^4 + 18^1 + 18^1 + 24^1 = 31 + 54 + 181 + 181 + 241 \\ 688 &:= 3^1 + 3^2 + 17^2 + 19^2 + 26^1 = 31 + 32 + 172 + 192 + 261 & 688 &:= 3^1 + 5^4 + 18^1 + 19^1 + 23^1 = 31 + 54 + 181 + 191 + 231 \\ 688 &:= 3^1 + 3^4 + 11^0 + 24^2 + 27^1 = 31 + 34 + 110 + 242 + 271 & 688 &:= 3^1 + 5^4 + 18^1 + 20^1 + 22^1 = 31 + 54 + 181 + 201 + 221 \\ 688 &:= 3^1 + 5^4 + 10^1 + 23^1 + 27^1 = 31 + 54 + 101 + 231 + 271 & 688 &:= 3^1 + 5^4 + 18^1 + 21^1 + 21^1 = 31 + 54 + 181 + 211 + 211 \\ 688 &:= 3^1 + 5^4 + 10^1 + 24^1 + 26^1 = 31 + 54 + 101 + 241 + 261 & 688 &:= 3^1 + 5^4 + 19^1 + 19^1 + 22^1 = 31 + 54 + 191 + 191 + 221 \\ 688 &:= 3^1 + 5^4 + 10^1 + 25^1 + 25^1 = 31 + 54 + 101 + 251 + 251 & 688 &:= 3^1 + 5^4 + 19^1 + 20^1 + 21^1 = 31 + 54 + 191 + 201 + 211 \\ 688 &:= 3^1 + 5^4 + 11^1 + 22^1 + 27^1 = 31 + 54 + 111 + 221 + 271 & 688 &:= 3^1 + 5^4 + 20^1 + 20^1 + 20^1 = 31 + 54 + 201 + 201 + 201 \\ 688 &:= 3^1 + 5^4 + 11^1 + 23^1 + 26^1 = 31 + 54 + 111 + 231 + 261 & 688 &:= 3^1 + 5^4 + 6^1 + 27^1 + 27^1 = 31 + 54 + 61 + 271 + 271 \\ 688 &:= 3^1 + 5^4 + 11^1 + 24^1 + 25^1 = 31 + 54 + 111 + 241 + 251 & 688 &:= 3^1 + 5^4 + 7^1 + 26^1 + 27^1 = 31 + 54 + 71 + 261 + 271 \\ 688 &:= 3^1 + 5^4 + 12^1 + 21^1 + 27^1 = 31 + 54 + 121 + 211 + 271 & 688 &:= 3^1 + 5^4 + 8^1 + 25^1 + 27^1 = 31 + 54 + 81 + 251 + 271 \\ 688 &:= 3^1 + 5^4 + 12^1 + 22^1 + 26^1 = 31 + 54 + 121 + 221 + 261 & 688 &:= 3^1 + 5^4 + 8^1 + 26^1 + 26^1 = 31 + 54 + 81 + 261 + 261 \\ 688 &:= 3^1 + 5^4 + 12^1 + 23^1 + 25^1 = 31 + 54 + 121 + 231 + 251 & 688 &:= 3^1 + 5^4 + 9^1 + 24^1 + 27^1 = 31 + 54 + 91 + 241 + 271 \end{aligned}$$

$$\begin{aligned} 688 &:= 3^1 + 5^4 + 9^1 + 25^1 + 26^1 = 31 + 54 + 91 + 251 + 261 & 688 &:= 3^4 + 11^0 + 13^1 + 17^1 + 24^2 = 34 + 110 + 131 + 171 + 242 \\ 688 &:= 3^1 + 6^2 + 15^2 + 20^2 + 24^1 = 31 + 62 + 152 + 202 + 241 & 688 &:= 3^4 + 11^0 + 14^1 + 16^1 + 24^2 = 34 + 110 + 141 + 161 + 242 \\ 688 &:= 3^1 + 7^2 + 17^2 + 18^2 + 23^1 = 31 + 72 + 172 + 182 + 231 & 688 &:= 3^4 + 11^0 + 15^1 + 15^1 + 24^2 = 34 + 110 + 151 + 151 + 242 \\ 688 &:= 3^1 + 7^2 + 9^2 + 23^2 + 26^1 = 31 + 72 + 92 + 232 + 261 & 688 &:= 3^4 + 11^2 + 12^0 + 20^0 + 22^2 = 34 + 112 + 120 + 200 + 222 \\ 688 &:= 3^2 + 10^1 + 17^2 + 19^1 + 19^2 = 32 + 101 + 172 + 191 + 192 & 688 &:= 3^4 + 11^2 + 13^0 + 19^0 + 22^2 = 34 + 112 + 130 + 190 + 222 \\ 688 &:= 3^2 + 10^2 + 17^2 + 17^2 + 21^0 = 32 + 102 + 172 + 172 + 210 & 688 &:= 3^4 + 11^2 + 14^0 + 18^0 + 22^2 = 34 + 112 + 140 + 180 + 222 \\ 688 &:= 3^2 + 11^1 + 17^2 + 18^1 + 19^2 = 32 + 111 + 172 + 181 + 192 & 688 &:= 3^4 + 11^2 + 15^0 + 17^0 + 22^2 = 34 + 112 + 150 + 170 + 222 \\ 688 &:= 3^2 + 11^2 + 14^2 + 19^2 + 21^0 = 32 + 112 + 142 + 192 + 210 & 688 &:= 3^4 + 11^2 + 16^0 + 16^0 + 22^2 = 34 + 112 + 160 + 160 + 222 \\ 688 &:= 3^2 + 12^1 + 17^1 + 17^2 + 19^2 = 32 + 121 + 171 + 172 + 192 & 688 &:= 3^4 + 4^1 + 11^0 + 24^2 + 26^1 = 34 + 41 + 110 + 242 + 261 \\ 688 &:= 3^2 + 13^1 + 16^1 + 17^2 + 19^2 = 32 + 131 + 161 + 172 + 192 & 688 &:= 3^4 + 5^0 + 11^2 + 22^2 + 27^0 = 34 + 50 + 112 + 222 + 270 \\ 688 &:= 3^2 + 14^1 + 15^1 + 17^2 + 19^2 = 32 + 141 + 151 + 172 + 192 & 688 &:= 3^4 + 5^1 + 11^0 + 24^2 + 25^1 = 34 + 51 + 110 + 242 + 251 \\ 688 &:= 3^2 + 3^3 + 11^0 + 25^2 + 26^1 = 32 + 33 + 110 + 252 + 261 & 688 &:= 3^4 + 6^0 + 11^2 + 22^2 + 26^0 = 34 + 60 + 112 + 222 + 260 \\ 688 &:= 3^2 + 4^1 + 17^2 + 19^2 + 25^1 = 32 + 41 + 172 + 192 + 251 & 688 &:= 3^4 + 6^1 + 11^0 + 24^1 + 24^2 = 34 + 61 + 110 + 241 + 242 \\ 688 &:= 3^2 + 5^1 + 17^2 + 19^2 + 24^1 = 32 + 51 + 172 + 192 + 241 & 688 &:= 3^4 + 7^0 + 11^2 + 22^2 + 25^0 = 34 + 70 + 112 + 222 + 250 \\ 688 &:= 3^2 + 5^2 + 13^2 + 22^2 + 25^0 = 32 + 52 + 132 + 222 + 250 & 688 &:= 3^4 + 7^1 + 11^0 + 23^1 + 24^2 = 34 + 71 + 110 + 231 + 242 \\ 688 &:= 3^2 + 5^3 + 13^0 + 23^2 + 24^1 = 32 + 53 + 130 + 232 + 241 & 688 &:= 3^4 + 8^0 + 11^2 + 22^2 + 24^0 = 34 + 80 + 112 + 222 + 240 \\ 688 &:= 3^2 + 5^4 + 7^0 + 26^1 + 27^1 = 32 + 54 + 70 + 261 + 271 & 688 &:= 3^4 + 8^1 + 11^0 + 22^1 + 24^2 = 34 + 81 + 110 + 221 + 242 \\ 688 &:= 3^2 + 6^1 + 17^2 + 19^2 + 23^1 = 32 + 61 + 172 + 192 + 231 & 688 &:= 3^4 + 9^0 + 11^2 + 22^2 + 23^0 = 34 + 90 + 112 + 222 + 230 \\ 688 &:= 3^2 + 6^3 + 17^0 + 21^1 + 21^2 = 32 + 63 + 170 + 211 + 212 & 688 &:= 3^4 + 9^1 + 11^0 + 21^1 + 24^2 = 34 + 91 + 110 + 211 + 242 \\ 688 &:= 3^2 + 7^1 + 17^2 + 19^2 + 22^1 = 32 + 71 + 172 + 192 + 221 & 688 &:= 4^1 + 10^2 + 11^2 + 21^2 + 22^1 = 41 + 102 + 112 + 212 + 221 \\ 688 &:= 3^2 + 7^2 + 10^2 + 23^2 + 25^0 = 32 + 72 + 102 + 232 + 250 & 688 &:= 4^1 + 12^2 + 14^2 + 18^2 + 20^1 = 41 + 122 + 142 + 182 + 201 \\ 688 &:= 3^2 + 8^1 + 17^2 + 19^2 + 21^1 = 32 + 81 + 172 + 192 + 211 & 688 &:= 4^1 + 4^4 + 13^0 + 20^2 + 27^1 = 41 + 44 + 130 + 202 + 271 \\ 688 &:= 3^2 + 8^3 + 12^2 + 22^1 + 23^0 = 32 + 83 + 122 + 221 + 230 & 688 &:= 4^1 + 5^1 + 5^4 + 27^1 + 27^1 = 41 + 51 + 54 + 271 + 271 \\ 688 &:= 3^2 + 9^1 + 17^2 + 19^2 + 20^1 = 32 + 91 + 172 + 192 + 201 & 688 &:= 4^1 + 5^4 + 10^1 + 22^1 + 27^1 = 41 + 54 + 101 + 221 + 271 \\ 688 &:= 3^3 + 10^1 + 11^2 + 21^0 + 23^2 = 33 + 101 + 112 + 210 + 232 & 688 &:= 4^1 + 5^4 + 10^1 + 23^1 + 26^1 = 41 + 54 + 101 + 231 + 261 \\ 688 &:= 3^3 + 10^1 + 17^2 + 19^0 + 19^2 = 33 + 101 + 172 + 190 + 192 & 688 &:= 4^1 + 5^4 + 10^1 + 24^1 + 25^1 = 41 + 54 + 101 + 241 + 251 \\ 688 &:= 3^3 + 12^1 + 17^0 + 18^2 + 18^2 = 33 + 121 + 170 + 182 + 182 & 688 &:= 4^1 + 5^4 + 11^1 + 21^1 + 27^1 = 41 + 54 + 111 + 211 + 271 \\ 688 &:= 3^3 + 4^1 + 16^2 + 20^2 + 25^0 = 33 + 41 + 162 + 202 + 250 & 688 &:= 4^1 + 5^4 + 11^1 + 22^1 + 26^1 = 41 + 54 + 111 + 221 + 261 \\ 688 &:= 3^3 + 4^2 + 17^0 + 19^1 + 25^2 = 33 + 42 + 170 + 191 + 252 & 688 &:= 4^1 + 5^4 + 11^1 + 23^1 + 25^1 = 41 + 54 + 111 + 231 + 251 \\ 688 &:= 3^3 + 5^2 + 10^1 + 25^0 + 25^2 = 33 + 52 + 101 + 250 + 252 & 688 &:= 4^1 + 5^4 + 11^1 + 24^1 + 24^1 = 41 + 54 + 111 + 241 + 241 \\ 688 &:= 3^3 + 7^0 + 14^2 + 21^2 + 23^1 = 33 + 70 + 142 + 212 + 231 & 688 &:= 4^1 + 5^4 + 12^1 + 20^1 + 27^1 = 41 + 54 + 121 + 201 + 271 \\ 688 &:= 3^3 + 7^1 + 13^2 + 22^2 + 23^0 = 33 + 71 + 132 + 222 + 230 & 688 &:= 4^1 + 5^4 + 12^1 + 21^1 + 26^1 = 41 + 54 + 121 + 211 + 261 \\ 688 &:= 3^3 + 8^2 + 13^0 + 20^1 + 24^2 = 33 + 82 + 130 + 201 + 242 & 688 &:= 4^1 + 5^4 + 12^1 + 22^1 + 25^1 = 41 + 54 + 121 + 221 + 251 \\ 688 &:= 3^4 + 10^0 + 11^2 + 22^0 + 22^2 = 34 + 100 + 112 + 220 + 222 & 688 &:= 4^1 + 5^4 + 12^1 + 23^1 + 24^1 = 41 + 54 + 121 + 231 + 241 \\ 688 &:= 3^4 + 10^1 + 11^0 + 20^1 + 24^2 = 34 + 101 + 110 + 201 + 242 & 688 &:= 4^1 + 5^4 + 13^1 + 19^1 + 27^1 = 41 + 54 + 131 + 191 + 271 \\ 688 &:= 3^4 + 11^0 + 11^1 + 19^1 + 24^2 = 34 + 110 + 111 + 191 + 242 & 688 &:= 4^1 + 5^4 + 13^1 + 20^1 + 26^1 = 41 + 54 + 131 + 201 + 261 \\ 688 &:= 3^4 + 11^0 + 11^2 + 21^0 + 22^2 = 34 + 110 + 112 + 210 + 222 & 688 &:= 4^1 + 5^4 + 13^1 + 21^1 + 25^1 = 41 + 54 + 131 + 211 + 251 \\ 688 &:= 3^4 + 11^0 + 12^1 + 18^1 + 24^2 = 34 + 110 + 121 + 181 + 242 & 688 &:= 4^1 + 5^4 + 13^1 + 22^1 + 24^1 = 41 + 54 + 131 + 221 + 241 \end{aligned}$$

$688 := 4^1 + 5^4 + 13^1 + 23^1 + 23^1 = 41 + 54 + 131 + 231 + 231$	$688 := 4^1 + 7^2 + 9^2 + 23^2 + 25^1 = 41 + 72 + 92 + 232 + 251$
$688 := 4^1 + 5^4 + 14^1 + 18^1 + 27^1 = 41 + 54 + 141 + 181 + 271$	$688 := 4^2 + 5^1 + 8^2 + 24^2 + 27^1 = 42 + 51 + 82 + 242 + 271$
$688 := 4^1 + 5^4 + 14^1 + 19^1 + 26^1 = 41 + 54 + 141 + 191 + 261$	$688 := 4^2 + 5^3 + 17^1 + 19^0 + 23^2 = 42 + 53 + 171 + 190 + 232$
$688 := 4^1 + 5^4 + 14^1 + 20^1 + 25^1 = 41 + 54 + 141 + 201 + 251$	$688 := 4^2 + 5^4 + 13^0 + 19^1 + 27^1 = 42 + 54 + 130 + 191 + 271$
$688 := 4^1 + 5^4 + 14^1 + 21^1 + 24^1 = 41 + 54 + 141 + 211 + 241$	$688 := 4^2 + 5^4 + 13^0 + 20^1 + 26^1 = 42 + 54 + 130 + 201 + 261$
$688 := 4^1 + 5^4 + 14^1 + 22^1 + 23^1 = 41 + 54 + 141 + 221 + 231$	$688 := 4^2 + 5^4 + 13^0 + 21^1 + 25^1 = 42 + 54 + 130 + 211 + 251$
$688 := 4^1 + 5^4 + 15^1 + 17^1 + 27^1 = 41 + 54 + 151 + 171 + 271$	$688 := 4^2 + 5^4 + 13^0 + 22^1 + 24^1 = 42 + 54 + 130 + 221 + 241$
$688 := 4^1 + 5^4 + 15^1 + 18^1 + 26^1 = 41 + 54 + 151 + 181 + 261$	$688 := 4^2 + 5^4 + 13^0 + 23^1 + 23^1 = 42 + 54 + 130 + 231 + 231$
$688 := 4^1 + 5^4 + 15^1 + 19^1 + 25^1 = 41 + 54 + 151 + 191 + 251$	$688 := 4^2 + 6^1 + 8^2 + 24^2 + 26^1 = 42 + 61 + 82 + 242 + 261$
$688 := 4^1 + 5^4 + 15^1 + 20^1 + 24^1 = 41 + 54 + 151 + 201 + 241$	$688 := 4^2 + 6^3 + 14^1 + 21^2 + 23^0 = 42 + 63 + 141 + 212 + 230$
$688 := 4^1 + 5^4 + 15^1 + 21^1 + 23^1 = 41 + 54 + 151 + 211 + 231$	$688 := 4^2 + 7^1 + 8^2 + 24^2 + 25^1 = 42 + 71 + 82 + 242 + 251$
$688 := 4^1 + 5^4 + 15^1 + 22^1 + 22^1 = 41 + 54 + 151 + 221 + 221$	$688 := 4^2 + 8^1 + 8^2 + 24^1 + 24^2 = 42 + 81 + 82 + 241 + 242$
$688 := 4^1 + 5^4 + 16^1 + 16^1 + 27^1 = 41 + 54 + 161 + 161 + 271$	$688 := 4^2 + 8^2 + 10^1 + 22^1 + 24^2 = 42 + 82 + 101 + 221 + 242$
$688 := 4^1 + 5^4 + 16^1 + 17^1 + 26^1 = 41 + 54 + 161 + 171 + 261$	$688 := 4^2 + 8^2 + 11^1 + 21^1 + 24^2 = 42 + 82 + 111 + 211 + 242$
$688 := 4^1 + 5^4 + 16^1 + 18^1 + 25^1 = 41 + 54 + 161 + 181 + 251$	$688 := 4^2 + 8^2 + 12^1 + 20^1 + 24^2 = 42 + 82 + 121 + 201 + 242$
$688 := 4^1 + 5^4 + 16^1 + 19^1 + 24^1 = 41 + 54 + 161 + 191 + 241$	$688 := 4^2 + 8^2 + 13^1 + 19^1 + 24^2 = 42 + 82 + 131 + 191 + 242$
$688 := 4^1 + 5^4 + 16^1 + 20^1 + 23^1 = 41 + 54 + 161 + 201 + 231$	$688 := 4^2 + 8^2 + 14^1 + 18^1 + 24^2 = 42 + 82 + 141 + 181 + 242$
$688 := 4^1 + 5^4 + 16^1 + 21^1 + 22^1 = 41 + 54 + 161 + 211 + 221$	$688 := 4^2 + 8^2 + 15^1 + 17^1 + 24^2 = 42 + 82 + 151 + 171 + 242$
$688 := 4^1 + 5^4 + 17^1 + 17^1 + 25^1 = 41 + 54 + 171 + 171 + 251$	$688 := 4^2 + 8^2 + 16^1 + 16^1 + 24^2 = 42 + 82 + 161 + 161 + 242$
$688 := 4^1 + 5^4 + 17^1 + 18^1 + 24^1 = 41 + 54 + 171 + 181 + 241$	$688 := 4^2 + 8^2 + 9^1 + 23^1 + 24^2 = 42 + 82 + 91 + 231 + 242$
$688 := 4^1 + 5^4 + 17^1 + 19^1 + 23^1 = 41 + 54 + 171 + 191 + 231$	$688 := 4^3 + 10^1 + 17^2 + 18^2 + 19^0 = 43 + 101 + 172 + 182 + 190$
$688 := 4^1 + 5^4 + 17^1 + 20^1 + 22^1 = 41 + 54 + 171 + 201 + 221$	$688 := 4^3 + 11^2 + 13^0 + 18^1 + 22^2 = 43 + 112 + 130 + 181 + 222$
$688 := 4^1 + 5^4 + 17^1 + 21^1 + 21^1 = 41 + 54 + 171 + 211 + 211$	$688 := 4^3 + 13^1 + 13^2 + 17^0 + 21^2 = 43 + 131 + 132 + 170 + 212$
$688 := 4^1 + 5^4 + 18^1 + 18^1 + 23^1 = 41 + 54 + 181 + 181 + 231$	$688 := 4^3 + 5^2 + 13^0 + 22^1 + 24^2 = 43 + 52 + 130 + 221 + 242$
$688 := 4^1 + 5^4 + 18^1 + 19^1 + 22^1 = 41 + 54 + 181 + 191 + 221$	$688 := 4^3 + 6^1 + 16^2 + 19^2 + 23^0 = 43 + 61 + 162 + 192 + 230$
$688 := 4^1 + 5^4 + 18^1 + 20^1 + 21^1 = 41 + 54 + 181 + 201 + 211$	$688 := 4^3 + 6^2 + 11^1 + 23^0 + 24^2 = 43 + 62 + 111 + 230 + 242$
$688 := 4^1 + 5^4 + 19^1 + 19^1 + 21^1 = 41 + 54 + 191 + 191 + 211$	$688 := 4^3 + 9^2 + 13^1 + 19^0 + 23^2 = 43 + 92 + 131 + 190 + 232$
$688 := 4^1 + 5^4 + 19^1 + 20^1 + 20^1 = 41 + 54 + 191 + 201 + 201$	$688 := 4^4 + 10^1 + 13^0 + 20^2 + 21^1 = 44 + 101 + 130 + 202 + 211$
$688 := 4^1 + 5^4 + 6^1 + 26^1 + 27^1 = 41 + 54 + 61 + 261 + 271$	$688 := 4^4 + 11^1 + 13^0 + 20^1 + 20^2 = 44 + 111 + 130 + 201 + 202$
$688 := 4^1 + 5^4 + 7^1 + 25^1 + 27^1 = 41 + 54 + 71 + 251 + 271$	$688 := 4^4 + 12^1 + 13^0 + 19^1 + 20^2 = 44 + 121 + 130 + 191 + 202$
$688 := 4^1 + 5^4 + 7^1 + 26^1 + 26^1 = 41 + 54 + 71 + 261 + 261$	$688 := 4^4 + 13^0 + 13^1 + 18^1 + 20^2 = 44 + 130 + 131 + 181 + 202$
$688 := 4^1 + 5^4 + 8^1 + 24^1 + 27^1 = 41 + 54 + 81 + 241 + 271$	$688 := 4^4 + 13^0 + 14^1 + 17^1 + 20^2 = 44 + 130 + 141 + 171 + 202$
$688 := 4^1 + 5^4 + 8^1 + 25^1 + 26^1 = 41 + 54 + 81 + 251 + 261$	$688 := 4^4 + 13^0 + 15^1 + 16^1 + 20^2 = 44 + 130 + 151 + 161 + 202$
$688 := 4^1 + 5^4 + 9^1 + 23^1 + 27^1 = 41 + 54 + 91 + 231 + 271$	$688 := 4^4 + 5^1 + 13^0 + 20^2 + 26^1 = 44 + 51 + 130 + 202 + 261$
$688 := 4^1 + 5^4 + 9^1 + 24^1 + 26^1 = 41 + 54 + 91 + 241 + 261$	$688 := 4^4 + 6^1 + 13^0 + 20^2 + 25^1 = 44 + 61 + 130 + 202 + 251$
$688 := 4^1 + 5^4 + 9^1 + 25^1 + 25^1 = 41 + 54 + 91 + 251 + 251$	$688 := 4^4 + 7^1 + 13^0 + 20^2 + 24^1 = 44 + 71 + 130 + 202 + 241$
$688 := 4^1 + 6^2 + 15^2 + 20^2 + 23^1 = 41 + 62 + 152 + 202 + 231$	$688 := 4^4 + 8^1 + 13^0 + 20^2 + 23^1 = 44 + 81 + 130 + 202 + 231$
$688 := 4^1 + 7^2 + 17^2 + 18^2 + 22^1 = 41 + 72 + 172 + 182 + 221$	$688 := 4^4 + 9^1 + 13^0 + 20^2 + 22^1 = 44 + 91 + 130 + 202 + 221$

$$\begin{aligned} 688 &:= 5^0 + 5^3 + 8^3 + 23^1 + 27^1 = 50 + 53 + 83 + 231 + 271 & 688 &:= 5^1 + 5^4 + 16^1 + 17^1 + 25^1 = 51 + 54 + 161 + 171 + 251 \\ 688 &:= 5^0 + 5^3 + 8^3 + 24^1 + 26^1 = 50 + 53 + 83 + 241 + 261 & 688 &:= 5^1 + 5^4 + 16^1 + 18^1 + 24^1 = 51 + 54 + 161 + 181 + 241 \\ 688 &:= 5^0 + 5^3 + 8^3 + 25^1 + 25^1 = 50 + 53 + 83 + 251 + 251 & 688 &:= 5^1 + 5^4 + 16^1 + 19^1 + 23^1 = 51 + 54 + 161 + 191 + 231 \\ 688 &:= 5^1 + 10^2 + 11^2 + 21^1 + 21^2 = 51 + 102 + 112 + 211 + 212 & 688 &:= 5^1 + 5^4 + 16^1 + 20^1 + 22^1 = 51 + 54 + 161 + 201 + 221 \\ 688 &:= 5^1 + 12^2 + 14^2 + 18^2 + 19^1 = 51 + 122 + 142 + 182 + 191 & 688 &:= 5^1 + 5^4 + 16^1 + 21^1 + 21^1 = 51 + 54 + 161 + 211 + 211 \\ 688 &:= 5^1 + 5^1 + 5^4 + 26^1 + 27^1 = 51 + 51 + 54 + 261 + 271 & 688 &:= 5^1 + 5^4 + 17^1 + 17^1 + 24^1 = 51 + 54 + 171 + 171 + 241 \\ 688 &:= 5^1 + 5^3 + 14^2 + 19^2 + 25^0 = 51 + 53 + 142 + 192 + 250 & 688 &:= 5^1 + 5^4 + 17^1 + 18^1 + 23^1 = 51 + 54 + 171 + 181 + 231 \\ 688 &:= 5^1 + 5^4 + 10^1 + 21^1 + 27^1 = 51 + 54 + 101 + 211 + 271 & 688 &:= 5^1 + 5^4 + 17^1 + 19^1 + 22^1 = 51 + 54 + 171 + 191 + 221 \\ 688 &:= 5^1 + 5^4 + 10^1 + 22^1 + 26^1 = 51 + 54 + 101 + 221 + 261 & 688 &:= 5^1 + 5^4 + 17^1 + 20^1 + 21^1 = 51 + 54 + 171 + 201 + 211 \\ 688 &:= 5^1 + 5^4 + 10^1 + 23^1 + 25^1 = 51 + 54 + 101 + 231 + 251 & 688 &:= 5^1 + 5^4 + 18^1 + 18^1 + 22^1 = 51 + 54 + 181 + 181 + 221 \\ 688 &:= 5^1 + 5^4 + 10^1 + 24^1 + 24^1 = 51 + 54 + 101 + 241 + 241 & 688 &:= 5^1 + 5^4 + 18^1 + 19^1 + 21^1 = 51 + 54 + 181 + 191 + 211 \\ 688 &:= 5^1 + 5^4 + 11^1 + 20^1 + 27^1 = 51 + 54 + 111 + 201 + 271 & 688 &:= 5^1 + 5^4 + 18^1 + 20^1 + 20^1 = 51 + 54 + 181 + 201 + 201 \\ 688 &:= 5^1 + 5^4 + 11^1 + 21^1 + 26^1 = 51 + 54 + 111 + 211 + 261 & 688 &:= 5^1 + 5^4 + 19^1 + 19^1 + 20^1 = 51 + 54 + 191 + 191 + 201 \\ 688 &:= 5^1 + 5^4 + 11^1 + 22^1 + 25^1 = 51 + 54 + 111 + 221 + 251 & 688 &:= 5^1 + 5^4 + 6^1 + 25^1 + 27^1 = 51 + 54 + 61 + 251 + 271 \\ 688 &:= 5^1 + 5^4 + 11^1 + 23^1 + 24^1 = 51 + 54 + 111 + 231 + 241 & 688 &:= 5^1 + 5^4 + 6^1 + 26^1 + 26^1 = 51 + 54 + 61 + 261 + 261 \\ 688 &:= 5^1 + 5^4 + 12^1 + 19^1 + 27^1 = 51 + 54 + 121 + 191 + 271 & 688 &:= 5^1 + 5^4 + 7^1 + 24^1 + 27^1 = 51 + 54 + 71 + 241 + 271 \\ 688 &:= 5^1 + 5^4 + 12^1 + 20^1 + 26^1 = 51 + 54 + 121 + 201 + 261 & 688 &:= 5^1 + 5^4 + 7^1 + 25^1 + 26^1 = 51 + 54 + 71 + 251 + 261 \\ 688 &:= 5^1 + 5^4 + 12^1 + 21^1 + 25^1 = 51 + 54 + 121 + 211 + 251 & 688 &:= 5^1 + 5^4 + 8^1 + 23^1 + 27^1 = 51 + 54 + 81 + 231 + 271 \\ 688 &:= 5^1 + 5^4 + 12^1 + 22^1 + 24^1 = 51 + 54 + 121 + 221 + 241 & 688 &:= 5^1 + 5^4 + 8^1 + 24^1 + 26^1 = 51 + 54 + 81 + 241 + 261 \\ 688 &:= 5^1 + 5^4 + 12^1 + 23^1 + 23^1 = 51 + 54 + 121 + 231 + 231 & 688 &:= 5^1 + 5^4 + 8^1 + 25^1 + 25^1 = 51 + 54 + 81 + 251 + 251 \\ 688 &:= 5^1 + 5^4 + 13^1 + 18^1 + 27^1 = 51 + 54 + 131 + 181 + 271 & 688 &:= 5^1 + 5^4 + 9^1 + 22^1 + 27^1 = 51 + 54 + 91 + 221 + 271 \\ 688 &:= 5^1 + 5^4 + 13^1 + 19^1 + 26^1 = 51 + 54 + 131 + 191 + 261 & 688 &:= 5^1 + 5^4 + 9^1 + 23^1 + 26^1 = 51 + 54 + 91 + 231 + 261 \\ 688 &:= 5^1 + 5^4 + 13^1 + 20^1 + 25^1 = 51 + 54 + 131 + 201 + 251 & 688 &:= 5^1 + 5^4 + 9^1 + 24^1 + 25^1 = 51 + 54 + 91 + 241 + 251 \\ 688 &:= 5^1 + 5^4 + 13^1 + 21^1 + 24^1 = 51 + 54 + 131 + 211 + 241 & 688 &:= 5^1 + 6^2 + 15^2 + 20^2 + 22^1 = 51 + 62 + 152 + 202 + 221 \\ 688 &:= 5^1 + 5^4 + 13^1 + 22^1 + 23^1 = 51 + 54 + 131 + 221 + 231 & 688 &:= 5^1 + 7^2 + 17^2 + 18^2 + 21^1 = 51 + 72 + 172 + 182 + 211 \\ 688 &:= 5^1 + 5^4 + 14^1 + 17^1 + 27^1 = 51 + 54 + 141 + 171 + 271 & 688 &:= 5^1 + 7^2 + 9^2 + 23^2 + 24^1 = 51 + 72 + 92 + 232 + 241 \\ 688 &:= 5^1 + 5^4 + 14^1 + 18^1 + 26^1 = 51 + 54 + 141 + 181 + 261 & 688 &:= 5^2 + 10^2 + 11^2 + 21^0 + 21^2 = 52 + 102 + 112 + 210 + 212 \\ 688 &:= 5^1 + 5^4 + 14^1 + 19^1 + 25^1 = 51 + 54 + 141 + 191 + 251 & 688 &:= 5^2 + 13^2 + 13^2 + 18^2 + 19^0 = 52 + 132 + 132 + 182 + 190 \\ 688 &:= 5^1 + 5^4 + 14^1 + 20^1 + 24^1 = 51 + 54 + 141 + 201 + 241 & 688 &:= 5^2 + 5^2 + 14^2 + 21^2 + 23^0 = 52 + 52 + 142 + 212 + 230 \\ 688 &:= 5^1 + 5^4 + 14^1 + 21^1 + 23^1 = 51 + 54 + 141 + 211 + 231 & 688 &:= 5^2 + 5^3 + 8^1 + 23^2 + 27^0 = 52 + 53 + 81 + 232 + 270 \\ 688 &:= 5^1 + 5^4 + 14^1 + 22^1 + 22^1 = 51 + 54 + 141 + 221 + 221 & 688 &:= 5^2 + 5^4 + 10^1 + 21^0 + 27^1 = 52 + 54 + 101 + 210 + 271 \\ 688 &:= 5^1 + 5^4 + 15^1 + 16^1 + 27^1 = 51 + 54 + 151 + 161 + 271 & 688 &:= 5^2 + 5^4 + 11^1 + 21^0 + 26^1 = 52 + 54 + 111 + 210 + 261 \\ 688 &:= 5^1 + 5^4 + 15^1 + 17^1 + 26^1 = 51 + 54 + 151 + 171 + 261 & 688 &:= 5^2 + 5^4 + 12^1 + 21^0 + 25^1 = 52 + 54 + 121 + 210 + 251 \\ 688 &:= 5^1 + 5^4 + 15^1 + 18^1 + 25^1 = 51 + 54 + 151 + 181 + 251 & 688 &:= 5^2 + 5^4 + 13^1 + 21^0 + 24^1 = 52 + 54 + 131 + 210 + 241 \\ 688 &:= 5^1 + 5^4 + 15^1 + 19^1 + 24^1 = 51 + 54 + 151 + 191 + 241 & 688 &:= 5^2 + 5^4 + 14^1 + 21^0 + 23^1 = 52 + 54 + 141 + 210 + 231 \\ 688 &:= 5^1 + 5^4 + 15^1 + 20^1 + 23^1 = 51 + 54 + 151 + 201 + 231 & 688 &:= 5^2 + 5^4 + 15^1 + 21^0 + 22^1 = 52 + 54 + 151 + 210 + 221 \\ 688 &:= 5^1 + 5^4 + 15^1 + 21^1 + 22^1 = 51 + 54 + 151 + 211 + 221 & 688 &:= 5^2 + 5^4 + 16^1 + 21^0 + 21^1 = 52 + 54 + 161 + 210 + 211 \\ 688 &:= 5^1 + 5^4 + 16^1 + 16^1 + 26^1 = 51 + 54 + 161 + 161 + 261 & 688 &:= 5^2 + 5^4 + 17^1 + 20^1 + 21^0 = 52 + 54 + 171 + 201 + 210 \end{aligned}$$

$$\begin{aligned} 688 &:= 5^2 + 5^4 + 18^1 + 19^1 + 21^0 = 52 + 54 + 181 + 191 + 210 & 688 &:= 5^4 + 10^1 + 13^1 + 18^1 + 22^1 = 54 + 101 + 131 + 181 + 221 \\ 688 &:= 5^2 + 5^4 + 6^2 + 25^0 + 27^0 = 52 + 54 + 62 + 250 + 270 & 688 &:= 5^4 + 10^1 + 13^1 + 19^1 + 21^1 = 54 + 101 + 131 + 191 + 211 \\ 688 &:= 5^2 + 5^4 + 6^2 + 26^0 + 26^0 = 52 + 54 + 62 + 260 + 260 & 688 &:= 5^4 + 10^1 + 13^1 + 20^1 + 20^1 = 54 + 101 + 131 + 201 + 201 \\ 688 &:= 5^2 + 7^2 + 17^2 + 18^2 + 21^0 = 52 + 72 + 172 + 182 + 210 & 688 &:= 5^4 + 10^1 + 14^1 + 14^1 + 25^1 = 54 + 101 + 141 + 141 + 251 \\ 688 &:= 5^3 + 10^2 + 11^0 + 21^1 + 21^2 = 53 + 102 + 110 + 211 + 212 & 688 &:= 5^4 + 10^1 + 14^1 + 15^1 + 24^1 = 54 + 101 + 141 + 151 + 241 \\ 688 &:= 5^3 + 12^2 + 13^0 + 18^1 + 20^2 = 53 + 122 + 130 + 181 + 202 & 688 &:= 5^4 + 10^1 + 14^1 + 16^1 + 23^1 = 54 + 101 + 141 + 161 + 231 \\ 688 &:= 5^3 + 13^0 + 16^2 + 17^1 + 17^2 = 53 + 130 + 162 + 171 + 172 & 688 &:= 5^4 + 10^1 + 14^1 + 17^1 + 22^1 = 54 + 101 + 141 + 171 + 221 \\ 688 &:= 5^3 + 13^1 + 15^2 + 17^0 + 18^2 = 53 + 131 + 152 + 170 + 182 & 688 &:= 5^4 + 10^1 + 14^1 + 18^1 + 21^1 = 54 + 101 + 141 + 181 + 211 \\ 688 &:= 5^3 + 7^2 + 8^3 + 21^0 + 27^0 = 53 + 72 + 83 + 210 + 270 & 688 &:= 5^4 + 10^1 + 14^1 + 19^1 + 20^1 = 54 + 101 + 141 + 191 + 201 \\ 688 &:= 5^3 + 7^2 + 8^3 + 22^0 + 26^0 = 53 + 72 + 83 + 220 + 260 & 688 &:= 5^4 + 10^1 + 15^1 + 15^1 + 23^1 = 54 + 101 + 151 + 151 + 231 \\ 688 &:= 5^3 + 7^2 + 8^3 + 23^0 + 25^0 = 53 + 72 + 83 + 230 + 250 & 688 &:= 5^4 + 10^1 + 15^1 + 16^1 + 22^1 = 54 + 101 + 151 + 161 + 221 \\ 688 &:= 5^3 + 7^2 + 8^3 + 24^0 + 24^0 = 53 + 72 + 83 + 240 + 240 & 688 &:= 5^4 + 10^1 + 15^1 + 17^1 + 21^1 = 54 + 101 + 151 + 171 + 211 \\ 688 &:= 5^3 + 8^2 + 14^1 + 19^0 + 22^2 = 53 + 82 + 141 + 190 + 222 & 688 &:= 5^4 + 10^1 + 15^1 + 18^1 + 20^1 = 54 + 101 + 151 + 181 + 201 \\ 688 &:= 5^4 + 10^1 + 10^1 + 16^1 + 27^1 = 54 + 101 + 101 + 161 + 271 & 688 &:= 5^4 + 10^1 + 15^1 + 19^1 + 19^1 = 54 + 101 + 151 + 191 + 191 \\ 688 &:= 5^4 + 10^1 + 10^1 + 17^1 + 26^1 = 54 + 101 + 101 + 171 + 261 & 688 &:= 5^4 + 10^1 + 16^1 + 16^1 + 21^1 = 54 + 101 + 161 + 161 + 211 \\ 688 &:= 5^4 + 10^1 + 10^1 + 18^1 + 25^1 = 54 + 101 + 101 + 181 + 251 & 688 &:= 5^4 + 10^1 + 16^1 + 17^1 + 20^1 = 54 + 101 + 161 + 171 + 201 \\ 688 &:= 5^4 + 10^1 + 10^1 + 19^1 + 24^1 = 54 + 101 + 101 + 191 + 241 & 688 &:= 5^4 + 10^1 + 16^1 + 18^1 + 19^1 = 54 + 101 + 161 + 181 + 191 \\ 688 &:= 5^4 + 10^1 + 10^1 + 20^1 + 23^1 = 54 + 101 + 101 + 201 + 231 & 688 &:= 5^4 + 10^1 + 17^1 + 17^1 + 19^1 = 54 + 101 + 171 + 171 + 191 \\ 688 &:= 5^4 + 10^1 + 10^1 + 21^1 + 22^1 = 54 + 101 + 101 + 211 + 221 & 688 &:= 5^4 + 10^1 + 17^1 + 18^1 + 18^1 = 54 + 101 + 171 + 181 + 181 \\ 688 &:= 5^4 + 10^1 + 11^1 + 15^1 + 27^1 = 54 + 101 + 111 + 151 + 271 & 688 &:= 5^4 + 11^1 + 11^1 + 14^1 + 27^1 = 54 + 111 + 111 + 141 + 271 \\ 688 &:= 5^4 + 10^1 + 11^1 + 16^1 + 26^1 = 54 + 101 + 111 + 161 + 261 & 688 &:= 5^4 + 11^1 + 11^1 + 15^1 + 26^1 = 54 + 111 + 111 + 151 + 261 \\ 688 &:= 5^4 + 10^1 + 11^1 + 17^1 + 25^1 = 54 + 101 + 111 + 171 + 251 & 688 &:= 5^4 + 11^1 + 11^1 + 16^1 + 25^1 = 54 + 111 + 111 + 161 + 251 \\ 688 &:= 5^4 + 10^1 + 11^1 + 18^1 + 24^1 = 54 + 101 + 111 + 181 + 241 & 688 &:= 5^4 + 11^1 + 11^1 + 17^1 + 24^1 = 54 + 111 + 111 + 171 + 241 \\ 688 &:= 5^4 + 10^1 + 11^1 + 19^1 + 23^1 = 54 + 101 + 111 + 191 + 231 & 688 &:= 5^4 + 11^1 + 11^1 + 18^1 + 23^1 = 54 + 111 + 111 + 181 + 231 \\ 688 &:= 5^4 + 10^1 + 11^1 + 20^1 + 22^1 = 54 + 101 + 111 + 201 + 221 & 688 &:= 5^4 + 11^1 + 11^1 + 19^1 + 22^1 = 54 + 111 + 111 + 191 + 221 \\ 688 &:= 5^4 + 10^1 + 11^1 + 21^1 + 21^1 = 54 + 101 + 111 + 211 + 211 & 688 &:= 5^4 + 11^1 + 11^1 + 20^1 + 21^1 = 54 + 111 + 111 + 201 + 211 \\ 688 &:= 5^4 + 10^1 + 12^1 + 14^1 + 27^1 = 54 + 101 + 121 + 141 + 271 & 688 &:= 5^4 + 11^1 + 12^1 + 13^1 + 27^1 = 54 + 111 + 121 + 131 + 271 \\ 688 &:= 5^4 + 10^1 + 12^1 + 15^1 + 26^1 = 54 + 101 + 121 + 151 + 261 & 688 &:= 5^4 + 11^1 + 12^1 + 14^1 + 26^1 = 54 + 111 + 121 + 141 + 261 \\ 688 &:= 5^4 + 10^1 + 12^1 + 16^1 + 25^1 = 54 + 101 + 121 + 161 + 251 & 688 &:= 5^4 + 11^1 + 12^1 + 15^1 + 25^1 = 54 + 111 + 121 + 151 + 251 \\ 688 &:= 5^4 + 10^1 + 12^1 + 17^1 + 24^1 = 54 + 101 + 121 + 171 + 241 & 688 &:= 5^4 + 11^1 + 12^1 + 16^1 + 24^1 = 54 + 111 + 121 + 161 + 241 \\ 688 &:= 5^4 + 10^1 + 12^1 + 18^1 + 23^1 = 54 + 101 + 121 + 181 + 231 & 688 &:= 5^4 + 11^1 + 12^1 + 17^1 + 23^1 = 54 + 111 + 121 + 171 + 231 \\ 688 &:= 5^4 + 10^1 + 12^1 + 19^1 + 22^1 = 54 + 101 + 121 + 191 + 221 & 688 &:= 5^4 + 11^1 + 12^1 + 18^1 + 22^1 = 54 + 111 + 121 + 181 + 221 \\ 688 &:= 5^4 + 10^1 + 12^1 + 20^1 + 21^1 = 54 + 101 + 121 + 201 + 211 & 688 &:= 5^4 + 11^1 + 12^1 + 19^1 + 21^1 = 54 + 111 + 121 + 191 + 211 \\ 688 &:= 5^4 + 10^1 + 13^1 + 13^1 + 27^1 = 54 + 101 + 131 + 131 + 271 & 688 &:= 5^4 + 11^1 + 12^1 + 20^1 + 20^1 = 54 + 111 + 121 + 201 + 201 \\ 688 &:= 5^4 + 10^1 + 13^1 + 14^1 + 26^1 = 54 + 101 + 131 + 141 + 261 & 688 &:= 5^4 + 11^1 + 13^1 + 13^1 + 26^1 = 54 + 111 + 131 + 131 + 261 \\ 688 &:= 5^4 + 10^1 + 13^1 + 15^1 + 25^1 = 54 + 101 + 131 + 151 + 251 & 688 &:= 5^4 + 11^1 + 13^1 + 14^1 + 25^1 = 54 + 111 + 131 + 141 + 251 \\ 688 &:= 5^4 + 10^1 + 13^1 + 16^1 + 24^1 = 54 + 101 + 131 + 161 + 241 & 688 &:= 5^4 + 11^1 + 13^1 + 15^1 + 24^1 = 54 + 111 + 131 + 151 + 241 \\ 688 &:= 5^4 + 10^1 + 13^1 + 17^1 + 23^1 = 54 + 101 + 131 + 171 + 231 & 688 &:= 5^4 + 11^1 + 13^1 + 16^1 + 23^1 = 54 + 111 + 131 + 161 + 231 \end{aligned}$$

$$\begin{aligned} 688 &:= 5^4 + 11^1 + 13^1 + 17^1 + 22^1 = 54 + 111 + 131 + 171 + 221 & 688 &:= 5^4 + 12^1 + 15^1 + 16^1 + 20^1 = 54 + 121 + 151 + 161 + 201 \\ 688 &:= 5^4 + 11^1 + 13^1 + 18^1 + 21^1 = 54 + 111 + 131 + 181 + 211 & 688 &:= 5^4 + 12^1 + 15^1 + 17^1 + 19^1 = 54 + 121 + 151 + 171 + 191 \\ 688 &:= 5^4 + 11^1 + 13^1 + 19^1 + 20^1 = 54 + 111 + 131 + 191 + 201 & 688 &:= 5^4 + 12^1 + 15^1 + 18^1 + 18^1 = 54 + 121 + 151 + 181 + 181 \\ 688 &:= 5^4 + 11^1 + 14^1 + 14^1 + 24^1 = 54 + 111 + 141 + 141 + 241 & 688 &:= 5^4 + 12^1 + 16^1 + 16^1 + 19^1 = 54 + 121 + 161 + 161 + 191 \\ 688 &:= 5^4 + 11^1 + 14^1 + 15^1 + 23^1 = 54 + 111 + 141 + 151 + 231 & 688 &:= 5^4 + 12^1 + 16^1 + 17^1 + 18^1 = 54 + 121 + 161 + 171 + 181 \\ 688 &:= 5^4 + 11^1 + 14^1 + 16^1 + 22^1 = 54 + 111 + 141 + 161 + 221 & 688 &:= 5^4 + 12^1 + 17^1 + 17^1 + 17^1 = 54 + 121 + 171 + 171 + 171 \\ 688 &:= 5^4 + 11^1 + 14^1 + 17^1 + 21^1 = 54 + 111 + 141 + 171 + 211 & 688 &:= 5^4 + 13^1 + 13^1 + 13^1 + 24^1 = 54 + 131 + 131 + 131 + 241 \\ 688 &:= 5^4 + 11^1 + 14^1 + 18^1 + 20^1 = 54 + 111 + 141 + 181 + 201 & 688 &:= 5^4 + 13^1 + 13^1 + 14^1 + 23^1 = 54 + 131 + 131 + 141 + 231 \\ 688 &:= 5^4 + 11^1 + 14^1 + 19^1 + 19^1 = 54 + 111 + 141 + 191 + 191 & 688 &:= 5^4 + 13^1 + 13^1 + 15^1 + 22^1 = 54 + 131 + 131 + 151 + 221 \\ 688 &:= 5^4 + 11^1 + 15^1 + 15^1 + 22^1 = 54 + 111 + 151 + 151 + 221 & 688 &:= 5^4 + 13^1 + 13^1 + 16^1 + 21^1 = 54 + 131 + 131 + 161 + 211 \\ 688 &:= 5^4 + 11^1 + 15^1 + 16^1 + 21^1 = 54 + 111 + 151 + 161 + 211 & 688 &:= 5^4 + 13^1 + 13^1 + 17^1 + 20^1 = 54 + 131 + 131 + 171 + 201 \\ 688 &:= 5^4 + 11^1 + 15^1 + 17^1 + 20^1 = 54 + 111 + 151 + 171 + 201 & 688 &:= 5^4 + 13^1 + 13^1 + 18^1 + 19^1 = 54 + 131 + 131 + 181 + 191 \\ 688 &:= 5^4 + 11^1 + 15^1 + 18^1 + 19^1 = 54 + 111 + 151 + 181 + 191 & 688 &:= 5^4 + 13^1 + 14^1 + 14^1 + 22^1 = 54 + 131 + 141 + 141 + 221 \\ 688 &:= 5^4 + 11^1 + 16^1 + 16^1 + 20^1 = 54 + 111 + 161 + 161 + 201 & 688 &:= 5^4 + 13^1 + 14^1 + 15^1 + 21^1 = 54 + 131 + 141 + 151 + 211 \\ 688 &:= 5^4 + 11^1 + 16^1 + 17^1 + 19^1 = 54 + 111 + 161 + 171 + 191 & 688 &:= 5^4 + 13^1 + 14^1 + 16^1 + 20^1 = 54 + 131 + 141 + 161 + 201 \\ 688 &:= 5^4 + 11^1 + 16^1 + 18^1 + 18^1 = 54 + 111 + 161 + 181 + 181 & 688 &:= 5^4 + 13^1 + 14^1 + 17^1 + 19^1 = 54 + 131 + 141 + 171 + 191 \\ 688 &:= 5^4 + 11^1 + 17^1 + 17^1 + 18^1 = 54 + 111 + 171 + 171 + 181 & 688 &:= 5^4 + 13^1 + 14^1 + 18^1 + 18^1 = 54 + 131 + 141 + 181 + 181 \\ 688 &:= 5^4 + 12^1 + 12^1 + 12^1 + 27^1 = 54 + 121 + 121 + 121 + 271 & 688 &:= 5^4 + 13^1 + 15^1 + 15^1 + 20^1 = 54 + 131 + 151 + 151 + 201 \\ 688 &:= 5^4 + 12^1 + 12^1 + 13^1 + 26^1 = 54 + 121 + 121 + 131 + 261 & 688 &:= 5^4 + 13^1 + 15^1 + 16^1 + 19^1 = 54 + 131 + 151 + 161 + 191 \\ 688 &:= 5^4 + 12^1 + 12^1 + 14^1 + 25^1 = 54 + 121 + 121 + 141 + 251 & 688 &:= 5^4 + 13^1 + 15^1 + 17^1 + 18^1 = 54 + 131 + 151 + 171 + 181 \\ 688 &:= 5^4 + 12^1 + 12^1 + 15^1 + 24^1 = 54 + 121 + 121 + 151 + 241 & 688 &:= 5^4 + 13^1 + 16^1 + 16^1 + 18^1 = 54 + 131 + 161 + 161 + 181 \\ 688 &:= 5^4 + 12^1 + 12^1 + 16^1 + 23^1 = 54 + 121 + 121 + 161 + 231 & 688 &:= 5^4 + 13^1 + 16^1 + 17^1 + 17^1 = 54 + 131 + 161 + 171 + 171 \\ 688 &:= 5^4 + 12^1 + 12^1 + 17^1 + 22^1 = 54 + 121 + 121 + 171 + 221 & 688 &:= 5^4 + 14^1 + 14^1 + 14^1 + 21^1 = 54 + 141 + 141 + 141 + 211 \\ 688 &:= 5^4 + 12^1 + 12^1 + 18^1 + 21^1 = 54 + 121 + 121 + 181 + 211 & 688 &:= 5^4 + 14^1 + 14^1 + 15^1 + 20^1 = 54 + 141 + 141 + 151 + 201 \\ 688 &:= 5^4 + 12^1 + 12^1 + 19^1 + 20^1 = 54 + 121 + 121 + 191 + 201 & 688 &:= 5^4 + 14^1 + 14^1 + 16^1 + 19^1 = 54 + 141 + 141 + 161 + 191 \\ 688 &:= 5^4 + 12^1 + 13^1 + 13^1 + 25^1 = 54 + 121 + 131 + 131 + 251 & 688 &:= 5^4 + 14^1 + 14^1 + 17^1 + 18^1 = 54 + 141 + 141 + 171 + 181 \\ 688 &:= 5^4 + 12^1 + 13^1 + 14^1 + 24^1 = 54 + 121 + 131 + 141 + 241 & 688 &:= 5^4 + 14^1 + 15^1 + 15^1 + 19^1 = 54 + 141 + 151 + 151 + 191 \\ 688 &:= 5^4 + 12^1 + 13^1 + 15^1 + 23^1 = 54 + 121 + 131 + 151 + 231 & 688 &:= 5^4 + 14^1 + 15^1 + 16^1 + 18^1 = 54 + 141 + 151 + 161 + 181 \\ 688 &:= 5^4 + 12^1 + 13^1 + 16^1 + 22^1 = 54 + 121 + 131 + 161 + 221 & 688 &:= 5^4 + 14^1 + 15^1 + 17^1 + 17^1 = 54 + 141 + 151 + 171 + 171 \\ 688 &:= 5^4 + 12^1 + 13^1 + 17^1 + 21^1 = 54 + 121 + 131 + 171 + 211 & 688 &:= 5^4 + 14^1 + 16^1 + 16^1 + 17^1 = 54 + 141 + 161 + 161 + 171 \\ 688 &:= 5^4 + 12^1 + 13^1 + 18^1 + 20^1 = 54 + 121 + 131 + 181 + 201 & 688 &:= 5^4 + 15^1 + 15^1 + 15^1 + 18^1 = 54 + 151 + 151 + 151 + 181 \\ 688 &:= 5^4 + 12^1 + 13^1 + 19^1 + 19^1 = 54 + 121 + 131 + 191 + 191 & 688 &:= 5^4 + 15^1 + 15^1 + 16^1 + 17^1 = 54 + 151 + 151 + 161 + 171 \\ 688 &:= 5^4 + 12^1 + 14^1 + 14^1 + 23^1 = 54 + 121 + 141 + 141 + 231 & 688 &:= 5^4 + 15^1 + 16^1 + 16^1 + 16^1 = 54 + 151 + 161 + 161 + 161 \\ 688 &:= 5^4 + 12^1 + 14^1 + 15^1 + 22^1 = 54 + 121 + 141 + 151 + 221 & 688 &:= 5^4 + 6^1 + 10^1 + 20^1 + 27^1 = 54 + 61 + 101 + 201 + 271 \\ 688 &:= 5^4 + 12^1 + 14^1 + 16^1 + 21^1 = 54 + 121 + 141 + 161 + 211 & 688 &:= 5^4 + 6^1 + 10^1 + 21^1 + 26^1 = 54 + 61 + 101 + 211 + 261 \\ 688 &:= 5^4 + 12^1 + 14^1 + 17^1 + 20^1 = 54 + 121 + 141 + 171 + 201 & 688 &:= 5^4 + 6^1 + 10^1 + 22^1 + 25^1 = 54 + 61 + 101 + 221 + 251 \\ 688 &:= 5^4 + 12^1 + 14^1 + 18^1 + 19^1 = 54 + 121 + 141 + 181 + 191 & 688 &:= 5^4 + 6^1 + 10^1 + 23^1 + 24^1 = 54 + 61 + 101 + 231 + 241 \\ 688 &:= 5^4 + 12^1 + 15^1 + 15^1 + 21^1 = 54 + 121 + 151 + 151 + 211 & 688 &:= 5^4 + 6^1 + 11^1 + 19^1 + 27^1 = 54 + 61 + 111 + 191 + 271 \end{aligned}$$

$688 := 5^4 + 6^1 + 11^1 + 20^1 + 26^1$	$= 54 + 61 + 111 + 201 + 261$	$688 := 5^4 + 6^1 + 18^1 + 19^1 + 20^1$	$= 54 + 61 + 181 + 191 + 201$
$688 := 5^4 + 6^1 + 11^1 + 21^1 + 25^1$	$= 54 + 61 + 111 + 211 + 251$	$688 := 5^4 + 6^1 + 19^1 + 19^1 + 19^1$	$= 54 + 61 + 191 + 191 + 191$
$688 := 5^4 + 6^1 + 11^1 + 22^1 + 24^1$	$= 54 + 61 + 111 + 221 + 241$	$688 := 5^4 + 6^1 + 6^1 + 24^1 + 27^1$	$= 54 + 61 + 61 + 241 + 271$
$688 := 5^4 + 6^1 + 11^1 + 23^1 + 23^1$	$= 54 + 61 + 111 + 231 + 231$	$688 := 5^4 + 6^1 + 6^1 + 25^1 + 26^1$	$= 54 + 61 + 61 + 251 + 261$
$688 := 5^4 + 6^1 + 12^1 + 18^1 + 27^1$	$= 54 + 61 + 121 + 181 + 271$	$688 := 5^4 + 6^1 + 7^1 + 23^1 + 27^1$	$= 54 + 61 + 71 + 231 + 271$
$688 := 5^4 + 6^1 + 12^1 + 19^1 + 26^1$	$= 54 + 61 + 121 + 191 + 261$	$688 := 5^4 + 6^1 + 7^1 + 24^1 + 26^1$	$= 54 + 61 + 71 + 241 + 261$
$688 := 5^4 + 6^1 + 12^1 + 20^1 + 25^1$	$= 54 + 61 + 121 + 201 + 251$	$688 := 5^4 + 6^1 + 7^1 + 25^1 + 25^1$	$= 54 + 61 + 71 + 251 + 251$
$688 := 5^4 + 6^1 + 12^1 + 21^1 + 24^1$	$= 54 + 61 + 121 + 211 + 241$	$688 := 5^4 + 6^1 + 8^1 + 22^1 + 27^1$	$= 54 + 61 + 81 + 221 + 271$
$688 := 5^4 + 6^1 + 12^1 + 22^1 + 23^1$	$= 54 + 61 + 121 + 221 + 231$	$688 := 5^4 + 6^1 + 8^1 + 23^1 + 26^1$	$= 54 + 61 + 81 + 231 + 261$
$688 := 5^4 + 6^1 + 13^1 + 17^1 + 27^1$	$= 54 + 61 + 131 + 171 + 271$	$688 := 5^4 + 6^1 + 8^1 + 24^1 + 25^1$	$= 54 + 61 + 81 + 241 + 251$
$688 := 5^4 + 6^1 + 13^1 + 18^1 + 26^1$	$= 54 + 61 + 131 + 181 + 261$	$688 := 5^4 + 6^1 + 9^1 + 21^1 + 27^1$	$= 54 + 61 + 91 + 211 + 271$
$688 := 5^4 + 6^1 + 13^1 + 19^1 + 25^1$	$= 54 + 61 + 131 + 191 + 251$	$688 := 5^4 + 6^1 + 9^1 + 22^1 + 26^1$	$= 54 + 61 + 91 + 221 + 261$
$688 := 5^4 + 6^1 + 13^1 + 20^1 + 24^1$	$= 54 + 61 + 131 + 201 + 241$	$688 := 5^4 + 6^1 + 9^1 + 23^1 + 25^1$	$= 54 + 61 + 91 + 231 + 251$
$688 := 5^4 + 6^1 + 13^1 + 21^1 + 23^1$	$= 54 + 61 + 131 + 211 + 231$	$688 := 5^4 + 6^1 + 9^1 + 24^1 + 24^1$	$= 54 + 61 + 91 + 241 + 241$
$688 := 5^4 + 6^1 + 13^1 + 22^1 + 22^1$	$= 54 + 61 + 131 + 221 + 221$	$688 := 5^4 + 7^1 + 10^1 + 19^1 + 27^1$	$= 54 + 71 + 101 + 191 + 271$
$688 := 5^4 + 6^1 + 14^1 + 16^1 + 27^1$	$= 54 + 61 + 141 + 161 + 271$	$688 := 5^4 + 7^1 + 10^1 + 20^1 + 26^1$	$= 54 + 71 + 101 + 201 + 261$
$688 := 5^4 + 6^1 + 14^1 + 17^1 + 26^1$	$= 54 + 61 + 141 + 171 + 261$	$688 := 5^4 + 7^1 + 10^1 + 21^1 + 25^1$	$= 54 + 71 + 101 + 211 + 251$
$688 := 5^4 + 6^1 + 14^1 + 18^1 + 25^1$	$= 54 + 61 + 141 + 181 + 251$	$688 := 5^4 + 7^1 + 10^1 + 22^1 + 24^1$	$= 54 + 71 + 101 + 221 + 241$
$688 := 5^4 + 6^1 + 14^1 + 19^1 + 24^1$	$= 54 + 61 + 141 + 191 + 241$	$688 := 5^4 + 7^1 + 10^1 + 23^1 + 23^1$	$= 54 + 71 + 101 + 231 + 231$
$688 := 5^4 + 6^1 + 14^1 + 20^1 + 23^1$	$= 54 + 61 + 141 + 201 + 231$	$688 := 5^4 + 7^1 + 11^1 + 18^1 + 27^1$	$= 54 + 71 + 111 + 181 + 271$
$688 := 5^4 + 6^1 + 14^1 + 21^1 + 22^1$	$= 54 + 61 + 141 + 211 + 221$	$688 := 5^4 + 7^1 + 11^1 + 19^1 + 26^1$	$= 54 + 71 + 111 + 191 + 261$
$688 := 5^4 + 6^1 + 15^1 + 15^1 + 27^1$	$= 54 + 61 + 151 + 151 + 271$	$688 := 5^4 + 7^1 + 11^1 + 20^1 + 25^1$	$= 54 + 71 + 111 + 201 + 251$
$688 := 5^4 + 6^1 + 15^1 + 16^1 + 26^1$	$= 54 + 61 + 151 + 161 + 261$	$688 := 5^4 + 7^1 + 11^1 + 21^1 + 24^1$	$= 54 + 71 + 111 + 211 + 241$
$688 := 5^4 + 6^1 + 15^1 + 17^1 + 25^1$	$= 54 + 61 + 151 + 171 + 251$	$688 := 5^4 + 7^1 + 11^1 + 22^1 + 23^1$	$= 54 + 71 + 111 + 221 + 231$
$688 := 5^4 + 6^1 + 15^1 + 18^1 + 24^1$	$= 54 + 61 + 151 + 181 + 241$	$688 := 5^4 + 7^1 + 12^1 + 17^1 + 27^1$	$= 54 + 71 + 121 + 171 + 271$
$688 := 5^4 + 6^1 + 15^1 + 19^1 + 23^1$	$= 54 + 61 + 151 + 191 + 231$	$688 := 5^4 + 7^1 + 12^1 + 18^1 + 26^1$	$= 54 + 71 + 121 + 181 + 261$
$688 := 5^4 + 6^1 + 15^1 + 20^1 + 22^1$	$= 54 + 61 + 151 + 201 + 221$	$688 := 5^4 + 7^1 + 12^1 + 19^1 + 25^1$	$= 54 + 71 + 121 + 191 + 251$
$688 := 5^4 + 6^1 + 15^1 + 21^1 + 21^1$	$= 54 + 61 + 151 + 211 + 211$	$688 := 5^4 + 7^1 + 12^1 + 20^1 + 24^1$	$= 54 + 71 + 121 + 201 + 241$
$688 := 5^4 + 6^1 + 16^1 + 16^1 + 25^1$	$= 54 + 61 + 161 + 161 + 251$	$688 := 5^4 + 7^1 + 12^1 + 21^1 + 23^1$	$= 54 + 71 + 121 + 211 + 231$
$688 := 5^4 + 6^1 + 16^1 + 17^1 + 24^1$	$= 54 + 61 + 161 + 171 + 241$	$688 := 5^4 + 7^1 + 12^1 + 22^1 + 22^1$	$= 54 + 71 + 121 + 221 + 221$
$688 := 5^4 + 6^1 + 16^1 + 18^1 + 23^1$	$= 54 + 61 + 161 + 181 + 231$	$688 := 5^4 + 7^1 + 13^1 + 16^1 + 27^1$	$= 54 + 71 + 131 + 161 + 271$
$688 := 5^4 + 6^1 + 16^1 + 19^1 + 22^1$	$= 54 + 61 + 161 + 191 + 221$	$688 := 5^4 + 7^1 + 13^1 + 17^1 + 26^1$	$= 54 + 71 + 131 + 171 + 261$
$688 := 5^4 + 6^1 + 16^1 + 20^1 + 21^1$	$= 54 + 61 + 161 + 201 + 211$	$688 := 5^4 + 7^1 + 13^1 + 18^1 + 25^1$	$= 54 + 71 + 131 + 181 + 251$
$688 := 5^4 + 6^1 + 17^1 + 17^1 + 23^1$	$= 54 + 61 + 171 + 171 + 231$	$688 := 5^4 + 7^1 + 13^1 + 19^1 + 24^1$	$= 54 + 71 + 131 + 191 + 241$
$688 := 5^4 + 6^1 + 17^1 + 18^1 + 22^1$	$= 54 + 61 + 171 + 181 + 221$	$688 := 5^4 + 7^1 + 13^1 + 20^1 + 23^1$	$= 54 + 71 + 131 + 201 + 231$
$688 := 5^4 + 6^1 + 17^1 + 19^1 + 21^1$	$= 54 + 61 + 171 + 191 + 211$	$688 := 5^4 + 7^1 + 13^1 + 21^1 + 22^1$	$= 54 + 71 + 131 + 211 + 221$
$688 := 5^4 + 6^1 + 17^1 + 20^1 + 20^1$	$= 54 + 61 + 171 + 201 + 201$	$688 := 5^4 + 7^1 + 14^1 + 15^1 + 27^1$	$= 54 + 71 + 141 + 151 + 271$
$688 := 5^4 + 6^1 + 18^1 + 18^1 + 21^1$	$= 54 + 61 + 181 + 181 + 211$	$688 := 5^4 + 7^1 + 14^1 + 16^1 + 26^1$	$= 54 + 71 + 141 + 161 + 261$

$$\begin{aligned} 688 &:= 5^4 + 7^1 + 14^1 + 17^1 + 25^1 = 54 + 71 + 141 + 171 + 251 & 688 &:= 5^4 + 8^1 + 11^1 + 18^1 + 26^1 = 54 + 81 + 111 + 181 + 261 \\ 688 &:= 5^4 + 7^1 + 14^1 + 18^1 + 24^1 = 54 + 71 + 141 + 181 + 241 & 688 &:= 5^4 + 8^1 + 11^1 + 19^1 + 25^1 = 54 + 81 + 111 + 191 + 251 \\ 688 &:= 5^4 + 7^1 + 14^1 + 19^1 + 23^1 = 54 + 71 + 141 + 191 + 231 & 688 &:= 5^4 + 8^1 + 11^1 + 20^1 + 24^1 = 54 + 81 + 111 + 201 + 241 \\ 688 &:= 5^4 + 7^1 + 14^1 + 20^1 + 22^1 = 54 + 71 + 141 + 201 + 221 & 688 &:= 5^4 + 8^1 + 11^1 + 21^1 + 23^1 = 54 + 81 + 111 + 211 + 231 \\ 688 &:= 5^4 + 7^1 + 14^1 + 21^1 + 21^1 = 54 + 71 + 141 + 211 + 211 & 688 &:= 5^4 + 8^1 + 11^1 + 22^1 + 22^1 = 54 + 81 + 111 + 221 + 221 \\ 688 &:= 5^4 + 7^1 + 15^1 + 15^1 + 26^1 = 54 + 71 + 151 + 151 + 261 & 688 &:= 5^4 + 8^1 + 12^1 + 16^1 + 27^1 = 54 + 81 + 121 + 161 + 271 \\ 688 &:= 5^4 + 7^1 + 15^1 + 16^1 + 25^1 = 54 + 71 + 151 + 161 + 251 & 688 &:= 5^4 + 8^1 + 12^1 + 17^1 + 26^1 = 54 + 81 + 121 + 171 + 261 \\ 688 &:= 5^4 + 7^1 + 15^1 + 17^1 + 24^1 = 54 + 71 + 151 + 171 + 241 & 688 &:= 5^4 + 8^1 + 12^1 + 18^1 + 25^1 = 54 + 81 + 121 + 181 + 251 \\ 688 &:= 5^4 + 7^1 + 15^1 + 18^1 + 23^1 = 54 + 71 + 151 + 181 + 231 & 688 &:= 5^4 + 8^1 + 12^1 + 19^1 + 24^1 = 54 + 81 + 121 + 191 + 241 \\ 688 &:= 5^4 + 7^1 + 15^1 + 19^1 + 22^1 = 54 + 71 + 151 + 191 + 221 & 688 &:= 5^4 + 8^1 + 12^1 + 20^1 + 23^1 = 54 + 81 + 121 + 201 + 231 \\ 688 &:= 5^4 + 7^1 + 15^1 + 20^1 + 21^1 = 54 + 71 + 151 + 201 + 211 & 688 &:= 5^4 + 8^1 + 12^1 + 21^1 + 22^1 = 54 + 81 + 121 + 211 + 221 \\ 688 &:= 5^4 + 7^1 + 16^1 + 16^1 + 24^1 = 54 + 71 + 161 + 161 + 241 & 688 &:= 5^4 + 8^1 + 13^1 + 15^1 + 27^1 = 54 + 81 + 131 + 151 + 271 \\ 688 &:= 5^4 + 7^1 + 16^1 + 17^1 + 23^1 = 54 + 71 + 161 + 171 + 231 & 688 &:= 5^4 + 8^1 + 13^1 + 16^1 + 26^1 = 54 + 81 + 131 + 161 + 261 \\ 688 &:= 5^4 + 7^1 + 16^1 + 18^1 + 22^1 = 54 + 71 + 161 + 181 + 221 & 688 &:= 5^4 + 8^1 + 13^1 + 17^1 + 25^1 = 54 + 81 + 131 + 171 + 251 \\ 688 &:= 5^4 + 7^1 + 16^1 + 19^1 + 21^1 = 54 + 71 + 161 + 191 + 211 & 688 &:= 5^4 + 8^1 + 13^1 + 18^1 + 24^1 = 54 + 81 + 131 + 181 + 241 \\ 688 &:= 5^4 + 7^1 + 16^1 + 20^1 + 20^1 = 54 + 71 + 161 + 201 + 201 & 688 &:= 5^4 + 8^1 + 13^1 + 19^1 + 23^1 = 54 + 81 + 131 + 191 + 231 \\ 688 &:= 5^4 + 7^1 + 17^1 + 17^1 + 22^1 = 54 + 71 + 171 + 171 + 221 & 688 &:= 5^4 + 8^1 + 13^1 + 20^1 + 22^1 = 54 + 81 + 131 + 201 + 221 \\ 688 &:= 5^4 + 7^1 + 17^1 + 18^1 + 21^1 = 54 + 71 + 171 + 181 + 211 & 688 &:= 5^4 + 8^1 + 13^1 + 21^1 + 21^1 = 54 + 81 + 131 + 211 + 211 \\ 688 &:= 5^4 + 7^1 + 17^1 + 19^1 + 20^1 = 54 + 71 + 171 + 191 + 201 & 688 &:= 5^4 + 8^1 + 14^1 + 14^1 + 27^1 = 54 + 81 + 141 + 141 + 271 \\ 688 &:= 5^4 + 7^1 + 18^1 + 18^1 + 20^1 = 54 + 71 + 181 + 181 + 201 & 688 &:= 5^4 + 8^1 + 14^1 + 15^1 + 26^1 = 54 + 81 + 141 + 151 + 261 \\ 688 &:= 5^4 + 7^1 + 18^1 + 19^1 + 19^1 = 54 + 71 + 181 + 191 + 191 & 688 &:= 5^4 + 8^1 + 14^1 + 16^1 + 25^1 = 54 + 81 + 141 + 161 + 251 \\ 688 &:= 5^4 + 7^1 + 7^1 + 22^1 + 27^1 = 54 + 71 + 71 + 221 + 271 & 688 &:= 5^4 + 8^1 + 14^1 + 17^1 + 24^1 = 54 + 81 + 141 + 171 + 241 \\ 688 &:= 5^4 + 7^1 + 7^1 + 23^1 + 26^1 = 54 + 71 + 71 + 231 + 261 & 688 &:= 5^4 + 8^1 + 14^1 + 18^1 + 23^1 = 54 + 81 + 141 + 181 + 231 \\ 688 &:= 5^4 + 7^1 + 7^1 + 24^1 + 25^1 = 54 + 71 + 71 + 241 + 251 & 688 &:= 5^4 + 8^1 + 14^1 + 19^1 + 22^1 = 54 + 81 + 141 + 191 + 221 \\ 688 &:= 5^4 + 7^1 + 8^1 + 21^1 + 27^1 = 54 + 71 + 81 + 211 + 271 & 688 &:= 5^4 + 8^1 + 14^1 + 20^1 + 21^1 = 54 + 81 + 141 + 201 + 211 \\ 688 &:= 5^4 + 7^1 + 8^1 + 22^1 + 26^1 = 54 + 71 + 81 + 221 + 261 & 688 &:= 5^4 + 8^1 + 15^1 + 15^1 + 25^1 = 54 + 81 + 151 + 151 + 251 \\ 688 &:= 5^4 + 7^1 + 8^1 + 23^1 + 25^1 = 54 + 71 + 81 + 231 + 251 & 688 &:= 5^4 + 8^1 + 15^1 + 16^1 + 24^1 = 54 + 81 + 151 + 161 + 241 \\ 688 &:= 5^4 + 7^1 + 8^1 + 24^1 + 24^1 = 54 + 71 + 81 + 241 + 241 & 688 &:= 5^4 + 8^1 + 15^1 + 17^1 + 23^1 = 54 + 81 + 151 + 171 + 231 \\ 688 &:= 5^4 + 7^1 + 9^1 + 20^1 + 27^1 = 54 + 71 + 91 + 201 + 271 & 688 &:= 5^4 + 8^1 + 15^1 + 18^1 + 22^1 = 54 + 81 + 151 + 181 + 221 \\ 688 &:= 5^4 + 7^1 + 9^1 + 21^1 + 26^1 = 54 + 71 + 91 + 211 + 261 & 688 &:= 5^4 + 8^1 + 15^1 + 19^1 + 21^1 = 54 + 81 + 151 + 191 + 211 \\ 688 &:= 5^4 + 7^1 + 9^1 + 22^1 + 25^1 = 54 + 71 + 91 + 221 + 251 & 688 &:= 5^4 + 8^1 + 15^1 + 20^1 + 20^1 = 54 + 81 + 151 + 201 + 201 \\ 688 &:= 5^4 + 7^1 + 9^1 + 23^1 + 24^1 = 54 + 71 + 91 + 231 + 241 & 688 &:= 5^4 + 8^1 + 16^1 + 16^1 + 23^1 = 54 + 81 + 161 + 161 + 231 \\ 688 &:= 5^4 + 8^1 + 10^1 + 18^1 + 27^1 = 54 + 81 + 101 + 181 + 271 & 688 &:= 5^4 + 8^1 + 16^1 + 17^1 + 22^1 = 54 + 81 + 161 + 171 + 221 \\ 688 &:= 5^4 + 8^1 + 10^1 + 19^1 + 26^1 = 54 + 81 + 101 + 191 + 261 & 688 &:= 5^4 + 8^1 + 16^1 + 18^1 + 21^1 = 54 + 81 + 161 + 181 + 211 \\ 688 &:= 5^4 + 8^1 + 10^1 + 20^1 + 25^1 = 54 + 81 + 101 + 201 + 251 & 688 &:= 5^4 + 8^1 + 16^1 + 19^1 + 20^1 = 54 + 81 + 161 + 191 + 201 \\ 688 &:= 5^4 + 8^1 + 10^1 + 21^1 + 24^1 = 54 + 81 + 101 + 211 + 241 & 688 &:= 5^4 + 8^1 + 17^1 + 17^1 + 21^1 = 54 + 81 + 171 + 171 + 211 \\ 688 &:= 5^4 + 8^1 + 10^1 + 22^1 + 23^1 = 54 + 81 + 101 + 221 + 231 & 688 &:= 5^4 + 8^1 + 17^1 + 18^1 + 20^1 = 54 + 81 + 171 + 181 + 201 \\ 688 &:= 5^4 + 8^1 + 11^1 + 17^1 + 27^1 = 54 + 81 + 111 + 171 + 271 & 688 &:= 5^4 + 8^1 + 17^1 + 19^1 + 19^1 = 54 + 81 + 171 + 191 + 191 \end{aligned}$$

$688 := 5^4 + 8^1 + 18^1 + 18^1 + 19^1$	$= 54 + 81 + 181 + 181 + 191$	$688 := 5^4 + 9^1 + 14^1 + 16^1 + 24^1$	$= 54 + 91 + 141 + 161 + 241$
$688 := 5^4 + 8^1 + 8^1 + 20^1 + 27^1$	$= 54 + 81 + 81 + 201 + 271$	$688 := 5^4 + 9^1 + 14^1 + 17^1 + 23^1$	$= 54 + 91 + 141 + 171 + 231$
$688 := 5^4 + 8^1 + 8^1 + 21^1 + 26^1$	$= 54 + 81 + 81 + 211 + 261$	$688 := 5^4 + 9^1 + 14^1 + 18^1 + 22^1$	$= 54 + 91 + 141 + 181 + 221$
$688 := 5^4 + 8^1 + 8^1 + 22^1 + 25^1$	$= 54 + 81 + 81 + 221 + 251$	$688 := 5^4 + 9^1 + 14^1 + 19^1 + 21^1$	$= 54 + 91 + 141 + 191 + 211$
$688 := 5^4 + 8^1 + 8^1 + 23^1 + 24^1$	$= 54 + 81 + 81 + 231 + 241$	$688 := 5^4 + 9^1 + 14^1 + 20^1 + 20^1$	$= 54 + 91 + 141 + 201 + 201$
$688 := 5^4 + 8^1 + 9^1 + 19^1 + 27^1$	$= 54 + 81 + 91 + 191 + 271$	$688 := 5^4 + 9^1 + 15^1 + 15^1 + 24^1$	$= 54 + 91 + 151 + 151 + 241$
$688 := 5^4 + 8^1 + 9^1 + 20^1 + 26^1$	$= 54 + 81 + 91 + 201 + 261$	$688 := 5^4 + 9^1 + 15^1 + 16^1 + 23^1$	$= 54 + 91 + 151 + 161 + 231$
$688 := 5^4 + 8^1 + 9^1 + 21^1 + 25^1$	$= 54 + 81 + 91 + 211 + 251$	$688 := 5^4 + 9^1 + 15^1 + 17^1 + 22^1$	$= 54 + 91 + 151 + 171 + 221$
$688 := 5^4 + 8^1 + 9^1 + 22^1 + 24^1$	$= 54 + 81 + 91 + 221 + 241$	$688 := 5^4 + 9^1 + 15^1 + 18^1 + 21^1$	$= 54 + 91 + 151 + 181 + 211$
$688 := 5^4 + 8^1 + 9^1 + 23^1 + 23^1$	$= 54 + 81 + 91 + 231 + 231$	$688 := 5^4 + 9^1 + 15^1 + 19^1 + 20^1$	$= 54 + 91 + 151 + 191 + 201$
$688 := 5^4 + 9^1 + 10^1 + 17^1 + 27^1$	$= 54 + 91 + 101 + 171 + 271$	$688 := 5^4 + 9^1 + 16^1 + 16^1 + 22^1$	$= 54 + 91 + 161 + 161 + 221$
$688 := 5^4 + 9^1 + 10^1 + 18^1 + 26^1$	$= 54 + 91 + 101 + 181 + 261$	$688 := 5^4 + 9^1 + 16^1 + 17^1 + 21^1$	$= 54 + 91 + 161 + 171 + 211$
$688 := 5^4 + 9^1 + 10^1 + 19^1 + 25^1$	$= 54 + 91 + 101 + 191 + 251$	$688 := 5^4 + 9^1 + 16^1 + 18^1 + 20^1$	$= 54 + 91 + 161 + 181 + 201$
$688 := 5^4 + 9^1 + 10^1 + 20^1 + 24^1$	$= 54 + 91 + 101 + 201 + 241$	$688 := 5^4 + 9^1 + 16^1 + 19^1 + 19^1$	$= 54 + 91 + 161 + 191 + 191$
$688 := 5^4 + 9^1 + 10^1 + 21^1 + 23^1$	$= 54 + 91 + 101 + 211 + 231$	$688 := 5^4 + 9^1 + 17^1 + 17^1 + 20^1$	$= 54 + 91 + 171 + 171 + 201$
$688 := 5^4 + 9^1 + 10^1 + 22^1 + 22^1$	$= 54 + 91 + 101 + 221 + 221$	$688 := 5^4 + 9^1 + 17^1 + 18^1 + 19^1$	$= 54 + 91 + 171 + 181 + 191$
$688 := 5^4 + 9^1 + 11^1 + 16^1 + 27^1$	$= 54 + 91 + 111 + 161 + 271$	$688 := 5^4 + 9^1 + 18^1 + 18^1 + 18^1$	$= 54 + 91 + 181 + 181 + 181$
$688 := 5^4 + 9^1 + 11^1 + 17^1 + 26^1$	$= 54 + 91 + 111 + 171 + 261$	$688 := 5^4 + 9^1 + 9^1 + 18^1 + 27^1$	$= 54 + 91 + 91 + 181 + 271$
$688 := 5^4 + 9^1 + 11^1 + 18^1 + 25^1$	$= 54 + 91 + 111 + 181 + 251$	$688 := 5^4 + 9^1 + 9^1 + 19^1 + 26^1$	$= 54 + 91 + 91 + 191 + 261$
$688 := 5^4 + 9^1 + 11^1 + 19^1 + 24^1$	$= 54 + 91 + 111 + 191 + 241$	$688 := 5^4 + 9^1 + 9^1 + 20^1 + 25^1$	$= 54 + 91 + 91 + 201 + 251$
$688 := 5^4 + 9^1 + 11^1 + 20^1 + 23^1$	$= 54 + 91 + 111 + 201 + 231$	$688 := 5^4 + 9^1 + 9^1 + 21^1 + 24^1$	$= 54 + 91 + 91 + 211 + 241$
$688 := 5^4 + 9^1 + 11^1 + 21^1 + 22^1$	$= 54 + 91 + 111 + 211 + 221$	$688 := 5^4 + 9^1 + 9^1 + 22^1 + 23^1$	$= 54 + 91 + 91 + 221 + 231$
$688 := 5^4 + 9^1 + 12^1 + 15^1 + 27^1$	$= 54 + 91 + 121 + 151 + 271$	$688 := 6^1 + 10^2 + 11^2 + 20^1 + 21^2$	$= 61 + 102 + 112 + 201 + 212$
$688 := 5^4 + 9^1 + 12^1 + 16^1 + 26^1$	$= 54 + 91 + 121 + 161 + 261$	$688 := 6^1 + 12^2 + 14^2 + 18^1 + 18^2$	$= 61 + 122 + 142 + 181 + 182$
$688 := 5^4 + 9^1 + 12^1 + 17^1 + 25^1$	$= 54 + 91 + 121 + 171 + 251$	$688 := 6^1 + 6^2 + 15^2 + 20^2 + 21^1$	$= 61 + 62 + 152 + 202 + 211$
$688 := 5^4 + 9^1 + 12^1 + 18^1 + 24^1$	$= 54 + 91 + 121 + 181 + 241$	$688 := 6^1 + 7^2 + 17^2 + 18^2 + 20^1$	$= 61 + 72 + 172 + 182 + 201$
$688 := 5^4 + 9^1 + 12^1 + 19^1 + 23^1$	$= 54 + 91 + 121 + 191 + 231$	$688 := 6^1 + 7^2 + 9^2 + 23^1 + 23^2$	$= 61 + 72 + 92 + 231 + 232$
$688 := 5^4 + 9^1 + 12^1 + 20^1 + 22^1$	$= 54 + 91 + 121 + 201 + 221$	$688 := 6^2 + 10^1 + 15^2 + 17^1 + 20^2$	$= 62 + 101 + 152 + 171 + 202$
$688 := 5^4 + 9^1 + 12^1 + 21^1 + 21^1$	$= 54 + 91 + 121 + 211 + 211$	$688 := 6^2 + 11^1 + 15^2 + 16^1 + 20^2$	$= 62 + 111 + 152 + 161 + 202$
$688 := 5^4 + 9^1 + 13^1 + 14^1 + 27^1$	$= 54 + 91 + 131 + 141 + 271$	$688 := 6^2 + 11^2 + 13^2 + 19^0 + 19^2$	$= 62 + 112 + 132 + 190 + 192$
$688 := 5^4 + 9^1 + 13^1 + 15^1 + 26^1$	$= 54 + 91 + 131 + 151 + 261$	$688 := 6^2 + 12^1 + 15^1 + 15^2 + 20^2$	$= 62 + 121 + 151 + 152 + 202$
$688 := 5^4 + 9^1 + 13^1 + 16^1 + 25^1$	$= 54 + 91 + 131 + 161 + 251$	$688 := 6^2 + 13^1 + 14^1 + 15^2 + 20^2$	$= 62 + 131 + 141 + 152 + 202$
$688 := 5^4 + 9^1 + 13^1 + 17^1 + 24^1$	$= 54 + 91 + 131 + 171 + 241$	$688 := 6^2 + 7^1 + 15^2 + 20^1 + 20^2$	$= 62 + 71 + 152 + 201 + 202$
$688 := 5^4 + 9^1 + 13^1 + 18^1 + 23^1$	$= 54 + 91 + 131 + 181 + 231$	$688 := 6^2 + 7^3 + 17^2 + 19^0 + 19^1$	$= 62 + 73 + 172 + 190 + 191$
$688 := 5^4 + 9^1 + 13^1 + 19^1 + 22^1$	$= 54 + 91 + 131 + 191 + 221$	$688 := 6^2 + 8^1 + 15^2 + 19^1 + 20^2$	$= 62 + 81 + 152 + 191 + 202$
$688 := 5^4 + 9^1 + 13^1 + 20^1 + 21^1$	$= 54 + 91 + 131 + 201 + 211$	$688 := 6^2 + 8^3 + 11^2 + 18^1 + 25^0$	$= 62 + 83 + 112 + 181 + 250$
$688 := 5^4 + 9^1 + 14^1 + 14^1 + 26^1$	$= 54 + 91 + 141 + 141 + 261$	$688 := 6^2 + 9^1 + 15^2 + 18^1 + 20^2$	$= 62 + 91 + 152 + 181 + 202$
$688 := 5^4 + 9^1 + 14^1 + 15^1 + 25^1$	$= 54 + 91 + 141 + 151 + 251$	$688 := 6^3 + 10^1 + 10^2 + 19^2 + 23^0$	$= 63 + 101 + 102 + 192 + 230$

$688 := 6^3 + 11^0 + 15^2 + 15^2 + 21^1 = 63 + 110 + 152 + 152 + 211$	$688 := 7^2 + 9^1 + 17^1 + 17^2 + 18^2 = 72 + 91 + 171 + 172 + 182$
$688 := 6^3 + 13^0 + 14^2 + 16^2 + 19^1 = 63 + 130 + 142 + 162 + 191$	$688 := 7^2 + 9^1 + 9^2 + 20^1 + 23^2 = 72 + 91 + 92 + 201 + 232$
$688 := 6^3 + 13^1 + 13^2 + 17^2 + 19^0 = 63 + 131 + 132 + 172 + 190$	$688 := 7^2 + 9^2 + 10^1 + 19^1 + 23^2 = 72 + 92 + 101 + 191 + 232$
$688 := 6^3 + 7^0 + 11^2 + 18^2 + 26^1 = 63 + 70 + 112 + 182 + 261$	$688 := 7^2 + 9^2 + 11^1 + 18^1 + 23^2 = 72 + 92 + 111 + 181 + 232$
$688 := 6^3 + 7^1 + 8^2 + 20^2 + 27^0 = 63 + 71 + 82 + 202 + 270$	$688 := 7^2 + 9^2 + 12^1 + 17^1 + 23^2 = 72 + 92 + 121 + 171 + 232$
$688 := 6^3 + 7^2 + 13^0 + 20^2 + 22^1 = 63 + 72 + 130 + 202 + 221$	$688 := 7^2 + 9^2 + 13^1 + 16^1 + 23^2 = 72 + 92 + 131 + 161 + 232$
$688 := 7^1 + 10^2 + 11^2 + 19^1 + 21^2 = 71 + 102 + 112 + 191 + 212$	$688 := 7^2 + 9^2 + 14^1 + 15^1 + 23^2 = 72 + 92 + 141 + 151 + 232$
$688 := 7^1 + 12^2 + 14^2 + 17^1 + 18^2 = 71 + 122 + 142 + 171 + 182$	$688 := 7^2 + 9^2 + 14^2 + 19^0 + 19^2 = 72 + 92 + 142 + 190 + 192$
$688 := 7^1 + 7^2 + 17^2 + 18^2 + 19^1 = 71 + 72 + 172 + 182 + 191$	$688 := 7^3 + 10^2 + 15^2 + 17^0 + 19^1 = 73 + 102 + 152 + 170 + 191$
$688 := 7^1 + 7^2 + 9^2 + 22^1 + 23^2 = 71 + 72 + 92 + 221 + 232$	$688 := 7^3 + 8^2 + 13^0 + 16^2 + 24^1 = 73 + 82 + 130 + 162 + 241$
$688 := 7^2 + 10^1 + 16^1 + 17^2 + 18^2 = 72 + 101 + 161 + 172 + 182$	$688 := 7^3 + 9^0 + 11^2 + 14^2 + 27^1 = 73 + 90 + 112 + 142 + 271$
$688 := 7^2 + 11^1 + 15^1 + 17^2 + 18^2 = 72 + 111 + 151 + 172 + 182$	$688 := 8^1 + 10^2 + 11^2 + 18^1 + 21^2 = 81 + 102 + 112 + 181 + 212$
$688 := 7^2 + 12^1 + 14^1 + 17^2 + 18^2 = 72 + 121 + 141 + 172 + 182$	$688 := 8^1 + 12^2 + 14^2 + 16^1 + 18^2 = 81 + 122 + 142 + 161 + 182$
$688 := 7^2 + 13^1 + 13^1 + 17^2 + 18^2 = 72 + 131 + 131 + 172 + 182$	$688 := 9^1 + 10^2 + 11^2 + 17^1 + 21^2 = 91 + 102 + 112 + 171 + 212$
$688 := 7^2 + 8^1 + 17^2 + 18^1 + 18^2 = 72 + 81 + 172 + 181 + 182$	$688 := 9^1 + 12^2 + 14^2 + 15^1 + 18^2 = 91 + 122 + 142 + 151 + 182$
$688 := 7^2 + 8^1 + 9^2 + 21^1 + 23^2 = 72 + 81 + 92 + 211 + 232$	$688 := 9^2 + 11^2 + 14^2 + 17^0 + 17^2 = 92 + 112 + 142 + 170 + 172$
$688 := 7^2 + 8^3 + 10^2 + 17^0 + 26^1 = 72 + 83 + 102 + 170 + 261$	

2.2.590 Number 689

$689 := 1^6 + 11^1 + 26^2 + 30^0 = 16 + 111 + 262 + 300$	$689 := 1^6 + 10^1 + 14^0 + 17^0 + 26^2 = 16 + 101 + 140 + 170 + 262$
$689 := 2^2 + 3^5 + 21^2 + 42^0 = 22 + 35 + 212 + 420$	$689 := 1^6 + 10^1 + 15^0 + 16^0 + 26^2 = 16 + 101 + 150 + 160 + 262$
$689 := 2^4 + 5^4 + 14^0 + 47^1 = 24 + 54 + 140 + 471$	$689 := 1^6 + 4^0 + 10^1 + 26^2 + 27^0 = 16 + 40 + 101 + 262 + 270$
$689 := 2^5 + 16^2 + 20^2 + 30^0 = 25 + 162 + 202 + 300$	$689 := 1^6 + 5^0 + 10^1 + 26^0 + 26^2 = 16 + 50 + 101 + 260 + 262$
$689 := 3^3 + 5^4 + 6^2 + 54^0 = 33 + 54 + 62 + 540$	$689 := 1^6 + 6^0 + 10^1 + 25^0 + 26^2 = 16 + 60 + 101 + 250 + 262$
$689 := 3^5 + 11^2 + 18^2 + 36^0 = 35 + 112 + 182 + 360$	$689 := 1^6 + 7^0 + 10^1 + 24^0 + 26^2 = 16 + 70 + 101 + 240 + 262$
$689 := 1^3 + 7^3 + 18^2 + 20^1 + 22^0 = 13 + 73 + 182 + 201 + 220$	$689 := 1^6 + 8^0 + 10^1 + 23^0 + 26^2 = 16 + 80 + 101 + 230 + 262$
$689 := 1^3 + 7^3 + 7^3 + 26^0 + 27^0 = 13 + 73 + 73 + 260 + 270$	$689 := 1^6 + 9^0 + 10^1 + 22^0 + 26^2 = 16 + 90 + 101 + 220 + 262$
$689 := 1^4 + 10^0 + 15^2 + 21^1 + 21^2 = 14 + 100 + 152 + 211 + 212$	$689 := 2^2 + 3^4 + 12^0 + 24^2 + 27^1 = 22 + 34 + 120 + 242 + 271$
$689 := 1^4 + 10^2 + 11^1 + 22^0 + 24^2 = 14 + 102 + 111 + 220 + 242$	$689 := 2^3 + 10^2 + 16^2 + 18^2 + 22^0 = 23 + 102 + 162 + 182 + 220$
$689 := 1^4 + 12^2 + 14^1 + 18^0 + 23^2 = 14 + 122 + 141 + 180 + 232$	$689 := 2^3 + 5^3 + 12^0 + 23^2 + 26^1 = 23 + 53 + 120 + 232 + 261$
$689 := 1^4 + 6^2 + 10^0 + 25^2 + 26^1 = 14 + 62 + 100 + 252 + 261$	$689 := 2^3 + 6^3 + 16^0 + 21^2 + 23^1 = 23 + 63 + 160 + 212 + 231$
$689 := 1^4 + 7^1 + 14^2 + 22^2 + 24^0 = 14 + 71 + 142 + 222 + 240$	$689 := 2^3 + 8^3 + 12^2 + 22^0 + 24^1 = 23 + 83 + 122 + 220 + 241$
$689 := 1^4 + 7^2 + 13^1 + 22^0 + 25^2 = 14 + 72 + 131 + 220 + 252$	$689 := 2^4 + 10^0 + 11^2 + 22^1 + 23^2 = 24 + 100 + 112 + 221 + 232$
$689 := 1^6 + 10^0 + 10^1 + 21^0 + 26^2 = 16 + 100 + 101 + 210 + 262$	$689 := 2^4 + 12^0 + 13^2 + 19^1 + 22^2 = 24 + 120 + 132 + 191 + 222$
$689 := 1^6 + 10^1 + 11^0 + 20^0 + 26^2 = 16 + 101 + 110 + 200 + 262$	$689 := 2^4 + 14^0 + 16^1 + 16^2 + 20^2 = 24 + 140 + 161 + 162 + 202$
$689 := 1^6 + 10^1 + 12^0 + 19^0 + 26^2 = 16 + 101 + 120 + 190 + 262$	$689 := 2^4 + 5^2 + 14^0 + 22^1 + 25^2 = 24 + 52 + 140 + 221 + 252$
$689 := 1^6 + 10^1 + 13^0 + 18^0 + 26^2 = 16 + 101 + 130 + 180 + 262$	$689 := 2^4 + 6^0 + 18^2 + 18^2 + 24^1 = 24 + 60 + 182 + 182 + 241$

$$\begin{aligned}
 689 &:= 2^4 + 6^1 + 15^2 + 21^2 + 24^0 = 24 + 61 + 152 + 212 + 240 \\
 689 &:= 2^4 + 6^2 + 11^1 + 24^0 + 25^2 = 24 + 62 + 111 + 240 + 252 \\
 689 &:= 2^4 + 8^0 + 17^2 + 19^2 + 22^1 = 24 + 80 + 172 + 192 + 221 \\
 689 &:= 2^4 + 9^2 + 15^1 + 18^0 + 24^2 = 24 + 92 + 151 + 180 + 242 \\
 689 &:= 2^5 + 10^0 + 10^1 + 21^1 + 25^2 = 25 + 100 + 101 + 211 + 252 \\
 689 &:= 2^5 + 10^0 + 11^1 + 20^1 + 25^2 = 25 + 100 + 111 + 201 + 252 \\
 689 &:= 2^5 + 10^0 + 12^1 + 19^1 + 25^2 = 25 + 100 + 121 + 191 + 252 \\
 689 &:= 2^5 + 10^0 + 13^1 + 18^1 + 25^2 = 25 + 100 + 131 + 181 + 252 \\
 689 &:= 2^5 + 10^0 + 14^1 + 17^1 + 25^2 = 25 + 100 + 141 + 171 + 252 \\
 689 &:= 2^5 + 10^0 + 15^1 + 16^1 + 25^2 = 25 + 100 + 151 + 161 + 252 \\
 689 &:= 2^5 + 4^1 + 10^0 + 25^2 + 27^1 = 25 + 41 + 100 + 252 + 271 \\
 689 &:= 2^5 + 5^1 + 10^0 + 25^2 + 26^1 = 25 + 51 + 100 + 252 + 261 \\
 689 &:= 2^5 + 6^1 + 10^0 + 25^1 + 25^2 = 25 + 61 + 100 + 251 + 252 \\
 689 &:= 2^5 + 7^1 + 10^0 + 24^1 + 25^2 = 25 + 71 + 100 + 241 + 252 \\
 689 &:= 2^5 + 8^1 + 10^0 + 23^1 + 25^2 = 25 + 81 + 100 + 231 + 252 \\
 689 &:= 2^5 + 9^1 + 10^0 + 22^1 + 25^2 = 25 + 91 + 100 + 221 + 252 \\
 689 &:= 3^2 + 3^4 + 16^0 + 22^1 + 24^2 = 32 + 34 + 160 + 221 + 242 \\
 689 &:= 3^2 + 4^4 + 18^0 + 20^2 + 23^1 = 32 + 44 + 180 + 202 + 231 \\
 689 &:= 3^3 + 4^3 + 16^0 + 21^1 + 24^2 = 33 + 43 + 160 + 211 + 242 \\
 689 &:= 3^3 + 5^4 + 10^1 + 24^0 + 26^1 = 33 + 54 + 101 + 240 + 261 \\
 689 &:= 3^3 + 5^4 + 11^1 + 24^0 + 25^1 = 33 + 54 + 111 + 240 + 251 \\
 689 &:= 3^3 + 5^4 + 12^1 + 24^0 + 24^1 = 33 + 54 + 121 + 240 + 241 \\
 689 &:= 3^3 + 5^4 + 13^1 + 23^1 + 24^0 = 33 + 54 + 131 + 231 + 240 \\
 689 &:= 3^3 + 5^4 + 14^1 + 22^1 + 24^0 = 33 + 54 + 141 + 221 + 240 \\
 689 &:= 3^3 + 5^4 + 15^1 + 21^1 + 24^0 = 33 + 54 + 151 + 211 + 240 \\
 689 &:= 3^3 + 5^4 + 16^1 + 20^1 + 24^0 = 33 + 54 + 161 + 201 + 240
 \end{aligned}$$

$$\begin{aligned}
 689 &:= 3^3 + 5^4 + 17^1 + 19^1 + 24^0 = 33 + 54 + 171 + 191 + 240 \\
 689 &:= 3^3 + 5^4 + 18^1 + 18^1 + 24^0 = 33 + 54 + 181 + 181 + 240 \\
 689 &:= 3^3 + 5^4 + 9^1 + 24^0 + 27^1 = 33 + 54 + 91 + 240 + 271 \\
 689 &:= 3^3 + 6^2 + 15^2 + 20^2 + 24^0 = 33 + 62 + 152 + 202 + 240 \\
 689 &:= 3^3 + 9^2 + 16^2 + 18^2 + 22^0 = 33 + 92 + 162 + 182 + 220 \\
 689 &:= 3^4 + 10^0 + 10^2 + 22^2 + 23^1 = 34 + 100 + 102 + 222 + 231 \\
 689 &:= 3^4 + 10^0 + 12^2 + 21^2 + 22^1 = 34 + 100 + 122 + 212 + 221 \\
 689 &:= 3^4 + 10^0 + 15^2 + 19^2 + 21^1 = 34 + 100 + 152 + 192 + 211 \\
 689 &:= 3^4 + 11^1 + 14^2 + 20^0 + 20^2 = 34 + 111 + 142 + 200 + 202 \\
 689 &:= 3^4 + 4^0 + 16^2 + 18^2 + 27^1 = 34 + 40 + 162 + 182 + 271 \\
 689 &:= 3^4 + 4^2 + 15^1 + 22^0 + 24^2 = 34 + 42 + 151 + 220 + 242 \\
 689 &:= 3^4 + 8^2 + 14^1 + 20^0 + 23^2 = 34 + 82 + 141 + 200 + 232 \\
 689 &:= 4^2 + 4^4 + 16^1 + 20^2 + 24^0 = 42 + 44 + 161 + 202 + 240 \\
 689 &:= 4^3 + 5^3 + 15^1 + 22^0 + 22^2 = 43 + 53 + 151 + 220 + 222 \\
 689 &:= 4^3 + 7^3 + 16^0 + 16^2 + 25^1 = 43 + 73 + 160 + 162 + 251 \\
 689 &:= 4^4 + 11^1 + 14^2 + 15^2 + 24^0 = 44 + 111 + 142 + 152 + 240 \\
 689 &:= 4^4 + 11^2 + 14^0 + 17^2 + 22^1 = 44 + 112 + 140 + 172 + 221 \\
 689 &:= 4^4 + 7^2 + 16^0 + 19^2 + 22^1 = 44 + 72 + 160 + 192 + 221 \\
 689 &:= 4^4 + 9^2 + 10^0 + 18^2 + 27^1 = 44 + 92 + 100 + 182 + 271 \\
 689 &:= 5^2 + 5^3 + 8^3 + 24^0 + 26^1 = 52 + 53 + 83 + 240 + 261 \\
 689 &:= 5^3 + 13^2 + 13^2 + 15^2 + 22^0 = 53 + 132 + 132 + 152 + 220 \\
 689 &:= 5^3 + 6^3 + 16^0 + 18^2 + 23^1 = 53 + 63 + 160 + 182 + 231 \\
 689 &:= 5^3 + 7^2 + 15^2 + 17^2 + 24^0 = 53 + 72 + 152 + 172 + 240 \\
 689 &:= 5^3 + 7^3 + 14^2 + 18^0 + 24^1 = 53 + 73 + 142 + 180 + 241 \\
 689 &:= 5^3 + 9^2 + 11^2 + 19^2 + 24^0 = 53 + 92 + 112 + 192 + 240
 \end{aligned}$$

2.2.591 Number 690

$$\begin{aligned}
 690 &:= 2^6 + 5^4 + 61^0 = 26 + 54 + 610 \\
 690 &:= 1^3 + 2^2 + 5^4 + 60^1 = 13 + 22 + 54 + 601 \\
 690 &:= 1^7 + 12^1 + 26^2 + 29^0 = 17 + 121 + 262 + 290 \\
 690 &:= 2^2 + 3^5 + 20^2 + 43^1 = 22 + 35 + 202 + 431 \\
 690 &:= 2^4 + 7^3 + 17^2 + 42^1 = 24 + 73 + 172 + 421 \\
 690 &:= 2^5 + 5^4 + 29^0 + 32^1 = 25 + 54 + 290 + 321 \\
 690 &:= 2^5 + 6^3 + 21^2 + 39^0 = 25 + 63 + 212 + 390 \\
 690 &:= 2^6 + 15^2 + 20^2 + 31^0 = 26 + 152 + 202 + 310 \\
 690 &:= 2^6 + 5^4 + 61^0 = 26 + 54 + 610
 \end{aligned}$$

$$\begin{aligned}
 690 &:= 2^6 + 7^2 + 24^2 + 35^0 = 26 + 72 + 242 + 350 \\
 690 &:= 2^7 + 11^0 + 23^2 + 32^1 = 27 + 110 + 232 + 321 \\
 690 &:= 3^5 + 11^2 + 17^2 + 37^1 = 35 + 112 + 172 + 371 \\
 690 &:= 1^3 + 11^2 + 12^2 + 20^2 + 24^1 = 13 + 112 + 122 + 202 + 241 \\
 690 &:= 1^3 + 11^2 + 16^2 + 17^2 + 23^1 = 13 + 112 + 162 + 172 + 231 \\
 690 &:= 1^3 + 5^2 + 14^2 + 21^2 + 27^1 = 13 + 52 + 142 + 212 + 271 \\
 690 &:= 1^4 + 12^2 + 12^2 + 20^2 + 23^0 = 14 + 122 + 122 + 202 + 230 \\
 690 &:= 1^4 + 7^3 + 18^2 + 21^0 + 21^1 = 14 + 73 + 182 + 210 + 211 \\
 690 &:= 1^5 + 10^2 + 12^1 + 21^0 + 24^2 = 15 + 102 + 121 + 210 + 242
 \end{aligned}$$

$$\begin{aligned} 690 &:= 1^5 + 12^2 + 15^1 + 17^0 + 23^2 = 15 + 122 + 151 + 170 + 232 \\ 690 &:= 1^5 + 3^1 + 18^2 + 19^2 + 27^0 = 15 + 31 + 182 + 192 + 270 \\ 690 &:= 1^5 + 6^2 + 9^0 + 25^2 + 27^1 = 15 + 62 + 90 + 252 + 271 \\ 690 &:= 1^5 + 7^2 + 14^1 + 21^0 + 25^2 = 15 + 72 + 141 + 210 + 252 \\ 690 &:= 1^5 + 8^1 + 14^2 + 22^2 + 23^0 = 15 + 81 + 142 + 222 + 230 \\ 690 &:= 1^5 + 9^0 + 15^2 + 21^2 + 22^1 = 15 + 90 + 152 + 212 + 221 \\ 690 &:= 1^7 + 10^0 + 11^1 + 20^0 + 26^2 = 17 + 100 + 111 + 200 + 262 \\ 690 &:= 1^7 + 11^0 + 11^1 + 19^0 + 26^2 = 17 + 110 + 111 + 190 + 262 \\ 690 &:= 1^7 + 11^1 + 12^0 + 18^0 + 26^2 = 17 + 111 + 120 + 180 + 262 \\ 690 &:= 1^7 + 11^1 + 13^0 + 17^0 + 26^2 = 17 + 111 + 130 + 170 + 262 \\ 690 &:= 1^7 + 11^1 + 14^0 + 16^0 + 26^2 = 17 + 111 + 140 + 160 + 262 \\ 690 &:= 1^7 + 11^1 + 15^0 + 15^0 + 26^2 = 17 + 111 + 150 + 150 + 262 \\ 690 &:= 1^7 + 3^0 + 11^1 + 26^2 + 27^0 = 17 + 30 + 111 + 262 + 270 \\ 690 &:= 1^7 + 4^0 + 11^1 + 26^0 + 26^2 = 17 + 40 + 111 + 260 + 262 \\ 690 &:= 1^7 + 5^0 + 11^1 + 25^0 + 26^2 = 17 + 50 + 111 + 250 + 262 \\ 690 &:= 1^7 + 6^0 + 11^1 + 24^0 + 26^2 = 17 + 60 + 111 + 240 + 262 \\ 690 &:= 1^7 + 7^0 + 11^1 + 23^0 + 26^2 = 17 + 70 + 111 + 230 + 262 \\ 690 &:= 1^7 + 8^0 + 11^1 + 22^0 + 26^2 = 17 + 80 + 111 + 220 + 262 \\ 690 &:= 1^7 + 9^0 + 11^1 + 21^0 + 26^2 = 17 + 90 + 111 + 210 + 262 \\ 690 &:= 2^3 + 3^4 + 15^0 + 24^1 + 24^2 = 23 + 34 + 150 + 241 + 242 \\ 690 &:= 2^3 + 4^3 + 16^2 + 19^2 + 27^0 = 23 + 43 + 162 + 192 + 270 \\ 690 &:= 2^3 + 4^4 + 17^0 + 20^2 + 25^1 = 23 + 44 + 170 + 202 + 251 \\ 690 &:= 2^3 + 9^2 + 17^2 + 17^2 + 23^1 = 23 + 92 + 172 + 172 + 231 \\ 690 &:= 2^4 + 3^3 + 17^0 + 21^1 + 25^2 = 24 + 33 + 170 + 211 + 252 \\ 690 &:= 2^4 + 5^2 + 18^2 + 18^2 + 25^0 = 24 + 52 + 182 + 182 + 250 \\ 690 &:= 2^4 + 5^3 + 19^0 + 19^1 + 23^2 = 24 + 53 + 190 + 191 + 232 \\ 690 &:= 2^4 + 5^4 + 13^0 + 21^1 + 27^1 = 24 + 54 + 130 + 211 + 271 \\ 690 &:= 2^4 + 5^4 + 13^0 + 22^1 + 26^1 = 24 + 54 + 130 + 221 + 261 \\ 690 &:= 2^4 + 5^4 + 13^0 + 23^1 + 25^1 = 24 + 54 + 130 + 231 + 251 \\ 690 &:= 2^4 + 5^4 + 13^0 + 24^1 + 24^1 = 24 + 54 + 130 + 241 + 241 \\ 690 &:= 2^4 + 6^2 + 14^2 + 21^2 + 25^0 = 24 + 62 + 142 + 212 + 250 \\ 690 &:= 2^4 + 6^3 + 16^1 + 21^2 + 23^0 = 24 + 63 + 161 + 212 + 230 \\ 690 &:= 2^4 + 7^1 + 8^2 + 24^2 + 27^1 = 24 + 71 + 82 + 242 + 271 \\ 690 &:= 2^4 + 8^1 + 8^2 + 24^2 + 26^1 = 24 + 81 + 82 + 242 + 261 \\ 690 &:= 2^4 + 8^2 + 10^1 + 24^1 + 24^2 = 24 + 82 + 101 + 241 + 242 \\ 690 &:= 2^4 + 8^2 + 11^1 + 23^1 + 24^2 = 24 + 82 + 111 + 231 + 242 \\ 690 &:= 2^4 + 8^2 + 12^1 + 22^1 + 24^2 = 24 + 82 + 121 + 221 + 242 \\ 690 &:= 2^4 + 8^2 + 13^1 + 21^1 + 24^2 = 24 + 82 + 131 + 211 + 242 \end{aligned}$$

$$\begin{aligned} 690 &:= 2^4 + 8^2 + 14^1 + 20^1 + 24^2 = 24 + 82 + 141 + 201 + 242 \\ 690 &:= 2^4 + 8^2 + 15^1 + 19^1 + 24^2 = 24 + 82 + 151 + 191 + 242 \\ 690 &:= 2^4 + 8^2 + 16^1 + 18^1 + 24^2 = 24 + 82 + 161 + 181 + 242 \\ 690 &:= 2^4 + 8^2 + 17^1 + 17^1 + 24^2 = 24 + 82 + 171 + 171 + 242 \\ 690 &:= 2^4 + 8^2 + 9^1 + 24^2 + 25^1 = 24 + 82 + 91 + 242 + 251 \\ 690 &:= 2^5 + 11^0 + 14^2 + 20^1 + 21^2 = 25 + 110 + 142 + 201 + 212 \\ 690 &:= 2^5 + 3^2 + 15^0 + 23^1 + 25^2 = 25 + 32 + 150 + 231 + 252 \\ 690 &:= 2^5 + 4^1 + 13^2 + 22^2 + 27^0 = 25 + 41 + 132 + 222 + 270 \\ 690 &:= 2^5 + 4^2 + 16^1 + 21^0 + 25^2 = 25 + 42 + 161 + 210 + 252 \\ 690 &:= 2^5 + 7^1 + 11^2 + 23^2 + 25^0 = 25 + 71 + 112 + 232 + 250 \\ 690 &:= 2^5 + 7^1 + 17^2 + 19^2 + 23^0 = 25 + 71 + 172 + 192 + 230 \\ 690 &:= 2^5 + 8^2 + 17^0 + 17^1 + 24^2 = 25 + 82 + 170 + 171 + 242 \\ 690 &:= 2^5 + 8^3 + 12^2 + 19^0 + 27^0 = 25 + 83 + 122 + 190 + 270 \\ 690 &:= 2^5 + 8^3 + 12^2 + 20^0 + 26^0 = 25 + 83 + 122 + 200 + 260 \\ 690 &:= 2^5 + 8^3 + 12^2 + 21^0 + 25^0 = 25 + 83 + 122 + 210 + 250 \\ 690 &:= 2^5 + 8^3 + 12^2 + 22^0 + 24^0 = 25 + 83 + 122 + 220 + 240 \\ 690 &:= 2^5 + 8^3 + 12^2 + 23^0 + 23^0 = 25 + 83 + 122 + 230 + 230 \\ 690 &:= 2^5 + 9^1 + 18^2 + 18^2 + 21^0 = 25 + 91 + 182 + 182 + 210 \\ 690 &:= 3^3 + 11^2 + 14^2 + 18^2 + 22^1 = 33 + 112 + 142 + 182 + 221 \\ 690 &:= 3^3 + 5^2 + 17^2 + 18^2 + 25^1 = 33 + 52 + 172 + 182 + 251 \\ 690 &:= 3^3 + 5^3 + 8^3 + 25^1 + 27^0 = 33 + 53 + 83 + 251 + 270 \\ 690 &:= 3^4 + 10^1 + 17^2 + 17^2 + 21^1 = 34 + 101 + 172 + 172 + 211 \\ 690 &:= 3^4 + 11^1 + 17^2 + 17^2 + 20^1 = 34 + 111 + 172 + 172 + 201 \\ 690 &:= 3^4 + 12^1 + 17^2 + 17^2 + 19^1 = 34 + 121 + 172 + 172 + 191 \\ 690 &:= 3^4 + 13^1 + 17^2 + 17^2 + 18^1 = 34 + 131 + 172 + 172 + 181 \\ 690 &:= 3^4 + 14^1 + 17^1 + 17^2 + 17^2 = 34 + 141 + 171 + 172 + 172 \\ 690 &:= 3^4 + 15^1 + 16^1 + 17^2 + 17^2 = 34 + 151 + 161 + 172 + 172 \\ 690 &:= 3^4 + 4^1 + 17^2 + 17^2 + 27^1 = 34 + 41 + 172 + 172 + 271 \\ 690 &:= 3^4 + 4^3 + 15^1 + 23^0 + 23^2 = 34 + 43 + 151 + 230 + 232 \\ 690 &:= 3^4 + 5^1 + 17^2 + 17^2 + 26^1 = 34 + 51 + 172 + 172 + 261 \\ 690 &:= 3^4 + 6^1 + 17^2 + 17^2 + 25^1 = 34 + 61 + 172 + 172 + 251 \\ 690 &:= 3^4 + 7^1 + 17^2 + 17^2 + 24^1 = 34 + 71 + 172 + 172 + 241 \\ 690 &:= 3^4 + 8^1 + 17^2 + 17^2 + 23^1 = 34 + 81 + 172 + 172 + 231 \\ 690 &:= 3^4 + 8^2 + 12^2 + 20^2 + 25^0 = 34 + 82 + 122 + 202 + 250 \\ 690 &:= 3^4 + 9^1 + 17^2 + 17^2 + 22^1 = 34 + 91 + 172 + 172 + 221 \\ 690 &:= 3^5 + 10^2 + 15^0 + 18^2 + 22^1 = 35 + 102 + 150 + 182 + 221 \\ 690 &:= 3^5 + 11^0 + 14^2 + 15^2 + 25^1 = 35 + 110 + 142 + 152 + 251 \\ 690 &:= 3^5 + 12^2 + 13^1 + 17^2 + 23^0 = 35 + 122 + 131 + 172 + 230 \end{aligned}$$

$$\begin{aligned}
 690 &:= 3^5 + 13^2 + 15^0 + 16^2 + 21^1 = 35 + 132 + 150 + 162 + 211 \\
 690 &:= 3^5 + 5^2 + 19^0 + 20^2 + 21^1 = 35 + 52 + 190 + 202 + 211 \\
 690 &:= 3^5 + 8^2 + 17^0 + 19^2 + 21^1 = 35 + 82 + 170 + 192 + 211 \\
 690 &:= 4^3 + 11^2 + 11^2 + 19^2 + 23^1 = 43 + 112 + 112 + 192 + 231 \\
 690 &:= 4^3 + 9^2 + 11^2 + 20^2 + 24^1 = 43 + 92 + 112 + 202 + 241 \\
 690 &:= 4^4 + 5^3 + 17^2 + 19^1 + 23^0 = 44 + 53 + 172 + 191 + 230 \\
 690 &:= 4^4 + 6^3 + 14^2 + 21^1 + 23^0 = 44 + 63 + 142 + 211 + 230
 \end{aligned}$$

$$\begin{aligned}
 690 &:= 4^4 + 6^3 + 6^3 + 25^0 + 27^0 = 44 + 63 + 63 + 250 + 270 \\
 690 &:= 4^4 + 6^3 + 6^3 + 26^0 + 26^0 = 44 + 63 + 63 + 260 + 260 \\
 690 &:= 4^4 + 7^3 + 8^2 + 23^0 + 26^1 = 44 + 73 + 82 + 230 + 261 \\
 690 &:= 5^2 + 5^3 + 15^2 + 17^2 + 26^1 = 52 + 53 + 152 + 172 + 261 \\
 690 &:= 5^3 + 11^2 + 14^2 + 15^2 + 23^1 = 53 + 112 + 142 + 152 + 231
 \end{aligned}$$

2.2.592 Number 691

$$\begin{aligned}
 691 &:= 1^1 + 2^6 + 5^4 + 60^0 = 11 + 26 + 54 + 600 \\
 691 &:= 1^3 + 2^6 + 25^2 + 40^0 = 13 + 26 + 252 + 400 \\
 691 &:= 1^4 + 4^3 + 5^4 + 58^0 = 14 + 43 + 54 + 580 \\
 691 &:= 1^5 + 5^4 + 8^2 + 54^0 = 15 + 54 + 82 + 540 \\
 691 &:= 1^6 + 4^3 + 25^2 + 38^0 = 16 + 43 + 252 + 380 \\
 691 &:= 1^7 + 17^2 + 20^2 + 30^0 = 17 + 172 + 202 + 300 \\
 691 &:= 1^7 + 8^2 + 25^2 + 34^0 = 17 + 82 + 252 + 340 \\
 691 &:= 1^8 + 13^1 + 26^2 + 28^0 = 18 + 131 + 262 + 280 \\
 691 &:= 2^7 + 11^2 + 21^2 + 34^0 = 27 + 112 + 212 + 340 \\
 691 &:= 2^7 + 8^0 + 8^3 + 50^1 = 27 + 80 + 83 + 501 \\
 691 &:= 2^8 + 12^0 + 20^2 + 34^1 = 28 + 120 + 202 + 341 \\
 691 &:= 1^5 + 12^2 + 16^2 + 17^2 + 22^0 = 15 + 122 + 162 + 172 + 220 \\
 691 &:= 1^5 + 13^2 + 14^2 + 18^2 + 22^0 = 15 + 132 + 142 + 182 + 220 \\
 691 &:= 1^5 + 6^2 + 13^2 + 22^2 + 26^0 = 15 + 62 + 132 + 222 + 260 \\
 691 &:= 1^5 + 7^3 + 18^2 + 20^0 + 22^1 = 15 + 73 + 182 + 200 + 221 \\
 691 &:= 1^5 + 8^2 + 15^2 + 20^2 + 24^0 = 15 + 82 + 152 + 202 + 240 \\
 691 &:= 1^6 + 10^2 + 13^1 + 20^0 + 24^2 = 16 + 102 + 131 + 200 + 242 \\
 691 &:= 1^6 + 12^2 + 16^0 + 16^1 + 23^2 = 16 + 122 + 160 + 161 + 232 \\
 691 &:= 1^6 + 4^1 + 18^2 + 19^2 + 26^0 = 16 + 41 + 182 + 192 + 260 \\
 691 &:= 1^6 + 7^2 + 15^1 + 20^0 + 25^2 = 16 + 72 + 151 + 200 + 252 \\
 691 &:= 1^6 + 8^0 + 15^2 + 21^2 + 23^1 = 16 + 80 + 152 + 212 + 231 \\
 691 &:= 1^6 + 9^1 + 14^2 + 22^0 + 22^2 = 16 + 91 + 142 + 220 + 222 \\
 691 &:= 1^8 + 10^0 + 12^1 + 19^0 + 26^2 = 18 + 100 + 121 + 190 + 262 \\
 691 &:= 1^8 + 11^0 + 12^1 + 18^0 + 26^2 = 18 + 110 + 121 + 180 + 262 \\
 691 &:= 1^8 + 12^0 + 12^1 + 17^0 + 26^2 = 18 + 120 + 121 + 170 + 262 \\
 691 &:= 1^8 + 12^1 + 13^0 + 16^0 + 26^2 = 18 + 121 + 130 + 160 + 262 \\
 691 &:= 1^8 + 12^1 + 14^0 + 15^0 + 26^2 = 18 + 121 + 140 + 150 + 262 \\
 691 &:= 1^8 + 2^0 + 12^1 + 26^2 + 27^0 = 18 + 20 + 121 + 262 + 270 \\
 691 &:= 1^8 + 3^0 + 12^1 + 26^0 + 26^2 = 18 + 30 + 121 + 260 + 262
 \end{aligned}$$

$$\begin{aligned}
 691 &:= 1^8 + 4^0 + 12^1 + 25^0 + 26^2 = 18 + 40 + 121 + 250 + 262 \\
 691 &:= 1^8 + 5^0 + 12^1 + 24^0 + 26^2 = 18 + 50 + 121 + 240 + 262 \\
 691 &:= 1^8 + 6^0 + 12^1 + 23^0 + 26^2 = 18 + 60 + 121 + 230 + 262 \\
 691 &:= 1^8 + 7^0 + 12^1 + 22^0 + 26^2 = 18 + 70 + 121 + 220 + 262 \\
 691 &:= 1^8 + 8^0 + 12^1 + 21^0 + 26^2 = 18 + 80 + 121 + 210 + 262 \\
 691 &:= 1^8 + 9^0 + 12^1 + 20^0 + 26^2 = 18 + 90 + 121 + 200 + 262 \\
 691 &:= 1^9 + 1^9 + 12^1 + 26^2 + 27^0 = 19 + 19 + 121 + 262 + 270 \\
 691 &:= 2^3 + 2^5 + 14^0 + 25^1 + 25^2 = 23 + 25 + 140 + 251 + 252 \\
 691 &:= 2^4 + 3^4 + 17^1 + 22^0 + 24^2 = 24 + 34 + 171 + 220 + 242 \\
 691 &:= 2^4 + 4^4 + 18^1 + 20^2 + 24^0 = 24 + 44 + 181 + 202 + 240 \\
 691 &:= 2^5 + 12^2 + 15^2 + 17^2 + 22^0 = 25 + 122 + 152 + 172 + 220 \\
 691 &:= 2^5 + 3^4 + 12^0 + 24^2 + 27^0 = 25 + 34 + 120 + 242 + 270 \\
 691 &:= 2^5 + 3^4 + 13^0 + 24^2 + 26^0 = 25 + 34 + 130 + 242 + 260 \\
 691 &:= 2^5 + 3^4 + 14^0 + 24^2 + 25^0 = 25 + 34 + 140 + 242 + 250 \\
 691 &:= 2^5 + 3^4 + 15^0 + 24^0 + 24^2 = 25 + 34 + 150 + 240 + 242 \\
 691 &:= 2^5 + 3^4 + 16^0 + 23^0 + 24^2 = 25 + 34 + 160 + 230 + 242 \\
 691 &:= 2^5 + 3^4 + 17^0 + 22^0 + 24^2 = 25 + 34 + 170 + 220 + 242 \\
 691 &:= 2^5 + 3^4 + 18^0 + 21^0 + 24^2 = 25 + 34 + 180 + 210 + 242 \\
 691 &:= 2^5 + 3^4 + 19^0 + 20^0 + 24^2 = 25 + 34 + 190 + 200 + 242 \\
 691 &:= 2^5 + 4^3 + 18^1 + 20^0 + 24^2 = 25 + 43 + 181 + 200 + 242 \\
 691 &:= 2^5 + 7^3 + 16^0 + 17^2 + 26^1 = 25 + 73 + 160 + 172 + 261 \\
 691 &:= 2^5 + 8^3 + 11^2 + 22^0 + 25^1 = 25 + 83 + 112 + 220 + 251 \\
 691 &:= 2^6 + 11^2 + 12^0 + 21^1 + 22^2 = 26 + 112 + 120 + 211 + 222 \\
 691 &:= 2^6 + 13^1 + 17^2 + 18^0 + 18^2 = 26 + 131 + 172 + 180 + 182 \\
 691 &:= 2^6 + 13^2 + 16^0 + 16^1 + 21^2 = 26 + 132 + 160 + 161 + 212 \\
 691 &:= 2^6 + 5^2 + 12^0 + 24^2 + 25^1 = 26 + 52 + 120 + 242 + 251 \\
 691 &:= 2^6 + 6^2 + 14^1 + 22^0 + 24^2 = 26 + 62 + 141 + 220 + 242 \\
 691 &:= 2^6 + 9^1 + 16^2 + 19^2 + 22^0 = 26 + 91 + 162 + 192 + 220 \\
 691 &:= 2^6 + 9^2 + 16^1 + 18^0 + 23^2 = 26 + 92 + 161 + 180 + 232
 \end{aligned}$$

$$\begin{aligned}
 691 &:= 2^7 + 10^0 + 10^1 + 23^1 + 23^2 = 27 + 100 + 101 + 231 + 232 \\
 691 &:= 2^7 + 10^0 + 11^1 + 22^1 + 23^2 = 27 + 100 + 111 + 221 + 232 \\
 691 &:= 2^7 + 10^0 + 12^1 + 21^1 + 23^2 = 27 + 100 + 121 + 211 + 232 \\
 691 &:= 2^7 + 10^0 + 13^1 + 20^1 + 23^2 = 27 + 100 + 131 + 201 + 232 \\
 691 &:= 2^7 + 10^0 + 14^1 + 19^1 + 23^2 = 27 + 100 + 141 + 191 + 232 \\
 691 &:= 2^7 + 10^0 + 15^1 + 18^1 + 23^2 = 27 + 100 + 151 + 181 + 232 \\
 691 &:= 2^7 + 10^0 + 16^1 + 17^1 + 23^2 = 27 + 100 + 161 + 171 + 232 \\
 691 &:= 2^7 + 6^1 + 10^0 + 23^2 + 27^1 = 27 + 61 + 100 + 232 + 271
 \end{aligned}$$

$$\begin{aligned}
 691 &:= 2^7 + 7^1 + 10^0 + 23^2 + 26^1 = 27 + 71 + 100 + 232 + 261 \\
 691 &:= 2^7 + 8^1 + 10^0 + 23^2 + 25^1 = 27 + 81 + 100 + 232 + 251 \\
 691 &:= 2^7 + 9^1 + 10^0 + 23^2 + 24^1 = 27 + 91 + 100 + 232 + 241 \\
 691 &:= 3^3 + 3^5 + 20^1 + 20^2 + 22^0 = 33 + 35 + 201 + 202 + 220 \\
 691 &:= 3^5 + 4^3 + 19^2 + 20^0 + 22^1 = 35 + 43 + 192 + 200 + 221 \\
 691 &:= 3^5 + 7^3 + 9^2 + 23^1 + 26^0 = 35 + 73 + 92 + 231 + 260 \\
 691 &:= 4^3 + 4^4 + 7^3 + 26^0 + 27^1 = 43 + 44 + 73 + 260 + 271
 \end{aligned}$$

2.2.593 Number 692

$$\begin{aligned}
 692 &:= 1^5 + 5^3 + 8^3 + 54^1 = 15 + 53 + 83 + 541 \\
 692 &:= 1^6 + 3^3 + 25^2 + 39^1 = 16 + 33 + 252 + 391 \\
 692 &:= 1^7 + 9^2 + 24^2 + 34^1 = 17 + 92 + 242 + 341 \\
 692 &:= 1^9 + 14^1 + 26^2 + 27^0 = 19 + 141 + 262 + 270 \\
 692 &:= 2^5 + 4^4 + 19^2 + 43^1 = 25 + 44 + 192 + 431 \\
 692 &:= 2^7 + 13^2 + 19^2 + 34^1 = 27 + 132 + 192 + 341 \\
 692 &:= 2^9 + 10^1 + 13^2 + 43^0 = 29 + 101 + 132 + 430 \\
 692 &:= 2^9 + 12^2 + 19^0 + 35^1 = 29 + 122 + 190 + 351 \\
 692 &:= 3^4 + 3^5 + 18^2 + 44^1 = 34 + 35 + 182 + 441 \\
 692 &:= 3^5 + 4^4 + 12^2 + 49^1 = 35 + 44 + 122 + 491 \\
 692 &:= 4^4 + 4^4 + 5^3 + 55^1 = 44 + 44 + 53 + 551 \\
 692 &:= 1^0 + 1^9 + 13^1 + 26^2 + 27^0 = 10 + 19 + 131 + 262 + 270 \\
 692 &:= 1^1 + 1^8 + 13^1 + 26^2 + 27^0 = 11 + 18 + 131 + 262 + 270 \\
 692 &:= 1^2 + 1^7 + 13^1 + 26^2 + 27^0 = 12 + 17 + 131 + 262 + 270 \\
 692 &:= 1^3 + 1^6 + 13^1 + 26^2 + 27^0 = 13 + 16 + 131 + 262 + 270 \\
 692 &:= 1^4 + 1^5 + 13^1 + 26^2 + 27^0 = 14 + 15 + 131 + 262 + 270 \\
 692 &:= 1^4 + 2^6 + 13^0 + 25^2 + 27^0 = 14 + 26 + 130 + 252 + 270 \\
 692 &:= 1^4 + 2^6 + 14^0 + 25^2 + 26^0 = 14 + 26 + 140 + 252 + 260 \\
 692 &:= 1^4 + 2^6 + 15^0 + 25^0 + 25^2 = 14 + 26 + 150 + 250 + 252 \\
 692 &:= 1^4 + 2^6 + 16^0 + 24^0 + 25^2 = 14 + 26 + 160 + 240 + 252 \\
 692 &:= 1^4 + 2^6 + 17^0 + 23^0 + 25^2 = 14 + 26 + 170 + 230 + 252 \\
 692 &:= 1^4 + 2^6 + 18^0 + 22^0 + 25^2 = 14 + 26 + 180 + 220 + 252 \\
 692 &:= 1^4 + 2^6 + 19^0 + 21^0 + 25^2 = 14 + 26 + 190 + 210 + 252 \\
 692 &:= 1^4 + 2^6 + 20^0 + 20^0 + 25^2 = 14 + 26 + 200 + 200 + 252 \\
 692 &:= 1^4 + 5^3 + 8^3 + 27^1 + 27^1 = 14 + 53 + 83 + 271 + 271 \\
 692 &:= 1^5 + 3^3 + 12^1 + 25^2 + 27^1 = 15 + 33 + 121 + 252 + 271 \\
 692 &:= 1^5 + 3^3 + 13^1 + 25^2 + 26^1 = 15 + 33 + 131 + 252 + 261
 \end{aligned}$$

$$\begin{aligned}
 692 &:= 1^5 + 3^3 + 14^1 + 25^1 + 25^2 = 15 + 33 + 141 + 251 + 252 \\
 692 &:= 1^5 + 3^3 + 15^1 + 24^1 + 25^2 = 15 + 33 + 151 + 241 + 252 \\
 692 &:= 1^5 + 3^3 + 16^1 + 23^1 + 25^2 = 15 + 33 + 161 + 231 + 252 \\
 692 &:= 1^5 + 3^3 + 17^1 + 22^1 + 25^2 = 15 + 33 + 171 + 221 + 252 \\
 692 &:= 1^5 + 3^3 + 18^1 + 21^1 + 25^2 = 15 + 33 + 181 + 211 + 252 \\
 692 &:= 1^5 + 3^3 + 19^1 + 20^1 + 25^2 = 15 + 33 + 191 + 201 + 252 \\
 692 &:= 1^5 + 4^2 + 18^2 + 18^2 + 27^1 = 15 + 42 + 182 + 182 + 271 \\
 692 &:= 1^5 + 6^2 + 12^2 + 22^2 + 27^1 = 15 + 62 + 122 + 222 + 271 \\
 692 &:= 1^5 + 7^2 + 16^2 + 19^2 + 25^1 = 15 + 72 + 162 + 192 + 251 \\
 692 &:= 1^5 + 9^2 + 10^2 + 22^2 + 26^1 = 15 + 92 + 102 + 222 + 261 \\
 692 &:= 1^5 + 9^2 + 12^2 + 21^2 + 25^1 = 15 + 92 + 122 + 212 + 251 \\
 692 &:= 1^5 + 9^2 + 15^2 + 19^2 + 24^1 = 15 + 92 + 152 + 192 + 241 \\
 692 &:= 1^6 + 11^2 + 13^2 + 20^2 + 23^0 = 16 + 112 + 132 + 202 + 230 \\
 692 &:= 1^6 + 5^4 + 8^2 + 27^0 + 27^0 = 16 + 54 + 82 + 270 + 270 \\
 692 &:= 1^6 + 7^1 + 9^2 + 24^2 + 27^1 = 16 + 71 + 92 + 242 + 271 \\
 692 &:= 1^6 + 7^3 + 18^2 + 19^0 + 23^1 = 16 + 73 + 182 + 190 + 231 \\
 692 &:= 1^6 + 8^1 + 9^2 + 24^2 + 26^1 = 16 + 81 + 92 + 242 + 261 \\
 692 &:= 1^6 + 9^1 + 9^2 + 24^2 + 25^1 = 16 + 91 + 92 + 242 + 251 \\
 692 &:= 1^6 + 9^2 + 10^1 + 24^1 + 24^2 = 16 + 92 + 101 + 241 + 242 \\
 692 &:= 1^6 + 9^2 + 11^1 + 23^1 + 24^2 = 16 + 92 + 111 + 231 + 242 \\
 692 &:= 1^6 + 9^2 + 12^1 + 22^1 + 24^2 = 16 + 92 + 121 + 221 + 242 \\
 692 &:= 1^6 + 9^2 + 13^1 + 21^1 + 24^2 = 16 + 92 + 131 + 211 + 242 \\
 692 &:= 1^6 + 9^2 + 14^1 + 20^1 + 24^2 = 16 + 92 + 141 + 201 + 242 \\
 692 &:= 1^6 + 9^2 + 15^1 + 19^1 + 24^2 = 16 + 92 + 151 + 191 + 242 \\
 692 &:= 1^6 + 9^2 + 16^1 + 18^1 + 24^2 = 16 + 92 + 161 + 181 + 242 \\
 692 &:= 1^6 + 9^2 + 17^1 + 17^1 + 24^2 = 16 + 92 + 171 + 171 + 242 \\
 692 &:= 1^7 + 10^1 + 14^2 + 21^0 + 22^2 = 17 + 101 + 142 + 210 + 222
 \end{aligned}$$

$$\begin{aligned} 692 &:= 1^7 + 10^2 + 14^1 + 19^0 + 24^2 = 17 + 102 + 141 + 190 + 242 \\ 692 &:= 1^7 + 12^2 + 15^0 + 17^1 + 23^2 = 17 + 122 + 150 + 171 + 232 \\ 692 &:= 1^7 + 4^3 + 11^0 + 25^2 + 27^0 = 17 + 43 + 110 + 252 + 270 \\ 692 &:= 1^7 + 4^3 + 12^0 + 25^2 + 26^0 = 17 + 43 + 120 + 252 + 260 \\ 692 &:= 1^7 + 4^3 + 13^0 + 25^0 + 25^2 = 17 + 43 + 130 + 250 + 252 \\ 692 &:= 1^7 + 4^3 + 14^0 + 24^0 + 25^2 = 17 + 43 + 140 + 240 + 252 \\ 692 &:= 1^7 + 4^3 + 15^0 + 23^0 + 25^2 = 17 + 43 + 150 + 230 + 252 \\ 692 &:= 1^7 + 4^3 + 16^0 + 22^0 + 25^2 = 17 + 43 + 160 + 220 + 252 \\ 692 &:= 1^7 + 4^3 + 17^0 + 21^0 + 25^2 = 17 + 43 + 170 + 210 + 252 \\ 692 &:= 1^7 + 4^3 + 18^0 + 20^0 + 25^2 = 17 + 43 + 180 + 200 + 252 \\ 692 &:= 1^7 + 4^3 + 19^0 + 19^0 + 25^2 = 17 + 43 + 190 + 190 + 252 \\ 692 &:= 1^7 + 5^1 + 18^2 + 19^2 + 25^0 = 17 + 51 + 182 + 192 + 250 \\ 692 &:= 1^7 + 7^0 + 15^2 + 21^2 + 24^1 = 17 + 70 + 152 + 212 + 241 \\ 692 &:= 1^7 + 7^2 + 16^1 + 19^0 + 25^2 = 17 + 72 + 161 + 190 + 252 \\ 692 &:= 1^8 + 10^0 + 17^2 + 20^0 + 20^2 = 18 + 100 + 172 + 200 + 202 \\ 692 &:= 1^8 + 11^0 + 17^2 + 19^0 + 20^2 = 18 + 110 + 172 + 190 + 202 \\ 692 &:= 1^8 + 12^0 + 17^2 + 18^0 + 20^2 = 18 + 120 + 172 + 180 + 202 \\ 692 &:= 1^8 + 13^0 + 17^0 + 17^2 + 20^2 = 18 + 130 + 170 + 172 + 202 \\ 692 &:= 1^8 + 14^0 + 16^0 + 17^2 + 20^2 = 18 + 140 + 160 + 172 + 202 \\ 692 &:= 1^8 + 15^0 + 15^0 + 17^2 + 20^2 = 18 + 150 + 150 + 172 + 202 \\ 692 &:= 1^8 + 2^1 + 12^1 + 26^2 + 27^0 = 18 + 21 + 121 + 262 + 270 \\ 692 &:= 1^8 + 3^0 + 17^2 + 20^2 + 27^0 = 18 + 30 + 172 + 202 + 270 \\ 692 &:= 1^8 + 3^1 + 11^1 + 26^2 + 27^0 = 18 + 31 + 111 + 262 + 270 \\ 692 &:= 1^8 + 4^0 + 17^2 + 20^2 + 26^0 = 18 + 40 + 172 + 202 + 260 \\ 692 &:= 1^8 + 4^1 + 10^1 + 26^2 + 27^0 = 18 + 41 + 101 + 262 + 270 \\ 692 &:= 1^8 + 5^0 + 17^2 + 20^2 + 25^0 = 18 + 50 + 172 + 202 + 250 \\ 692 &:= 1^8 + 5^1 + 9^1 + 26^2 + 27^0 = 18 + 51 + 91 + 262 + 270 \\ 692 &:= 1^8 + 6^0 + 17^2 + 20^2 + 24^0 = 18 + 60 + 172 + 202 + 240 \\ 692 &:= 1^8 + 6^1 + 8^1 + 26^2 + 27^0 = 18 + 61 + 81 + 262 + 270 \\ 692 &:= 1^8 + 7^0 + 17^2 + 20^2 + 23^0 = 18 + 70 + 172 + 202 + 230 \\ 692 &:= 1^8 + 7^0 + 8^2 + 25^2 + 27^0 = 18 + 70 + 82 + 252 + 270 \\ 692 &:= 1^8 + 7^1 + 7^1 + 26^2 + 27^0 = 18 + 71 + 71 + 262 + 270 \\ 692 &:= 1^8 + 8^0 + 17^2 + 20^2 + 22^0 = 18 + 80 + 172 + 202 + 220 \\ 692 &:= 1^8 + 8^0 + 8^2 + 25^2 + 26^0 = 18 + 80 + 82 + 252 + 260 \\ 692 &:= 1^8 + 8^2 + 10^0 + 24^0 + 25^2 = 18 + 82 + 100 + 240 + 252 \\ 692 &:= 1^8 + 8^2 + 11^0 + 23^0 + 25^2 = 18 + 82 + 110 + 230 + 252 \\ 692 &:= 1^8 + 8^2 + 12^0 + 22^0 + 25^2 = 18 + 82 + 120 + 220 + 252 \\ 692 &:= 1^8 + 8^2 + 13^0 + 21^0 + 25^2 = 18 + 82 + 130 + 210 + 252 \end{aligned}$$

$$\begin{aligned} 692 &:= 1^8 + 8^2 + 14^0 + 20^0 + 25^2 = 18 + 82 + 140 + 200 + 252 \\ 692 &:= 1^8 + 8^2 + 15^0 + 19^0 + 25^2 = 18 + 82 + 150 + 190 + 252 \\ 692 &:= 1^8 + 8^2 + 16^0 + 18^0 + 25^2 = 18 + 82 + 160 + 180 + 252 \\ 692 &:= 1^8 + 8^2 + 17^0 + 17^0 + 25^2 = 18 + 82 + 170 + 170 + 252 \\ 692 &:= 1^8 + 8^2 + 9^0 + 25^0 + 25^2 = 18 + 82 + 90 + 250 + 252 \\ 692 &:= 1^8 + 9^0 + 17^2 + 20^2 + 21^0 = 18 + 90 + 172 + 202 + 210 \\ 692 &:= 1^9 + 10^0 + 13^1 + 18^0 + 26^2 = 19 + 100 + 131 + 180 + 262 \\ 692 &:= 1^9 + 11^0 + 13^1 + 17^0 + 26^2 = 19 + 110 + 131 + 170 + 262 \\ 692 &:= 1^9 + 12^0 + 13^1 + 16^0 + 26^2 = 19 + 120 + 131 + 160 + 262 \\ 692 &:= 1^9 + 13^0 + 13^1 + 15^0 + 26^2 = 19 + 130 + 131 + 150 + 262 \\ 692 &:= 1^9 + 13^1 + 14^0 + 14^0 + 26^2 = 19 + 131 + 140 + 140 + 262 \\ 692 &:= 1^9 + 2^0 + 13^1 + 26^0 + 26^2 = 19 + 20 + 131 + 260 + 262 \\ 692 &:= 1^9 + 3^0 + 13^1 + 25^0 + 26^2 = 19 + 30 + 131 + 250 + 262 \\ 692 &:= 1^9 + 4^0 + 13^1 + 24^0 + 26^2 = 19 + 40 + 131 + 240 + 262 \\ 692 &:= 1^9 + 5^0 + 13^1 + 23^0 + 26^2 = 19 + 50 + 131 + 230 + 262 \\ 692 &:= 1^9 + 6^0 + 13^1 + 22^0 + 26^2 = 19 + 60 + 131 + 220 + 262 \\ 692 &:= 1^9 + 7^0 + 13^1 + 21^0 + 26^2 = 19 + 70 + 131 + 210 + 262 \\ 692 &:= 1^9 + 8^0 + 13^1 + 20^0 + 26^2 = 19 + 80 + 131 + 200 + 262 \\ 692 &:= 1^9 + 9^0 + 13^1 + 19^0 + 26^2 = 19 + 90 + 131 + 190 + 262 \\ 692 &:= 2^4 + 2^5 + 18^1 + 21^0 + 25^2 = 24 + 25 + 181 + 210 + 252 \\ 692 &:= 2^5 + 12^2 + 13^2 + 18^2 + 23^1 = 25 + 122 + 132 + 182 + 231 \\ 692 &:= 2^5 + 4^2 + 16^2 + 19^2 + 27^1 = 25 + 42 + 162 + 192 + 271 \\ 692 &:= 2^5 + 7^2 + 10^2 + 22^2 + 27^1 = 25 + 72 + 102 + 222 + 271 \\ 692 &:= 2^5 + 7^2 + 12^2 + 21^2 + 26^1 = 25 + 72 + 122 + 212 + 261 \\ 692 &:= 2^5 + 7^2 + 15^2 + 19^2 + 25^1 = 25 + 72 + 152 + 192 + 251 \\ 692 &:= 2^5 + 8^3 + 10^2 + 21^1 + 27^1 = 25 + 83 + 102 + 211 + 271 \\ 692 &:= 2^5 + 8^3 + 10^2 + 22^1 + 26^1 = 25 + 83 + 102 + 221 + 261 \\ 692 &:= 2^5 + 8^3 + 10^2 + 23^1 + 25^1 = 25 + 83 + 102 + 231 + 251 \\ 692 &:= 2^5 + 8^3 + 10^2 + 24^1 + 24^1 = 25 + 83 + 102 + 241 + 241 \\ 692 &:= 2^6 + 10^1 + 14^2 + 20^2 + 22^1 = 26 + 101 + 142 + 202 + 221 \\ 692 &:= 2^6 + 11^1 + 14^2 + 20^2 + 21^1 = 26 + 111 + 142 + 202 + 211 \\ 692 &:= 2^6 + 12^1 + 14^2 + 20^1 + 20^2 = 26 + 121 + 142 + 201 + 202 \\ 692 &:= 2^6 + 13^1 + 14^2 + 19^1 + 20^2 = 26 + 131 + 142 + 191 + 202 \\ 692 &:= 2^6 + 13^2 + 13^2 + 17^2 + 23^0 = 26 + 132 + 132 + 172 + 230 \\ 692 &:= 2^6 + 14^1 + 14^2 + 18^1 + 20^2 = 26 + 141 + 142 + 181 + 202 \\ 692 &:= 2^6 + 14^2 + 15^1 + 17^1 + 20^2 = 26 + 142 + 151 + 171 + 202 \\ 692 &:= 2^6 + 14^2 + 16^1 + 16^1 + 20^2 = 26 + 142 + 161 + 161 + 202 \\ 692 &:= 2^6 + 3^3 + 15^0 + 24^1 + 24^2 = 26 + 33 + 150 + 241 + 242 \end{aligned}$$

$$\begin{aligned}
 692 &:= 2^6 + 5^1 + 14^2 + 20^2 + 27^1 = 26 + 51 + 142 + 202 + 271 \\
 692 &:= 2^6 + 5^3 + 18^1 + 21^0 + 22^2 = 26 + 53 + 181 + 210 + 222 \\
 692 &:= 2^6 + 6^1 + 14^2 + 20^2 + 26^1 = 26 + 61 + 142 + 202 + 261 \\
 692 &:= 2^6 + 7^1 + 14^2 + 20^2 + 25^1 = 26 + 71 + 142 + 202 + 251 \\
 692 &:= 2^6 + 7^2 + 17^2 + 17^2 + 25^0 = 26 + 72 + 172 + 172 + 250 \\
 692 &:= 2^6 + 8^1 + 14^2 + 20^2 + 24^1 = 26 + 81 + 142 + 202 + 241 \\
 692 &:= 2^6 + 8^1 + 8^2 + 23^2 + 27^1 = 26 + 81 + 82 + 232 + 271 \\
 692 &:= 2^6 + 8^2 + 10^1 + 23^2 + 25^1 = 26 + 82 + 101 + 232 + 251 \\
 692 &:= 2^6 + 8^2 + 11^1 + 23^2 + 24^1 = 26 + 82 + 111 + 232 + 241 \\
 692 &:= 2^6 + 8^2 + 12^1 + 23^1 + 23^2 = 26 + 82 + 121 + 231 + 232 \\
 692 &:= 2^6 + 8^2 + 13^1 + 22^1 + 23^2 = 26 + 82 + 131 + 221 + 232 \\
 692 &:= 2^6 + 8^2 + 14^1 + 21^1 + 23^2 = 26 + 82 + 141 + 211 + 232 \\
 692 &:= 2^6 + 8^2 + 15^1 + 20^1 + 23^2 = 26 + 82 + 151 + 201 + 232 \\
 692 &:= 2^6 + 8^2 + 16^1 + 19^1 + 23^2 = 26 + 82 + 161 + 191 + 232 \\
 692 &:= 2^6 + 8^2 + 17^1 + 18^1 + 23^2 = 26 + 82 + 171 + 181 + 232 \\
 692 &:= 2^6 + 8^2 + 9^1 + 23^2 + 26^1 = 26 + 82 + 91 + 232 + 261 \\
 692 &:= 2^6 + 9^1 + 14^2 + 20^2 + 23^1 = 26 + 91 + 142 + 202 + 231 \\
 692 &:= 2^7 + 10^2 + 13^0 + 21^2 + 22^1 = 27 + 102 + 130 + 212 + 221 \\
 692 &:= 2^7 + 12^2 + 15^0 + 19^1 + 20^2 = 27 + 122 + 150 + 191 + 202 \\
 692 &:= 2^7 + 14^1 + 15^2 + 18^2 + 19^0 = 27 + 141 + 152 + 182 + 190 \\
 692 &:= 2^7 + 15^0 + 16^2 + 17^2 + 18^1 = 27 + 150 + 162 + 172 + 181 \\
 692 &:= 2^7 + 3^2 + 15^0 + 23^2 + 25^1 = 27 + 32 + 150 + 232 + 251 \\
 692 &:= 2^7 + 4^2 + 18^1 + 21^0 + 23^2 = 27 + 42 + 181 + 210 + 232 \\
 692 &:= 2^7 + 6^1 + 14^2 + 19^2 + 27^0 = 27 + 61 + 142 + 192 + 270
 \end{aligned}$$

$$\begin{aligned}
 692 &:= 2^7 + 7^0 + 8^3 + 24^1 + 27^1 = 27 + 70 + 83 + 241 + 271 \\
 692 &:= 2^7 + 7^0 + 8^3 + 25^1 + 26^1 = 27 + 70 + 83 + 251 + 261 \\
 692 &:= 2^7 + 8^2 + 15^1 + 21^0 + 22^2 = 27 + 82 + 151 + 210 + 222 \\
 692 &:= 2^8 + 10^1 + 11^0 + 20^2 + 25^1 = 28 + 101 + 110 + 202 + 251 \\
 692 &:= 2^8 + 11^0 + 11^1 + 20^2 + 24^1 = 28 + 110 + 111 + 202 + 241 \\
 692 &:= 2^8 + 11^0 + 12^1 + 20^2 + 23^1 = 28 + 110 + 121 + 202 + 231 \\
 692 &:= 2^8 + 11^0 + 13^1 + 20^2 + 22^1 = 28 + 110 + 131 + 202 + 221 \\
 692 &:= 2^8 + 11^0 + 14^1 + 20^2 + 21^1 = 28 + 110 + 141 + 202 + 211 \\
 692 &:= 2^8 + 11^0 + 15^1 + 20^1 + 20^2 = 28 + 110 + 151 + 201 + 202 \\
 692 &:= 2^8 + 11^0 + 16^1 + 19^1 + 20^2 = 28 + 110 + 161 + 191 + 202 \\
 692 &:= 2^8 + 11^0 + 17^1 + 18^1 + 20^2 = 28 + 110 + 171 + 181 + 202 \\
 692 &:= 2^8 + 8^1 + 11^0 + 20^2 + 27^1 = 28 + 81 + 110 + 202 + 271 \\
 692 &:= 2^8 + 9^1 + 11^0 + 20^2 + 26^1 = 28 + 91 + 110 + 202 + 261 \\
 692 &:= 2^9 + 9^1 + 13^2 + 17^0 + 27^0 = 29 + 91 + 132 + 170 + 270 \\
 692 &:= 2^9 + 9^1 + 13^2 + 18^0 + 26^0 = 29 + 91 + 132 + 180 + 260 \\
 692 &:= 2^9 + 9^1 + 13^2 + 19^0 + 25^0 = 29 + 91 + 132 + 190 + 250 \\
 692 &:= 2^9 + 9^1 + 13^2 + 20^0 + 24^0 = 29 + 91 + 132 + 200 + 240 \\
 692 &:= 2^9 + 9^1 + 13^2 + 21^0 + 23^0 = 29 + 91 + 132 + 210 + 230 \\
 692 &:= 2^9 + 9^1 + 13^2 + 22^0 + 22^0 = 29 + 91 + 132 + 220 + 220 \\
 692 &:= 3^4 + 6^3 + 7^3 + 25^1 + 27^1 = 34 + 63 + 73 + 251 + 271 \\
 692 &:= 3^4 + 6^3 + 7^3 + 26^1 + 26^1 = 34 + 63 + 73 + 261 + 261 \\
 692 &:= 3^5 + 4^4 + 13^2 + 23^1 + 25^0 = 35 + 44 + 132 + 231 + 250
 \end{aligned}$$

2.2.594 Number 693

$$\begin{aligned}
 693 &:= 16^1 + 26^2 + 27^0 = 161 + 262 + 270 \\
 693 &:= 1^0 + 15^1 + 26^2 + 27^0 = 10 + 151 + 262 + 270 \\
 693 &:= 10^0 + 15^1 + 18^0 + 26^2 = 100 + 151 + 180 + 262 \\
 693 &:= 11^0 + 15^1 + 17^0 + 26^2 = 110 + 151 + 170 + 262 \\
 693 &:= 12^0 + 15^1 + 16^0 + 26^2 = 120 + 151 + 160 + 262 \\
 693 &:= 13^0 + 15^0 + 15^1 + 26^2 = 130 + 150 + 151 + 262 \\
 693 &:= 14^0 + 14^0 + 15^1 + 26^2 = 140 + 140 + 151 + 262 \\
 693 &:= 2^0 + 15^1 + 26^0 + 26^2 = 20 + 151 + 260 + 262 \\
 693 &:= 2^9 + 5^3 + 6^0 + 55^1 = 29 + 53 + 60 + 551 \\
 693 &:= 2^9 + 6^2 + 12^2 + 48^0 = 29 + 62 + 122 + 480 \\
 693 &:= 3^0 + 15^1 + 25^0 + 26^2 = 30 + 151 + 250 + 262 \\
 693 &:= 4^0 + 15^1 + 24^0 + 26^2 = 40 + 151 + 240 + 262
 \end{aligned}$$

$$\begin{aligned}
 693 &:= 5^0 + 15^1 + 23^0 + 26^2 = 50 + 151 + 230 + 262 \\
 693 &:= 6^0 + 15^1 + 22^0 + 26^2 = 60 + 151 + 220 + 262 \\
 693 &:= 7^0 + 15^1 + 21^0 + 26^2 = 70 + 151 + 210 + 262 \\
 693 &:= 8^0 + 15^1 + 20^0 + 26^2 = 80 + 151 + 200 + 262 \\
 693 &:= 9^0 + 15^1 + 19^0 + 26^2 = 90 + 151 + 190 + 262 \\
 693 &:= 1^0 + 1^0 + 14^1 + 26^2 + 27^0 = 10 + 10 + 141 + 262 + 270 \\
 693 &:= 1^0 + 10^0 + 14^1 + 18^0 + 26^2 = 10 + 100 + 141 + 180 + 262 \\
 693 &:= 1^0 + 11^0 + 14^1 + 17^0 + 26^2 = 10 + 110 + 141 + 170 + 262 \\
 693 &:= 1^0 + 12^0 + 14^1 + 16^0 + 26^2 = 10 + 120 + 141 + 160 + 262 \\
 693 &:= 1^0 + 13^0 + 14^1 + 15^0 + 26^2 = 10 + 130 + 141 + 150 + 262 \\
 693 &:= 1^0 + 14^0 + 14^0 + 14^1 + 26^2 = 10 + 140 + 140 + 141 + 262 \\
 693 &:= 1^0 + 2^0 + 14^1 + 26^0 + 26^2 = 10 + 20 + 141 + 260 + 262
 \end{aligned}$$

$$\begin{aligned} 693 &:= 1^0 + 3^0 + 14^1 + 25^0 + 26^2 = 10 + 30 + 141 + 250 + 262 \\ 693 &:= 1^0 + 4^0 + 14^1 + 24^0 + 26^2 = 10 + 40 + 141 + 240 + 262 \\ 693 &:= 1^0 + 5^0 + 14^1 + 23^0 + 26^2 = 10 + 50 + 141 + 230 + 262 \\ 693 &:= 1^0 + 6^0 + 14^1 + 22^0 + 26^2 = 10 + 60 + 141 + 220 + 262 \\ 693 &:= 1^0 + 7^0 + 14^1 + 21^0 + 26^2 = 10 + 70 + 141 + 210 + 262 \\ 693 &:= 1^0 + 8^0 + 14^1 + 20^0 + 26^2 = 10 + 80 + 141 + 200 + 262 \\ 693 &:= 1^0 + 9^0 + 14^1 + 19^0 + 26^2 = 10 + 90 + 141 + 190 + 262 \\ 693 &:= 1^1 + 1^9 + 14^1 + 26^0 + 26^2 = 11 + 19 + 141 + 260 + 262 \\ 693 &:= 1^2 + 1^8 + 14^1 + 26^0 + 26^2 = 12 + 18 + 141 + 260 + 262 \\ 693 &:= 1^3 + 1^7 + 14^1 + 26^0 + 26^2 = 13 + 17 + 141 + 260 + 262 \\ 693 &:= 1^4 + 1^6 + 14^1 + 26^0 + 26^2 = 14 + 16 + 141 + 260 + 262 \\ 693 &:= 1^5 + 1^5 + 14^1 + 26^0 + 26^2 = 15 + 15 + 141 + 260 + 262 \\ 693 &:= 1^7 + 5^2 + 15^2 + 21^2 + 26^0 = 17 + 52 + 152 + 212 + 260 \\ 693 &:= 1^7 + 7^3 + 18^0 + 18^2 + 24^1 = 17 + 73 + 180 + 182 + 241 \\ 693 &:= 1^7 + 9^2 + 13^2 + 21^2 + 24^0 = 17 + 92 + 132 + 212 + 240 \\ 693 &:= 1^7 + 9^2 + 9^2 + 23^2 + 26^0 = 17 + 92 + 92 + 232 + 260 \\ 693 &:= 1^8 + 10^2 + 15^1 + 18^0 + 24^2 = 18 + 102 + 151 + 180 + 242 \\ 693 &:= 1^8 + 11^1 + 14^2 + 20^0 + 22^2 = 18 + 111 + 142 + 200 + 222 \\ 693 &:= 1^8 + 12^2 + 14^0 + 18^1 + 23^2 = 18 + 122 + 140 + 181 + 232 \\ 693 &:= 1^8 + 6^0 + 15^2 + 21^2 + 25^1 = 18 + 60 + 152 + 212 + 251 \\ 693 &:= 1^8 + 6^1 + 18^2 + 19^2 + 24^0 = 18 + 61 + 182 + 192 + 240 \\ 693 &:= 1^8 + 7^2 + 17^1 + 18^0 + 25^2 = 18 + 72 + 171 + 180 + 252 \\ 693 &:= 1^9 + 2^1 + 13^1 + 26^0 + 26^2 = 19 + 21 + 131 + 260 + 262 \\ 693 &:= 1^9 + 3^1 + 12^1 + 26^0 + 26^2 = 19 + 31 + 121 + 260 + 262 \\ 693 &:= 1^9 + 4^1 + 11^1 + 26^0 + 26^2 = 19 + 41 + 111 + 260 + 262 \\ 693 &:= 1^9 + 5^1 + 10^1 + 26^0 + 26^2 = 19 + 51 + 101 + 260 + 262 \\ 693 &:= 1^9 + 6^1 + 9^1 + 26^0 + 26^2 = 19 + 61 + 91 + 260 + 262 \\ 693 &:= 1^9 + 7^1 + 8^1 + 26^0 + 26^2 = 19 + 71 + 81 + 260 + 262 \\ 693 &:= 2^0 + 10^0 + 14^1 + 17^0 + 26^2 = 20 + 100 + 141 + 170 + 262 \\ 693 &:= 2^0 + 11^0 + 14^1 + 16^0 + 26^2 = 20 + 110 + 141 + 160 + 262 \\ 693 &:= 2^0 + 12^0 + 14^1 + 15^0 + 26^2 = 20 + 120 + 141 + 150 + 262 \\ 693 &:= 2^0 + 13^0 + 14^0 + 14^1 + 26^2 = 20 + 130 + 140 + 141 + 262 \\ 693 &:= 2^0 + 2^0 + 14^1 + 25^0 + 26^2 = 20 + 20 + 141 + 250 + 262 \\ 693 &:= 2^0 + 3^0 + 14^1 + 24^0 + 26^2 = 20 + 30 + 141 + 240 + 262 \\ 693 &:= 2^0 + 4^0 + 14^1 + 23^0 + 26^2 = 20 + 40 + 141 + 230 + 262 \\ 693 &:= 2^0 + 5^0 + 14^1 + 22^0 + 26^2 = 20 + 50 + 141 + 220 + 262 \\ 693 &:= 2^0 + 6^0 + 14^1 + 21^0 + 26^2 = 20 + 60 + 141 + 210 + 262 \\ 693 &:= 2^0 + 7^0 + 14^1 + 20^0 + 26^2 = 20 + 70 + 141 + 200 + 262 \\ 693 &:= 2^0 + 8^0 + 14^1 + 19^0 + 26^2 = 20 + 80 + 141 + 190 + 262 \\ 693 &:= 2^0 + 9^0 + 14^1 + 18^0 + 26^2 = 20 + 90 + 141 + 180 + 262 \\ 693 &:= 2^3 + 2^7 + 14^0 + 23^2 + 27^1 = 23 + 27 + 140 + 232 + 271 \\ 693 &:= 2^5 + 3^5 + 17^1 + 20^2 + 26^0 = 25 + 35 + 171 + 202 + 260 \\ 693 &:= 2^6 + 3^4 + 18^1 + 22^0 + 23^2 = 26 + 34 + 181 + 220 + 232 \\ 693 &:= 2^7 + 4^3 + 16^1 + 22^2 + 24^0 = 27 + 43 + 161 + 222 + 240 \\ 693 &:= 2^7 + 5^2 + 8^3 + 26^0 + 27^1 = 27 + 52 + 83 + 260 + 271 \\ 693 &:= 2^7 + 6^3 + 18^0 + 18^2 + 24^1 = 27 + 63 + 180 + 182 + 241 \\ 693 &:= 2^7 + 7^3 + 14^2 + 20^0 + 25^1 = 27 + 73 + 142 + 200 + 251 \\ 693 &:= 2^8 + 10^2 + 12^1 + 18^2 + 26^0 = 28 + 102 + 121 + 182 + 260 \\ 693 &:= 2^8 + 11^1 + 13^2 + 16^2 + 26^0 = 28 + 111 + 132 + 162 + 260 \\ 693 &:= 2^8 + 11^2 + 12^0 + 17^2 + 26^1 = 28 + 112 + 120 + 172 + 261 \\ 693 &:= 2^8 + 14^2 + 15^1 + 15^2 + 22^0 = 28 + 142 + 151 + 152 + 220 \\ 693 &:= 2^8 + 3^2 + 16^0 + 20^2 + 27^1 = 28 + 32 + 160 + 202 + 271 \\ 693 &:= 2^8 + 4^2 + 20^1 + 20^2 + 22^0 = 28 + 42 + 201 + 202 + 220 \\ 693 &:= 2^8 + 7^2 + 14^0 + 19^2 + 26^1 = 28 + 72 + 140 + 192 + 261 \\ 693 &:= 2^9 + 10^1 + 12^2 + 18^0 + 26^1 = 29 + 101 + 122 + 180 + 261 \\ 693 &:= 2^9 + 11^1 + 12^2 + 18^0 + 25^1 = 29 + 111 + 122 + 180 + 251 \\ 693 &:= 2^9 + 12^1 + 12^2 + 18^0 + 24^1 = 29 + 121 + 122 + 180 + 241 \\ 693 &:= 2^9 + 12^2 + 13^1 + 18^0 + 23^1 = 29 + 122 + 131 + 180 + 231 \\ 693 &:= 2^9 + 12^2 + 14^1 + 18^0 + 22^1 = 29 + 122 + 141 + 180 + 221 \\ 693 &:= 2^9 + 12^2 + 15^1 + 18^0 + 21^1 = 29 + 122 + 151 + 180 + 211 \\ 693 &:= 2^9 + 12^2 + 16^1 + 18^0 + 20^1 = 29 + 122 + 161 + 180 + 201 \\ 693 &:= 2^9 + 12^2 + 17^1 + 18^0 + 19^1 = 29 + 122 + 171 + 180 + 191 \\ 693 &:= 2^9 + 12^2 + 18^0 + 18^1 + 18^1 = 29 + 122 + 180 + 181 + 181 \\ 693 &:= 2^9 + 9^1 + 12^2 + 18^0 + 27^1 = 29 + 91 + 122 + 180 + 271 \\ 693 &:= 3^0 + 10^0 + 14^1 + 16^0 + 26^2 = 30 + 100 + 141 + 160 + 262 \\ 693 &:= 3^0 + 11^0 + 14^1 + 15^0 + 26^2 = 30 + 110 + 141 + 150 + 262 \\ 693 &:= 3^0 + 12^0 + 14^0 + 14^1 + 26^2 = 30 + 120 + 140 + 141 + 262 \\ 693 &:= 3^0 + 13^0 + 13^0 + 14^1 + 26^2 = 30 + 130 + 130 + 141 + 262 \\ 693 &:= 3^0 + 3^0 + 14^1 + 23^0 + 26^2 = 30 + 30 + 141 + 230 + 262 \\ 693 &:= 3^0 + 4^0 + 14^1 + 22^0 + 26^2 = 30 + 40 + 141 + 220 + 262 \\ 693 &:= 3^0 + 5^0 + 14^1 + 21^0 + 26^2 = 30 + 50 + 141 + 210 + 262 \\ 693 &:= 3^0 + 6^0 + 14^1 + 20^0 + 26^2 = 30 + 60 + 141 + 200 + 262 \\ 693 &:= 3^0 + 7^0 + 14^1 + 19^0 + 26^2 = 30 + 70 + 141 + 190 + 262 \\ 693 &:= 3^0 + 8^0 + 14^1 + 18^0 + 26^2 = 30 + 80 + 141 + 180 + 262 \\ 693 &:= 3^0 + 9^0 + 14^1 + 17^0 + 26^2 = 30 + 90 + 141 + 170 + 262 \\ 693 &:= 4^0 + 10^0 + 14^1 + 15^0 + 26^2 = 40 + 100 + 141 + 150 + 262 \end{aligned}$$

$$\begin{aligned}
 693 &:= 4^0 + 11^0 + 14^0 + 14^1 + 26^2 = 40 + 110 + 140 + 141 + 262 \\
 693 &:= 4^0 + 12^0 + 13^0 + 14^1 + 26^2 = 40 + 120 + 130 + 141 + 262 \\
 693 &:= 4^0 + 4^0 + 14^1 + 21^0 + 26^2 = 40 + 40 + 141 + 210 + 262 \\
 693 &:= 4^0 + 5^0 + 14^1 + 20^0 + 26^2 = 40 + 50 + 141 + 200 + 262 \\
 693 &:= 4^0 + 6^0 + 14^1 + 19^0 + 26^2 = 40 + 60 + 141 + 190 + 262 \\
 693 &:= 4^0 + 7^0 + 14^1 + 18^0 + 26^2 = 40 + 70 + 141 + 180 + 262 \\
 693 &:= 4^0 + 8^0 + 14^1 + 17^0 + 26^2 = 40 + 80 + 141 + 170 + 262 \\
 693 &:= 4^0 + 9^0 + 14^1 + 16^0 + 26^2 = 40 + 90 + 141 + 160 + 262 \\
 693 &:= 5^0 + 10^0 + 14^0 + 14^1 + 26^2 = 50 + 100 + 140 + 141 + 262 \\
 693 &:= 5^0 + 11^0 + 13^0 + 14^1 + 26^2 = 50 + 110 + 130 + 141 + 262 \\
 693 &:= 5^0 + 12^0 + 12^0 + 14^1 + 26^2 = 50 + 120 + 120 + 141 + 262 \\
 693 &:= 5^0 + 5^0 + 14^1 + 19^0 + 26^2 = 50 + 50 + 141 + 190 + 262 \\
 693 &:= 5^0 + 6^0 + 14^1 + 18^0 + 26^2 = 50 + 60 + 141 + 180 + 262 \\
 693 &:= 5^0 + 7^0 + 14^1 + 17^0 + 26^2 = 50 + 70 + 141 + 170 + 262 \\
 693 &:= 5^0 + 8^0 + 14^1 + 16^0 + 26^2 = 50 + 80 + 141 + 160 + 262 \\
 693 &:= 5^0 + 9^0 + 14^1 + 15^0 + 26^2 = 50 + 90 + 141 + 150 + 262 \\
 693 &:= 6^0 + 10^0 + 13^0 + 14^1 + 26^2 = 60 + 100 + 130 + 141 + 262
 \end{aligned}$$

$$\begin{aligned}
 693 &:= 6^0 + 11^0 + 12^0 + 14^1 + 26^2 = 60 + 110 + 120 + 141 + 262 \\
 693 &:= 6^0 + 6^0 + 14^1 + 17^0 + 26^2 = 60 + 60 + 141 + 170 + 262 \\
 693 &:= 6^0 + 7^0 + 14^1 + 16^0 + 26^2 = 60 + 70 + 141 + 160 + 262 \\
 693 &:= 6^0 + 8^0 + 14^1 + 15^0 + 26^2 = 60 + 80 + 141 + 150 + 262 \\
 693 &:= 6^0 + 9^0 + 14^0 + 14^1 + 26^2 = 60 + 90 + 140 + 141 + 262 \\
 693 &:= 7^0 + 10^0 + 12^0 + 14^1 + 26^2 = 70 + 100 + 120 + 141 + 262 \\
 693 &:= 7^0 + 11^0 + 11^0 + 14^1 + 26^2 = 70 + 110 + 110 + 141 + 262 \\
 693 &:= 7^0 + 7^0 + 14^1 + 15^0 + 26^2 = 70 + 70 + 141 + 150 + 262 \\
 693 &:= 7^0 + 8^0 + 14^0 + 14^1 + 26^2 = 70 + 80 + 140 + 141 + 262 \\
 693 &:= 7^0 + 9^0 + 13^0 + 14^1 + 26^2 = 70 + 90 + 130 + 141 + 262 \\
 693 &:= 8^0 + 10^0 + 11^0 + 14^1 + 26^2 = 80 + 100 + 110 + 141 + 262 \\
 693 &:= 8^0 + 8^0 + 13^0 + 14^1 + 26^2 = 80 + 80 + 130 + 141 + 262 \\
 693 &:= 8^0 + 9^0 + 12^0 + 14^1 + 26^2 = 80 + 90 + 120 + 141 + 262 \\
 693 &:= 9^0 + 10^0 + 10^0 + 14^1 + 26^2 = 90 + 100 + 100 + 141 + 262 \\
 693 &:= 9^0 + 9^0 + 11^0 + 14^1 + 26^2 = 90 + 90 + 110 + 141 + 262
 \end{aligned}$$

2.2.595 Number 694

$$\begin{aligned}
 694 &:= 1^0 + 4^2 + 26^2 + 38^0 = 10 + 42 + 262 + 380 \\
 694 &:= 1^1 + 16^1 + 26^0 + 26^2 = 11 + 161 + 260 + 262 \\
 694 &:= 1^6 + 2^3 + 5^4 + 60^1 = 16 + 23 + 54 + 601 \\
 694 &:= 1^7 + 3^2 + 5^4 + 59^1 = 17 + 32 + 54 + 591 \\
 694 &:= 1^8 + 2^4 + 26^2 + 39^0 = 18 + 24 + 262 + 390 \\
 694 &:= 1^8 + 5^3 + 23^2 + 39^1 = 18 + 53 + 232 + 391 \\
 694 &:= 2^0 + 4^2 + 26^2 + 37^0 = 20 + 42 + 262 + 370 \\
 694 &:= 2^1 + 15^1 + 26^0 + 26^2 = 21 + 151 + 260 + 262 \\
 694 &:= 2^9 + 3^2 + 11^2 + 52^1 = 29 + 32 + 112 + 521 \\
 694 &:= 3^0 + 4^2 + 26^2 + 36^0 = 30 + 42 + 262 + 360 \\
 694 &:= 3^1 + 14^1 + 26^0 + 26^2 = 31 + 141 + 260 + 262 \\
 694 &:= 4^0 + 4^2 + 26^2 + 35^0 = 40 + 42 + 262 + 350 \\
 694 &:= 4^1 + 13^1 + 26^0 + 26^2 = 41 + 131 + 260 + 262 \\
 694 &:= 4^2 + 10^0 + 26^2 + 29^0 = 42 + 100 + 262 + 290 \\
 694 &:= 4^2 + 11^0 + 26^2 + 28^0 = 42 + 110 + 262 + 280 \\
 694 &:= 4^2 + 12^0 + 26^2 + 27^0 = 42 + 120 + 262 + 270 \\
 694 &:= 4^2 + 13^0 + 26^0 + 26^2 = 42 + 130 + 260 + 262 \\
 694 &:= 4^2 + 14^0 + 25^0 + 26^2 = 42 + 140 + 250 + 262 \\
 694 &:= 4^2 + 15^0 + 24^0 + 26^2 = 42 + 150 + 240 + 262
 \end{aligned}$$

$$\begin{aligned}
 694 &:= 4^2 + 16^0 + 23^0 + 26^2 = 42 + 160 + 230 + 262 \\
 694 &:= 4^2 + 17^0 + 22^0 + 26^2 = 42 + 170 + 220 + 262 \\
 694 &:= 4^2 + 18^0 + 21^0 + 26^2 = 42 + 180 + 210 + 262 \\
 694 &:= 4^2 + 19^0 + 20^0 + 26^2 = 42 + 190 + 200 + 262 \\
 694 &:= 4^2 + 5^0 + 26^2 + 34^0 = 42 + 50 + 262 + 340 \\
 694 &:= 4^2 + 6^0 + 26^2 + 33^0 = 42 + 60 + 262 + 330 \\
 694 &:= 4^2 + 7^0 + 26^2 + 32^0 = 42 + 70 + 262 + 320 \\
 694 &:= 4^2 + 8^0 + 26^2 + 31^0 = 42 + 80 + 262 + 310 \\
 694 &:= 4^2 + 9^0 + 26^2 + 30^0 = 42 + 90 + 262 + 300 \\
 694 &:= 5^1 + 12^1 + 26^0 + 26^2 = 51 + 121 + 260 + 262 \\
 694 &:= 6^1 + 11^1 + 26^0 + 26^2 = 61 + 111 + 260 + 262 \\
 694 &:= 7^1 + 10^1 + 26^0 + 26^2 = 71 + 101 + 260 + 262 \\
 694 &:= 8^1 + 9^1 + 26^0 + 26^2 = 81 + 91 + 260 + 262 \\
 694 &:= 1^0 + 1^1 + 15^1 + 26^0 + 26^2 = 10 + 11 + 151 + 260 + 262 \\
 694 &:= 1^0 + 2^1 + 14^1 + 26^0 + 26^2 = 10 + 21 + 141 + 260 + 262 \\
 694 &:= 1^0 + 3^1 + 13^1 + 26^0 + 26^2 = 10 + 31 + 131 + 260 + 262 \\
 694 &:= 1^0 + 4^1 + 12^1 + 26^0 + 26^2 = 10 + 41 + 121 + 260 + 262 \\
 694 &:= 1^0 + 5^1 + 11^1 + 26^0 + 26^2 = 10 + 51 + 111 + 260 + 262 \\
 694 &:= 1^0 + 6^1 + 10^1 + 26^0 + 26^2 = 10 + 61 + 101 + 260 + 262
 \end{aligned}$$

$$\begin{aligned} 694 &:= 1^0 + 7^1 + 9^1 + 26^0 + 26^2 = 10 + 71 + 91 + 260 + 262 \\ 694 &:= 1^0 + 8^1 + 8^1 + 26^0 + 26^2 = 10 + 81 + 81 + 260 + 262 \\ 694 &:= 1^1 + 10^0 + 15^1 + 17^0 + 26^2 = 11 + 100 + 151 + 170 + 262 \\ 694 &:= 1^1 + 11^0 + 15^1 + 16^0 + 26^2 = 11 + 110 + 151 + 160 + 262 \\ 694 &:= 1^1 + 12^0 + 15^0 + 15^1 + 26^2 = 11 + 120 + 150 + 151 + 262 \\ 694 &:= 1^1 + 13^0 + 14^0 + 15^1 + 26^2 = 11 + 130 + 140 + 151 + 262 \\ 694 &:= 1^1 + 2^0 + 15^1 + 25^0 + 26^2 = 11 + 20 + 151 + 250 + 262 \\ 694 &:= 1^1 + 3^0 + 15^1 + 24^0 + 26^2 = 11 + 30 + 151 + 240 + 262 \\ 694 &:= 1^1 + 4^0 + 15^1 + 23^0 + 26^2 = 11 + 40 + 151 + 230 + 262 \\ 694 &:= 1^1 + 5^0 + 15^1 + 22^0 + 26^2 = 11 + 50 + 151 + 220 + 262 \\ 694 &:= 1^1 + 6^0 + 15^1 + 21^0 + 26^2 = 11 + 60 + 151 + 210 + 262 \\ 694 &:= 1^1 + 7^0 + 15^1 + 20^0 + 26^2 = 11 + 70 + 151 + 200 + 262 \\ 694 &:= 1^1 + 8^0 + 15^1 + 19^0 + 26^2 = 11 + 80 + 151 + 190 + 262 \\ 694 &:= 1^1 + 9^0 + 15^1 + 18^0 + 26^2 = 11 + 90 + 151 + 180 + 262 \\ 694 &:= 1^2 + 1^9 + 15^1 + 25^0 + 26^2 = 12 + 19 + 151 + 250 + 262 \\ 694 &:= 1^3 + 1^8 + 15^1 + 25^0 + 26^2 = 13 + 18 + 151 + 250 + 262 \\ 694 &:= 1^4 + 1^7 + 15^1 + 25^0 + 26^2 = 14 + 17 + 151 + 250 + 262 \\ 694 &:= 1^5 + 1^6 + 15^1 + 25^0 + 26^2 = 15 + 16 + 151 + 250 + 262 \\ 694 &:= 1^7 + 10^2 + 13^2 + 20^2 + 24^1 = 17 + 102 + 132 + 202 + 241 \\ 694 &:= 1^7 + 11^2 + 15^2 + 18^2 + 23^1 = 17 + 112 + 152 + 182 + 231 \\ 694 &:= 1^7 + 4^2 + 17^2 + 19^2 + 27^1 = 17 + 42 + 172 + 192 + 271 \\ 694 &:= 1^7 + 5^3 + 12^1 + 23^2 + 27^1 = 17 + 53 + 121 + 232 + 271 \\ 694 &:= 1^7 + 5^3 + 13^1 + 23^2 + 26^1 = 17 + 53 + 131 + 232 + 261 \\ 694 &:= 1^7 + 5^3 + 14^1 + 23^2 + 25^1 = 17 + 53 + 141 + 232 + 251 \\ 694 &:= 1^7 + 5^3 + 15^1 + 23^2 + 24^1 = 17 + 53 + 151 + 232 + 241 \\ 694 &:= 1^7 + 5^3 + 16^1 + 23^1 + 23^2 = 17 + 53 + 161 + 231 + 232 \\ 694 &:= 1^7 + 5^3 + 17^1 + 22^1 + 23^2 = 17 + 53 + 171 + 221 + 232 \\ 694 &:= 1^7 + 5^3 + 18^1 + 21^1 + 23^2 = 17 + 53 + 181 + 211 + 232 \\ 694 &:= 1^7 + 5^3 + 19^1 + 20^1 + 23^2 = 17 + 53 + 191 + 201 + 232 \\ 694 &:= 1^8 + 6^2 + 16^2 + 20^2 + 25^0 = 18 + 62 + 162 + 202 + 250 \\ 694 &:= 1^8 + 7^3 + 17^0 + 18^2 + 25^1 = 18 + 73 + 170 + 182 + 251 \\ 694 &:= 1^8 + 8^2 + 12^2 + 22^2 + 25^0 = 18 + 82 + 122 + 222 + 250 \\ 694 &:= 1^9 + 10^2 + 16^1 + 17^0 + 24^2 = 19 + 102 + 161 + 170 + 242 \\ 694 &:= 1^9 + 12^1 + 14^2 + 19^0 + 22^2 = 19 + 121 + 142 + 190 + 222 \\ 694 &:= 1^9 + 12^2 + 13^0 + 19^1 + 23^2 = 19 + 122 + 130 + 191 + 232 \\ 694 &:= 1^9 + 2^2 + 12^1 + 26^2 + 27^0 = 19 + 22 + 121 + 262 + 270 \\ 694 &:= 1^9 + 3^1 + 17^2 + 20^2 + 27^0 = 19 + 31 + 172 + 202 + 270 \\ 694 &:= 1^9 + 5^0 + 15^2 + 21^2 + 26^1 = 19 + 50 + 152 + 212 + 261 \end{aligned}$$

$$\begin{aligned} 694 &:= 1^9 + 7^1 + 18^2 + 19^2 + 23^0 = 19 + 71 + 182 + 192 + 230 \\ 694 &:= 1^9 + 7^2 + 17^0 + 18^1 + 25^2 = 19 + 72 + 170 + 181 + 252 \\ 694 &:= 2^0 + 2^1 + 14^1 + 25^0 + 26^2 = 20 + 21 + 141 + 250 + 262 \\ 694 &:= 2^0 + 3^1 + 13^1 + 25^0 + 26^2 = 20 + 31 + 131 + 250 + 262 \\ 694 &:= 2^0 + 4^1 + 12^1 + 25^0 + 26^2 = 20 + 41 + 121 + 250 + 262 \\ 694 &:= 2^0 + 5^1 + 11^1 + 25^0 + 26^2 = 20 + 51 + 111 + 250 + 262 \\ 694 &:= 2^0 + 6^1 + 10^1 + 25^0 + 26^2 = 20 + 61 + 101 + 250 + 262 \\ 694 &:= 2^0 + 7^1 + 9^1 + 25^0 + 26^2 = 20 + 71 + 91 + 250 + 262 \\ 694 &:= 2^0 + 8^1 + 8^1 + 25^0 + 26^2 = 20 + 81 + 81 + 250 + 262 \\ 694 &:= 2^1 + 10^0 + 14^1 + 17^0 + 26^2 = 21 + 100 + 141 + 170 + 262 \\ 694 &:= 2^1 + 11^0 + 14^1 + 16^0 + 26^2 = 21 + 110 + 141 + 160 + 262 \\ 694 &:= 2^1 + 12^0 + 14^1 + 15^0 + 26^2 = 21 + 120 + 141 + 150 + 262 \\ 694 &:= 2^1 + 13^0 + 14^0 + 14^1 + 26^2 = 21 + 130 + 140 + 141 + 262 \\ 694 &:= 2^1 + 3^0 + 14^1 + 24^0 + 26^2 = 21 + 30 + 141 + 240 + 262 \\ 694 &:= 2^1 + 4^0 + 14^1 + 23^0 + 26^2 = 21 + 40 + 141 + 230 + 262 \\ 694 &:= 2^1 + 5^0 + 14^1 + 22^0 + 26^2 = 21 + 50 + 141 + 220 + 262 \\ 694 &:= 2^1 + 6^0 + 14^1 + 21^0 + 26^2 = 21 + 60 + 141 + 210 + 262 \\ 694 &:= 2^1 + 7^0 + 14^1 + 20^0 + 26^2 = 21 + 70 + 141 + 200 + 262 \\ 694 &:= 2^1 + 8^0 + 14^1 + 19^0 + 26^2 = 21 + 80 + 141 + 190 + 262 \\ 694 &:= 2^1 + 9^0 + 14^1 + 18^0 + 26^2 = 21 + 90 + 141 + 180 + 262 \\ 694 &:= 2^4 + 2^7 + 20^1 + 21^0 + 23^2 = 24 + 27 + 201 + 210 + 232 \\ 694 &:= 2^5 + 2^6 + 19^0 + 21^1 + 24^2 = 25 + 26 + 190 + 211 + 242 \\ 694 &:= 2^6 + 3^5 + 19^0 + 19^2 + 25^1 = 26 + 35 + 190 + 192 + 251 \\ 694 &:= 2^6 + 4^3 + 8^3 + 27^1 + 27^1 = 26 + 43 + 83 + 271 + 271 \\ 694 &:= 2^7 + 4^4 + 17^2 + 20^1 + 25^0 = 27 + 44 + 172 + 201 + 250 \\ 694 &:= 2^7 + 5^3 + 14^1 + 20^2 + 27^1 = 27 + 53 + 141 + 202 + 271 \\ 694 &:= 2^7 + 5^3 + 15^1 + 20^2 + 26^1 = 27 + 53 + 151 + 202 + 261 \\ 694 &:= 2^7 + 5^3 + 16^1 + 20^2 + 25^1 = 27 + 53 + 161 + 202 + 251 \\ 694 &:= 2^7 + 5^3 + 17^1 + 20^2 + 24^1 = 27 + 53 + 171 + 202 + 241 \\ 694 &:= 2^7 + 5^3 + 18^1 + 20^2 + 23^1 = 27 + 53 + 181 + 202 + 231 \\ 694 &:= 2^7 + 5^3 + 19^1 + 20^2 + 22^1 = 27 + 53 + 191 + 202 + 221 \\ 694 &:= 2^7 + 5^3 + 20^1 + 20^2 + 21^1 = 27 + 53 + 201 + 202 + 211 \\ 694 &:= 2^7 + 9^2 + 13^2 + 17^2 + 27^1 = 27 + 92 + 132 + 172 + 271 \\ 694 &:= 2^8 + 11^1 + 12^2 + 16^2 + 27^1 = 28 + 111 + 122 + 162 + 271 \\ 694 &:= 2^8 + 12^1 + 12^2 + 16^2 + 26^1 = 28 + 121 + 122 + 162 + 261 \\ 694 &:= 2^8 + 12^2 + 13^1 + 16^2 + 25^1 = 28 + 122 + 131 + 162 + 251 \\ 694 &:= 2^8 + 12^2 + 14^1 + 16^2 + 24^1 = 28 + 122 + 141 + 162 + 241 \\ 694 &:= 2^8 + 12^2 + 15^1 + 16^2 + 23^1 = 28 + 122 + 151 + 162 + 231 \end{aligned}$$

$$\begin{aligned} 694 &:= 2^8 + 12^2 + 16^1 + 16^2 + 22^1 = 28 + 122 + 161 + 162 + 221 \\ 694 &:= 2^8 + 12^2 + 16^2 + 17^1 + 21^1 = 28 + 122 + 162 + 171 + 211 \\ 694 &:= 2^8 + 12^2 + 16^2 + 18^1 + 20^1 = 28 + 122 + 162 + 181 + 201 \\ 694 &:= 2^8 + 12^2 + 16^2 + 19^1 + 19^1 = 28 + 122 + 162 + 191 + 191 \\ 694 &:= 2^8 + 5^3 + 17^2 + 21^0 + 23^1 = 28 + 53 + 172 + 210 + 231 \\ 694 &:= 2^8 + 6^2 + 14^1 + 19^2 + 27^1 = 28 + 62 + 141 + 192 + 271 \\ 694 &:= 2^8 + 6^2 + 15^1 + 19^2 + 26^1 = 28 + 62 + 151 + 192 + 261 \\ 694 &:= 2^8 + 6^2 + 16^1 + 19^2 + 25^1 = 28 + 62 + 161 + 192 + 251 \\ 694 &:= 2^8 + 6^2 + 17^1 + 19^2 + 24^1 = 28 + 62 + 171 + 192 + 241 \\ 694 &:= 2^8 + 6^2 + 18^1 + 19^2 + 23^1 = 28 + 62 + 181 + 192 + 231 \\ 694 &:= 2^8 + 6^2 + 19^1 + 19^2 + 22^1 = 28 + 62 + 191 + 192 + 221 \\ 694 &:= 2^8 + 6^2 + 19^2 + 20^1 + 21^1 = 28 + 62 + 192 + 201 + 211 \\ 694 &:= 2^8 + 6^3 + 14^2 + 21^0 + 25^1 = 28 + 63 + 142 + 210 + 251 \\ 694 &:= 2^9 + 6^2 + 11^2 + 24^1 + 25^0 = 29 + 62 + 112 + 241 + 250 \\ 694 &:= 3^0 + 3^1 + 13^1 + 24^0 + 26^2 = 30 + 31 + 131 + 240 + 262 \\ 694 &:= 3^0 + 4^1 + 12^1 + 24^0 + 26^2 = 30 + 41 + 121 + 240 + 262 \\ 694 &:= 3^0 + 5^1 + 11^1 + 24^0 + 26^2 = 30 + 51 + 111 + 240 + 262 \\ 694 &:= 3^0 + 6^1 + 10^1 + 24^0 + 26^2 = 30 + 61 + 101 + 240 + 262 \\ 694 &:= 3^0 + 7^1 + 9^1 + 24^0 + 26^2 = 30 + 71 + 91 + 240 + 262 \\ 694 &:= 3^0 + 8^1 + 8^1 + 24^0 + 26^2 = 30 + 81 + 81 + 240 + 262 \\ 694 &:= 3^1 + 10^0 + 13^1 + 17^0 + 26^2 = 31 + 100 + 131 + 170 + 262 \\ 694 &:= 3^1 + 11^0 + 13^1 + 16^0 + 26^2 = 31 + 110 + 131 + 160 + 262 \\ 694 &:= 3^1 + 12^0 + 13^1 + 15^0 + 26^2 = 31 + 120 + 131 + 150 + 262 \\ 694 &:= 3^1 + 13^0 + 13^1 + 14^0 + 26^2 = 31 + 130 + 131 + 140 + 262 \\ 694 &:= 3^1 + 4^0 + 13^1 + 23^0 + 26^2 = 31 + 40 + 131 + 230 + 262 \\ 694 &:= 3^1 + 5^0 + 13^1 + 22^0 + 26^2 = 31 + 50 + 131 + 220 + 262 \\ 694 &:= 3^1 + 6^0 + 13^1 + 21^0 + 26^2 = 31 + 60 + 131 + 210 + 262 \\ 694 &:= 3^1 + 7^0 + 13^1 + 20^0 + 26^2 = 31 + 70 + 131 + 200 + 262 \\ 694 &:= 3^1 + 8^0 + 13^1 + 19^0 + 26^2 = 31 + 80 + 131 + 190 + 262 \\ 694 &:= 3^1 + 9^0 + 13^1 + 18^0 + 26^2 = 31 + 90 + 131 + 180 + 262 \\ 694 &:= 4^0 + 4^1 + 12^1 + 23^0 + 26^2 = 40 + 41 + 121 + 230 + 262 \\ 694 &:= 4^0 + 5^1 + 11^1 + 23^0 + 26^2 = 40 + 51 + 111 + 230 + 262 \\ 694 &:= 4^0 + 6^1 + 10^1 + 23^0 + 26^2 = 40 + 61 + 101 + 230 + 262 \\ 694 &:= 4^0 + 7^1 + 9^1 + 23^0 + 26^2 = 40 + 71 + 91 + 230 + 262 \\ 694 &:= 4^0 + 8^1 + 8^1 + 23^0 + 26^2 = 40 + 81 + 81 + 230 + 262 \\ 694 &:= 4^1 + 10^0 + 12^1 + 17^0 + 26^2 = 41 + 100 + 121 + 170 + 262 \\ 694 &:= 4^1 + 11^0 + 12^1 + 16^0 + 26^2 = 41 + 110 + 121 + 160 + 262 \\ 694 &:= 4^1 + 12^0 + 12^1 + 15^0 + 26^2 = 41 + 120 + 121 + 150 + 262 \end{aligned}$$

$$\begin{aligned} 694 &:= 4^1 + 12^1 + 13^0 + 14^0 + 26^2 = 41 + 121 + 130 + 140 + 262 \\ 694 &:= 4^1 + 5^0 + 12^1 + 22^0 + 26^2 = 41 + 50 + 121 + 220 + 262 \\ 694 &:= 4^1 + 6^0 + 12^1 + 21^0 + 26^2 = 41 + 60 + 121 + 210 + 262 \\ 694 &:= 4^1 + 7^0 + 12^1 + 20^0 + 26^2 = 41 + 70 + 121 + 200 + 262 \\ 694 &:= 4^1 + 8^0 + 12^1 + 19^0 + 26^2 = 41 + 80 + 121 + 190 + 262 \\ 694 &:= 4^1 + 9^0 + 12^1 + 18^0 + 26^2 = 41 + 90 + 121 + 180 + 262 \\ 694 &:= 5^0 + 5^1 + 11^1 + 22^0 + 26^2 = 50 + 51 + 111 + 220 + 262 \\ 694 &:= 5^0 + 6^1 + 10^1 + 22^0 + 26^2 = 50 + 61 + 101 + 220 + 262 \\ 694 &:= 5^0 + 7^1 + 9^1 + 22^0 + 26^2 = 50 + 71 + 91 + 220 + 262 \\ 694 &:= 5^0 + 8^1 + 8^1 + 22^0 + 26^2 = 50 + 81 + 81 + 220 + 262 \\ 694 &:= 5^1 + 10^0 + 11^1 + 17^0 + 26^2 = 51 + 100 + 111 + 170 + 262 \\ 694 &:= 5^1 + 11^0 + 11^1 + 16^0 + 26^2 = 51 + 110 + 111 + 160 + 262 \\ 694 &:= 5^1 + 11^1 + 12^0 + 15^0 + 26^2 = 51 + 111 + 120 + 150 + 262 \\ 694 &:= 5^1 + 11^1 + 13^0 + 14^0 + 26^2 = 51 + 111 + 130 + 140 + 262 \\ 694 &:= 5^1 + 6^0 + 11^1 + 21^0 + 26^2 = 51 + 60 + 111 + 210 + 262 \\ 694 &:= 5^1 + 7^0 + 11^1 + 20^0 + 26^2 = 51 + 70 + 111 + 200 + 262 \\ 694 &:= 5^1 + 8^0 + 11^1 + 19^0 + 26^2 = 51 + 80 + 111 + 190 + 262 \\ 694 &:= 5^1 + 9^0 + 11^1 + 18^0 + 26^2 = 51 + 90 + 111 + 180 + 262 \\ 694 &:= 6^0 + 6^1 + 10^1 + 21^0 + 26^2 = 60 + 61 + 101 + 210 + 262 \\ 694 &:= 6^0 + 7^1 + 9^1 + 21^0 + 26^2 = 60 + 71 + 91 + 210 + 262 \\ 694 &:= 6^0 + 8^1 + 8^1 + 21^0 + 26^2 = 60 + 81 + 81 + 210 + 262 \\ 694 &:= 6^1 + 10^0 + 10^1 + 17^0 + 26^2 = 61 + 100 + 101 + 170 + 262 \\ 694 &:= 6^1 + 10^1 + 11^0 + 16^0 + 26^2 = 61 + 101 + 110 + 160 + 262 \\ 694 &:= 6^1 + 10^1 + 12^0 + 15^0 + 26^2 = 61 + 101 + 120 + 150 + 262 \\ 694 &:= 6^1 + 10^1 + 13^0 + 14^0 + 26^2 = 61 + 101 + 130 + 140 + 262 \\ 694 &:= 6^1 + 7^0 + 10^1 + 20^0 + 26^2 = 61 + 70 + 101 + 200 + 262 \\ 694 &:= 6^1 + 8^0 + 10^1 + 19^0 + 26^2 = 61 + 80 + 101 + 190 + 262 \\ 694 &:= 6^1 + 9^0 + 10^1 + 18^0 + 26^2 = 61 + 90 + 101 + 180 + 262 \\ 694 &:= 7^0 + 7^1 + 9^1 + 20^0 + 26^2 = 70 + 71 + 91 + 200 + 262 \\ 694 &:= 7^0 + 8^1 + 8^1 + 20^0 + 26^2 = 70 + 81 + 81 + 200 + 262 \\ 694 &:= 7^1 + 8^0 + 9^1 + 19^0 + 26^2 = 71 + 80 + 91 + 190 + 262 \\ 694 &:= 7^1 + 9^0 + 9^1 + 18^0 + 26^2 = 71 + 90 + 91 + 180 + 262 \\ 694 &:= 7^1 + 9^1 + 10^0 + 17^0 + 26^2 = 71 + 91 + 100 + 170 + 262 \\ 694 &:= 7^1 + 9^1 + 11^0 + 16^0 + 26^2 = 71 + 91 + 110 + 160 + 262 \\ 694 &:= 7^1 + 9^1 + 12^0 + 15^0 + 26^2 = 71 + 91 + 120 + 150 + 262 \\ 694 &:= 7^1 + 9^1 + 13^0 + 14^0 + 26^2 = 71 + 91 + 130 + 140 + 262 \\ 694 &:= 8^0 + 8^1 + 8^1 + 19^0 + 26^2 = 80 + 81 + 81 + 190 + 262 \\ 694 &:= 8^1 + 8^1 + 10^0 + 17^0 + 26^2 = 81 + 81 + 100 + 170 + 262 \end{aligned}$$

$$694 := 8^1 + 8^1 + 11^0 + 16^0 + 26^2 = 81 + 81 + 110 + 160 + 262$$

$$694 := 8^1 + 8^1 + 12^0 + 15^0 + 26^2 = 81 + 81 + 120 + 150 + 262$$

$$694 := 8^1 + 8^1 + 13^0 + 14^0 + 26^2 = 81 + 81 + 130 + 140 + 262$$

$$694 := 8^1 + 8^1 + 9^0 + 18^0 + 26^2 = 81 + 81 + 90 + 180 + 262$$

2.2.596 Number 695

$$695 := 1^2 + 17^1 + 25^0 + 26^2 = 12 + 171 + 250 + 262$$

$$695 := 10^2 + 17^0 + 18^1 + 24^2 = 102 + 170 + 181 + 242$$

$$695 := 12^2 + 13^0 + 21^1 + 23^2 = 122 + 130 + 211 + 232$$

$$695 := 14^1 + 14^2 + 19^0 + 22^2 = 141 + 142 + 190 + 222$$

$$695 := 2^1 + 4^2 + 26^2 + 37^0 = 21 + 42 + 262 + 370$$

$$695 := 2^2 + 14^1 + 26^2 + 27^0 = 22 + 141 + 262 + 270$$

$$695 := 3^2 + 9^1 + 26^2 + 31^0 = 32 + 91 + 262 + 310$$

$$695 := 5^0 + 15^2 + 21^2 + 28^1 = 50 + 152 + 212 + 281$$

$$695 := 5^0 + 6^2 + 25^2 + 33^1 = 50 + 62 + 252 + 331$$

$$695 := 5^1 + 17^2 + 20^2 + 27^0 = 51 + 172 + 202 + 270$$

$$695 := 5^1 + 8^2 + 25^2 + 31^0 = 51 + 82 + 252 + 310$$

$$695 := 7^2 + 17^0 + 20^1 + 25^2 = 72 + 170 + 201 + 252$$

$$695 := 9^1 + 18^2 + 19^2 + 23^0 = 91 + 182 + 192 + 230$$

$$695 := 1^0 + 1^2 + 16^1 + 25^0 + 26^2 = 10 + 12 + 161 + 250 + 262$$

$$695 := 1^0 + 10^2 + 17^0 + 17^1 + 24^2 = 10 + 102 + 170 + 171 + 242$$

$$695 := 1^0 + 12^2 + 13^0 + 20^1 + 23^2 = 10 + 122 + 130 + 201 + 232$$

$$695 := 1^0 + 13^1 + 14^2 + 19^0 + 22^2 = 10 + 131 + 142 + 190 + 222$$

$$695 := 1^0 + 2^2 + 13^1 + 26^2 + 27^0 = 10 + 22 + 131 + 262 + 270$$

$$695 := 1^0 + 4^1 + 17^2 + 20^2 + 27^0 = 10 + 41 + 172 + 202 + 270$$

$$695 := 1^0 + 5^0 + 15^2 + 21^2 + 27^1 = 10 + 50 + 152 + 212 + 271$$

$$695 := 1^0 + 7^2 + 17^0 + 19^1 + 25^2 = 10 + 72 + 170 + 191 + 252$$

$$695 := 1^0 + 8^1 + 18^2 + 19^2 + 23^0 = 10 + 81 + 182 + 192 + 230$$

$$695 := 1^1 + 1^1 + 16^1 + 25^0 + 26^2 = 11 + 11 + 161 + 250 + 262$$

$$695 := 1^1 + 2^1 + 15^1 + 25^0 + 26^2 = 11 + 21 + 151 + 250 + 262$$

$$695 := 1^1 + 3^1 + 14^1 + 25^0 + 26^2 = 11 + 31 + 141 + 250 + 262$$

$$695 := 1^1 + 4^1 + 13^1 + 25^0 + 26^2 = 11 + 41 + 131 + 250 + 262$$

$$695 := 1^1 + 4^2 + 11^0 + 26^2 + 27^0 = 11 + 42 + 110 + 262 + 270$$

$$695 := 1^1 + 4^2 + 12^0 + 26^0 + 26^2 = 11 + 42 + 120 + 260 + 262$$

$$695 := 1^1 + 4^2 + 13^0 + 25^0 + 26^2 = 11 + 42 + 130 + 250 + 262$$

$$695 := 1^1 + 4^2 + 14^0 + 24^0 + 26^2 = 11 + 42 + 140 + 240 + 262$$

$$695 := 1^1 + 4^2 + 15^0 + 23^0 + 26^2 = 11 + 42 + 150 + 230 + 262$$

$$695 := 1^1 + 4^2 + 16^0 + 22^0 + 26^2 = 11 + 42 + 160 + 220 + 262$$

$$695 := 1^1 + 4^2 + 17^0 + 21^0 + 26^2 = 11 + 42 + 170 + 210 + 262$$

$$695 := 1^1 + 4^2 + 18^0 + 20^0 + 26^2 = 11 + 42 + 180 + 200 + 262$$

$$695 := 1^1 + 4^2 + 19^0 + 19^0 + 26^2 = 11 + 42 + 190 + 190 + 262$$

$$695 := 1^1 + 5^1 + 12^1 + 25^0 + 26^2 = 11 + 51 + 121 + 250 + 262$$

$$695 := 1^1 + 6^1 + 11^1 + 25^0 + 26^2 = 11 + 61 + 111 + 250 + 262$$

$$695 := 1^1 + 7^1 + 10^1 + 25^0 + 26^2 = 11 + 71 + 101 + 250 + 262$$

$$695 := 1^1 + 8^1 + 9^1 + 25^0 + 26^2 = 11 + 81 + 91 + 250 + 262$$

$$695 := 1^2 + 10^0 + 16^0 + 16^1 + 26^2 = 12 + 100 + 160 + 161 + 262$$

$$695 := 1^2 + 11^0 + 15^0 + 16^1 + 26^2 = 12 + 110 + 150 + 161 + 262$$

$$695 := 1^2 + 12^0 + 14^0 + 16^1 + 26^2 = 12 + 120 + 140 + 161 + 262$$

$$695 := 1^2 + 13^0 + 13^0 + 16^1 + 26^2 = 12 + 130 + 130 + 161 + 262$$

$$695 := 1^2 + 2^0 + 16^1 + 24^0 + 26^2 = 12 + 20 + 161 + 240 + 262$$

$$695 := 1^2 + 3^0 + 16^1 + 23^0 + 26^2 = 12 + 30 + 161 + 230 + 262$$

$$695 := 1^2 + 4^0 + 16^1 + 22^0 + 26^2 = 12 + 40 + 161 + 220 + 262$$

$$695 := 1^2 + 5^0 + 16^1 + 21^0 + 26^2 = 12 + 50 + 161 + 210 + 262$$

$$695 := 1^2 + 6^0 + 16^1 + 20^0 + 26^2 = 12 + 60 + 161 + 200 + 262$$

$$695 := 1^2 + 7^0 + 16^1 + 19^0 + 26^2 = 12 + 70 + 161 + 190 + 262$$

$$695 := 1^2 + 8^0 + 16^1 + 18^0 + 26^2 = 12 + 80 + 161 + 180 + 262$$

$$695 := 1^2 + 9^0 + 16^1 + 17^0 + 26^2 = 12 + 90 + 161 + 170 + 262$$

$$695 := 1^3 + 1^9 + 16^1 + 24^0 + 26^2 = 13 + 19 + 161 + 240 + 262$$

$$695 := 1^4 + 1^8 + 16^1 + 24^0 + 26^2 = 14 + 18 + 161 + 240 + 262$$

$$695 := 1^5 + 1^7 + 16^1 + 24^0 + 26^2 = 15 + 17 + 161 + 240 + 262$$

$$695 := 1^6 + 1^6 + 16^1 + 24^0 + 26^2 = 16 + 16 + 161 + 240 + 262$$

$$695 := 1^9 + 12^2 + 15^2 + 18^2 + 22^0 = 19 + 122 + 152 + 182 + 220$$

$$695 := 1^9 + 2^4 + 12^0 + 26^2 + 27^0 = 19 + 24 + 120 + 262 + 270$$

$$695 := 1^9 + 2^4 + 13^0 + 26^0 + 26^2 = 19 + 24 + 130 + 260 + 262$$

$$695 := 1^9 + 2^4 + 14^0 + 25^0 + 26^2 = 19 + 24 + 140 + 250 + 262$$

$$695 := 1^9 + 2^4 + 15^0 + 24^0 + 26^2 = 19 + 24 + 150 + 240 + 262$$

$$695 := 1^9 + 2^4 + 16^0 + 23^0 + 26^2 = 19 + 24 + 160 + 230 + 262$$

$$695 := 1^9 + 2^4 + 17^0 + 22^0 + 26^2 = 19 + 24 + 170 + 220 + 262$$

$$695 := 1^9 + 2^4 + 18^0 + 21^0 + 26^2 = 19 + 24 + 180 + 210 + 262$$

$$695 := 1^9 + 2^4 + 19^0 + 20^0 + 26^2 = 19 + 24 + 190 + 200 + 262$$

$$695 := 1^9 + 7^3 + 16^0 + 18^2 + 26^1 = 19 + 73 + 160 + 182 + 261$$

$$695 := 1^9 + 8^2 + 10^2 + 23^2 + 26^0 = 19 + 82 + 102 + 232 + 260$$

$$\begin{aligned} 695 &:= 10^0 + 10^0 + 13^1 + 14^2 + 22^2 = 100 + 100 + 131 + 142 + 222 & 695 &:= 3^1 + 4^1 + 11^1 + 25^0 + 26^2 = 31 + 41 + 111 + 250 + 262 \\ 695 &:= 2^0 + 10^2 + 16^0 + 17^1 + 24^2 = 20 + 102 + 160 + 171 + 242 & 695 &:= 3^1 + 5^1 + 10^1 + 25^0 + 26^2 = 31 + 51 + 101 + 250 + 262 \\ 695 &:= 2^0 + 12^0 + 12^2 + 20^1 + 23^2 = 20 + 120 + 122 + 201 + 232 & 695 &:= 3^1 + 6^1 + 9^1 + 25^0 + 26^2 = 31 + 61 + 91 + 250 + 262 \\ 695 &:= 2^0 + 13^1 + 14^2 + 18^0 + 22^2 = 20 + 131 + 142 + 180 + 222 & 695 &:= 3^1 + 7^1 + 8^1 + 25^0 + 26^2 = 31 + 71 + 81 + 250 + 262 \\ 695 &:= 2^0 + 2^2 + 13^1 + 26^0 + 26^2 = 20 + 22 + 131 + 260 + 262 & 695 &:= 3^2 + 5^0 + 8^1 + 26^2 + 27^0 = 32 + 50 + 81 + 262 + 270 \\ 695 &:= 2^0 + 4^0 + 15^2 + 21^2 + 27^1 = 20 + 40 + 152 + 212 + 271 & 695 &:= 3^2 + 6^0 + 8^1 + 26^0 + 26^2 = 32 + 60 + 81 + 260 + 262 \\ 695 &:= 2^0 + 4^1 + 17^2 + 20^2 + 26^0 = 20 + 41 + 172 + 202 + 260 & 695 &:= 3^2 + 7^0 + 8^1 + 25^0 + 26^2 = 32 + 70 + 81 + 250 + 262 \\ 695 &:= 2^0 + 7^2 + 16^0 + 19^1 + 25^2 = 20 + 72 + 160 + 191 + 252 & 695 &:= 3^2 + 8^0 + 8^1 + 24^0 + 26^2 = 32 + 80 + 81 + 240 + 262 \\ 695 &:= 2^0 + 8^1 + 18^2 + 19^2 + 22^0 = 20 + 81 + 182 + 192 + 220 & 695 &:= 3^2 + 8^1 + 10^0 + 22^0 + 26^2 = 32 + 81 + 100 + 220 + 262 \\ 695 &:= 2^1 + 2^1 + 14^1 + 25^0 + 26^2 = 21 + 21 + 141 + 250 + 262 & 695 &:= 3^2 + 8^1 + 11^0 + 21^0 + 26^2 = 32 + 81 + 110 + 210 + 262 \\ 695 &:= 2^1 + 3^1 + 13^1 + 25^0 + 26^2 = 21 + 31 + 131 + 250 + 262 & 695 &:= 3^2 + 8^1 + 12^0 + 20^0 + 26^2 = 32 + 81 + 120 + 200 + 262 \\ 695 &:= 2^1 + 4^1 + 12^1 + 25^0 + 26^2 = 21 + 41 + 121 + 250 + 262 & 695 &:= 3^2 + 8^1 + 13^0 + 19^0 + 26^2 = 32 + 81 + 130 + 190 + 262 \\ 695 &:= 2^1 + 5^1 + 11^1 + 25^0 + 26^2 = 21 + 51 + 111 + 250 + 262 & 695 &:= 3^2 + 8^1 + 14^0 + 18^0 + 26^2 = 32 + 81 + 140 + 180 + 262 \\ 695 &:= 2^1 + 6^1 + 10^1 + 25^0 + 26^2 = 21 + 61 + 101 + 250 + 262 & 695 &:= 3^2 + 8^1 + 15^0 + 17^0 + 26^2 = 32 + 81 + 150 + 170 + 262 \\ 695 &:= 2^1 + 7^1 + 9^1 + 25^0 + 26^2 = 21 + 71 + 91 + 250 + 262 & 695 &:= 3^2 + 8^1 + 16^0 + 16^0 + 26^2 = 32 + 81 + 160 + 160 + 262 \\ 695 &:= 2^1 + 8^1 + 8^1 + 25^0 + 26^2 = 21 + 81 + 81 + 250 + 262 & 695 &:= 3^2 + 8^1 + 9^0 + 23^0 + 26^2 = 32 + 81 + 90 + 230 + 262 \\ 695 &:= 2^2 + 10^0 + 13^1 + 18^0 + 26^2 = 22 + 100 + 131 + 180 + 262 & 695 &:= 4^0 + 10^0 + 12^2 + 20^1 + 23^2 = 40 + 100 + 122 + 201 + 232 \\ 695 &:= 2^2 + 11^0 + 13^1 + 17^0 + 26^2 = 22 + 110 + 131 + 170 + 262 & 695 &:= 4^0 + 10^2 + 14^0 + 17^1 + 24^2 = 40 + 102 + 140 + 171 + 242 \\ 695 &:= 2^2 + 12^0 + 13^1 + 16^0 + 26^2 = 22 + 120 + 131 + 160 + 262 & 695 &:= 4^0 + 13^1 + 14^2 + 16^0 + 22^2 = 40 + 131 + 142 + 160 + 222 \\ 695 &:= 2^2 + 13^0 + 13^1 + 15^0 + 26^2 = 22 + 130 + 131 + 150 + 262 & 695 &:= 4^0 + 4^1 + 17^2 + 20^2 + 24^0 = 40 + 41 + 172 + 202 + 240 \\ 695 &:= 2^2 + 13^1 + 14^0 + 14^0 + 26^2 = 22 + 131 + 140 + 140 + 262 & 695 &:= 4^0 + 7^2 + 14^0 + 19^1 + 25^2 = 40 + 72 + 140 + 191 + 252 \\ 695 &:= 2^2 + 3^0 + 13^1 + 25^0 + 26^2 = 22 + 30 + 131 + 250 + 262 & 695 &:= 4^0 + 8^1 + 18^2 + 19^2 + 20^0 = 40 + 81 + 182 + 192 + 200 \\ 695 &:= 2^2 + 4^0 + 13^1 + 24^0 + 26^2 = 22 + 40 + 131 + 240 + 262 & 695 &:= 4^1 + 10^0 + 17^2 + 18^0 + 20^2 = 41 + 100 + 172 + 180 + 202 \\ 695 &:= 2^2 + 5^0 + 13^1 + 23^0 + 26^2 = 22 + 50 + 131 + 230 + 262 & 695 &:= 4^1 + 11^0 + 17^0 + 17^2 + 20^2 = 41 + 110 + 170 + 172 + 202 \\ 695 &:= 2^2 + 6^0 + 13^1 + 22^0 + 26^2 = 22 + 60 + 131 + 220 + 262 & 695 &:= 4^1 + 12^0 + 16^0 + 17^2 + 20^2 = 41 + 120 + 160 + 172 + 202 \\ 695 &:= 2^2 + 7^0 + 13^1 + 21^0 + 26^2 = 22 + 70 + 131 + 210 + 262 & 695 &:= 4^1 + 13^0 + 15^0 + 17^2 + 20^2 = 41 + 130 + 150 + 172 + 202 \\ 695 &:= 2^2 + 8^0 + 13^1 + 20^0 + 26^2 = 22 + 80 + 131 + 200 + 262 & 695 &:= 4^1 + 14^0 + 14^0 + 17^2 + 20^2 = 41 + 140 + 140 + 172 + 202 \\ 695 &:= 2^2 + 9^0 + 13^1 + 19^0 + 26^2 = 22 + 90 + 131 + 190 + 262 & 695 &:= 4^1 + 4^1 + 10^1 + 25^0 + 26^2 = 41 + 41 + 101 + 250 + 262 \\ 695 &:= 2^4 + 2^8 + 20^2 + 22^0 + 22^1 = 24 + 28 + 202 + 220 + 221 & 695 &:= 4^1 + 5^0 + 17^2 + 20^2 + 23^0 = 41 + 50 + 172 + 202 + 230 \\ 695 &:= 2^9 + 3^4 + 10^2 + 26^0 + 27^0 = 29 + 34 + 102 + 260 + 270 & 695 &:= 4^1 + 5^0 + 8^2 + 25^2 + 27^0 = 41 + 50 + 82 + 252 + 270 \\ 695 &:= 3^0 + 10^2 + 15^0 + 17^1 + 24^2 = 30 + 102 + 150 + 171 + 242 & 695 &:= 4^1 + 5^1 + 9^1 + 25^0 + 26^2 = 41 + 51 + 91 + 250 + 262 \\ 695 &:= 3^0 + 11^0 + 12^2 + 20^1 + 23^2 = 30 + 110 + 122 + 201 + 232 & 695 &:= 4^1 + 6^0 + 17^2 + 20^2 + 22^0 = 41 + 60 + 172 + 202 + 220 \\ 695 &:= 3^0 + 13^1 + 14^2 + 17^0 + 22^2 = 30 + 131 + 142 + 170 + 222 & 695 &:= 4^1 + 6^0 + 8^2 + 25^2 + 26^0 = 41 + 60 + 82 + 252 + 260 \\ 695 &:= 3^0 + 3^0 + 15^2 + 21^2 + 27^1 = 30 + 30 + 152 + 212 + 271 & 695 &:= 4^1 + 6^1 + 8^1 + 25^0 + 26^2 = 41 + 61 + 81 + 250 + 262 \\ 695 &:= 3^0 + 4^1 + 17^2 + 20^2 + 25^0 = 30 + 41 + 172 + 202 + 250 & 695 &:= 4^1 + 7^0 + 17^2 + 20^2 + 21^0 = 41 + 70 + 172 + 202 + 210 \\ 695 &:= 3^0 + 7^2 + 15^0 + 19^1 + 25^2 = 30 + 72 + 150 + 191 + 252 & 695 &:= 4^1 + 7^0 + 8^2 + 25^0 + 25^2 = 41 + 70 + 82 + 250 + 252 \\ 695 &:= 3^0 + 8^1 + 18^2 + 19^2 + 21^0 = 30 + 81 + 182 + 192 + 210 & 695 &:= 4^1 + 7^1 + 7^1 + 25^0 + 26^2 = 41 + 71 + 71 + 250 + 262 \\ 695 &:= 3^1 + 3^1 + 12^1 + 25^0 + 26^2 = 31 + 31 + 121 + 250 + 262 & 695 &:= 4^1 + 8^0 + 17^2 + 20^0 + 20^2 = 41 + 80 + 172 + 200 + 202 \end{aligned}$$

$695 := 4^1 + 8^0 + 8^2 + 24^0 + 25^2 = 41 + 80 + 82 + 240 + 252$	$695 := 6^0 + 8^0 + 12^2 + 20^1 + 23^2 = 60 + 80 + 122 + 201 + 232$
$695 := 4^1 + 8^2 + 10^0 + 22^0 + 25^2 = 41 + 82 + 100 + 220 + 252$	$695 := 6^0 + 8^1 + 18^0 + 18^2 + 19^2 = 60 + 81 + 180 + 182 + 192$
$695 := 4^1 + 8^2 + 11^0 + 21^0 + 25^2 = 41 + 82 + 110 + 210 + 252$	$695 := 6^1 + 6^1 + 6^1 + 25^0 + 26^2 = 61 + 61 + 61 + 250 + 262$
$695 := 4^1 + 8^2 + 12^0 + 20^0 + 25^2 = 41 + 82 + 120 + 200 + 252$	$695 := 7^0 + 10^2 + 11^0 + 17^1 + 24^2 = 70 + 102 + 110 + 171 + 242$
$695 := 4^1 + 8^2 + 13^0 + 19^0 + 25^2 = 41 + 82 + 130 + 190 + 252$	$695 := 7^0 + 13^0 + 13^1 + 14^2 + 22^2 = 70 + 130 + 131 + 142 + 222$
$695 := 4^1 + 8^2 + 14^0 + 18^0 + 25^2 = 41 + 82 + 140 + 180 + 252$	$695 := 7^0 + 7^0 + 12^2 + 20^1 + 23^2 = 70 + 70 + 122 + 201 + 232$
$695 := 4^1 + 8^2 + 15^0 + 17^0 + 25^2 = 41 + 82 + 150 + 170 + 252$	$695 := 7^0 + 7^2 + 11^0 + 19^1 + 25^2 = 70 + 72 + 110 + 191 + 252$
$695 := 4^1 + 8^2 + 16^0 + 16^0 + 25^2 = 41 + 82 + 160 + 160 + 252$	$695 := 7^0 + 8^1 + 17^0 + 18^2 + 19^2 = 70 + 81 + 170 + 182 + 192$
$695 := 4^1 + 8^2 + 9^0 + 23^0 + 25^2 = 41 + 82 + 90 + 230 + 252$	$695 := 7^2 + 8^0 + 10^0 + 19^1 + 25^2 = 72 + 80 + 100 + 191 + 252$
$695 := 4^1 + 9^0 + 17^2 + 19^0 + 20^2 = 41 + 90 + 172 + 190 + 202$	$695 := 7^2 + 9^0 + 9^0 + 19^1 + 25^2 = 72 + 90 + 90 + 191 + 252$
$695 := 5^0 + 10^2 + 13^0 + 17^1 + 24^2 = 50 + 102 + 130 + 171 + 242$	$695 := 8^0 + 10^0 + 10^2 + 17^1 + 24^2 = 80 + 100 + 102 + 171 + 242$
$695 := 5^0 + 13^1 + 14^2 + 15^0 + 22^2 = 50 + 131 + 142 + 150 + 222$	$695 := 8^0 + 12^0 + 13^1 + 14^2 + 22^2 = 80 + 120 + 131 + 142 + 222$
$695 := 5^0 + 7^2 + 13^0 + 19^1 + 25^2 = 50 + 72 + 130 + 191 + 252$	$695 := 8^0 + 8^1 + 16^0 + 18^2 + 19^2 = 80 + 81 + 160 + 182 + 192$
$695 := 5^0 + 8^1 + 18^2 + 19^0 + 19^2 = 50 + 81 + 182 + 190 + 192$	$695 := 8^1 + 10^0 + 14^0 + 18^2 + 19^2 = 81 + 100 + 140 + 182 + 192$
$695 := 5^0 + 9^0 + 12^2 + 20^1 + 23^2 = 50 + 90 + 122 + 201 + 232$	$695 := 8^1 + 11^0 + 13^0 + 18^2 + 19^2 = 81 + 110 + 130 + 182 + 192$
$695 := 5^1 + 5^1 + 8^1 + 25^0 + 26^2 = 51 + 51 + 81 + 250 + 262$	$695 := 8^1 + 12^0 + 12^0 + 18^2 + 19^2 = 81 + 120 + 120 + 182 + 192$
$695 := 5^1 + 6^1 + 7^1 + 25^0 + 26^2 = 51 + 61 + 71 + 250 + 262$	$695 := 8^1 + 9^0 + 15^0 + 18^2 + 19^2 = 81 + 90 + 150 + 182 + 192$
$695 := 6^0 + 10^2 + 12^0 + 17^1 + 24^2 = 60 + 102 + 120 + 171 + 242$	$695 := 9^0 + 11^0 + 13^1 + 14^2 + 22^2 = 90 + 110 + 131 + 142 + 222$
$695 := 6^0 + 13^1 + 14^0 + 14^2 + 22^2 = 60 + 131 + 140 + 142 + 222$	$695 := 9^0 + 9^0 + 10^2 + 17^1 + 24^2 = 90 + 90 + 102 + 171 + 242$
$695 := 6^0 + 7^2 + 12^0 + 19^1 + 25^2 = 60 + 72 + 120 + 191 + 252$	

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$696 := 1^3 + 18^1 + 24^0 + 26^2 = 13 + 181 + 240 + 262$	$696 := 1^1 + 2^2 + 14^1 + 26^0 + 26^2 = 11 + 22 + 141 + 260 + 262$
$696 := 2^3 + 11^1 + 26^2 + 30^0 = 23 + 111 + 262 + 300$	$696 := 1^1 + 5^1 + 17^2 + 20^2 + 26^0 = 11 + 51 + 172 + 202 + 260$
$696 := 2^6 + 2^6 + 8^3 + 56^1 = 26 + 26 + 83 + 561$	$696 := 1^1 + 7^2 + 16^0 + 20^1 + 25^2 = 11 + 72 + 160 + 201 + 252$
$696 := 4^0 + 6^3 + 21^2 + 38^1 = 40 + 63 + 212 + 381$	$696 := 1^1 + 9^1 + 18^2 + 19^2 + 22^0 = 11 + 91 + 182 + 192 + 220$
$696 := 4^3 + 6^1 + 25^2 + 34^0 = 43 + 61 + 252 + 340$	$696 := 1^2 + 2^1 + 16^1 + 24^0 + 26^2 = 12 + 21 + 161 + 240 + 262$
$696 := 7^3 + 16^0 + 18^2 + 28^1 = 73 + 160 + 182 + 281$	$696 := 1^2 + 3^1 + 15^1 + 24^0 + 26^2 = 12 + 31 + 151 + 240 + 262$
$696 := 8^3 + 10^0 + 12^2 + 39^1 = 83 + 100 + 122 + 391$	$696 := 1^2 + 4^1 + 14^1 + 24^0 + 26^2 = 12 + 41 + 141 + 240 + 262$
$696 := 8^3 + 13^2 + 14^1 + 34^0 = 83 + 132 + 141 + 340$	$696 := 1^2 + 5^1 + 13^1 + 24^0 + 26^2 = 12 + 51 + 131 + 240 + 262$
$696 := 1^0 + 1^3 + 17^1 + 24^0 + 26^2 = 10 + 13 + 171 + 240 + 262$	$696 := 1^2 + 6^1 + 12^1 + 24^0 + 26^2 = 12 + 61 + 121 + 240 + 262$
$696 := 1^0 + 7^3 + 16^0 + 18^2 + 27^1 = 10 + 73 + 160 + 182 + 271$	$696 := 1^2 + 7^1 + 11^1 + 24^0 + 26^2 = 12 + 71 + 111 + 240 + 262$
$696 := 1^0 + 9^2 + 17^2 + 18^2 + 24^0 = 10 + 92 + 172 + 182 + 240$	$696 := 1^2 + 8^1 + 10^1 + 24^0 + 26^2 = 12 + 81 + 101 + 240 + 262$
$696 := 1^1 + 1^2 + 17^1 + 24^0 + 26^2 = 11 + 12 + 171 + 240 + 262$	$696 := 1^2 + 9^1 + 9^1 + 24^0 + 26^2 = 12 + 91 + 91 + 240 + 262$
$696 := 1^1 + 10^2 + 16^0 + 18^1 + 24^2 = 11 + 102 + 160 + 181 + 242$	$696 := 1^3 + 10^0 + 15^0 + 17^1 + 26^2 = 13 + 100 + 150 + 171 + 262$
$696 := 1^1 + 12^0 + 12^2 + 21^1 + 23^2 = 11 + 120 + 122 + 211 + 232$	$696 := 1^3 + 11^0 + 14^0 + 17^1 + 26^2 = 13 + 110 + 140 + 171 + 262$
$696 := 1^1 + 14^1 + 14^2 + 18^0 + 22^2 = 11 + 141 + 142 + 180 + 222$	$696 := 1^3 + 12^0 + 13^0 + 17^1 + 26^2 = 13 + 120 + 130 + 171 + 262$

$$\begin{aligned}
 696 &:= 1^3 + 2^0 + 17^1 + 23^0 + 26^2 = 13 + 20 + 171 + 230 + 262 & 696 &:= 2^3 + 6^0 + 10^1 + 25^0 + 26^2 = 23 + 60 + 101 + 250 + 262 \\
 696 &:= 1^3 + 3^0 + 17^1 + 22^0 + 26^2 = 13 + 30 + 171 + 220 + 262 & 696 &:= 2^3 + 7^0 + 10^1 + 24^0 + 26^2 = 23 + 70 + 101 + 240 + 262 \\
 696 &:= 1^3 + 4^0 + 17^1 + 21^0 + 26^2 = 13 + 40 + 171 + 210 + 262 & 696 &:= 2^3 + 8^0 + 10^1 + 23^0 + 26^2 = 23 + 80 + 101 + 230 + 262 \\
 696 &:= 1^3 + 5^0 + 17^1 + 20^0 + 26^2 = 13 + 50 + 171 + 200 + 262 & 696 &:= 2^3 + 9^0 + 10^1 + 22^0 + 26^2 = 23 + 90 + 101 + 220 + 262 \\
 696 &:= 1^3 + 6^0 + 17^1 + 19^0 + 26^2 = 13 + 60 + 171 + 190 + 262 & 696 &:= 2^6 + 2^7 + 19^1 + 22^2 + 23^0 = 26 + 27 + 191 + 222 + 230 \\
 696 &:= 1^3 + 7^0 + 17^1 + 18^0 + 26^2 = 13 + 70 + 171 + 180 + 262 & 696 &:= 2^8 + 3^5 + 13^2 + 23^0 + 27^1 = 28 + 35 + 132 + 230 + 271 \\
 696 &:= 1^3 + 8^0 + 17^0 + 17^1 + 26^2 = 13 + 80 + 170 + 171 + 262 & 696 &:= 3^0 + 3^2 + 18^2 + 19^2 + 26^0 = 30 + 32 + 182 + 192 + 260 \\
 696 &:= 1^3 + 9^0 + 16^0 + 17^1 + 26^2 = 13 + 90 + 160 + 171 + 262 & 696 &:= 3^0 + 7^3 + 14^0 + 18^2 + 27^1 = 30 + 73 + 140 + 182 + 271 \\
 696 &:= 1^4 + 1^9 + 17^1 + 23^0 + 26^2 = 14 + 19 + 171 + 230 + 262 & 696 &:= 3^0 + 9^2 + 17^2 + 18^2 + 22^0 = 30 + 92 + 172 + 182 + 220 \\
 696 &:= 1^5 + 1^8 + 17^1 + 23^0 + 26^2 = 15 + 18 + 171 + 230 + 262 & 696 &:= 3^1 + 10^2 + 16^0 + 16^1 + 24^2 = 31 + 102 + 160 + 161 + 242 \\
 696 &:= 1^6 + 1^7 + 17^1 + 23^0 + 26^2 = 16 + 17 + 171 + 230 + 262 & 696 &:= 3^1 + 12^0 + 12^2 + 19^1 + 23^2 = 31 + 120 + 122 + 191 + 232 \\
 696 &:= 1^9 + 8^2 + 11^2 + 22^2 + 26^1 = 19 + 82 + 112 + 222 + 261 & 696 &:= 3^1 + 12^1 + 14^2 + 18^0 + 22^2 = 31 + 121 + 142 + 180 + 222 \\
 696 &:= 10^1 + 12^0 + 12^1 + 12^2 + 23^2 = 101 + 120 + 121 + 122 + 232 & 696 &:= 3^1 + 3^1 + 17^2 + 20^2 + 26^0 = 31 + 31 + 172 + 202 + 260 \\
 696 &:= 11^1 + 11^1 + 12^0 + 12^2 + 23^2 = 111 + 111 + 120 + 122 + 232 & 696 &:= 3^1 + 4^0 + 15^2 + 21^2 + 26^1 = 31 + 40 + 152 + 212 + 261 \\
 696 &:= 2^0 + 3^2 + 18^2 + 19^2 + 27^0 = 20 + 32 + 182 + 192 + 270 & 696 &:= 3^1 + 7^1 + 18^2 + 19^2 + 22^0 = 31 + 71 + 182 + 192 + 220 \\
 696 &:= 2^0 + 7^3 + 15^0 + 18^2 + 27^1 = 20 + 73 + 150 + 182 + 271 & 696 &:= 3^1 + 7^2 + 16^0 + 18^1 + 25^2 = 31 + 72 + 160 + 181 + 252 \\
 696 &:= 2^0 + 9^2 + 17^2 + 18^2 + 23^0 = 20 + 92 + 172 + 182 + 230 & 696 &:= 3^2 + 10^0 + 18^2 + 19^0 + 19^2 = 32 + 100 + 182 + 190 + 192 \\
 696 &:= 2^1 + 10^2 + 16^0 + 17^1 + 24^2 = 21 + 102 + 160 + 171 + 242 & 696 &:= 3^2 + 11^0 + 18^0 + 18^2 + 19^2 = 32 + 110 + 180 + 182 + 192 \\
 696 &:= 2^1 + 12^0 + 12^2 + 20^1 + 23^2 = 21 + 120 + 122 + 201 + 232 & 696 &:= 3^2 + 12^0 + 17^0 + 18^2 + 19^2 = 32 + 120 + 170 + 182 + 192 \\
 696 &:= 2^1 + 13^1 + 14^2 + 18^0 + 22^2 = 21 + 131 + 142 + 180 + 222 & 696 &:= 3^2 + 13^0 + 16^0 + 18^2 + 19^2 = 32 + 130 + 160 + 182 + 192 \\
 696 &:= 2^1 + 2^2 + 13^1 + 26^0 + 26^2 = 21 + 22 + 131 + 260 + 262 & 696 &:= 3^2 + 14^0 + 15^0 + 18^2 + 19^2 = 32 + 140 + 150 + 182 + 192 \\
 696 &:= 2^1 + 4^0 + 15^2 + 21^2 + 27^1 = 21 + 40 + 152 + 212 + 271 & 696 &:= 3^2 + 3^2 + 10^0 + 26^2 + 27^0 = 32 + 32 + 100 + 262 + 270 \\
 696 &:= 2^1 + 4^1 + 17^2 + 20^2 + 26^0 = 21 + 41 + 172 + 202 + 260 & 696 &:= 3^2 + 3^2 + 11^0 + 26^0 + 26^2 = 32 + 32 + 110 + 260 + 262 \\
 696 &:= 2^1 + 7^2 + 16^0 + 19^1 + 25^2 = 21 + 72 + 160 + 191 + 252 & 696 &:= 3^2 + 3^2 + 12^0 + 25^0 + 26^2 = 32 + 32 + 120 + 250 + 262 \\
 696 &:= 2^1 + 8^1 + 18^2 + 19^2 + 22^0 = 21 + 81 + 182 + 192 + 220 & 696 &:= 3^2 + 3^2 + 13^0 + 24^0 + 26^2 = 32 + 32 + 130 + 240 + 262 \\
 696 &:= 2^2 + 3^1 + 12^1 + 26^0 + 26^2 = 22 + 31 + 121 + 260 + 262 & 696 &:= 3^2 + 3^2 + 14^0 + 23^0 + 26^2 = 32 + 32 + 140 + 230 + 262 \\
 696 &:= 2^2 + 4^1 + 11^1 + 26^0 + 26^2 = 22 + 41 + 111 + 260 + 262 & 696 &:= 3^2 + 3^2 + 15^0 + 22^0 + 26^2 = 32 + 32 + 150 + 220 + 262 \\
 696 &:= 2^2 + 5^1 + 10^1 + 26^0 + 26^2 = 22 + 51 + 101 + 260 + 262 & 696 &:= 3^2 + 3^2 + 16^0 + 21^0 + 26^2 = 32 + 32 + 160 + 210 + 262 \\
 696 &:= 2^2 + 6^1 + 9^1 + 26^0 + 26^2 = 22 + 61 + 91 + 260 + 262 & 696 &:= 3^2 + 3^2 + 17^0 + 20^0 + 26^2 = 32 + 32 + 170 + 200 + 262 \\
 696 &:= 2^2 + 7^1 + 8^1 + 26^0 + 26^2 = 22 + 71 + 81 + 260 + 262 & 696 &:= 3^2 + 3^2 + 18^0 + 19^0 + 26^2 = 32 + 32 + 180 + 190 + 262 \\
 696 &:= 2^3 + 10^0 + 10^1 + 21^0 + 26^2 = 23 + 100 + 101 + 210 + 262 & 696 &:= 3^2 + 4^0 + 18^2 + 19^2 + 25^0 = 32 + 40 + 182 + 192 + 250 \\
 696 &:= 2^3 + 10^1 + 11^0 + 20^0 + 26^2 = 23 + 101 + 110 + 200 + 262 & 696 &:= 3^2 + 5^0 + 18^2 + 19^2 + 24^0 = 32 + 50 + 182 + 192 + 240 \\
 696 &:= 2^3 + 10^1 + 12^0 + 19^0 + 26^2 = 23 + 101 + 120 + 190 + 262 & 696 &:= 3^2 + 6^0 + 18^2 + 19^2 + 23^0 = 32 + 60 + 182 + 192 + 230 \\
 696 &:= 2^3 + 10^1 + 13^0 + 18^0 + 26^2 = 23 + 101 + 130 + 180 + 262 & 696 &:= 3^2 + 7^0 + 18^2 + 19^2 + 22^0 = 32 + 70 + 182 + 192 + 220 \\
 696 &:= 2^3 + 10^1 + 14^0 + 17^0 + 26^2 = 23 + 101 + 140 + 170 + 262 & 696 &:= 3^2 + 8^0 + 18^2 + 19^2 + 21^0 = 32 + 80 + 182 + 192 + 210 \\
 696 &:= 2^3 + 10^1 + 15^0 + 16^0 + 26^2 = 23 + 101 + 150 + 160 + 262 & 696 &:= 3^2 + 9^0 + 18^2 + 19^2 + 20^0 = 32 + 90 + 182 + 192 + 200 \\
 696 &:= 2^3 + 4^0 + 10^1 + 26^2 + 27^0 = 23 + 40 + 101 + 262 + 270 & 696 &:= 4^0 + 10^1 + 15^2 + 19^1 + 21^2 = 40 + 101 + 152 + 191 + 212 \\
 696 &:= 2^3 + 5^0 + 10^1 + 26^0 + 26^2 = 23 + 50 + 101 + 260 + 262 & 696 &:= 4^0 + 11^1 + 15^2 + 18^1 + 21^2 = 40 + 111 + 152 + 181 + 212
 \end{aligned}$$

$$\begin{aligned} 696 &:= 4^0 + 12^1 + 15^2 + 17^1 + 21^2 = 40 + 121 + 152 + 171 + 212 & 696 &:= 5^0 + 9^2 + 17^2 + 18^2 + 20^0 = 50 + 92 + 172 + 182 + 200 \\ 696 &:= 4^0 + 13^1 + 15^2 + 16^1 + 21^2 = 40 + 131 + 152 + 161 + 212 & 696 &:= 5^1 + 10^1 + 14^2 + 18^0 + 22^2 = 51 + 101 + 142 + 180 + 222 \\ 696 &:= 4^0 + 14^1 + 15^1 + 15^2 + 21^2 = 40 + 141 + 151 + 152 + 212 & 696 &:= 5^1 + 10^2 + 14^1 + 16^0 + 24^2 = 51 + 102 + 141 + 160 + 242 \\ 696 &:= 4^0 + 4^1 + 15^2 + 21^2 + 25^1 = 40 + 41 + 152 + 212 + 251 & 696 &:= 5^1 + 12^0 + 12^2 + 17^1 + 23^2 = 51 + 120 + 122 + 171 + 232 \\ 696 &:= 4^0 + 5^1 + 15^2 + 21^2 + 24^1 = 40 + 51 + 152 + 212 + 241 & 696 &:= 5^1 + 5^1 + 18^2 + 19^2 + 22^0 = 51 + 51 + 182 + 192 + 220 \\ 696 &:= 4^0 + 6^1 + 15^2 + 21^2 + 23^1 = 40 + 61 + 152 + 212 + 231 & 696 &:= 5^1 + 7^2 + 16^0 + 16^1 + 25^2 = 51 + 72 + 160 + 161 + 252 \\ 696 &:= 4^0 + 6^2 + 10^1 + 24^1 + 25^2 = 40 + 62 + 101 + 241 + 252 & 696 &:= 6^0 + 7^3 + 11^0 + 18^2 + 27^1 = 60 + 73 + 110 + 182 + 271 \\ 696 &:= 4^0 + 6^2 + 11^1 + 23^1 + 25^2 = 40 + 62 + 111 + 231 + 252 & 696 &:= 6^0 + 9^2 + 17^2 + 18^2 + 19^0 = 60 + 92 + 172 + 182 + 190 \\ 696 &:= 4^0 + 6^2 + 12^1 + 22^1 + 25^2 = 40 + 62 + 121 + 221 + 252 & 696 &:= 6^1 + 10^2 + 13^1 + 16^0 + 24^2 = 61 + 102 + 131 + 160 + 242 \\ 696 &:= 4^0 + 6^2 + 13^1 + 21^1 + 25^2 = 40 + 62 + 131 + 211 + 252 & 696 &:= 6^1 + 12^0 + 12^2 + 16^1 + 23^2 = 61 + 120 + 122 + 161 + 232 \\ 696 &:= 4^0 + 6^2 + 14^1 + 20^1 + 25^2 = 40 + 62 + 141 + 201 + 252 & 696 &:= 6^1 + 7^2 + 15^1 + 16^0 + 25^2 = 61 + 72 + 151 + 160 + 252 \\ 696 &:= 4^0 + 6^2 + 15^1 + 19^1 + 25^2 = 40 + 62 + 151 + 191 + 252 & 696 &:= 6^1 + 9^1 + 14^2 + 18^0 + 22^2 = 61 + 91 + 142 + 180 + 222 \\ 696 &:= 4^0 + 6^2 + 16^1 + 18^1 + 25^2 = 40 + 62 + 161 + 181 + 252 & 696 &:= 7^0 + 7^3 + 10^0 + 18^2 + 27^1 = 70 + 73 + 100 + 182 + 271 \\ 696 &:= 4^0 + 6^2 + 17^1 + 17^1 + 25^2 = 40 + 62 + 171 + 171 + 252 & 696 &:= 7^0 + 9^2 + 17^2 + 18^0 + 18^2 = 70 + 92 + 172 + 180 + 182 \\ 696 &:= 4^0 + 6^2 + 7^1 + 25^2 + 27^1 = 40 + 62 + 71 + 252 + 271 & 696 &:= 7^1 + 10^2 + 12^1 + 16^0 + 24^2 = 71 + 102 + 121 + 160 + 242 \\ 696 &:= 4^0 + 6^2 + 8^1 + 25^2 + 26^1 = 40 + 62 + 81 + 252 + 261 & 696 &:= 7^1 + 12^0 + 12^2 + 15^1 + 23^2 = 71 + 120 + 122 + 151 + 232 \\ 696 &:= 4^0 + 6^2 + 9^1 + 25^1 + 25^2 = 40 + 62 + 91 + 251 + 252 & 696 &:= 7^1 + 7^2 + 14^1 + 16^0 + 25^2 = 71 + 72 + 141 + 160 + 252 \\ 696 &:= 4^0 + 7^1 + 15^2 + 21^2 + 22^1 = 40 + 71 + 152 + 212 + 221 & 696 &:= 7^1 + 8^1 + 14^2 + 18^0 + 22^2 = 71 + 81 + 142 + 180 + 222 \\ 696 &:= 4^0 + 7^3 + 13^0 + 18^2 + 27^1 = 40 + 73 + 130 + 182 + 271 & 696 &:= 7^2 + 10^1 + 11^1 + 16^0 + 25^2 = 72 + 101 + 111 + 160 + 252 \\ 696 &:= 4^0 + 8^1 + 15^2 + 21^1 + 21^2 = 40 + 81 + 152 + 211 + 212 & 696 &:= 7^2 + 8^1 + 13^1 + 16^0 + 25^2 = 72 + 81 + 131 + 160 + 252 \\ 696 &:= 4^0 + 9^1 + 15^2 + 20^1 + 21^2 = 40 + 91 + 152 + 201 + 212 & 696 &:= 7^2 + 9^1 + 12^1 + 16^0 + 25^2 = 72 + 91 + 121 + 160 + 252 \\ 696 &:= 4^0 + 9^2 + 17^2 + 18^2 + 21^0 = 40 + 92 + 172 + 182 + 210 & 696 &:= 7^3 + 8^0 + 9^0 + 18^2 + 27^1 = 73 + 80 + 90 + 182 + 271 \\ 696 &:= 4^1 + 10^2 + 15^1 + 16^0 + 24^2 = 41 + 102 + 151 + 160 + 242 & 696 &:= 8^0 + 8^3 + 13^1 + 13^2 + 27^0 = 80 + 83 + 131 + 132 + 270 \\ 696 &:= 4^1 + 11^1 + 14^2 + 18^0 + 22^2 = 41 + 111 + 142 + 180 + 222 & 696 &:= 8^0 + 9^2 + 17^0 + 17^2 + 18^2 = 80 + 92 + 170 + 172 + 182 \\ 696 &:= 4^1 + 12^0 + 12^2 + 18^1 + 23^2 = 41 + 120 + 122 + 181 + 232 & 696 &:= 8^1 + 10^2 + 11^1 + 16^0 + 24^2 = 81 + 102 + 111 + 160 + 242 \\ 696 &:= 4^1 + 6^1 + 18^2 + 19^2 + 22^0 = 41 + 61 + 182 + 192 + 220 & 696 &:= 8^1 + 12^0 + 12^2 + 14^1 + 23^2 = 81 + 120 + 122 + 141 + 232 \\ 696 &:= 4^1 + 7^2 + 16^0 + 17^1 + 25^2 = 41 + 72 + 160 + 171 + 252 & 696 &:= 8^3 + 10^0 + 13^1 + 13^2 + 25^0 = 83 + 100 + 131 + 132 + 250 \\ 696 &:= 4^3 + 5^1 + 10^0 + 25^0 + 25^2 = 43 + 51 + 100 + 250 + 252 & 696 &:= 8^3 + 11^0 + 13^1 + 13^2 + 24^0 = 83 + 110 + 131 + 132 + 240 \\ 696 &:= 4^3 + 5^1 + 11^0 + 24^0 + 25^2 = 43 + 51 + 110 + 240 + 252 & 696 &:= 8^3 + 12^0 + 13^1 + 13^2 + 23^0 = 83 + 120 + 131 + 132 + 230 \\ 696 &:= 4^3 + 5^1 + 12^0 + 23^0 + 25^2 = 43 + 51 + 120 + 230 + 252 & 696 &:= 8^3 + 13^0 + 13^1 + 13^2 + 22^0 = 83 + 130 + 131 + 132 + 220 \\ 696 &:= 4^3 + 5^1 + 13^0 + 22^0 + 25^2 = 43 + 51 + 130 + 220 + 252 & 696 &:= 8^3 + 13^1 + 13^2 + 14^0 + 21^0 = 83 + 131 + 132 + 140 + 210 \\ 696 &:= 4^3 + 5^1 + 14^0 + 21^0 + 25^2 = 43 + 51 + 140 + 210 + 252 & 696 &:= 8^3 + 13^1 + 13^2 + 15^0 + 20^0 = 83 + 131 + 132 + 150 + 200 \\ 696 &:= 4^3 + 5^1 + 15^0 + 20^0 + 25^2 = 43 + 51 + 150 + 200 + 252 & 696 &:= 8^3 + 13^1 + 13^2 + 16^0 + 19^0 = 83 + 131 + 132 + 160 + 190 \\ 696 &:= 4^3 + 5^1 + 16^0 + 19^0 + 25^2 = 43 + 51 + 160 + 190 + 252 & 696 &:= 8^3 + 13^1 + 13^2 + 17^0 + 18^0 = 83 + 131 + 132 + 170 + 180 \\ 696 &:= 4^3 + 5^1 + 17^0 + 18^0 + 25^2 = 43 + 51 + 170 + 180 + 252 & 696 &:= 8^3 + 9^0 + 13^1 + 13^2 + 26^0 = 83 + 90 + 131 + 132 + 260 \\ 696 &:= 4^3 + 5^1 + 8^0 + 25^2 + 27^0 = 43 + 51 + 80 + 252 + 270 & 696 &:= 9^0 + 9^2 + 16^0 + 17^2 + 18^2 = 90 + 92 + 160 + 172 + 182 \\ 696 &:= 4^3 + 5^1 + 9^0 + 25^2 + 26^0 = 43 + 51 + 90 + 252 + 260 & 696 &:= 9^1 + 10^1 + 10^2 + 16^0 + 24^2 = 91 + 101 + 102 + 160 + 242 \\ 696 &:= 5^0 + 7^3 + 12^0 + 18^2 + 27^1 = 50 + 73 + 120 + 182 + 271 & 696 &:= 9^1 + 12^0 + 12^2 + 13^1 + 23^2 = 91 + 120 + 122 + 131 + 232 \end{aligned}$$

$$696 := 9^2 + 10^0 + 15^0 + 17^2 + 18^2 = 92 + 100 + 150 + 172 + 182$$

$$696 := 9^2 + 11^0 + 14^0 + 17^2 + 18^2 = 92 + 110 + 140 + 172 + 182$$

$$696 := 9^2 + 12^0 + 13^0 + 17^2 + 18^2 = 92 + 120 + 130 + 172 + 182$$

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$$697 := 1^4 + 19^1 + 23^0 + 26^2 = 14 + 191 + 230 + 262$$

$$697 := 2^4 + 4^1 + 26^2 + 37^0 = 24 + 41 + 262 + 370$$

$$697 := 2^7 + 2^9 + 8^0 + 56^1 = 27 + 29 + 80 + 561$$

$$697 := 3^0 + 3^4 + 24^2 + 39^1 = 30 + 34 + 242 + 391$$

$$697 := 4^2 + 11^2 + 23^2 + 31^1 = 42 + 112 + 232 + 311$$

$$697 := 4^2 + 5^0 + 5^4 + 55^1 = 42 + 50 + 54 + 551$$

$$697 := 4^4 + 5^0 + 20^2 + 40^1 = 44 + 50 + 202 + 401$$

$$697 := 5^2 + 5^4 + 13^0 + 46^1 = 52 + 54 + 130 + 461$$

$$697 := 5^2 + 8^2 + 24^2 + 32^1 = 52 + 82 + 242 + 321$$

$$697 := 5^4 + 6^2 + 23^0 + 35^1 = 54 + 62 + 230 + 351$$

$$697 := 5^4 + 7^1 + 8^2 + 49^0 = 54 + 71 + 82 + 490$$

$$697 := 5^4 + 7^2 + 22^1 + 35^0 = 54 + 72 + 221 + 350$$

$$697 := 7^3 + 7^3 + 10^1 + 45^0 = 73 + 73 + 101 + 450$$

$$697 := 7^3 + 8^2 + 17^2 + 37^0 = 73 + 82 + 172 + 370$$

$$697 := 8^2 + 11^2 + 22^2 + 28^1 = 82 + 112 + 222 + 281$$

$$697 := 1^0 + 1^4 + 18^1 + 23^0 + 26^2 = 10 + 14 + 181 + 230 + 262$$

$$697 := 1^0 + 8^2 + 11^2 + 22^2 + 27^1 = 10 + 82 + 112 + 222 + 271$$

$$697 := 1^1 + 1^3 + 18^1 + 23^0 + 26^2 = 11 + 13 + 181 + 230 + 262$$

$$697 := 1^2 + 1^2 + 18^1 + 23^0 + 26^2 = 12 + 12 + 181 + 230 + 262$$

$$697 := 1^2 + 10^1 + 18^2 + 19^2 + 21^0 = 12 + 101 + 182 + 192 + 210$$

$$697 := 1^2 + 10^2 + 15^0 + 19^1 + 24^2 = 12 + 102 + 150 + 191 + 242$$

$$697 := 1^2 + 11^0 + 12^2 + 22^1 + 23^2 = 12 + 110 + 122 + 221 + 232$$

$$697 := 1^2 + 14^2 + 15^1 + 17^0 + 22^2 = 12 + 142 + 151 + 170 + 222$$

$$697 := 1^2 + 2^2 + 15^1 + 25^0 + 26^2 = 12 + 22 + 151 + 250 + 262$$

$$697 := 1^2 + 6^1 + 17^2 + 20^2 + 25^0 = 12 + 61 + 172 + 202 + 250$$

$$697 := 1^2 + 7^2 + 15^0 + 21^1 + 25^2 = 12 + 72 + 150 + 211 + 252$$

$$697 := 1^3 + 2^1 + 17^1 + 23^0 + 26^2 = 13 + 21 + 171 + 230 + 262$$

$$697 := 1^3 + 3^1 + 16^1 + 23^0 + 26^2 = 13 + 31 + 161 + 230 + 262$$

$$697 := 1^3 + 4^1 + 15^1 + 23^0 + 26^2 = 13 + 41 + 151 + 230 + 262$$

$$697 := 1^3 + 5^1 + 14^1 + 23^0 + 26^2 = 13 + 51 + 141 + 230 + 262$$

$$697 := 1^3 + 6^1 + 13^1 + 23^0 + 26^2 = 13 + 61 + 131 + 230 + 262$$

$$697 := 1^3 + 7^1 + 12^1 + 23^0 + 26^2 = 13 + 71 + 121 + 230 + 262$$

$$697 := 1^3 + 8^1 + 11^1 + 23^0 + 26^2 = 13 + 81 + 111 + 230 + 262$$

$$697 := 1^3 + 9^1 + 10^1 + 23^0 + 26^2 = 13 + 91 + 101 + 230 + 262$$

$$697 := 1^4 + 10^0 + 14^0 + 18^1 + 26^2 = 14 + 100 + 140 + 181 + 262$$

$$697 := 1^4 + 11^0 + 13^0 + 18^1 + 26^2 = 14 + 110 + 130 + 181 + 262$$

$$697 := 1^4 + 12^0 + 12^0 + 18^1 + 26^2 = 14 + 120 + 120 + 181 + 262$$

$$697 := 1^4 + 2^0 + 18^1 + 22^0 + 26^2 = 14 + 20 + 181 + 220 + 262$$

$$697 := 1^4 + 3^0 + 18^1 + 21^0 + 26^2 = 14 + 30 + 181 + 210 + 262$$

$$697 := 1^4 + 4^0 + 18^1 + 20^0 + 26^2 = 14 + 40 + 181 + 200 + 262$$

$$697 := 1^4 + 5^0 + 18^1 + 19^0 + 26^2 = 14 + 50 + 181 + 190 + 262$$

$$697 := 1^4 + 6^0 + 18^0 + 18^1 + 26^2 = 14 + 60 + 180 + 181 + 262$$

$$697 := 1^4 + 7^0 + 17^0 + 18^1 + 26^2 = 14 + 70 + 170 + 181 + 262$$

$$697 := 1^4 + 8^0 + 16^0 + 18^1 + 26^2 = 14 + 80 + 160 + 181 + 262$$

$$697 := 1^4 + 9^0 + 15^0 + 18^1 + 26^2 = 14 + 90 + 150 + 181 + 262$$

$$697 := 1^5 + 1^9 + 18^1 + 22^0 + 26^2 = 15 + 19 + 181 + 220 + 262$$

$$697 := 1^6 + 1^8 + 18^1 + 22^0 + 26^2 = 16 + 18 + 181 + 220 + 262$$

$$697 := 1^7 + 1^7 + 18^1 + 22^0 + 26^2 = 17 + 17 + 181 + 220 + 262$$

$$697 := 10^1 + 10^2 + 15^0 + 15^2 + 19^2 = 101 + 102 + 150 + 152 + 192$$

$$697 := 10^2 + 10^2 + 12^1 + 15^0 + 22^2 = 102 + 102 + 121 + 150 + 222$$

$$697 := 10^2 + 11^1 + 12^2 + 15^0 + 21^2 = 102 + 111 + 122 + 150 + 212$$

$$697 := 11^0 + 13^1 + 13^2 + 15^2 + 17^2 = 110 + 131 + 132 + 152 + 172$$

$$697 := 11^2 + 11^2 + 13^0 + 13^1 + 21^2 = 112 + 112 + 130 + 131 + 212$$

$$697 := 2^1 + 3^2 + 18^2 + 19^2 + 27^0 = 21 + 32 + 182 + 192 + 270$$

$$697 := 2^1 + 7^3 + 15^0 + 18^2 + 27^1 = 21 + 73 + 150 + 182 + 271$$

$$697 := 2^1 + 9^2 + 17^2 + 18^2 + 23^0 = 21 + 92 + 172 + 182 + 230$$

$$697 := 2^2 + 10^2 + 16^1 + 17^0 + 24^2 = 22 + 102 + 161 + 170 + 242$$

$$697 := 2^2 + 12^1 + 14^2 + 19^0 + 22^2 = 22 + 121 + 142 + 190 + 222$$

$$697 := 2^2 + 12^2 + 13^0 + 19^1 + 23^2 = 22 + 122 + 130 + 191 + 232$$

$$697 := 2^2 + 2^2 + 12^1 + 26^2 + 27^0 = 22 + 22 + 121 + 262 + 270$$

$$697 := 2^2 + 3^1 + 17^2 + 20^2 + 27^0 = 22 + 31 + 172 + 202 + 270$$

$$697 := 2^2 + 5^0 + 15^2 + 21^2 + 26^1 = 22 + 50 + 152 + 212 + 261$$

$$697 := 2^2 + 7^1 + 18^2 + 19^2 + 23^0 = 22 + 71 + 182 + 192 + 230$$

$$697 := 2^2 + 7^2 + 17^0 + 18^1 + 25^2 = 22 + 72 + 170 + 181 + 252$$

$$697 := 2^4 + 3^1 + 11^0 + 26^2 + 27^0 = 24 + 31 + 110 + 262 + 270$$

$$697 := 2^4 + 3^1 + 12^0 + 26^0 + 26^2 = 24 + 31 + 120 + 260 + 262$$

$$\begin{aligned}
 697 &:= 2^4 + 3^1 + 13^0 + 25^0 + 26^2 = 24 + 31 + 130 + 250 + 262 & 697 &:= 5^0 + 14^2 + 15^2 + 16^2 + 19^1 = 50 + 142 + 152 + 162 + 191 \\
 697 &:= 2^4 + 3^1 + 14^0 + 24^0 + 26^2 = 24 + 31 + 140 + 240 + 262 & 697 &:= 5^0 + 5^2 + 18^2 + 18^2 + 23^1 = 50 + 52 + 182 + 182 + 231 \\
 697 &:= 2^4 + 3^1 + 15^0 + 23^0 + 26^2 = 24 + 31 + 150 + 230 + 262 & 697 &:= 5^0 + 6^2 + 14^2 + 21^2 + 23^1 = 50 + 62 + 142 + 212 + 231 \\
 697 &:= 2^4 + 3^1 + 16^0 + 22^0 + 26^2 = 24 + 31 + 160 + 220 + 262 & 697 &:= 5^0 + 7^2 + 15^2 + 20^2 + 22^1 = 50 + 72 + 152 + 202 + 221 \\
 697 &:= 2^4 + 3^1 + 17^0 + 21^0 + 26^2 = 24 + 31 + 170 + 210 + 262 & 697 &:= 5^0 + 8^2 + 13^2 + 21^2 + 22^1 = 50 + 82 + 132 + 212 + 221 \\
 697 &:= 2^4 + 3^1 + 18^0 + 20^0 + 26^2 = 24 + 31 + 180 + 200 + 262 & 697 &:= 5^1 + 5^2 + 15^2 + 21^2 + 23^0 = 51 + 52 + 152 + 212 + 230 \\
 697 &:= 2^4 + 3^1 + 19^0 + 19^0 + 26^2 = 24 + 31 + 190 + 190 + 262 & 697 &:= 5^1 + 7^3 + 15^0 + 18^2 + 24^1 = 51 + 73 + 150 + 182 + 241 \\
 697 &:= 3^0 + 12^2 + 13^2 + 19^2 + 22^1 = 30 + 122 + 132 + 192 + 221 & 697 &:= 5^1 + 9^2 + 13^2 + 21^0 + 21^2 = 51 + 92 + 132 + 210 + 212 \\
 697 &:= 3^0 + 15^2 + 15^2 + 15^2 + 21^1 = 30 + 152 + 152 + 152 + 211 & 697 &:= 5^1 + 9^2 + 9^2 + 23^0 + 23^2 = 51 + 92 + 92 + 230 + 232 \\
 697 &:= 3^0 + 4^2 + 13^2 + 22^2 + 27^1 = 30 + 42 + 132 + 222 + 271 & 697 &:= 5^2 + 11^0 + 13^2 + 18^1 + 22^2 = 52 + 110 + 132 + 181 + 222 \\
 697 &:= 3^0 + 6^3 + 12^1 + 21^2 + 27^1 = 30 + 63 + 121 + 212 + 271 & 697 &:= 5^2 + 13^0 + 15^1 + 16^2 + 20^2 = 52 + 130 + 151 + 162 + 202 \\
 697 &:= 3^0 + 6^3 + 13^1 + 21^2 + 26^1 = 30 + 63 + 131 + 212 + 261 & 697 &:= 5^2 + 5^2 + 13^0 + 21^1 + 25^2 = 52 + 52 + 130 + 211 + 252 \\
 697 &:= 3^0 + 6^3 + 14^1 + 21^2 + 25^1 = 30 + 63 + 141 + 212 + 251 & 697 &:= 5^2 + 6^2 + 10^1 + 23^0 + 25^2 = 52 + 62 + 101 + 230 + 252 \\
 697 &:= 3^0 + 6^3 + 15^1 + 21^2 + 24^1 = 30 + 63 + 151 + 212 + 241 & 697 &:= 5^2 + 7^0 + 17^2 + 19^2 + 21^1 = 52 + 70 + 172 + 192 + 211 \\
 697 &:= 3^0 + 6^3 + 16^1 + 21^2 + 23^1 = 30 + 63 + 161 + 212 + 231 & 697 &:= 5^2 + 9^0 + 11^2 + 21^1 + 23^2 = 52 + 90 + 112 + 211 + 232 \\
 697 &:= 3^0 + 6^3 + 17^1 + 21^2 + 22^1 = 30 + 63 + 171 + 212 + 221 & 697 &:= 5^2 + 9^2 + 14^1 + 17^0 + 24^2 = 52 + 92 + 141 + 170 + 242 \\
 697 &:= 3^0 + 6^3 + 18^1 + 21^1 + 21^2 = 30 + 63 + 181 + 211 + 212 & 697 &:= 5^4 + 6^1 + 8^2 + 23^0 + 27^0 = 54 + 61 + 82 + 230 + 270 \\
 697 &:= 3^0 + 6^3 + 19^1 + 20^1 + 21^2 = 30 + 63 + 191 + 201 + 212 & 697 &:= 5^4 + 6^1 + 8^2 + 24^0 + 26^0 = 54 + 61 + 82 + 240 + 260 \\
 697 &:= 3^1 + 12^2 + 15^2 + 18^2 + 21^0 = 31 + 122 + 152 + 182 + 210 & 697 &:= 5^4 + 6^1 + 8^2 + 25^0 + 25^0 = 54 + 61 + 82 + 250 + 250 \\
 697 &:= 3^1 + 6^2 + 9^2 + 24^2 + 27^0 = 31 + 62 + 92 + 242 + 270 & 697 &:= 5^4 + 7^2 + 10^0 + 21^1 + 26^0 = 54 + 72 + 100 + 211 + 260 \\
 697 &:= 3^1 + 7^3 + 15^0 + 18^2 + 26^1 = 31 + 73 + 150 + 182 + 261 & 697 &:= 5^4 + 7^2 + 11^0 + 21^1 + 25^0 = 54 + 72 + 110 + 211 + 250 \\
 697 &:= 3^1 + 8^2 + 10^2 + 23^2 + 25^0 = 31 + 82 + 102 + 232 + 250 & 697 &:= 5^4 + 7^2 + 12^0 + 21^1 + 24^0 = 54 + 72 + 120 + 211 + 240 \\
 697 &:= 3^2 + 10^2 + 11^1 + 21^0 + 24^2 = 32 + 102 + 111 + 210 + 242 & 697 &:= 5^4 + 7^2 + 13^0 + 21^1 + 23^0 = 54 + 72 + 130 + 211 + 230 \\
 697 &:= 3^2 + 12^2 + 14^1 + 17^0 + 23^2 = 32 + 122 + 141 + 170 + 232 & 697 &:= 5^4 + 7^2 + 14^0 + 21^1 + 22^0 = 54 + 72 + 140 + 211 + 220 \\
 697 &:= 3^2 + 6^2 + 9^0 + 25^2 + 26^1 = 32 + 62 + 90 + 252 + 261 & 697 &:= 5^4 + 7^2 + 15^0 + 21^0 + 21^1 = 54 + 72 + 150 + 210 + 211 \\
 697 &:= 3^2 + 7^1 + 14^2 + 22^2 + 23^0 = 32 + 71 + 142 + 222 + 230 & 697 &:= 5^4 + 7^2 + 16^0 + 20^0 + 21^1 = 54 + 72 + 160 + 200 + 211 \\
 697 &:= 3^2 + 7^2 + 13^1 + 21^0 + 25^2 = 32 + 72 + 131 + 210 + 252 & 697 &:= 5^4 + 7^2 + 17^0 + 19^0 + 21^1 = 54 + 72 + 170 + 190 + 211 \\
 697 &:= 3^2 + 9^0 + 15^2 + 21^1 + 21^2 = 32 + 90 + 152 + 211 + 212 & 697 &:= 5^4 + 7^2 + 18^0 + 18^0 + 21^1 = 54 + 72 + 180 + 180 + 211 \\
 697 &:= 4^1 + 4^2 + 10^2 + 24^2 + 27^0 = 41 + 42 + 102 + 242 + 270 & 697 &:= 5^4 + 7^2 + 9^0 + 21^1 + 27^0 = 54 + 72 + 90 + 211 + 270 \\
 697 &:= 4^1 + 6^2 + 16^2 + 20^2 + 23^0 = 41 + 62 + 162 + 202 + 230 & 697 &:= 6^1 + 11^2 + 13^2 + 19^0 + 20^2 = 61 + 112 + 132 + 190 + 202 \\
 697 &:= 4^1 + 7^3 + 15^0 + 18^2 + 25^1 = 41 + 73 + 150 + 182 + 251 & 697 &:= 6^1 + 7^3 + 15^0 + 18^2 + 23^1 = 61 + 73 + 150 + 182 + 231 \\
 697 &:= 4^1 + 8^2 + 12^2 + 22^2 + 23^0 = 41 + 82 + 122 + 222 + 230 & 697 &:= 6^2 + 10^1 + 11^2 + 19^0 + 23^2 = 62 + 101 + 112 + 190 + 232 \\
 697 &:= 4^2 + 14^1 + 15^0 + 15^2 + 21^2 = 42 + 141 + 150 + 152 + 212 & 697 &:= 6^2 + 10^1 + 17^0 + 17^2 + 19^2 = 62 + 101 + 170 + 172 + 192 \\
 697 &:= 4^2 + 5^0 + 16^2 + 20^2 + 24^1 = 42 + 50 + 162 + 202 + 241 & 697 &:= 6^2 + 12^1 + 15^0 + 18^2 + 18^2 = 62 + 121 + 150 + 182 + 182 \\
 697 &:= 4^2 + 6^1 + 7^2 + 25^2 + 27^0 = 42 + 61 + 72 + 252 + 270 & 697 &:= 6^2 + 7^1 + 13^2 + 21^0 + 22^2 = 62 + 71 + 132 + 210 + 222 \\
 697 &:= 4^2 + 6^2 + 15^0 + 19^1 + 25^2 = 42 + 62 + 150 + 191 + 252 & 697 &:= 6^2 + 8^2 + 11^0 + 20^1 + 24^2 = 62 + 82 + 110 + 201 + 242 \\
 697 &:= 4^2 + 7^1 + 12^2 + 23^0 + 23^2 = 42 + 71 + 122 + 230 + 232 & 697 &:= 7^0 + 10^2 + 17^2 + 17^2 + 18^1 = 70 + 102 + 172 + 172 + 181 \\
 697 &:= 4^2 + 9^0 + 9^2 + 23^1 + 24^2 = 42 + 90 + 92 + 231 + 242 & 697 &:= 7^0 + 11^2 + 14^2 + 18^1 + 19^2 = 70 + 112 + 142 + 181 + 192
 \end{aligned}$$

$697 := 7^0 + 8^2 + 17^2 + 18^2 + 19^1 = 70 + 82 + 172 + 182 + 191$	$697 := 7^3 + 7^3 + 9^1 + 22^0 + 24^0 = 73 + 73 + 91 + 220 + 240$
$697 := 7^0 + 8^2 + 9^2 + 22^1 + 23^2 = 70 + 82 + 92 + 221 + 232$	$697 := 7^3 + 7^3 + 9^1 + 23^0 + 23^0 = 73 + 73 + 91 + 230 + 230$
$697 := 7^0 + 9^2 + 14^2 + 19^1 + 20^2 = 70 + 92 + 142 + 191 + 202$	$697 := 7^3 + 8^1 + 15^0 + 18^2 + 21^1 = 73 + 81 + 150 + 182 + 211$
$697 := 7^1 + 12^2 + 16^2 + 17^0 + 17^2 = 71 + 122 + 162 + 170 + 172$	$697 := 7^3 + 9^1 + 15^0 + 18^2 + 20^1 = 73 + 91 + 150 + 182 + 201$
$697 := 7^1 + 13^2 + 14^2 + 17^0 + 18^2 = 71 + 132 + 142 + 170 + 182$	$697 := 8^1 + 12^2 + 12^2 + 17^0 + 20^2 = 81 + 122 + 122 + 170 + 202$
$697 := 7^1 + 7^2 + 8^2 + 23^0 + 24^2 = 71 + 72 + 82 + 230 + 242$	$697 := 8^2 + 11^0 + 15^1 + 16^2 + 19^2 = 82 + 110 + 151 + 162 + 192$
$697 := 7^1 + 7^3 + 15^0 + 18^2 + 22^1 = 71 + 73 + 150 + 182 + 221$	$697 := 8^3 + 9^0 + 12^2 + 13^1 + 27^1 = 83 + 90 + 122 + 131 + 271$
$697 := 7^1 + 8^2 + 15^2 + 19^0 + 20^2 = 71 + 82 + 152 + 190 + 202$	$697 := 8^3 + 9^0 + 12^2 + 14^1 + 26^1 = 83 + 90 + 122 + 141 + 261$
$697 := 7^2 + 10^1 + 14^2 + 17^0 + 21^2 = 72 + 101 + 142 + 170 + 212$	$697 := 8^3 + 9^0 + 12^2 + 15^1 + 25^1 = 83 + 90 + 122 + 151 + 251$
$697 := 7^2 + 10^2 + 11^0 + 18^1 + 23^2 = 72 + 102 + 110 + 181 + 232$	$697 := 8^3 + 9^0 + 12^2 + 16^1 + 24^1 = 83 + 90 + 122 + 161 + 241$
$697 := 7^2 + 7^2 + 9^0 + 22^1 + 24^2 = 72 + 72 + 90 + 221 + 242$	$697 := 8^3 + 9^0 + 12^2 + 17^1 + 23^1 = 83 + 90 + 122 + 171 + 231$
$697 := 7^2 + 9^0 + 12^2 + 19^1 + 22^2 = 72 + 90 + 122 + 191 + 222$	$697 := 8^3 + 9^0 + 12^2 + 18^1 + 22^1 = 83 + 90 + 122 + 181 + 221$
$697 := 7^3 + 10^1 + 15^0 + 18^2 + 19^1 = 73 + 101 + 150 + 182 + 191$	$697 := 8^3 + 9^0 + 12^2 + 19^1 + 21^1 = 83 + 90 + 122 + 191 + 211$
$697 := 7^3 + 11^1 + 15^0 + 18^1 + 18^2 = 73 + 111 + 150 + 181 + 182$	$697 := 8^3 + 9^0 + 12^2 + 20^1 + 20^1 = 83 + 90 + 122 + 201 + 201$
$697 := 7^3 + 12^1 + 15^0 + 17^1 + 18^2 = 73 + 121 + 150 + 171 + 182$	$697 := 9^0 + 10^2 + 16^1 + 16^2 + 18^2 = 90 + 102 + 161 + 162 + 182$
$697 := 7^3 + 13^1 + 15^0 + 16^1 + 18^2 = 73 + 131 + 150 + 161 + 182$	$697 := 9^0 + 13^2 + 15^1 + 16^2 + 16^2 = 90 + 132 + 151 + 162 + 162$
$697 := 7^3 + 14^1 + 15^0 + 15^1 + 18^2 = 73 + 141 + 150 + 151 + 182$	$697 := 9^0 + 14^2 + 14^2 + 15^1 + 17^2 = 90 + 142 + 142 + 151 + 172$
$697 := 7^3 + 7^3 + 9^1 + 19^0 + 27^0 = 73 + 73 + 91 + 190 + 270$	$697 := 9^2 + 10^1 + 11^2 + 17^0 + 22^2 = 92 + 101 + 112 + 170 + 222$
$697 := 7^3 + 7^3 + 9^1 + 20^0 + 26^0 = 73 + 73 + 91 + 200 + 260$	
$697 := 7^3 + 7^3 + 9^1 + 21^0 + 25^0 = 73 + 73 + 91 + 210 + 250$	

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$698 := 1^5 + 2^9 + 5^3 + 60^1 = 15 + 29 + 53 + 601$	$698 := 1^3 + 11^1 + 18^2 + 19^2 + 20^0 = 13 + 111 + 182 + 192 + 200$
$698 := 1^5 + 20^1 + 22^0 + 26^2 = 15 + 201 + 220 + 262$	$698 := 1^3 + 14^2 + 16^0 + 16^1 + 22^2 = 13 + 142 + 160 + 161 + 222$
$698 := 1^7 + 2^7 + 8^3 + 57^1 = 17 + 27 + 83 + 571$	$698 := 1^3 + 2^2 + 16^1 + 24^0 + 26^2 = 13 + 22 + 161 + 240 + 262$
$698 := 2^0 + 2^5 + 25^2 + 40^1 = 20 + 25 + 252 + 401$	$698 := 1^3 + 7^1 + 17^2 + 20^2 + 24^0 = 13 + 71 + 172 + 202 + 240$
$698 := 2^3 + 4^3 + 25^2 + 38^0 = 23 + 43 + 252 + 380$	$698 := 1^3 + 7^2 + 14^0 + 22^1 + 25^2 = 13 + 72 + 140 + 221 + 252$
$698 := 3^3 + 5^4 + 16^0 + 45^1 = 33 + 54 + 160 + 451$	$698 := 1^4 + 10^1 + 10^1 + 22^0 + 26^2 = 14 + 101 + 101 + 220 + 262$
$698 := 3^5 + 13^1 + 21^2 + 32^0 = 35 + 131 + 212 + 320$	$698 := 1^4 + 2^1 + 18^1 + 22^0 + 26^2 = 14 + 21 + 181 + 220 + 262$
$698 := 4^3 + 5^4 + 8^1 + 52^0 = 43 + 54 + 81 + 520$	$698 := 1^4 + 3^1 + 17^1 + 22^0 + 26^2 = 14 + 31 + 171 + 220 + 262$
$698 := 4^3 + 8^3 + 11^2 + 46^0 = 43 + 83 + 112 + 460$	$698 := 1^4 + 4^1 + 16^1 + 22^0 + 26^2 = 14 + 41 + 161 + 220 + 262$
$698 := 5^4 + 6^2 + 6^2 + 52^0 = 54 + 62 + 62 + 520$	$698 := 1^4 + 5^1 + 15^1 + 22^0 + 26^2 = 14 + 51 + 151 + 220 + 262$
$698 := 1^0 + 1^5 + 19^1 + 22^0 + 26^2 = 10 + 15 + 191 + 220 + 262$	$698 := 1^4 + 6^1 + 14^1 + 22^0 + 26^2 = 14 + 61 + 141 + 220 + 262$
$698 := 1^1 + 1^4 + 19^1 + 22^0 + 26^2 = 11 + 14 + 191 + 220 + 262$	$698 := 1^4 + 7^1 + 13^1 + 22^0 + 26^2 = 14 + 71 + 131 + 220 + 262$
$698 := 1^2 + 1^3 + 19^1 + 22^0 + 26^2 = 12 + 13 + 191 + 220 + 262$	$698 := 1^4 + 8^1 + 12^1 + 22^0 + 26^2 = 14 + 81 + 121 + 220 + 262$
$698 := 1^2 + 10^2 + 14^2 + 20^2 + 24^0 = 12 + 102 + 142 + 202 + 240$	$698 := 1^4 + 9^1 + 11^1 + 22^0 + 26^2 = 14 + 91 + 111 + 220 + 262$
$698 := 1^3 + 10^0 + 12^2 + 23^1 + 23^2 = 13 + 100 + 122 + 231 + 232$	$698 := 1^5 + 10^0 + 13^0 + 19^1 + 26^2 = 15 + 100 + 130 + 191 + 262$
$698 := 1^3 + 10^2 + 14^0 + 20^1 + 24^2 = 13 + 102 + 140 + 201 + 242$	$698 := 1^5 + 11^0 + 12^0 + 19^1 + 26^2 = 15 + 110 + 120 + 191 + 262$

$$\begin{aligned} 698 &:= 1^5 + 2^0 + 19^1 + 21^0 + 26^2 = 15 + 20 + 191 + 210 + 262 & 698 &:= 2^3 + 12^2 + 16^0 + 16^1 + 23^2 = 23 + 122 + 160 + 161 + 232 \\ 698 &:= 1^5 + 3^0 + 19^1 + 20^0 + 26^2 = 15 + 30 + 191 + 200 + 262 & 698 &:= 2^3 + 4^1 + 18^2 + 19^2 + 26^0 = 23 + 41 + 182 + 192 + 260 \\ 698 &:= 1^5 + 4^0 + 19^0 + 19^1 + 26^2 = 15 + 40 + 190 + 191 + 262 & 698 &:= 2^3 + 7^2 + 15^1 + 20^0 + 25^2 = 23 + 72 + 151 + 200 + 252 \\ 698 &:= 1^5 + 5^0 + 18^0 + 19^1 + 26^2 = 15 + 50 + 180 + 191 + 262 & 698 &:= 2^3 + 8^0 + 15^2 + 21^2 + 23^1 = 23 + 80 + 152 + 212 + 231 \\ 698 &:= 1^5 + 6^0 + 17^0 + 19^1 + 26^2 = 15 + 60 + 170 + 191 + 262 & 698 &:= 2^3 + 9^1 + 14^2 + 22^0 + 22^2 = 23 + 91 + 142 + 220 + 222 \\ 698 &:= 1^5 + 7^0 + 16^0 + 19^1 + 26^2 = 15 + 70 + 160 + 191 + 262 & 698 &:= 2^4 + 10^0 + 14^2 + 21^0 + 22^2 = 24 + 100 + 142 + 210 + 222 \\ 698 &:= 1^5 + 8^0 + 15^0 + 19^1 + 26^2 = 15 + 80 + 150 + 191 + 262 & 698 &:= 2^4 + 11^0 + 14^2 + 20^0 + 22^2 = 24 + 110 + 142 + 200 + 222 \\ 698 &:= 1^5 + 9^0 + 14^0 + 19^1 + 26^2 = 15 + 90 + 140 + 191 + 262 & 698 &:= 2^4 + 12^0 + 14^2 + 19^0 + 22^2 = 24 + 120 + 142 + 190 + 222 \\ 698 &:= 1^6 + 1^9 + 19^1 + 21^0 + 26^2 = 16 + 19 + 191 + 210 + 262 & 698 &:= 2^4 + 13^0 + 14^2 + 18^0 + 22^2 = 24 + 130 + 142 + 180 + 222 \\ 698 &:= 1^7 + 1^8 + 19^1 + 21^0 + 26^2 = 17 + 18 + 191 + 210 + 262 & 698 &:= 2^4 + 14^0 + 14^2 + 17^0 + 22^2 = 24 + 140 + 142 + 170 + 222 \\ 698 &:= 1^9 + 2^5 + 13^1 + 25^2 + 27^1 = 19 + 25 + 131 + 252 + 271 & 698 &:= 2^4 + 14^2 + 15^0 + 16^0 + 22^2 = 24 + 142 + 150 + 160 + 222 \\ 698 &:= 1^9 + 2^5 + 14^1 + 25^2 + 26^1 = 19 + 25 + 141 + 252 + 261 & 698 &:= 2^4 + 4^0 + 14^2 + 22^2 + 27^0 = 24 + 40 + 142 + 222 + 270 \\ 698 &:= 1^9 + 2^5 + 15^1 + 25^1 + 25^2 = 19 + 25 + 151 + 251 + 252 & 698 &:= 2^4 + 5^0 + 14^2 + 22^2 + 26^0 = 24 + 50 + 142 + 222 + 260 \\ 698 &:= 1^9 + 2^5 + 16^1 + 24^1 + 25^2 = 19 + 25 + 161 + 241 + 252 & 698 &:= 2^4 + 6^0 + 14^2 + 22^2 + 25^0 = 24 + 60 + 142 + 222 + 250 \\ 698 &:= 1^9 + 2^5 + 17^1 + 23^1 + 25^2 = 19 + 25 + 171 + 231 + 252 & 698 &:= 2^4 + 7^0 + 14^2 + 22^2 + 24^0 = 24 + 70 + 142 + 222 + 240 \\ 698 &:= 1^9 + 2^5 + 18^1 + 22^1 + 25^2 = 19 + 25 + 181 + 221 + 252 & 698 &:= 2^4 + 8^0 + 14^2 + 22^2 + 23^0 = 24 + 80 + 142 + 222 + 230 \\ 698 &:= 1^9 + 2^5 + 19^1 + 21^1 + 25^2 = 19 + 25 + 191 + 211 + 252 & 698 &:= 2^4 + 9^0 + 14^2 + 22^0 + 22^2 = 24 + 90 + 142 + 220 + 222 \\ 698 &:= 1^9 + 2^5 + 20^1 + 20^1 + 25^2 = 19 + 25 + 201 + 201 + 252 & 698 &:= 2^5 + 2^9 + 10^2 + 27^1 + 27^1 = 25 + 29 + 102 + 271 + 271 \\ 698 &:= 2^0 + 3^4 + 13^1 + 24^2 + 27^1 = 20 + 34 + 131 + 242 + 271 & 698 &:= 2^7 + 2^8 + 17^2 + 23^0 + 24^1 = 27 + 28 + 172 + 230 + 241 \\ 698 &:= 2^0 + 3^4 + 14^1 + 24^2 + 26^1 = 20 + 34 + 141 + 242 + 261 & 698 &:= 3^2 + 12^2 + 12^2 + 20^2 + 22^0 = 32 + 122 + 122 + 202 + 220 \\ 698 &:= 2^0 + 3^4 + 15^1 + 24^2 + 25^1 = 20 + 34 + 151 + 242 + 251 & 698 &:= 3^2 + 7^3 + 18^2 + 20^0 + 21^1 = 32 + 73 + 182 + 200 + 211 \\ 698 &:= 2^0 + 3^4 + 16^1 + 24^1 + 24^2 = 20 + 34 + 161 + 241 + 242 & 698 &:= 3^3 + 10^0 + 17^2 + 19^2 + 20^1 = 33 + 100 + 172 + 192 + 201 \\ 698 &:= 2^0 + 3^4 + 17^1 + 23^1 + 24^2 = 20 + 34 + 171 + 231 + 242 & 698 &:= 3^3 + 11^2 + 12^0 + 20^1 + 23^2 = 33 + 112 + 120 + 201 + 232 \\ 698 &:= 2^0 + 3^4 + 18^1 + 22^1 + 24^2 = 20 + 34 + 181 + 221 + 242 & 698 &:= 3^3 + 13^2 + 14^0 + 17^1 + 22^2 = 33 + 132 + 140 + 171 + 222 \\ 698 &:= 2^0 + 3^4 + 19^1 + 21^1 + 24^2 = 20 + 34 + 191 + 211 + 242 & 698 &:= 3^3 + 14^1 + 16^0 + 16^2 + 20^2 = 33 + 141 + 160 + 162 + 202 \\ 698 &:= 2^0 + 3^4 + 20^1 + 20^1 + 24^2 = 20 + 34 + 201 + 201 + 242 & 698 &:= 3^3 + 4^1 + 15^2 + 21^2 + 26^0 = 33 + 41 + 152 + 212 + 260 \\ 698 &:= 2^2 + 12^2 + 15^2 + 18^2 + 22^0 = 22 + 122 + 152 + 182 + 220 & 698 &:= 3^3 + 5^2 + 16^0 + 20^1 + 25^2 = 33 + 52 + 160 + 201 + 252 \\ 698 &:= 2^2 + 2^4 + 12^0 + 26^2 + 27^0 = 22 + 24 + 120 + 262 + 270 & 698 &:= 3^3 + 6^2 + 9^1 + 25^2 + 26^0 = 33 + 62 + 91 + 252 + 260 \\ 698 &:= 2^2 + 2^4 + 13^0 + 26^0 + 26^2 = 22 + 24 + 130 + 260 + 262 & 698 &:= 3^3 + 8^0 + 18^2 + 18^2 + 22^1 = 33 + 80 + 182 + 182 + 221 \\ 698 &:= 2^2 + 2^4 + 14^0 + 25^0 + 26^2 = 22 + 24 + 140 + 250 + 262 & 698 &:= 3^3 + 9^2 + 13^1 + 20^0 + 24^2 = 33 + 92 + 131 + 200 + 242 \\ 698 &:= 2^2 + 2^4 + 15^0 + 24^0 + 26^2 = 22 + 24 + 150 + 240 + 262 & 698 &:= 3^5 + 10^0 + 12^1 + 21^2 + 23^0 = 35 + 100 + 121 + 212 + 230 \\ 698 &:= 2^2 + 2^4 + 16^0 + 23^0 + 26^2 = 22 + 24 + 160 + 230 + 262 & 698 &:= 3^5 + 11^0 + 12^1 + 21^2 + 22^0 = 35 + 110 + 121 + 212 + 220 \\ 698 &:= 2^2 + 2^4 + 17^0 + 22^0 + 26^2 = 22 + 24 + 170 + 220 + 262 & 698 &:= 3^5 + 12^0 + 12^1 + 21^0 + 21^2 = 35 + 120 + 121 + 210 + 212 \\ 698 &:= 2^2 + 2^4 + 18^0 + 21^0 + 26^2 = 22 + 24 + 180 + 210 + 262 & 698 &:= 3^5 + 12^1 + 13^0 + 20^0 + 21^2 = 35 + 121 + 130 + 200 + 212 \\ 698 &:= 2^2 + 2^4 + 19^0 + 20^0 + 26^2 = 22 + 24 + 190 + 200 + 262 & 698 &:= 3^5 + 12^1 + 14^0 + 19^0 + 21^2 = 35 + 121 + 140 + 190 + 212 \\ 698 &:= 2^2 + 7^3 + 16^0 + 18^2 + 26^1 = 22 + 73 + 160 + 182 + 261 & 698 &:= 3^5 + 12^1 + 15^0 + 18^0 + 21^2 = 35 + 121 + 150 + 180 + 212 \\ 698 &:= 2^2 + 8^2 + 10^2 + 23^2 + 26^0 = 22 + 82 + 102 + 232 + 260 & 698 &:= 3^5 + 12^1 + 16^0 + 17^0 + 21^2 = 35 + 121 + 160 + 170 + 212 \\ 698 &:= 2^3 + 10^2 + 13^1 + 20^0 + 24^2 = 23 + 102 + 131 + 200 + 242 & 698 &:= 3^5 + 6^0 + 12^1 + 21^2 + 27^0 = 35 + 60 + 121 + 212 + 270 \end{aligned}$$

$$\begin{aligned} 698 &:= 3^5 + 7^0 + 12^1 + 21^2 + 26^0 = 35 + 70 + 121 + 212 + 260 \\ 698 &:= 3^5 + 8^0 + 12^1 + 21^2 + 25^0 = 35 + 80 + 121 + 212 + 250 \\ 698 &:= 3^5 + 9^0 + 12^1 + 21^2 + 24^0 = 35 + 90 + 121 + 212 + 240 \\ 698 &:= 4^0 + 4^4 + 14^1 + 20^2 + 27^1 = 40 + 44 + 141 + 202 + 271 \\ 698 &:= 4^0 + 4^4 + 15^1 + 20^2 + 26^1 = 40 + 44 + 151 + 202 + 261 \\ 698 &:= 4^0 + 4^4 + 16^1 + 20^2 + 25^1 = 40 + 44 + 161 + 202 + 251 \\ 698 &:= 4^0 + 4^4 + 17^1 + 20^2 + 24^1 = 40 + 44 + 171 + 202 + 241 \\ 698 &:= 4^0 + 4^4 + 18^1 + 20^2 + 23^1 = 40 + 44 + 181 + 202 + 231 \\ 698 &:= 4^0 + 4^4 + 19^1 + 20^2 + 22^1 = 40 + 44 + 191 + 202 + 221 \\ 698 &:= 4^0 + 4^4 + 20^1 + 20^2 + 21^1 = 40 + 44 + 201 + 202 + 211 \\ 698 &:= 4^0 + 5^3 + 16^2 + 17^2 + 27^1 = 40 + 53 + 162 + 172 + 271 \\ 698 &:= 4^2 + 13^2 + 16^2 + 16^2 + 20^0 = 42 + 132 + 162 + 162 + 200 \\ 698 &:= 4^2 + 14^2 + 14^2 + 17^2 + 20^0 = 42 + 142 + 142 + 172 + 200 \\ 698 &:= 4^2 + 5^2 + 16^2 + 20^2 + 24^0 = 42 + 52 + 162 + 202 + 240 \\ 698 &:= 4^2 + 5^3 + 10^0 + 23^2 + 27^1 = 42 + 53 + 100 + 232 + 271 \\ 698 &:= 4^2 + 6^3 + 14^0 + 21^2 + 24^1 = 42 + 63 + 140 + 212 + 241 \\ 698 &:= 4^2 + 7^3 + 14^1 + 18^2 + 26^0 = 42 + 73 + 141 + 182 + 260 \\ 698 &:= 4^2 + 8^2 + 16^2 + 19^2 + 22^0 = 42 + 82 + 162 + 192 + 220 \\ 698 &:= 4^2 + 8^3 + 12^2 + 20^0 + 25^1 = 42 + 83 + 122 + 200 + 251 \\ 698 &:= 4^3 + 10^0 + 17^2 + 18^2 + 20^1 = 43 + 100 + 172 + 182 + 201 \\ 698 &:= 4^3 + 14^0 + 16^1 + 16^2 + 19^2 = 43 + 140 + 161 + 162 + 192 \\ 698 &:= 4^3 + 5^1 + 12^2 + 22^2 + 26^0 = 43 + 51 + 122 + 222 + 260 \\ 698 &:= 4^3 + 5^4 + 7^1 + 26^0 + 27^0 = 43 + 54 + 71 + 260 + 270 \\ 698 &:= 4^3 + 6^2 + 14^0 + 21^1 + 24^2 = 43 + 62 + 140 + 211 + 242 \\ 698 &:= 4^3 + 7^2 + 8^1 + 24^2 + 26^0 = 43 + 72 + 81 + 242 + 260 \\ 698 &:= 4^3 + 7^3 + 14^0 + 17^2 + 27^0 = 43 + 73 + 140 + 172 + 270 \\ 698 &:= 4^3 + 7^3 + 15^0 + 17^2 + 26^0 = 43 + 73 + 150 + 172 + 260 \\ 698 &:= 4^3 + 7^3 + 16^0 + 17^2 + 25^0 = 43 + 73 + 160 + 172 + 250 \\ 698 &:= 4^3 + 7^3 + 17^0 + 17^2 + 24^0 = 43 + 73 + 170 + 172 + 240 \\ 698 &:= 4^3 + 7^3 + 17^2 + 18^0 + 23^0 = 43 + 73 + 172 + 180 + 230 \\ 698 &:= 4^3 + 7^3 + 17^2 + 19^0 + 22^0 = 43 + 73 + 172 + 190 + 220 \\ 698 &:= 4^3 + 7^3 + 17^2 + 20^0 + 21^0 = 43 + 73 + 172 + 200 + 210 \\ 698 &:= 4^3 + 8^0 + 13^2 + 21^2 + 23^1 = 43 + 80 + 132 + 212 + 231 \\ 698 &:= 4^3 + 8^1 + 15^2 + 20^2 + 22^0 = 43 + 81 + 152 + 202 + 220 \\ 698 &:= 4^3 + 9^2 + 10^0 + 23^1 + 23^2 = 43 + 92 + 100 + 231 + 232 \\ 698 &:= 5^2 + 5^3 + 18^0 + 18^1 + 23^2 = 52 + 53 + 180 + 181 + 232 \\ 698 &:= 5^2 + 5^4 + 12^0 + 20^1 + 27^1 = 52 + 54 + 120 + 201 + 271 \end{aligned}$$

$$\begin{aligned} 698 &:= 5^2 + 5^4 + 12^0 + 21^1 + 26^1 = 52 + 54 + 120 + 211 + 261 \\ 698 &:= 5^2 + 5^4 + 12^0 + 22^1 + 25^1 = 52 + 54 + 120 + 221 + 251 \\ 698 &:= 5^2 + 5^4 + 12^0 + 23^1 + 24^1 = 52 + 54 + 120 + 231 + 241 \\ 698 &:= 5^2 + 6^3 + 15^1 + 21^2 + 22^0 = 52 + 63 + 151 + 212 + 220 \\ 698 &:= 5^3 + 10^1 + 11^2 + 21^2 + 22^0 = 53 + 101 + 112 + 212 + 220 \\ 698 &:= 5^3 + 14^2 + 15^1 + 16^0 + 19^2 = 53 + 142 + 151 + 160 + 192 \\ 698 &:= 5^3 + 7^1 + 9^2 + 22^2 + 26^0 = 53 + 71 + 92 + 222 + 260 \\ 698 &:= 5^3 + 8^0 + 15^2 + 18^2 + 23^1 = 53 + 80 + 152 + 182 + 231 \\ 698 &:= 5^3 + 8^2 + 10^0 + 22^2 + 24^1 = 53 + 82 + 100 + 222 + 241 \\ 698 &:= 5^4 + 6^2 + 10^1 + 22^0 + 26^1 = 54 + 62 + 101 + 220 + 261 \\ 698 &:= 5^4 + 6^2 + 11^1 + 22^0 + 25^1 = 54 + 62 + 111 + 220 + 251 \\ 698 &:= 5^4 + 6^2 + 12^1 + 22^0 + 24^1 = 54 + 62 + 121 + 220 + 241 \\ 698 &:= 5^4 + 6^2 + 13^1 + 22^0 + 23^1 = 54 + 62 + 131 + 220 + 231 \\ 698 &:= 5^4 + 6^2 + 14^1 + 22^0 + 22^1 = 54 + 62 + 141 + 220 + 221 \\ 698 &:= 5^4 + 6^2 + 15^1 + 21^1 + 22^0 = 54 + 62 + 151 + 211 + 220 \\ 698 &:= 5^4 + 6^2 + 16^1 + 20^1 + 22^0 = 54 + 62 + 161 + 201 + 220 \\ 698 &:= 5^4 + 6^2 + 17^1 + 19^1 + 22^0 = 54 + 62 + 171 + 191 + 220 \\ 698 &:= 5^4 + 6^2 + 18^1 + 18^1 + 22^0 = 54 + 62 + 181 + 181 + 220 \\ 698 &:= 5^4 + 6^2 + 9^1 + 22^0 + 27^1 = 54 + 62 + 91 + 220 + 271 \\ 698 &:= 6^2 + 6^2 + 15^2 + 20^2 + 22^0 = 62 + 62 + 152 + 202 + 220 \\ 698 &:= 6^2 + 6^2 + 7^2 + 24^2 + 26^0 = 62 + 62 + 72 + 242 + 260 \\ 698 &:= 6^2 + 9^2 + 16^2 + 18^2 + 20^0 = 62 + 92 + 162 + 182 + 200 \\ 698 &:= 6^3 + 10^0 + 13^2 + 17^2 + 23^1 = 63 + 100 + 132 + 172 + 231 \\ 698 &:= 6^3 + 10^2 + 14^0 + 19^2 + 20^1 = 63 + 102 + 140 + 192 + 201 \\ 698 &:= 6^3 + 12^2 + 13^1 + 18^2 + 20^0 = 63 + 122 + 131 + 182 + 200 \\ 698 &:= 6^3 + 8^2 + 17^1 + 18^0 + 20^2 = 63 + 82 + 171 + 180 + 202 \\ 698 &:= 7^2 + 14^2 + 14^2 + 16^2 + 18^0 = 72 + 142 + 142 + 162 + 180 \\ 698 &:= 7^2 + 7^3 + 16^1 + 17^2 + 22^0 = 72 + 73 + 161 + 172 + 220 \\ 698 &:= 7^2 + 8^2 + 10^2 + 22^0 + 22^2 = 72 + 82 + 102 + 220 + 222 \\ 698 &:= 7^3 + 12^2 + 14^1 + 14^2 + 22^0 = 73 + 122 + 141 + 142 + 220 \\ 698 &:= 7^3 + 13^2 + 13^2 + 16^1 + 20^0 = 73 + 132 + 132 + 161 + 200 \\ 698 &:= 7^3 + 9^2 + 16^2 + 17^1 + 20^0 = 73 + 92 + 162 + 171 + 200 \\ 698 &:= 8^2 + 11^2 + 16^2 + 16^2 + 18^0 = 82 + 112 + 162 + 162 + 180 \\ 698 &:= 8^2 + 8^2 + 13^2 + 20^0 + 20^2 = 82 + 82 + 132 + 200 + 202 \\ 698 &:= 8^2 + 8^3 + 10^2 + 21^1 + 22^0 = 82 + 83 + 102 + 211 + 220 \\ 698 &:= 8^3 + 9^2 + 9^2 + 20^0 + 23^1 = 83 + 92 + 92 + 200 + 231 \end{aligned}$$

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$699 := 1^1 + 2^5 + 25^2 + 41^1$	$= 11 + 25 + 252 + 411$	$699 := 3^2 + 5^3 + 8^3 + 53^1$	$= 32 + 53 + 83 + 531$
$699 := 1^2 + 3^4 + 24^2 + 41^1$	$= 12 + 34 + 242 + 411$	$699 := 3^4 + 10^2 + 22^2 + 34^1$	$= 34 + 102 + 222 + 341$
$699 := 1^3 + 4^4 + 21^2 + 43^0$	$= 13 + 44 + 212 + 430$	$699 := 3^4 + 12^2 + 21^2 + 33^1$	$= 34 + 122 + 212 + 331$
$699 := 1^3 + 6^3 + 21^2 + 41^1$	$= 13 + 63 + 212 + 411$	$699 := 3^4 + 15^2 + 19^2 + 32^1$	$= 34 + 152 + 192 + 321$
$699 := 1^4 + 15^2 + 21^2 + 32^1$	$= 14 + 152 + 212 + 321$	$699 := 4^4 + 9^2 + 18^2 + 38^1$	$= 44 + 92 + 182 + 381$
$699 := 1^4 + 6^2 + 25^2 + 37^1$	$= 14 + 62 + 252 + 371$	$699 := 6^3 + 6^3 + 15^2 + 42^1$	$= 63 + 63 + 152 + 421$
$699 := 1^5 + 11^2 + 24^2 + 33^0$	$= 15 + 112 + 242 + 330$	$699 := 1^0 + 1^6 + 20^1 + 21^0 + 26^2$	$= 10 + 16 + 201 + 210 + 262$
$699 := 1^5 + 16^2 + 21^2 + 31^0$	$= 15 + 162 + 212 + 310$	$699 := 1^0 + 2^5 + 14^1 + 25^2 + 27^1$	$= 10 + 25 + 141 + 252 + 271$
$699 := 1^6 + 21^0 + 21^1 + 26^2$	$= 16 + 210 + 211 + 262$	$699 := 1^0 + 2^5 + 15^1 + 25^2 + 26^1$	$= 10 + 25 + 151 + 252 + 261$
$699 := 1^9 + 2^8 + 21^2 + 44^0$	$= 19 + 28 + 212 + 440$	$699 := 1^0 + 2^5 + 16^1 + 25^1 + 25^2$	$= 10 + 25 + 161 + 251 + 252$
$699 := 2^1 + 2^5 + 25^2 + 40^1$	$= 21 + 25 + 252 + 401$	$699 := 1^0 + 2^5 + 17^1 + 24^1 + 25^2$	$= 10 + 25 + 171 + 241 + 252$
$699 := 2^3 + 3^3 + 25^2 + 39^1$	$= 23 + 33 + 252 + 391$	$699 := 1^0 + 2^5 + 18^1 + 23^1 + 25^2$	$= 10 + 25 + 181 + 231 + 252$
$699 := 2^4 + 11^2 + 23^2 + 33^1$	$= 24 + 112 + 232 + 331$	$699 := 1^0 + 2^5 + 19^1 + 22^1 + 25^2$	$= 10 + 25 + 191 + 221 + 252$
$699 := 2^4 + 5^0 + 5^4 + 57^1$	$= 24 + 50 + 54 + 571$	$699 := 1^0 + 2^5 + 20^1 + 21^1 + 25^2$	$= 10 + 25 + 201 + 211 + 252$
$699 := 2^5 + 10^1 + 25^2 + 32^1$	$= 25 + 101 + 252 + 321$	$699 := 1^1 + 1^5 + 20^1 + 21^0 + 26^2$	$= 11 + 15 + 201 + 210 + 262$
$699 := 2^5 + 11^1 + 25^2 + 31^1$	$= 25 + 111 + 252 + 311$	$699 := 1^1 + 3^4 + 14^1 + 24^2 + 27^1$	$= 11 + 34 + 141 + 242 + 271$
$699 := 2^5 + 12^1 + 25^2 + 30^1$	$= 25 + 121 + 252 + 301$	$699 := 1^1 + 3^4 + 15^1 + 24^2 + 26^1$	$= 11 + 34 + 151 + 242 + 261$
$699 := 2^5 + 13^1 + 25^2 + 29^1$	$= 25 + 131 + 252 + 291$	$699 := 1^1 + 3^4 + 16^1 + 24^2 + 25^1$	$= 11 + 34 + 161 + 242 + 251$
$699 := 2^5 + 14^1 + 25^2 + 28^1$	$= 25 + 141 + 252 + 281$	$699 := 1^1 + 3^4 + 17^1 + 24^1 + 24^2$	$= 11 + 34 + 171 + 241 + 242$
$699 := 2^5 + 15^1 + 25^2 + 27^1$	$= 25 + 151 + 252 + 271$	$699 := 1^1 + 3^4 + 18^1 + 23^1 + 24^2$	$= 11 + 34 + 181 + 231 + 242$
$699 := 2^5 + 15^2 + 21^2 + 31^0$	$= 25 + 152 + 212 + 310$	$699 := 1^1 + 3^4 + 19^1 + 22^1 + 24^2$	$= 11 + 34 + 191 + 221 + 242$
$699 := 2^5 + 16^1 + 25^2 + 26^1$	$= 25 + 161 + 252 + 261$	$699 := 1^1 + 3^4 + 20^1 + 21^1 + 24^2$	$= 11 + 34 + 201 + 211 + 242$
$699 := 2^5 + 17^1 + 25^1 + 25^2$	$= 25 + 171 + 251 + 252$	$699 := 1^2 + 1^4 + 20^1 + 21^0 + 26^2$	$= 12 + 14 + 201 + 210 + 262$
$699 := 2^5 + 18^1 + 24^1 + 25^2$	$= 25 + 181 + 241 + 252$	$699 := 1^2 + 12^2 + 13^2 + 19^2 + 24^1$	$= 12 + 122 + 132 + 192 + 241$
$699 := 2^5 + 19^1 + 23^1 + 25^2$	$= 25 + 191 + 231 + 252$	$699 := 1^2 + 15^2 + 15^2 + 15^2 + 23^1$	$= 12 + 152 + 152 + 152 + 231$
$699 := 2^5 + 20^1 + 22^1 + 25^2$	$= 25 + 201 + 221 + 252$	$699 := 1^2 + 6^3 + 14^1 + 21^2 + 27^1$	$= 12 + 63 + 141 + 212 + 271$
$699 := 2^5 + 21^1 + 21^1 + 25^2$	$= 25 + 211 + 211 + 252$	$699 := 1^2 + 6^3 + 15^1 + 21^2 + 26^1$	$= 12 + 63 + 151 + 212 + 261$
$699 := 2^5 + 3^1 + 25^2 + 39^1$	$= 25 + 31 + 252 + 391$	$699 := 1^2 + 6^3 + 16^1 + 21^2 + 25^1$	$= 12 + 63 + 161 + 212 + 251$
$699 := 2^5 + 4^1 + 25^2 + 38^1$	$= 25 + 41 + 252 + 381$	$699 := 1^2 + 6^3 + 17^1 + 21^2 + 24^1$	$= 12 + 63 + 171 + 212 + 241$
$699 := 2^5 + 5^1 + 25^2 + 37^1$	$= 25 + 51 + 252 + 371$	$699 := 1^2 + 6^3 + 18^1 + 21^2 + 23^1$	$= 12 + 63 + 181 + 212 + 231$
$699 := 2^5 + 6^1 + 25^2 + 36^1$	$= 25 + 61 + 252 + 361$	$699 := 1^2 + 6^3 + 19^1 + 21^2 + 22^1$	$= 12 + 63 + 191 + 212 + 221$
$699 := 2^5 + 7^1 + 25^2 + 35^1$	$= 25 + 71 + 252 + 351$	$699 := 1^2 + 6^3 + 20^1 + 21^1 + 21^2$	$= 12 + 63 + 201 + 211 + 212$
$699 := 2^5 + 8^1 + 25^2 + 34^1$	$= 25 + 81 + 252 + 341$	$699 := 1^3 + 1^3 + 20^1 + 21^0 + 26^2$	$= 13 + 13 + 201 + 210 + 262$
$699 := 2^5 + 9^1 + 25^2 + 33^1$	$= 25 + 91 + 252 + 331$	$699 := 1^3 + 10^1 + 15^2 + 21^2 + 22^1$	$= 13 + 101 + 152 + 212 + 221$
$699 := 2^6 + 9^1 + 25^2 + 33^0$	$= 26 + 91 + 252 + 330$	$699 := 1^3 + 11^1 + 15^2 + 21^1 + 21^2$	$= 13 + 111 + 152 + 211 + 212$
$699 := 3^2 + 4^3 + 5^4 + 57^0$	$= 32 + 43 + 54 + 570$	$699 := 1^3 + 12^1 + 15^2 + 20^1 + 21^2$	$= 13 + 121 + 152 + 201 + 212$

$$\begin{aligned}
 699 &:= 1^3 + 13^1 + 15^2 + 19^1 + 21^2 = 13 + 131 + 152 + 191 + 212 & 699 &:= 1^6 + 10^0 + 12^0 + 20^1 + 26^2 = 16 + 100 + 120 + 201 + 262 \\
 699 &:= 1^3 + 14^1 + 15^2 + 18^1 + 21^2 = 13 + 141 + 152 + 181 + 212 & 699 &:= 1^6 + 11^0 + 11^0 + 20^1 + 26^2 = 16 + 110 + 110 + 201 + 262 \\
 699 &:= 1^3 + 15^1 + 15^2 + 17^1 + 21^2 = 13 + 151 + 152 + 171 + 212 & 699 &:= 1^6 + 2^0 + 20^0 + 20^1 + 26^2 = 16 + 20 + 200 + 201 + 262 \\
 699 &:= 1^3 + 15^2 + 16^1 + 16^1 + 21^2 = 13 + 152 + 161 + 161 + 212 & 699 &:= 1^6 + 3^0 + 19^0 + 20^1 + 26^2 = 16 + 30 + 190 + 201 + 262 \\
 699 &:= 1^3 + 2^3 + 13^1 + 26^2 + 27^0 = 13 + 23 + 131 + 262 + 270 & 699 &:= 1^6 + 4^0 + 18^0 + 20^1 + 26^2 = 16 + 40 + 180 + 201 + 262 \\
 699 &:= 1^3 + 5^1 + 15^2 + 21^2 + 27^1 = 13 + 51 + 152 + 212 + 271 & 699 &:= 1^6 + 5^0 + 17^0 + 20^1 + 26^2 = 16 + 50 + 170 + 201 + 262 \\
 699 &:= 1^3 + 6^1 + 15^2 + 21^2 + 26^1 = 13 + 61 + 152 + 212 + 261 & 699 &:= 1^6 + 6^0 + 16^0 + 20^1 + 26^2 = 16 + 60 + 160 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 10^1 + 25^2 + 27^1 = 13 + 62 + 101 + 252 + 271 & 699 &:= 1^6 + 7^0 + 15^0 + 20^1 + 26^2 = 16 + 70 + 150 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 11^1 + 25^2 + 26^1 = 13 + 62 + 111 + 252 + 261 & 699 &:= 1^6 + 8^0 + 14^0 + 20^1 + 26^2 = 16 + 80 + 140 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 12^1 + 25^1 + 25^2 = 13 + 62 + 121 + 251 + 252 & 699 &:= 1^6 + 9^0 + 13^0 + 20^1 + 26^2 = 16 + 90 + 130 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 13^1 + 24^1 + 25^2 = 13 + 62 + 131 + 241 + 252 & 699 &:= 1^7 + 1^9 + 20^0 + 20^1 + 26^2 = 17 + 19 + 200 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 14^1 + 23^1 + 25^2 = 13 + 62 + 141 + 231 + 252 & 699 &:= 1^8 + 1^8 + 20^0 + 20^1 + 26^2 = 18 + 18 + 200 + 201 + 262 \\
 699 &:= 1^3 + 6^2 + 15^1 + 22^1 + 25^2 = 13 + 62 + 151 + 221 + 252 & 699 &:= 10^2 + 10^2 + 15^2 + 16^2 + 18^1 = 102 + 102 + 152 + 162 + 181 \\
 699 &:= 1^3 + 6^2 + 16^1 + 21^1 + 25^2 = 13 + 62 + 161 + 211 + 252 & 699 &:= 11^2 + 13^2 + 14^2 + 14^2 + 17^1 = 112 + 132 + 142 + 142 + 171 \\
 699 &:= 1^3 + 6^2 + 17^1 + 20^1 + 25^2 = 13 + 62 + 171 + 201 + 252 & 699 &:= 12^2 + 12^2 + 13^2 + 15^2 + 17^1 = 122 + 122 + 132 + 152 + 171 \\
 699 &:= 1^3 + 6^2 + 18^1 + 19^1 + 25^2 = 13 + 62 + 181 + 191 + 252 & 699 &:= 2^1 + 3^4 + 13^1 + 24^2 + 27^1 = 21 + 34 + 131 + 242 + 271 \\
 699 &:= 1^3 + 7^1 + 15^2 + 21^2 + 25^1 = 13 + 71 + 152 + 212 + 251 & 699 &:= 2^1 + 3^4 + 14^1 + 24^2 + 26^1 = 21 + 34 + 141 + 242 + 261 \\
 699 &:= 1^3 + 7^2 + 18^2 + 18^2 + 25^0 = 13 + 72 + 182 + 182 + 250 & 699 &:= 2^1 + 3^4 + 15^1 + 24^2 + 25^1 = 21 + 34 + 151 + 242 + 251 \\
 699 &:= 1^3 + 8^1 + 15^2 + 21^2 + 24^1 = 13 + 81 + 152 + 212 + 241 & 699 &:= 2^1 + 3^4 + 16^1 + 24^1 + 24^2 = 21 + 34 + 161 + 241 + 242 \\
 699 &:= 1^3 + 9^1 + 15^2 + 21^2 + 23^1 = 13 + 91 + 152 + 212 + 231 & 699 &:= 2^1 + 3^4 + 17^1 + 23^1 + 24^2 = 21 + 34 + 171 + 231 + 242 \\
 699 &:= 1^4 + 10^2 + 13^0 + 21^1 + 24^2 = 14 + 102 + 130 + 211 + 242 & 699 &:= 2^1 + 3^4 + 18^1 + 22^1 + 24^2 = 21 + 34 + 181 + 221 + 242 \\
 699 &:= 1^4 + 12^1 + 18^2 + 19^0 + 19^2 = 14 + 121 + 182 + 190 + 192 & 699 &:= 2^1 + 3^4 + 19^1 + 21^1 + 24^2 = 21 + 34 + 191 + 211 + 242 \\
 699 &:= 1^4 + 14^2 + 15^0 + 17^1 + 22^2 = 14 + 142 + 150 + 171 + 222 & 699 &:= 2^1 + 3^4 + 20^1 + 20^1 + 24^2 = 21 + 34 + 201 + 201 + 242 \\
 699 &:= 1^4 + 2^2 + 17^1 + 23^0 + 26^2 = 14 + 22 + 171 + 230 + 262 & 699 &:= 2^2 + 8^2 + 11^2 + 22^2 + 26^1 = 22 + 82 + 112 + 222 + 261 \\
 699 &:= 1^4 + 3^2 + 12^1 + 26^2 + 27^0 = 14 + 32 + 121 + 262 + 270 & 699 &:= 2^3 + 11^2 + 13^2 + 20^2 + 23^0 = 23 + 112 + 132 + 202 + 230 \\
 699 &:= 1^4 + 7^2 + 13^0 + 23^1 + 25^2 = 14 + 72 + 130 + 231 + 252 & 699 &:= 2^3 + 5^4 + 8^2 + 27^0 + 27^0 = 23 + 54 + 82 + 270 + 270 \\
 699 &:= 1^4 + 8^1 + 17^2 + 20^2 + 23^0 = 14 + 81 + 172 + 202 + 230 & 699 &:= 2^3 + 7^1 + 9^2 + 24^2 + 27^1 = 23 + 71 + 92 + 242 + 271 \\
 699 &:= 1^4 + 8^1 + 8^2 + 25^2 + 27^0 = 14 + 81 + 82 + 252 + 270 & 699 &:= 2^3 + 7^3 + 18^2 + 19^0 + 23^1 = 23 + 73 + 182 + 190 + 231 \\
 699 &:= 1^4 + 9^0 + 12^2 + 23^2 + 24^1 = 14 + 90 + 122 + 232 + 241 & 699 &:= 2^3 + 8^1 + 9^2 + 24^2 + 26^1 = 23 + 81 + 92 + 242 + 261 \\
 699 &:= 1^5 + 10^1 + 11^1 + 21^0 + 26^2 = 15 + 101 + 111 + 210 + 262 & 699 &:= 2^3 + 9^1 + 9^2 + 24^2 + 25^1 = 23 + 91 + 92 + 242 + 251 \\
 699 &:= 1^5 + 2^1 + 19^1 + 21^0 + 26^2 = 15 + 21 + 191 + 210 + 262 & 699 &:= 2^3 + 9^2 + 10^1 + 24^1 + 24^2 = 23 + 92 + 101 + 241 + 242 \\
 699 &:= 1^5 + 3^1 + 18^1 + 21^0 + 26^2 = 15 + 31 + 181 + 210 + 262 & 699 &:= 2^3 + 9^2 + 11^1 + 23^1 + 24^2 = 23 + 92 + 111 + 231 + 242 \\
 699 &:= 1^5 + 4^1 + 17^1 + 21^0 + 26^2 = 15 + 41 + 171 + 210 + 262 & 699 &:= 2^3 + 9^2 + 12^1 + 22^1 + 24^2 = 23 + 92 + 121 + 221 + 242 \\
 699 &:= 1^5 + 5^1 + 16^1 + 21^0 + 26^2 = 15 + 51 + 161 + 210 + 262 & 699 &:= 2^3 + 9^2 + 13^1 + 21^1 + 24^2 = 23 + 92 + 131 + 211 + 242 \\
 699 &:= 1^5 + 6^1 + 15^1 + 21^0 + 26^2 = 15 + 61 + 151 + 210 + 262 & 699 &:= 2^3 + 9^2 + 14^1 + 20^1 + 24^2 = 23 + 92 + 141 + 201 + 242 \\
 699 &:= 1^5 + 7^1 + 14^1 + 21^0 + 26^2 = 15 + 71 + 141 + 210 + 262 & 699 &:= 2^3 + 9^2 + 15^1 + 19^1 + 24^2 = 23 + 92 + 151 + 191 + 242 \\
 699 &:= 1^5 + 8^1 + 13^1 + 21^0 + 26^2 = 15 + 81 + 131 + 210 + 262 & 699 &:= 2^3 + 9^2 + 16^1 + 18^1 + 24^2 = 23 + 92 + 161 + 181 + 242 \\
 699 &:= 1^5 + 9^1 + 12^1 + 21^0 + 26^2 = 15 + 91 + 121 + 210 + 262 & 699 &:= 2^3 + 9^2 + 17^1 + 17^1 + 24^2 = 23 + 92 + 171 + 171 + 242
 \end{aligned}$$

$$\begin{aligned} 699 &:= 2^4 + 15^0 + 15^2 + 16^1 + 21^2 = 24 + 150 + 152 + 161 + 212 & 699 &:= 3^2 + 3^3 + 18^1 + 20^1 + 25^2 = 32 + 33 + 181 + 201 + 252 \\ 699 &:= 2^4 + 5^0 + 16^2 + 20^2 + 26^1 = 24 + 50 + 162 + 202 + 261 & 699 &:= 3^2 + 3^3 + 19^1 + 19^1 + 25^2 = 32 + 33 + 191 + 191 + 252 \\ 699 &:= 2^4 + 6^1 + 10^2 + 24^2 + 27^0 = 24 + 61 + 102 + 242 + 270 & 699 &:= 3^2 + 4^2 + 18^2 + 18^2 + 26^1 = 32 + 42 + 182 + 182 + 261 \\ 699 &:= 2^4 + 6^2 + 15^0 + 21^1 + 25^2 = 24 + 62 + 150 + 211 + 252 & 699 &:= 3^2 + 4^3 + 15^2 + 20^2 + 27^0 = 32 + 43 + 152 + 202 + 270 \\ 699 &:= 2^4 + 7^2 + 8^1 + 25^2 + 27^0 = 24 + 72 + 81 + 252 + 270 & 699 &:= 3^2 + 6^2 + 12^2 + 22^2 + 26^1 = 32 + 62 + 122 + 222 + 261 \\ 699 &:= 2^4 + 8^3 + 13^2 + 19^0 + 27^0 = 24 + 83 + 132 + 190 + 270 & 699 &:= 3^2 + 7^2 + 16^2 + 19^2 + 24^1 = 32 + 72 + 162 + 192 + 241 \\ 699 &:= 2^4 + 8^3 + 13^2 + 20^0 + 26^0 = 24 + 83 + 132 + 200 + 260 & 699 &:= 3^2 + 9^2 + 10^2 + 22^2 + 25^1 = 32 + 92 + 102 + 222 + 251 \\ 699 &:= 2^4 + 8^3 + 13^2 + 21^0 + 25^0 = 24 + 83 + 132 + 210 + 250 & 699 &:= 3^2 + 9^2 + 12^2 + 21^2 + 24^1 = 32 + 92 + 122 + 212 + 241 \\ 699 &:= 2^4 + 8^3 + 13^2 + 22^0 + 24^0 = 24 + 83 + 132 + 220 + 240 & 699 &:= 3^2 + 9^2 + 15^2 + 19^2 + 23^1 = 32 + 92 + 152 + 192 + 231 \\ 699 &:= 2^4 + 8^3 + 13^2 + 23^0 + 23^0 = 24 + 83 + 132 + 230 + 230 & 699 &:= 3^3 + 3^3 + 19^0 + 19^1 + 25^2 = 33 + 33 + 190 + 191 + 252 \\ 699 &:= 2^4 + 9^0 + 9^2 + 24^2 + 25^1 = 24 + 90 + 92 + 242 + 251 & 699 &:= 3^3 + 5^3 + 17^1 + 21^0 + 23^2 = 33 + 53 + 171 + 210 + 232 \\ 699 &:= 2^4 + 9^1 + 12^2 + 23^0 + 23^2 = 24 + 91 + 122 + 230 + 232 & 699 &:= 3^3 + 5^4 + 15^0 + 19^1 + 27^1 = 33 + 54 + 150 + 191 + 271 \\ 699 &:= 2^6 + 7^0 + 8^1 + 25^2 + 27^0 = 26 + 70 + 81 + 252 + 270 & 699 &:= 3^3 + 5^4 + 15^0 + 20^1 + 26^1 = 33 + 54 + 150 + 201 + 261 \\ 699 &:= 2^6 + 8^0 + 8^1 + 25^2 + 26^0 = 26 + 80 + 81 + 252 + 260 & 699 &:= 3^3 + 5^4 + 15^0 + 21^1 + 25^1 = 33 + 54 + 150 + 211 + 251 \\ 699 &:= 2^6 + 8^1 + 10^0 + 24^0 + 25^2 = 26 + 81 + 100 + 240 + 252 & 699 &:= 3^3 + 5^4 + 15^0 + 22^1 + 24^1 = 33 + 54 + 150 + 221 + 241 \\ 699 &:= 2^6 + 8^1 + 11^0 + 23^0 + 25^2 = 26 + 81 + 110 + 230 + 252 & 699 &:= 3^3 + 5^4 + 15^0 + 23^1 + 23^1 = 33 + 54 + 150 + 231 + 231 \\ 699 &:= 2^6 + 8^1 + 12^0 + 22^0 + 25^2 = 26 + 81 + 120 + 220 + 252 & 699 &:= 3^3 + 6^3 + 14^1 + 21^2 + 25^0 = 33 + 63 + 141 + 212 + 250 \\ 699 &:= 2^6 + 8^1 + 13^0 + 21^0 + 25^2 = 26 + 81 + 130 + 210 + 252 & 699 &:= 3^4 + 10^1 + 10^1 + 22^1 + 24^2 = 34 + 101 + 101 + 221 + 242 \\ 699 &:= 2^6 + 8^1 + 14^0 + 20^0 + 25^2 = 26 + 81 + 140 + 200 + 252 & 699 &:= 3^4 + 10^1 + 11^1 + 21^1 + 24^2 = 34 + 101 + 111 + 211 + 242 \\ 699 &:= 2^6 + 8^1 + 15^0 + 19^0 + 25^2 = 26 + 81 + 150 + 190 + 252 & 699 &:= 3^4 + 10^1 + 12^1 + 20^1 + 24^2 = 34 + 101 + 121 + 201 + 242 \\ 699 &:= 2^6 + 8^1 + 16^0 + 18^0 + 25^2 = 26 + 81 + 160 + 180 + 252 & 699 &:= 3^4 + 10^1 + 13^1 + 19^1 + 24^2 = 34 + 101 + 131 + 191 + 242 \\ 699 &:= 2^6 + 8^1 + 17^0 + 17^0 + 25^2 = 26 + 81 + 170 + 170 + 252 & 699 &:= 3^4 + 10^1 + 14^1 + 18^1 + 24^2 = 34 + 101 + 141 + 181 + 242 \\ 699 &:= 2^6 + 8^1 + 9^0 + 25^0 + 25^2 = 26 + 81 + 90 + 250 + 252 & 699 &:= 3^4 + 10^1 + 15^1 + 17^1 + 24^2 = 34 + 101 + 151 + 171 + 242 \\ 699 &:= 3^1 + 3^4 + 12^1 + 24^2 + 27^1 = 31 + 34 + 121 + 242 + 271 & 699 &:= 3^4 + 10^1 + 16^1 + 16^1 + 24^2 = 34 + 101 + 161 + 161 + 242 \\ 699 &:= 3^1 + 3^4 + 13^1 + 24^2 + 26^1 = 31 + 34 + 131 + 242 + 261 & 699 &:= 3^4 + 11^0 + 14^2 + 20^2 + 21^1 = 34 + 110 + 142 + 202 + 211 \\ 699 &:= 3^1 + 3^4 + 14^1 + 24^2 + 25^1 = 31 + 34 + 141 + 242 + 251 & 699 &:= 3^4 + 11^1 + 11^1 + 20^1 + 24^2 = 34 + 111 + 111 + 201 + 242 \\ 699 &:= 3^1 + 3^4 + 15^1 + 24^1 + 24^2 = 31 + 34 + 151 + 241 + 242 & 699 &:= 3^4 + 11^1 + 12^1 + 19^1 + 24^2 = 34 + 111 + 121 + 191 + 242 \\ 699 &:= 3^1 + 3^4 + 16^1 + 23^1 + 24^2 = 31 + 34 + 161 + 231 + 242 & 699 &:= 3^4 + 11^1 + 13^1 + 18^1 + 24^2 = 34 + 111 + 131 + 181 + 242 \\ 699 &:= 3^1 + 3^4 + 17^1 + 22^1 + 24^2 = 31 + 34 + 171 + 221 + 242 & 699 &:= 3^4 + 11^1 + 14^1 + 17^1 + 24^2 = 34 + 111 + 141 + 171 + 242 \\ 699 &:= 3^1 + 3^4 + 18^1 + 21^1 + 24^2 = 31 + 34 + 181 + 211 + 242 & 699 &:= 3^4 + 11^1 + 15^1 + 16^1 + 24^2 = 34 + 111 + 151 + 161 + 242 \\ 699 &:= 3^1 + 3^4 + 19^1 + 20^1 + 24^2 = 31 + 34 + 191 + 201 + 242 & 699 &:= 3^4 + 11^2 + 12^1 + 21^0 + 22^2 = 34 + 112 + 121 + 210 + 222 \\ 699 &:= 3^2 + 3^3 + 11^1 + 25^2 + 27^1 = 32 + 33 + 111 + 252 + 271 & 699 &:= 3^4 + 12^1 + 12^1 + 18^1 + 24^2 = 34 + 121 + 121 + 181 + 242 \\ 699 &:= 3^2 + 3^3 + 12^1 + 25^2 + 26^1 = 32 + 33 + 121 + 252 + 261 & 699 &:= 3^4 + 12^1 + 13^1 + 17^1 + 24^2 = 34 + 121 + 131 + 171 + 242 \\ 699 &:= 3^2 + 3^3 + 13^1 + 25^1 + 25^2 = 32 + 33 + 131 + 251 + 252 & 699 &:= 3^4 + 12^1 + 14^1 + 16^1 + 24^2 = 34 + 121 + 141 + 161 + 242 \\ 699 &:= 3^2 + 3^3 + 14^1 + 24^1 + 25^2 = 32 + 33 + 141 + 241 + 252 & 699 &:= 3^4 + 12^1 + 15^1 + 15^1 + 24^2 = 34 + 121 + 151 + 151 + 242 \\ 699 &:= 3^2 + 3^3 + 15^1 + 23^1 + 25^2 = 32 + 33 + 151 + 231 + 252 & 699 &:= 3^4 + 13^1 + 13^1 + 16^1 + 24^2 = 34 + 131 + 131 + 161 + 242 \\ 699 &:= 3^2 + 3^3 + 16^1 + 22^1 + 25^2 = 32 + 33 + 161 + 221 + 252 & 699 &:= 3^4 + 13^1 + 14^1 + 15^1 + 24^2 = 34 + 131 + 141 + 151 + 242 \\ 699 &:= 3^2 + 3^3 + 17^1 + 21^1 + 25^2 = 32 + 33 + 171 + 211 + 252 & 699 &:= 3^4 + 14^1 + 14^1 + 14^1 + 24^2 = 34 + 141 + 141 + 141 + 242 \end{aligned}$$

$$\begin{aligned} 699 &:= 3^4 + 4^1 + 11^1 + 24^2 + 27^1 = 34 + 41 + 111 + 242 + 271 & 699 &:= 3^4 + 6^3 + 20^0 + 20^0 + 20^2 = 34 + 63 + 200 + 200 + 202 \\ 699 &:= 3^4 + 4^1 + 12^1 + 24^2 + 26^1 = 34 + 41 + 121 + 242 + 261 & 699 &:= 3^4 + 7^1 + 10^1 + 24^2 + 25^1 = 34 + 71 + 101 + 242 + 251 \\ 699 &:= 3^4 + 4^1 + 13^1 + 24^2 + 25^1 = 34 + 41 + 131 + 242 + 251 & 699 &:= 3^4 + 7^1 + 11^1 + 24^1 + 24^2 = 34 + 71 + 111 + 241 + 242 \\ 699 &:= 3^4 + 4^1 + 14^1 + 24^1 + 24^2 = 34 + 41 + 141 + 241 + 242 & 699 &:= 3^4 + 7^1 + 12^1 + 23^1 + 24^2 = 34 + 71 + 121 + 231 + 242 \\ 699 &:= 3^4 + 4^1 + 15^1 + 23^1 + 24^2 = 34 + 41 + 151 + 231 + 242 & 699 &:= 3^4 + 7^1 + 13^1 + 22^1 + 24^2 = 34 + 71 + 131 + 221 + 242 \\ 699 &:= 3^4 + 4^1 + 16^1 + 22^1 + 24^2 = 34 + 41 + 161 + 221 + 242 & 699 &:= 3^4 + 7^1 + 13^2 + 21^2 + 25^0 = 34 + 71 + 132 + 212 + 250 \\ 699 &:= 3^4 + 4^1 + 17^1 + 21^1 + 24^2 = 34 + 41 + 171 + 211 + 242 & 699 &:= 3^4 + 7^1 + 14^1 + 21^1 + 24^2 = 34 + 71 + 141 + 211 + 242 \\ 699 &:= 3^4 + 4^1 + 17^2 + 18^2 + 27^0 = 34 + 41 + 172 + 182 + 270 & 699 &:= 3^4 + 7^1 + 15^1 + 20^1 + 24^2 = 34 + 71 + 151 + 201 + 242 \\ 699 &:= 3^4 + 4^1 + 18^1 + 20^1 + 24^2 = 34 + 41 + 181 + 201 + 242 & 699 &:= 3^4 + 7^1 + 16^1 + 19^1 + 24^2 = 34 + 71 + 161 + 191 + 242 \\ 699 &:= 3^4 + 4^1 + 19^1 + 19^1 + 24^2 = 34 + 41 + 191 + 191 + 242 & 699 &:= 3^4 + 7^1 + 17^1 + 18^1 + 24^2 = 34 + 71 + 171 + 181 + 242 \\ 699 &:= 3^4 + 4^2 + 13^0 + 24^2 + 25^1 = 34 + 42 + 130 + 242 + 251 & 699 &:= 3^4 + 7^1 + 8^1 + 24^2 + 27^1 = 34 + 71 + 81 + 242 + 271 \\ 699 &:= 3^4 + 5^1 + 10^1 + 24^2 + 27^1 = 34 + 51 + 101 + 242 + 271 & 699 &:= 3^4 + 7^1 + 9^1 + 24^2 + 26^1 = 34 + 71 + 91 + 242 + 261 \\ 699 &:= 3^4 + 5^1 + 11^1 + 24^2 + 26^1 = 34 + 51 + 111 + 242 + 261 & 699 &:= 3^4 + 7^1 + 9^2 + 23^2 + 27^0 = 34 + 71 + 92 + 232 + 270 \\ 699 &:= 3^4 + 5^1 + 12^1 + 24^2 + 25^1 = 34 + 51 + 121 + 242 + 251 & 699 &:= 3^4 + 8^1 + 10^1 + 24^1 + 24^2 = 34 + 81 + 101 + 241 + 242 \\ 699 &:= 3^4 + 5^1 + 13^1 + 24^1 + 24^2 = 34 + 51 + 131 + 241 + 242 & 699 &:= 3^4 + 8^1 + 11^1 + 23^1 + 24^2 = 34 + 81 + 111 + 231 + 242 \\ 699 &:= 3^4 + 5^1 + 14^1 + 23^1 + 24^2 = 34 + 51 + 141 + 231 + 242 & 699 &:= 3^4 + 8^1 + 12^1 + 22^1 + 24^2 = 34 + 81 + 121 + 221 + 242 \\ 699 &:= 3^4 + 5^1 + 15^1 + 22^1 + 24^2 = 34 + 51 + 151 + 221 + 242 & 699 &:= 3^4 + 8^1 + 13^1 + 21^1 + 24^2 = 34 + 81 + 131 + 211 + 242 \\ 699 &:= 3^4 + 5^1 + 16^1 + 21^1 + 24^2 = 34 + 51 + 161 + 211 + 242 & 699 &:= 3^4 + 8^1 + 14^1 + 20^1 + 24^2 = 34 + 81 + 141 + 201 + 242 \\ 699 &:= 3^4 + 5^1 + 17^1 + 20^1 + 24^2 = 34 + 51 + 171 + 201 + 242 & 699 &:= 3^4 + 8^1 + 15^1 + 19^1 + 24^2 = 34 + 81 + 151 + 191 + 242 \\ 699 &:= 3^4 + 5^1 + 18^1 + 19^1 + 24^2 = 34 + 51 + 181 + 191 + 242 & 699 &:= 3^4 + 8^1 + 16^1 + 18^1 + 24^2 = 34 + 81 + 161 + 181 + 242 \\ 699 &:= 3^4 + 5^2 + 16^1 + 21^0 + 24^2 = 34 + 52 + 161 + 210 + 242 & 699 &:= 3^4 + 8^1 + 17^1 + 17^1 + 24^2 = 34 + 81 + 171 + 171 + 242 \\ 699 &:= 3^4 + 6^1 + 10^1 + 24^2 + 26^1 = 34 + 61 + 101 + 242 + 261 & 699 &:= 3^4 + 8^1 + 8^1 + 24^2 + 26^1 = 34 + 81 + 81 + 242 + 261 \\ 699 &:= 3^4 + 6^1 + 11^1 + 24^2 + 25^1 = 34 + 61 + 111 + 242 + 251 & 699 &:= 3^4 + 8^1 + 9^1 + 24^2 + 25^1 = 34 + 81 + 91 + 242 + 251 \\ 699 &:= 3^4 + 6^1 + 12^1 + 24^1 + 24^2 = 34 + 61 + 121 + 241 + 242 & 699 &:= 3^4 + 8^2 + 11^0 + 23^2 + 24^1 = 34 + 82 + 110 + 232 + 241 \\ 699 &:= 3^4 + 6^1 + 13^1 + 23^1 + 24^2 = 34 + 61 + 131 + 231 + 242 & 699 &:= 3^4 + 9^1 + 10^1 + 23^1 + 24^2 = 34 + 91 + 101 + 231 + 242 \\ 699 &:= 3^4 + 6^1 + 14^1 + 22^1 + 24^2 = 34 + 61 + 141 + 221 + 242 & 699 &:= 3^4 + 9^1 + 11^1 + 22^1 + 24^2 = 34 + 91 + 111 + 221 + 242 \\ 699 &:= 3^4 + 6^1 + 15^1 + 21^1 + 24^2 = 34 + 61 + 151 + 211 + 242 & 699 &:= 3^4 + 9^1 + 12^1 + 21^1 + 24^2 = 34 + 91 + 121 + 211 + 242 \\ 699 &:= 3^4 + 6^1 + 16^1 + 20^1 + 24^2 = 34 + 61 + 161 + 201 + 242 & 699 &:= 3^4 + 9^1 + 13^1 + 20^1 + 24^2 = 34 + 91 + 131 + 201 + 242 \\ 699 &:= 3^4 + 6^1 + 17^1 + 19^1 + 24^2 = 34 + 61 + 171 + 191 + 242 & 699 &:= 3^4 + 9^1 + 14^1 + 19^1 + 24^2 = 34 + 91 + 141 + 191 + 242 \\ 699 &:= 3^4 + 6^1 + 18^1 + 18^1 + 24^2 = 34 + 61 + 181 + 181 + 242 & 699 &:= 3^4 + 9^1 + 15^1 + 18^1 + 24^2 = 34 + 91 + 151 + 181 + 242 \\ 699 &:= 3^4 + 6^1 + 9^1 + 24^2 + 27^1 = 34 + 61 + 91 + 242 + 271 & 699 &:= 3^4 + 9^1 + 16^1 + 17^1 + 24^2 = 34 + 91 + 161 + 171 + 242 \\ 699 &:= 3^4 + 6^3 + 13^0 + 20^2 + 27^0 = 34 + 63 + 130 + 202 + 270 & 699 &:= 3^4 + 9^1 + 9^1 + 24^1 + 24^2 = 34 + 91 + 91 + 241 + 242 \\ 699 &:= 3^4 + 6^3 + 14^0 + 20^2 + 26^0 = 34 + 63 + 140 + 202 + 260 & 699 &:= 4^2 + 13^2 + 13^2 + 18^2 + 21^1 = 42 + 132 + 132 + 182 + 211 \\ 699 &:= 3^4 + 6^3 + 15^0 + 20^2 + 25^0 = 34 + 63 + 150 + 202 + 250 & 699 &:= 4^2 + 4^4 + 15^0 + 20^2 + 26^1 = 42 + 44 + 150 + 202 + 261 \\ 699 &:= 3^4 + 6^3 + 16^0 + 20^2 + 24^0 = 34 + 63 + 160 + 202 + 240 & 699 &:= 4^2 + 5^3 + 14^2 + 19^2 + 27^0 = 42 + 53 + 142 + 192 + 270 \\ 699 &:= 3^4 + 6^3 + 17^0 + 20^2 + 23^0 = 34 + 63 + 170 + 202 + 230 & 699 &:= 4^2 + 7^2 + 13^2 + 21^2 + 24^1 = 42 + 72 + 132 + 212 + 241 \\ 699 &:= 3^4 + 6^3 + 18^0 + 20^2 + 22^0 = 34 + 63 + 180 + 202 + 220 & 699 &:= 4^2 + 8^2 + 14^2 + 20^2 + 23^1 = 42 + 82 + 142 + 202 + 231 \\ 699 &:= 3^4 + 6^3 + 19^0 + 20^2 + 21^0 = 34 + 63 + 190 + 202 + 210 & 699 &:= 4^2 + 8^2 + 8^2 + 23^2 + 26^1 = 42 + 82 + 82 + 232 + 261 \end{aligned}$$

$699 := 4^2 + 9^2 + 16^2 + 18^2 + 22^1 = 42 + 92 + 162 + 182 + 221$	$699 := 5^3 + 6^2 + 8^3 + 25^0 + 25^1 = 53 + 62 + 83 + 250 + 251$
$699 := 4^3 + 5^3 + 13^0 + 22^2 + 25^1 = 43 + 53 + 130 + 222 + 251$	$699 := 5^3 + 7^1 + 10^2 + 21^2 + 26^1 = 53 + 71 + 102 + 212 + 261$
$699 := 4^3 + 6^3 + 18^1 + 20^2 + 21^0 = 43 + 63 + 181 + 202 + 210$	$699 := 5^3 + 8^1 + 10^2 + 21^2 + 25^1 = 53 + 81 + 102 + 212 + 251$
$699 := 4^3 + 7^2 + 12^2 + 21^2 + 25^0 = 43 + 72 + 122 + 212 + 250$	$699 := 5^3 + 9^1 + 10^2 + 21^2 + 24^1 = 53 + 91 + 102 + 212 + 241$
$699 := 4^3 + 8^3 + 10^2 + 22^1 + 25^0 = 43 + 83 + 102 + 221 + 250$	$699 := 6^1 + 6^3 + 15^2 + 15^2 + 27^1 = 61 + 63 + 152 + 152 + 271$
$699 := 4^4 + 10^2 + 18^1 + 18^2 + 19^0 = 44 + 102 + 181 + 182 + 190$	$699 := 6^2 + 10^2 + 10^2 + 21^2 + 22^1 = 62 + 102 + 102 + 212 + 221$
$699 := 4^4 + 13^2 + 16^2 + 17^1 + 19^0 = 44 + 132 + 162 + 171 + 190$	$699 := 6^2 + 11^2 + 11^2 + 20^2 + 21^1 = 62 + 112 + 112 + 202 + 211$
$699 := 4^4 + 14^2 + 15^0 + 15^2 + 21^1 = 44 + 142 + 150 + 152 + 211$	$699 := 6^2 + 8^2 + 17^2 + 17^2 + 21^1 = 62 + 82 + 172 + 172 + 211$
$699 := 4^4 + 5^2 + 17^1 + 20^2 + 23^0 = 44 + 52 + 171 + 202 + 230$	$699 := 6^3 + 10^1 + 15^2 + 15^2 + 23^1 = 63 + 101 + 152 + 152 + 231$
$699 := 4^4 + 6^3 + 15^2 + 17^0 + 27^0 = 44 + 63 + 152 + 170 + 270$	$699 := 6^3 + 11^1 + 15^2 + 15^2 + 22^1 = 63 + 111 + 152 + 152 + 221$
$699 := 4^4 + 6^3 + 15^2 + 18^0 + 26^0 = 44 + 63 + 152 + 180 + 260$	$699 := 6^3 + 12^1 + 15^2 + 15^2 + 21^1 = 63 + 121 + 152 + 152 + 211$
$699 := 4^4 + 6^3 + 15^2 + 19^0 + 25^0 = 44 + 63 + 152 + 190 + 250$	$699 := 6^3 + 12^2 + 13^2 + 13^2 + 25^0 = 63 + 122 + 132 + 132 + 250$
$699 := 4^4 + 6^3 + 15^2 + 20^0 + 24^0 = 44 + 63 + 152 + 200 + 240$	$699 := 6^3 + 13^1 + 15^2 + 15^2 + 20^1 = 63 + 131 + 152 + 152 + 201$
$699 := 4^4 + 6^3 + 15^2 + 21^0 + 23^0 = 44 + 63 + 152 + 210 + 230$	$699 := 6^3 + 14^1 + 15^2 + 15^2 + 19^1 = 63 + 141 + 152 + 152 + 191$
$699 := 4^4 + 6^3 + 15^2 + 22^0 + 22^0 = 44 + 63 + 152 + 220 + 220$	$699 := 6^3 + 15^1 + 15^2 + 15^2 + 18^1 = 63 + 151 + 152 + 152 + 181$
$699 := 4^4 + 8^2 + 17^1 + 19^2 + 21^0 = 44 + 82 + 171 + 192 + 210$	$699 := 6^3 + 15^2 + 15^2 + 16^1 + 17^1 = 63 + 152 + 152 + 161 + 171$
$699 := 4^4 + 9^1 + 12^2 + 17^2 + 27^0 = 44 + 91 + 122 + 172 + 270$	$699 := 6^3 + 7^1 + 15^2 + 15^2 + 26^1 = 63 + 71 + 152 + 152 + 261$
$699 := 5^2 + 13^2 + 14^2 + 17^2 + 20^1 = 52 + 132 + 142 + 172 + 201$	$699 := 6^3 + 7^2 + 12^2 + 17^2 + 27^0 = 63 + 72 + 122 + 172 + 270$
$699 := 5^2 + 5^2 + 15^2 + 20^2 + 24^1 = 52 + 52 + 152 + 202 + 241$	$699 := 6^3 + 7^3 + 11^2 + 18^1 + 27^0 = 63 + 73 + 112 + 181 + 270$
$699 := 5^3 + 10^1 + 10^2 + 21^2 + 23^1 = 53 + 101 + 102 + 212 + 231$	$699 := 6^3 + 8^1 + 15^2 + 15^2 + 25^1 = 63 + 81 + 152 + 152 + 251$
$699 := 5^3 + 10^2 + 11^1 + 21^2 + 22^1 = 53 + 102 + 111 + 212 + 221$	$699 := 6^3 + 9^1 + 15^2 + 15^2 + 24^1 = 63 + 91 + 152 + 152 + 241$
$699 := 5^3 + 10^2 + 12^1 + 21^1 + 21^2 = 53 + 102 + 121 + 211 + 212$	$699 := 7^2 + 10^2 + 13^2 + 19^2 + 20^1 = 72 + 102 + 132 + 192 + 201$
$699 := 5^3 + 10^2 + 13^1 + 20^1 + 21^2 = 53 + 102 + 131 + 201 + 212$	$699 := 7^2 + 7^2 + 16^2 + 18^2 + 21^1 = 72 + 72 + 162 + 182 + 211$
$699 := 5^3 + 10^2 + 14^1 + 19^1 + 21^2 = 53 + 102 + 141 + 191 + 212$	$699 := 7^2 + 9^2 + 15^2 + 18^2 + 20^1 = 72 + 92 + 152 + 182 + 201$
$699 := 5^3 + 10^2 + 15^1 + 18^1 + 21^2 = 53 + 102 + 151 + 181 + 212$	$699 := 8^2 + 14^2 + 14^2 + 15^2 + 18^1 = 82 + 142 + 142 + 152 + 181$
$699 := 5^3 + 10^2 + 16^1 + 17^1 + 21^2 = 53 + 102 + 161 + 171 + 212$	$699 := 8^2 + 8^2 + 8^2 + 22^2 + 23^1 = 82 + 82 + 82 + 222 + 231$
$699 := 5^3 + 11^2 + 14^2 + 16^2 + 23^0 = 53 + 112 + 142 + 162 + 230$	
$699 := 5^3 + 6^1 + 10^2 + 21^2 + 27^1 = 53 + 61 + 102 + 212 + 271$	

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$700 := 1^6 + 13^2 + 23^2 + 32^0 = 16 + 132 + 232 + 320$	$700 := 1^0 + 2^8 + 19^0 + 21^2 + 26^0 = 10 + 28 + 190 + 212 + 260$
$700 := 1^7 + 20^0 + 22^1 + 26^2 = 17 + 200 + 221 + 262$	$700 := 1^0 + 2^8 + 20^0 + 21^2 + 25^0 = 10 + 28 + 200 + 212 + 250$
$700 := 2^0 + 2^7 + 23^2 + 42^1 = 20 + 27 + 232 + 421$	$700 := 1^0 + 2^8 + 21^0 + 21^2 + 24^0 = 10 + 28 + 210 + 212 + 240$
$700 := 2^5 + 5^4 + 20^0 + 42^1 = 25 + 54 + 200 + 421$	$700 := 1^0 + 2^8 + 21^2 + 22^0 + 23^0 = 10 + 28 + 212 + 220 + 230$
$700 := 2^5 + 7^3 + 18^2 + 42^0 = 25 + 73 + 182 + 420$	$700 := 1^1 + 1^6 + 20^0 + 21^1 + 26^2 = 11 + 16 + 200 + 211 + 262$
$700 := 2^7 + 2^8 + 4^4 + 60^1 = 27 + 28 + 44 + 601$	$700 := 1^2 + 1^5 + 20^0 + 21^1 + 26^2 = 12 + 15 + 200 + 211 + 262$
$700 := 1^0 + 1^7 + 20^0 + 21^1 + 26^2 = 10 + 17 + 200 + 211 + 262$	$700 := 1^3 + 1^4 + 20^0 + 21^1 + 26^2 = 13 + 14 + 200 + 211 + 262$
$700 := 1^0 + 2^8 + 18^0 + 21^2 + 27^0 = 10 + 28 + 180 + 212 + 270$	$700 := 1^4 + 2^3 + 14^1 + 26^0 + 26^2 = 14 + 23 + 141 + 260 + 262$

$$\begin{aligned} 700 &:= 1^4 + 4^4 + 16^0 + 21^2 + 27^0 = 14 + 44 + 160 + 212 + 270 & 700 &:= 1^6 + 6^0 + 16^2 + 21^2 + 25^0 = 16 + 60 + 162 + 212 + 250 \\ 700 &:= 1^4 + 4^4 + 17^0 + 21^2 + 26^0 = 14 + 44 + 170 + 212 + 260 & 700 &:= 1^6 + 6^1 + 16^1 + 20^0 + 26^2 = 16 + 61 + 161 + 200 + 262 \\ 700 &:= 1^4 + 4^4 + 18^0 + 21^2 + 25^0 = 14 + 44 + 180 + 212 + 250 & 700 &:= 1^6 + 7^0 + 11^2 + 24^2 + 26^0 = 16 + 70 + 112 + 242 + 260 \\ 700 &:= 1^4 + 4^4 + 19^0 + 21^2 + 24^0 = 14 + 44 + 190 + 212 + 240 & 700 &:= 1^6 + 7^0 + 16^2 + 21^2 + 24^0 = 16 + 70 + 162 + 212 + 240 \\ 700 &:= 1^4 + 4^4 + 20^0 + 21^2 + 23^0 = 14 + 44 + 200 + 212 + 230 & 700 &:= 1^6 + 7^1 + 15^1 + 20^0 + 26^2 = 16 + 71 + 151 + 200 + 262 \\ 700 &:= 1^4 + 4^4 + 21^0 + 21^2 + 22^0 = 14 + 44 + 210 + 212 + 220 & 700 &:= 1^6 + 8^0 + 11^2 + 24^2 + 25^0 = 16 + 80 + 112 + 242 + 250 \\ 700 &:= 1^4 + 9^2 + 16^2 + 19^2 + 24^0 = 14 + 92 + 162 + 192 + 240 & 700 &:= 1^6 + 8^0 + 16^2 + 21^2 + 23^0 = 16 + 80 + 162 + 212 + 230 \\ 700 &:= 1^5 + 10^2 + 12^0 + 22^1 + 24^2 = 15 + 102 + 120 + 221 + 242 & 700 &:= 1^6 + 8^1 + 14^1 + 20^0 + 26^2 = 16 + 81 + 141 + 200 + 262 \\ 700 &:= 1^5 + 13^1 + 18^0 + 18^2 + 19^2 = 15 + 131 + 180 + 182 + 192 & 700 &:= 1^6 + 9^0 + 11^2 + 24^0 + 24^2 = 16 + 90 + 112 + 240 + 242 \\ 700 &:= 1^5 + 14^0 + 14^2 + 18^1 + 22^2 = 15 + 140 + 142 + 181 + 222 & 700 &:= 1^6 + 9^0 + 16^2 + 21^2 + 22^0 = 16 + 90 + 162 + 212 + 220 \\ 700 &:= 1^5 + 2^2 + 18^1 + 22^0 + 26^2 = 15 + 22 + 181 + 220 + 262 & 700 &:= 1^6 + 9^1 + 13^1 + 20^0 + 26^2 = 16 + 91 + 131 + 200 + 262 \\ 700 &:= 1^5 + 3^2 + 13^1 + 26^0 + 26^2 = 15 + 32 + 131 + 260 + 262 & 700 &:= 1^7 + 10^0 + 11^0 + 21^1 + 26^2 = 17 + 100 + 110 + 211 + 262 \\ 700 &:= 1^5 + 7^2 + 12^0 + 24^1 + 25^2 = 15 + 72 + 120 + 241 + 252 & 700 &:= 1^7 + 2^0 + 19^0 + 21^1 + 26^2 = 17 + 20 + 190 + 211 + 262 \\ 700 &:= 1^5 + 8^0 + 12^2 + 23^2 + 25^1 = 15 + 80 + 122 + 232 + 251 & 700 &:= 1^7 + 3^0 + 18^0 + 21^1 + 26^2 = 17 + 30 + 180 + 211 + 262 \\ 700 &:= 1^5 + 8^2 + 9^1 + 25^2 + 26^0 = 15 + 82 + 91 + 252 + 260 & 700 &:= 1^7 + 4^0 + 17^0 + 21^1 + 26^2 = 17 + 40 + 170 + 211 + 262 \\ 700 &:= 1^5 + 9^1 + 17^2 + 20^2 + 22^0 = 15 + 91 + 172 + 202 + 220 & 700 &:= 1^7 + 5^0 + 16^0 + 21^1 + 26^2 = 17 + 50 + 160 + 211 + 262 \\ 700 &:= 1^6 + 10^0 + 11^2 + 23^0 + 24^2 = 16 + 100 + 112 + 230 + 242 & 700 &:= 1^7 + 6^0 + 15^0 + 21^1 + 26^2 = 17 + 60 + 150 + 211 + 262 \\ 700 &:= 1^6 + 10^0 + 16^2 + 21^0 + 21^2 = 16 + 100 + 162 + 210 + 212 & 700 &:= 1^7 + 7^0 + 14^0 + 21^1 + 26^2 = 17 + 70 + 140 + 211 + 262 \\ 700 &:= 1^6 + 10^1 + 12^1 + 20^0 + 26^2 = 16 + 101 + 121 + 200 + 262 & 700 &:= 1^7 + 8^0 + 13^0 + 21^1 + 26^2 = 17 + 80 + 130 + 211 + 262 \\ 700 &:= 1^6 + 11^0 + 11^2 + 22^0 + 24^2 = 16 + 110 + 112 + 220 + 242 & 700 &:= 1^7 + 9^0 + 12^0 + 21^1 + 26^2 = 17 + 90 + 120 + 211 + 262 \\ 700 &:= 1^6 + 11^0 + 16^2 + 20^0 + 21^2 = 16 + 110 + 162 + 200 + 212 & 700 &:= 1^8 + 1^9 + 19^0 + 21^1 + 26^2 = 18 + 19 + 190 + 211 + 262 \\ 700 &:= 1^6 + 11^1 + 11^1 + 20^0 + 26^2 = 16 + 111 + 111 + 200 + 262 & 700 &:= 1^9 + 2^7 + 15^1 + 23^2 + 27^1 = 19 + 27 + 151 + 232 + 271 \\ 700 &:= 1^6 + 11^2 + 12^0 + 21^0 + 24^2 = 16 + 112 + 120 + 210 + 242 & 700 &:= 1^9 + 2^7 + 16^1 + 23^2 + 26^1 = 19 + 27 + 161 + 232 + 261 \\ 700 &:= 1^6 + 11^2 + 13^0 + 20^0 + 24^2 = 16 + 112 + 130 + 200 + 242 & 700 &:= 1^9 + 2^7 + 17^1 + 23^2 + 25^1 = 19 + 27 + 171 + 232 + 251 \\ 700 &:= 1^6 + 11^2 + 14^0 + 19^0 + 24^2 = 16 + 112 + 140 + 190 + 242 & 700 &:= 1^9 + 2^7 + 18^1 + 23^2 + 24^1 = 19 + 27 + 181 + 232 + 241 \\ 700 &:= 1^6 + 11^2 + 15^0 + 18^0 + 24^2 = 16 + 112 + 150 + 180 + 242 & 700 &:= 1^9 + 2^7 + 19^1 + 23^1 + 23^2 = 19 + 27 + 191 + 231 + 232 \\ 700 &:= 1^6 + 11^2 + 16^0 + 17^0 + 24^2 = 16 + 112 + 160 + 170 + 242 & 700 &:= 1^9 + 2^7 + 20^1 + 22^1 + 23^2 = 19 + 27 + 201 + 221 + 232 \\ 700 &:= 1^6 + 12^0 + 16^2 + 19^0 + 21^2 = 16 + 120 + 162 + 190 + 212 & 700 &:= 1^9 + 2^7 + 21^1 + 21^1 + 23^2 = 19 + 27 + 211 + 211 + 232 \\ 700 &:= 1^6 + 13^0 + 16^2 + 18^0 + 21^2 = 16 + 130 + 162 + 180 + 212 & 700 &:= 2^0 + 2^8 + 17^0 + 21^2 + 27^0 = 20 + 28 + 170 + 212 + 270 \\ 700 &:= 1^6 + 14^0 + 16^2 + 17^0 + 21^2 = 16 + 140 + 162 + 170 + 212 & 700 &:= 2^0 + 2^8 + 18^0 + 21^2 + 26^0 = 20 + 28 + 180 + 212 + 260 \\ 700 &:= 1^6 + 15^0 + 16^0 + 16^2 + 21^2 = 16 + 150 + 160 + 162 + 212 & 700 &:= 2^0 + 2^8 + 19^0 + 21^2 + 25^0 = 20 + 28 + 190 + 212 + 250 \\ 700 &:= 1^6 + 2^1 + 20^0 + 20^1 + 26^2 = 16 + 21 + 200 + 201 + 262 & 700 &:= 2^0 + 2^8 + 20^0 + 21^2 + 24^0 = 20 + 28 + 200 + 212 + 240 \\ 700 &:= 1^6 + 3^1 + 19^1 + 20^0 + 26^2 = 16 + 31 + 191 + 200 + 262 & 700 &:= 2^0 + 2^8 + 21^0 + 21^2 + 23^0 = 20 + 28 + 210 + 212 + 230 \\ 700 &:= 1^6 + 4^0 + 16^2 + 21^2 + 27^0 = 16 + 40 + 162 + 212 + 270 & 700 &:= 2^0 + 2^8 + 21^2 + 22^0 + 22^0 = 20 + 28 + 212 + 220 + 220 \\ 700 &:= 1^6 + 4^1 + 18^1 + 20^0 + 26^2 = 16 + 41 + 181 + 200 + 262 & 700 &:= 2^4 + 11^2 + 11^2 + 21^2 + 24^0 = 24 + 112 + 112 + 212 + 240 \\ 700 &:= 1^6 + 5^0 + 16^2 + 21^2 + 26^0 = 16 + 50 + 162 + 212 + 260 & 700 &:= 2^4 + 13^2 + 15^2 + 17^2 + 22^0 = 24 + 132 + 152 + 172 + 220 \\ 700 &:= 1^6 + 5^1 + 17^1 + 20^0 + 26^2 = 16 + 51 + 171 + 200 + 262 & 700 &:= 2^4 + 6^3 + 14^0 + 21^2 + 26^1 = 24 + 63 + 140 + 212 + 261 \\ 700 &:= 1^6 + 6^0 + 11^2 + 24^2 + 27^0 = 16 + 60 + 112 + 242 + 270 & 700 &:= 2^4 + 7^3 + 16^1 + 18^2 + 26^0 = 24 + 73 + 161 + 182 + 260 \end{aligned}$$

$$\begin{aligned}700 &:= 2^4 + 8^3 + 12^2 + 20^0 + 27^1 = 24 + 83 + 122 + 200 + 271 \\700 &:= 2^5 + 11^1 + 16^2 + 20^0 + 20^2 = 25 + 111 + 162 + 200 + 202 \\700 &:= 2^5 + 11^2 + 16^0 + 17^1 + 23^2 = 25 + 112 + 160 + 171 + 232 \\700 &:= 2^5 + 12^0 + 18^2 + 18^2 + 19^1 = 25 + 120 + 182 + 182 + 191 \\700 &:= 2^5 + 13^2 + 14^1 + 18^0 + 22^2 = 25 + 132 + 141 + 180 + 222 \\700 &:= 2^5 + 14^0 + 17^1 + 17^2 + 19^2 = 25 + 140 + 171 + 172 + 192 \\700 &:= 2^5 + 4^2 + 12^0 + 25^2 + 26^1 = 25 + 42 + 120 + 252 + 261 \\700 &:= 2^5 + 5^2 + 17^1 + 20^0 + 25^2 = 25 + 52 + 171 + 200 + 252 \\700 &:= 2^5 + 8^0 + 8^2 + 24^2 + 27^1 = 25 + 80 + 82 + 242 + 271 \\700 &:= 2^5 + 9^2 + 10^1 + 24^0 + 24^2 = 25 + 92 + 101 + 240 + 242 \\700 &:= 2^6 + 3^2 + 12^0 + 25^2 + 27^0 = 26 + 32 + 120 + 252 + 270 \\700 &:= 2^6 + 3^2 + 13^0 + 25^2 + 26^0 = 26 + 32 + 130 + 252 + 260 \\700 &:= 2^6 + 3^2 + 14^0 + 25^0 + 25^2 = 26 + 32 + 140 + 250 + 252 \\700 &:= 2^6 + 3^2 + 15^0 + 24^0 + 25^2 = 26 + 32 + 150 + 240 + 252 \\700 &:= 2^6 + 3^2 + 16^0 + 23^0 + 25^2 = 26 + 32 + 160 + 230 + 252 \\700 &:= 2^6 + 3^2 + 17^0 + 22^0 + 25^2 = 26 + 32 + 170 + 220 + 252 \\700 &:= 2^6 + 3^2 + 18^0 + 21^0 + 25^2 = 26 + 32 + 180 + 210 + 252 \\700 &:= 2^6 + 3^2 + 19^0 + 20^0 + 25^2 = 26 + 32 + 190 + 200 + 252 \\700 &:= 2^8 + 10^0 + 10^0 + 21^2 + 26^0 = 28 + 100 + 100 + 212 + 260 \\700 &:= 2^8 + 10^0 + 11^0 + 21^2 + 25^0 = 28 + 100 + 110 + 212 + 250 \\700 &:= 2^8 + 10^0 + 12^0 + 21^2 + 24^0 = 28 + 100 + 120 + 212 + 240 \\700 &:= 2^8 + 10^0 + 13^0 + 21^2 + 23^0 = 28 + 100 + 130 + 212 + 230 \\700 &:= 2^8 + 10^0 + 14^0 + 21^2 + 22^0 = 28 + 100 + 140 + 212 + 220 \\700 &:= 2^8 + 10^0 + 15^0 + 21^0 + 21^2 = 28 + 100 + 150 + 210 + 212 \\700 &:= 2^8 + 10^0 + 16^0 + 20^0 + 21^2 = 28 + 100 + 160 + 200 + 212 \\700 &:= 2^8 + 10^0 + 17^0 + 19^0 + 21^2 = 28 + 100 + 170 + 190 + 212 \\700 &:= 2^8 + 10^0 + 18^0 + 18^0 + 21^2 = 28 + 100 + 180 + 180 + 212 \\700 &:= 2^8 + 11^0 + 11^0 + 21^2 + 24^0 = 28 + 110 + 110 + 212 + 240 \\700 &:= 2^8 + 11^0 + 12^0 + 21^2 + 23^0 = 28 + 110 + 120 + 212 + 230 \\700 &:= 2^8 + 11^0 + 13^0 + 21^2 + 22^0 = 28 + 110 + 130 + 212 + 220 \\700 &:= 2^8 + 11^0 + 14^0 + 21^0 + 21^2 = 28 + 110 + 140 + 210 + 212 \\700 &:= 2^8 + 11^0 + 15^0 + 20^0 + 21^2 = 28 + 110 + 150 + 200 + 212 \\700 &:= 2^8 + 11^0 + 16^0 + 19^0 + 21^2 = 28 + 110 + 160 + 190 + 212 \\700 &:= 2^8 + 11^0 + 17^0 + 18^0 + 21^2 = 28 + 110 + 170 + 180 + 212 \\700 &:= 2^8 + 12^0 + 12^0 + 21^2 + 22^0 = 28 + 120 + 120 + 212 + 220 \\700 &:= 2^8 + 12^0 + 13^0 + 21^0 + 21^2 = 28 + 120 + 130 + 210 + 212 \\700 &:= 2^8 + 12^0 + 14^0 + 20^0 + 21^2 = 28 + 120 + 140 + 200 + 212 \\700 &:= 2^8 + 12^0 + 15^0 + 19^0 + 21^2 = 28 + 120 + 150 + 190 + 212\end{aligned}$$

$$\begin{aligned}700 &:= 2^8 + 12^0 + 16^0 + 18^0 + 21^2 = 28 + 120 + 160 + 180 + 212 \\700 &:= 2^8 + 12^0 + 17^0 + 17^0 + 21^2 = 28 + 120 + 170 + 170 + 212 \\700 &:= 2^8 + 13^0 + 13^0 + 20^0 + 21^2 = 28 + 130 + 130 + 200 + 212 \\700 &:= 2^8 + 13^0 + 14^0 + 19^0 + 21^2 = 28 + 130 + 140 + 190 + 212 \\700 &:= 2^8 + 13^0 + 15^0 + 18^0 + 21^2 = 28 + 130 + 150 + 180 + 212 \\700 &:= 2^8 + 13^0 + 16^0 + 17^0 + 21^2 = 28 + 130 + 160 + 170 + 212 \\700 &:= 2^8 + 14^0 + 14^0 + 18^0 + 21^2 = 28 + 140 + 140 + 180 + 212 \\700 &:= 2^8 + 14^0 + 15^0 + 17^0 + 21^2 = 28 + 140 + 150 + 170 + 212 \\700 &:= 2^8 + 14^0 + 16^0 + 16^0 + 21^2 = 28 + 140 + 160 + 160 + 212 \\700 &:= 2^8 + 15^0 + 15^0 + 16^0 + 21^2 = 28 + 150 + 150 + 160 + 212 \\700 &:= 2^8 + 3^0 + 16^0 + 21^2 + 27^0 = 28 + 30 + 160 + 212 + 270 \\700 &:= 2^8 + 3^0 + 17^0 + 21^2 + 26^0 = 28 + 30 + 170 + 212 + 260 \\700 &:= 2^8 + 3^0 + 18^0 + 21^2 + 25^0 = 28 + 30 + 180 + 212 + 250 \\700 &:= 2^8 + 3^0 + 19^0 + 21^2 + 24^0 = 28 + 30 + 190 + 212 + 240 \\700 &:= 2^8 + 3^0 + 20^0 + 21^2 + 23^0 = 28 + 30 + 200 + 212 + 230 \\700 &:= 2^8 + 3^0 + 21^0 + 21^2 + 22^0 = 28 + 30 + 210 + 212 + 220 \\700 &:= 2^8 + 4^0 + 15^0 + 21^2 + 27^0 = 28 + 40 + 150 + 212 + 270 \\700 &:= 2^8 + 4^0 + 16^0 + 21^2 + 26^0 = 28 + 40 + 160 + 212 + 260 \\700 &:= 2^8 + 4^0 + 17^0 + 21^2 + 25^0 = 28 + 40 + 170 + 212 + 250 \\700 &:= 2^8 + 4^0 + 18^0 + 21^2 + 24^0 = 28 + 40 + 180 + 212 + 240 \\700 &:= 2^8 + 4^0 + 19^0 + 21^2 + 23^0 = 28 + 40 + 190 + 212 + 230 \\700 &:= 2^8 + 4^0 + 20^0 + 21^2 + 22^0 = 28 + 40 + 200 + 212 + 220 \\700 &:= 2^8 + 4^0 + 21^0 + 21^0 + 21^2 = 28 + 40 + 210 + 210 + 212 \\700 &:= 2^8 + 5^0 + 14^0 + 21^2 + 27^0 = 28 + 50 + 140 + 212 + 270 \\700 &:= 2^8 + 5^0 + 15^0 + 21^2 + 26^0 = 28 + 50 + 150 + 212 + 260 \\700 &:= 2^8 + 5^0 + 16^0 + 21^2 + 25^0 = 28 + 50 + 160 + 212 + 250 \\700 &:= 2^8 + 5^0 + 17^0 + 21^2 + 24^0 = 28 + 50 + 170 + 212 + 240 \\700 &:= 2^8 + 5^0 + 18^0 + 21^2 + 23^0 = 28 + 50 + 180 + 212 + 230 \\700 &:= 2^8 + 5^0 + 19^0 + 21^2 + 22^0 = 28 + 50 + 190 + 212 + 220 \\700 &:= 2^8 + 5^0 + 20^0 + 21^0 + 21^2 = 28 + 50 + 200 + 210 + 212 \\700 &:= 2^8 + 6^0 + 13^0 + 21^2 + 27^0 = 28 + 60 + 130 + 212 + 270 \\700 &:= 2^8 + 6^0 + 14^0 + 21^2 + 26^0 = 28 + 60 + 140 + 212 + 260 \\700 &:= 2^8 + 6^0 + 15^0 + 21^2 + 25^0 = 28 + 60 + 150 + 212 + 250 \\700 &:= 2^8 + 6^0 + 16^0 + 21^2 + 24^0 = 28 + 60 + 160 + 212 + 240 \\700 &:= 2^8 + 6^0 + 17^0 + 21^2 + 23^0 = 28 + 60 + 170 + 212 + 230 \\700 &:= 2^8 + 6^0 + 18^0 + 21^2 + 22^0 = 28 + 60 + 180 + 212 + 220 \\700 &:= 2^8 + 6^0 + 19^0 + 21^0 + 21^2 = 28 + 60 + 190 + 210 + 212 \\700 &:= 2^8 + 6^0 + 20^0 + 20^0 + 21^2 = 28 + 60 + 200 + 200 + 212\end{aligned}$$

$$\begin{aligned}
 700 &:= 2^8 + 7^0 + 12^0 + 21^2 + 27^0 = 28 + 70 + 120 + 212 + 270 \\
 700 &:= 2^8 + 7^0 + 13^0 + 21^2 + 26^0 = 28 + 70 + 130 + 212 + 260 \\
 700 &:= 2^8 + 7^0 + 14^0 + 21^2 + 25^0 = 28 + 70 + 140 + 212 + 250 \\
 700 &:= 2^8 + 7^0 + 15^0 + 21^2 + 24^0 = 28 + 70 + 150 + 212 + 240 \\
 700 &:= 2^8 + 7^0 + 16^0 + 21^2 + 23^0 = 28 + 70 + 160 + 212 + 230 \\
 700 &:= 2^8 + 7^0 + 17^0 + 21^2 + 22^0 = 28 + 70 + 170 + 212 + 220 \\
 700 &:= 2^8 + 7^0 + 18^0 + 21^0 + 21^2 = 28 + 70 + 180 + 210 + 212 \\
 700 &:= 2^8 + 7^0 + 19^0 + 20^0 + 21^2 = 28 + 70 + 190 + 200 + 212 \\
 700 &:= 2^8 + 8^0 + 11^0 + 21^2 + 27^0 = 28 + 80 + 110 + 212 + 270 \\
 700 &:= 2^8 + 8^0 + 12^0 + 21^2 + 26^0 = 28 + 80 + 120 + 212 + 260 \\
 700 &:= 2^8 + 8^0 + 13^0 + 21^2 + 25^0 = 28 + 80 + 130 + 212 + 250 \\
 700 &:= 2^8 + 8^0 + 14^0 + 21^2 + 24^0 = 28 + 80 + 140 + 212 + 240 \\
 700 &:= 2^8 + 8^0 + 15^0 + 21^2 + 23^0 = 28 + 80 + 150 + 212 + 230 \\
 700 &:= 2^8 + 8^0 + 16^0 + 21^2 + 22^0 = 28 + 80 + 160 + 212 + 220 \\
 700 &:= 2^8 + 8^0 + 17^0 + 21^0 + 21^2 = 28 + 80 + 170 + 210 + 212 \\
 700 &:= 2^8 + 8^0 + 18^0 + 20^0 + 21^2 = 28 + 80 + 180 + 200 + 212 \\
 700 &:= 2^8 + 8^0 + 19^0 + 19^0 + 21^2 = 28 + 80 + 190 + 190 + 212 \\
 700 &:= 2^8 + 9^0 + 10^0 + 21^2 + 27^0 = 28 + 90 + 100 + 212 + 270 \\
 700 &:= 2^8 + 9^0 + 11^0 + 21^2 + 26^0 = 28 + 90 + 110 + 212 + 260 \\
 700 &:= 2^8 + 9^0 + 12^0 + 21^2 + 25^0 = 28 + 90 + 120 + 212 + 250 \\
 700 &:= 2^8 + 9^0 + 13^0 + 21^2 + 24^0 = 28 + 90 + 130 + 212 + 240 \\
 700 &:= 2^8 + 9^0 + 14^0 + 21^2 + 23^0 = 28 + 90 + 140 + 212 + 230
 \end{aligned}$$

$$\begin{aligned}
 700 &:= 2^8 + 9^0 + 15^0 + 21^2 + 22^0 = 28 + 90 + 150 + 212 + 220 \\
 700 &:= 2^8 + 9^0 + 16^0 + 21^0 + 21^2 = 28 + 90 + 160 + 210 + 212 \\
 700 &:= 2^8 + 9^0 + 17^0 + 20^0 + 21^2 = 28 + 90 + 170 + 200 + 212 \\
 700 &:= 2^8 + 9^0 + 18^0 + 19^0 + 21^2 = 28 + 90 + 180 + 190 + 212 \\
 700 &:= 3^3 + 3^4 + 15^1 + 24^0 + 24^2 = 33 + 34 + 151 + 240 + 242 \\
 700 &:= 3^3 + 4^4 + 16^1 + 20^2 + 26^0 = 33 + 44 + 161 + 202 + 260 \\
 700 &:= 3^4 + 4^3 + 14^0 + 23^2 + 25^1 = 34 + 43 + 140 + 232 + 251 \\
 700 &:= 3^4 + 4^4 + 16^0 + 19^2 + 27^0 = 34 + 44 + 160 + 192 + 270 \\
 700 &:= 3^4 + 4^4 + 17^0 + 19^2 + 26^0 = 34 + 44 + 170 + 192 + 260 \\
 700 &:= 3^4 + 4^4 + 18^0 + 19^2 + 25^0 = 34 + 44 + 180 + 192 + 250 \\
 700 &:= 3^4 + 4^4 + 19^0 + 19^2 + 24^0 = 34 + 44 + 190 + 192 + 240 \\
 700 &:= 3^4 + 4^4 + 19^2 + 20^0 + 23^0 = 34 + 44 + 192 + 200 + 230 \\
 700 &:= 3^4 + 4^4 + 19^2 + 21^0 + 22^0 = 34 + 44 + 192 + 210 + 220 \\
 700 &:= 3^4 + 7^2 + 13^2 + 20^2 + 26^0 = 34 + 72 + 132 + 202 + 260 \\
 700 &:= 3^4 + 7^3 + 16^2 + 19^1 + 24^0 = 34 + 73 + 162 + 191 + 240 \\
 700 &:= 3^4 + 8^3 + 9^2 + 24^0 + 25^1 = 34 + 83 + 92 + 240 + 251 \\
 700 &:= 3^5 + 11^1 + 11^2 + 18^2 + 26^0 = 35 + 111 + 112 + 182 + 260 \\
 700 &:= 3^5 + 12^2 + 14^0 + 17^2 + 23^1 = 35 + 122 + 140 + 172 + 231 \\
 700 &:= 3^5 + 6^2 + 20^0 + 20^1 + 20^2 = 35 + 62 + 200 + 201 + 202 \\
 700 &:= 3^5 + 9^2 + 14^1 + 19^2 + 24^0 = 35 + 92 + 141 + 192 + 240 \\
 700 &:= 4^3 + 4^4 + 18^1 + 19^2 + 24^0 = 43 + 44 + 181 + 192 + 240
 \end{aligned}$$

2.2.602 Number 701

$$\begin{aligned}
 701 &:= 1^1 + 2^7 + 23^2 + 43^1 = 11 + 27 + 232 + 431 \\
 701 &:= 1^4 + 4^2 + 5^4 + 59^1 = 14 + 42 + 54 + 591 \\
 701 &:= 1^4 + 4^4 + 20^2 + 44^1 = 14 + 44 + 202 + 441 \\
 701 &:= 1^8 + 19^0 + 23^1 + 26^2 = 18 + 190 + 231 + 262 \\
 701 &:= 2^1 + 2^7 + 23^2 + 42^1 = 21 + 27 + 232 + 421 \\
 701 &:= 2^3 + 2^3 + 5^4 + 60^1 = 23 + 23 + 54 + 601 \\
 701 &:= 2^4 + 3^5 + 21^2 + 43^0 = 24 + 35 + 212 + 430 \\
 701 &:= 2^6 + 5^4 + 11^1 + 51^0 = 26 + 54 + 111 + 510 \\
 701 &:= 2^7 + 10^1 + 23^2 + 34^1 = 27 + 101 + 232 + 341 \\
 701 &:= 2^7 + 11^1 + 23^2 + 33^1 = 27 + 111 + 232 + 331 \\
 701 &:= 2^7 + 12^1 + 23^2 + 32^1 = 27 + 121 + 232 + 321 \\
 701 &:= 2^7 + 13^1 + 23^2 + 31^1 = 27 + 131 + 232 + 311 \\
 701 &:= 2^7 + 14^1 + 23^2 + 30^1 = 27 + 141 + 232 + 301
 \end{aligned}$$

$$\begin{aligned}
 701 &:= 2^7 + 15^1 + 23^2 + 29^1 = 27 + 151 + 232 + 291 \\
 701 &:= 2^7 + 16^1 + 23^2 + 28^1 = 27 + 161 + 232 + 281 \\
 701 &:= 2^7 + 17^1 + 23^2 + 27^1 = 27 + 171 + 232 + 271 \\
 701 &:= 2^7 + 18^1 + 23^2 + 26^1 = 27 + 181 + 232 + 261 \\
 701 &:= 2^7 + 19^1 + 23^2 + 25^1 = 27 + 191 + 232 + 251 \\
 701 &:= 2^7 + 20^1 + 23^2 + 24^1 = 27 + 201 + 232 + 241 \\
 701 &:= 2^7 + 21^1 + 23^1 + 23^2 = 27 + 211 + 231 + 232 \\
 701 &:= 2^7 + 22^1 + 22^1 + 23^2 = 27 + 221 + 221 + 232 \\
 701 &:= 2^7 + 3^1 + 23^2 + 41^1 = 27 + 31 + 232 + 411 \\
 701 &:= 2^7 + 4^1 + 23^2 + 40^1 = 27 + 41 + 232 + 401 \\
 701 &:= 2^7 + 5^1 + 23^2 + 39^1 = 27 + 51 + 232 + 391 \\
 701 &:= 2^7 + 6^1 + 23^2 + 38^1 = 27 + 61 + 232 + 381 \\
 701 &:= 2^7 + 7^1 + 23^2 + 37^1 = 27 + 71 + 232 + 371
 \end{aligned}$$

$$\begin{aligned}
 701 &:= 2^7 + 8^1 + 23^2 + 36^1 &= 27 + 81 + 232 + 361 & 701 &:= 1^6 + 2^2 + 19^1 + 21^0 + 26^2 &= 16 + 22 + 191 + 210 + 262 \\
 701 &:= 2^7 + 9^1 + 23^2 + 35^1 &= 27 + 91 + 232 + 351 & 701 &:= 1^6 + 3^2 + 14^1 + 25^0 + 26^2 &= 16 + 32 + 141 + 250 + 262 \\
 701 &:= 2^8 + 3^0 + 20^2 + 44^1 &= 28 + 30 + 202 + 441 & 701 &:= 1^6 + 7^0 + 12^2 + 23^2 + 26^1 &= 16 + 70 + 122 + 232 + 261 \\
 701 &:= 2^8 + 3^1 + 21^2 + 43^0 &= 28 + 31 + 212 + 430 & 701 &:= 1^6 + 7^2 + 11^0 + 25^1 + 25^2 &= 16 + 72 + 110 + 251 + 252 \\
 701 &:= 3^5 + 5^3 + 17^2 + 44^1 &= 35 + 53 + 172 + 441 & 701 &:= 1^6 + 8^2 + 10^1 + 25^0 + 25^2 &= 16 + 82 + 101 + 250 + 252 \\
 701 &:= 3^5 + 6^3 + 14^2 + 46^1 &= 35 + 63 + 142 + 461 & 701 &:= 1^7 + 10^0 + 13^2 + 22^0 + 23^2 &= 17 + 100 + 132 + 220 + 232 \\
 701 &:= 3^5 + 7^3 + 8^2 + 51^1 &= 35 + 73 + 82 + 511 & 701 &:= 1^7 + 10^1 + 13^1 + 19^0 + 26^2 &= 17 + 101 + 131 + 190 + 262 \\
 701 &:= 1^0 + 1^8 + 19^0 + 22^1 + 26^2 &= 10 + 18 + 190 + 221 + 262 & 701 &:= 1^7 + 11^0 + 13^2 + 21^0 + 23^2 &= 17 + 110 + 132 + 210 + 232 \\
 701 &:= 1^0 + 2^7 + 16^1 + 23^2 + 27^1 &= 10 + 27 + 161 + 232 + 271 & 701 &:= 1^7 + 11^1 + 12^1 + 19^0 + 26^2 &= 17 + 111 + 121 + 190 + 262 \\
 701 &:= 1^0 + 2^7 + 17^1 + 23^2 + 26^1 &= 10 + 27 + 171 + 232 + 261 & 701 &:= 1^7 + 12^0 + 13^2 + 20^0 + 23^2 &= 17 + 120 + 132 + 200 + 232 \\
 701 &:= 1^0 + 2^7 + 18^1 + 23^2 + 25^1 &= 10 + 27 + 181 + 232 + 251 & 701 &:= 1^7 + 13^0 + 13^2 + 19^0 + 23^2 &= 17 + 130 + 132 + 190 + 232 \\
 701 &:= 1^0 + 2^7 + 19^1 + 23^2 + 24^1 &= 10 + 27 + 191 + 232 + 241 & 701 &:= 1^7 + 13^2 + 14^0 + 18^0 + 23^2 &= 17 + 132 + 140 + 180 + 232 \\
 701 &:= 1^0 + 2^7 + 20^1 + 23^1 + 23^2 &= 10 + 27 + 201 + 231 + 232 & 701 &:= 1^7 + 13^2 + 15^0 + 17^0 + 23^2 &= 17 + 132 + 150 + 170 + 232 \\
 701 &:= 1^0 + 2^7 + 21^1 + 22^1 + 23^2 &= 10 + 27 + 211 + 221 + 232 & 701 &:= 1^7 + 13^2 + 16^0 + 16^0 + 23^2 &= 17 + 132 + 160 + 160 + 232 \\
 701 &:= 1^1 + 1^7 + 19^0 + 22^1 + 26^2 &= 11 + 17 + 190 + 221 + 262 & 701 &:= 1^7 + 2^1 + 19^0 + 21^1 + 26^2 &= 17 + 21 + 190 + 211 + 262 \\
 701 &:= 1^2 + 1^6 + 19^0 + 22^1 + 26^2 &= 12 + 16 + 190 + 221 + 262 & 701 &:= 1^7 + 3^1 + 19^0 + 20^1 + 26^2 &= 17 + 31 + 190 + 201 + 262 \\
 701 &:= 1^3 + 1^5 + 19^0 + 22^1 + 26^2 &= 13 + 15 + 190 + 221 + 262 & 701 &:= 1^7 + 4^1 + 19^0 + 19^1 + 26^2 &= 17 + 41 + 190 + 191 + 262 \\
 701 &:= 1^3 + 4^4 + 17^1 + 20^2 + 27^1 &= 13 + 44 + 171 + 202 + 271 & 701 &:= 1^7 + 5^0 + 13^2 + 23^2 + 27^0 &= 17 + 50 + 132 + 232 + 270 \\
 701 &:= 1^3 + 4^4 + 18^1 + 20^2 + 26^1 &= 13 + 44 + 181 + 202 + 261 & 701 &:= 1^7 + 5^1 + 18^1 + 19^0 + 26^2 &= 17 + 51 + 181 + 190 + 262 \\
 701 &:= 1^3 + 4^4 + 19^1 + 20^2 + 25^1 &= 13 + 44 + 191 + 202 + 251 & 701 &:= 1^7 + 6^0 + 13^2 + 23^2 + 26^0 &= 17 + 60 + 132 + 232 + 260 \\
 701 &:= 1^3 + 4^4 + 20^1 + 20^2 + 24^1 &= 13 + 44 + 201 + 202 + 241 & 701 &:= 1^7 + 6^1 + 17^1 + 19^0 + 26^2 &= 17 + 61 + 171 + 190 + 262 \\
 701 &:= 1^3 + 4^4 + 20^2 + 21^1 + 23^1 &= 13 + 44 + 202 + 211 + 231 & 701 &:= 1^7 + 7^0 + 13^2 + 23^2 + 25^0 &= 17 + 70 + 132 + 232 + 250 \\
 701 &:= 1^3 + 4^4 + 20^2 + 22^1 + 22^1 &= 13 + 44 + 202 + 221 + 221 & 701 &:= 1^7 + 7^1 + 16^1 + 19^0 + 26^2 &= 17 + 71 + 161 + 190 + 262 \\
 701 &:= 1^4 + 1^4 + 19^0 + 22^1 + 26^2 &= 14 + 14 + 190 + 221 + 262 & 701 &:= 1^7 + 8^0 + 13^2 + 23^2 + 24^0 &= 17 + 80 + 132 + 232 + 240 \\
 701 &:= 1^4 + 14^2 + 15^2 + 16^2 + 23^1 &= 14 + 142 + 152 + 162 + 231 & 701 &:= 1^7 + 8^1 + 15^1 + 19^0 + 26^2 &= 17 + 81 + 151 + 190 + 262 \\
 701 &:= 1^4 + 5^2 + 18^2 + 18^2 + 27^1 &= 14 + 52 + 182 + 182 + 271 & 701 &:= 1^7 + 9^0 + 13^2 + 23^0 + 23^2 &= 17 + 90 + 132 + 230 + 232 \\
 701 &:= 1^4 + 6^2 + 14^2 + 21^2 + 27^1 &= 14 + 62 + 142 + 212 + 271 & 701 &:= 1^7 + 9^1 + 14^1 + 19^0 + 26^2 &= 17 + 91 + 141 + 190 + 262 \\
 701 &:= 1^4 + 7^2 + 15^2 + 20^2 + 26^1 &= 14 + 72 + 152 + 202 + 261 & 701 &:= 1^8 + 10^0 + 10^0 + 22^1 + 26^2 &= 18 + 100 + 100 + 221 + 262 \\
 701 &:= 1^4 + 8^2 + 13^2 + 21^2 + 26^1 &= 14 + 82 + 132 + 212 + 261 & 701 &:= 1^8 + 2^0 + 18^0 + 22^1 + 26^2 &= 18 + 20 + 180 + 221 + 262 \\
 701 &:= 1^5 + 11^2 + 17^2 + 17^2 + 23^0 &= 15 + 112 + 172 + 172 + 230 & 701 &:= 1^8 + 3^0 + 17^0 + 22^1 + 26^2 &= 18 + 30 + 170 + 221 + 262 \\
 701 &:= 1^5 + 13^2 + 13^2 + 19^2 + 23^0 &= 15 + 132 + 132 + 192 + 230 & 701 &:= 1^8 + 4^0 + 16^0 + 22^1 + 26^2 &= 18 + 40 + 160 + 221 + 262 \\
 701 &:= 1^5 + 2^3 + 15^1 + 25^0 + 26^2 &= 15 + 23 + 151 + 250 + 262 & 701 &:= 1^8 + 5^0 + 15^0 + 22^1 + 26^2 &= 18 + 50 + 150 + 221 + 262 \\
 701 &:= 1^5 + 7^2 + 11^2 + 23^2 + 27^0 &= 15 + 72 + 112 + 232 + 270 & 701 &:= 1^8 + 6^0 + 14^0 + 22^1 + 26^2 &= 18 + 60 + 140 + 221 + 262 \\
 701 &:= 1^5 + 7^2 + 17^2 + 19^2 + 25^0 &= 15 + 72 + 172 + 192 + 250 & 701 &:= 1^8 + 7^0 + 13^0 + 22^1 + 26^2 &= 18 + 70 + 130 + 221 + 262 \\
 701 &:= 1^6 + 10^1 + 17^2 + 20^2 + 21^0 &= 16 + 101 + 172 + 202 + 210 & 701 &:= 1^8 + 8^0 + 12^0 + 22^1 + 26^2 &= 18 + 80 + 120 + 221 + 262 \\
 701 &:= 1^6 + 10^2 + 11^0 + 23^1 + 24^2 &= 16 + 102 + 110 + 231 + 242 & 701 &:= 1^8 + 9^0 + 11^0 + 22^1 + 26^2 &= 18 + 90 + 110 + 221 + 262 \\
 701 &:= 1^6 + 13^0 + 14^2 + 19^1 + 22^2 &= 16 + 130 + 142 + 191 + 222 & 701 &:= 1^9 + 1^9 + 18^0 + 22^1 + 26^2 &= 19 + 19 + 180 + 221 + 262 \\
 701 &:= 1^6 + 14^1 + 17^0 + 18^2 + 19^2 &= 16 + 141 + 170 + 182 + 192 & 701 &:= 2^1 + 2^8 + 17^0 + 21^2 + 27^0 &= 21 + 28 + 170 + 212 + 270
 \end{aligned}$$

$$\begin{aligned} 701 &:= 2^1 + 2^8 + 18^0 + 21^2 + 26^0 = 21 + 28 + 180 + 212 + 260 & 701 &:= 2^5 + 8^1 + 14^2 + 21^2 + 24^1 = 25 + 81 + 142 + 212 + 241 \\ 701 &:= 2^1 + 2^8 + 19^0 + 21^2 + 25^0 = 21 + 28 + 190 + 212 + 250 & 701 &:= 2^5 + 9^1 + 14^2 + 21^2 + 23^1 = 25 + 91 + 142 + 212 + 231 \\ 701 &:= 2^1 + 2^8 + 20^0 + 21^2 + 24^0 = 21 + 28 + 200 + 212 + 240 & 701 &:= 2^6 + 11^1 + 15^2 + 20^2 + 21^0 = 26 + 111 + 152 + 202 + 210 \\ 701 &:= 2^1 + 2^8 + 21^0 + 21^2 + 23^0 = 21 + 28 + 210 + 212 + 230 & 701 &:= 2^6 + 13^0 + 16^2 + 19^1 + 19^2 = 26 + 130 + 162 + 191 + 192 \\ 701 &:= 2^1 + 2^8 + 21^2 + 22^0 + 22^0 = 21 + 28 + 212 + 220 + 220 & 701 &:= 2^6 + 5^4 + 10^1 + 25^0 + 27^0 = 26 + 54 + 101 + 250 + 270 \\ 701 &:= 2^2 + 2^5 + 13^1 + 25^2 + 27^1 = 22 + 25 + 131 + 252 + 271 & 701 &:= 2^6 + 5^4 + 10^1 + 26^0 + 26^0 = 26 + 54 + 101 + 260 + 260 \\ 701 &:= 2^2 + 2^5 + 14^1 + 25^2 + 26^1 = 22 + 25 + 141 + 252 + 261 & 701 &:= 2^6 + 6^2 + 13^0 + 24^1 + 24^2 = 26 + 62 + 130 + 241 + 242 \\ 701 &:= 2^2 + 2^5 + 15^1 + 25^1 + 25^2 = 22 + 25 + 151 + 251 + 252 & 701 &:= 2^6 + 7^0 + 13^2 + 21^2 + 26^1 = 26 + 70 + 132 + 212 + 261 \\ 701 &:= 2^2 + 2^5 + 16^1 + 24^1 + 25^2 = 22 + 25 + 161 + 241 + 252 & 701 &:= 2^6 + 7^1 + 10^2 + 23^2 + 27^0 = 26 + 71 + 102 + 232 + 270 \\ 701 &:= 2^2 + 2^5 + 17^1 + 23^1 + 25^2 = 22 + 25 + 171 + 231 + 252 & 701 &:= 2^6 + 7^2 + 11^1 + 24^2 + 25^0 = 26 + 72 + 111 + 242 + 250 \\ 701 &:= 2^2 + 2^5 + 18^1 + 22^1 + 25^2 = 22 + 25 + 181 + 221 + 252 & 701 &:= 2^6 + 8^1 + 12^2 + 22^2 + 25^0 = 26 + 81 + 122 + 222 + 250 \\ 701 &:= 2^2 + 2^5 + 19^1 + 21^1 + 25^2 = 22 + 25 + 191 + 211 + 252 & 701 &:= 2^6 + 9^0 + 17^2 + 18^2 + 23^1 = 26 + 90 + 172 + 182 + 231 \\ 701 &:= 2^2 + 2^5 + 20^1 + 20^1 + 25^2 = 22 + 25 + 201 + 201 + 252 & 701 &:= 2^6 + 9^0 + 9^2 + 23^2 + 26^1 = 26 + 90 + 92 + 232 + 261 \\ 701 &:= 2^4 + 13^2 + 13^2 + 18^2 + 23^1 = 24 + 132 + 132 + 182 + 231 & 701 &:= 3^4 + 12^2 + 14^2 + 16^2 + 24^1 = 34 + 122 + 142 + 162 + 241 \\ 701 &:= 2^4 + 3^4 + 13^0 + 24^2 + 27^1 = 24 + 34 + 130 + 242 + 271 & 701 &:= 3^4 + 6^2 + 14^2 + 19^2 + 27^1 = 34 + 62 + 142 + 192 + 271 \\ 701 &:= 2^4 + 7^2 + 13^2 + 21^2 + 26^1 = 24 + 72 + 132 + 212 + 261 & 701 &:= 3^4 + 7^2 + 12^2 + 20^2 + 27^1 = 34 + 72 + 122 + 202 + 271 \\ 701 &:= 2^4 + 8^2 + 14^2 + 20^2 + 25^1 = 24 + 82 + 142 + 202 + 251 & 701 &:= 3^4 + 7^2 + 16^2 + 17^2 + 26^1 = 34 + 72 + 162 + 172 + 261 \\ 701 &:= 2^4 + 9^2 + 16^2 + 18^2 + 24^1 = 24 + 92 + 162 + 182 + 241 & 701 &:= 3^4 + 8^2 + 13^2 + 19^2 + 26^1 = 34 + 82 + 132 + 192 + 261 \\ 701 &:= 2^5 + 10^1 + 14^2 + 21^2 + 22^1 = 25 + 101 + 142 + 212 + 221 & 701 &:= 3^4 + 9^2 + 15^2 + 17^2 + 25^1 = 34 + 92 + 152 + 172 + 251 \\ 701 &:= 2^5 + 11^1 + 14^2 + 21^1 + 21^2 = 25 + 111 + 142 + 211 + 212 & 701 &:= 3^5 + 10^1 + 14^2 + 15^2 + 27^1 = 35 + 101 + 142 + 152 + 271 \\ 701 &:= 2^5 + 12^1 + 14^2 + 20^1 + 21^2 = 25 + 121 + 142 + 201 + 212 & 701 &:= 3^5 + 11^1 + 14^2 + 15^2 + 26^1 = 35 + 111 + 142 + 152 + 261 \\ 701 &:= 2^5 + 13^1 + 14^2 + 19^1 + 21^2 = 25 + 131 + 142 + 191 + 212 & 701 &:= 3^5 + 12^1 + 14^2 + 15^2 + 25^1 = 35 + 121 + 142 + 152 + 251 \\ 701 &:= 2^5 + 14^1 + 14^2 + 18^1 + 21^2 = 25 + 141 + 142 + 181 + 212 & 701 &:= 3^5 + 13^1 + 14^2 + 15^2 + 24^1 = 35 + 131 + 142 + 152 + 241 \\ 701 &:= 2^5 + 14^2 + 15^1 + 17^1 + 21^2 = 25 + 142 + 151 + 171 + 212 & 701 &:= 3^5 + 14^1 + 14^2 + 15^2 + 23^1 = 35 + 141 + 142 + 152 + 231 \\ 701 &:= 2^5 + 14^2 + 16^1 + 16^1 + 21^2 = 25 + 142 + 161 + 161 + 212 & 701 &:= 3^5 + 14^2 + 15^1 + 15^2 + 22^1 = 35 + 142 + 151 + 152 + 221 \\ 701 &:= 2^5 + 3^3 + 16^1 + 23^0 + 25^2 = 25 + 33 + 161 + 230 + 252 & 701 &:= 3^5 + 14^2 + 15^2 + 16^1 + 21^1 = 35 + 142 + 152 + 161 + 211 \\ 701 &:= 2^5 + 5^1 + 14^2 + 21^2 + 27^1 = 25 + 51 + 142 + 212 + 271 & 701 &:= 3^5 + 14^2 + 15^2 + 17^1 + 20^1 = 35 + 142 + 152 + 171 + 201 \\ 701 &:= 2^5 + 5^3 + 14^1 + 23^2 + 25^0 = 25 + 53 + 141 + 232 + 250 & 701 &:= 3^5 + 14^2 + 15^2 + 18^1 + 19^1 = 35 + 142 + 152 + 181 + 191 \\ 701 &:= 2^5 + 5^4 + 16^1 + 19^0 + 27^1 = 25 + 54 + 161 + 190 + 271 & 701 &:= 3^5 + 4^2 + 15^1 + 20^2 + 27^1 = 35 + 42 + 151 + 202 + 271 \\ 701 &:= 2^5 + 5^4 + 17^1 + 19^0 + 26^1 = 25 + 54 + 171 + 190 + 261 & 701 &:= 3^5 + 4^2 + 16^1 + 20^2 + 26^1 = 35 + 42 + 161 + 202 + 261 \\ 701 &:= 2^5 + 5^4 + 18^1 + 19^0 + 25^1 = 25 + 54 + 181 + 190 + 251 & 701 &:= 3^5 + 4^2 + 17^1 + 20^2 + 25^1 = 35 + 42 + 171 + 202 + 251 \\ 701 &:= 2^5 + 5^4 + 19^0 + 19^1 + 24^1 = 25 + 54 + 190 + 191 + 241 & 701 &:= 3^5 + 4^2 + 18^1 + 20^2 + 24^1 = 35 + 42 + 181 + 202 + 241 \\ 701 &:= 2^5 + 5^4 + 19^0 + 20^1 + 23^1 = 25 + 54 + 190 + 201 + 231 & 701 &:= 3^5 + 4^2 + 19^1 + 20^2 + 23^1 = 35 + 42 + 191 + 202 + 231 \\ 701 &:= 2^5 + 5^4 + 19^0 + 21^1 + 22^1 = 25 + 54 + 190 + 211 + 221 & 701 &:= 3^5 + 4^2 + 20^1 + 20^2 + 22^1 = 35 + 42 + 201 + 202 + 221 \\ 701 &:= 2^5 + 6^1 + 14^2 + 21^2 + 26^1 = 25 + 61 + 142 + 212 + 261 & 701 &:= 3^5 + 4^2 + 20^2 + 21^1 + 21^1 = 35 + 42 + 202 + 211 + 211 \\ 701 &:= 2^5 + 7^1 + 14^2 + 21^2 + 25^1 = 25 + 71 + 142 + 212 + 251 \end{aligned}$$

$702 := 1^7 + 6^3 + 22^2 + 40^0$	$= 17 + 63 + 222 + 400$	$702 := 1^8 + 9^1 + 15^1 + 18^0 + 26^2$	$= 18 + 91 + 151 + 180 + 262$
$702 := 1^9 + 18^0 + 24^1 + 26^2$	$= 19 + 180 + 241 + 262$	$702 := 1^9 + 2^0 + 17^0 + 23^1 + 26^2$	$= 19 + 20 + 170 + 231 + 262$
$702 := 2^2 + 2^8 + 21^2 + 44^0$	$= 22 + 28 + 212 + 440$	$702 := 1^9 + 3^0 + 16^0 + 23^1 + 26^2$	$= 19 + 30 + 160 + 231 + 262$
$702 := 2^6 + 2^6 + 2^9 + 62^1$	$= 26 + 26 + 29 + 621$	$702 := 1^9 + 4^0 + 15^0 + 23^1 + 26^2$	$= 19 + 40 + 150 + 231 + 262$
$702 := 2^6 + 5^3 + 8^3 + 54^0$	$= 26 + 53 + 83 + 540$	$702 := 1^9 + 5^0 + 14^0 + 23^1 + 26^2$	$= 19 + 50 + 140 + 231 + 262$
$702 := 2^8 + 11^2 + 18^2 + 38^0$	$= 28 + 112 + 182 + 380$	$702 := 1^9 + 6^0 + 13^0 + 23^1 + 26^2$	$= 19 + 60 + 130 + 231 + 262$
$702 := 2^9 + 10^0 + 12^2 + 45^1$	$= 29 + 100 + 122 + 451$	$702 := 1^9 + 7^0 + 12^0 + 23^1 + 26^2$	$= 19 + 70 + 120 + 231 + 262$
$702 := 2^9 + 13^2 + 20^1 + 34^0$	$= 29 + 132 + 201 + 340$	$702 := 1^9 + 8^0 + 11^0 + 23^1 + 26^2$	$= 19 + 80 + 110 + 231 + 262$
$702 := 1^0 + 1^9 + 18^0 + 23^1 + 26^2$	$= 10 + 19 + 180 + 231 + 262$	$702 := 1^9 + 9^0 + 10^0 + 23^1 + 26^2$	$= 19 + 90 + 100 + 231 + 262$
$702 := 1^1 + 1^8 + 18^0 + 23^1 + 26^2$	$= 11 + 18 + 180 + 231 + 262$	$702 := 2^0 + 2^8 + 18^1 + 20^2 + 27^1$	$= 20 + 28 + 181 + 202 + 271$
$702 := 1^2 + 1^7 + 18^0 + 23^1 + 26^2$	$= 12 + 17 + 180 + 231 + 262$	$702 := 2^0 + 2^8 + 19^1 + 20^2 + 26^1$	$= 20 + 28 + 191 + 202 + 261$
$702 := 1^3 + 1^6 + 18^0 + 23^1 + 26^2$	$= 13 + 16 + 180 + 231 + 262$	$702 := 2^0 + 2^8 + 20^1 + 20^2 + 25^1$	$= 20 + 28 + 201 + 202 + 251$
$702 := 1^4 + 1^5 + 18^0 + 23^1 + 26^2$	$= 14 + 15 + 180 + 231 + 262$	$702 := 2^0 + 2^8 + 20^2 + 21^1 + 24^1$	$= 20 + 28 + 202 + 211 + 241$
$702 := 1^6 + 2^3 + 16^1 + 24^0 + 26^2$	$= 16 + 23 + 161 + 240 + 262$	$702 := 2^0 + 2^8 + 20^2 + 22^1 + 23^1$	$= 20 + 28 + 202 + 221 + 231$
$702 := 1^7 + 10^0 + 10^2 + 24^1 + 24^2$	$= 17 + 100 + 102 + 241 + 242$	$702 := 2^6 + 12^2 + 13^2 + 18^2 + 24^0$	$= 26 + 122 + 132 + 182 + 240$
$702 := 1^7 + 11^1 + 17^2 + 20^0 + 20^2$	$= 17 + 111 + 172 + 200 + 202$	$702 := 2^6 + 6^3 + 20^0 + 20^2 + 21^1$	$= 26 + 63 + 200 + 202 + 211$
$702 := 1^7 + 12^0 + 14^2 + 20^1 + 22^2$	$= 17 + 120 + 142 + 201 + 222$	$702 := 2^6 + 8^3 + 10^2 + 24^0 + 25^1$	$= 26 + 83 + 102 + 240 + 251$
$702 := 1^7 + 15^1 + 16^0 + 18^2 + 19^2$	$= 17 + 151 + 160 + 182 + 192$	$702 := 2^7 + 10^0 + 15^2 + 18^2 + 24^1$	$= 27 + 100 + 152 + 182 + 241$
$702 := 1^7 + 2^2 + 20^0 + 20^1 + 26^2$	$= 17 + 22 + 200 + 201 + 262$	$702 := 2^7 + 11^1 + 11^2 + 21^2 + 24^0$	$= 27 + 111 + 112 + 212 + 240$
$702 := 1^7 + 3^2 + 15^1 + 24^0 + 26^2$	$= 17 + 32 + 151 + 240 + 262$	$702 := 2^7 + 14^2 + 16^1 + 18^0 + 19^2$	$= 27 + 142 + 161 + 180 + 192$
$702 := 1^7 + 6^0 + 12^2 + 23^2 + 27^1$	$= 17 + 60 + 122 + 232 + 271$	$702 := 2^7 + 5^2 + 19^1 + 20^0 + 23^2$	$= 27 + 52 + 191 + 200 + 232$
$702 := 1^7 + 7^2 + 10^0 + 25^2 + 26^1$	$= 17 + 72 + 100 + 252 + 261$	$702 := 2^7 + 8^2 + 12^0 + 22^2 + 25^1$	$= 27 + 82 + 120 + 222 + 251$
$702 := 1^7 + 8^2 + 11^1 + 24^0 + 25^2$	$= 17 + 82 + 111 + 240 + 252$	$702 := 2^9 + 10^0 + 13^2 + 19^1 + 25^0$	$= 29 + 100 + 132 + 191 + 250$
$702 := 1^8 + 10^1 + 14^1 + 18^0 + 26^2$	$= 18 + 101 + 141 + 180 + 262$	$702 := 2^9 + 11^0 + 13^2 + 19^1 + 24^0$	$= 29 + 110 + 132 + 191 + 240$
$702 := 1^8 + 11^1 + 13^1 + 18^0 + 26^2$	$= 18 + 111 + 131 + 180 + 262$	$702 := 2^9 + 12^0 + 13^2 + 19^1 + 23^0$	$= 29 + 120 + 132 + 191 + 230$
$702 := 1^8 + 12^1 + 12^1 + 18^0 + 26^2$	$= 18 + 121 + 121 + 180 + 262$	$702 := 2^9 + 13^0 + 13^2 + 19^1 + 22^0$	$= 29 + 130 + 132 + 191 + 220$
$702 := 1^8 + 2^1 + 18^0 + 22^1 + 26^2$	$= 18 + 21 + 180 + 221 + 262$	$702 := 2^9 + 13^2 + 14^0 + 19^1 + 21^0$	$= 29 + 132 + 140 + 191 + 210$
$702 := 1^8 + 3^1 + 18^0 + 21^1 + 26^2$	$= 18 + 31 + 180 + 211 + 262$	$702 := 2^9 + 13^2 + 15^0 + 19^1 + 20^0$	$= 29 + 132 + 150 + 191 + 200$
$702 := 1^8 + 4^1 + 18^0 + 20^1 + 26^2$	$= 18 + 41 + 180 + 201 + 262$	$702 := 2^9 + 13^2 + 16^0 + 19^0 + 19^1$	$= 29 + 132 + 160 + 190 + 191$
$702 := 1^8 + 5^1 + 18^0 + 19^1 + 26^2$	$= 18 + 51 + 180 + 191 + 262$	$702 := 2^9 + 13^2 + 17^0 + 18^0 + 19^1$	$= 29 + 132 + 170 + 180 + 191$
$702 := 1^8 + 6^1 + 18^0 + 18^1 + 26^2$	$= 18 + 61 + 180 + 181 + 262$	$702 := 2^9 + 8^0 + 13^2 + 19^1 + 27^0$	$= 29 + 80 + 132 + 191 + 270$
$702 := 1^8 + 7^1 + 17^1 + 18^0 + 26^2$	$= 18 + 71 + 171 + 180 + 262$	$702 := 2^9 + 9^0 + 13^2 + 19^1 + 26^0$	$= 29 + 90 + 132 + 191 + 260$
$702 := 1^8 + 8^1 + 16^1 + 18^0 + 26^2$	$= 18 + 81 + 161 + 180 + 262$		

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$703 := 18^0 + 26^1 + 26^2$	$= 180 + 261 + 262$	$703 := 1^2 + 2^8 + 20^2 + 46^1$	$= 12 + 28 + 202 + 461$
$703 := 1^0 + 18^0 + 25^1 + 26^2$	$= 10 + 180 + 251 + 262$	$703 := 1^4 + 2^4 + 5^4 + 61^1$	$= 14 + 24 + 54 + 611$

$$\begin{aligned} 703 &:= 1^8 + 5^3 + 24^2 + 39^0 = 18 + 53 + 242 + 390 & 703 &:= 1^7 + 2^3 + 17^1 + 23^0 + 26^2 = 17 + 23 + 171 + 230 + 262 \\ 703 &:= 1^9 + 5^2 + 26^2 + 37^0 = 19 + 52 + 262 + 370 & 703 &:= 1^7 + 4^2 + 18^2 + 19^2 + 27^0 = 17 + 42 + 182 + 192 + 270 \\ 703 &:= 2^0 + 17^0 + 25^1 + 26^2 = 20 + 170 + 251 + 262 & 703 &:= 1^7 + 4^3 + 12^1 + 25^2 + 27^0 = 17 + 43 + 121 + 252 + 270 \\ 703 &:= 3^0 + 16^0 + 25^1 + 26^2 = 30 + 160 + 251 + 262 & 703 &:= 1^7 + 8^2 + 14^2 + 21^2 + 25^0 = 17 + 82 + 142 + 212 + 250 \\ 703 &:= 3^5 + 3^5 + 6^3 + 57^0 = 35 + 35 + 63 + 570 & 703 &:= 1^7 + 8^3 + 13^2 + 20^1 + 27^0 = 17 + 83 + 132 + 201 + 270 \\ 703 &:= 4^0 + 15^0 + 25^1 + 26^2 = 40 + 150 + 251 + 262 & 703 &:= 1^8 + 11^0 + 14^2 + 21^1 + 22^2 = 18 + 110 + 142 + 211 + 222 \\ 703 &:= 5^0 + 14^0 + 25^1 + 26^2 = 50 + 140 + 251 + 262 & 703 &:= 1^8 + 12^1 + 17^2 + 19^0 + 20^2 = 18 + 121 + 172 + 190 + 202 \\ 703 &:= 6^0 + 13^0 + 25^1 + 26^2 = 60 + 130 + 251 + 262 & 703 &:= 1^8 + 15^0 + 16^1 + 18^2 + 19^2 = 18 + 150 + 161 + 182 + 192 \\ 703 &:= 7^0 + 12^0 + 25^1 + 26^2 = 70 + 120 + 251 + 262 & 703 &:= 1^8 + 2^2 + 19^0 + 21^1 + 26^2 = 18 + 22 + 190 + 211 + 262 \\ 703 &:= 8^0 + 11^0 + 25^1 + 26^2 = 80 + 110 + 251 + 262 & 703 &:= 1^8 + 3^2 + 16^1 + 23^0 + 26^2 = 18 + 32 + 161 + 230 + 262 \\ 703 &:= 9^0 + 10^0 + 25^1 + 26^2 = 90 + 100 + 251 + 262 & 703 &:= 1^8 + 4^1 + 16^2 + 21^2 + 27^0 = 18 + 41 + 162 + 212 + 270 \\ 703 &:= 1^0 + 1^0 + 18^0 + 24^1 + 26^2 = 10 + 10 + 180 + 241 + 262 & 703 &:= 1^8 + 6^3 + 13^0 + 22^2 + 27^0 = 18 + 63 + 130 + 222 + 270 \\ 703 &:= 1^0 + 2^0 + 17^0 + 24^1 + 26^2 = 10 + 20 + 170 + 241 + 262 & 703 &:= 1^8 + 6^3 + 14^0 + 22^2 + 26^0 = 18 + 63 + 140 + 222 + 260 \\ 703 &:= 1^0 + 3^0 + 16^0 + 24^1 + 26^2 = 10 + 30 + 160 + 241 + 262 & 703 &:= 1^8 + 6^3 + 15^0 + 22^2 + 25^0 = 18 + 63 + 150 + 222 + 250 \\ 703 &:= 1^0 + 4^0 + 15^0 + 24^1 + 26^2 = 10 + 40 + 150 + 241 + 262 & 703 &:= 1^8 + 6^3 + 16^0 + 22^2 + 24^0 = 18 + 63 + 160 + 222 + 240 \\ 703 &:= 1^0 + 5^0 + 14^0 + 24^1 + 26^2 = 10 + 50 + 140 + 241 + 262 & 703 &:= 1^8 + 6^3 + 17^0 + 22^2 + 23^0 = 18 + 63 + 170 + 222 + 230 \\ 703 &:= 1^0 + 6^0 + 13^0 + 24^1 + 26^2 = 10 + 60 + 130 + 241 + 262 & 703 &:= 1^8 + 6^3 + 18^0 + 22^0 + 22^2 = 18 + 63 + 180 + 220 + 222 \\ 703 &:= 1^0 + 7^0 + 12^0 + 24^1 + 26^2 = 10 + 70 + 120 + 241 + 262 & 703 &:= 1^8 + 6^3 + 19^0 + 21^0 + 22^2 = 18 + 63 + 190 + 210 + 222 \\ 703 &:= 1^0 + 8^0 + 11^0 + 24^1 + 26^2 = 10 + 80 + 110 + 241 + 262 & 703 &:= 1^8 + 6^3 + 20^0 + 20^0 + 22^2 = 18 + 63 + 200 + 200 + 222 \\ 703 &:= 1^0 + 9^0 + 10^0 + 24^1 + 26^2 = 10 + 90 + 100 + 241 + 262 & 703 &:= 1^8 + 7^2 + 9^0 + 25^2 + 27^1 = 18 + 72 + 90 + 252 + 271 \\ 703 &:= 1^1 + 1^9 + 17^0 + 24^1 + 26^2 = 11 + 19 + 170 + 241 + 262 & 703 &:= 1^8 + 8^2 + 12^1 + 23^0 + 25^2 = 18 + 82 + 121 + 230 + 252 \\ 703 &:= 1^1 + 2^8 + 19^1 + 20^2 + 27^1 = 11 + 28 + 191 + 202 + 271 & 703 &:= 1^8 + 9^0 + 10^2 + 24^2 + 25^1 = 18 + 90 + 102 + 242 + 251 \\ 703 &:= 1^1 + 2^8 + 20^1 + 20^2 + 26^1 = 11 + 28 + 201 + 202 + 261 & 703 &:= 1^9 + 10^1 + 15^1 + 17^0 + 26^2 = 19 + 101 + 151 + 170 + 262 \\ 703 &:= 1^1 + 2^8 + 20^2 + 21^1 + 25^1 = 11 + 28 + 202 + 211 + 251 & 703 &:= 1^9 + 11^1 + 14^1 + 17^0 + 26^2 = 19 + 111 + 141 + 170 + 262 \\ 703 &:= 1^1 + 2^8 + 20^2 + 22^1 + 24^1 = 11 + 28 + 202 + 221 + 241 & 703 &:= 1^9 + 12^1 + 13^1 + 17^0 + 26^2 = 19 + 121 + 131 + 170 + 262 \\ 703 &:= 1^1 + 2^8 + 20^2 + 23^1 + 23^1 = 11 + 28 + 202 + 231 + 231 & 703 &:= 1^9 + 2^1 + 17^0 + 23^1 + 26^2 = 19 + 21 + 170 + 231 + 262 \\ 703 &:= 1^2 + 1^8 + 17^0 + 24^1 + 26^2 = 12 + 18 + 170 + 241 + 262 & 703 &:= 1^9 + 3^1 + 17^0 + 22^1 + 26^2 = 19 + 31 + 170 + 221 + 262 \\ 703 &:= 1^3 + 1^7 + 17^0 + 24^1 + 26^2 = 13 + 17 + 170 + 241 + 262 & 703 &:= 1^9 + 4^1 + 17^0 + 21^1 + 26^2 = 19 + 41 + 170 + 211 + 262 \\ 703 &:= 1^4 + 1^6 + 17^0 + 24^1 + 26^2 = 14 + 16 + 170 + 241 + 262 & 703 &:= 1^9 + 5^1 + 17^0 + 20^1 + 26^2 = 19 + 51 + 170 + 201 + 262 \\ 703 &:= 1^5 + 1^5 + 17^0 + 24^1 + 26^2 = 15 + 15 + 170 + 241 + 262 & 703 &:= 1^9 + 6^1 + 17^0 + 19^1 + 26^2 = 19 + 61 + 170 + 191 + 262 \\ 703 &:= 1^5 + 3^5 + 17^1 + 21^2 + 27^0 = 15 + 35 + 171 + 212 + 270 & 703 &:= 1^9 + 7^1 + 17^0 + 18^1 + 26^2 = 19 + 71 + 170 + 181 + 262 \\ 703 &:= 1^6 + 10^2 + 17^2 + 17^2 + 24^1 = 16 + 102 + 172 + 172 + 241 & 703 &:= 1^9 + 8^1 + 17^0 + 17^1 + 26^2 = 19 + 81 + 170 + 171 + 262 \\ 703 &:= 1^6 + 11^2 + 14^2 + 19^2 + 24^1 = 16 + 112 + 142 + 192 + 241 & 703 &:= 1^9 + 9^1 + 16^1 + 17^0 + 26^2 = 19 + 91 + 161 + 170 + 262 \\ 703 &:= 1^6 + 5^2 + 17^2 + 19^2 + 27^1 = 16 + 52 + 172 + 192 + 271 & 703 &:= 2^0 + 2^0 + 16^0 + 24^1 + 26^2 = 20 + 20 + 160 + 241 + 262 \\ 703 &:= 1^6 + 8^2 + 17^2 + 18^2 + 25^1 = 16 + 82 + 172 + 182 + 251 & 703 &:= 2^0 + 3^0 + 15^0 + 24^1 + 26^2 = 20 + 30 + 150 + 241 + 262 \\ 703 &:= 1^6 + 9^2 + 14^2 + 20^2 + 25^1 = 16 + 92 + 142 + 202 + 251 & 703 &:= 2^0 + 4^0 + 14^0 + 24^1 + 26^2 = 20 + 40 + 140 + 241 + 262 \\ 703 &:= 1^7 + 11^2 + 16^2 + 18^2 + 23^0 = 17 + 112 + 162 + 182 + 230 & 703 &:= 2^0 + 5^0 + 13^0 + 24^1 + 26^2 = 20 + 50 + 130 + 241 + 262 \\ 703 &:= 1^7 + 12^2 + 14^2 + 19^2 + 23^0 = 17 + 122 + 142 + 192 + 230 & 703 &:= 2^0 + 6^0 + 12^0 + 24^1 + 26^2 = 20 + 60 + 120 + 241 + 262 \end{aligned}$$

$$\begin{aligned} 703 &:= 2^0 + 7^0 + 11^0 + 24^1 + 26^2 = 20 + 70 + 110 + 241 + 262 \\ 703 &:= 2^0 + 8^0 + 10^0 + 24^1 + 26^2 = 20 + 80 + 100 + 241 + 262 \\ 703 &:= 2^0 + 9^0 + 9^0 + 24^1 + 26^2 = 20 + 90 + 90 + 241 + 262 \\ 703 &:= 2^1 + 2^8 + 18^1 + 20^2 + 27^1 = 21 + 28 + 181 + 202 + 271 \\ 703 &:= 2^1 + 2^8 + 19^1 + 20^2 + 26^1 = 21 + 28 + 191 + 202 + 261 \\ 703 &:= 2^1 + 2^8 + 20^1 + 20^2 + 25^1 = 21 + 28 + 201 + 202 + 251 \\ 703 &:= 2^1 + 2^8 + 20^2 + 21^1 + 24^1 = 21 + 28 + 202 + 211 + 241 \\ 703 &:= 2^1 + 2^8 + 20^2 + 22^1 + 23^1 = 21 + 28 + 202 + 221 + 231 \\ 703 &:= 2^2 + 2^7 + 15^1 + 23^2 + 27^1 = 22 + 27 + 151 + 232 + 271 \\ 703 &:= 2^2 + 2^7 + 16^1 + 23^2 + 26^1 = 22 + 27 + 161 + 232 + 261 \\ 703 &:= 2^2 + 2^7 + 17^1 + 23^2 + 25^1 = 22 + 27 + 171 + 232 + 251 \\ 703 &:= 2^2 + 2^7 + 18^1 + 23^2 + 24^1 = 22 + 27 + 181 + 232 + 241 \\ 703 &:= 2^2 + 2^7 + 19^1 + 23^1 + 23^2 = 22 + 27 + 191 + 231 + 232 \\ 703 &:= 2^2 + 2^7 + 20^1 + 22^1 + 23^2 = 22 + 27 + 201 + 221 + 232 \\ 703 &:= 2^2 + 2^7 + 21^1 + 21^1 + 23^2 = 22 + 27 + 211 + 211 + 232 \\ 703 &:= 2^4 + 3^5 + 17^1 + 20^2 + 27^1 = 24 + 35 + 171 + 202 + 271 \\ 703 &:= 2^4 + 3^5 + 18^1 + 20^2 + 26^1 = 24 + 35 + 181 + 202 + 261 \\ 703 &:= 2^4 + 3^5 + 19^1 + 20^2 + 25^1 = 24 + 35 + 191 + 202 + 251 \\ 703 &:= 2^4 + 3^5 + 20^1 + 20^2 + 24^1 = 24 + 35 + 201 + 202 + 241 \\ 703 &:= 2^4 + 3^5 + 20^2 + 21^1 + 23^1 = 24 + 35 + 202 + 211 + 231 \\ 703 &:= 2^4 + 3^5 + 20^2 + 22^1 + 22^1 = 24 + 35 + 202 + 221 + 221 \\ 703 &:= 2^5 + 2^5 + 13^1 + 25^2 + 27^0 = 25 + 25 + 131 + 252 + 270 \\ 703 &:= 2^5 + 3^5 + 17^0 + 20^2 + 27^1 = 25 + 35 + 170 + 202 + 271 \\ 703 &:= 2^6 + 10^2 + 15^2 + 17^2 + 25^1 = 26 + 102 + 152 + 172 + 251 \\ 703 &:= 2^6 + 11^2 + 13^2 + 18^2 + 25^1 = 26 + 112 + 132 + 182 + 251 \\ 703 &:= 2^6 + 4^4 + 19^2 + 21^1 + 23^0 = 26 + 44 + 192 + 211 + 230 \\ 703 &:= 2^6 + 8^2 + 15^2 + 18^2 + 26^1 = 26 + 82 + 152 + 182 + 261 \\ 703 &:= 2^7 + 3^3 + 18^1 + 23^0 + 23^2 = 27 + 33 + 181 + 230 + 232 \\ 703 &:= 2^7 + 4^3 + 15^0 + 22^2 + 26^1 = 27 + 43 + 150 + 222 + 261 \\ 703 &:= 2^7 + 6^2 + 8^3 + 26^1 + 27^0 = 27 + 62 + 83 + 261 + 270 \\ 703 &:= 2^7 + 9^2 + 13^2 + 18^2 + 27^0 = 27 + 92 + 132 + 182 + 270 \\ 703 &:= 2^8 + 10^1 + 10^1 + 20^2 + 27^1 = 28 + 101 + 101 + 202 + 271 \\ 703 &:= 2^8 + 10^1 + 11^1 + 20^2 + 26^1 = 28 + 101 + 111 + 202 + 261 \\ 703 &:= 2^8 + 10^1 + 12^1 + 20^2 + 25^1 = 28 + 101 + 121 + 202 + 251 \\ 703 &:= 2^8 + 10^1 + 13^1 + 20^2 + 24^1 = 28 + 101 + 131 + 202 + 241 \\ 703 &:= 2^8 + 10^1 + 14^1 + 20^2 + 23^1 = 28 + 101 + 141 + 202 + 231 \\ 703 &:= 2^8 + 10^1 + 15^1 + 20^2 + 22^1 = 28 + 101 + 151 + 202 + 221 \\ 703 &:= 2^8 + 10^1 + 16^1 + 20^2 + 21^1 = 28 + 101 + 161 + 202 + 211 \end{aligned}$$

$$\begin{aligned} 703 &:= 2^8 + 10^1 + 17^1 + 20^1 + 20^2 = 28 + 101 + 171 + 201 + 202 \\ 703 &:= 2^8 + 10^1 + 18^1 + 19^1 + 20^2 = 28 + 101 + 181 + 191 + 202 \\ 703 &:= 2^8 + 10^2 + 17^0 + 18^2 + 22^1 = 28 + 102 + 170 + 182 + 221 \\ 703 &:= 2^8 + 11^1 + 11^1 + 20^2 + 25^1 = 28 + 111 + 111 + 202 + 251 \\ 703 &:= 2^8 + 11^1 + 12^1 + 20^2 + 24^1 = 28 + 111 + 121 + 202 + 241 \\ 703 &:= 2^8 + 11^1 + 13^1 + 20^2 + 23^1 = 28 + 111 + 131 + 202 + 231 \\ 703 &:= 2^8 + 11^1 + 14^1 + 20^2 + 22^1 = 28 + 111 + 141 + 202 + 221 \\ 703 &:= 2^8 + 11^1 + 15^1 + 20^2 + 21^1 = 28 + 111 + 151 + 202 + 211 \\ 703 &:= 2^8 + 11^1 + 16^1 + 20^1 + 20^2 = 28 + 111 + 161 + 201 + 202 \\ 703 &:= 2^8 + 11^1 + 17^1 + 19^1 + 20^2 = 28 + 111 + 171 + 191 + 202 \\ 703 &:= 2^8 + 11^1 + 18^1 + 18^1 + 20^2 = 28 + 111 + 181 + 181 + 202 \\ 703 &:= 2^8 + 12^1 + 12^1 + 20^2 + 23^1 = 28 + 121 + 121 + 202 + 231 \\ 703 &:= 2^8 + 12^1 + 13^1 + 20^2 + 22^1 = 28 + 121 + 131 + 202 + 221 \\ 703 &:= 2^8 + 12^1 + 14^1 + 20^2 + 21^1 = 28 + 121 + 141 + 202 + 211 \\ 703 &:= 2^8 + 12^1 + 15^1 + 20^1 + 20^2 = 28 + 121 + 151 + 201 + 202 \\ 703 &:= 2^8 + 12^1 + 16^1 + 19^1 + 20^2 = 28 + 121 + 161 + 191 + 202 \\ 703 &:= 2^8 + 12^1 + 17^1 + 18^1 + 20^2 = 28 + 121 + 171 + 181 + 202 \\ 703 &:= 2^8 + 12^2 + 13^1 + 17^2 + 25^0 = 28 + 122 + 131 + 172 + 250 \\ 703 &:= 2^8 + 13^0 + 14^2 + 15^2 + 25^1 = 28 + 130 + 142 + 152 + 251 \\ 703 &:= 2^8 + 13^1 + 13^1 + 20^2 + 21^1 = 28 + 131 + 131 + 202 + 211 \\ 703 &:= 2^8 + 13^1 + 14^1 + 20^1 + 20^2 = 28 + 131 + 141 + 201 + 202 \\ 703 &:= 2^8 + 13^1 + 15^1 + 19^1 + 20^2 = 28 + 131 + 151 + 191 + 202 \\ 703 &:= 2^8 + 13^1 + 16^1 + 18^1 + 20^2 = 28 + 131 + 161 + 181 + 202 \\ 703 &:= 2^8 + 13^1 + 17^1 + 17^1 + 20^2 = 28 + 131 + 171 + 171 + 202 \\ 703 &:= 2^8 + 13^2 + 16^2 + 17^0 + 21^1 = 28 + 132 + 162 + 170 + 211 \\ 703 &:= 2^8 + 14^1 + 14^1 + 19^1 + 20^2 = 28 + 141 + 141 + 191 + 202 \\ 703 &:= 2^8 + 14^1 + 15^1 + 18^1 + 20^2 = 28 + 141 + 151 + 181 + 202 \\ 703 &:= 2^8 + 14^1 + 16^1 + 17^1 + 20^2 = 28 + 141 + 161 + 171 + 202 \\ 703 &:= 2^8 + 15^1 + 15^1 + 17^1 + 20^2 = 28 + 151 + 151 + 171 + 202 \\ 703 &:= 2^8 + 15^1 + 16^1 + 16^1 + 20^2 = 28 + 151 + 161 + 161 + 202 \\ 703 &:= 2^8 + 3^1 + 17^1 + 20^2 + 27^1 = 28 + 31 + 171 + 202 + 271 \\ 703 &:= 2^8 + 3^1 + 18^1 + 20^2 + 26^1 = 28 + 31 + 181 + 202 + 261 \\ 703 &:= 2^8 + 3^1 + 19^1 + 20^2 + 25^1 = 28 + 31 + 191 + 202 + 251 \\ 703 &:= 2^8 + 3^1 + 20^1 + 20^2 + 24^1 = 28 + 31 + 201 + 202 + 241 \\ 703 &:= 2^8 + 3^1 + 20^2 + 21^1 + 23^1 = 28 + 31 + 202 + 211 + 231 \\ 703 &:= 2^8 + 3^1 + 20^2 + 22^1 + 22^1 = 28 + 31 + 202 + 221 + 221 \\ 703 &:= 2^8 + 4^1 + 16^1 + 20^2 + 27^1 = 28 + 41 + 161 + 202 + 271 \\ 703 &:= 2^8 + 4^1 + 17^1 + 20^2 + 26^1 = 28 + 41 + 171 + 202 + 261 \end{aligned}$$

$$\begin{aligned} 703 &:= 2^8 + 4^1 + 18^1 + 20^2 + 25^1 = 28 + 41 + 181 + 202 + 251 & 703 &:= 2^8 + 8^1 + 19^1 + 20^1 + 20^2 = 28 + 81 + 191 + 201 + 202 \\ 703 &:= 2^8 + 4^1 + 19^1 + 20^2 + 24^1 = 28 + 41 + 191 + 202 + 241 & 703 &:= 2^8 + 8^2 + 19^0 + 19^2 + 21^1 = 28 + 82 + 190 + 192 + 211 \\ 703 &:= 2^8 + 4^1 + 20^1 + 20^2 + 23^1 = 28 + 41 + 201 + 202 + 231 & 703 &:= 2^8 + 9^1 + 11^1 + 20^2 + 27^1 = 28 + 91 + 111 + 202 + 271 \\ 703 &:= 2^8 + 4^1 + 20^2 + 21^1 + 22^1 = 28 + 41 + 202 + 211 + 221 & 703 &:= 2^8 + 9^1 + 12^1 + 20^2 + 26^1 = 28 + 91 + 121 + 202 + 261 \\ 703 &:= 2^8 + 5^1 + 15^1 + 20^2 + 27^1 = 28 + 51 + 151 + 202 + 271 & 703 &:= 2^8 + 9^1 + 13^1 + 20^2 + 25^1 = 28 + 91 + 131 + 202 + 251 \\ 703 &:= 2^8 + 5^1 + 16^1 + 20^2 + 26^1 = 28 + 51 + 161 + 202 + 261 & 703 &:= 2^8 + 9^1 + 14^1 + 20^2 + 24^1 = 28 + 91 + 141 + 202 + 241 \\ 703 &:= 2^8 + 5^1 + 17^1 + 20^2 + 25^1 = 28 + 51 + 171 + 202 + 251 & 703 &:= 2^8 + 9^1 + 15^1 + 20^2 + 23^1 = 28 + 91 + 151 + 202 + 231 \\ 703 &:= 2^8 + 5^1 + 18^1 + 20^2 + 24^1 = 28 + 51 + 181 + 202 + 241 & 703 &:= 2^8 + 9^1 + 16^1 + 20^2 + 22^1 = 28 + 91 + 161 + 202 + 221 \\ 703 &:= 2^8 + 5^1 + 19^1 + 20^2 + 23^1 = 28 + 51 + 191 + 202 + 231 & 703 &:= 2^8 + 9^1 + 17^1 + 20^2 + 21^1 = 28 + 91 + 171 + 202 + 211 \\ 703 &:= 2^8 + 5^1 + 20^1 + 20^2 + 22^1 = 28 + 51 + 201 + 202 + 221 & 703 &:= 2^8 + 9^1 + 18^1 + 20^1 + 20^2 = 28 + 91 + 181 + 201 + 202 \\ 703 &:= 2^8 + 5^1 + 20^2 + 21^1 + 21^1 = 28 + 51 + 202 + 211 + 211 & 703 &:= 2^8 + 9^1 + 19^1 + 19^1 + 20^2 = 28 + 91 + 191 + 191 + 202 \\ 703 &:= 2^8 + 5^2 + 20^2 + 21^0 + 21^1 = 28 + 52 + 202 + 210 + 211 & 703 &:= 2^9 + 9^0 + 12^2 + 19^1 + 27^1 = 29 + 90 + 122 + 191 + 271 \\ 703 &:= 2^8 + 6^1 + 14^1 + 20^2 + 27^1 = 28 + 61 + 141 + 202 + 271 & 703 &:= 2^9 + 9^0 + 12^2 + 20^1 + 26^1 = 29 + 90 + 122 + 201 + 261 \\ 703 &:= 2^8 + 6^1 + 15^1 + 20^2 + 26^1 = 28 + 61 + 151 + 202 + 261 & 703 &:= 2^9 + 9^0 + 12^2 + 21^1 + 25^1 = 29 + 90 + 122 + 211 + 251 \\ 703 &:= 2^8 + 6^1 + 16^1 + 20^2 + 25^1 = 28 + 61 + 161 + 202 + 251 & 703 &:= 2^9 + 9^0 + 12^2 + 22^1 + 24^1 = 29 + 90 + 122 + 221 + 241 \\ 703 &:= 2^8 + 6^1 + 17^1 + 20^2 + 24^1 = 28 + 61 + 171 + 202 + 241 & 703 &:= 2^9 + 9^0 + 12^2 + 23^1 + 23^1 = 29 + 90 + 122 + 231 + 231 \\ 703 &:= 2^8 + 6^1 + 18^1 + 20^2 + 23^1 = 28 + 61 + 181 + 202 + 231 & 703 &:= 3^0 + 3^0 + 14^0 + 24^1 + 26^2 = 30 + 30 + 140 + 241 + 262 \\ 703 &:= 2^8 + 6^1 + 19^1 + 20^2 + 22^1 = 28 + 61 + 191 + 202 + 221 & 703 &:= 3^0 + 4^0 + 13^0 + 24^1 + 26^2 = 30 + 40 + 130 + 241 + 262 \\ 703 &:= 2^8 + 6^1 + 20^1 + 20^2 + 21^1 = 28 + 61 + 201 + 202 + 211 & 703 &:= 3^0 + 5^0 + 12^0 + 24^1 + 26^2 = 30 + 50 + 120 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 13^1 + 20^2 + 27^1 = 28 + 71 + 131 + 202 + 271 & 703 &:= 3^0 + 6^0 + 11^0 + 24^1 + 26^2 = 30 + 60 + 110 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 14^1 + 20^2 + 26^1 = 28 + 71 + 141 + 202 + 261 & 703 &:= 3^0 + 7^0 + 10^0 + 24^1 + 26^2 = 30 + 70 + 100 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 15^1 + 20^2 + 25^1 = 28 + 71 + 151 + 202 + 251 & 703 &:= 3^0 + 8^0 + 9^0 + 24^1 + 26^2 = 30 + 80 + 90 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 16^1 + 20^2 + 24^1 = 28 + 71 + 161 + 202 + 241 & 703 &:= 4^0 + 4^0 + 12^0 + 24^1 + 26^2 = 40 + 40 + 120 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 17^1 + 20^2 + 23^1 = 28 + 71 + 171 + 202 + 231 & 703 &:= 4^0 + 5^0 + 11^0 + 24^1 + 26^2 = 40 + 50 + 110 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 18^1 + 20^2 + 22^1 = 28 + 71 + 181 + 202 + 221 & 703 &:= 4^0 + 6^0 + 10^0 + 24^1 + 26^2 = 40 + 60 + 100 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 19^1 + 20^2 + 21^1 = 28 + 71 + 191 + 202 + 211 & 703 &:= 4^0 + 7^0 + 9^0 + 24^1 + 26^2 = 40 + 70 + 90 + 241 + 262 \\ 703 &:= 2^8 + 7^1 + 20^1 + 20^1 + 20^2 = 28 + 71 + 201 + 201 + 202 & 703 &:= 4^0 + 8^0 + 8^0 + 24^1 + 26^2 = 40 + 80 + 80 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 12^1 + 20^2 + 27^1 = 28 + 81 + 121 + 202 + 271 & 703 &:= 5^0 + 5^0 + 10^0 + 24^1 + 26^2 = 50 + 50 + 100 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 13^1 + 20^2 + 26^1 = 28 + 81 + 131 + 202 + 261 & 703 &:= 5^0 + 6^0 + 9^0 + 24^1 + 26^2 = 50 + 60 + 90 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 14^1 + 20^2 + 25^1 = 28 + 81 + 141 + 202 + 251 & 703 &:= 5^0 + 7^0 + 8^0 + 24^1 + 26^2 = 50 + 70 + 80 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 15^1 + 20^2 + 24^1 = 28 + 81 + 151 + 202 + 241 & 703 &:= 6^0 + 6^0 + 8^0 + 24^1 + 26^2 = 60 + 60 + 80 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 16^1 + 20^2 + 23^1 = 28 + 81 + 161 + 202 + 231 & 703 &:= 6^0 + 7^0 + 7^0 + 24^1 + 26^2 = 60 + 70 + 70 + 241 + 262 \\ 703 &:= 2^8 + 8^1 + 17^1 + 20^2 + 22^1 = 28 + 81 + 171 + 202 + 221 \\ 703 &:= 2^8 + 8^1 + 18^1 + 20^2 + 21^1 = 28 + 81 + 181 + 202 + 211 \end{aligned}$$

2.2.605 Number 704

$704 := 1^1 + 17^0 + 26^1 + 26^2$	$= 11 + 170 + 261 + 262$	$704 := 1^1 + 4^0 + 14^0 + 25^1 + 26^2$	$= 11 + 40 + 140 + 251 + 262$
$704 := 1^7 + 2^7 + 2^9 + 63^1$	$= 17 + 27 + 29 + 631$	$704 := 1^1 + 5^0 + 13^0 + 25^1 + 26^2$	$= 11 + 50 + 130 + 251 + 262$
$704 := 10^1 + 17^0 + 17^1 + 26^2$	$= 101 + 170 + 171 + 262$	$704 := 1^1 + 6^0 + 12^0 + 25^1 + 26^2$	$= 11 + 60 + 120 + 251 + 262$
$704 := 11^1 + 16^1 + 17^0 + 26^2$	$= 111 + 161 + 170 + 262$	$704 := 1^1 + 7^0 + 11^0 + 25^1 + 26^2$	$= 11 + 70 + 110 + 251 + 262$
$704 := 12^1 + 15^1 + 17^0 + 26^2$	$= 121 + 151 + 170 + 262$	$704 := 1^1 + 8^0 + 10^0 + 25^1 + 26^2$	$= 11 + 80 + 100 + 251 + 262$
$704 := 13^1 + 14^1 + 17^0 + 26^2$	$= 131 + 141 + 170 + 262$	$704 := 1^1 + 9^0 + 9^0 + 25^1 + 26^2$	$= 11 + 90 + 90 + 251 + 262$
$704 := 2^1 + 17^0 + 25^1 + 26^2$	$= 21 + 170 + 251 + 262$	$704 := 1^2 + 1^9 + 16^0 + 25^1 + 26^2$	$= 12 + 19 + 160 + 251 + 262$
$704 := 3^1 + 17^0 + 24^1 + 26^2$	$= 31 + 170 + 241 + 262$	$704 := 1^3 + 1^8 + 16^0 + 25^1 + 26^2$	$= 13 + 18 + 160 + 251 + 262$
$704 := 4^1 + 17^0 + 23^1 + 26^2$	$= 41 + 170 + 231 + 262$	$704 := 1^4 + 1^7 + 16^0 + 25^1 + 26^2$	$= 14 + 17 + 160 + 251 + 262$
$704 := 5^1 + 17^0 + 22^1 + 26^2$	$= 51 + 170 + 221 + 262$	$704 := 1^5 + 1^6 + 16^0 + 25^1 + 26^2$	$= 15 + 16 + 160 + 251 + 262$
$704 := 6^1 + 17^0 + 21^1 + 26^2$	$= 61 + 170 + 211 + 262$	$704 := 1^6 + 3^5 + 18^1 + 21^2 + 26^0$	$= 16 + 35 + 181 + 212 + 260$
$704 := 7^1 + 17^0 + 20^1 + 26^2$	$= 71 + 170 + 201 + 262$	$704 := 1^8 + 2^3 + 18^1 + 22^0 + 26^2$	$= 18 + 23 + 181 + 220 + 262$
$704 := 8^1 + 17^0 + 19^1 + 26^2$	$= 81 + 170 + 191 + 262$	$704 := 1^8 + 4^3 + 13^1 + 25^2 + 26^0$	$= 18 + 43 + 131 + 252 + 260$
$704 := 9^1 + 17^0 + 18^1 + 26^2$	$= 91 + 170 + 181 + 262$	$704 := 1^8 + 6^2 + 15^2 + 21^2 + 26^0$	$= 18 + 62 + 152 + 212 + 260$
$704 := 1^0 + 1^1 + 17^0 + 25^1 + 26^2$	$= 10 + 11 + 170 + 251 + 262$	$704 := 1^8 + 7^2 + 13^2 + 22^2 + 26^0$	$= 18 + 72 + 132 + 222 + 260$
$704 := 1^0 + 10^1 + 16^1 + 17^0 + 26^2$	$= 10 + 101 + 161 + 170 + 262$	$704 := 1^8 + 8^3 + 13^2 + 21^1 + 26^0$	$= 18 + 83 + 132 + 211 + 260$
$704 := 1^0 + 11^1 + 15^1 + 17^0 + 26^2$	$= 10 + 111 + 151 + 170 + 262$	$704 := 1^9 + 10^0 + 14^2 + 22^1 + 22^2$	$= 19 + 100 + 142 + 221 + 222$
$704 := 1^0 + 12^1 + 14^1 + 17^0 + 26^2$	$= 10 + 121 + 141 + 170 + 262$	$704 := 1^9 + 13^1 + 17^2 + 18^0 + 20^2$	$= 19 + 131 + 172 + 180 + 202$
$704 := 1^0 + 13^1 + 13^1 + 17^0 + 26^2$	$= 10 + 131 + 131 + 170 + 262$	$704 := 1^9 + 14^0 + 17^1 + 18^2 + 19^2$	$= 19 + 140 + 171 + 182 + 192$
$704 := 1^0 + 2^1 + 17^0 + 24^1 + 26^2$	$= 10 + 21 + 170 + 241 + 262$	$704 := 1^9 + 2^2 + 18^0 + 22^1 + 26^2$	$= 19 + 22 + 180 + 221 + 262$
$704 := 1^0 + 3^1 + 17^0 + 23^1 + 26^2$	$= 10 + 31 + 170 + 231 + 262$	$704 := 1^9 + 3^2 + 17^1 + 22^0 + 26^2$	$= 19 + 32 + 171 + 220 + 262$
$704 := 1^0 + 4^1 + 17^0 + 22^1 + 26^2$	$= 10 + 41 + 170 + 221 + 262$	$704 := 1^9 + 5^1 + 16^2 + 21^2 + 26^0$	$= 19 + 51 + 162 + 212 + 260$
$704 := 1^0 + 5^1 + 17^0 + 21^1 + 26^2$	$= 10 + 51 + 170 + 211 + 262$	$704 := 1^9 + 5^3 + 12^0 + 24^2 + 27^0$	$= 19 + 53 + 120 + 242 + 270$
$704 := 1^0 + 5^2 + 11^0 + 26^2 + 27^0$	$= 10 + 52 + 110 + 262 + 270$	$704 := 1^9 + 5^3 + 13^0 + 24^2 + 26^0$	$= 19 + 53 + 130 + 242 + 260$
$704 := 1^0 + 5^2 + 12^0 + 26^0 + 26^2$	$= 10 + 52 + 120 + 260 + 262$	$704 := 1^9 + 5^3 + 14^0 + 24^2 + 25^0$	$= 19 + 53 + 140 + 242 + 250$
$704 := 1^0 + 5^2 + 13^0 + 25^0 + 26^2$	$= 10 + 52 + 130 + 250 + 262$	$704 := 1^9 + 5^3 + 15^0 + 24^0 + 24^2$	$= 19 + 53 + 150 + 240 + 242$
$704 := 1^0 + 5^2 + 14^0 + 24^0 + 26^2$	$= 10 + 52 + 140 + 240 + 262$	$704 := 1^9 + 5^3 + 16^0 + 23^0 + 24^2$	$= 19 + 53 + 160 + 230 + 242$
$704 := 1^0 + 5^2 + 15^0 + 23^0 + 26^2$	$= 10 + 52 + 150 + 230 + 262$	$704 := 1^9 + 5^3 + 17^0 + 22^0 + 24^2$	$= 19 + 53 + 170 + 220 + 242$
$704 := 1^0 + 5^2 + 16^0 + 22^0 + 26^2$	$= 10 + 52 + 160 + 220 + 262$	$704 := 1^9 + 5^3 + 18^0 + 21^0 + 24^2$	$= 19 + 53 + 180 + 210 + 242$
$704 := 1^0 + 5^2 + 17^0 + 21^0 + 26^2$	$= 10 + 52 + 170 + 210 + 262$	$704 := 1^9 + 5^3 + 19^0 + 20^0 + 24^2$	$= 19 + 53 + 190 + 200 + 242$
$704 := 1^0 + 5^2 + 18^0 + 20^0 + 26^2$	$= 10 + 52 + 180 + 200 + 262$	$704 := 1^9 + 8^0 + 10^2 + 24^2 + 26^1$	$= 19 + 80 + 102 + 242 + 261$
$704 := 1^0 + 5^2 + 19^0 + 19^0 + 26^2$	$= 10 + 52 + 190 + 190 + 262$	$704 := 1^9 + 8^2 + 13^1 + 22^0 + 25^2$	$= 19 + 82 + 131 + 220 + 252$
$704 := 1^0 + 6^1 + 17^0 + 20^1 + 26^2$	$= 10 + 61 + 170 + 201 + 262$	$704 := 2^0 + 10^1 + 16^0 + 16^1 + 26^2$	$= 20 + 101 + 160 + 161 + 262$
$704 := 1^0 + 7^1 + 17^0 + 19^1 + 26^2$	$= 10 + 71 + 170 + 191 + 262$	$704 := 2^0 + 11^1 + 15^1 + 16^0 + 26^2$	$= 20 + 111 + 151 + 160 + 262$
$704 := 1^0 + 8^1 + 17^0 + 18^1 + 26^2$	$= 10 + 81 + 170 + 181 + 262$	$704 := 2^0 + 12^1 + 14^1 + 16^0 + 26^2$	$= 20 + 121 + 141 + 160 + 262$
$704 := 1^0 + 9^1 + 17^0 + 17^1 + 26^2$	$= 10 + 91 + 170 + 171 + 262$	$704 := 2^0 + 13^1 + 13^1 + 16^0 + 26^2$	$= 20 + 131 + 131 + 160 + 262$
$704 := 1^1 + 2^0 + 16^0 + 25^1 + 26^2$	$= 11 + 20 + 160 + 251 + 262$	$704 := 2^0 + 2^1 + 16^0 + 24^1 + 26^2$	$= 20 + 21 + 160 + 241 + 262$
$704 := 1^1 + 3^0 + 15^0 + 25^1 + 26^2$	$= 11 + 30 + 150 + 251 + 262$	$704 := 2^0 + 3^1 + 16^0 + 23^1 + 26^2$	$= 20 + 31 + 160 + 231 + 262$

$$\begin{aligned} 704 &:= 2^0 + 4^1 + 16^0 + 22^1 + 26^2 = 20 + 41 + 160 + 221 + 262 & 704 &:= 3^0 + 5^2 + 16^0 + 20^0 + 26^2 = 30 + 52 + 160 + 200 + 262 \\ 704 &:= 2^0 + 5^1 + 16^0 + 21^1 + 26^2 = 20 + 51 + 160 + 211 + 262 & 704 &:= 3^0 + 5^2 + 17^0 + 19^0 + 26^2 = 30 + 52 + 170 + 190 + 262 \\ 704 &:= 2^0 + 5^2 + 10^0 + 26^2 + 27^0 = 20 + 52 + 100 + 262 + 270 & 704 &:= 3^0 + 5^2 + 18^0 + 18^0 + 26^2 = 30 + 52 + 180 + 180 + 262 \\ 704 &:= 2^0 + 5^2 + 11^0 + 26^0 + 26^2 = 20 + 52 + 110 + 260 + 262 & 704 &:= 3^0 + 5^2 + 9^0 + 26^2 + 27^0 = 30 + 52 + 90 + 262 + 270 \\ 704 &:= 2^0 + 5^2 + 12^0 + 25^0 + 26^2 = 20 + 52 + 120 + 250 + 262 & 704 &:= 3^0 + 6^1 + 15^0 + 20^1 + 26^2 = 30 + 61 + 150 + 201 + 262 \\ 704 &:= 2^0 + 5^2 + 13^0 + 24^0 + 26^2 = 20 + 52 + 130 + 240 + 262 & 704 &:= 3^0 + 7^1 + 15^0 + 19^1 + 26^2 = 30 + 71 + 150 + 191 + 262 \\ 704 &:= 2^0 + 5^2 + 14^0 + 23^0 + 26^2 = 20 + 52 + 140 + 230 + 262 & 704 &:= 3^0 + 8^1 + 15^0 + 18^1 + 26^2 = 30 + 81 + 150 + 181 + 262 \\ 704 &:= 2^0 + 5^2 + 15^0 + 22^0 + 26^2 = 20 + 52 + 150 + 220 + 262 & 704 &:= 3^0 + 9^1 + 15^0 + 17^1 + 26^2 = 30 + 91 + 150 + 171 + 262 \\ 704 &:= 2^0 + 5^2 + 16^0 + 21^0 + 26^2 = 20 + 52 + 160 + 210 + 262 & 704 &:= 3^1 + 4^0 + 14^0 + 23^1 + 26^2 = 31 + 40 + 140 + 231 + 262 \\ 704 &:= 2^0 + 5^2 + 17^0 + 20^0 + 26^2 = 20 + 52 + 170 + 200 + 262 & 704 &:= 3^1 + 5^0 + 13^0 + 23^1 + 26^2 = 31 + 50 + 130 + 231 + 262 \\ 704 &:= 2^0 + 5^2 + 18^0 + 19^0 + 26^2 = 20 + 52 + 180 + 190 + 262 & 704 &:= 3^1 + 6^0 + 12^0 + 23^1 + 26^2 = 31 + 60 + 120 + 231 + 262 \\ 704 &:= 2^0 + 6^1 + 16^0 + 20^1 + 26^2 = 20 + 61 + 160 + 201 + 262 & 704 &:= 3^1 + 7^0 + 11^0 + 23^1 + 26^2 = 31 + 70 + 110 + 231 + 262 \\ 704 &:= 2^0 + 7^1 + 16^0 + 19^1 + 26^2 = 20 + 71 + 160 + 191 + 262 & 704 &:= 3^1 + 8^0 + 10^0 + 23^1 + 26^2 = 31 + 80 + 100 + 231 + 262 \\ 704 &:= 2^0 + 8^1 + 16^0 + 18^1 + 26^2 = 20 + 81 + 160 + 181 + 262 & 704 &:= 3^1 + 9^0 + 9^0 + 23^1 + 26^2 = 31 + 90 + 90 + 231 + 262 \\ 704 &:= 2^0 + 9^1 + 16^0 + 17^1 + 26^2 = 20 + 91 + 160 + 171 + 262 & 704 &:= 4^0 + 10^1 + 14^0 + 16^1 + 26^2 = 40 + 101 + 140 + 161 + 262 \\ 704 &:= 2^1 + 3^0 + 15^0 + 24^1 + 26^2 = 21 + 30 + 150 + 241 + 262 & 704 &:= 4^0 + 11^1 + 14^0 + 15^1 + 26^2 = 40 + 111 + 140 + 151 + 262 \\ 704 &:= 2^1 + 4^0 + 14^0 + 24^1 + 26^2 = 21 + 40 + 140 + 241 + 262 & 704 &:= 4^0 + 12^1 + 14^0 + 14^1 + 26^2 = 40 + 121 + 140 + 141 + 262 \\ 704 &:= 2^1 + 5^0 + 13^0 + 24^1 + 26^2 = 21 + 50 + 130 + 241 + 262 & 704 &:= 4^0 + 13^1 + 13^1 + 14^0 + 26^2 = 40 + 131 + 131 + 140 + 262 \\ 704 &:= 2^1 + 6^0 + 12^0 + 24^1 + 26^2 = 21 + 60 + 120 + 241 + 262 & 704 &:= 4^0 + 4^1 + 14^0 + 22^1 + 26^2 = 40 + 41 + 140 + 221 + 262 \\ 704 &:= 2^1 + 7^0 + 11^0 + 24^1 + 26^2 = 21 + 70 + 110 + 241 + 262 & 704 &:= 4^0 + 5^1 + 14^0 + 21^1 + 26^2 = 40 + 51 + 140 + 211 + 262 \\ 704 &:= 2^1 + 8^0 + 10^0 + 24^1 + 26^2 = 21 + 80 + 100 + 241 + 262 & 704 &:= 4^0 + 5^2 + 10^0 + 25^0 + 26^2 = 40 + 52 + 100 + 250 + 262 \\ 704 &:= 2^1 + 9^0 + 9^0 + 24^1 + 26^2 = 21 + 90 + 90 + 241 + 262 & 704 &:= 4^0 + 5^2 + 11^0 + 24^0 + 26^2 = 40 + 52 + 110 + 240 + 262 \\ 704 &:= 2^8 + 3^3 + 20^1 + 20^2 + 24^0 = 28 + 33 + 201 + 202 + 240 & 704 &:= 4^0 + 5^2 + 12^0 + 23^0 + 26^2 = 40 + 52 + 120 + 230 + 262 \\ 704 &:= 2^8 + 4^3 + 19^2 + 22^0 + 22^1 = 28 + 43 + 192 + 220 + 221 & 704 &:= 4^0 + 5^2 + 13^0 + 22^0 + 26^2 = 40 + 52 + 130 + 220 + 262 \\ 704 &:= 2^9 + 8^2 + 10^2 + 22^0 + 27^1 = 29 + 82 + 102 + 220 + 271 & 704 &:= 4^0 + 5^2 + 14^0 + 21^0 + 26^2 = 40 + 52 + 140 + 210 + 262 \\ 704 &:= 3^0 + 10^1 + 15^0 + 16^1 + 26^2 = 30 + 101 + 150 + 161 + 262 & 704 &:= 4^0 + 5^2 + 15^0 + 20^0 + 26^2 = 40 + 52 + 150 + 200 + 262 \\ 704 &:= 3^0 + 11^1 + 15^0 + 15^1 + 26^2 = 30 + 111 + 150 + 151 + 262 & 704 &:= 4^0 + 5^2 + 16^0 + 19^0 + 26^2 = 40 + 52 + 160 + 190 + 262 \\ 704 &:= 3^0 + 12^1 + 14^1 + 15^0 + 26^2 = 30 + 121 + 141 + 150 + 262 & 704 &:= 4^0 + 5^2 + 17^0 + 18^0 + 26^2 = 40 + 52 + 170 + 180 + 262 \\ 704 &:= 3^0 + 13^1 + 13^1 + 15^0 + 26^2 = 30 + 131 + 131 + 150 + 262 & 704 &:= 4^0 + 5^2 + 8^0 + 26^2 + 27^0 = 40 + 52 + 80 + 262 + 270 \\ 704 &:= 3^0 + 3^1 + 15^0 + 23^1 + 26^2 = 30 + 31 + 150 + 231 + 262 & 704 &:= 4^0 + 5^2 + 9^0 + 26^0 + 26^2 = 40 + 52 + 90 + 260 + 262 \\ 704 &:= 3^0 + 4^1 + 15^0 + 22^1 + 26^2 = 30 + 41 + 150 + 221 + 262 & 704 &:= 4^0 + 6^1 + 14^0 + 20^1 + 26^2 = 40 + 61 + 140 + 201 + 262 \\ 704 &:= 3^0 + 5^1 + 15^0 + 21^1 + 26^2 = 30 + 51 + 150 + 211 + 262 & 704 &:= 4^0 + 7^1 + 14^0 + 19^1 + 26^2 = 40 + 71 + 140 + 191 + 262 \\ 704 &:= 3^0 + 5^2 + 10^0 + 26^0 + 26^2 = 30 + 52 + 100 + 260 + 262 & 704 &:= 4^0 + 8^1 + 14^0 + 18^1 + 26^2 = 40 + 81 + 140 + 181 + 262 \\ 704 &:= 3^0 + 5^2 + 11^0 + 25^0 + 26^2 = 30 + 52 + 110 + 250 + 262 & 704 &:= 4^0 + 9^1 + 14^0 + 17^1 + 26^2 = 40 + 91 + 140 + 171 + 262 \\ 704 &:= 3^0 + 5^2 + 12^0 + 24^0 + 26^2 = 30 + 52 + 120 + 240 + 262 & 704 &:= 4^1 + 5^0 + 13^0 + 22^1 + 26^2 = 41 + 50 + 130 + 221 + 262 \\ 704 &:= 3^0 + 5^2 + 13^0 + 23^0 + 26^2 = 30 + 52 + 130 + 230 + 262 & 704 &:= 4^1 + 6^0 + 12^0 + 22^1 + 26^2 = 41 + 60 + 120 + 221 + 262 \\ 704 &:= 3^0 + 5^2 + 14^0 + 22^0 + 26^2 = 30 + 52 + 140 + 220 + 262 & 704 &:= 4^1 + 7^0 + 11^0 + 22^1 + 26^2 = 41 + 70 + 110 + 221 + 262 \\ 704 &:= 3^0 + 5^2 + 15^0 + 21^0 + 26^2 = 30 + 52 + 150 + 210 + 262 & 704 &:= 4^1 + 8^0 + 10^0 + 22^1 + 26^2 = 41 + 80 + 100 + 221 + 262 \end{aligned}$$

$$\begin{aligned} 704 &:= 4^1 + 9^0 + 9^0 + 22^1 + 26^2 = 41 + 90 + 90 + 221 + 262 \\ 704 &:= 5^0 + 10^1 + 13^0 + 16^1 + 26^2 = 50 + 101 + 130 + 161 + 262 \\ 704 &:= 5^0 + 11^1 + 13^0 + 15^1 + 26^2 = 50 + 111 + 130 + 151 + 262 \\ 704 &:= 5^0 + 12^1 + 13^0 + 14^1 + 26^2 = 50 + 121 + 130 + 141 + 262 \\ 704 &:= 5^0 + 13^0 + 13^1 + 13^1 + 26^2 = 50 + 130 + 131 + 131 + 262 \\ 704 &:= 5^0 + 5^1 + 13^0 + 21^1 + 26^2 = 50 + 51 + 130 + 211 + 262 \\ 704 &:= 5^0 + 5^2 + 10^0 + 24^0 + 26^2 = 50 + 52 + 100 + 240 + 262 \\ 704 &:= 5^0 + 5^2 + 11^0 + 23^0 + 26^2 = 50 + 52 + 110 + 230 + 262 \\ 704 &:= 5^0 + 5^2 + 12^0 + 22^0 + 26^2 = 50 + 52 + 120 + 220 + 262 \\ 704 &:= 5^0 + 5^2 + 13^0 + 21^0 + 26^2 = 50 + 52 + 130 + 210 + 262 \\ 704 &:= 5^0 + 5^2 + 14^0 + 20^0 + 26^2 = 50 + 52 + 140 + 200 + 262 \\ 704 &:= 5^0 + 5^2 + 15^0 + 19^0 + 26^2 = 50 + 52 + 150 + 190 + 262 \\ 704 &:= 5^0 + 5^2 + 16^0 + 18^0 + 26^2 = 50 + 52 + 160 + 180 + 262 \\ 704 &:= 5^0 + 5^2 + 17^0 + 17^0 + 26^2 = 50 + 52 + 170 + 170 + 262 \\ 704 &:= 5^0 + 5^2 + 7^0 + 26^2 + 27^0 = 50 + 52 + 70 + 262 + 270 \\ 704 &:= 5^0 + 5^2 + 8^0 + 26^0 + 26^2 = 50 + 52 + 80 + 260 + 262 \\ 704 &:= 5^0 + 5^2 + 9^0 + 25^0 + 26^2 = 50 + 52 + 90 + 250 + 262 \\ 704 &:= 5^0 + 6^1 + 13^0 + 20^1 + 26^2 = 50 + 61 + 130 + 201 + 262 \\ 704 &:= 5^0 + 7^1 + 13^0 + 19^1 + 26^2 = 50 + 71 + 130 + 191 + 262 \\ 704 &:= 5^0 + 8^1 + 13^0 + 18^1 + 26^2 = 50 + 81 + 130 + 181 + 262 \\ 704 &:= 5^0 + 9^1 + 13^0 + 17^1 + 26^2 = 50 + 91 + 130 + 171 + 262 \\ 704 &:= 5^1 + 6^0 + 12^0 + 21^1 + 26^2 = 51 + 60 + 120 + 211 + 262 \\ 704 &:= 5^1 + 7^0 + 11^0 + 21^1 + 26^2 = 51 + 70 + 110 + 211 + 262 \\ 704 &:= 5^1 + 8^0 + 10^0 + 21^1 + 26^2 = 51 + 80 + 100 + 211 + 262 \\ 704 &:= 5^1 + 9^0 + 9^0 + 21^1 + 26^2 = 51 + 90 + 90 + 211 + 262 \\ 704 &:= 5^2 + 10^0 + 10^0 + 19^0 + 26^2 = 52 + 100 + 100 + 190 + 262 \\ 704 &:= 5^2 + 10^0 + 11^0 + 18^0 + 26^2 = 52 + 100 + 110 + 180 + 262 \\ 704 &:= 5^2 + 10^0 + 12^0 + 17^0 + 26^2 = 52 + 100 + 120 + 170 + 262 \\ 704 &:= 5^2 + 10^0 + 13^0 + 16^0 + 26^2 = 52 + 100 + 130 + 160 + 262 \\ 704 &:= 5^2 + 10^0 + 14^0 + 15^0 + 26^2 = 52 + 100 + 140 + 150 + 262 \\ 704 &:= 5^2 + 11^0 + 11^0 + 17^0 + 26^2 = 52 + 110 + 110 + 170 + 262 \\ 704 &:= 5^2 + 11^0 + 12^0 + 16^0 + 26^2 = 52 + 110 + 120 + 160 + 262 \\ 704 &:= 5^2 + 11^0 + 13^0 + 15^0 + 26^2 = 52 + 110 + 130 + 150 + 262 \\ 704 &:= 5^2 + 11^0 + 14^0 + 14^0 + 26^2 = 52 + 110 + 140 + 140 + 262 \\ 704 &:= 5^2 + 12^0 + 12^0 + 15^0 + 26^2 = 52 + 120 + 120 + 150 + 262 \\ 704 &:= 5^2 + 12^0 + 13^0 + 14^0 + 26^2 = 52 + 120 + 130 + 140 + 262 \\ 704 &:= 5^2 + 13^0 + 13^0 + 13^0 + 26^2 = 52 + 130 + 130 + 130 + 262 \\ 704 &:= 5^2 + 6^0 + 10^0 + 23^0 + 26^2 = 52 + 60 + 100 + 230 + 262 \\ 704 &:= 5^2 + 6^0 + 11^0 + 22^0 + 26^2 = 52 + 60 + 110 + 220 + 262 \\ 704 &:= 5^2 + 6^0 + 12^0 + 21^0 + 26^2 = 52 + 60 + 120 + 210 + 262 \\ 704 &:= 5^2 + 6^0 + 13^0 + 20^0 + 26^2 = 52 + 60 + 130 + 200 + 262 \\ 704 &:= 5^2 + 6^0 + 14^0 + 19^0 + 26^2 = 52 + 60 + 140 + 190 + 262 \\ 704 &:= 5^2 + 6^0 + 15^0 + 18^0 + 26^2 = 52 + 60 + 150 + 180 + 262 \\ 704 &:= 5^2 + 6^0 + 16^0 + 17^0 + 26^2 = 52 + 60 + 160 + 170 + 262 \\ 704 &:= 5^2 + 6^0 + 6^0 + 26^2 + 27^0 = 52 + 60 + 60 + 262 + 270 \\ 704 &:= 5^2 + 6^0 + 7^0 + 26^0 + 26^2 = 52 + 60 + 70 + 260 + 262 \\ 704 &:= 5^2 + 6^0 + 8^0 + 25^0 + 26^2 = 52 + 60 + 80 + 250 + 262 \\ 704 &:= 5^2 + 6^0 + 9^0 + 24^0 + 26^2 = 52 + 60 + 90 + 240 + 262 \\ 704 &:= 5^2 + 7^0 + 10^0 + 22^0 + 26^2 = 52 + 70 + 100 + 220 + 262 \\ 704 &:= 5^2 + 7^0 + 11^0 + 21^0 + 26^2 = 52 + 70 + 110 + 210 + 262 \\ 704 &:= 5^2 + 7^0 + 12^0 + 20^0 + 26^2 = 52 + 70 + 120 + 200 + 262 \\ 704 &:= 5^2 + 7^0 + 13^0 + 19^0 + 26^2 = 52 + 70 + 130 + 190 + 262 \\ 704 &:= 5^2 + 7^0 + 14^0 + 18^0 + 26^2 = 52 + 70 + 140 + 180 + 262 \\ 704 &:= 5^2 + 7^0 + 15^0 + 17^0 + 26^2 = 52 + 70 + 150 + 170 + 262 \\ 704 &:= 5^2 + 7^0 + 16^0 + 16^0 + 26^2 = 52 + 70 + 160 + 160 + 262 \\ 704 &:= 5^2 + 7^0 + 7^0 + 25^0 + 26^2 = 52 + 70 + 70 + 250 + 262 \\ 704 &:= 5^2 + 7^0 + 8^0 + 24^0 + 26^2 = 52 + 70 + 80 + 240 + 262 \\ 704 &:= 5^2 + 7^0 + 9^0 + 23^0 + 26^2 = 52 + 70 + 90 + 230 + 262 \\ 704 &:= 5^2 + 8^0 + 10^0 + 21^0 + 26^2 = 52 + 80 + 100 + 210 + 262 \\ 704 &:= 5^2 + 8^0 + 11^0 + 20^0 + 26^2 = 52 + 80 + 110 + 200 + 262 \\ 704 &:= 5^2 + 8^0 + 12^0 + 19^0 + 26^2 = 52 + 80 + 120 + 190 + 262 \\ 704 &:= 5^2 + 8^0 + 13^0 + 18^0 + 26^2 = 52 + 80 + 130 + 180 + 262 \\ 704 &:= 5^2 + 8^0 + 14^0 + 17^0 + 26^2 = 52 + 80 + 140 + 170 + 262 \\ 704 &:= 5^2 + 8^0 + 15^0 + 16^0 + 26^2 = 52 + 80 + 150 + 160 + 262 \\ 704 &:= 5^2 + 8^0 + 8^0 + 23^0 + 26^2 = 52 + 80 + 80 + 230 + 262 \\ 704 &:= 5^2 + 8^0 + 9^0 + 22^0 + 26^2 = 52 + 80 + 90 + 220 + 262 \\ 704 &:= 5^2 + 9^0 + 10^0 + 20^0 + 26^2 = 52 + 90 + 100 + 200 + 262 \\ 704 &:= 5^2 + 9^0 + 11^0 + 19^0 + 26^2 = 52 + 90 + 110 + 190 + 262 \\ 704 &:= 5^2 + 9^0 + 12^0 + 18^0 + 26^2 = 52 + 90 + 120 + 180 + 262 \\ 704 &:= 5^2 + 9^0 + 13^0 + 17^0 + 26^2 = 52 + 90 + 130 + 170 + 262 \\ 704 &:= 5^2 + 9^0 + 14^0 + 16^0 + 26^2 = 52 + 90 + 140 + 160 + 262 \\ 704 &:= 5^2 + 9^0 + 15^0 + 15^0 + 26^2 = 52 + 90 + 150 + 150 + 262 \\ 704 &:= 5^2 + 9^0 + 9^0 + 21^0 + 26^2 = 52 + 90 + 90 + 210 + 262 \\ 704 &:= 6^0 + 10^1 + 12^0 + 16^1 + 26^2 = 60 + 101 + 120 + 161 + 262 \\ 704 &:= 6^0 + 11^1 + 12^0 + 15^1 + 26^2 = 60 + 111 + 120 + 151 + 262 \\ 704 &:= 6^0 + 12^0 + 12^1 + 14^1 + 26^2 = 60 + 120 + 121 + 141 + 262 \end{aligned}$$

$$\begin{aligned}
 704 &:= 6^0 + 12^0 + 13^1 + 13^1 + 26^2 = 60 + 120 + 131 + 131 + 262 \\
 704 &:= 6^0 + 6^1 + 12^0 + 20^1 + 26^2 = 60 + 61 + 120 + 201 + 262 \\
 704 &:= 6^0 + 7^1 + 12^0 + 19^1 + 26^2 = 60 + 71 + 120 + 191 + 262 \\
 704 &:= 6^0 + 8^1 + 12^0 + 18^1 + 26^2 = 60 + 81 + 120 + 181 + 262 \\
 704 &:= 6^0 + 9^1 + 12^0 + 17^1 + 26^2 = 60 + 91 + 120 + 171 + 262 \\
 704 &:= 6^1 + 7^0 + 11^0 + 20^1 + 26^2 = 61 + 70 + 110 + 201 + 262 \\
 704 &:= 6^1 + 8^0 + 10^0 + 20^1 + 26^2 = 61 + 80 + 100 + 201 + 262 \\
 704 &:= 6^1 + 9^0 + 9^0 + 20^1 + 26^2 = 61 + 90 + 90 + 201 + 262 \\
 704 &:= 7^0 + 10^1 + 11^0 + 16^1 + 26^2 = 70 + 101 + 110 + 161 + 262 \\
 704 &:= 7^0 + 11^0 + 11^1 + 15^1 + 26^2 = 70 + 110 + 111 + 151 + 262 \\
 704 &:= 7^0 + 11^0 + 12^1 + 14^1 + 26^2 = 70 + 110 + 121 + 141 + 262 \\
 704 &:= 7^0 + 11^0 + 13^1 + 13^1 + 26^2 = 70 + 110 + 131 + 131 + 262 \\
 704 &:= 7^0 + 7^1 + 11^0 + 19^1 + 26^2 = 70 + 71 + 110 + 191 + 262 \\
 704 &:= 7^0 + 8^1 + 11^0 + 18^1 + 26^2 = 70 + 81 + 110 + 181 + 262 \\
 704 &:= 7^0 + 9^1 + 11^0 + 17^1 + 26^2 = 70 + 91 + 110 + 171 + 262
 \end{aligned}$$

$$\begin{aligned}
 704 &:= 7^1 + 8^0 + 10^0 + 19^1 + 26^2 = 71 + 80 + 100 + 191 + 262 \\
 704 &:= 7^1 + 9^0 + 9^0 + 19^1 + 26^2 = 71 + 90 + 90 + 191 + 262 \\
 704 &:= 8^0 + 10^0 + 10^1 + 16^1 + 26^2 = 80 + 100 + 101 + 161 + 262 \\
 704 &:= 8^0 + 10^0 + 11^1 + 15^1 + 26^2 = 80 + 100 + 111 + 151 + 262 \\
 704 &:= 8^0 + 10^0 + 12^1 + 14^1 + 26^2 = 80 + 100 + 121 + 141 + 262 \\
 704 &:= 8^0 + 10^0 + 13^1 + 13^1 + 26^2 = 80 + 100 + 131 + 131 + 262 \\
 704 &:= 8^0 + 8^1 + 10^0 + 18^1 + 26^2 = 80 + 81 + 100 + 181 + 262 \\
 704 &:= 8^0 + 9^1 + 10^0 + 17^1 + 26^2 = 80 + 91 + 100 + 171 + 262 \\
 704 &:= 8^1 + 9^0 + 9^0 + 18^1 + 26^2 = 81 + 90 + 90 + 181 + 262 \\
 704 &:= 9^0 + 9^0 + 10^1 + 16^1 + 26^2 = 90 + 90 + 101 + 161 + 262 \\
 704 &:= 9^0 + 9^0 + 11^1 + 15^1 + 26^2 = 90 + 90 + 111 + 151 + 262 \\
 704 &:= 9^0 + 9^0 + 12^1 + 14^1 + 26^2 = 90 + 90 + 121 + 141 + 262 \\
 704 &:= 9^0 + 9^0 + 13^1 + 13^1 + 26^2 = 90 + 90 + 131 + 131 + 262 \\
 704 &:= 9^0 + 9^0 + 9^1 + 17^1 + 26^2 = 90 + 90 + 91 + 171 + 262
 \end{aligned}$$

2.2.606 Number 705

$$\begin{aligned}
 705 &:= 7^3 + 19^2 + 44^0 = 73 + 192 + 440 \\
 705 &:= 1^0 + 3^3 + 26^2 + 40^0 = 10 + 33 + 262 + 400 \\
 705 &:= 1^2 + 16^0 + 26^2 + 27^1 = 12 + 160 + 262 + 271 \\
 705 &:= 1^9 + 8^3 + 12^2 + 48^1 = 19 + 83 + 122 + 481 \\
 705 &:= 10^0 + 14^2 + 22^2 + 24^1 = 100 + 142 + 222 + 241 \\
 705 &:= 14^0 + 18^2 + 19^1 + 19^2 = 140 + 182 + 191 + 192 \\
 705 &:= 15^1 + 17^2 + 18^0 + 20^2 = 151 + 172 + 180 + 202 \\
 705 &:= 2^0 + 3^3 + 26^2 + 39^0 = 20 + 33 + 262 + 390 \\
 705 &:= 2^2 + 18^0 + 24^1 + 26^2 = 22 + 180 + 241 + 262 \\
 705 &:= 2^9 + 3^2 + 5^3 + 59^1 = 29 + 32 + 53 + 591 \\
 705 &:= 3^0 + 3^3 + 26^2 + 38^0 = 30 + 33 + 262 + 380 \\
 705 &:= 3^1 + 5^2 + 26^2 + 36^0 = 31 + 52 + 262 + 360 \\
 705 &:= 3^2 + 19^1 + 22^0 + 26^2 = 32 + 191 + 220 + 262 \\
 705 &:= 3^3 + 10^0 + 26^2 + 31^0 = 33 + 100 + 262 + 310 \\
 705 &:= 3^3 + 11^0 + 26^2 + 30^0 = 33 + 110 + 262 + 300 \\
 705 &:= 3^3 + 12^0 + 26^2 + 29^0 = 33 + 120 + 262 + 290 \\
 705 &:= 3^3 + 13^0 + 26^2 + 28^0 = 33 + 130 + 262 + 280 \\
 705 &:= 3^3 + 14^0 + 26^2 + 27^0 = 33 + 140 + 262 + 270 \\
 705 &:= 3^3 + 15^0 + 26^0 + 26^2 = 33 + 150 + 260 + 262 \\
 705 &:= 3^3 + 16^0 + 25^0 + 26^2 = 33 + 160 + 250 + 262
 \end{aligned}$$

$$\begin{aligned}
 705 &:= 3^3 + 17^0 + 24^0 + 26^2 = 33 + 170 + 240 + 262 \\
 705 &:= 3^3 + 18^0 + 23^0 + 26^2 = 33 + 180 + 230 + 262 \\
 705 &:= 3^3 + 19^0 + 22^0 + 26^2 = 33 + 190 + 220 + 262 \\
 705 &:= 3^3 + 20^0 + 21^0 + 26^2 = 33 + 200 + 210 + 262 \\
 705 &:= 3^3 + 4^0 + 26^2 + 37^0 = 33 + 40 + 262 + 370 \\
 705 &:= 3^3 + 5^0 + 26^2 + 36^0 = 33 + 50 + 262 + 360 \\
 705 &:= 3^3 + 6^0 + 26^2 + 35^0 = 33 + 60 + 262 + 350 \\
 705 &:= 3^3 + 7^0 + 26^2 + 34^0 = 33 + 70 + 262 + 340 \\
 705 &:= 3^3 + 8^0 + 26^2 + 33^0 = 33 + 80 + 262 + 330 \\
 705 &:= 3^3 + 9^0 + 26^2 + 32^0 = 33 + 90 + 262 + 320 \\
 705 &:= 4^0 + 12^2 + 23^2 + 31^1 = 40 + 122 + 232 + 311 \\
 705 &:= 4^2 + 12^1 + 26^2 + 28^0 = 42 + 121 + 262 + 280 \\
 705 &:= 6^1 + 13^2 + 23^2 + 28^0 = 61 + 132 + 232 + 280 \\
 705 &:= 7^1 + 11^2 + 24^2 + 28^0 = 71 + 112 + 242 + 280 \\
 705 &:= 7^1 + 16^2 + 21^2 + 26^0 = 71 + 162 + 212 + 260 \\
 705 &:= 7^2 + 8^0 + 25^2 + 30^1 = 72 + 80 + 252 + 301 \\
 705 &:= 8^0 + 10^2 + 24^2 + 28^1 = 80 + 102 + 242 + 281 \\
 705 &:= 8^2 + 15^1 + 22^0 + 25^2 = 82 + 151 + 220 + 252 \\
 705 &:= 1^0 + 1^2 + 16^0 + 26^1 + 26^2 = 10 + 12 + 160 + 261 + 262 \\
 705 &:= 1^0 + 10^0 + 14^2 + 22^2 + 23^1 = 10 + 100 + 142 + 222 + 231
 \end{aligned}$$

$$\begin{aligned}705 &:= 1^0 + 14^0 + 18^1 + 18^2 + 19^2 = 10 + 140 + 181 + 182 + 192 \\705 &:= 1^0 + 14^1 + 17^2 + 18^0 + 20^2 = 10 + 141 + 172 + 180 + 202 \\705 &:= 1^0 + 2^2 + 18^0 + 23^1 + 26^2 = 10 + 22 + 180 + 231 + 262 \\705 &:= 1^0 + 3^2 + 18^1 + 22^0 + 26^2 = 10 + 32 + 181 + 220 + 262 \\705 &:= 1^0 + 6^1 + 16^2 + 21^2 + 26^0 = 10 + 61 + 162 + 212 + 260 \\705 &:= 1^0 + 8^0 + 10^2 + 24^2 + 27^1 = 10 + 80 + 102 + 242 + 271 \\705 &:= 1^0 + 8^2 + 14^1 + 22^0 + 25^2 = 10 + 82 + 141 + 220 + 252 \\705 &:= 1^1 + 1^1 + 16^0 + 26^1 + 26^2 = 11 + 11 + 160 + 261 + 262 \\705 &:= 1^1 + 10^1 + 16^0 + 17^1 + 26^2 = 11 + 101 + 160 + 171 + 262 \\705 &:= 1^1 + 11^1 + 16^0 + 16^1 + 26^2 = 11 + 111 + 160 + 161 + 262 \\705 &:= 1^1 + 12^1 + 15^1 + 16^0 + 26^2 = 11 + 121 + 151 + 160 + 262 \\705 &:= 1^1 + 13^1 + 14^1 + 16^0 + 26^2 = 11 + 131 + 141 + 160 + 262 \\705 &:= 1^1 + 2^1 + 16^0 + 25^1 + 26^2 = 11 + 21 + 160 + 251 + 262 \\705 &:= 1^1 + 3^1 + 16^0 + 24^1 + 26^2 = 11 + 31 + 160 + 241 + 262 \\705 &:= 1^1 + 4^1 + 16^0 + 23^1 + 26^2 = 11 + 41 + 160 + 231 + 262 \\705 &:= 1^1 + 5^1 + 16^0 + 22^1 + 26^2 = 11 + 51 + 160 + 221 + 262 \\705 &:= 1^1 + 6^1 + 16^0 + 21^1 + 26^2 = 11 + 61 + 160 + 211 + 262 \\705 &:= 1^1 + 7^1 + 16^0 + 20^1 + 26^2 = 11 + 71 + 160 + 201 + 262 \\705 &:= 1^1 + 8^1 + 16^0 + 19^1 + 26^2 = 11 + 81 + 160 + 191 + 262 \\705 &:= 1^1 + 9^1 + 16^0 + 18^1 + 26^2 = 11 + 91 + 160 + 181 + 262 \\705 &:= 1^2 + 2^0 + 15^0 + 26^1 + 26^2 = 12 + 20 + 150 + 261 + 262 \\705 &:= 1^2 + 3^0 + 14^0 + 26^1 + 26^2 = 12 + 30 + 140 + 261 + 262 \\705 &:= 1^2 + 4^0 + 13^0 + 26^1 + 26^2 = 12 + 40 + 130 + 261 + 262 \\705 &:= 1^2 + 5^0 + 12^0 + 26^1 + 26^2 = 12 + 50 + 120 + 261 + 262 \\705 &:= 1^2 + 6^0 + 11^0 + 26^1 + 26^2 = 12 + 60 + 110 + 261 + 262 \\705 &:= 1^2 + 7^0 + 10^0 + 26^1 + 26^2 = 12 + 70 + 100 + 261 + 262 \\705 &:= 1^2 + 8^0 + 9^0 + 26^1 + 26^2 = 12 + 80 + 90 + 261 + 262 \\705 &:= 1^3 + 1^9 + 15^0 + 26^1 + 26^2 = 13 + 19 + 150 + 261 + 262 \\705 &:= 1^4 + 1^8 + 15^0 + 26^1 + 26^2 = 14 + 18 + 150 + 261 + 262 \\705 &:= 1^5 + 1^7 + 15^0 + 26^1 + 26^2 = 15 + 17 + 150 + 261 + 262 \\705 &:= 1^6 + 1^6 + 15^0 + 26^1 + 26^2 = 16 + 16 + 150 + 261 + 262 \\705 &:= 1^6 + 2^6 + 14^1 + 25^2 + 27^0 = 16 + 26 + 141 + 252 + 270 \\705 &:= 1^7 + 3^5 + 19^1 + 21^2 + 25^0 = 17 + 35 + 191 + 212 + 250 \\705 &:= 1^8 + 10^2 + 16^2 + 18^2 + 24^1 = 18 + 102 + 162 + 182 + 241 \\705 &:= 1^8 + 13^2 + 16^2 + 16^2 + 23^1 = 18 + 132 + 162 + 162 + 231 \\705 &:= 1^8 + 14^2 + 14^2 + 17^2 + 23^1 = 18 + 142 + 142 + 172 + 231 \\705 &:= 1^8 + 7^2 + 12^2 + 22^2 + 27^1 = 18 + 72 + 122 + 222 + 271 \\705 &:= 1^8 + 8^3 + 12^2 + 21^1 + 27^1 = 18 + 83 + 122 + 211 + 271\end{aligned}$$

$$\begin{aligned}705 &:= 1^8 + 8^3 + 12^2 + 22^1 + 26^1 = 18 + 83 + 122 + 221 + 261 \\705 &:= 1^8 + 8^3 + 12^2 + 23^1 + 25^1 = 18 + 83 + 122 + 231 + 251 \\705 &:= 1^8 + 8^3 + 12^2 + 24^1 + 24^1 = 18 + 83 + 122 + 241 + 241 \\705 &:= 1^9 + 2^3 + 19^1 + 21^0 + 26^2 = 19 + 23 + 191 + 210 + 262 \\705 &:= 1^9 + 4^3 + 14^1 + 25^0 + 25^2 = 19 + 43 + 141 + 250 + 252 \\705 &:= 1^9 + 8^3 + 13^2 + 22^1 + 25^0 = 19 + 83 + 132 + 221 + 250 \\705 &:= 2^0 + 13^0 + 18^1 + 18^2 + 19^2 = 20 + 130 + 181 + 182 + 192 \\705 &:= 2^0 + 14^1 + 17^0 + 17^2 + 20^2 = 20 + 141 + 170 + 172 + 202 \\705 &:= 2^0 + 2^2 + 17^0 + 23^1 + 26^2 = 20 + 22 + 170 + 231 + 262 \\705 &:= 2^0 + 3^2 + 18^1 + 21^0 + 26^2 = 20 + 32 + 181 + 210 + 262 \\705 &:= 2^0 + 4^2 + 11^1 + 26^2 + 27^0 = 20 + 42 + 111 + 262 + 270 \\705 &:= 2^0 + 5^1 + 13^2 + 23^2 + 27^0 = 20 + 51 + 132 + 232 + 270 \\705 &:= 2^0 + 6^1 + 11^2 + 24^2 + 27^0 = 20 + 61 + 112 + 242 + 270 \\705 &:= 2^0 + 6^1 + 16^2 + 21^2 + 25^0 = 20 + 61 + 162 + 212 + 250 \\705 &:= 2^0 + 7^0 + 10^2 + 24^2 + 27^1 = 20 + 70 + 102 + 242 + 271 \\705 &:= 2^0 + 8^2 + 14^1 + 21^0 + 25^2 = 20 + 82 + 141 + 210 + 252 \\705 &:= 2^0 + 9^0 + 14^2 + 22^2 + 23^1 = 20 + 90 + 142 + 222 + 231 \\705 &:= 2^1 + 10^1 + 16^0 + 16^1 + 26^2 = 21 + 101 + 160 + 161 + 262 \\705 &:= 2^1 + 11^1 + 15^1 + 16^0 + 26^2 = 21 + 111 + 151 + 160 + 262 \\705 &:= 2^1 + 12^1 + 14^1 + 16^0 + 26^2 = 21 + 121 + 141 + 160 + 262 \\705 &:= 2^1 + 13^1 + 13^1 + 16^0 + 26^2 = 21 + 131 + 131 + 160 + 262 \\705 &:= 2^1 + 2^1 + 16^0 + 24^1 + 26^2 = 21 + 21 + 160 + 241 + 262 \\705 &:= 2^1 + 3^1 + 16^0 + 23^1 + 26^2 = 21 + 31 + 160 + 231 + 262 \\705 &:= 2^1 + 4^1 + 16^0 + 22^1 + 26^2 = 21 + 41 + 160 + 221 + 262 \\705 &:= 2^1 + 5^1 + 16^0 + 21^1 + 26^2 = 21 + 51 + 160 + 211 + 262 \\705 &:= 2^1 + 5^2 + 10^0 + 26^2 + 27^0 = 21 + 52 + 100 + 262 + 270 \\705 &:= 2^1 + 5^2 + 11^0 + 26^0 + 26^2 = 21 + 52 + 110 + 260 + 262 \\705 &:= 2^1 + 5^2 + 12^0 + 25^0 + 26^2 = 21 + 52 + 120 + 250 + 262 \\705 &:= 2^1 + 5^2 + 13^0 + 24^0 + 26^2 = 21 + 52 + 130 + 240 + 262 \\705 &:= 2^1 + 5^2 + 14^0 + 23^0 + 26^2 = 21 + 52 + 140 + 230 + 262 \\705 &:= 2^1 + 5^2 + 15^0 + 22^0 + 26^2 = 21 + 52 + 150 + 220 + 262 \\705 &:= 2^1 + 5^2 + 16^0 + 21^0 + 26^2 = 21 + 52 + 160 + 210 + 262 \\705 &:= 2^1 + 5^2 + 17^0 + 20^0 + 26^2 = 21 + 52 + 170 + 200 + 262 \\705 &:= 2^1 + 5^2 + 18^0 + 19^0 + 26^2 = 21 + 52 + 180 + 190 + 262 \\705 &:= 2^1 + 6^1 + 16^0 + 20^1 + 26^2 = 21 + 61 + 160 + 201 + 262 \\705 &:= 2^1 + 7^1 + 16^0 + 19^1 + 26^2 = 21 + 71 + 160 + 191 + 262 \\705 &:= 2^1 + 8^1 + 16^0 + 18^1 + 26^2 = 21 + 81 + 160 + 181 + 262 \\705 &:= 2^1 + 9^1 + 16^0 + 17^1 + 26^2 = 21 + 91 + 160 + 171 + 262\end{aligned}$$

$$\begin{aligned} 705 &:= 2^2 + 3^0 + 16^0 + 23^1 + 26^2 = 22 + 30 + 160 + 231 + 262 & 705 &:= 4^0 + 14^1 + 15^0 + 17^2 + 20^2 = 40 + 141 + 150 + 172 + 202 \\ 705 &:= 2^2 + 4^0 + 15^0 + 23^1 + 26^2 = 22 + 40 + 150 + 231 + 262 & 705 &:= 4^0 + 4^2 + 11^1 + 25^0 + 26^2 = 40 + 42 + 111 + 250 + 262 \\ 705 &:= 2^2 + 5^0 + 14^0 + 23^1 + 26^2 = 22 + 50 + 140 + 231 + 262 & 705 &:= 4^0 + 5^0 + 10^2 + 24^2 + 27^1 = 40 + 50 + 102 + 242 + 271 \\ 705 &:= 2^2 + 6^0 + 13^0 + 23^1 + 26^2 = 22 + 60 + 130 + 231 + 262 & 705 &:= 4^0 + 5^1 + 13^2 + 23^2 + 25^0 = 40 + 51 + 132 + 232 + 250 \\ 705 &:= 2^2 + 7^0 + 12^0 + 23^1 + 26^2 = 22 + 70 + 120 + 231 + 262 & 705 &:= 4^0 + 6^1 + 11^2 + 24^2 + 25^0 = 40 + 61 + 112 + 242 + 250 \\ 705 &:= 2^2 + 8^0 + 11^0 + 23^1 + 26^2 = 22 + 80 + 110 + 231 + 262 & 705 &:= 4^0 + 6^1 + 16^2 + 21^2 + 23^0 = 40 + 61 + 162 + 212 + 230 \\ 705 &:= 2^2 + 9^0 + 10^0 + 23^1 + 26^2 = 22 + 90 + 100 + 231 + 262 & 705 &:= 4^0 + 7^0 + 14^2 + 22^2 + 23^1 = 40 + 70 + 142 + 222 + 231 \\ 705 &:= 2^5 + 2^7 + 15^1 + 23^2 + 27^0 = 25 + 27 + 151 + 232 + 270 & 705 &:= 4^0 + 8^2 + 14^1 + 19^0 + 25^2 = 40 + 82 + 141 + 190 + 252 \\ 705 &:= 2^8 + 4^4 + 13^2 + 23^1 + 27^0 = 28 + 44 + 132 + 231 + 270 & 705 &:= 4^1 + 10^1 + 14^1 + 16^0 + 26^2 = 41 + 101 + 141 + 160 + 262 \\ 705 &:= 3^0 + 12^0 + 18^1 + 18^2 + 19^2 = 30 + 120 + 181 + 182 + 192 & 705 &:= 4^1 + 11^1 + 13^1 + 16^0 + 26^2 = 41 + 111 + 131 + 160 + 262 \\ 705 &:= 3^0 + 14^1 + 16^0 + 17^2 + 20^2 = 30 + 141 + 160 + 172 + 202 & 705 &:= 4^1 + 12^1 + 12^1 + 16^0 + 26^2 = 41 + 121 + 121 + 160 + 262 \\ 705 &:= 3^0 + 3^2 + 18^1 + 20^0 + 26^2 = 30 + 32 + 181 + 200 + 262 & 705 &:= 4^1 + 4^1 + 16^0 + 20^1 + 26^2 = 41 + 41 + 160 + 201 + 262 \\ 705 &:= 3^0 + 4^2 + 11^1 + 26^0 + 26^2 = 30 + 42 + 111 + 260 + 262 & 705 &:= 4^1 + 5^1 + 16^0 + 19^1 + 26^2 = 41 + 51 + 160 + 191 + 262 \\ 705 &:= 3^0 + 5^1 + 13^2 + 23^2 + 26^0 = 30 + 51 + 132 + 232 + 260 & 705 &:= 4^1 + 6^1 + 16^0 + 18^1 + 26^2 = 41 + 61 + 160 + 181 + 262 \\ 705 &:= 3^0 + 6^0 + 10^2 + 24^2 + 27^1 = 30 + 60 + 102 + 242 + 271 & 705 &:= 4^1 + 7^1 + 16^0 + 17^1 + 26^2 = 41 + 71 + 160 + 171 + 262 \\ 705 &:= 3^0 + 6^1 + 11^2 + 24^2 + 26^0 = 30 + 61 + 112 + 242 + 260 & 705 &:= 4^1 + 8^1 + 16^0 + 16^1 + 26^2 = 41 + 81 + 160 + 161 + 262 \\ 705 &:= 3^0 + 6^1 + 16^2 + 21^2 + 24^0 = 30 + 61 + 162 + 212 + 240 & 705 &:= 4^1 + 9^1 + 15^1 + 16^0 + 26^2 = 41 + 91 + 151 + 160 + 262 \\ 705 &:= 3^0 + 8^0 + 14^2 + 22^2 + 23^1 = 30 + 80 + 142 + 222 + 231 & 705 &:= 4^2 + 10^0 + 11^1 + 19^0 + 26^2 = 42 + 100 + 111 + 190 + 262 \\ 705 &:= 3^0 + 8^2 + 14^1 + 20^0 + 25^2 = 30 + 82 + 141 + 200 + 252 & 705 &:= 4^2 + 11^0 + 11^1 + 18^0 + 26^2 = 42 + 110 + 111 + 180 + 262 \\ 705 &:= 3^1 + 10^1 + 15^1 + 16^0 + 26^2 = 31 + 101 + 151 + 160 + 262 & 705 &:= 4^2 + 11^1 + 12^0 + 17^0 + 26^2 = 42 + 111 + 120 + 170 + 262 \\ 705 &:= 3^1 + 11^1 + 14^1 + 16^0 + 26^2 = 31 + 111 + 141 + 160 + 262 & 705 &:= 4^2 + 11^1 + 13^0 + 16^0 + 26^2 = 42 + 111 + 130 + 160 + 262 \\ 705 &:= 3^1 + 12^1 + 13^1 + 16^0 + 26^2 = 31 + 121 + 131 + 160 + 262 & 705 &:= 4^2 + 11^1 + 14^0 + 15^0 + 26^2 = 42 + 111 + 140 + 150 + 262 \\ 705 &:= 3^1 + 3^1 + 16^0 + 22^1 + 26^2 = 31 + 31 + 160 + 221 + 262 & 705 &:= 4^2 + 5^0 + 11^1 + 24^0 + 26^2 = 42 + 50 + 111 + 240 + 262 \\ 705 &:= 3^1 + 4^1 + 16^0 + 21^1 + 26^2 = 31 + 41 + 160 + 211 + 262 & 705 &:= 4^2 + 6^0 + 11^1 + 23^0 + 26^2 = 42 + 60 + 111 + 230 + 262 \\ 705 &:= 3^1 + 5^1 + 16^0 + 20^1 + 26^2 = 31 + 51 + 160 + 201 + 262 & 705 &:= 4^2 + 7^0 + 11^1 + 22^0 + 26^2 = 42 + 70 + 111 + 220 + 262 \\ 705 &:= 3^1 + 6^1 + 16^0 + 19^1 + 26^2 = 31 + 61 + 160 + 191 + 262 & 705 &:= 4^2 + 8^0 + 11^1 + 21^0 + 26^2 = 42 + 80 + 111 + 210 + 262 \\ 705 &:= 3^1 + 7^1 + 16^0 + 18^1 + 26^2 = 31 + 71 + 160 + 181 + 262 & 705 &:= 4^2 + 9^0 + 11^1 + 20^0 + 26^2 = 42 + 90 + 111 + 200 + 262 \\ 705 &:= 3^1 + 8^1 + 16^0 + 17^1 + 26^2 = 31 + 81 + 160 + 171 + 262 & 705 &:= 5^0 + 10^0 + 18^1 + 18^2 + 19^2 = 50 + 100 + 181 + 182 + 192 \\ 705 &:= 3^1 + 9^1 + 16^0 + 16^1 + 26^2 = 31 + 91 + 160 + 161 + 262 & 705 &:= 5^0 + 14^0 + 14^1 + 17^2 + 20^2 = 50 + 140 + 141 + 172 + 202 \\ 705 &:= 3^2 + 10^0 + 13^0 + 18^1 + 26^2 = 32 + 100 + 130 + 181 + 262 & 705 &:= 5^0 + 5^1 + 13^2 + 23^2 + 24^0 = 50 + 51 + 132 + 232 + 240 \\ 705 &:= 3^2 + 11^0 + 12^0 + 18^1 + 26^2 = 32 + 110 + 120 + 181 + 262 & 705 &:= 5^0 + 6^0 + 14^2 + 22^2 + 23^1 = 50 + 60 + 142 + 222 + 231 \\ 705 &:= 3^2 + 4^0 + 18^1 + 19^0 + 26^2 = 32 + 40 + 181 + 190 + 262 & 705 &:= 5^0 + 6^1 + 11^2 + 24^0 + 24^2 = 50 + 61 + 112 + 240 + 242 \\ 705 &:= 3^2 + 5^0 + 18^0 + 18^1 + 26^2 = 32 + 50 + 180 + 181 + 262 & 705 &:= 5^0 + 6^1 + 16^2 + 21^2 + 22^0 = 50 + 61 + 162 + 212 + 220 \\ 705 &:= 3^2 + 6^0 + 17^0 + 18^1 + 26^2 = 32 + 60 + 170 + 181 + 262 & 705 &:= 5^0 + 8^2 + 14^1 + 18^0 + 25^2 = 50 + 82 + 141 + 180 + 252 \\ 705 &:= 3^2 + 7^0 + 16^0 + 18^1 + 26^2 = 32 + 70 + 160 + 181 + 262 & 705 &:= 5^1 + 10^0 + 13^2 + 19^0 + 23^2 = 51 + 100 + 132 + 190 + 232 \\ 705 &:= 3^2 + 8^0 + 15^0 + 18^1 + 26^2 = 32 + 80 + 150 + 181 + 262 & 705 &:= 5^1 + 10^1 + 13^1 + 16^0 + 26^2 = 51 + 101 + 131 + 160 + 262 \\ 705 &:= 3^2 + 9^0 + 14^0 + 18^1 + 26^2 = 32 + 90 + 140 + 181 + 262 & 705 &:= 5^1 + 11^0 + 13^2 + 18^0 + 23^2 = 51 + 110 + 132 + 180 + 232 \\ 705 &:= 4^0 + 11^0 + 18^1 + 18^2 + 19^2 = 40 + 110 + 181 + 182 + 192 & 705 &:= 5^1 + 11^1 + 12^1 + 16^0 + 26^2 = 51 + 111 + 121 + 160 + 262 \end{aligned}$$

$$\begin{aligned}
 705 &:= 5^1 + 12^0 + 13^2 + 17^0 + 23^2 = 51 + 120 + 132 + 170 + 232 \\
 705 &:= 5^1 + 13^0 + 13^2 + 16^0 + 23^2 = 51 + 130 + 132 + 160 + 232 \\
 705 &:= 5^1 + 13^2 + 14^0 + 15^0 + 23^2 = 51 + 132 + 140 + 150 + 232 \\
 705 &:= 5^1 + 5^1 + 16^0 + 18^1 + 26^2 = 51 + 51 + 160 + 181 + 262 \\
 705 &:= 5^1 + 6^0 + 13^2 + 23^0 + 23^2 = 51 + 60 + 132 + 230 + 232 \\
 705 &:= 5^1 + 6^1 + 16^0 + 17^1 + 26^2 = 51 + 61 + 160 + 171 + 262 \\
 705 &:= 5^1 + 7^0 + 13^2 + 22^0 + 23^2 = 51 + 70 + 132 + 220 + 232 \\
 705 &:= 5^1 + 7^1 + 16^0 + 16^1 + 26^2 = 51 + 71 + 160 + 161 + 262 \\
 705 &:= 5^1 + 8^0 + 13^2 + 21^0 + 23^2 = 51 + 80 + 132 + 210 + 232 \\
 705 &:= 5^1 + 8^1 + 15^1 + 16^0 + 26^2 = 51 + 81 + 151 + 160 + 262 \\
 705 &:= 5^1 + 9^0 + 13^2 + 20^0 + 23^2 = 51 + 90 + 132 + 200 + 232 \\
 705 &:= 5^1 + 9^1 + 14^1 + 16^0 + 26^2 = 51 + 91 + 141 + 160 + 262 \\
 705 &:= 6^0 + 13^0 + 14^1 + 17^2 + 20^2 = 60 + 130 + 141 + 172 + 202 \\
 705 &:= 6^0 + 6^1 + 11^2 + 23^0 + 24^2 = 60 + 61 + 112 + 230 + 242 \\
 705 &:= 6^0 + 6^1 + 16^2 + 21^0 + 21^2 = 60 + 61 + 162 + 210 + 212 \\
 705 &:= 6^0 + 8^2 + 14^1 + 17^0 + 25^2 = 60 + 82 + 141 + 170 + 252 \\
 705 &:= 6^0 + 9^0 + 18^1 + 18^2 + 19^2 = 60 + 90 + 181 + 182 + 192 \\
 705 &:= 6^1 + 10^0 + 11^2 + 19^0 + 24^2 = 61 + 100 + 112 + 190 + 242 \\
 705 &:= 6^1 + 10^0 + 16^2 + 17^0 + 21^2 = 61 + 100 + 162 + 170 + 212 \\
 705 &:= 6^1 + 10^1 + 12^1 + 16^0 + 26^2 = 61 + 101 + 121 + 160 + 262 \\
 705 &:= 6^1 + 11^0 + 11^2 + 18^0 + 24^2 = 61 + 110 + 112 + 180 + 242 \\
 705 &:= 6^1 + 11^0 + 16^0 + 16^2 + 21^2 = 61 + 110 + 160 + 162 + 212 \\
 705 &:= 6^1 + 11^1 + 11^1 + 16^0 + 26^2 = 61 + 111 + 111 + 160 + 262 \\
 705 &:= 6^1 + 11^2 + 12^0 + 17^0 + 24^2 = 61 + 112 + 120 + 170 + 242 \\
 705 &:= 6^1 + 11^2 + 13^0 + 16^0 + 24^2 = 61 + 112 + 130 + 160 + 242 \\
 705 &:= 6^1 + 11^2 + 14^0 + 15^0 + 24^2 = 61 + 112 + 140 + 150 + 242 \\
 705 &:= 6^1 + 12^0 + 15^0 + 16^2 + 21^2 = 61 + 120 + 150 + 162 + 212 \\
 705 &:= 6^1 + 13^0 + 14^0 + 16^2 + 21^2 = 61 + 130 + 140 + 162 + 212
 \end{aligned}$$

$$\begin{aligned}
 705 &:= 6^1 + 6^1 + 16^0 + 16^1 + 26^2 = 61 + 61 + 160 + 161 + 262 \\
 705 &:= 6^1 + 7^0 + 11^2 + 22^0 + 24^2 = 61 + 70 + 112 + 220 + 242 \\
 705 &:= 6^1 + 7^0 + 16^2 + 20^0 + 21^2 = 61 + 70 + 162 + 200 + 212 \\
 705 &:= 6^1 + 7^1 + 15^1 + 16^0 + 26^2 = 61 + 71 + 151 + 160 + 262 \\
 705 &:= 6^1 + 8^0 + 11^2 + 21^0 + 24^2 = 61 + 80 + 112 + 210 + 242 \\
 705 &:= 6^1 + 8^0 + 16^2 + 19^0 + 21^2 = 61 + 80 + 162 + 190 + 212 \\
 705 &:= 6^1 + 8^1 + 14^1 + 16^0 + 26^2 = 61 + 81 + 141 + 160 + 262 \\
 705 &:= 6^1 + 9^0 + 11^2 + 20^0 + 24^2 = 61 + 90 + 112 + 200 + 242 \\
 705 &:= 6^1 + 9^0 + 16^2 + 18^0 + 21^2 = 61 + 90 + 162 + 180 + 212 \\
 705 &:= 6^1 + 9^1 + 13^1 + 16^0 + 26^2 = 61 + 91 + 131 + 160 + 262 \\
 705 &:= 7^0 + 12^0 + 14^1 + 17^2 + 20^2 = 70 + 120 + 141 + 172 + 202 \\
 705 &:= 7^0 + 8^0 + 18^1 + 18^2 + 19^2 = 70 + 80 + 181 + 182 + 192 \\
 705 &:= 7^0 + 8^2 + 14^1 + 16^0 + 25^2 = 70 + 82 + 141 + 160 + 252 \\
 705 &:= 7^1 + 10^1 + 11^1 + 16^0 + 26^2 = 71 + 101 + 111 + 160 + 262 \\
 705 &:= 7^1 + 7^1 + 14^1 + 16^0 + 26^2 = 71 + 71 + 141 + 160 + 262 \\
 705 &:= 7^1 + 8^1 + 13^1 + 16^0 + 26^2 = 71 + 81 + 131 + 160 + 262 \\
 705 &:= 7^1 + 9^1 + 12^1 + 16^0 + 26^2 = 71 + 91 + 121 + 160 + 262 \\
 705 &:= 8^0 + 11^0 + 14^1 + 17^2 + 20^2 = 80 + 110 + 141 + 172 + 202 \\
 705 &:= 8^0 + 8^2 + 14^1 + 15^0 + 25^2 = 80 + 82 + 141 + 150 + 252 \\
 705 &:= 8^1 + 10^1 + 10^1 + 16^0 + 26^2 = 81 + 101 + 101 + 160 + 262 \\
 705 &:= 8^1 + 8^1 + 12^1 + 16^0 + 26^2 = 81 + 81 + 121 + 160 + 262 \\
 705 &:= 8^1 + 9^1 + 11^1 + 16^0 + 26^2 = 81 + 91 + 111 + 160 + 262 \\
 705 &:= 8^2 + 10^0 + 13^0 + 14^1 + 25^2 = 82 + 100 + 130 + 141 + 252 \\
 705 &:= 8^2 + 11^0 + 12^0 + 14^1 + 25^2 = 82 + 110 + 120 + 141 + 252 \\
 705 &:= 8^2 + 9^0 + 14^0 + 14^1 + 25^2 = 82 + 90 + 140 + 141 + 252 \\
 705 &:= 9^0 + 10^0 + 14^1 + 17^2 + 20^2 = 90 + 100 + 141 + 172 + 202 \\
 705 &:= 9^1 + 9^1 + 10^1 + 16^0 + 26^2 = 91 + 91 + 101 + 160 + 262
 \end{aligned}$$

2.2.607 Number 706

$$\begin{aligned}
 706 &:= 8^3 + 12^2 + 50^1 = 83 + 122 + 501 \\
 706 &:= 1^0 + 8^3 + 12^2 + 49^1 = 10 + 83 + 122 + 491 \\
 706 &:= 1^1 + 7^3 + 19^2 + 43^0 = 11 + 73 + 192 + 430 \\
 706 &:= 1^3 + 15^0 + 26^2 + 28^1 = 13 + 150 + 262 + 281 \\
 706 &:= 1^7 + 2^7 + 24^2 + 42^0 = 17 + 27 + 242 + 420 \\
 706 &:= 10^2 + 11^2 + 22^2 + 27^0 = 102 + 112 + 222 + 270 \\
 706 &:= 2^1 + 3^3 + 26^2 + 39^0 = 21 + 33 + 262 + 390
 \end{aligned}$$

$$\begin{aligned}
 706 &:= 2^2 + 5^2 + 26^2 + 37^0 = 22 + 52 + 262 + 370 \\
 706 &:= 2^3 + 21^0 + 21^1 + 26^2 = 23 + 210 + 211 + 262 \\
 706 &:= 4^1 + 5^3 + 24^2 + 37^0 = 41 + 53 + 242 + 370 \\
 706 &:= 4^2 + 17^2 + 20^2 + 29^0 = 42 + 172 + 202 + 290 \\
 706 &:= 4^2 + 8^2 + 25^2 + 33^0 = 42 + 82 + 252 + 330 \\
 706 &:= 4^3 + 16^1 + 25^0 + 25^2 = 43 + 161 + 250 + 252 \\
 706 &:= 5^1 + 6^3 + 22^2 + 37^0 = 51 + 63 + 222 + 370
 \end{aligned}$$

$706 := 5^2 + 14^2 + 22^2 + 29^0$	$= 52 + 142 + 222 + 290$	$706 := 1^2 + 7^1 + 15^0 + 21^1 + 26^2$	$= 12 + 71 + 150 + 211 + 262$
$706 := 7^0 + 7^3 + 18^2 + 38^1$	$= 70 + 73 + 182 + 381$	$706 := 1^2 + 8^1 + 15^0 + 20^1 + 26^2$	$= 12 + 81 + 150 + 201 + 262$
$706 := 7^2 + 16^2 + 20^2 + 27^0$	$= 72 + 162 + 202 + 270$	$706 := 1^2 + 9^1 + 15^0 + 19^1 + 26^2$	$= 12 + 91 + 150 + 191 + 262$
$706 := 8^3 + 12^2 + 50^1$	$= 83 + 122 + 501$	$706 := 1^3 + 2^0 + 14^0 + 26^2 + 27^1$	$= 13 + 20 + 140 + 262 + 271$
$706 := 8^3 + 13^2 + 24^1 + 25^0$	$= 83 + 132 + 241 + 250$	$706 := 1^3 + 3^0 + 13^0 + 26^2 + 27^1$	$= 13 + 30 + 130 + 262 + 271$
$706 := 1^0 + 1^3 + 15^0 + 26^2 + 27^1$	$= 10 + 13 + 150 + 262 + 271$	$706 := 1^3 + 4^0 + 12^0 + 26^2 + 27^1$	$= 13 + 40 + 120 + 262 + 271$
$706 := 1^0 + 2^3 + 20^1 + 21^0 + 26^2$	$= 10 + 23 + 201 + 210 + 262$	$706 := 1^3 + 5^0 + 11^0 + 26^2 + 27^1$	$= 13 + 50 + 110 + 262 + 271$
$706 := 1^0 + 4^3 + 15^1 + 25^0 + 25^2$	$= 10 + 43 + 151 + 250 + 252$	$706 := 1^3 + 6^0 + 10^0 + 26^2 + 27^1$	$= 13 + 60 + 100 + 262 + 271$
$706 := 1^0 + 8^3 + 13^2 + 23^1 + 25^0$	$= 10 + 83 + 132 + 231 + 250$	$706 := 1^3 + 7^0 + 9^0 + 26^2 + 27^1$	$= 13 + 70 + 90 + 262 + 271$
$706 := 1^1 + 1^2 + 15^0 + 26^2 + 27^1$	$= 11 + 12 + 150 + 262 + 271$	$706 := 1^3 + 8^0 + 8^0 + 26^2 + 27^1$	$= 13 + 80 + 80 + 262 + 271$
$706 := 1^1 + 13^0 + 18^2 + 19^1 + 19^2$	$= 11 + 130 + 182 + 191 + 192$	$706 := 1^4 + 1^9 + 14^0 + 26^2 + 27^1$	$= 14 + 19 + 140 + 262 + 271$
$706 := 1^1 + 15^1 + 17^0 + 17^2 + 20^2$	$= 11 + 151 + 170 + 172 + 202$	$706 := 1^5 + 1^8 + 14^0 + 26^2 + 27^1$	$= 15 + 18 + 140 + 262 + 271$
$706 := 1^1 + 2^2 + 17^0 + 24^1 + 26^2$	$= 11 + 22 + 170 + 241 + 262$	$706 := 1^6 + 1^7 + 14^0 + 26^2 + 27^1$	$= 16 + 17 + 140 + 262 + 271$
$706 := 1^1 + 3^2 + 19^1 + 21^0 + 26^2$	$= 11 + 32 + 191 + 210 + 262$	$706 := 1^7 + 2^6 + 15^1 + 25^2 + 26^0$	$= 17 + 26 + 151 + 252 + 260$
$706 := 1^1 + 3^3 + 13^0 + 26^2 + 27^0$	$= 11 + 33 + 130 + 262 + 270$	$706 := 1^8 + 3^5 + 20^1 + 21^2 + 24^0$	$= 18 + 35 + 201 + 212 + 240$
$706 := 1^1 + 3^3 + 14^0 + 26^0 + 26^2$	$= 11 + 33 + 140 + 260 + 262$	$706 := 10^1 + 10^1 + 13^0 + 18^2 + 19^2$	$= 101 + 101 + 130 + 182 + 192$
$706 := 1^1 + 3^3 + 15^0 + 25^0 + 26^2$	$= 11 + 33 + 150 + 250 + 262$	$706 := 2^0 + 2^3 + 20^0 + 20^1 + 26^2$	$= 20 + 23 + 200 + 201 + 262$
$706 := 1^1 + 3^3 + 16^0 + 24^0 + 26^2$	$= 11 + 33 + 160 + 240 + 262$	$706 := 2^0 + 4^3 + 15^1 + 24^0 + 25^2$	$= 20 + 43 + 151 + 240 + 252$
$706 := 1^1 + 3^3 + 17^0 + 23^0 + 26^2$	$= 11 + 33 + 170 + 230 + 262$	$706 := 2^0 + 8^3 + 13^2 + 23^1 + 24^0$	$= 20 + 83 + 132 + 231 + 240$
$706 := 1^1 + 3^3 + 18^0 + 22^0 + 26^2$	$= 11 + 33 + 180 + 220 + 262$	$706 := 2^1 + 13^0 + 18^1 + 18^2 + 19^2$	$= 21 + 130 + 181 + 182 + 192$
$706 := 1^1 + 3^3 + 19^0 + 21^0 + 26^2$	$= 11 + 33 + 190 + 210 + 262$	$706 := 2^1 + 14^1 + 17^0 + 17^2 + 20^2$	$= 21 + 141 + 170 + 172 + 202$
$706 := 1^1 + 3^3 + 20^0 + 20^0 + 26^2$	$= 11 + 33 + 200 + 200 + 262$	$706 := 2^1 + 2^2 + 17^0 + 23^1 + 26^2$	$= 21 + 22 + 170 + 231 + 262$
$706 := 1^1 + 4^2 + 12^1 + 26^2 + 27^0$	$= 11 + 42 + 121 + 262 + 270$	$706 := 2^1 + 3^2 + 18^1 + 21^0 + 26^2$	$= 21 + 32 + 181 + 210 + 262$
$706 := 1^1 + 6^1 + 13^2 + 23^2 + 27^0$	$= 11 + 61 + 132 + 232 + 270$	$706 := 2^1 + 4^2 + 11^1 + 26^2 + 27^0$	$= 21 + 42 + 111 + 262 + 270$
$706 := 1^1 + 7^1 + 11^2 + 24^2 + 27^0$	$= 11 + 71 + 112 + 242 + 270$	$706 := 2^1 + 5^1 + 13^2 + 23^2 + 27^0$	$= 21 + 51 + 132 + 232 + 270$
$706 := 1^1 + 7^1 + 16^2 + 21^2 + 25^0$	$= 11 + 71 + 162 + 212 + 250$	$706 := 2^1 + 6^1 + 11^2 + 24^2 + 27^0$	$= 21 + 61 + 112 + 242 + 270$
$706 := 1^1 + 8^2 + 15^1 + 21^0 + 25^2$	$= 11 + 82 + 151 + 210 + 252$	$706 := 2^1 + 6^1 + 16^2 + 21^2 + 25^0$	$= 21 + 61 + 162 + 212 + 250$
$706 := 1^1 + 9^0 + 14^2 + 22^2 + 24^1$	$= 11 + 90 + 142 + 222 + 241$	$706 := 2^1 + 7^0 + 10^2 + 24^2 + 27^1$	$= 21 + 70 + 102 + 242 + 271$
$706 := 1^2 + 10^1 + 15^0 + 18^1 + 26^2$	$= 12 + 101 + 150 + 181 + 262$	$706 := 2^1 + 8^2 + 14^1 + 21^0 + 25^2$	$= 21 + 82 + 141 + 210 + 252$
$706 := 1^2 + 11^1 + 15^0 + 17^1 + 26^2$	$= 12 + 111 + 150 + 171 + 262$	$706 := 2^1 + 9^0 + 14^2 + 22^2 + 23^1$	$= 21 + 90 + 142 + 222 + 231$
$706 := 1^2 + 12^1 + 15^0 + 16^1 + 26^2$	$= 12 + 121 + 150 + 161 + 262$	$706 := 2^2 + 10^1 + 15^1 + 17^0 + 26^2$	$= 22 + 101 + 151 + 170 + 262$
$706 := 1^2 + 13^1 + 15^0 + 15^1 + 26^2$	$= 12 + 131 + 150 + 151 + 262$	$706 := 2^2 + 11^1 + 14^1 + 17^0 + 26^2$	$= 22 + 111 + 141 + 170 + 262$
$706 := 1^2 + 14^1 + 14^1 + 15^0 + 26^2$	$= 12 + 141 + 141 + 150 + 262$	$706 := 2^2 + 12^1 + 13^1 + 17^0 + 26^2$	$= 22 + 121 + 131 + 170 + 262$
$706 := 1^2 + 2^1 + 15^0 + 26^1 + 26^2$	$= 12 + 21 + 150 + 261 + 262$	$706 := 2^2 + 3^1 + 17^0 + 22^1 + 26^2$	$= 22 + 31 + 170 + 221 + 262$
$706 := 1^2 + 3^1 + 15^0 + 25^1 + 26^2$	$= 12 + 31 + 150 + 251 + 262$	$706 := 2^2 + 4^1 + 17^0 + 21^1 + 26^2$	$= 22 + 41 + 170 + 211 + 262$
$706 := 1^2 + 4^1 + 15^0 + 24^1 + 26^2$	$= 12 + 41 + 150 + 241 + 262$	$706 := 2^2 + 5^1 + 17^0 + 20^1 + 26^2$	$= 22 + 51 + 170 + 201 + 262$
$706 := 1^2 + 5^1 + 15^0 + 23^1 + 26^2$	$= 12 + 51 + 150 + 231 + 262$	$706 := 2^2 + 6^1 + 17^0 + 19^1 + 26^2$	$= 22 + 61 + 170 + 191 + 262$
$706 := 1^2 + 6^1 + 15^0 + 22^1 + 26^2$	$= 12 + 61 + 150 + 221 + 262$	$706 := 2^2 + 7^1 + 17^0 + 18^1 + 26^2$	$= 22 + 71 + 170 + 181 + 262$

$$\begin{aligned} 706 &:= 2^2 + 8^1 + 17^0 + 17^1 + 26^2 = 22 + 81 + 170 + 171 + 262 & 706 &:= 3^1 + 5^3 + 16^0 + 22^0 + 24^2 = 31 + 53 + 160 + 220 + 242 \\ 706 &:= 2^2 + 9^1 + 16^1 + 17^0 + 26^2 = 22 + 91 + 161 + 170 + 262 & 706 &:= 3^1 + 5^3 + 17^0 + 21^0 + 24^2 = 31 + 53 + 170 + 210 + 242 \\ 706 &:= 2^3 + 10^0 + 12^0 + 20^1 + 26^2 = 23 + 100 + 120 + 201 + 262 & 706 &:= 3^1 + 5^3 + 18^0 + 20^0 + 24^2 = 31 + 53 + 180 + 200 + 242 \\ 706 &:= 2^3 + 11^0 + 11^0 + 20^1 + 26^2 = 23 + 110 + 110 + 201 + 262 & 706 &:= 3^1 + 5^3 + 19^0 + 19^0 + 24^2 = 31 + 53 + 190 + 190 + 242 \\ 706 &:= 2^3 + 3^0 + 19^0 + 20^1 + 26^2 = 23 + 30 + 190 + 201 + 262 & 706 &:= 3^1 + 7^0 + 10^2 + 24^2 + 26^1 = 31 + 70 + 102 + 242 + 261 \\ 706 &:= 2^3 + 4^0 + 18^0 + 20^1 + 26^2 = 23 + 40 + 180 + 201 + 262 & 706 &:= 3^1 + 8^2 + 13^1 + 21^0 + 25^2 = 31 + 82 + 131 + 210 + 252 \\ 706 &:= 2^3 + 5^0 + 17^0 + 20^1 + 26^2 = 23 + 50 + 170 + 201 + 262 & 706 &:= 3^1 + 9^0 + 14^2 + 22^1 + 22^2 = 31 + 90 + 142 + 221 + 222 \\ 706 &:= 2^3 + 6^0 + 16^0 + 20^1 + 26^2 = 23 + 60 + 160 + 201 + 262 & 706 &:= 3^2 + 10^1 + 10^1 + 21^0 + 26^2 = 32 + 101 + 101 + 210 + 262 \\ 706 &:= 2^3 + 7^0 + 15^0 + 20^1 + 26^2 = 23 + 70 + 150 + 201 + 262 & 706 &:= 3^2 + 4^1 + 16^1 + 21^0 + 26^2 = 32 + 41 + 161 + 210 + 262 \\ 706 &:= 2^3 + 8^0 + 14^0 + 20^1 + 26^2 = 23 + 80 + 140 + 201 + 262 & 706 &:= 3^2 + 5^1 + 15^1 + 21^0 + 26^2 = 32 + 51 + 151 + 210 + 262 \\ 706 &:= 2^3 + 9^0 + 13^0 + 20^1 + 26^2 = 23 + 90 + 130 + 201 + 262 & 706 &:= 3^2 + 6^1 + 14^1 + 21^0 + 26^2 = 32 + 61 + 141 + 210 + 262 \\ 706 &:= 3^0 + 10^1 + 12^2 + 22^1 + 23^2 = 30 + 101 + 122 + 221 + 232 & 706 &:= 3^2 + 7^1 + 13^1 + 21^0 + 26^2 = 32 + 71 + 131 + 210 + 262 \\ 706 &:= 3^0 + 11^1 + 12^2 + 21^1 + 23^2 = 30 + 111 + 122 + 211 + 232 & 706 &:= 3^2 + 8^1 + 12^1 + 21^0 + 26^2 = 32 + 81 + 121 + 210 + 262 \\ 706 &:= 3^0 + 12^1 + 12^2 + 20^1 + 23^2 = 30 + 121 + 122 + 201 + 232 & 706 &:= 3^2 + 9^1 + 11^1 + 21^0 + 26^2 = 32 + 91 + 111 + 210 + 262 \\ 706 &:= 3^0 + 12^2 + 13^1 + 19^1 + 23^2 = 30 + 122 + 131 + 191 + 232 & 706 &:= 4^0 + 4^3 + 15^1 + 22^0 + 25^2 = 40 + 43 + 151 + 220 + 252 \\ 706 &:= 3^0 + 12^2 + 14^1 + 18^1 + 23^2 = 30 + 122 + 141 + 181 + 232 & 706 &:= 4^0 + 8^2 + 8^2 + 24^2 + 26^0 = 40 + 82 + 82 + 242 + 260 \\ 706 &:= 3^0 + 12^2 + 15^1 + 17^1 + 23^2 = 30 + 122 + 151 + 171 + 232 & 706 &:= 4^0 + 8^3 + 13^2 + 22^0 + 23^1 = 40 + 83 + 132 + 220 + 231 \\ 706 &:= 3^0 + 12^2 + 16^1 + 16^1 + 23^2 = 30 + 122 + 161 + 161 + 232 & 706 &:= 4^1 + 12^1 + 17^0 + 17^2 + 20^2 = 41 + 121 + 170 + 172 + 202 \\ 706 &:= 3^0 + 4^3 + 15^1 + 23^0 + 25^2 = 30 + 43 + 151 + 230 + 252 & 706 &:= 4^1 + 13^0 + 16^1 + 18^2 + 19^2 = 41 + 130 + 161 + 182 + 192 \\ 706 &:= 3^0 + 5^1 + 12^2 + 23^2 + 27^1 = 30 + 51 + 122 + 232 + 271 & 706 &:= 4^1 + 4^1 + 11^2 + 24^2 + 27^0 = 41 + 41 + 112 + 242 + 270 \\ 706 &:= 3^0 + 6^1 + 12^2 + 23^2 + 26^1 = 30 + 61 + 122 + 232 + 261 & 706 &:= 4^1 + 4^1 + 16^2 + 21^2 + 25^0 = 41 + 41 + 162 + 212 + 250 \\ 706 &:= 3^0 + 7^1 + 12^2 + 23^2 + 25^1 = 30 + 71 + 122 + 232 + 251 & 706 &:= 4^1 + 4^2 + 9^1 + 26^2 + 27^0 = 41 + 42 + 91 + 262 + 270 \\ 706 &:= 3^0 + 8^1 + 12^2 + 23^2 + 24^1 = 30 + 81 + 122 + 232 + 241 & 706 &:= 4^1 + 6^3 + 11^0 + 22^2 + 27^0 = 41 + 63 + 110 + 222 + 270 \\ 706 &:= 3^0 + 8^2 + 8^2 + 24^2 + 27^0 = 30 + 82 + 82 + 242 + 270 & 706 &:= 4^1 + 6^3 + 12^0 + 22^2 + 26^0 = 41 + 63 + 120 + 222 + 260 \\ 706 &:= 3^0 + 8^3 + 13^2 + 23^0 + 23^1 = 30 + 83 + 132 + 230 + 231 & 706 &:= 4^1 + 6^3 + 13^0 + 22^2 + 25^0 = 41 + 63 + 130 + 222 + 250 \\ 706 &:= 3^0 + 9^1 + 12^2 + 23^1 + 23^2 = 30 + 91 + 122 + 231 + 232 & 706 &:= 4^1 + 6^3 + 14^0 + 22^2 + 24^0 = 41 + 63 + 140 + 222 + 240 \\ 706 &:= 3^1 + 13^0 + 17^1 + 18^2 + 19^2 = 31 + 130 + 171 + 182 + 192 & 706 &:= 4^1 + 6^3 + 15^0 + 22^2 + 23^0 = 41 + 63 + 150 + 222 + 230 \\ 706 &:= 3^1 + 13^1 + 17^0 + 17^2 + 20^2 = 31 + 131 + 170 + 172 + 202 & 706 &:= 4^1 + 6^3 + 16^0 + 22^0 + 22^2 = 41 + 63 + 160 + 220 + 222 \\ 706 &:= 3^1 + 3^2 + 17^1 + 21^0 + 26^2 = 31 + 32 + 171 + 210 + 262 & 706 &:= 4^1 + 6^3 + 17^0 + 21^0 + 22^2 = 41 + 63 + 170 + 210 + 222 \\ 706 &:= 3^1 + 4^1 + 13^2 + 23^2 + 27^0 = 31 + 41 + 132 + 232 + 270 & 706 &:= 4^1 + 6^3 + 18^0 + 20^0 + 22^2 = 41 + 63 + 180 + 200 + 222 \\ 706 &:= 3^1 + 4^2 + 10^1 + 26^2 + 27^0 = 31 + 42 + 101 + 262 + 270 & 706 &:= 4^1 + 6^3 + 19^0 + 19^0 + 22^2 = 41 + 63 + 190 + 190 + 222 \\ 706 &:= 3^1 + 5^1 + 11^2 + 24^2 + 27^0 = 31 + 51 + 112 + 242 + 270 & 706 &:= 4^1 + 7^0 + 10^2 + 24^2 + 25^1 = 41 + 70 + 102 + 242 + 251 \\ 706 &:= 3^1 + 5^1 + 16^2 + 21^2 + 25^0 = 31 + 51 + 162 + 212 + 250 & 706 &:= 4^1 + 7^0 + 7^2 + 25^2 + 27^1 = 41 + 70 + 72 + 252 + 271 \\ 706 &:= 3^1 + 5^3 + 11^0 + 24^2 + 27^0 = 31 + 53 + 110 + 242 + 270 & 706 &:= 4^1 + 8^2 + 12^1 + 21^0 + 25^2 = 41 + 82 + 121 + 210 + 252 \\ 706 &:= 3^1 + 5^3 + 12^0 + 24^2 + 26^0 = 31 + 53 + 120 + 242 + 260 & 706 &:= 4^1 + 9^0 + 14^2 + 21^1 + 22^2 = 41 + 90 + 142 + 211 + 222 \\ 706 &:= 3^1 + 5^3 + 13^0 + 24^2 + 25^0 = 31 + 53 + 130 + 242 + 250 & 706 &:= 4^2 + 5^1 + 8^1 + 26^2 + 27^0 = 42 + 51 + 81 + 262 + 270 \\ 706 &:= 3^1 + 5^3 + 14^0 + 24^0 + 24^2 = 31 + 53 + 140 + 240 + 242 & 706 &:= 4^2 + 6^1 + 7^1 + 26^2 + 27^0 = 42 + 61 + 71 + 262 + 270 \\ 706 &:= 3^1 + 5^3 + 15^0 + 23^0 + 24^2 = 31 + 53 + 150 + 230 + 242 & 706 &:= 4^3 + 10^0 + 15^1 + 16^0 + 25^2 = 43 + 100 + 151 + 160 + 252 \end{aligned}$$

$$\begin{aligned}
 706 &:= 4^3 + 11^0 + 15^0 + 15^1 + 25^2 = 43 + 110 + 150 + 151 + 252 & 706 &:= 7^0 + 7^2 + 15^1 + 16^1 + 25^2 = 70 + 72 + 151 + 161 + 252 \\
 706 &:= 4^3 + 12^0 + 14^0 + 15^1 + 25^2 = 43 + 120 + 140 + 151 + 252 & 706 &:= 7^0 + 7^2 + 8^1 + 23^1 + 25^2 = 70 + 72 + 81 + 231 + 252 \\
 706 &:= 4^3 + 13^0 + 13^0 + 15^1 + 25^2 = 43 + 130 + 130 + 151 + 252 & 706 &:= 7^0 + 7^2 + 9^1 + 22^1 + 25^2 = 70 + 72 + 91 + 221 + 252 \\
 706 &:= 4^3 + 5^0 + 15^1 + 21^0 + 25^2 = 43 + 50 + 151 + 210 + 252 & 706 &:= 7^0 + 8^1 + 10^2 + 21^1 + 24^2 = 70 + 81 + 102 + 211 + 242 \\
 706 &:= 4^3 + 6^0 + 15^1 + 20^0 + 25^2 = 43 + 60 + 151 + 200 + 252 & 706 &:= 7^0 + 8^2 + 8^2 + 23^0 + 24^2 = 70 + 82 + 82 + 230 + 242 \\
 706 &:= 4^3 + 7^0 + 15^1 + 19^0 + 25^2 = 43 + 70 + 151 + 190 + 252 & 706 &:= 7^0 + 8^3 + 13^2 + 19^0 + 23^1 = 70 + 83 + 132 + 190 + 231 \\
 706 &:= 4^3 + 8^0 + 15^1 + 18^0 + 25^2 = 43 + 80 + 151 + 180 + 252 & 706 &:= 7^0 + 9^1 + 10^2 + 20^1 + 24^2 = 70 + 91 + 102 + 201 + 242 \\
 706 &:= 4^3 + 9^0 + 15^1 + 17^0 + 25^2 = 43 + 90 + 151 + 170 + 252 & 706 &:= 7^1 + 13^0 + 13^1 + 18^2 + 19^2 = 71 + 130 + 131 + 182 + 192 \\
 706 &:= 5^0 + 8^2 + 8^2 + 24^2 + 25^0 = 50 + 82 + 82 + 242 + 250 & 706 &:= 7^1 + 8^2 + 9^1 + 21^0 + 25^2 = 71 + 82 + 91 + 210 + 252 \\
 706 &:= 5^0 + 8^3 + 13^2 + 21^0 + 23^1 = 50 + 83 + 132 + 210 + 231 & 706 &:= 7^1 + 9^0 + 14^2 + 18^1 + 22^2 = 71 + 90 + 142 + 181 + 222 \\
 706 &:= 5^1 + 11^1 + 17^0 + 17^2 + 20^2 = 51 + 111 + 170 + 172 + 202 & 706 &:= 7^1 + 9^1 + 17^0 + 17^2 + 20^2 = 71 + 91 + 170 + 172 + 202 \\
 706 &:= 5^1 + 13^0 + 15^1 + 18^2 + 19^2 = 51 + 130 + 151 + 182 + 192 & 706 &:= 8^0 + 8^2 + 8^2 + 22^0 + 24^2 = 80 + 82 + 82 + 220 + 242 \\
 706 &:= 5^1 + 7^0 + 10^2 + 24^1 + 24^2 = 51 + 70 + 102 + 241 + 242 & 706 &:= 8^0 + 8^3 + 13^2 + 18^0 + 23^1 = 80 + 83 + 132 + 180 + 231 \\
 706 &:= 5^1 + 7^0 + 7^2 + 25^2 + 26^1 = 51 + 70 + 72 + 252 + 261 & 706 &:= 8^1 + 12^1 + 13^0 + 18^2 + 19^2 = 81 + 121 + 130 + 182 + 192 \\
 706 &:= 5^1 + 8^2 + 11^1 + 21^0 + 25^2 = 51 + 82 + 111 + 210 + 252 & 706 &:= 8^1 + 8^1 + 17^0 + 17^2 + 20^2 = 81 + 81 + 170 + 172 + 202 \\
 706 &:= 5^1 + 9^0 + 14^2 + 20^1 + 22^2 = 51 + 90 + 142 + 201 + 222 & 706 &:= 8^1 + 8^1 + 8^2 + 21^0 + 25^2 = 81 + 81 + 82 + 210 + 252 \\
 706 &:= 6^0 + 8^2 + 8^2 + 24^0 + 24^2 = 60 + 82 + 82 + 240 + 242 & 706 &:= 8^1 + 9^0 + 14^2 + 17^1 + 22^2 = 81 + 90 + 142 + 171 + 222 \\
 706 &:= 6^0 + 8^3 + 13^2 + 20^0 + 23^1 = 60 + 83 + 132 + 200 + 231 & 706 &:= 8^2 + 8^2 + 10^0 + 20^0 + 24^2 = 82 + 82 + 100 + 200 + 242 \\
 706 &:= 6^1 + 10^1 + 17^0 + 17^2 + 20^2 = 61 + 101 + 170 + 172 + 202 & 706 &:= 8^2 + 8^2 + 11^0 + 19^0 + 24^2 = 82 + 82 + 110 + 190 + 242 \\
 706 &:= 6^1 + 13^0 + 14^1 + 18^2 + 19^2 = 61 + 130 + 141 + 182 + 192 & 706 &:= 8^2 + 8^2 + 12^0 + 18^0 + 24^2 = 82 + 82 + 120 + 180 + 242 \\
 706 &:= 6^1 + 7^0 + 10^2 + 23^1 + 24^2 = 61 + 70 + 102 + 231 + 242 & 706 &:= 8^2 + 8^2 + 13^0 + 17^0 + 24^2 = 82 + 82 + 130 + 170 + 242 \\
 706 &:= 6^1 + 7^0 + 7^2 + 25^1 + 25^2 = 61 + 70 + 72 + 251 + 252 & 706 &:= 8^2 + 8^2 + 14^0 + 16^0 + 24^2 = 82 + 82 + 140 + 160 + 242 \\
 706 &:= 6^1 + 8^2 + 10^1 + 21^0 + 25^2 = 61 + 82 + 101 + 210 + 252 & 706 &:= 8^2 + 8^2 + 15^0 + 15^0 + 24^2 = 82 + 82 + 150 + 150 + 242 \\
 706 &:= 6^1 + 9^0 + 14^2 + 19^1 + 22^2 = 61 + 90 + 142 + 191 + 222 & 706 &:= 8^2 + 8^2 + 9^0 + 21^0 + 24^2 = 82 + 82 + 90 + 210 + 242 \\
 706 &:= 7^0 + 10^1 + 10^2 + 19^1 + 24^2 = 70 + 101 + 102 + 191 + 242 & 706 &:= 8^3 + 10^0 + 13^2 + 16^0 + 23^1 = 83 + 100 + 132 + 160 + 231 \\
 706 &:= 7^0 + 10^2 + 11^1 + 18^1 + 24^2 = 70 + 102 + 111 + 181 + 242 & 706 &:= 8^3 + 11^0 + 13^2 + 15^0 + 23^1 = 83 + 110 + 132 + 150 + 231 \\
 706 &:= 7^0 + 10^2 + 12^1 + 17^1 + 24^2 = 70 + 102 + 121 + 171 + 242 & 706 &:= 8^3 + 12^0 + 13^2 + 14^0 + 23^1 = 83 + 120 + 132 + 140 + 231 \\
 706 &:= 7^0 + 10^2 + 13^1 + 16^1 + 24^2 = 70 + 102 + 131 + 161 + 242 & 706 &:= 8^3 + 13^0 + 13^0 + 13^2 + 23^1 = 83 + 130 + 130 + 132 + 231 \\
 706 &:= 7^0 + 10^2 + 14^1 + 15^1 + 24^2 = 70 + 102 + 141 + 151 + 242 & 706 &:= 8^3 + 9^0 + 13^2 + 17^0 + 23^1 = 83 + 90 + 132 + 170 + 231 \\
 706 &:= 7^0 + 7^1 + 10^2 + 22^1 + 24^2 = 70 + 71 + 102 + 221 + 242 & 706 &:= 9^0 + 10^1 + 14^2 + 15^1 + 22^2 = 90 + 101 + 142 + 151 + 222 \\
 706 &:= 7^0 + 7^1 + 7^2 + 24^1 + 25^2 = 70 + 71 + 72 + 241 + 252 & 706 &:= 9^0 + 11^1 + 14^1 + 14^2 + 22^2 = 90 + 111 + 141 + 142 + 222 \\
 706 &:= 7^0 + 7^2 + 10^1 + 21^1 + 25^2 = 70 + 72 + 101 + 211 + 252 & 706 &:= 9^0 + 12^1 + 13^1 + 14^2 + 22^2 = 90 + 121 + 131 + 142 + 222 \\
 706 &:= 7^0 + 7^2 + 11^1 + 20^1 + 25^2 = 70 + 72 + 111 + 201 + 252 & 706 &:= 9^0 + 9^1 + 14^2 + 16^1 + 22^2 = 90 + 91 + 142 + 161 + 222 \\
 706 &:= 7^0 + 7^2 + 12^1 + 19^1 + 25^2 = 70 + 72 + 121 + 191 + 252 & 706 &:= 9^1 + 11^1 + 13^0 + 18^2 + 19^2 = 91 + 111 + 130 + 182 + 192 \\
 706 &:= 7^0 + 7^2 + 13^1 + 18^1 + 25^2 = 70 + 72 + 131 + 181 + 252 \\
 706 &:= 7^0 + 7^2 + 14^1 + 17^1 + 25^2 = 70 + 72 + 141 + 171 + 252
 \end{aligned}$$

2.2.608 Number 707

$707 := 1^4 + 14^0 + 26^2 + 29^1$	$= 14 + 140 + 262 + 291$	$707 := 1^3 + 3^1 + 14^0 + 26^1 + 26^2$	$= 13 + 31 + 140 + 261 + 262$
$707 := 2^3 + 13^2 + 23^2 + 32^0$	$= 23 + 132 + 232 + 320$	$707 := 1^3 + 4^1 + 14^0 + 25^1 + 26^2$	$= 13 + 41 + 140 + 251 + 262$
$707 := 2^4 + 14^1 + 26^2 + 28^0$	$= 24 + 141 + 262 + 280$	$707 := 1^3 + 5^1 + 14^0 + 24^1 + 26^2$	$= 13 + 51 + 140 + 241 + 262$
$707 := 4^0 + 5^2 + 5^4 + 56^1$	$= 40 + 52 + 54 + 561$	$707 := 1^3 + 6^1 + 14^0 + 23^1 + 26^2$	$= 13 + 61 + 140 + 231 + 262$
$707 := 4^4 + 9^1 + 21^2 + 36^0$	$= 44 + 91 + 212 + 360$	$707 := 1^3 + 7^1 + 14^0 + 22^1 + 26^2$	$= 13 + 71 + 140 + 221 + 262$
$707 := 5^2 + 8^3 + 13^2 + 44^0$	$= 52 + 83 + 132 + 440$	$707 := 1^3 + 8^1 + 14^0 + 21^1 + 26^2$	$= 13 + 81 + 140 + 211 + 262$
$707 := 5^4 + 6^2 + 14^0 + 45^1$	$= 54 + 62 + 140 + 451$	$707 := 1^3 + 9^1 + 14^0 + 20^1 + 26^2$	$= 13 + 91 + 140 + 201 + 262$
$707 := 5^4 + 7^2 + 26^0 + 32^1$	$= 54 + 72 + 260 + 321$	$707 := 1^8 + 2^6 + 16^1 + 25^0 + 25^2$	$= 18 + 26 + 161 + 250 + 252$
$707 := 5^4 + 8^2 + 17^1 + 40^0$	$= 54 + 82 + 171 + 400$	$707 := 1^8 + 2^7 + 15^0 + 24^2 + 27^0$	$= 18 + 27 + 150 + 242 + 270$
$707 := 6^3 + 7^2 + 21^2 + 36^0$	$= 63 + 72 + 212 + 360$	$707 := 1^8 + 2^7 + 16^0 + 24^2 + 26^0$	$= 18 + 27 + 160 + 242 + 260$
$707 := 7^3 + 7^3 + 20^1 + 36^0$	$= 73 + 73 + 201 + 360$	$707 := 1^8 + 2^7 + 17^0 + 24^2 + 25^0$	$= 18 + 27 + 170 + 242 + 250$
$707 := 1^1 + 10^2 + 11^2 + 22^2 + 26^0$	$= 11 + 102 + 112 + 222 + 260$	$707 := 1^8 + 2^7 + 18^0 + 24^0 + 24^2$	$= 18 + 27 + 180 + 240 + 242$
$707 := 1^1 + 2^3 + 20^0 + 21^1 + 26^2$	$= 11 + 23 + 200 + 211 + 262$	$707 := 1^8 + 2^7 + 19^0 + 23^0 + 24^2$	$= 18 + 27 + 190 + 230 + 242$
$707 := 1^1 + 4^3 + 16^1 + 24^0 + 25^2$	$= 11 + 43 + 161 + 240 + 252$	$707 := 1^8 + 2^7 + 20^0 + 22^0 + 24^2$	$= 18 + 27 + 200 + 220 + 242$
$707 := 1^1 + 7^2 + 16^2 + 20^2 + 26^0$	$= 11 + 72 + 162 + 202 + 260$	$707 := 1^8 + 2^7 + 21^0 + 21^0 + 24^2$	$= 18 + 27 + 210 + 210 + 242$
$707 := 1^1 + 8^3 + 13^2 + 24^0 + 24^1$	$= 11 + 83 + 132 + 240 + 241$	$707 := 1^9 + 3^5 + 21^1 + 21^2 + 23^0$	$= 19 + 35 + 211 + 212 + 230$
$707 := 1^2 + 12^0 + 18^2 + 19^2 + 20^1$	$= 12 + 120 + 182 + 192 + 201$	$707 := 10^0 + 11^2 + 13^2 + 16^1 + 20^2$	$= 100 + 112 + 132 + 161 + 202$
$707 := 1^2 + 16^0 + 16^1 + 17^2 + 20^2$	$= 12 + 160 + 161 + 172 + 202$	$707 := 10^1 + 10^2 + 14^2 + 16^0 + 20^2$	$= 101 + 102 + 142 + 160 + 202$
$707 := 1^2 + 2^2 + 16^0 + 25^1 + 26^2$	$= 12 + 22 + 160 + 251 + 262$	$707 := 12^0 + 12^2 + 13^1 + 15^2 + 18^2$	$= 120 + 122 + 131 + 152 + 182$
$707 := 1^2 + 3^2 + 20^0 + 20^1 + 26^2$	$= 12 + 32 + 200 + 201 + 262$	$707 := 2^0 + 13^2 + 15^2 + 17^2 + 23^1$	$= 20 + 132 + 152 + 172 + 231$
$707 := 1^2 + 4^2 + 13^1 + 26^0 + 26^2$	$= 12 + 42 + 131 + 260 + 262$	$707 := 2^0 + 2^4 + 13^1 + 26^2 + 27^0$	$= 20 + 24 + 131 + 262 + 270$
$707 := 1^2 + 7^1 + 13^2 + 23^2 + 26^0$	$= 12 + 71 + 132 + 232 + 260$	$707 := 2^0 + 8^2 + 16^2 + 19^2 + 25^1$	$= 20 + 82 + 162 + 192 + 251$
$707 := 1^2 + 7^3 + 16^0 + 19^2 + 27^0$	$= 12 + 73 + 160 + 192 + 270$	$707 := 2^1 + 2^3 + 20^0 + 20^1 + 26^2$	$= 21 + 23 + 200 + 201 + 262$
$707 := 1^2 + 7^3 + 17^0 + 19^2 + 26^0$	$= 12 + 73 + 170 + 192 + 260$	$707 := 2^1 + 4^3 + 15^1 + 24^0 + 25^2$	$= 21 + 43 + 151 + 240 + 252$
$707 := 1^2 + 7^3 + 18^0 + 19^2 + 25^0$	$= 12 + 73 + 180 + 192 + 250$	$707 := 2^1 + 8^3 + 13^2 + 23^1 + 24^0$	$= 21 + 83 + 132 + 231 + 240$
$707 := 1^2 + 7^3 + 19^0 + 19^2 + 24^0$	$= 12 + 73 + 190 + 192 + 240$	$707 := 2^2 + 10^0 + 14^2 + 22^1 + 22^2$	$= 22 + 100 + 142 + 221 + 222$
$707 := 1^2 + 7^3 + 19^2 + 20^0 + 23^0$	$= 12 + 73 + 192 + 200 + 230$	$707 := 2^2 + 13^1 + 17^2 + 18^0 + 20^2$	$= 22 + 131 + 172 + 180 + 202$
$707 := 1^2 + 7^3 + 19^2 + 21^0 + 22^0$	$= 12 + 73 + 192 + 210 + 220$	$707 := 2^2 + 14^0 + 17^1 + 18^2 + 19^2$	$= 22 + 140 + 171 + 182 + 192$
$707 := 1^2 + 8^0 + 14^2 + 22^2 + 25^1$	$= 12 + 80 + 142 + 222 + 251$	$707 := 2^2 + 2^2 + 18^0 + 22^1 + 26^2$	$= 22 + 22 + 180 + 221 + 262$
$707 := 1^2 + 8^1 + 11^2 + 24^2 + 26^0$	$= 12 + 81 + 112 + 242 + 260$	$707 := 2^2 + 3^2 + 17^1 + 22^0 + 26^2$	$= 22 + 32 + 171 + 220 + 262$
$707 := 1^2 + 8^1 + 16^2 + 21^2 + 24^0$	$= 12 + 81 + 162 + 212 + 240$	$707 := 2^2 + 5^1 + 16^2 + 21^2 + 26^0$	$= 22 + 51 + 162 + 212 + 260$
$707 := 1^2 + 8^2 + 16^1 + 20^0 + 25^2$	$= 12 + 82 + 161 + 200 + 252$	$707 := 2^2 + 5^3 + 12^0 + 24^2 + 27^0$	$= 22 + 53 + 120 + 242 + 270$
$707 := 1^3 + 10^1 + 14^0 + 19^1 + 26^2$	$= 13 + 101 + 140 + 191 + 262$	$707 := 2^2 + 5^3 + 13^0 + 24^2 + 26^0$	$= 22 + 53 + 130 + 242 + 260$
$707 := 1^3 + 11^1 + 14^0 + 18^1 + 26^2$	$= 13 + 111 + 140 + 181 + 262$	$707 := 2^2 + 5^3 + 14^0 + 24^2 + 25^0$	$= 22 + 53 + 140 + 242 + 250$
$707 := 1^3 + 12^1 + 14^0 + 17^1 + 26^2$	$= 13 + 121 + 140 + 171 + 262$	$707 := 2^2 + 5^3 + 15^0 + 24^0 + 24^2$	$= 22 + 53 + 150 + 240 + 242$
$707 := 1^3 + 13^1 + 14^0 + 16^1 + 26^2$	$= 13 + 131 + 140 + 161 + 262$	$707 := 2^2 + 5^3 + 16^0 + 23^0 + 24^2$	$= 22 + 53 + 160 + 230 + 242$
$707 := 1^3 + 14^0 + 14^1 + 15^1 + 26^2$	$= 13 + 140 + 141 + 151 + 262$	$707 := 2^2 + 5^3 + 17^0 + 22^0 + 24^2$	$= 22 + 53 + 170 + 220 + 242$
$707 := 1^3 + 2^1 + 14^0 + 26^2 + 27^1$	$= 13 + 21 + 140 + 262 + 271$	$707 := 2^2 + 5^3 + 18^0 + 21^0 + 24^2$	$= 22 + 53 + 180 + 210 + 242$

$$\begin{aligned} 707 &:= 2^2 + 5^3 + 19^0 + 20^0 + 24^2 = 22 + 53 + 190 + 200 + 242 & 707 &:= 2^4 + 13^0 + 13^1 + 16^0 + 26^2 = 24 + 130 + 131 + 160 + 262 \\ 707 &:= 2^2 + 8^0 + 10^2 + 24^2 + 26^1 = 22 + 80 + 102 + 242 + 261 & 707 &:= 2^4 + 13^1 + 14^0 + 15^0 + 26^2 = 24 + 131 + 140 + 150 + 262 \\ 707 &:= 2^2 + 8^2 + 13^1 + 22^0 + 25^2 = 22 + 82 + 131 + 220 + 252 & 707 &:= 2^4 + 3^0 + 13^1 + 26^0 + 26^2 = 24 + 30 + 131 + 260 + 262 \\ 707 &:= 2^3 + 10^0 + 11^2 + 23^0 + 24^2 = 23 + 100 + 112 + 230 + 242 & 707 &:= 2^4 + 4^0 + 13^1 + 25^0 + 26^2 = 24 + 40 + 131 + 250 + 262 \\ 707 &:= 2^3 + 10^0 + 16^2 + 21^0 + 21^2 = 23 + 100 + 162 + 210 + 212 & 707 &:= 2^4 + 5^0 + 13^1 + 24^0 + 26^2 = 24 + 50 + 131 + 240 + 262 \\ 707 &:= 2^3 + 10^1 + 12^1 + 20^0 + 26^2 = 23 + 101 + 121 + 200 + 262 & 707 &:= 2^4 + 6^0 + 13^1 + 23^0 + 26^2 = 24 + 60 + 131 + 230 + 262 \\ 707 &:= 2^3 + 11^0 + 11^2 + 22^0 + 24^2 = 23 + 110 + 112 + 220 + 242 & 707 &:= 2^4 + 7^0 + 13^1 + 22^0 + 26^2 = 24 + 70 + 131 + 220 + 262 \\ 707 &:= 2^3 + 11^0 + 16^2 + 20^0 + 21^2 = 23 + 110 + 162 + 200 + 212 & 707 &:= 2^4 + 8^0 + 13^1 + 21^0 + 26^2 = 24 + 80 + 131 + 210 + 262 \\ 707 &:= 2^3 + 11^1 + 11^1 + 20^0 + 26^2 = 23 + 111 + 111 + 200 + 262 & 707 &:= 2^4 + 9^0 + 13^1 + 20^0 + 26^2 = 24 + 90 + 131 + 200 + 262 \\ 707 &:= 2^3 + 11^2 + 12^0 + 21^0 + 24^2 = 23 + 112 + 120 + 210 + 242 & 707 &:= 2^6 + 2^8 + 19^2 + 21^0 + 25^1 = 26 + 28 + 192 + 210 + 251 \\ 707 &:= 2^3 + 11^2 + 13^0 + 20^0 + 24^2 = 23 + 112 + 130 + 200 + 242 & 707 &:= 3^1 + 4^3 + 14^1 + 24^0 + 25^2 = 31 + 43 + 141 + 240 + 252 \\ 707 &:= 2^3 + 11^2 + 14^0 + 19^0 + 24^2 = 23 + 112 + 140 + 190 + 242 & 707 &:= 3^1 + 8^3 + 13^2 + 22^1 + 24^0 = 31 + 83 + 132 + 221 + 240 \\ 707 &:= 2^3 + 11^2 + 15^0 + 18^0 + 24^2 = 23 + 112 + 150 + 180 + 242 & 707 &:= 3^2 + 10^2 + 12^0 + 21^1 + 24^2 = 32 + 102 + 120 + 211 + 242 \\ 707 &:= 2^3 + 11^2 + 16^0 + 17^0 + 24^2 = 23 + 112 + 160 + 170 + 242 & 707 &:= 3^2 + 12^1 + 18^0 + 18^2 + 19^2 = 32 + 121 + 180 + 182 + 192 \\ 707 &:= 2^3 + 12^0 + 16^2 + 19^0 + 21^2 = 23 + 120 + 162 + 190 + 212 & 707 &:= 3^2 + 14^0 + 14^2 + 17^1 + 22^2 = 32 + 140 + 142 + 171 + 222 \\ 707 &:= 2^3 + 13^0 + 16^2 + 18^0 + 21^2 = 23 + 130 + 162 + 180 + 212 & 707 &:= 3^2 + 3^2 + 12^1 + 26^0 + 26^2 = 32 + 32 + 121 + 260 + 262 \\ 707 &:= 2^3 + 14^0 + 16^2 + 17^0 + 21^2 = 23 + 140 + 162 + 170 + 212 & 707 &:= 3^2 + 7^2 + 12^0 + 23^1 + 25^2 = 32 + 72 + 120 + 231 + 252 \\ 707 &:= 2^3 + 15^0 + 16^0 + 16^2 + 21^2 = 23 + 150 + 160 + 162 + 212 & 707 &:= 3^2 + 8^0 + 12^2 + 23^2 + 24^1 = 32 + 80 + 122 + 232 + 241 \\ 707 &:= 2^3 + 3^1 + 19^1 + 20^0 + 26^2 = 23 + 31 + 191 + 200 + 262 & 707 &:= 3^2 + 8^1 + 17^2 + 20^2 + 22^0 = 32 + 81 + 172 + 202 + 220 \\ 707 &:= 2^3 + 4^0 + 16^2 + 21^2 + 27^0 = 23 + 40 + 162 + 212 + 270 & 707 &:= 3^2 + 8^1 + 8^2 + 25^2 + 26^0 = 32 + 81 + 82 + 252 + 260 \\ 707 &:= 2^3 + 4^1 + 18^1 + 20^0 + 26^2 = 23 + 41 + 181 + 200 + 262 & 707 &:= 4^0 + 11^2 + 11^2 + 21^2 + 23^1 = 40 + 112 + 112 + 212 + 231 \\ 707 &:= 2^3 + 5^0 + 16^2 + 21^2 + 26^0 = 23 + 50 + 162 + 212 + 260 & 707 &:= 4^0 + 5^2 + 16^2 + 20^2 + 25^1 = 40 + 52 + 162 + 202 + 251 \\ 707 &:= 2^3 + 5^1 + 17^1 + 20^0 + 26^2 = 23 + 51 + 171 + 200 + 262 & 707 &:= 4^0 + 5^3 + 16^2 + 18^2 + 27^0 = 40 + 53 + 162 + 182 + 270 \\ 707 &:= 2^3 + 6^0 + 11^2 + 24^2 + 27^0 = 23 + 60 + 112 + 242 + 270 & 707 &:= 4^1 + 4^3 + 13^1 + 24^0 + 25^2 = 41 + 43 + 131 + 240 + 252 \\ 707 &:= 2^3 + 6^0 + 16^2 + 21^2 + 25^0 = 23 + 60 + 162 + 212 + 250 & 707 &:= 4^1 + 6^2 + 15^2 + 21^2 + 24^0 = 41 + 62 + 152 + 212 + 240 \\ 707 &:= 2^3 + 6^1 + 16^1 + 20^0 + 26^2 = 23 + 61 + 161 + 200 + 262 & 707 &:= 4^1 + 7^2 + 13^2 + 22^2 + 24^0 = 41 + 72 + 132 + 222 + 240 \\ 707 &:= 2^3 + 7^0 + 11^2 + 24^2 + 26^0 = 23 + 70 + 112 + 242 + 260 & 707 &:= 4^1 + 8^3 + 13^2 + 21^1 + 24^0 = 41 + 83 + 132 + 211 + 240 \\ 707 &:= 2^3 + 7^0 + 16^2 + 21^2 + 24^0 = 23 + 70 + 162 + 212 + 240 & 707 &:= 4^2 + 10^1 + 14^2 + 20^0 + 22^2 = 42 + 101 + 142 + 200 + 222 \\ 707 &:= 2^3 + 7^1 + 15^1 + 20^0 + 26^2 = 23 + 71 + 151 + 200 + 262 & 707 &:= 4^2 + 10^2 + 14^1 + 18^0 + 24^2 = 42 + 102 + 141 + 180 + 242 \\ 707 &:= 2^3 + 8^0 + 11^2 + 24^2 + 25^0 = 23 + 80 + 112 + 242 + 250 & 707 &:= 4^2 + 12^2 + 14^0 + 17^1 + 23^2 = 42 + 122 + 140 + 171 + 232 \\ 707 &:= 2^3 + 8^0 + 16^2 + 21^2 + 23^0 = 23 + 80 + 162 + 212 + 230 & 707 &:= 4^2 + 4^3 + 10^0 + 25^2 + 27^0 = 42 + 43 + 100 + 252 + 270 \\ 707 &:= 2^3 + 8^1 + 14^1 + 20^0 + 26^2 = 23 + 81 + 141 + 200 + 262 & 707 &:= 4^2 + 4^3 + 11^0 + 25^2 + 26^0 = 42 + 43 + 110 + 252 + 260 \\ 707 &:= 2^3 + 9^0 + 11^2 + 24^0 + 24^2 = 23 + 90 + 112 + 240 + 242 & 707 &:= 4^2 + 4^3 + 12^0 + 25^0 + 25^2 = 42 + 43 + 120 + 250 + 252 \\ 707 &:= 2^3 + 9^0 + 16^2 + 21^2 + 22^0 = 23 + 90 + 162 + 212 + 220 & 707 &:= 4^2 + 4^3 + 13^0 + 24^0 + 25^2 = 42 + 43 + 130 + 240 + 252 \\ 707 &:= 2^3 + 9^1 + 13^1 + 20^0 + 26^2 = 23 + 91 + 131 + 200 + 262 & 707 &:= 4^2 + 4^3 + 14^0 + 23^0 + 25^2 = 42 + 43 + 140 + 230 + 252 \\ 707 &:= 2^4 + 10^0 + 13^1 + 19^0 + 26^2 = 24 + 100 + 131 + 190 + 262 & 707 &:= 4^2 + 4^3 + 15^0 + 22^0 + 25^2 = 42 + 43 + 150 + 220 + 252 \\ 707 &:= 2^4 + 11^0 + 13^1 + 18^0 + 26^2 = 24 + 110 + 131 + 180 + 262 & 707 &:= 4^2 + 4^3 + 16^0 + 21^0 + 25^2 = 42 + 43 + 160 + 210 + 252 \\ 707 &:= 2^4 + 12^0 + 13^1 + 17^0 + 26^2 = 24 + 120 + 131 + 170 + 262 & 707 &:= 4^2 + 4^3 + 17^0 + 20^0 + 25^2 = 42 + 43 + 170 + 200 + 252 \end{aligned}$$

$$\begin{aligned} 707 &:= 4^2 + 4^3 + 18^0 + 19^0 + 25^2 = 42 + 43 + 180 + 190 + 252 & 707 &:= 5^4 + 8^2 + 14^0 + 16^1 + 27^0 = 54 + 82 + 140 + 161 + 270 \\ 707 &:= 4^2 + 5^1 + 18^2 + 19^2 + 24^0 = 42 + 51 + 182 + 192 + 240 & 707 &:= 5^4 + 8^2 + 15^0 + 16^1 + 26^0 = 54 + 82 + 150 + 161 + 260 \\ 707 &:= 4^2 + 6^0 + 15^2 + 21^2 + 24^1 = 42 + 60 + 152 + 212 + 241 & 707 &:= 5^4 + 8^2 + 16^0 + 16^1 + 25^0 = 54 + 82 + 160 + 161 + 250 \\ 707 &:= 4^2 + 7^2 + 16^1 + 18^0 + 25^2 = 42 + 72 + 161 + 180 + 252 & 707 &:= 5^4 + 8^2 + 16^1 + 17^0 + 24^0 = 54 + 82 + 161 + 170 + 240 \\ 707 &:= 4^3 + 5^1 + 12^1 + 24^0 + 25^2 = 43 + 51 + 121 + 240 + 252 & 707 &:= 5^4 + 8^2 + 16^1 + 18^0 + 23^0 = 54 + 82 + 161 + 180 + 230 \\ 707 &:= 4^3 + 6^1 + 11^1 + 24^0 + 25^2 = 43 + 61 + 111 + 240 + 252 & 707 &:= 5^4 + 8^2 + 16^1 + 19^0 + 22^0 = 54 + 82 + 161 + 190 + 220 \\ 707 &:= 4^3 + 7^1 + 10^1 + 24^0 + 25^2 = 43 + 71 + 101 + 240 + 252 & 707 &:= 5^4 + 8^2 + 16^1 + 20^0 + 21^0 = 54 + 82 + 161 + 200 + 210 \\ 707 &:= 4^3 + 8^1 + 9^1 + 24^0 + 25^2 = 43 + 81 + 91 + 240 + 252 & 707 &:= 6^0 + 10^2 + 10^2 + 22^1 + 22^2 = 60 + 102 + 102 + 221 + 222 \\ 707 &:= 4^4 + 8^1 + 10^0 + 21^2 + 27^0 = 44 + 81 + 100 + 212 + 270 & 707 &:= 6^0 + 10^2 + 12^2 + 21^1 + 21^2 = 60 + 102 + 122 + 211 + 212 \\ 707 &:= 4^4 + 8^1 + 11^0 + 21^2 + 26^0 = 44 + 81 + 110 + 212 + 260 & 707 &:= 6^0 + 10^2 + 15^2 + 19^2 + 20^1 = 60 + 102 + 152 + 192 + 201 \\ 707 &:= 4^4 + 8^1 + 12^0 + 21^2 + 25^0 = 44 + 81 + 120 + 212 + 250 & 707 &:= 6^0 + 6^2 + 18^2 + 18^2 + 22^1 = 60 + 62 + 182 + 182 + 221 \\ 707 &:= 4^4 + 8^1 + 13^0 + 21^2 + 24^0 = 44 + 81 + 130 + 212 + 240 & 707 &:= 6^0 + 7^3 + 12^1 + 18^2 + 27^1 = 60 + 73 + 121 + 182 + 271 \\ 707 &:= 4^4 + 8^1 + 14^0 + 21^2 + 23^0 = 44 + 81 + 140 + 212 + 230 & 707 &:= 6^0 + 7^3 + 13^1 + 18^2 + 26^1 = 60 + 73 + 131 + 182 + 261 \\ 707 &:= 4^4 + 8^1 + 15^0 + 21^2 + 22^0 = 44 + 81 + 150 + 212 + 220 & 707 &:= 6^0 + 7^3 + 14^1 + 18^2 + 25^1 = 60 + 73 + 141 + 182 + 251 \\ 707 &:= 4^4 + 8^1 + 16^0 + 21^0 + 21^2 = 44 + 81 + 160 + 210 + 212 & 707 &:= 6^0 + 7^3 + 15^1 + 18^2 + 24^1 = 60 + 73 + 151 + 182 + 241 \\ 707 &:= 4^4 + 8^1 + 17^0 + 20^0 + 21^2 = 44 + 81 + 170 + 200 + 212 & 707 &:= 6^0 + 7^3 + 16^1 + 18^2 + 23^1 = 60 + 73 + 161 + 182 + 231 \\ 707 &:= 4^4 + 8^1 + 18^0 + 19^0 + 21^2 = 44 + 81 + 180 + 190 + 212 & 707 &:= 6^0 + 7^3 + 17^1 + 18^2 + 22^1 = 60 + 73 + 171 + 182 + 221 \\ 707 &:= 5^0 + 5^3 + 16^2 + 18^2 + 26^0 = 50 + 53 + 162 + 182 + 260 & 707 &:= 6^0 + 7^3 + 18^1 + 18^2 + 21^1 = 60 + 73 + 181 + 182 + 211 \\ 707 &:= 5^1 + 11^2 + 16^2 + 18^2 + 20^0 = 51 + 112 + 162 + 182 + 200 & 707 &:= 6^0 + 7^3 + 18^2 + 19^1 + 20^1 = 60 + 73 + 182 + 191 + 201 \\ 707 &:= 5^1 + 12^2 + 14^2 + 19^2 + 20^0 = 51 + 122 + 142 + 192 + 200 & 707 &:= 6^1 + 8^3 + 13^2 + 19^1 + 24^0 = 61 + 83 + 132 + 191 + 240 \\ 707 &:= 5^1 + 5^2 + 10^2 + 24^2 + 26^0 = 51 + 52 + 102 + 242 + 260 & 707 &:= 6^2 + 10^0 + 11^2 + 20^1 + 23^2 = 62 + 100 + 112 + 201 + 232 \\ 707 &:= 5^1 + 8^2 + 14^2 + 21^2 + 22^0 = 51 + 82 + 142 + 212 + 220 & 707 &:= 6^2 + 12^0 + 13^2 + 17^1 + 22^2 = 62 + 120 + 132 + 171 + 222 \\ 707 &:= 5^1 + 8^3 + 13^2 + 20^1 + 24^0 = 51 + 83 + 132 + 201 + 240 & 707 &:= 6^2 + 14^0 + 14^1 + 16^2 + 20^2 = 62 + 140 + 141 + 162 + 202 \\ 707 &:= 5^2 + 14^0 + 15^1 + 15^2 + 21^2 = 52 + 140 + 151 + 152 + 212 & 707 &:= 6^2 + 6^2 + 9^1 + 24^0 + 25^2 = 62 + 62 + 91 + 240 + 252 \\ 707 &:= 5^2 + 6^2 + 14^0 + 20^1 + 25^2 = 52 + 62 + 140 + 201 + 252 & 707 &:= 6^2 + 8^0 + 17^2 + 19^2 + 20^1 = 62 + 80 + 172 + 192 + 201 \\ 707 &:= 5^2 + 7^1 + 7^2 + 25^2 + 26^0 = 52 + 71 + 72 + 252 + 260 & 707 &:= 6^2 + 9^2 + 13^1 + 18^0 + 24^2 = 62 + 92 + 131 + 180 + 242 \\ 707 &:= 5^2 + 8^0 + 9^2 + 24^1 + 24^2 = 52 + 80 + 92 + 241 + 242 & 707 &:= 7^1 + 11^2 + 17^2 + 17^2 + 18^0 = 71 + 112 + 172 + 172 + 180 \\ 707 &:= 5^2 + 8^1 + 12^2 + 22^0 + 23^2 = 52 + 81 + 122 + 220 + 232 & 707 &:= 7^1 + 13^2 + 13^2 + 18^0 + 19^2 = 71 + 132 + 132 + 180 + 192 \\ 707 &:= 5^3 + 10^0 + 16^2 + 18^2 + 21^0 = 53 + 100 + 162 + 182 + 210 & 707 &:= 7^1 + 7^2 + 11^2 + 22^0 + 23^2 = 71 + 72 + 112 + 220 + 232 \\ 707 &:= 5^3 + 11^0 + 16^2 + 18^2 + 20^0 = 53 + 110 + 162 + 182 + 200 & 707 &:= 7^1 + 7^2 + 17^2 + 19^2 + 20^0 = 71 + 72 + 172 + 192 + 200 \\ 707 &:= 5^3 + 12^0 + 16^2 + 18^2 + 19^0 = 53 + 120 + 162 + 182 + 190 & 707 &:= 7^1 + 8^3 + 13^2 + 18^1 + 24^0 = 71 + 83 + 132 + 181 + 240 \\ 707 &:= 5^3 + 13^0 + 16^2 + 18^0 + 18^2 = 53 + 130 + 162 + 180 + 182 & 707 &:= 7^2 + 8^0 + 14^2 + 20^1 + 21^2 = 72 + 80 + 142 + 201 + 212 \\ 707 &:= 5^3 + 14^0 + 16^2 + 17^0 + 18^2 = 53 + 140 + 162 + 170 + 182 & 707 &:= 7^2 + 8^2 + 14^0 + 17^1 + 24^2 = 72 + 82 + 140 + 171 + 242 \\ 707 &:= 5^3 + 15^0 + 16^0 + 16^2 + 18^2 = 53 + 150 + 160 + 162 + 182 & 707 &:= 7^2 + 8^3 + 12^2 + 16^0 + 27^0 = 72 + 83 + 122 + 160 + 270 \\ 707 &:= 5^3 + 6^0 + 16^2 + 18^2 + 25^0 = 53 + 60 + 162 + 182 + 250 & 707 &:= 7^2 + 8^3 + 12^2 + 17^0 + 26^0 = 72 + 83 + 122 + 170 + 260 \\ 707 &:= 5^3 + 7^0 + 16^2 + 18^2 + 24^0 = 53 + 70 + 162 + 182 + 240 & 707 &:= 7^2 + 8^3 + 12^2 + 18^0 + 25^0 = 72 + 83 + 122 + 180 + 250 \\ 707 &:= 5^3 + 8^0 + 16^2 + 18^2 + 23^0 = 53 + 80 + 162 + 182 + 230 & 707 &:= 7^2 + 8^3 + 12^2 + 19^0 + 24^0 = 72 + 83 + 122 + 190 + 240 \\ 707 &:= 5^3 + 9^0 + 16^2 + 18^2 + 22^0 = 53 + 90 + 162 + 182 + 220 & 707 &:= 7^2 + 8^3 + 12^2 + 20^0 + 23^0 = 72 + 83 + 122 + 200 + 230 \end{aligned}$$

$707 := 7^2 + 8^3 + 12^2 + 21^0 + 22^0$	$= 72 + 83 + 122 + 210 + 220$	$707 := 8^0 + 9^2 + 11^2 + 20^1 + 22^2$	$= 80 + 92 + 112 + 201 + 222$
$707 := 7^2 + 9^1 + 18^0 + 18^2 + 18^2$	$= 72 + 91 + 180 + 182 + 182$	$707 := 8^1 + 8^3 + 13^2 + 17^1 + 24^0$	$= 81 + 83 + 132 + 171 + 240$
$707 := 7^3 + 7^3 + 10^0 + 19^1 + 27^0$	$= 73 + 73 + 100 + 191 + 270$	$707 := 8^1 + 9^2 + 16^2 + 18^0 + 19^2$	$= 81 + 92 + 162 + 180 + 192$
$707 := 7^3 + 7^3 + 11^0 + 19^1 + 26^0$	$= 73 + 73 + 110 + 191 + 260$	$707 := 8^2 + 10^0 + 15^2 + 17^1 + 20^2$	$= 82 + 100 + 152 + 171 + 202$
$707 := 7^3 + 7^3 + 12^0 + 19^1 + 25^0$	$= 73 + 73 + 120 + 191 + 250$	$707 := 8^2 + 10^2 + 13^1 + 16^0 + 23^2$	$= 82 + 102 + 131 + 160 + 232$
$707 := 7^3 + 7^3 + 13^0 + 19^1 + 24^0$	$= 73 + 73 + 130 + 191 + 240$	$707 := 8^2 + 12^2 + 14^0 + 14^1 + 22^2$	$= 82 + 122 + 140 + 141 + 222$
$707 := 7^3 + 7^3 + 14^0 + 19^1 + 23^0$	$= 73 + 73 + 140 + 191 + 230$	$707 := 8^3 + 10^1 + 13^2 + 15^1 + 24^0$	$= 83 + 101 + 132 + 151 + 240$
$707 := 7^3 + 7^3 + 15^0 + 19^1 + 22^0$	$= 73 + 73 + 150 + 191 + 220$	$707 := 8^3 + 11^1 + 13^2 + 14^1 + 24^0$	$= 83 + 111 + 132 + 141 + 240$
$707 := 7^3 + 7^3 + 16^0 + 19^1 + 21^0$	$= 73 + 73 + 160 + 191 + 210$	$707 := 8^3 + 12^1 + 13^1 + 13^2 + 24^0$	$= 83 + 121 + 131 + 132 + 240$
$707 := 7^3 + 7^3 + 17^0 + 19^1 + 20^0$	$= 73 + 73 + 170 + 191 + 200$	$707 := 8^3 + 9^1 + 13^2 + 16^1 + 24^0$	$= 83 + 91 + 132 + 161 + 240$
$707 := 7^3 + 7^3 + 18^0 + 19^0 + 19^1$	$= 73 + 73 + 180 + 190 + 191$	$707 := 9^2 + 12^0 + 13^2 + 15^1 + 21^2$	$= 92 + 120 + 132 + 151 + 212$
$707 := 8^0 + 12^2 + 12^2 + 18^1 + 20^2$	$= 80 + 122 + 122 + 181 + 202$	$707 := 9^2 + 12^1 + 14^0 + 17^2 + 18^2$	$= 92 + 121 + 140 + 172 + 182$
$707 := 8^0 + 12^2 + 16^2 + 17^1 + 17^2$	$= 80 + 122 + 162 + 171 + 172$	$707 := 9^2 + 9^2 + 14^0 + 15^1 + 23^2$	$= 92 + 92 + 140 + 151 + 232$
$707 := 8^0 + 13^2 + 14^2 + 17^1 + 18^2$	$= 80 + 132 + 142 + 171 + 182$		

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$708 := 1^0 + 3^4 + 5^4 + 61^0$	$= 10 + 34 + 54 + 610$	$708 := 3^4 + 5^4 + 18^0 + 44^0$	$= 34 + 54 + 180 + 440$
$708 := 1^2 + 3^4 + 25^2 + 41^0$	$= 12 + 34 + 252 + 410$	$708 := 3^4 + 5^4 + 19^0 + 43^0$	$= 34 + 54 + 190 + 430$
$708 := 1^2 + 5^4 + 9^2 + 55^0$	$= 12 + 54 + 92 + 550$	$708 := 3^4 + 5^4 + 20^0 + 42^0$	$= 34 + 54 + 200 + 420$
$708 := 1^3 + 12^2 + 23^2 + 34^1$	$= 13 + 122 + 232 + 341$	$708 := 3^4 + 5^4 + 21^0 + 41^0$	$= 34 + 54 + 210 + 410$
$708 := 1^4 + 9^2 + 25^2 + 35^0$	$= 14 + 92 + 252 + 350$	$708 := 3^4 + 5^4 + 22^0 + 40^0$	$= 34 + 54 + 220 + 400$
$708 := 1^5 + 13^0 + 26^2 + 30^1$	$= 15 + 130 + 262 + 301$	$708 := 3^4 + 5^4 + 23^0 + 39^0$	$= 34 + 54 + 230 + 390$
$708 := 2^0 + 3^4 + 5^4 + 60^0$	$= 20 + 34 + 54 + 600$	$708 := 3^4 + 5^4 + 24^0 + 38^0$	$= 34 + 54 + 240 + 380$
$708 := 2^2 + 8^3 + 12^2 + 48^1$	$= 22 + 83 + 122 + 481$	$708 := 3^4 + 5^4 + 25^0 + 37^0$	$= 34 + 54 + 250 + 370$
$708 := 3^0 + 3^4 + 5^4 + 59^0$	$= 30 + 34 + 54 + 590$	$708 := 3^4 + 5^4 + 26^0 + 36^0$	$= 34 + 54 + 260 + 360$
$708 := 3^3 + 17^2 + 19^2 + 31^1$	$= 33 + 172 + 192 + 311$	$708 := 3^4 + 5^4 + 27^0 + 35^0$	$= 34 + 54 + 270 + 350$
$708 := 3^3 + 5^4 + 7^0 + 55^1$	$= 33 + 54 + 70 + 551$	$708 := 3^4 + 5^4 + 28^0 + 34^0$	$= 34 + 54 + 280 + 340$
$708 := 3^4 + 4^0 + 5^4 + 58^0$	$= 34 + 40 + 54 + 580$	$708 := 3^4 + 5^4 + 29^0 + 33^0$	$= 34 + 54 + 290 + 330$
$708 := 3^4 + 5^0 + 5^4 + 57^0$	$= 34 + 50 + 54 + 570$	$708 := 3^4 + 5^4 + 30^0 + 32^0$	$= 34 + 54 + 300 + 320$
$708 := 3^4 + 5^4 + 10^0 + 52^0$	$= 34 + 54 + 100 + 520$	$708 := 3^4 + 5^4 + 31^0 + 31^0$	$= 34 + 54 + 310 + 310$
$708 := 3^4 + 5^4 + 11^0 + 51^0$	$= 34 + 54 + 110 + 510$	$708 := 3^4 + 5^4 + 6^0 + 56^0$	$= 34 + 54 + 60 + 560$
$708 := 3^4 + 5^4 + 12^0 + 50^0$	$= 34 + 54 + 120 + 500$	$708 := 3^4 + 5^4 + 7^0 + 55^0$	$= 34 + 54 + 70 + 550$
$708 := 3^4 + 5^4 + 13^0 + 49^0$	$= 34 + 54 + 130 + 490$	$708 := 3^4 + 5^4 + 8^0 + 54^0$	$= 34 + 54 + 80 + 540$
$708 := 3^4 + 5^4 + 14^0 + 48^0$	$= 34 + 54 + 140 + 480$	$708 := 3^4 + 5^4 + 9^0 + 53^0$	$= 34 + 54 + 90 + 530$
$708 := 3^4 + 5^4 + 15^0 + 47^0$	$= 34 + 54 + 150 + 470$	$708 := 3^5 + 21^2 + 23^0 + 23^1$	$= 35 + 212 + 230 + 231$
$708 := 3^4 + 5^4 + 16^0 + 46^0$	$= 34 + 54 + 160 + 460$	$708 := 4^2 + 5^3 + 23^2 + 38^1$	$= 42 + 53 + 232 + 381$
$708 := 3^4 + 5^4 + 17^0 + 45^0$	$= 34 + 54 + 170 + 450$	$708 := 4^3 + 17^2 + 18^2 + 31^1$	$= 43 + 172 + 182 + 311$

$$\begin{array}{ll}
 708 := 4^3 + 5^4 + 18^1 + 43^0 & = 43 + 54 + 181 + 430 \\
 708 := 4^3 + 9^2 + 23^2 + 34^1 & = 43 + 92 + 232 + 341 \\
 708 := 5^3 + 8^2 + 22^2 + 35^1 & = 53 + 82 + 222 + 351 \\
 708 := 6^2 + 7^3 + 17^2 + 40^1 & = 62 + 73 + 172 + 401 \\
 708 := 6^3 + 13^2 + 17^2 + 34^1 & = 63 + 132 + 172 + 341 \\
 708 := 1^0 + 3^5 + 21^2 + 22^1 + 23^0 & = 10 + 35 + 212 + 221 + 230 \\
 708 := 1^1 + 13^2 + 15^2 + 17^2 + 24^1 & = 11 + 132 + 152 + 172 + 241 \\
 708 := 1^1 + 2^4 + 14^1 + 26^2 + 27^0 & = 11 + 24 + 141 + 262 + 270 \\
 708 := 1^1 + 8^2 + 16^2 + 19^2 + 26^1 & = 11 + 82 + 162 + 192 + 261 \\
 708 := 1^2 + 10^1 + 12^2 + 23^2 + 24^1 & = 12 + 101 + 122 + 232 + 241 \\
 708 := 1^2 + 11^1 + 12^2 + 23^1 + 23^2 & = 12 + 111 + 122 + 231 + 232 \\
 708 := 1^2 + 11^2 + 12^2 + 21^2 + 25^0 & = 12 + 112 + 122 + 212 + 250 \\
 708 := 1^2 + 12^1 + 12^2 + 22^1 + 23^2 & = 12 + 121 + 122 + 221 + 232 \\
 708 := 1^2 + 12^2 + 13^1 + 21^1 + 23^2 & = 12 + 122 + 131 + 211 + 232 \\
 708 := 1^2 + 12^2 + 14^1 + 20^1 + 23^2 & = 12 + 122 + 141 + 201 + 232 \\
 708 := 1^2 + 12^2 + 15^1 + 19^1 + 23^2 & = 12 + 122 + 151 + 191 + 232 \\
 708 := 1^2 + 12^2 + 16^1 + 18^1 + 23^2 & = 12 + 122 + 161 + 181 + 232 \\
 708 := 1^2 + 12^2 + 17^1 + 17^1 + 23^2 & = 12 + 122 + 171 + 171 + 232 \\
 708 := 1^2 + 15^2 + 15^2 + 16^2 + 23^0 & = 12 + 152 + 152 + 162 + 230 \\
 708 := 1^2 + 2^3 + 19^0 + 22^1 + 26^2 & = 12 + 23 + 190 + 221 + 262 \\
 708 := 1^2 + 4^3 + 17^1 + 23^0 + 25^2 & = 12 + 43 + 171 + 230 + 252 \\
 708 := 1^2 + 7^1 + 12^2 + 23^2 + 27^1 & = 12 + 71 + 122 + 232 + 271 \\
 708 := 1^2 + 8^1 + 12^2 + 23^2 + 26^1 & = 12 + 81 + 122 + 232 + 261 \\
 708 := 1^2 + 8^3 + 13^2 + 23^0 + 25^1 & = 12 + 83 + 132 + 230 + 251 \\
 708 := 1^2 + 9^1 + 12^2 + 23^2 + 25^1 & = 12 + 91 + 122 + 232 + 251 \\
 708 := 1^2 + 9^2 + 15^2 + 20^2 + 25^0 & = 12 + 92 + 152 + 202 + 250 \\
 708 := 1^3 + 11^0 + 18^2 + 19^2 + 21^1 & = 13 + 110 + 182 + 192 + 211 \\
 708 := 1^3 + 15^0 + 17^1 + 17^2 + 20^2 & = 13 + 150 + 171 + 172 + 202 \\
 708 := 1^3 + 2^2 + 15^0 + 26^1 + 26^2 & = 13 + 22 + 150 + 261 + 262 \\
 708 := 1^3 + 3^2 + 19^0 + 21^1 + 26^2 & = 13 + 32 + 190 + 211 + 262 \\
 708 := 1^3 + 4^2 + 14^1 + 25^0 + 26^2 & = 13 + 42 + 141 + 250 + 262 \\
 708 := 1^3 + 7^0 + 14^2 + 22^2 + 26^1 & = 13 + 70 + 142 + 222 + 261 \\
 708 := 1^3 + 8^1 + 13^2 + 23^2 + 25^0 & = 13 + 81 + 132 + 232 + 250 \\
 708 := 1^3 + 8^2 + 17^1 + 19^0 + 25^2 & = 13 + 82 + 171 + 190 + 252 \\
 708 := 1^3 + 9^1 + 11^2 + 24^2 + 25^0 & = 13 + 91 + 112 + 242 + 250 \\
 708 := 1^3 + 9^1 + 16^2 + 21^2 + 23^0 & = 13 + 91 + 162 + 212 + 230 \\
 708 := 1^4 + 10^1 + 13^0 + 20^1 + 26^2 & = 14 + 101 + 130 + 201 + 262 \\
 708 := 1^4 + 11^1 + 13^0 + 19^1 + 26^2 & = 14 + 111 + 130 + 191 + 262 \\
 708 := 1^4 + 12^1 + 13^0 + 18^1 + 26^2 & = 14 + 121 + 130 + 181 + 262 \\
 708 := 1^4 + 13^0 + 13^1 + 17^1 + 26^2 & = 14 + 130 + 131 + 171 + 262 \\
 708 := 1^4 + 13^0 + 14^1 + 16^1 + 26^2 & = 14 + 130 + 141 + 161 + 262 \\
 708 := 1^4 + 13^0 + 15^1 + 15^1 + 26^2 & = 14 + 130 + 151 + 151 + 262 \\
 708 := 1^4 + 3^1 + 13^0 + 26^2 + 27^1 & = 14 + 31 + 130 + 262 + 271 \\
 708 := 1^4 + 4^1 + 13^0 + 26^1 + 26^2 & = 14 + 41 + 130 + 261 + 262 \\
 708 := 1^4 + 5^1 + 13^0 + 25^1 + 26^2 & = 14 + 51 + 130 + 251 + 262 \\
 708 := 1^4 + 6^1 + 13^0 + 24^1 + 26^2 & = 14 + 61 + 130 + 241 + 262 \\
 708 := 1^4 + 7^1 + 13^0 + 23^1 + 26^2 & = 14 + 71 + 130 + 231 + 262 \\
 708 := 1^4 + 8^1 + 13^0 + 22^1 + 26^2 & = 14 + 81 + 130 + 221 + 262 \\
 708 := 1^4 + 9^1 + 13^0 + 21^1 + 26^2 & = 14 + 91 + 130 + 211 + 262 \\
 708 := 1^9 + 2^6 + 17^1 + 24^0 + 25^2 & = 19 + 26 + 171 + 240 + 252 \\
 708 := 10^1 + 13^2 + 15^1 + 15^2 + 17^2 & = 101 + 132 + 151 + 152 + 172 \\
 708 := 11^1 + 13^2 + 14^1 + 15^2 + 17^2 & = 111 + 132 + 141 + 152 + 172 \\
 708 := 12^1 + 13^1 + 13^2 + 15^2 + 17^2 & = 121 + 131 + 132 + 152 + 172 \\
 708 := 12^2 + 13^2 + 13^2 + 15^2 + 17^0 & = 122 + 132 + 132 + 152 + 170 \\
 708 := 2^0 + 3^5 + 21^2 + 22^0 + 22^1 & = 20 + 35 + 212 + 220 + 221 \\
 708 := 2^1 + 13^2 + 15^2 + 17^2 + 23^1 & = 21 + 132 + 152 + 172 + 231 \\
 708 := 2^1 + 2^4 + 13^1 + 26^2 + 27^0 & = 21 + 24 + 131 + 262 + 270 \\
 708 := 2^1 + 8^2 + 16^2 + 19^2 + 25^1 & = 21 + 82 + 162 + 192 + 251 \\
 708 := 2^2 + 2^3 + 19^1 + 21^0 + 26^2 & = 22 + 23 + 191 + 210 + 262 \\
 708 := 2^2 + 4^3 + 14^1 + 25^0 + 25^2 & = 22 + 43 + 141 + 250 + 252 \\
 708 := 2^2 + 8^3 + 13^2 + 22^1 + 25^0 & = 22 + 83 + 132 + 221 + 250 \\
 708 := 2^3 + 10^1 + 17^2 + 20^2 + 21^0 & = 23 + 101 + 172 + 202 + 210 \\
 708 := 2^3 + 10^2 + 11^0 + 23^1 + 24^2 & = 23 + 102 + 110 + 231 + 242 \\
 708 := 2^3 + 13^0 + 14^2 + 19^1 + 22^2 & = 23 + 130 + 142 + 191 + 222 \\
 708 := 2^3 + 14^1 + 17^0 + 18^2 + 19^2 & = 23 + 141 + 170 + 182 + 192 \\
 708 := 2^3 + 3^2 + 14^1 + 25^0 + 26^2 & = 23 + 32 + 141 + 250 + 262 \\
 708 := 2^3 + 7^0 + 12^2 + 23^2 + 26^1 & = 23 + 70 + 122 + 232 + 261 \\
 708 := 2^3 + 7^2 + 11^0 + 25^1 + 25^2 & = 23 + 72 + 110 + 251 + 252 \\
 708 := 2^3 + 8^2 + 10^1 + 25^0 + 25^2 & = 23 + 82 + 101 + 250 + 252 \\
 708 := 2^4 + 3^1 + 12^1 + 26^2 + 27^0 & = 24 + 31 + 121 + 262 + 270 \\
 708 := 2^4 + 4^1 + 11^1 + 26^2 + 27^0 & = 24 + 41 + 111 + 262 + 270 \\
 708 := 2^4 + 5^1 + 10^1 + 26^2 + 27^0 & = 24 + 51 + 101 + 262 + 270 \\
 708 := 2^4 + 6^1 + 9^1 + 26^2 + 27^0 & = 24 + 61 + 91 + 262 + 270 \\
 708 := 2^4 + 7^1 + 8^1 + 26^2 + 27^0 & = 24 + 71 + 81 + 262 + 270 \\
 708 := 3^0 + 3^5 + 21^0 + 21^2 + 22^1 & = 30 + 35 + 210 + 212 + 221 \\
 708 := 3^1 + 13^2 + 15^2 + 17^2 + 22^1 & = 31 + 132 + 152 + 172 + 221
 \end{array}$$

$$\begin{aligned} 708 &:= 3^1 + 5^2 + 13^2 + 22^2 + 27^1 = 31 + 52 + 132 + 222 + 271 & 708 &:= 3^4 + 7^2 + 9^0 + 24^2 + 27^0 = 34 + 72 + 90 + 242 + 270 \\ 708 &:= 3^1 + 7^2 + 10^2 + 23^2 + 27^1 = 31 + 72 + 102 + 232 + 271 & 708 &:= 3^4 + 8^0 + 15^2 + 20^2 + 24^0 = 34 + 80 + 152 + 202 + 240 \\ 708 &:= 3^1 + 8^2 + 16^2 + 19^2 + 24^1 = 31 + 82 + 162 + 192 + 241 & 708 &:= 3^4 + 9^0 + 15^2 + 20^2 + 23^0 = 34 + 90 + 152 + 202 + 230 \\ 708 &:= 3^2 + 3^2 + 17^2 + 20^2 + 27^0 = 32 + 32 + 172 + 202 + 270 & 708 &:= 3^5 + 10^0 + 14^0 + 21^2 + 22^1 = 35 + 100 + 140 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 15^0 + 21^2 + 27^0 = 32 + 44 + 150 + 212 + 270 & 708 &:= 3^5 + 11^0 + 13^0 + 21^2 + 22^1 = 35 + 110 + 130 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 16^0 + 21^2 + 26^0 = 32 + 44 + 160 + 212 + 260 & 708 &:= 3^5 + 12^0 + 12^0 + 21^2 + 22^1 = 35 + 120 + 120 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 17^0 + 21^2 + 25^0 = 32 + 44 + 170 + 212 + 250 & 708 &:= 3^5 + 4^0 + 20^0 + 21^2 + 22^1 = 35 + 40 + 200 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 18^0 + 21^2 + 24^0 = 32 + 44 + 180 + 212 + 240 & 708 &:= 3^5 + 5^0 + 19^0 + 21^2 + 22^1 = 35 + 50 + 190 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 19^0 + 21^2 + 23^0 = 32 + 44 + 190 + 212 + 230 & 708 &:= 3^5 + 6^0 + 18^0 + 21^2 + 22^1 = 35 + 60 + 180 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 20^0 + 21^2 + 22^0 = 32 + 44 + 200 + 212 + 220 & 708 &:= 3^5 + 7^0 + 17^0 + 21^2 + 22^1 = 35 + 70 + 170 + 212 + 221 \\ 708 &:= 3^2 + 4^4 + 21^0 + 21^0 + 21^2 = 32 + 44 + 210 + 210 + 212 & 708 &:= 3^5 + 8^0 + 16^0 + 21^2 + 22^1 = 35 + 80 + 160 + 212 + 221 \\ 708 &:= 3^2 + 5^2 + 12^2 + 23^2 + 27^0 = 32 + 52 + 122 + 232 + 270 & 708 &:= 3^5 + 9^0 + 15^0 + 21^2 + 22^1 = 35 + 90 + 150 + 212 + 221 \\ 708 &:= 3^2 + 9^2 + 16^2 + 19^2 + 23^0 = 32 + 92 + 162 + 192 + 230 & 708 &:= 4^1 + 13^2 + 15^2 + 17^2 + 21^1 = 41 + 132 + 152 + 172 + 211 \\ 708 &:= 3^3 + 14^1 + 15^2 + 17^0 + 21^2 = 33 + 141 + 152 + 170 + 212 & 708 &:= 4^1 + 5^2 + 13^2 + 22^2 + 26^1 = 41 + 52 + 132 + 222 + 261 \\ 708 &:= 3^3 + 5^0 + 13^2 + 22^2 + 27^1 = 33 + 50 + 132 + 222 + 271 & 708 &:= 4^1 + 5^3 + 17^2 + 17^2 + 27^0 = 41 + 53 + 172 + 172 + 270 \\ 708 &:= 3^3 + 6^2 + 17^0 + 19^1 + 25^2 = 33 + 62 + 170 + 191 + 252 & 708 &:= 4^1 + 7^2 + 10^2 + 23^2 + 26^1 = 41 + 72 + 102 + 232 + 261 \\ 708 &:= 3^3 + 7^0 + 16^2 + 20^2 + 24^1 = 33 + 70 + 162 + 202 + 241 & 708 &:= 4^1 + 8^2 + 16^2 + 19^2 + 23^1 = 41 + 82 + 162 + 192 + 231 \\ 708 &:= 3^3 + 7^1 + 12^2 + 23^2 + 25^0 = 33 + 71 + 122 + 232 + 250 & 708 &:= 4^2 + 5^2 + 15^2 + 21^2 + 25^0 = 42 + 52 + 152 + 212 + 250 \\ 708 &:= 3^3 + 9^2 + 11^0 + 23^1 + 24^2 = 33 + 92 + 110 + 231 + 242 & 708 &:= 4^2 + 7^3 + 17^0 + 18^2 + 24^1 = 42 + 73 + 170 + 182 + 241 \\ 708 &:= 3^4 + 10^0 + 15^2 + 20^2 + 22^0 = 34 + 100 + 152 + 202 + 220 & 708 &:= 4^2 + 9^2 + 13^2 + 21^2 + 23^0 = 42 + 92 + 132 + 212 + 230 \\ 708 &:= 3^4 + 11^0 + 15^2 + 20^2 + 21^0 = 34 + 110 + 152 + 202 + 210 & 708 &:= 4^2 + 9^2 + 9^2 + 23^2 + 25^0 = 42 + 92 + 92 + 232 + 250 \\ 708 &:= 3^4 + 12^0 + 15^2 + 20^0 + 20^2 = 34 + 120 + 152 + 200 + 202 & 708 &:= 4^3 + 10^2 + 14^1 + 19^0 + 23^2 = 43 + 102 + 141 + 190 + 232 \\ 708 &:= 3^4 + 13^0 + 15^2 + 19^0 + 20^2 = 34 + 130 + 152 + 190 + 202 & 708 &:= 4^3 + 12^2 + 15^1 + 17^0 + 22^2 = 43 + 122 + 151 + 170 + 222 \\ 708 &:= 3^4 + 14^0 + 15^2 + 18^0 + 20^2 = 34 + 140 + 152 + 180 + 202 & 708 &:= 4^3 + 13^0 + 15^2 + 18^1 + 20^2 = 43 + 130 + 152 + 181 + 202 \\ 708 &:= 3^4 + 15^0 + 15^2 + 17^0 + 20^2 = 34 + 150 + 152 + 170 + 202 & 708 &:= 4^3 + 5^0 + 16^2 + 19^2 + 26^1 = 43 + 50 + 162 + 192 + 261 \\ 708 &:= 3^4 + 15^2 + 16^0 + 16^0 + 20^2 = 34 + 152 + 160 + 160 + 202 & 708 &:= 4^3 + 5^4 + 17^0 + 17^1 + 27^0 = 43 + 54 + 170 + 171 + 270 \\ 708 &:= 3^4 + 5^0 + 15^2 + 20^2 + 27^0 = 34 + 50 + 152 + 202 + 270 & 708 &:= 4^3 + 5^4 + 17^1 + 18^0 + 26^0 = 43 + 54 + 171 + 180 + 260 \\ 708 &:= 3^4 + 6^0 + 15^2 + 20^2 + 26^0 = 34 + 60 + 152 + 202 + 260 & 708 &:= 4^3 + 5^4 + 17^1 + 19^0 + 25^0 = 43 + 54 + 171 + 190 + 250 \\ 708 &:= 3^4 + 7^0 + 15^2 + 20^2 + 25^0 = 34 + 70 + 152 + 202 + 250 & 708 &:= 4^3 + 5^4 + 17^1 + 20^0 + 24^0 = 43 + 54 + 171 + 200 + 240 \\ 708 &:= 3^4 + 7^2 + 10^0 + 24^2 + 26^0 = 34 + 72 + 100 + 242 + 260 & 708 &:= 4^3 + 5^4 + 17^1 + 21^0 + 23^0 = 43 + 54 + 171 + 210 + 230 \\ 708 &:= 3^4 + 7^2 + 11^0 + 24^2 + 25^0 = 34 + 72 + 110 + 242 + 250 & 708 &:= 4^3 + 5^4 + 17^1 + 22^0 + 22^0 = 43 + 54 + 171 + 220 + 220 \\ 708 &:= 3^4 + 7^2 + 12^0 + 24^0 + 24^2 = 34 + 72 + 120 + 240 + 242 & 708 &:= 4^3 + 6^1 + 14^2 + 21^2 + 25^0 = 43 + 61 + 142 + 212 + 250 \\ 708 &:= 3^4 + 7^2 + 13^0 + 23^0 + 24^2 = 34 + 72 + 130 + 230 + 242 & 708 &:= 4^3 + 7^2 + 17^0 + 18^1 + 24^2 = 43 + 72 + 170 + 181 + 242 \\ 708 &:= 3^4 + 7^2 + 14^0 + 22^0 + 24^2 = 34 + 72 + 140 + 220 + 242 & 708 &:= 4^4 + 10^0 + 15^2 + 15^2 + 26^0 = 44 + 100 + 152 + 152 + 260 \\ 708 &:= 3^4 + 7^2 + 15^0 + 21^0 + 24^2 = 34 + 72 + 150 + 210 + 242 & 708 &:= 4^4 + 11^0 + 15^2 + 15^2 + 25^0 = 44 + 110 + 152 + 152 + 250 \\ 708 &:= 3^4 + 7^2 + 16^0 + 20^0 + 24^2 = 34 + 72 + 160 + 200 + 242 & 708 &:= 4^4 + 12^0 + 15^2 + 15^2 + 24^0 = 44 + 120 + 152 + 152 + 240 \\ 708 &:= 3^4 + 7^2 + 17^0 + 19^0 + 24^2 = 34 + 72 + 170 + 190 + 242 & 708 &:= 4^4 + 13^0 + 15^2 + 15^2 + 23^0 = 44 + 130 + 152 + 152 + 230 \\ 708 &:= 3^4 + 7^2 + 18^0 + 18^0 + 24^2 = 34 + 72 + 180 + 180 + 242 & 708 &:= 4^4 + 14^0 + 15^2 + 15^2 + 22^0 = 44 + 140 + 152 + 152 + 220 \end{aligned}$$

$$\begin{aligned} 708 &:= 4^4 + 15^0 + 15^2 + 15^2 + 21^0 = 44 + 150 + 152 + 152 + 210 & 708 &:= 5^4 + 7^2 + 12^1 + 21^1 + 25^0 = 54 + 72 + 121 + 211 + 250 \\ 708 &:= 4^4 + 15^2 + 15^2 + 16^0 + 20^0 = 44 + 152 + 152 + 160 + 200 & 708 &:= 5^4 + 7^2 + 13^1 + 20^1 + 25^0 = 54 + 72 + 131 + 201 + 250 \\ 708 &:= 4^4 + 15^2 + 15^2 + 17^0 + 19^0 = 44 + 152 + 152 + 170 + 190 & 708 &:= 5^4 + 7^2 + 14^1 + 19^1 + 25^0 = 54 + 72 + 141 + 191 + 250 \\ 708 &:= 4^4 + 15^2 + 15^2 + 18^0 + 18^0 = 44 + 152 + 152 + 180 + 180 & 708 &:= 5^4 + 7^2 + 15^1 + 18^1 + 25^0 = 54 + 72 + 151 + 181 + 250 \\ 708 &:= 4^4 + 9^0 + 15^2 + 15^2 + 27^0 = 44 + 90 + 152 + 152 + 270 & 708 &:= 5^4 + 7^2 + 16^1 + 17^1 + 25^0 = 54 + 72 + 161 + 171 + 250 \\ 708 &:= 5^1 + 13^2 + 15^2 + 17^2 + 20^1 = 51 + 132 + 152 + 172 + 201 & 708 &:= 5^4 + 7^2 + 8^1 + 25^0 + 25^1 = 54 + 72 + 81 + 250 + 251 \\ 708 &:= 5^1 + 5^2 + 13^2 + 22^2 + 25^1 = 51 + 52 + 132 + 222 + 251 & 708 &:= 5^4 + 7^2 + 9^1 + 24^1 + 25^0 = 54 + 72 + 91 + 241 + 250 \\ 708 &:= 5^1 + 6^2 + 8^2 + 24^2 + 27^1 = 51 + 62 + 82 + 242 + 271 & 708 &:= 6^1 + 13^2 + 15^2 + 17^2 + 19^1 = 61 + 132 + 152 + 172 + 191 \\ 708 &:= 5^1 + 7^2 + 10^2 + 23^2 + 25^1 = 51 + 72 + 102 + 232 + 251 & 708 &:= 6^1 + 6^2 + 8^2 + 24^2 + 26^1 = 61 + 62 + 82 + 242 + 261 \\ 708 &:= 5^1 + 8^2 + 16^2 + 19^2 + 22^1 = 51 + 82 + 162 + 192 + 221 & 708 &:= 6^1 + 6^3 + 14^2 + 17^2 + 27^0 = 61 + 63 + 142 + 172 + 270 \\ 708 &:= 5^2 + 10^1 + 13^2 + 20^1 + 22^2 = 52 + 101 + 132 + 201 + 222 & 708 &:= 6^1 + 7^2 + 10^2 + 23^2 + 24^1 = 61 + 72 + 102 + 232 + 241 \\ 708 &:= 5^2 + 11^1 + 13^2 + 19^1 + 22^2 = 52 + 111 + 132 + 191 + 222 & 708 &:= 6^1 + 8^2 + 16^2 + 19^2 + 21^1 = 61 + 82 + 162 + 192 + 211 \\ 708 &:= 5^2 + 12^1 + 13^2 + 18^1 + 22^2 = 52 + 121 + 132 + 181 + 222 & 708 &:= 6^2 + 6^3 + 14^1 + 21^2 + 23^0 = 62 + 63 + 141 + 212 + 230 \\ 708 &:= 5^2 + 13^1 + 13^2 + 17^1 + 22^2 = 52 + 131 + 132 + 171 + 222 & 708 &:= 6^2 + 7^1 + 8^2 + 24^2 + 25^1 = 62 + 71 + 82 + 242 + 251 \\ 708 &:= 5^2 + 13^2 + 14^1 + 16^1 + 22^2 = 52 + 132 + 141 + 161 + 222 & 708 &:= 6^2 + 8^1 + 8^2 + 24^1 + 24^2 = 62 + 81 + 82 + 241 + 242 \\ 708 &:= 5^2 + 13^2 + 15^1 + 15^1 + 22^2 = 52 + 132 + 151 + 151 + 222 & 708 &:= 6^2 + 8^2 + 10^1 + 22^1 + 24^2 = 62 + 82 + 101 + 221 + 242 \\ 708 &:= 5^2 + 5^2 + 9^2 + 24^2 + 27^0 = 52 + 52 + 92 + 242 + 270 & 708 &:= 6^2 + 8^2 + 11^1 + 21^1 + 24^2 = 62 + 82 + 111 + 211 + 242 \\ 708 &:= 5^2 + 6^1 + 13^2 + 22^2 + 24^1 = 52 + 61 + 132 + 222 + 241 & 708 &:= 6^2 + 8^2 + 12^1 + 20^1 + 24^2 = 62 + 82 + 121 + 201 + 242 \\ 708 &:= 5^2 + 6^3 + 13^0 + 21^2 + 25^1 = 52 + 63 + 130 + 212 + 251 & 708 &:= 6^2 + 8^2 + 13^1 + 19^1 + 24^2 = 62 + 82 + 131 + 191 + 242 \\ 708 &:= 5^2 + 7^1 + 13^2 + 22^2 + 23^1 = 52 + 71 + 132 + 222 + 231 & 708 &:= 6^2 + 8^2 + 14^1 + 18^1 + 24^2 = 62 + 82 + 141 + 181 + 242 \\ 708 &:= 5^2 + 7^3 + 15^1 + 18^2 + 25^0 = 52 + 73 + 151 + 182 + 250 & 708 &:= 6^2 + 8^2 + 15^1 + 17^1 + 24^2 = 62 + 82 + 151 + 171 + 242 \\ 708 &:= 5^2 + 8^1 + 13^2 + 22^1 + 22^2 = 52 + 81 + 132 + 221 + 222 & 708 &:= 6^2 + 8^2 + 16^1 + 16^1 + 24^2 = 62 + 82 + 161 + 161 + 242 \\ 708 &:= 5^2 + 8^3 + 12^2 + 19^0 + 26^1 = 52 + 83 + 122 + 190 + 261 & 708 &:= 6^2 + 8^2 + 9^1 + 23^1 + 24^2 = 62 + 82 + 91 + 231 + 242 \\ 708 &:= 5^2 + 9^1 + 13^2 + 21^1 + 22^2 = 52 + 91 + 132 + 211 + 222 & 708 &:= 6^3 + 10^1 + 15^2 + 16^2 + 23^0 = 63 + 101 + 152 + 162 + 230 \\ 708 &:= 5^3 + 11^2 + 13^0 + 20^1 + 21^2 = 53 + 112 + 130 + 201 + 212 & 708 &:= 6^3 + 11^0 + 12^2 + 18^2 + 23^1 = 63 + 110 + 122 + 182 + 231 \\ 708 &:= 5^3 + 13^1 + 13^2 + 19^0 + 20^2 = 53 + 131 + 132 + 190 + 202 & 708 &:= 6^3 + 8^2 + 9^0 + 20^2 + 27^1 = 63 + 82 + 90 + 202 + 271 \\ 708 &:= 5^3 + 6^2 + 17^1 + 19^0 + 23^2 = 53 + 62 + 171 + 190 + 232 & 708 &:= 6^3 + 9^1 + 11^2 + 19^2 + 25^0 = 63 + 91 + 112 + 192 + 250 \\ 708 &:= 5^3 + 7^0 + 14^2 + 19^2 + 25^1 = 53 + 70 + 142 + 192 + 251 & 708 &:= 6^3 + 9^2 + 10^1 + 20^2 + 25^0 = 63 + 92 + 101 + 202 + 250 \\ 708 &:= 5^3 + 9^2 + 17^0 + 17^1 + 22^2 = 53 + 92 + 170 + 171 + 222 & 708 &:= 7^1 + 13^2 + 15^2 + 17^2 + 18^1 = 71 + 132 + 152 + 172 + 181 \\ 708 &:= 5^4 + 6^1 + 7^2 + 25^0 + 27^1 = 54 + 61 + 72 + 250 + 271 & 708 &:= 7^1 + 7^2 + 10^2 + 23^1 + 23^2 = 71 + 72 + 102 + 231 + 232 \\ 708 &:= 5^4 + 6^2 + 13^0 + 19^1 + 27^1 = 54 + 62 + 130 + 191 + 271 & 708 &:= 7^1 + 8^2 + 16^2 + 19^2 + 20^1 = 71 + 82 + 162 + 192 + 201 \\ 708 &:= 5^4 + 6^2 + 13^0 + 20^1 + 26^1 = 54 + 62 + 130 + 201 + 261 & 708 &:= 7^2 + 10^1 + 10^2 + 20^1 + 23^2 = 72 + 101 + 102 + 201 + 232 \\ 708 &:= 5^4 + 6^2 + 13^0 + 21^1 + 25^1 = 54 + 62 + 130 + 211 + 251 & 708 &:= 7^2 + 10^2 + 11^1 + 19^1 + 23^2 = 72 + 102 + 111 + 191 + 232 \\ 708 &:= 5^4 + 6^2 + 13^0 + 22^1 + 24^1 = 54 + 62 + 130 + 221 + 241 & 708 &:= 7^2 + 10^2 + 12^1 + 18^1 + 23^2 = 72 + 102 + 121 + 181 + 232 \\ 708 &:= 5^4 + 6^2 + 13^0 + 23^1 + 23^1 = 54 + 62 + 130 + 231 + 231 & 708 &:= 7^2 + 10^2 + 13^1 + 17^1 + 23^2 = 72 + 102 + 131 + 171 + 232 \\ 708 &:= 5^4 + 7^1 + 7^2 + 25^0 + 26^1 = 54 + 71 + 72 + 250 + 261 & 708 &:= 7^2 + 10^2 + 14^1 + 16^1 + 23^2 = 72 + 102 + 141 + 161 + 232 \\ 708 &:= 5^4 + 7^2 + 10^1 + 23^1 + 25^0 = 54 + 72 + 101 + 231 + 250 & 708 &:= 7^2 + 10^2 + 15^1 + 15^1 + 23^2 = 72 + 102 + 151 + 151 + 232 \\ 708 &:= 5^4 + 7^2 + 11^1 + 22^1 + 25^0 = 54 + 72 + 111 + 221 + 250 & 708 &:= 7^2 + 12^2 + 15^2 + 17^2 + 19^0 = 72 + 122 + 152 + 172 + 190 \end{aligned}$$

$$\begin{aligned}
 708 &:= 7^2 + 7^3 + 13^0 + 17^2 + 26^1 = 72 + 73 + 130 + 172 + 261 & 708 &:= 8^2 + 10^1 + 16^2 + 17^1 + 19^2 = 82 + 101 + 162 + 171 + 192 \\
 708 &:= 7^2 + 8^1 + 10^2 + 22^1 + 23^2 = 72 + 81 + 102 + 221 + 232 & 708 &:= 8^2 + 11^1 + 16^1 + 16^2 + 19^2 = 82 + 111 + 161 + 162 + 192 \\
 708 &:= 7^2 + 8^3 + 11^2 + 19^0 + 25^1 = 72 + 83 + 112 + 190 + 251 & 708 &:= 8^2 + 12^1 + 15^1 + 16^2 + 19^2 = 82 + 121 + 151 + 162 + 192 \\
 708 &:= 7^2 + 9^1 + 10^2 + 21^1 + 23^2 = 72 + 91 + 102 + 211 + 232 & 708 &:= 8^2 + 13^1 + 14^1 + 16^2 + 19^2 = 82 + 131 + 141 + 162 + 192 \\
 708 &:= 7^3 + 11^0 + 13^2 + 13^2 + 26^1 = 73 + 110 + 132 + 132 + 261 & 708 &:= 8^2 + 9^1 + 16^2 + 18^1 + 19^2 = 82 + 91 + 162 + 181 + 192 \\
 708 &:= 7^3 + 11^2 + 15^2 + 18^1 + 19^0 = 73 + 112 + 152 + 181 + 190 & 708 &:= 8^2 + 9^2 + 11^2 + 21^0 + 21^2 = 82 + 92 + 112 + 210 + 212 \\
 708 &:= 7^3 + 12^2 + 13^0 + 14^2 + 24^1 = 73 + 122 + 130 + 142 + 241 & 708 &:= 9^1 + 13^2 + 15^2 + 16^1 + 17^2 = 91 + 132 + 152 + 161 + 172 \\
 708 &:= 7^3 + 8^2 + 11^1 + 17^2 + 27^0 = 73 + 82 + 111 + 172 + 270 & 708 &:= 9^2 + 11^2 + 12^2 + 19^0 + 19^2 = 92 + 112 + 122 + 190 + 192 \\
 708 &:= 7^3 + 9^2 + 11^0 + 16^2 + 27^1 = 73 + 92 + 110 + 162 + 271 & 708 &:= 9^2 + 9^2 + 16^2 + 17^2 + 19^0 = 92 + 92 + 162 + 172 + 190 \\
 708 &:= 8^1 + 13^2 + 15^2 + 17^1 + 17^2 = 81 + 132 + 152 + 171 + 172 \\
 708 &:= 8^1 + 8^2 + 16^2 + 19^1 + 19^2 = 81 + 82 + 162 + 191 + 192
 \end{aligned}$$

2.2.610 Number 709

$$\begin{aligned}
 709 &:= 1^6 + 12^0 + 26^2 + 31^1 = 16 + 120 + 262 + 311 & 709 &:= 1^4 + 4^2 + 15^1 + 24^0 + 26^2 = 14 + 42 + 151 + 240 + 262 \\
 709 &:= 2^1 + 3^4 + 5^4 + 60^0 = 21 + 34 + 54 + 600 & 709 &:= 1^4 + 6^0 + 14^2 + 22^2 + 27^1 = 14 + 60 + 142 + 222 + 271 \\
 709 &:= 2^5 + 10^2 + 24^2 + 34^0 = 25 + 102 + 242 + 340 & 709 &:= 1^4 + 8^2 + 18^0 + 18^1 + 25^2 = 14 + 82 + 180 + 181 + 252 \\
 709 &:= 2^6 + 19^1 + 24^0 + 25^2 = 26 + 191 + 240 + 252 & 709 &:= 1^4 + 9^1 + 13^2 + 23^2 + 24^0 = 14 + 91 + 132 + 232 + 240 \\
 709 &:= 2^8 + 2^8 + 12^2 + 53^1 = 28 + 28 + 122 + 531 & 709 &:= 1^5 + 10^1 + 12^0 + 21^1 + 26^2 = 15 + 101 + 120 + 211 + 262 \\
 709 &:= 1^0 + 2^6 + 18^1 + 24^0 + 25^2 = 10 + 26 + 181 + 240 + 252 & 709 &:= 1^5 + 11^1 + 12^0 + 20^1 + 26^2 = 15 + 111 + 120 + 201 + 262 \\
 709 &:= 1^1 + 3^5 + 21^2 + 22^0 + 23^1 = 11 + 35 + 212 + 220 + 231 & 709 &:= 1^5 + 12^0 + 12^1 + 19^1 + 26^2 = 15 + 120 + 121 + 191 + 262 \\
 709 &:= 1^2 + 2^4 + 15^1 + 26^0 + 26^2 = 12 + 24 + 151 + 260 + 262 & 709 &:= 1^5 + 12^0 + 13^1 + 18^1 + 26^2 = 15 + 120 + 131 + 181 + 262 \\
 709 &:= 1^3 + 11^2 + 15^2 + 19^2 + 24^0 = 13 + 112 + 152 + 192 + 240 & 709 &:= 1^5 + 12^0 + 14^1 + 17^1 + 26^2 = 15 + 120 + 141 + 171 + 262 \\
 709 &:= 1^3 + 2^3 + 18^0 + 23^1 + 26^2 = 13 + 23 + 180 + 231 + 262 & 709 &:= 1^5 + 12^0 + 15^1 + 16^1 + 26^2 = 15 + 120 + 151 + 161 + 262 \\
 709 &:= 1^3 + 3^4 + 14^0 + 25^2 + 27^0 = 13 + 34 + 140 + 252 + 270 & 709 &:= 1^5 + 4^1 + 12^0 + 26^2 + 27^1 = 15 + 41 + 120 + 262 + 271 \\
 709 &:= 1^3 + 3^4 + 15^0 + 25^2 + 26^0 = 13 + 34 + 150 + 252 + 260 & 709 &:= 1^5 + 5^1 + 12^0 + 26^1 + 26^2 = 15 + 51 + 120 + 261 + 262 \\
 709 &:= 1^3 + 3^4 + 16^0 + 25^0 + 25^2 = 13 + 34 + 160 + 250 + 252 & 709 &:= 1^5 + 6^1 + 12^0 + 25^1 + 26^2 = 15 + 61 + 120 + 251 + 262 \\
 709 &:= 1^3 + 3^4 + 17^0 + 24^0 + 25^2 = 13 + 34 + 170 + 240 + 252 & 709 &:= 1^5 + 7^1 + 12^0 + 24^1 + 26^2 = 15 + 71 + 120 + 241 + 262 \\
 709 &:= 1^3 + 3^4 + 18^0 + 23^0 + 25^2 = 13 + 34 + 180 + 230 + 252 & 709 &:= 1^5 + 8^0 + 9^2 + 25^2 + 27^0 = 15 + 80 + 92 + 252 + 270 \\
 709 &:= 1^3 + 3^4 + 19^0 + 22^0 + 25^2 = 13 + 34 + 190 + 220 + 252 & 709 &:= 1^5 + 8^1 + 12^0 + 23^1 + 26^2 = 15 + 81 + 120 + 231 + 262 \\
 709 &:= 1^3 + 3^4 + 20^0 + 21^0 + 25^2 = 13 + 34 + 200 + 210 + 252 & 709 &:= 1^5 + 9^0 + 9^2 + 25^2 + 26^0 = 15 + 90 + 92 + 252 + 260 \\
 709 &:= 1^3 + 4^3 + 18^1 + 22^0 + 25^2 = 13 + 43 + 181 + 220 + 252 & 709 &:= 1^5 + 9^1 + 12^0 + 22^1 + 26^2 = 15 + 91 + 120 + 221 + 262 \\
 709 &:= 1^3 + 8^3 + 13^2 + 22^0 + 26^1 = 13 + 83 + 132 + 220 + 261 & 709 &:= 1^5 + 9^2 + 10^0 + 25^0 + 25^2 = 15 + 92 + 100 + 250 + 252 \\
 709 &:= 1^4 + 10^0 + 18^2 + 19^2 + 22^1 = 14 + 100 + 182 + 192 + 221 & 709 &:= 1^5 + 9^2 + 11^0 + 24^0 + 25^2 = 15 + 92 + 110 + 240 + 252 \\
 709 &:= 1^4 + 10^1 + 11^2 + 24^0 + 24^2 = 14 + 101 + 112 + 240 + 242 & 709 &:= 1^5 + 9^2 + 12^0 + 23^0 + 25^2 = 15 + 92 + 120 + 230 + 252 \\
 709 &:= 1^4 + 10^1 + 16^2 + 21^2 + 22^0 = 14 + 101 + 162 + 212 + 220 & 709 &:= 1^5 + 9^2 + 13^0 + 22^0 + 25^2 = 15 + 92 + 130 + 220 + 252 \\
 709 &:= 1^4 + 14^0 + 17^2 + 18^1 + 20^2 = 14 + 140 + 172 + 181 + 202 & 709 &:= 1^5 + 9^2 + 14^0 + 21^0 + 25^2 = 15 + 92 + 140 + 210 + 252 \\
 709 &:= 1^4 + 2^2 + 14^0 + 26^2 + 27^1 = 14 + 22 + 140 + 262 + 271 & 709 &:= 1^5 + 9^2 + 15^0 + 20^0 + 25^2 = 15 + 92 + 150 + 200 + 252 \\
 709 &:= 1^4 + 3^2 + 18^0 + 22^1 + 26^2 = 14 + 32 + 180 + 221 + 262 & 709 &:= 1^5 + 9^2 + 16^0 + 19^0 + 25^2 = 15 + 92 + 160 + 190 + 252
 \end{aligned}$$

$$\begin{aligned}
 709 &:= 1^5 + 9^2 + 17^0 + 18^0 + 25^2 = 15 + 92 + 170 + 180 + 252 \\
 709 &:= 1^7 + 2^9 + 13^2 + 26^1 + 27^0 = 17 + 29 + 132 + 261 + 270 \\
 709 &:= 2^0 + 2^6 + 18^1 + 23^0 + 25^2 = 20 + 26 + 181 + 230 + 252 \\
 709 &:= 2^1 + 3^5 + 21^2 + 22^0 + 22^1 = 21 + 35 + 212 + 220 + 221 \\
 709 &:= 2^3 + 2^3 + 16^1 + 24^0 + 26^2 = 23 + 23 + 161 + 240 + 262 \\
 709 &:= 2^4 + 10^2 + 16^1 + 18^0 + 24^2 = 24 + 102 + 161 + 180 + 242 \\
 709 &:= 2^4 + 12^1 + 14^2 + 20^0 + 22^2 = 24 + 121 + 142 + 200 + 222 \\
 709 &:= 2^4 + 12^2 + 14^0 + 19^1 + 23^2 = 24 + 122 + 140 + 191 + 232 \\
 709 &:= 2^4 + 6^0 + 15^2 + 21^2 + 26^1 = 24 + 60 + 152 + 212 + 261 \\
 709 &:= 2^4 + 7^1 + 18^2 + 19^2 + 24^0 = 24 + 71 + 182 + 192 + 240 \\
 709 &:= 2^4 + 7^2 + 18^0 + 18^1 + 25^2 = 24 + 72 + 180 + 181 + 252 \\
 709 &:= 2^6 + 10^0 + 15^0 + 18^1 + 25^2 = 26 + 100 + 150 + 181 + 252 \\
 709 &:= 2^6 + 11^0 + 14^0 + 18^1 + 25^2 = 26 + 110 + 140 + 181 + 252 \\
 709 &:= 2^6 + 12^0 + 13^0 + 18^1 + 25^2 = 26 + 120 + 130 + 181 + 252 \\
 709 &:= 2^6 + 3^0 + 18^1 + 22^0 + 25^2 = 26 + 30 + 181 + 220 + 252 \\
 709 &:= 2^6 + 4^0 + 18^1 + 21^0 + 25^2 = 26 + 40 + 181 + 210 + 252 \\
 709 &:= 2^6 + 5^0 + 18^1 + 20^0 + 25^2 = 26 + 50 + 181 + 200 + 252 \\
 709 &:= 2^6 + 6^0 + 18^1 + 19^0 + 25^2 = 26 + 60 + 181 + 190 + 252 \\
 709 &:= 2^6 + 7^0 + 18^0 + 18^1 + 25^2 = 26 + 70 + 180 + 181 + 252 \\
 709 &:= 2^6 + 8^0 + 17^0 + 18^1 + 25^2 = 26 + 80 + 170 + 181 + 252 \\
 709 &:= 2^6 + 9^0 + 16^0 + 18^1 + 25^2 = 26 + 90 + 160 + 181 + 252 \\
 709 &:= 2^8 + 2^8 + 13^2 + 25^0 + 27^1 = 28 + 28 + 132 + 250 + 271 \\
 709 &:= 3^1 + 3^5 + 21^1 + 21^2 + 22^0 = 31 + 35 + 211 + 212 + 220 \\
 709 &:= 3^3 + 13^2 + 16^2 + 16^2 + 22^0 = 33 + 132 + 162 + 162 + 220 \\
 709 &:= 3^3 + 14^2 + 14^2 + 17^2 + 22^0 = 33 + 142 + 142 + 172 + 220 \\
 709 &:= 3^3 + 5^2 + 16^2 + 20^2 + 26^0 = 33 + 52 + 162 + 202 + 260 \\
 709 &:= 3^3 + 5^3 + 12^0 + 23^2 + 27^1 = 33 + 53 + 120 + 232 + 271 \\
 709 &:= 3^3 + 6^3 + 16^0 + 21^2 + 24^1 = 33 + 63 + 160 + 212 + 241 \\
 709 &:= 3^3 + 8^2 + 16^2 + 19^2 + 24^0 = 33 + 82 + 162 + 192 + 240 \\
 709 &:= 3^3 + 8^3 + 12^2 + 22^0 + 25^1 = 33 + 83 + 122 + 220 + 251 \\
 709 &:= 3^4 + 10^1 + 16^2 + 19^2 + 22^0 = 34 + 101 + 162 + 192 + 220 \\
 709 &:= 3^4 + 11^2 + 12^0 + 22^1 + 22^2 = 34 + 112 + 120 + 221 + 222 \\
 709 &:= 3^4 + 13^2 + 16^0 + 17^1 + 21^2 = 34 + 132 + 160 + 171 + 212
 \end{aligned}$$

$$\begin{aligned}
 709 &:= 3^4 + 14^1 + 17^2 + 18^0 + 18^2 = 34 + 141 + 172 + 180 + 182 \\
 709 &:= 3^4 + 5^2 + 12^0 + 24^2 + 26^1 = 34 + 52 + 120 + 242 + 261 \\
 709 &:= 3^4 + 6^2 + 15^1 + 22^0 + 24^2 = 34 + 62 + 151 + 220 + 242 \\
 709 &:= 3^4 + 9^2 + 17^1 + 18^0 + 23^2 = 34 + 92 + 171 + 180 + 232 \\
 709 &:= 3^5 + 10^1 + 14^1 + 21^2 + 22^0 = 35 + 101 + 141 + 212 + 220 \\
 709 &:= 3^5 + 11^1 + 13^1 + 21^2 + 22^0 = 35 + 111 + 131 + 212 + 220 \\
 709 &:= 3^5 + 12^1 + 12^1 + 21^2 + 22^0 = 35 + 121 + 121 + 212 + 220 \\
 709 &:= 3^5 + 4^1 + 20^1 + 21^2 + 22^0 = 35 + 41 + 201 + 212 + 220 \\
 709 &:= 3^5 + 5^1 + 19^1 + 21^2 + 22^0 = 35 + 51 + 191 + 212 + 220 \\
 709 &:= 3^5 + 6^1 + 18^1 + 21^2 + 22^0 = 35 + 61 + 181 + 212 + 220 \\
 709 &:= 3^5 + 7^1 + 17^1 + 21^2 + 22^0 = 35 + 71 + 171 + 212 + 220 \\
 709 &:= 3^5 + 8^1 + 16^1 + 21^2 + 22^0 = 35 + 81 + 161 + 212 + 220 \\
 709 &:= 3^5 + 8^2 + 12^0 + 20^2 + 27^0 = 35 + 82 + 120 + 202 + 270 \\
 709 &:= 3^5 + 8^2 + 13^0 + 20^2 + 26^0 = 35 + 82 + 130 + 202 + 260 \\
 709 &:= 3^5 + 8^2 + 14^0 + 20^2 + 25^0 = 35 + 82 + 140 + 202 + 250 \\
 709 &:= 3^5 + 8^2 + 15^0 + 20^2 + 24^0 = 35 + 82 + 150 + 202 + 240 \\
 709 &:= 3^5 + 8^2 + 16^0 + 20^2 + 23^0 = 35 + 82 + 160 + 202 + 230 \\
 709 &:= 3^5 + 8^2 + 17^0 + 20^2 + 22^0 = 35 + 82 + 170 + 202 + 220 \\
 709 &:= 3^5 + 8^2 + 18^0 + 20^2 + 21^0 = 35 + 82 + 180 + 202 + 210 \\
 709 &:= 3^5 + 8^2 + 19^0 + 20^0 + 20^2 = 35 + 82 + 190 + 200 + 202 \\
 709 &:= 3^5 + 9^1 + 15^1 + 21^2 + 22^0 = 35 + 91 + 151 + 212 + 220 \\
 709 &:= 4^3 + 10^2 + 12^2 + 20^2 + 24^0 = 43 + 102 + 122 + 202 + 240 \\
 709 &:= 4^3 + 8^2 + 16^2 + 18^2 + 24^0 = 43 + 82 + 162 + 182 + 240 \\
 709 &:= 4^4 + 10^0 + 13^2 + 16^2 + 27^1 = 44 + 100 + 132 + 162 + 271 \\
 709 &:= 4^4 + 12^2 + 17^2 + 18^0 + 19^1 = 44 + 122 + 172 + 180 + 191 \\
 709 &:= 4^4 + 5^2 + 14^0 + 20^2 + 27^1 = 44 + 52 + 140 + 202 + 271 \\
 709 &:= 4^4 + 6^2 + 16^1 + 20^2 + 24^0 = 44 + 62 + 161 + 202 + 240 \\
 709 &:= 4^4 + 8^2 + 12^0 + 19^2 + 27^1 = 44 + 82 + 120 + 192 + 271 \\
 709 &:= 5^3 + 5^3 + 17^1 + 21^2 + 22^0 = 53 + 53 + 171 + 212 + 220 \\
 709 &:= 6^3 + 10^2 + 14^2 + 14^2 + 26^0 = 63 + 102 + 142 + 142 + 260 \\
 709 &:= 6^3 + 6^3 + 16^2 + 20^1 + 22^0 = 63 + 63 + 162 + 201 + 220
 \end{aligned}$$

2.2.611 Number 710

$$\begin{aligned}
 710 &:= 1^3 + 2^5 + 26^2 + 41^0 = 13 + 25 + 262 + 410 \\
 710 &:= 1^3 + 5^2 + 5^4 + 59^1 = 13 + 52 + 54 + 591 \\
 710 &:= 1^5 + 8^3 + 14^2 + 47^0 = 15 + 83 + 142 + 470
 \end{aligned}$$

$$\begin{aligned}
 710 &:= 1^7 + 11^0 + 26^2 + 32^1 = 17 + 110 + 262 + 321 \\
 710 &:= 1^9 + 2^9 + 14^2 + 52^0 = 19 + 29 + 142 + 520 \\
 710 &:= 2^4 + 5^3 + 23^2 + 40^1 = 24 + 53 + 232 + 401
 \end{aligned}$$

$$\begin{aligned} 710 &:= 2^5 + 5^4 + 11^0 + 52^1 &= 25 + 54 + 110 + 521 \\ 710 &:= 2^7 + 5^1 + 24^2 + 39^0 &= 27 + 51 + 242 + 390 \\ 710 &:= 3^5 + 5^2 + 20^2 + 42^1 &= 35 + 52 + 202 + 421 \\ 710 &:= 1^1 + 2^6 + 19^1 + 23^0 + 25^2 &= 11 + 26 + 191 + 230 + 252 \\ 710 &:= 1^2 + 3^5 + 21^0 + 21^2 + 24^1 &= 12 + 35 + 210 + 212 + 241 \\ 710 &:= 1^3 + 11^2 + 11^2 + 21^2 + 26^1 &= 13 + 112 + 112 + 212 + 261 \\ 710 &:= 1^3 + 2^4 + 16^1 + 25^0 + 26^2 &= 13 + 24 + 161 + 250 + 262 \\ 710 &:= 1^4 + 14^2 + 16^2 + 16^2 + 23^0 &= 14 + 142 + 162 + 162 + 230 \\ 710 &:= 1^4 + 2^3 + 17^0 + 24^1 + 26^2 &= 14 + 23 + 170 + 241 + 262 \\ 710 &:= 1^4 + 4^3 + 19^1 + 21^0 + 25^2 &= 14 + 43 + 191 + 210 + 252 \\ 710 &:= 1^4 + 8^3 + 13^2 + 21^0 + 27^1 &= 14 + 83 + 132 + 210 + 271 \\ 710 &:= 1^5 + 10^1 + 13^2 + 23^0 + 23^2 &= 15 + 101 + 132 + 230 + 232 \\ 710 &:= 1^5 + 11^1 + 11^2 + 23^0 + 24^2 &= 15 + 111 + 112 + 230 + 242 \\ 710 &:= 1^5 + 11^1 + 16^2 + 21^0 + 21^2 &= 15 + 111 + 162 + 210 + 212 \\ 710 &:= 1^5 + 13^0 + 17^2 + 19^1 + 20^2 &= 15 + 130 + 172 + 191 + 202 \\ 710 &:= 1^5 + 3^2 + 17^0 + 23^1 + 26^2 &= 15 + 32 + 170 + 231 + 262 \\ 710 &:= 1^5 + 4^2 + 16^1 + 23^0 + 26^2 &= 15 + 42 + 161 + 230 + 262 \\ 710 &:= 1^5 + 8^2 + 17^0 + 19^1 + 25^2 &= 15 + 82 + 170 + 191 + 252 \\ 710 &:= 1^5 + 9^0 + 18^2 + 19^2 + 23^1 &= 15 + 90 + 182 + 192 + 231 \\ 710 &:= 1^6 + 10^1 + 11^0 + 22^1 + 26^2 &= 16 + 101 + 110 + 221 + 262 \\ 710 &:= 1^6 + 11^0 + 11^1 + 21^1 + 26^2 &= 16 + 110 + 111 + 211 + 262 \\ 710 &:= 1^6 + 11^0 + 12^1 + 20^1 + 26^2 &= 16 + 110 + 121 + 201 + 262 \\ 710 &:= 1^6 + 11^0 + 13^1 + 19^1 + 26^2 &= 16 + 110 + 131 + 191 + 262 \\ 710 &:= 1^6 + 11^0 + 14^1 + 18^1 + 26^2 &= 16 + 110 + 141 + 181 + 262 \\ 710 &:= 1^6 + 11^0 + 15^1 + 17^1 + 26^2 &= 16 + 110 + 151 + 171 + 262 \\ 710 &:= 1^6 + 11^0 + 16^1 + 16^1 + 26^2 &= 16 + 110 + 161 + 161 + 262 \\ 710 &:= 1^6 + 5^1 + 11^0 + 26^2 + 27^1 &= 16 + 51 + 110 + 262 + 271 \\ 710 &:= 1^6 + 6^1 + 11^0 + 26^1 + 26^2 &= 16 + 61 + 110 + 261 + 262 \\ 710 &:= 1^6 + 7^1 + 11^0 + 25^1 + 26^2 &= 16 + 71 + 110 + 251 + 262 \\ 710 &:= 1^6 + 8^1 + 11^0 + 24^1 + 26^2 &= 16 + 81 + 110 + 241 + 262 \\ 710 &:= 1^6 + 9^1 + 11^0 + 23^1 + 26^2 &= 16 + 91 + 110 + 231 + 262 \\ 710 &:= 1^8 + 2^9 + 13^2 + 26^0 + 27^1 &= 18 + 29 + 132 + 260 + 271 \\ 710 &:= 2^1 + 2^6 + 18^1 + 23^0 + 25^2 &= 21 + 26 + 181 + 230 + 252 \\ 710 &:= 2^2 + 3^5 + 21^1 + 21^2 + 23^0 &= 22 + 35 + 211 + 212 + 230 \\ 710 &:= 2^3 + 10^2 + 17^2 + 17^2 + 24^1 &= 23 + 102 + 172 + 172 + 241 \\ 710 &:= 2^3 + 11^2 + 14^2 + 19^2 + 24^1 &= 23 + 112 + 142 + 192 + 241 \\ 710 &:= 2^3 + 5^2 + 17^2 + 19^2 + 27^1 &= 23 + 52 + 172 + 192 + 271 \\ 710 &:= 2^3 + 8^2 + 17^2 + 18^2 + 25^1 &= 23 + 82 + 172 + 182 + 251 \\ 710 &:= 2^3 + 9^2 + 14^2 + 20^2 + 25^1 &= 23 + 92 + 142 + 202 + 251 \\ 710 &:= 2^4 + 12^2 + 15^2 + 18^2 + 23^0 &= 24 + 122 + 152 + 182 + 230 \\ 710 &:= 2^4 + 2^4 + 13^0 + 26^2 + 27^0 &= 24 + 24 + 130 + 262 + 270 \\ 710 &:= 2^4 + 2^4 + 14^0 + 26^0 + 26^2 &= 24 + 24 + 140 + 260 + 262 \\ 710 &:= 2^4 + 2^4 + 15^0 + 25^0 + 26^2 &= 24 + 24 + 150 + 250 + 262 \\ 710 &:= 2^4 + 2^4 + 16^0 + 24^0 + 26^2 &= 24 + 24 + 160 + 240 + 262 \\ 710 &:= 2^4 + 2^4 + 17^0 + 23^0 + 26^2 &= 24 + 24 + 170 + 230 + 262 \\ 710 &:= 2^4 + 2^4 + 18^0 + 22^0 + 26^2 &= 24 + 24 + 180 + 220 + 262 \\ 710 &:= 2^4 + 2^4 + 19^0 + 21^0 + 26^2 &= 24 + 24 + 190 + 210 + 262 \\ 710 &:= 2^4 + 2^4 + 20^0 + 20^0 + 26^2 &= 24 + 24 + 200 + 200 + 262 \\ 710 &:= 2^4 + 7^3 + 17^0 + 18^2 + 26^1 &= 24 + 73 + 170 + 182 + 261 \\ 710 &:= 2^4 + 8^2 + 10^2 + 23^2 + 27^0 &= 24 + 82 + 102 + 232 + 270 \\ 710 &:= 2^5 + 11^0 + 16^2 + 20^2 + 21^1 &= 25 + 110 + 162 + 202 + 211 \\ 710 &:= 2^5 + 11^1 + 15^2 + 21^0 + 21^2 &= 25 + 111 + 152 + 210 + 212 \\ 710 &:= 2^5 + 5^0 + 17^2 + 19^2 + 27^1 &= 25 + 50 + 172 + 192 + 271 \\ 710 &:= 2^5 + 5^2 + 11^0 + 25^2 + 27^1 &= 25 + 52 + 110 + 252 + 271 \\ 710 &:= 2^5 + 6^2 + 16^1 + 21^0 + 25^2 &= 25 + 62 + 161 + 210 + 252 \\ 710 &:= 2^5 + 7^0 + 11^2 + 23^2 + 27^1 &= 25 + 70 + 112 + 232 + 271 \\ 710 &:= 2^5 + 9^0 + 13^2 + 22^2 + 24^1 &= 25 + 90 + 132 + 222 + 241 \\ 710 &:= 2^5 + 9^2 + 15^0 + 20^1 + 24^2 &= 25 + 92 + 150 + 201 + 242 \\ 710 &:= 2^6 + 10^1 + 10^1 + 23^0 + 25^2 &= 26 + 101 + 101 + 230 + 252 \\ 710 &:= 2^6 + 3^1 + 17^1 + 23^0 + 25^2 &= 26 + 31 + 171 + 230 + 252 \\ 710 &:= 2^6 + 4^1 + 16^1 + 23^0 + 25^2 &= 26 + 41 + 161 + 230 + 252 \\ 710 &:= 2^6 + 5^1 + 15^1 + 23^0 + 25^2 &= 26 + 51 + 151 + 230 + 252 \\ 710 &:= 2^6 + 6^1 + 14^1 + 23^0 + 25^2 &= 26 + 61 + 141 + 230 + 252 \\ 710 &:= 2^6 + 7^1 + 13^1 + 23^0 + 25^2 &= 26 + 71 + 131 + 230 + 252 \\ 710 &:= 2^6 + 8^1 + 12^1 + 23^0 + 25^2 &= 26 + 81 + 121 + 230 + 252 \\ 710 &:= 2^6 + 9^1 + 11^1 + 23^0 + 25^2 &= 26 + 91 + 111 + 230 + 252 \\ 710 &:= 2^7 + 4^1 + 13^0 + 24^2 + 27^0 &= 27 + 41 + 130 + 242 + 270 \\ 710 &:= 2^7 + 4^1 + 14^0 + 24^2 + 26^0 &= 27 + 41 + 140 + 242 + 260 \\ 710 &:= 2^7 + 4^1 + 15^0 + 24^2 + 25^0 &= 27 + 41 + 150 + 242 + 250 \\ 710 &:= 2^7 + 4^1 + 16^0 + 24^0 + 24^2 &= 27 + 41 + 160 + 240 + 242 \\ 710 &:= 2^7 + 4^1 + 17^0 + 23^0 + 24^2 &= 27 + 41 + 170 + 230 + 242 \\ 710 &:= 2^7 + 4^1 + 18^0 + 22^0 + 24^2 &= 27 + 41 + 180 + 220 + 242 \\ 710 &:= 2^7 + 4^1 + 19^0 + 21^0 + 24^2 &= 27 + 41 + 190 + 210 + 242 \\ 710 &:= 2^7 + 4^1 + 20^0 + 20^0 + 24^2 &= 27 + 41 + 200 + 200 + 242 \\ 710 &:= 3^2 + 3^5 + 16^1 + 21^2 + 27^0 &= 32 + 35 + 161 + 212 + 270 \\ 710 &:= 3^3 + 3^4 + 15^0 + 24^2 + 25^1 &= 33 + 34 + 150 + 242 + 251 \end{aligned}$$

$$\begin{aligned}
 710 &:= 3^3 + 4^4 + 17^0 + 20^2 + 26^1 = 33 + 44 + 170 + 202 + 261 \\
 710 &:= 3^3 + 9^2 + 17^2 + 17^2 + 24^1 = 33 + 92 + 172 + 172 + 241 \\
 710 &:= 3^4 + 10^1 + 14^2 + 20^2 + 23^1 = 34 + 101 + 142 + 202 + 231 \\
 710 &:= 3^4 + 11^1 + 14^2 + 20^2 + 22^1 = 34 + 111 + 142 + 202 + 221 \\
 710 &:= 3^4 + 12^1 + 14^2 + 20^2 + 21^1 = 34 + 121 + 142 + 202 + 211 \\
 710 &:= 3^4 + 13^1 + 14^2 + 20^1 + 20^2 = 34 + 131 + 142 + 201 + 202 \\
 710 &:= 3^4 + 14^1 + 14^2 + 19^1 + 20^2 = 34 + 141 + 142 + 191 + 202 \\
 710 &:= 3^4 + 14^2 + 15^1 + 18^1 + 20^2 = 34 + 142 + 151 + 181 + 202 \\
 710 &:= 3^4 + 14^2 + 16^1 + 17^1 + 20^2 = 34 + 142 + 161 + 171 + 202 \\
 710 &:= 3^4 + 5^3 + 19^1 + 21^0 + 22^2 = 34 + 53 + 191 + 210 + 222 \\
 710 &:= 3^4 + 6^1 + 14^2 + 20^2 + 27^1 = 34 + 61 + 142 + 202 + 271 \\
 710 &:= 3^4 + 7^1 + 14^2 + 20^2 + 26^1 = 34 + 71 + 142 + 202 + 261 \\
 710 &:= 3^4 + 8^1 + 14^2 + 20^2 + 25^1 = 34 + 81 + 142 + 202 + 251 \\
 710 &:= 3^4 + 8^2 + 10^1 + 23^2 + 26^1 = 34 + 82 + 101 + 232 + 261 \\
 710 &:= 3^4 + 8^2 + 11^1 + 23^2 + 25^1 = 34 + 82 + 111 + 232 + 251 \\
 710 &:= 3^4 + 8^2 + 12^1 + 23^2 + 24^1 = 34 + 82 + 121 + 232 + 241 \\
 710 &:= 3^4 + 8^2 + 13^1 + 23^1 + 23^2 = 34 + 82 + 131 + 231 + 232 \\
 710 &:= 3^4 + 8^2 + 14^1 + 22^1 + 23^2 = 34 + 82 + 141 + 221 + 232 \\
 710 &:= 3^4 + 8^2 + 15^1 + 21^1 + 23^2 = 34 + 82 + 151 + 211 + 232 \\
 710 &:= 3^4 + 8^2 + 16^1 + 20^1 + 23^2 = 34 + 82 + 161 + 201 + 232
 \end{aligned}$$

$$\begin{aligned}
 710 &:= 3^4 + 8^2 + 17^1 + 19^1 + 23^2 = 34 + 82 + 171 + 191 + 232 \\
 710 &:= 3^4 + 8^2 + 18^1 + 18^1 + 23^2 = 34 + 82 + 181 + 181 + 232 \\
 710 &:= 3^4 + 8^2 + 9^1 + 23^2 + 27^1 = 34 + 82 + 91 + 232 + 271 \\
 710 &:= 3^4 + 9^1 + 14^2 + 20^2 + 24^1 = 34 + 91 + 142 + 202 + 241 \\
 710 &:= 3^5 + 11^2 + 17^0 + 18^2 + 21^1 = 35 + 112 + 170 + 182 + 211 \\
 710 &:= 3^5 + 14^1 + 14^2 + 16^2 + 23^0 = 35 + 141 + 142 + 162 + 230 \\
 710 &:= 3^5 + 15^2 + 15^2 + 16^1 + 21^0 = 35 + 152 + 152 + 161 + 210 \\
 710 &:= 3^5 + 7^2 + 17^1 + 20^2 + 23^0 = 35 + 72 + 171 + 202 + 230 \\
 710 &:= 3^5 + 9^2 + 15^0 + 19^2 + 24^1 = 35 + 92 + 150 + 192 + 241 \\
 710 &:= 4^3 + 10^2 + 11^2 + 20^2 + 25^1 = 43 + 102 + 112 + 202 + 251 \\
 710 &:= 4^3 + 8^2 + 14^2 + 19^2 + 25^1 = 43 + 82 + 142 + 192 + 251 \\
 710 &:= 4^4 + 4^4 + 14^2 + 21^0 + 27^0 = 44 + 44 + 142 + 210 + 270 \\
 710 &:= 4^4 + 4^4 + 14^2 + 22^0 + 26^0 = 44 + 44 + 142 + 220 + 260 \\
 710 &:= 4^4 + 4^4 + 14^2 + 23^0 + 25^0 = 44 + 44 + 142 + 230 + 250 \\
 710 &:= 4^4 + 4^4 + 14^2 + 24^0 + 24^0 = 44 + 44 + 142 + 240 + 240 \\
 710 &:= 5^3 + 13^2 + 14^2 + 14^2 + 24^1 = 53 + 132 + 142 + 142 + 241 \\
 710 &:= 5^3 + 6^3 + 7^3 + 25^1 + 27^0 = 53 + 63 + 73 + 251 + 270 \\
 710 &:= 6^3 + 11^2 + 11^2 + 15^2 + 27^1 = 63 + 112 + 112 + 152 + 271
 \end{aligned}$$

2.2.612 Number 711

$$\begin{aligned}
 711 &:= 1^7 + 15^2 + 22^2 + 32^0 = 17 + 152 + 222 + 320 \\
 711 &:= 1^8 + 10^0 + 26^2 + 33^1 = 18 + 100 + 262 + 331 \\
 711 &:= 1^9 + 2^9 + 12^2 + 54^1 = 19 + 29 + 122 + 541 \\
 711 &:= 2^6 + 5^4 + 21^1 + 42^0 = 26 + 54 + 211 + 420 \\
 711 &:= 2^8 + 13^1 + 21^2 + 34^0 = 28 + 131 + 212 + 340 \\
 711 &:= 1^0 + 2^9 + 14^2 + 26^0 + 27^0 = 10 + 29 + 142 + 260 + 270 \\
 711 &:= 1^2 + 2^6 + 20^1 + 22^0 + 25^2 = 12 + 26 + 201 + 220 + 252 \\
 711 &:= 1^3 + 3^5 + 20^0 + 21^2 + 25^1 = 13 + 35 + 200 + 212 + 251 \\
 711 &:= 1^4 + 2^4 + 17^1 + 24^0 + 26^2 = 14 + 24 + 171 + 240 + 262 \\
 711 &:= 1^4 + 2^5 + 14^0 + 26^2 + 27^0 = 14 + 25 + 140 + 262 + 270 \\
 711 &:= 1^4 + 2^5 + 15^0 + 26^0 + 26^2 = 14 + 25 + 150 + 260 + 262 \\
 711 &:= 1^4 + 2^5 + 16^0 + 25^0 + 26^2 = 14 + 25 + 160 + 250 + 262 \\
 711 &:= 1^4 + 2^5 + 17^0 + 24^0 + 26^2 = 14 + 25 + 170 + 240 + 262 \\
 711 &:= 1^4 + 2^5 + 18^0 + 23^0 + 26^2 = 14 + 25 + 180 + 230 + 262 \\
 711 &:= 1^4 + 2^5 + 19^0 + 22^0 + 26^2 = 14 + 25 + 190 + 220 + 262 \\
 711 &:= 1^4 + 2^5 + 20^0 + 21^0 + 26^2 = 14 + 25 + 200 + 210 + 262
 \end{aligned}$$

$$\begin{aligned}
 711 &:= 1^5 + 2^3 + 16^0 + 25^1 + 26^2 = 15 + 23 + 160 + 251 + 262 \\
 711 &:= 1^5 + 4^3 + 20^0 + 20^1 + 25^2 = 15 + 43 + 200 + 201 + 252 \\
 711 &:= 1^5 + 9^2 + 12^2 + 22^2 + 26^0 = 15 + 92 + 122 + 222 + 260 \\
 711 &:= 1^6 + 11^1 + 13^2 + 22^0 + 23^2 = 16 + 111 + 132 + 220 + 232 \\
 711 &:= 1^6 + 11^2 + 12^1 + 22^0 + 24^2 = 16 + 112 + 121 + 220 + 242 \\
 711 &:= 1^6 + 12^0 + 17^2 + 20^1 + 20^2 = 16 + 120 + 172 + 201 + 202 \\
 711 &:= 1^6 + 12^1 + 16^2 + 20^0 + 21^2 = 16 + 121 + 162 + 200 + 212 \\
 711 &:= 1^6 + 3^2 + 16^0 + 24^1 + 26^2 = 16 + 32 + 160 + 241 + 262 \\
 711 &:= 1^6 + 4^2 + 17^1 + 22^0 + 26^2 = 16 + 42 + 171 + 220 + 262 \\
 711 &:= 1^6 + 8^0 + 18^2 + 19^2 + 24^1 = 16 + 80 + 182 + 192 + 241 \\
 711 &:= 1^6 + 8^2 + 16^0 + 20^1 + 25^2 = 16 + 82 + 160 + 201 + 252 \\
 711 &:= 1^6 + 8^3 + 14^2 + 20^0 + 27^0 = 16 + 83 + 142 + 200 + 270 \\
 711 &:= 1^6 + 8^3 + 14^2 + 21^0 + 26^0 = 16 + 83 + 142 + 210 + 260 \\
 711 &:= 1^6 + 8^3 + 14^2 + 22^0 + 25^0 = 16 + 83 + 142 + 220 + 250 \\
 711 &:= 1^6 + 8^3 + 14^2 + 23^0 + 24^0 = 16 + 83 + 142 + 230 + 240 \\
 711 &:= 1^7 + 10^0 + 10^1 + 23^1 + 26^2 = 17 + 100 + 101 + 231 + 262
 \end{aligned}$$

$$\begin{aligned} 711 &:= 1^7 + 10^0 + 11^1 + 22^1 + 26^2 = 17 + 100 + 111 + 221 + 262 \\ 711 &:= 1^7 + 10^0 + 12^1 + 21^1 + 26^2 = 17 + 100 + 121 + 211 + 262 \\ 711 &:= 1^7 + 10^0 + 13^1 + 20^1 + 26^2 = 17 + 100 + 131 + 201 + 262 \\ 711 &:= 1^7 + 10^0 + 14^1 + 19^1 + 26^2 = 17 + 100 + 141 + 191 + 262 \\ 711 &:= 1^7 + 10^0 + 15^1 + 18^1 + 26^2 = 17 + 100 + 151 + 181 + 262 \\ 711 &:= 1^7 + 10^0 + 16^1 + 17^1 + 26^2 = 17 + 100 + 161 + 171 + 262 \\ 711 &:= 1^7 + 6^1 + 10^0 + 26^2 + 27^1 = 17 + 61 + 100 + 262 + 271 \\ 711 &:= 1^7 + 7^1 + 10^0 + 26^1 + 26^2 = 17 + 71 + 100 + 261 + 262 \\ 711 &:= 1^7 + 8^1 + 10^0 + 25^1 + 26^2 = 17 + 81 + 100 + 251 + 262 \\ 711 &:= 1^7 + 9^1 + 10^0 + 24^1 + 26^2 = 17 + 91 + 100 + 241 + 262 \\ 711 &:= 1^8 + 2^9 + 12^2 + 27^1 + 27^1 = 18 + 29 + 122 + 271 + 271 \\ 711 &:= 2^0 + 2^9 + 14^2 + 25^0 + 27^0 = 20 + 29 + 142 + 250 + 270 \\ 711 &:= 2^0 + 2^9 + 14^2 + 26^0 + 26^0 = 20 + 29 + 142 + 260 + 260 \\ 711 &:= 2^2 + 2^6 + 17^1 + 24^0 + 25^2 = 22 + 26 + 171 + 240 + 252 \\ 711 &:= 2^3 + 3^5 + 18^1 + 21^2 + 26^0 = 23 + 35 + 181 + 212 + 260 \\ 711 &:= 2^5 + 10^2 + 17^2 + 17^2 + 24^0 = 25 + 102 + 172 + 172 + 240 \\ 711 &:= 2^5 + 11^2 + 14^2 + 19^2 + 24^0 = 25 + 112 + 142 + 192 + 240 \\ 711 &:= 2^5 + 3^3 + 14^0 + 25^2 + 26^1 = 25 + 33 + 140 + 252 + 261 \\ 711 &:= 2^5 + 5^3 + 16^0 + 23^2 + 24^1 = 25 + 53 + 160 + 232 + 241 \\ 711 &:= 2^5 + 5^4 + 10^0 + 26^1 + 27^1 = 25 + 54 + 100 + 261 + 271 \\ 711 &:= 2^5 + 6^3 + 20^0 + 21^1 + 21^2 = 25 + 63 + 200 + 211 + 212 \\ 711 &:= 2^5 + 8^3 + 12^2 + 22^1 + 26^0 = 25 + 83 + 122 + 221 + 260 \\ 711 &:= 2^6 + 10^2 + 17^1 + 18^0 + 23^2 = 26 + 102 + 171 + 180 + 232 \\ 711 &:= 2^6 + 12^0 + 15^2 + 20^2 + 21^1 = 26 + 120 + 152 + 202 + 211 \\ 711 &:= 2^6 + 12^2 + 16^0 + 18^1 + 22^2 = 26 + 122 + 160 + 181 + 222 \\ 711 &:= 2^6 + 5^4 + 16^0 + 20^1 + 27^0 = 26 + 54 + 160 + 201 + 270 \\ 711 &:= 2^6 + 5^4 + 17^0 + 20^1 + 26^0 = 26 + 54 + 170 + 201 + 260 \\ 711 &:= 2^6 + 5^4 + 18^0 + 20^1 + 25^0 = 26 + 54 + 180 + 201 + 250 \\ 711 &:= 2^6 + 5^4 + 19^0 + 20^1 + 24^0 = 26 + 54 + 190 + 201 + 240 \\ 711 &:= 2^6 + 5^4 + 20^0 + 20^1 + 23^0 = 26 + 54 + 200 + 201 + 230 \\ 711 &:= 2^6 + 5^4 + 20^1 + 21^0 + 22^0 = 26 + 54 + 201 + 210 + 220 \\ 711 &:= 2^6 + 7^2 + 16^0 + 21^1 + 24^2 = 26 + 72 + 160 + 211 + 242 \\ 711 &:= 2^6 + 9^1 + 14^2 + 21^2 + 24^0 = 26 + 91 + 142 + 212 + 240 \\ 711 &:= 2^8 + 10^0 + 12^1 + 21^2 + 25^0 = 28 + 100 + 121 + 212 + 250 \\ 711 &:= 2^8 + 11^0 + 12^1 + 21^2 + 24^0 = 28 + 110 + 121 + 212 + 240 \\ 711 &:= 2^8 + 12^0 + 12^1 + 21^2 + 23^0 = 28 + 120 + 121 + 212 + 230 \\ 711 &:= 2^8 + 12^1 + 13^0 + 21^2 + 22^0 = 28 + 121 + 130 + 212 + 220 \\ 711 &:= 2^8 + 12^1 + 14^0 + 21^0 + 21^2 = 28 + 121 + 140 + 210 + 212 \end{aligned}$$

$$\begin{aligned} 711 &:= 2^8 + 12^1 + 15^0 + 20^0 + 21^2 = 28 + 121 + 150 + 200 + 212 \\ 711 &:= 2^8 + 12^1 + 16^0 + 19^0 + 21^2 = 28 + 121 + 160 + 190 + 212 \\ 711 &:= 2^8 + 12^1 + 17^0 + 18^0 + 21^2 = 28 + 121 + 170 + 180 + 212 \\ 711 &:= 2^8 + 8^0 + 12^1 + 21^2 + 27^0 = 28 + 80 + 121 + 212 + 270 \\ 711 &:= 2^8 + 9^0 + 12^1 + 21^2 + 26^0 = 28 + 90 + 121 + 212 + 260 \\ 711 &:= 2^9 + 10^0 + 14^2 + 17^0 + 27^0 = 29 + 100 + 142 + 170 + 270 \\ 711 &:= 2^9 + 10^0 + 14^2 + 18^0 + 26^0 = 29 + 100 + 142 + 180 + 260 \\ 711 &:= 2^9 + 10^0 + 14^2 + 19^0 + 25^0 = 29 + 100 + 142 + 190 + 250 \\ 711 &:= 2^9 + 10^0 + 14^2 + 20^0 + 24^0 = 29 + 100 + 142 + 200 + 240 \\ 711 &:= 2^9 + 10^0 + 14^2 + 21^0 + 23^0 = 29 + 100 + 142 + 210 + 230 \\ 711 &:= 2^9 + 10^0 + 14^2 + 22^0 + 22^0 = 29 + 100 + 142 + 220 + 220 \\ 711 &:= 2^9 + 11^0 + 14^2 + 16^0 + 27^0 = 29 + 110 + 142 + 160 + 270 \\ 711 &:= 2^9 + 11^0 + 14^2 + 17^0 + 26^0 = 29 + 110 + 142 + 170 + 260 \\ 711 &:= 2^9 + 11^0 + 14^2 + 18^0 + 25^0 = 29 + 110 + 142 + 180 + 250 \\ 711 &:= 2^9 + 11^0 + 14^2 + 19^0 + 24^0 = 29 + 110 + 142 + 190 + 240 \\ 711 &:= 2^9 + 11^0 + 14^2 + 20^0 + 23^0 = 29 + 110 + 142 + 200 + 230 \\ 711 &:= 2^9 + 11^0 + 14^2 + 21^0 + 22^0 = 29 + 110 + 142 + 210 + 220 \\ 711 &:= 2^9 + 12^0 + 14^2 + 15^0 + 27^0 = 29 + 120 + 142 + 150 + 270 \\ 711 &:= 2^9 + 12^0 + 14^2 + 16^0 + 26^0 = 29 + 120 + 142 + 160 + 260 \\ 711 &:= 2^9 + 12^0 + 14^2 + 17^0 + 25^0 = 29 + 120 + 142 + 170 + 250 \\ 711 &:= 2^9 + 12^0 + 14^2 + 18^0 + 24^0 = 29 + 120 + 142 + 180 + 240 \\ 711 &:= 2^9 + 12^0 + 14^2 + 19^0 + 23^0 = 29 + 120 + 142 + 190 + 230 \\ 711 &:= 2^9 + 12^0 + 14^2 + 20^0 + 22^0 = 29 + 120 + 142 + 200 + 220 \\ 711 &:= 2^9 + 12^0 + 14^2 + 21^0 + 21^0 = 29 + 120 + 142 + 210 + 210 \\ 711 &:= 2^9 + 13^0 + 14^0 + 14^2 + 27^0 = 29 + 130 + 140 + 142 + 270 \\ 711 &:= 2^9 + 13^0 + 14^2 + 15^0 + 26^0 = 29 + 130 + 142 + 150 + 260 \\ 711 &:= 2^9 + 13^0 + 14^2 + 16^0 + 25^0 = 29 + 130 + 142 + 160 + 250 \\ 711 &:= 2^9 + 13^0 + 14^2 + 17^0 + 24^0 = 29 + 130 + 142 + 170 + 240 \\ 711 &:= 2^9 + 13^0 + 14^2 + 18^0 + 23^0 = 29 + 130 + 142 + 180 + 230 \\ 711 &:= 2^9 + 13^0 + 14^2 + 19^0 + 22^0 = 29 + 130 + 142 + 190 + 220 \\ 711 &:= 2^9 + 13^0 + 14^2 + 20^0 + 21^0 = 29 + 130 + 142 + 200 + 210 \\ 711 &:= 2^9 + 14^0 + 14^0 + 14^2 + 26^0 = 29 + 140 + 140 + 142 + 260 \\ 711 &:= 2^9 + 14^0 + 14^2 + 15^0 + 25^0 = 29 + 140 + 142 + 150 + 250 \\ 711 &:= 2^9 + 14^0 + 14^2 + 16^0 + 24^0 = 29 + 140 + 142 + 160 + 240 \\ 711 &:= 2^9 + 14^0 + 14^2 + 17^0 + 23^0 = 29 + 140 + 142 + 170 + 230 \\ 711 &:= 2^9 + 14^0 + 14^2 + 18^0 + 22^0 = 29 + 140 + 142 + 180 + 220 \\ 711 &:= 2^9 + 14^0 + 14^2 + 19^0 + 21^0 = 29 + 140 + 142 + 190 + 210 \\ 711 &:= 2^9 + 14^0 + 14^2 + 20^0 + 20^0 = 29 + 140 + 142 + 200 + 200 \end{aligned}$$

$$\begin{aligned}
 711 &:= 2^9 + 14^2 + 15^0 + 15^0 + 24^0 = 29 + 142 + 150 + 150 + 240 \\
 711 &:= 2^9 + 14^2 + 15^0 + 16^0 + 23^0 = 29 + 142 + 150 + 160 + 230 \\
 711 &:= 2^9 + 14^2 + 15^0 + 17^0 + 22^0 = 29 + 142 + 150 + 170 + 220 \\
 711 &:= 2^9 + 14^2 + 15^0 + 18^0 + 21^0 = 29 + 142 + 150 + 180 + 210 \\
 711 &:= 2^9 + 14^2 + 15^0 + 19^0 + 20^0 = 29 + 142 + 150 + 190 + 200 \\
 711 &:= 2^9 + 14^2 + 16^0 + 16^0 + 22^0 = 29 + 142 + 160 + 160 + 220 \\
 711 &:= 2^9 + 14^2 + 16^0 + 17^0 + 21^0 = 29 + 142 + 160 + 170 + 210 \\
 711 &:= 2^9 + 14^2 + 16^0 + 18^0 + 20^0 = 29 + 142 + 160 + 180 + 200 \\
 711 &:= 2^9 + 14^2 + 16^0 + 19^0 + 19^0 = 29 + 142 + 160 + 190 + 190 \\
 711 &:= 2^9 + 14^2 + 17^0 + 17^0 + 20^0 = 29 + 142 + 170 + 170 + 200 \\
 711 &:= 2^9 + 14^2 + 17^0 + 18^0 + 19^0 = 29 + 142 + 170 + 180 + 190 \\
 711 &:= 2^9 + 14^2 + 18^0 + 18^0 + 18^0 = 29 + 142 + 180 + 180 + 180 \\
 711 &:= 2^9 + 3^0 + 14^2 + 24^0 + 27^0 = 29 + 30 + 142 + 240 + 270 \\
 711 &:= 2^9 + 3^0 + 14^2 + 25^0 + 26^0 = 29 + 30 + 142 + 250 + 260 \\
 711 &:= 2^9 + 4^0 + 14^2 + 23^0 + 27^0 = 29 + 40 + 142 + 230 + 270 \\
 711 &:= 2^9 + 4^0 + 14^2 + 24^0 + 26^0 = 29 + 40 + 142 + 240 + 260 \\
 711 &:= 2^9 + 4^0 + 14^2 + 25^0 + 25^0 = 29 + 40 + 142 + 250 + 250 \\
 711 &:= 2^9 + 5^0 + 14^2 + 22^0 + 27^0 = 29 + 50 + 142 + 220 + 270 \\
 711 &:= 2^9 + 5^0 + 14^2 + 23^0 + 26^0 = 29 + 50 + 142 + 230 + 260 \\
 711 &:= 2^9 + 5^0 + 14^2 + 24^0 + 25^0 = 29 + 50 + 142 + 240 + 250 \\
 711 &:= 2^9 + 6^0 + 14^2 + 21^0 + 27^0 = 29 + 60 + 142 + 210 + 270 \\
 711 &:= 2^9 + 6^0 + 14^2 + 22^0 + 26^0 = 29 + 60 + 142 + 220 + 260
 \end{aligned}$$

$$\begin{aligned}
 711 &:= 2^9 + 6^0 + 14^2 + 23^0 + 25^0 = 29 + 60 + 142 + 230 + 250 \\
 711 &:= 2^9 + 6^0 + 14^2 + 24^0 + 24^0 = 29 + 60 + 142 + 240 + 240 \\
 711 &:= 2^9 + 7^0 + 14^2 + 20^0 + 27^0 = 29 + 70 + 142 + 200 + 270 \\
 711 &:= 2^9 + 7^0 + 14^2 + 21^0 + 26^0 = 29 + 70 + 142 + 210 + 260 \\
 711 &:= 2^9 + 7^0 + 14^2 + 22^0 + 25^0 = 29 + 70 + 142 + 220 + 250 \\
 711 &:= 2^9 + 7^0 + 14^2 + 23^0 + 24^0 = 29 + 70 + 142 + 230 + 240 \\
 711 &:= 2^9 + 8^0 + 14^2 + 19^0 + 27^0 = 29 + 80 + 142 + 190 + 270 \\
 711 &:= 2^9 + 8^0 + 14^2 + 20^0 + 26^0 = 29 + 80 + 142 + 200 + 260 \\
 711 &:= 2^9 + 8^0 + 14^2 + 21^0 + 25^0 = 29 + 80 + 142 + 210 + 250 \\
 711 &:= 2^9 + 8^0 + 14^2 + 22^0 + 24^0 = 29 + 80 + 142 + 220 + 240 \\
 711 &:= 2^9 + 8^0 + 14^2 + 23^0 + 23^0 = 29 + 80 + 142 + 230 + 230 \\
 711 &:= 2^9 + 9^0 + 14^2 + 18^0 + 27^0 = 29 + 90 + 142 + 180 + 270 \\
 711 &:= 2^9 + 9^0 + 14^2 + 19^0 + 26^0 = 29 + 90 + 142 + 190 + 260 \\
 711 &:= 2^9 + 9^0 + 14^2 + 20^0 + 25^0 = 29 + 90 + 142 + 200 + 250 \\
 711 &:= 2^9 + 9^0 + 14^2 + 21^0 + 24^0 = 29 + 90 + 142 + 210 + 240 \\
 711 &:= 2^9 + 9^0 + 14^2 + 22^0 + 23^0 = 29 + 90 + 142 + 220 + 230 \\
 711 &:= 3^4 + 3^4 + 19^1 + 22^0 + 23^2 = 34 + 34 + 191 + 220 + 232 \\
 711 &:= 3^5 + 5^3 + 18^1 + 18^2 + 26^0 = 35 + 53 + 181 + 182 + 260 \\
 711 &:= 3^5 + 6^3 + 15^2 + 20^0 + 26^1 = 35 + 63 + 152 + 200 + 261 \\
 711 &:= 3^5 + 7^3 + 10^2 + 24^1 + 26^0 = 35 + 73 + 102 + 241 + 260
 \end{aligned}$$

2.2.613 Number 712

$$\begin{aligned}
 712 &:= 2^9 + 12^2 + 56^1 = 29 + 122 + 561 \\
 712 &:= 1^0 + 2^9 + 12^2 + 55^1 = 10 + 29 + 122 + 551 \\
 712 &:= 1^6 + 7^3 + 18^2 + 44^1 = 16 + 73 + 182 + 441 \\
 712 &:= 1^7 + 10^2 + 24^2 + 35^1 = 17 + 102 + 242 + 351 \\
 712 &:= 1^7 + 7^2 + 25^2 + 37^1 = 17 + 72 + 252 + 371 \\
 712 &:= 1^9 + 9^0 + 26^2 + 34^1 = 19 + 90 + 262 + 341 \\
 712 &:= 2^7 + 15^2 + 18^2 + 35^1 = 27 + 152 + 182 + 351 \\
 712 &:= 2^9 + 13^2 + 25^0 + 30^1 = 29 + 132 + 250 + 301 \\
 712 &:= 2^9 + 3^1 + 14^2 + 51^0 = 29 + 31 + 142 + 510 \\
 712 &:= 3^5 + 3^5 + 15^2 + 49^0 = 35 + 35 + 152 + 490 \\
 712 &:= 1^3 + 2^6 + 21^0 + 21^1 + 25^2 = 13 + 26 + 210 + 211 + 252 \\
 712 &:= 1^4 + 3^5 + 19^0 + 21^2 + 26^1 = 14 + 35 + 190 + 212 + 261 \\
 712 &:= 1^5 + 10^2 + 10^2 + 22^2 + 27^1 = 15 + 102 + 102 + 222 + 271 \\
 712 &:= 1^5 + 10^2 + 12^2 + 21^2 + 26^1 = 15 + 102 + 122 + 212 + 261
 \end{aligned}$$

$$\begin{aligned}
 712 &:= 1^5 + 10^2 + 15^2 + 19^2 + 25^1 = 15 + 102 + 152 + 192 + 251 \\
 712 &:= 1^5 + 2^4 + 18^1 + 23^0 + 26^2 = 15 + 24 + 181 + 230 + 262 \\
 712 &:= 1^5 + 6^2 + 18^2 + 18^2 + 27^1 = 15 + 62 + 182 + 182 + 271 \\
 712 &:= 1^5 + 7^3 + 17^1 + 18^2 + 27^1 = 15 + 73 + 171 + 182 + 271 \\
 712 &:= 1^5 + 7^3 + 18^1 + 18^2 + 26^1 = 15 + 73 + 181 + 182 + 261 \\
 712 &:= 1^5 + 7^3 + 18^2 + 19^1 + 25^1 = 15 + 73 + 182 + 191 + 251 \\
 712 &:= 1^5 + 7^3 + 18^2 + 20^1 + 24^1 = 15 + 73 + 182 + 201 + 241 \\
 712 &:= 1^5 + 7^3 + 18^2 + 21^1 + 23^1 = 15 + 73 + 182 + 211 + 231 \\
 712 &:= 1^5 + 7^3 + 18^2 + 22^1 + 22^1 = 15 + 73 + 182 + 221 + 221 \\
 712 &:= 1^6 + 10^1 + 10^2 + 24^2 + 25^1 = 16 + 101 + 102 + 242 + 251 \\
 712 &:= 1^6 + 10^2 + 11^1 + 24^1 + 24^2 = 16 + 102 + 111 + 241 + 242 \\
 712 &:= 1^6 + 10^2 + 12^1 + 23^1 + 24^2 = 16 + 102 + 121 + 231 + 242 \\
 712 &:= 1^6 + 10^2 + 13^1 + 22^1 + 24^2 = 16 + 102 + 131 + 221 + 242 \\
 712 &:= 1^6 + 10^2 + 13^2 + 21^2 + 25^0 = 16 + 102 + 132 + 212 + 250
 \end{aligned}$$

$$\begin{aligned} 712 &:= 1^6 + 10^2 + 14^1 + 21^1 + 24^2 = 16 + 102 + 141 + 211 + 242 & 712 &:= 1^8 + 7^1 + 9^0 + 26^2 + 27^1 = 18 + 71 + 90 + 262 + 271 \\ 712 &:= 1^6 + 10^2 + 15^1 + 20^1 + 24^2 = 16 + 102 + 151 + 201 + 242 & 712 &:= 1^8 + 8^0 + 15^2 + 22^2 + 24^0 = 18 + 80 + 152 + 222 + 240 \\ 712 &:= 1^6 + 10^2 + 16^1 + 19^1 + 24^2 = 16 + 102 + 161 + 191 + 242 & 712 &:= 1^8 + 8^1 + 9^0 + 26^1 + 26^2 = 18 + 81 + 90 + 261 + 262 \\ 712 &:= 1^6 + 10^2 + 17^1 + 18^1 + 24^2 = 16 + 102 + 171 + 181 + 242 & 712 &:= 1^8 + 9^0 + 10^1 + 24^1 + 26^2 = 18 + 90 + 101 + 241 + 262 \\ 712 &:= 1^6 + 14^2 + 15^2 + 17^2 + 23^0 = 16 + 142 + 152 + 172 + 230 & 712 &:= 1^8 + 9^0 + 11^1 + 23^1 + 26^2 = 18 + 90 + 111 + 231 + 262 \\ 712 &:= 1^6 + 2^3 + 15^0 + 26^1 + 26^2 = 16 + 23 + 150 + 261 + 262 & 712 &:= 1^8 + 9^0 + 12^1 + 22^1 + 26^2 = 18 + 90 + 121 + 221 + 262 \\ 712 &:= 1^6 + 4^3 + 19^0 + 21^1 + 25^2 = 16 + 43 + 190 + 211 + 252 & 712 &:= 1^8 + 9^0 + 13^1 + 21^1 + 26^2 = 18 + 90 + 131 + 211 + 262 \\ 712 &:= 1^6 + 5^2 + 18^2 + 19^2 + 27^0 = 16 + 52 + 182 + 192 + 270 & 712 &:= 1^8 + 9^0 + 14^1 + 20^1 + 26^2 = 18 + 90 + 141 + 201 + 262 \\ 712 &:= 1^6 + 7^2 + 10^1 + 25^2 + 27^1 = 16 + 72 + 101 + 252 + 271 & 712 &:= 1^8 + 9^0 + 15^1 + 19^1 + 26^2 = 18 + 90 + 151 + 191 + 262 \\ 712 &:= 1^6 + 7^2 + 11^1 + 25^2 + 26^1 = 16 + 72 + 111 + 252 + 261 & 712 &:= 1^8 + 9^0 + 15^2 + 22^2 + 23^0 = 18 + 90 + 152 + 222 + 230 \\ 712 &:= 1^6 + 7^2 + 12^1 + 25^1 + 25^2 = 16 + 72 + 121 + 251 + 252 & 712 &:= 1^8 + 9^0 + 16^1 + 18^1 + 26^2 = 18 + 90 + 161 + 181 + 262 \\ 712 &:= 1^6 + 7^2 + 13^1 + 24^1 + 25^2 = 16 + 72 + 131 + 241 + 252 & 712 &:= 1^8 + 9^0 + 17^1 + 17^1 + 26^2 = 18 + 90 + 171 + 171 + 262 \\ 712 &:= 1^6 + 7^2 + 14^1 + 23^1 + 25^2 = 16 + 72 + 141 + 231 + 252 & 712 &:= 1^8 + 9^0 + 9^1 + 25^1 + 26^2 = 18 + 90 + 91 + 251 + 262 \\ 712 &:= 1^6 + 7^2 + 15^1 + 22^1 + 25^2 = 16 + 72 + 151 + 221 + 252 & 712 &:= 2^1 + 2^9 + 14^2 + 25^0 + 27^0 = 21 + 29 + 142 + 250 + 270 \\ 712 &:= 1^6 + 7^2 + 16^1 + 21^1 + 25^2 = 16 + 72 + 161 + 211 + 252 & 712 &:= 2^1 + 2^9 + 14^2 + 26^0 + 26^0 = 21 + 29 + 142 + 260 + 260 \\ 712 &:= 1^6 + 7^2 + 17^1 + 20^1 + 25^2 = 16 + 72 + 171 + 201 + 252 & 712 &:= 2^3 + 2^6 + 14^1 + 25^2 + 27^0 = 23 + 26 + 141 + 252 + 270 \\ 712 &:= 1^6 + 7^2 + 18^1 + 19^1 + 25^2 = 16 + 72 + 181 + 191 + 252 & 712 &:= 2^5 + 12^2 + 16^2 + 16^2 + 24^1 = 25 + 122 + 162 + 162 + 241 \\ 712 &:= 1^6 + 8^1 + 10^2 + 24^2 + 27^1 = 16 + 81 + 102 + 242 + 271 & 712 &:= 2^5 + 3^4 + 19^0 + 22^1 + 24^2 = 25 + 34 + 190 + 221 + 242 \\ 712 &:= 1^6 + 9^1 + 10^2 + 24^2 + 26^1 = 16 + 91 + 102 + 242 + 261 & 712 &:= 2^5 + 4^3 + 13^1 + 24^2 + 27^1 = 25 + 43 + 131 + 242 + 271 \\ 712 &:= 1^6 + 9^2 + 10^2 + 23^2 + 27^0 = 16 + 92 + 102 + 232 + 270 & 712 &:= 2^5 + 4^3 + 14^1 + 24^2 + 26^1 = 25 + 43 + 141 + 242 + 261 \\ 712 &:= 1^7 + 11^0 + 17^2 + 20^2 + 21^1 = 17 + 110 + 172 + 202 + 211 & 712 &:= 2^5 + 4^3 + 15^1 + 24^2 + 25^1 = 25 + 43 + 151 + 242 + 251 \\ 712 &:= 1^7 + 11^2 + 13^1 + 21^0 + 24^2 = 17 + 112 + 131 + 210 + 242 & 712 &:= 2^5 + 4^3 + 16^1 + 24^1 + 24^2 = 25 + 43 + 161 + 241 + 242 \\ 712 &:= 1^7 + 12^1 + 13^2 + 21^0 + 23^2 = 17 + 121 + 132 + 210 + 232 & 712 &:= 2^5 + 4^3 + 17^1 + 23^1 + 24^2 = 25 + 43 + 171 + 231 + 242 \\ 712 &:= 1^7 + 13^1 + 16^2 + 19^0 + 21^2 = 17 + 131 + 162 + 190 + 212 & 712 &:= 2^5 + 4^3 + 18^1 + 22^1 + 24^2 = 25 + 43 + 181 + 221 + 242 \\ 712 &:= 1^7 + 3^2 + 15^0 + 25^1 + 26^2 = 17 + 32 + 150 + 251 + 262 & 712 &:= 2^5 + 4^3 + 19^1 + 21^1 + 24^2 = 25 + 43 + 191 + 211 + 242 \\ 712 &:= 1^7 + 4^2 + 18^1 + 21^0 + 26^2 = 17 + 42 + 181 + 210 + 262 & 712 &:= 2^5 + 4^3 + 20^1 + 20^1 + 24^2 = 25 + 43 + 201 + 201 + 242 \\ 712 &:= 1^7 + 7^0 + 18^2 + 19^2 + 25^1 = 17 + 70 + 182 + 192 + 251 & 712 &:= 2^5 + 4^4 + 20^2 + 21^0 + 23^1 = 25 + 44 + 202 + 210 + 231 \\ 712 &:= 1^7 + 8^2 + 15^0 + 21^1 + 25^2 = 17 + 82 + 150 + 211 + 252 & 712 &:= 2^5 + 6^2 + 16^2 + 19^2 + 27^1 = 25 + 62 + 162 + 192 + 271 \\ 712 &:= 1^8 + 10^0 + 15^2 + 22^0 + 22^2 = 18 + 100 + 152 + 220 + 222 & 712 &:= 2^7 + 11^2 + 15^0 + 21^1 + 21^2 = 27 + 112 + 150 + 211 + 212 \\ 712 &:= 1^8 + 11^0 + 15^2 + 21^0 + 22^2 = 18 + 110 + 152 + 210 + 222 & 712 &:= 2^7 + 13^2 + 14^1 + 20^2 + 21^0 = 27 + 132 + 141 + 202 + 210 \\ 712 &:= 1^8 + 12^0 + 15^2 + 20^0 + 22^2 = 18 + 120 + 152 + 200 + 222 & 712 &:= 2^7 + 6^2 + 18^1 + 21^0 + 23^2 = 27 + 62 + 181 + 210 + 232 \\ 712 &:= 1^8 + 13^0 + 15^2 + 19^0 + 22^2 = 18 + 130 + 152 + 190 + 222 & 712 &:= 2^7 + 9^0 + 14^2 + 19^2 + 26^1 = 27 + 90 + 142 + 192 + 261 \\ 712 &:= 1^8 + 14^0 + 15^2 + 18^0 + 22^2 = 18 + 140 + 152 + 180 + 222 & 712 &:= 2^7 + 9^2 + 18^1 + 19^0 + 22^2 = 27 + 92 + 181 + 190 + 222 \\ 712 &:= 1^8 + 15^0 + 15^2 + 17^0 + 22^2 = 18 + 150 + 152 + 170 + 222 & 712 &:= 3^4 + 3^5 + 19^0 + 19^2 + 26^1 = 34 + 35 + 190 + 192 + 261 \\ 712 &:= 1^8 + 15^2 + 16^0 + 16^0 + 22^2 = 18 + 152 + 160 + 160 + 222 & 712 &:= 3^5 + 4^3 + 17^1 + 19^2 + 27^1 = 35 + 43 + 171 + 192 + 271 \\ 712 &:= 1^8 + 5^0 + 15^2 + 22^2 + 27^0 = 18 + 50 + 152 + 222 + 270 & 712 &:= 3^5 + 4^3 + 18^1 + 19^2 + 26^1 = 35 + 43 + 181 + 192 + 261 \\ 712 &:= 1^8 + 6^0 + 15^2 + 22^2 + 26^0 = 18 + 60 + 152 + 222 + 260 & 712 &:= 3^5 + 4^3 + 19^1 + 19^2 + 25^1 = 35 + 43 + 191 + 192 + 251 \\ 712 &:= 1^8 + 7^0 + 15^2 + 22^2 + 25^0 = 18 + 70 + 152 + 222 + 250 & 712 &:= 3^5 + 4^3 + 19^2 + 20^1 + 24^1 = 35 + 43 + 192 + 201 + 241 \end{aligned}$$

$$712 := 3^5 + 4^3 + 19^2 + 21^1 + 23^1 = 35 + 43 + 192 + 211 + 231$$

$$712 := 3^5 + 4^3 + 19^2 + 22^1 + 22^1 = 35 + 43 + 192 + 221 + 221$$

2.2.614 Number 713

$713 := 9^0 + 26^2 + 36^1 = 90 + 262 + 361$	$713 := 1^9 + 8^0 + 14^1 + 21^1 + 26^2 = 19 + 80 + 141 + 211 + 262$
$713 := 1^0 + 9^0 + 26^2 + 35^1 = 10 + 90 + 262 + 351$	$713 := 1^9 + 8^0 + 15^1 + 20^1 + 26^2 = 19 + 80 + 151 + 201 + 262$
$713 := 2^0 + 8^0 + 26^2 + 35^1 = 20 + 80 + 262 + 351$	$713 := 1^9 + 8^0 + 16^1 + 19^1 + 26^2 = 19 + 80 + 161 + 191 + 262$
$713 := 2^2 + 2^9 + 14^2 + 52^0 = 22 + 29 + 142 + 520$	$713 := 1^9 + 8^0 + 17^1 + 18^1 + 26^2 = 19 + 80 + 171 + 181 + 262$
$713 := 2^9 + 10^2 + 10^2 + 48^0 = 29 + 102 + 102 + 480$	$713 := 1^9 + 8^0 + 8^1 + 26^2 + 27^1 = 19 + 80 + 81 + 262 + 271$
$713 := 3^0 + 7^0 + 26^2 + 35^1 = 30 + 70 + 262 + 351$	$713 := 1^9 + 8^0 + 9^1 + 26^1 + 26^2 = 19 + 80 + 91 + 261 + 262$
$713 := 4^0 + 6^0 + 26^2 + 35^1 = 40 + 60 + 262 + 351$	$713 := 2^5 + 2^5 + 18^0 + 23^1 + 25^2 = 25 + 25 + 180 + 231 + 252$
$713 := 5^0 + 5^0 + 26^2 + 35^1 = 50 + 50 + 262 + 351$	$713 := 2^7 + 5^3 + 18^1 + 21^2 + 24^0 = 27 + 53 + 181 + 212 + 240$
$713 := 1^4 + 2^6 + 20^0 + 22^1 + 25^2 = 14 + 26 + 200 + 221 + 252$	$713 := 2^8 + 12^2 + 16^0 + 17^2 + 23^1 = 28 + 122 + 160 + 172 + 231$
$713 := 1^5 + 3^5 + 18^0 + 21^2 + 27^1 = 15 + 35 + 180 + 212 + 271$	$713 := 2^8 + 6^2 + 20^1 + 20^2 + 22^0 = 28 + 62 + 201 + 202 + 220$
$713 := 1^6 + 2^4 + 19^1 + 22^0 + 26^2 = 16 + 24 + 191 + 220 + 262$	$713 := 2^8 + 9^2 + 14^1 + 19^2 + 26^0 = 28 + 92 + 141 + 192 + 260$
$713 := 1^7 + 2^3 + 14^0 + 26^2 + 27^1 = 17 + 23 + 140 + 262 + 271$	$713 := 2^9 + 10^1 + 13^2 + 21^1 + 24^0 = 29 + 101 + 132 + 211 + 240$
$713 := 1^7 + 4^3 + 18^0 + 22^1 + 25^2 = 17 + 43 + 180 + 221 + 252$	$713 := 2^9 + 11^1 + 13^2 + 20^1 + 24^0 = 29 + 111 + 132 + 201 + 240$
$713 := 1^8 + 10^0 + 17^2 + 20^2 + 22^1 = 18 + 100 + 172 + 202 + 221$	$713 := 2^9 + 12^1 + 13^2 + 19^1 + 24^0 = 29 + 121 + 132 + 191 + 240$
$713 := 1^8 + 11^2 + 14^1 + 20^0 + 24^2 = 18 + 112 + 141 + 200 + 242$	$713 := 2^9 + 13^1 + 13^2 + 18^1 + 24^0 = 29 + 131 + 132 + 181 + 240$
$713 := 1^8 + 13^1 + 13^2 + 20^0 + 23^2 = 18 + 131 + 132 + 200 + 232$	$713 := 2^9 + 13^2 + 14^1 + 17^1 + 24^0 = 29 + 132 + 141 + 171 + 240$
$713 := 1^8 + 14^1 + 16^2 + 18^0 + 21^2 = 18 + 141 + 162 + 180 + 212$	$713 := 2^9 + 13^2 + 15^1 + 16^1 + 24^0 = 29 + 132 + 151 + 161 + 240$
$713 := 1^8 + 3^2 + 14^0 + 26^1 + 26^2 = 18 + 32 + 140 + 261 + 262$	$713 := 2^9 + 4^1 + 13^2 + 24^0 + 27^1 = 29 + 41 + 132 + 240 + 271$
$713 := 1^8 + 4^2 + 19^1 + 20^0 + 26^2 = 18 + 42 + 191 + 200 + 262$	$713 := 2^9 + 5^1 + 13^2 + 24^0 + 26^1 = 29 + 51 + 132 + 240 + 261$
$713 := 1^8 + 6^0 + 18^2 + 19^2 + 26^1 = 18 + 60 + 182 + 192 + 261$	$713 := 2^9 + 6^1 + 13^2 + 24^0 + 25^1 = 29 + 61 + 132 + 240 + 251$
$713 := 1^8 + 8^2 + 14^0 + 22^1 + 25^2 = 18 + 82 + 140 + 221 + 252$	$713 := 2^9 + 7^1 + 13^2 + 24^0 + 24^1 = 29 + 71 + 132 + 240 + 241$
$713 := 1^9 + 8^0 + 10^1 + 25^1 + 26^2 = 19 + 80 + 101 + 251 + 262$	$713 := 2^9 + 8^1 + 13^2 + 23^1 + 24^0 = 29 + 81 + 132 + 231 + 240$
$713 := 1^9 + 8^0 + 11^1 + 24^1 + 26^2 = 19 + 80 + 111 + 241 + 262$	$713 := 2^9 + 9^1 + 13^2 + 22^1 + 24^0 = 29 + 91 + 132 + 221 + 240$
$713 := 1^9 + 8^0 + 12^1 + 23^1 + 26^2 = 19 + 80 + 121 + 231 + 262$	
$713 := 1^9 + 8^0 + 13^1 + 22^1 + 26^2 = 19 + 80 + 131 + 221 + 262$	

2.2.615 Number 714

$714 := 1^0 + 6^2 + 26^2 + 38^0 = 10 + 62 + 262 + 380$	$714 := 2^2 + 2^9 + 12^2 + 54^1 = 22 + 29 + 122 + 541$
$714 := 1^1 + 8^0 + 26^2 + 36^1 = 11 + 80 + 262 + 361$	$714 := 2^4 + 2^8 + 21^2 + 45^0 = 24 + 28 + 212 + 450$
$714 := 1^6 + 3^3 + 5^4 + 61^1 = 16 + 33 + 54 + 611$	$714 := 2^5 + 2^6 + 24^2 + 42^1 = 25 + 26 + 242 + 421$
$714 := 1^9 + 14^2 + 22^2 + 33^1 = 19 + 142 + 222 + 331$	$714 := 2^6 + 3^4 + 8^3 + 57^1 = 26 + 34 + 83 + 571$
$714 := 2^0 + 6^2 + 26^2 + 37^0 = 20 + 62 + 262 + 370$	$714 := 2^6 + 3^5 + 19^2 + 46^1 = 26 + 35 + 192 + 461$
$714 := 2^1 + 8^0 + 26^2 + 35^1 = 21 + 80 + 262 + 351$	$714 := 3^0 + 6^2 + 26^2 + 36^0 = 30 + 62 + 262 + 360$

$714 := 3^1 + 8^0 + 26^2 + 34^1$	$= 31 + 80 + 262 + 341$	$714 := 1^0 + 8^0 + 16^1 + 20^1 + 26^2$	$= 10 + 80 + 161 + 201 + 262$
$714 := 4^0 + 6^2 + 26^2 + 35^0$	$= 40 + 62 + 262 + 350$	$714 := 1^0 + 8^0 + 17^1 + 19^1 + 26^2$	$= 10 + 80 + 171 + 191 + 262$
$714 := 4^1 + 8^0 + 26^2 + 33^1$	$= 41 + 80 + 262 + 331$	$714 := 1^0 + 8^0 + 18^1 + 18^1 + 26^2$	$= 10 + 80 + 181 + 181 + 262$
$714 := 5^0 + 6^2 + 26^2 + 34^0$	$= 50 + 62 + 262 + 340$	$714 := 1^0 + 8^0 + 9^1 + 26^2 + 27^1$	$= 10 + 80 + 91 + 262 + 271$
$714 := 5^1 + 8^0 + 26^2 + 32^1$	$= 51 + 80 + 262 + 321$	$714 := 1^5 + 2^6 + 19^0 + 23^1 + 25^2$	$= 15 + 26 + 190 + 231 + 252$
$714 := 6^0 + 6^2 + 26^2 + 33^0$	$= 60 + 62 + 262 + 330$	$714 := 1^7 + 12^2 + 12^2 + 20^2 + 25^1$	$= 17 + 122 + 122 + 202 + 251$
$714 := 6^1 + 8^0 + 26^2 + 31^1$	$= 61 + 80 + 262 + 311$	$714 := 1^7 + 12^2 + 16^2 + 17^2 + 24^1$	$= 17 + 122 + 162 + 172 + 241$
$714 := 6^2 + 10^0 + 26^2 + 29^0$	$= 62 + 100 + 262 + 290$	$714 := 1^7 + 13^2 + 14^2 + 18^2 + 24^1$	$= 17 + 132 + 142 + 182 + 241$
$714 := 6^2 + 11^0 + 26^2 + 28^0$	$= 62 + 110 + 262 + 280$	$714 := 1^7 + 2^4 + 20^1 + 21^0 + 26^2$	$= 17 + 24 + 201 + 210 + 262$
$714 := 6^2 + 12^0 + 26^2 + 27^0$	$= 62 + 120 + 262 + 270$	$714 := 1^7 + 6^2 + 17^2 + 19^2 + 27^1$	$= 17 + 62 + 172 + 192 + 271$
$714 := 6^2 + 13^0 + 26^0 + 26^2$	$= 62 + 130 + 260 + 262$	$714 := 1^7 + 7^2 + 14^2 + 21^2 + 27^1$	$= 17 + 72 + 142 + 212 + 271$
$714 := 6^2 + 14^0 + 25^0 + 26^2$	$= 62 + 140 + 250 + 262$	$714 := 1^7 + 9^2 + 11^2 + 22^2 + 27^1$	$= 17 + 92 + 112 + 222 + 271$
$714 := 6^2 + 15^0 + 24^0 + 26^2$	$= 62 + 150 + 240 + 262$	$714 := 1^8 + 10^1 + 14^2 + 22^2 + 23^1$	$= 18 + 101 + 142 + 222 + 231$
$714 := 6^2 + 16^0 + 23^0 + 26^2$	$= 62 + 160 + 230 + 262$	$714 := 1^8 + 11^1 + 14^2 + 22^1 + 22^2$	$= 18 + 111 + 142 + 221 + 222$
$714 := 6^2 + 17^0 + 22^0 + 26^2$	$= 62 + 170 + 220 + 262$	$714 := 1^8 + 12^1 + 14^2 + 21^1 + 22^2$	$= 18 + 121 + 142 + 211 + 222$
$714 := 6^2 + 18^0 + 21^0 + 26^2$	$= 62 + 180 + 210 + 262$	$714 := 1^8 + 13^1 + 14^2 + 20^1 + 22^2$	$= 18 + 131 + 142 + 201 + 222$
$714 := 6^2 + 19^0 + 20^0 + 26^2$	$= 62 + 190 + 200 + 262$	$714 := 1^8 + 14^1 + 14^2 + 19^1 + 22^2$	$= 18 + 141 + 142 + 191 + 222$
$714 := 6^2 + 7^0 + 26^2 + 32^0$	$= 62 + 70 + 262 + 320$	$714 := 1^8 + 14^2 + 15^1 + 18^1 + 22^2$	$= 18 + 142 + 151 + 181 + 222$
$714 := 6^2 + 8^0 + 26^2 + 31^0$	$= 62 + 80 + 262 + 310$	$714 := 1^8 + 14^2 + 16^1 + 17^1 + 22^2$	$= 18 + 142 + 161 + 171 + 222$
$714 := 6^2 + 9^0 + 26^2 + 30^0$	$= 62 + 90 + 262 + 300$	$714 := 1^8 + 4^3 + 17^0 + 23^1 + 25^2$	$= 18 + 43 + 170 + 231 + 252$
$714 := 7^1 + 8^0 + 26^2 + 30^1$	$= 71 + 80 + 262 + 301$	$714 := 1^8 + 6^1 + 14^2 + 22^2 + 27^1$	$= 18 + 61 + 142 + 222 + 271$
$714 := 8^0 + 10^1 + 26^2 + 27^1$	$= 80 + 101 + 262 + 271$	$714 := 1^8 + 7^1 + 14^2 + 22^2 + 26^1$	$= 18 + 71 + 142 + 222 + 261$
$714 := 8^0 + 11^1 + 26^1 + 26^2$	$= 80 + 111 + 261 + 262$	$714 := 1^8 + 8^1 + 14^2 + 22^2 + 25^1$	$= 18 + 81 + 142 + 222 + 251$
$714 := 8^0 + 12^1 + 25^1 + 26^2$	$= 80 + 121 + 251 + 262$	$714 := 1^8 + 8^2 + 18^2 + 18^2 + 25^0$	$= 18 + 82 + 182 + 182 + 250$
$714 := 8^0 + 13^1 + 24^1 + 26^2$	$= 80 + 131 + 241 + 262$	$714 := 1^8 + 9^1 + 14^2 + 22^2 + 24^1$	$= 18 + 91 + 142 + 222 + 241$
$714 := 8^0 + 14^1 + 23^1 + 26^2$	$= 80 + 141 + 231 + 262$	$714 := 1^9 + 11^2 + 15^1 + 19^0 + 24^2$	$= 19 + 112 + 151 + 190 + 242$
$714 := 8^0 + 15^1 + 22^1 + 26^2$	$= 80 + 151 + 221 + 262$	$714 := 1^9 + 13^2 + 14^1 + 19^0 + 23^2$	$= 19 + 132 + 141 + 190 + 232$
$714 := 8^0 + 16^1 + 21^1 + 26^2$	$= 80 + 161 + 211 + 262$	$714 := 1^9 + 15^1 + 16^2 + 17^0 + 21^2$	$= 19 + 151 + 162 + 170 + 212$
$714 := 8^0 + 17^1 + 20^1 + 26^2$	$= 80 + 171 + 201 + 262$	$714 := 1^9 + 3^2 + 13^0 + 26^2 + 27^1$	$= 19 + 32 + 130 + 262 + 271$
$714 := 8^0 + 18^1 + 19^1 + 26^2$	$= 80 + 181 + 191 + 262$	$714 := 1^9 + 4^2 + 19^0 + 20^1 + 26^2$	$= 19 + 42 + 190 + 201 + 262$
$714 := 8^0 + 8^1 + 26^2 + 29^1$	$= 80 + 81 + 262 + 291$	$714 := 1^9 + 5^0 + 18^2 + 19^2 + 27^1$	$= 19 + 50 + 182 + 192 + 271$
$714 := 8^0 + 9^1 + 26^2 + 28^1$	$= 80 + 91 + 262 + 281$	$714 := 1^9 + 5^2 + 11^1 + 26^2 + 27^0$	$= 19 + 52 + 111 + 262 + 270$
$714 := 1^0 + 8^0 + 10^1 + 26^1 + 26^2$	$= 10 + 80 + 101 + 261 + 262$	$714 := 1^9 + 8^2 + 13^0 + 23^1 + 25^2$	$= 19 + 82 + 130 + 231 + 252$
$714 := 1^0 + 8^0 + 11^1 + 25^1 + 26^2$	$= 10 + 80 + 111 + 251 + 262$	$714 := 1^9 + 9^0 + 17^2 + 20^2 + 23^1$	$= 19 + 90 + 172 + 202 + 231$
$714 := 1^0 + 8^0 + 12^1 + 24^1 + 26^2$	$= 10 + 80 + 121 + 241 + 262$	$714 := 2^0 + 7^0 + 10^1 + 26^1 + 26^2$	$= 20 + 70 + 101 + 261 + 262$
$714 := 1^0 + 8^0 + 13^1 + 23^1 + 26^2$	$= 10 + 80 + 131 + 231 + 262$	$714 := 2^0 + 7^0 + 11^1 + 25^1 + 26^2$	$= 20 + 70 + 111 + 251 + 262$
$714 := 1^0 + 8^0 + 14^1 + 22^1 + 26^2$	$= 10 + 80 + 141 + 221 + 262$	$714 := 2^0 + 7^0 + 12^1 + 24^1 + 26^2$	$= 20 + 70 + 121 + 241 + 262$
$714 := 1^0 + 8^0 + 15^1 + 21^1 + 26^2$	$= 10 + 80 + 151 + 211 + 262$	$714 := 2^0 + 7^0 + 13^1 + 23^1 + 26^2$	$= 20 + 70 + 131 + 231 + 262$

$$\begin{aligned}
 714 &:= 2^0 + 7^0 + 14^1 + 22^1 + 26^2 = 20 + 70 + 141 + 221 + 262 \\
 714 &:= 2^0 + 7^0 + 15^1 + 21^1 + 26^2 = 20 + 70 + 151 + 211 + 262 \\
 714 &:= 2^0 + 7^0 + 16^1 + 20^1 + 26^2 = 20 + 70 + 161 + 201 + 262 \\
 714 &:= 2^0 + 7^0 + 17^1 + 19^1 + 26^2 = 20 + 70 + 171 + 191 + 262 \\
 714 &:= 2^0 + 7^0 + 18^1 + 18^1 + 26^2 = 20 + 70 + 181 + 181 + 262 \\
 714 &:= 2^0 + 7^0 + 9^1 + 26^2 + 27^1 = 20 + 70 + 91 + 262 + 271 \\
 714 &:= 2^7 + 3^4 + 20^1 + 22^2 + 23^0 = 27 + 34 + 201 + 222 + 230 \\
 714 &:= 2^7 + 7^3 + 14^2 + 20^1 + 27^1 = 27 + 73 + 142 + 201 + 271 \\
 714 &:= 2^7 + 7^3 + 14^2 + 21^1 + 26^1 = 27 + 73 + 142 + 211 + 261 \\
 714 &:= 2^7 + 7^3 + 14^2 + 22^1 + 25^1 = 27 + 73 + 142 + 221 + 251 \\
 714 &:= 2^7 + 7^3 + 14^2 + 23^1 + 24^1 = 27 + 73 + 142 + 231 + 241 \\
 714 &:= 3^0 + 6^0 + 10^1 + 26^1 + 26^2 = 30 + 60 + 101 + 261 + 262 \\
 714 &:= 3^0 + 6^0 + 11^1 + 25^1 + 26^2 = 30 + 60 + 111 + 251 + 262 \\
 714 &:= 3^0 + 6^0 + 12^1 + 24^1 + 26^2 = 30 + 60 + 121 + 241 + 262 \\
 714 &:= 3^0 + 6^0 + 13^1 + 23^1 + 26^2 = 30 + 60 + 131 + 231 + 262 \\
 714 &:= 3^0 + 6^0 + 14^1 + 22^1 + 26^2 = 30 + 60 + 141 + 221 + 262
 \end{aligned}$$

$$\begin{aligned}
 714 &:= 3^0 + 6^0 + 15^1 + 21^1 + 26^2 = 30 + 60 + 151 + 211 + 262 \\
 714 &:= 3^0 + 6^0 + 16^1 + 20^1 + 26^2 = 30 + 60 + 161 + 201 + 262 \\
 714 &:= 3^0 + 6^0 + 17^1 + 19^1 + 26^2 = 30 + 60 + 171 + 191 + 262 \\
 714 &:= 3^0 + 6^0 + 18^1 + 18^1 + 26^2 = 30 + 60 + 181 + 181 + 262 \\
 714 &:= 3^0 + 6^0 + 9^1 + 26^2 + 27^1 = 30 + 60 + 91 + 262 + 271 \\
 714 &:= 4^0 + 5^0 + 10^1 + 26^1 + 26^2 = 40 + 50 + 101 + 261 + 262 \\
 714 &:= 4^0 + 5^0 + 11^1 + 25^1 + 26^2 = 40 + 50 + 111 + 251 + 262 \\
 714 &:= 4^0 + 5^0 + 12^1 + 24^1 + 26^2 = 40 + 50 + 121 + 241 + 262 \\
 714 &:= 4^0 + 5^0 + 13^1 + 23^1 + 26^2 = 40 + 50 + 131 + 231 + 262 \\
 714 &:= 4^0 + 5^0 + 14^1 + 22^1 + 26^2 = 40 + 50 + 141 + 221 + 262 \\
 714 &:= 4^0 + 5^0 + 15^1 + 21^1 + 26^2 = 40 + 50 + 151 + 211 + 262 \\
 714 &:= 4^0 + 5^0 + 16^1 + 20^1 + 26^2 = 40 + 50 + 161 + 201 + 262 \\
 714 &:= 4^0 + 5^0 + 17^1 + 19^1 + 26^2 = 40 + 50 + 171 + 191 + 262 \\
 714 &:= 4^0 + 5^0 + 18^1 + 18^1 + 26^2 = 40 + 50 + 181 + 181 + 262 \\
 714 &:= 4^0 + 5^0 + 9^1 + 26^2 + 27^1 = 40 + 50 + 91 + 262 + 271
 \end{aligned}$$

2.2.616 Number 715

$$\begin{aligned}
 715 &:= 14^2 + 22^2 + 35^1 = 142 + 222 + 351 \\
 715 &:= 1^0 + 14^2 + 22^2 + 34^1 = 10 + 142 + 222 + 341 \\
 715 &:= 1^2 + 7^0 + 26^2 + 37^1 = 12 + 70 + 262 + 371 \\
 715 &:= 11^2 + 17^1 + 19^0 + 24^2 = 112 + 171 + 190 + 242 \\
 715 &:= 13^2 + 16^1 + 19^0 + 23^2 = 132 + 161 + 190 + 232 \\
 715 &:= 16^2 + 17^0 + 17^1 + 21^2 = 162 + 170 + 171 + 212 \\
 715 &:= 2^1 + 6^2 + 26^2 + 37^0 = 21 + 62 + 262 + 370 \\
 715 &:= 2^2 + 9^0 + 26^2 + 34^1 = 22 + 90 + 262 + 341 \\
 715 &:= 2^7 + 3^5 + 7^3 + 58^0 = 27 + 35 + 73 + 580 \\
 715 &:= 2^9 + 3^4 + 11^2 + 54^0 = 29 + 34 + 112 + 540 \\
 715 &:= 3^2 + 13^0 + 26^2 + 29^1 = 32 + 130 + 262 + 291 \\
 715 &:= 4^2 + 19^0 + 22^1 + 26^2 = 42 + 190 + 221 + 262 \\
 715 &:= 5^0 + 18^2 + 19^2 + 29^1 = 50 + 182 + 192 + 291 \\
 715 &:= 5^1 + 15^2 + 22^2 + 29^0 = 51 + 152 + 222 + 290 \\
 715 &:= 5^2 + 13^1 + 26^2 + 27^0 = 52 + 131 + 262 + 270 \\
 715 &:= 8^1 + 9^2 + 25^2 + 29^0 = 81 + 92 + 252 + 290 \\
 715 &:= 8^2 + 13^0 + 25^1 + 25^2 = 82 + 130 + 251 + 252 \\
 715 &:= 9^0 + 17^2 + 20^2 + 25^1 = 90 + 172 + 202 + 251 \\
 715 &:= 1^0 + 11^2 + 16^1 + 19^0 + 24^2 = 10 + 112 + 161 + 190 + 242
 \end{aligned}$$

$$\begin{aligned}
 715 &:= 1^0 + 13^2 + 15^1 + 19^0 + 23^2 = 10 + 132 + 151 + 190 + 232 \\
 715 &:= 1^0 + 16^1 + 16^2 + 17^0 + 21^2 = 10 + 161 + 162 + 170 + 212 \\
 715 &:= 1^0 + 4^2 + 19^0 + 21^1 + 26^2 = 10 + 42 + 190 + 211 + 262 \\
 715 &:= 1^0 + 5^2 + 12^1 + 26^2 + 27^0 = 10 + 52 + 121 + 262 + 270 \\
 715 &:= 1^0 + 8^2 + 13^0 + 24^1 + 25^2 = 10 + 82 + 130 + 241 + 252 \\
 715 &:= 1^0 + 9^0 + 17^2 + 20^2 + 24^1 = 10 + 90 + 172 + 202 + 241 \\
 715 &:= 1^1 + 6^2 + 11^0 + 26^2 + 27^0 = 11 + 62 + 110 + 262 + 270 \\
 715 &:= 1^1 + 6^2 + 12^0 + 26^0 + 26^2 = 11 + 62 + 120 + 260 + 262 \\
 715 &:= 1^1 + 6^2 + 13^0 + 25^0 + 26^2 = 11 + 62 + 130 + 250 + 262 \\
 715 &:= 1^1 + 6^2 + 14^0 + 24^0 + 26^2 = 11 + 62 + 140 + 240 + 262 \\
 715 &:= 1^1 + 6^2 + 15^0 + 23^0 + 26^2 = 11 + 62 + 150 + 230 + 262 \\
 715 &:= 1^1 + 6^2 + 16^0 + 22^0 + 26^2 = 11 + 62 + 160 + 220 + 262 \\
 715 &:= 1^1 + 6^2 + 17^0 + 21^0 + 26^2 = 11 + 62 + 170 + 210 + 262 \\
 715 &:= 1^1 + 6^2 + 18^0 + 20^0 + 26^2 = 11 + 62 + 180 + 200 + 262 \\
 715 &:= 1^1 + 6^2 + 19^0 + 19^0 + 26^2 = 11 + 62 + 190 + 190 + 262 \\
 715 &:= 1^1 + 7^0 + 10^1 + 26^2 + 27^1 = 11 + 70 + 101 + 262 + 271 \\
 715 &:= 1^1 + 7^0 + 11^1 + 26^1 + 26^2 = 11 + 70 + 111 + 261 + 262 \\
 715 &:= 1^1 + 7^0 + 12^1 + 25^1 + 26^2 = 11 + 70 + 121 + 251 + 262 \\
 715 &:= 1^1 + 7^0 + 13^1 + 24^1 + 26^2 = 11 + 70 + 131 + 241 + 262
 \end{aligned}$$

$$\begin{aligned} 715 &:= 1^1 + 7^0 + 14^1 + 23^1 + 26^2 = 11 + 70 + 141 + 231 + 262 & 715 &:= 3^0 + 8^2 + 11^0 + 24^1 + 25^2 = 30 + 82 + 110 + 241 + 252 \\ 715 &:= 1^1 + 7^0 + 15^1 + 22^1 + 26^2 = 11 + 70 + 151 + 221 + 262 & 715 &:= 3^1 + 7^0 + 10^1 + 25^1 + 26^2 = 31 + 70 + 101 + 251 + 262 \\ 715 &:= 1^1 + 7^0 + 16^1 + 21^1 + 26^2 = 11 + 70 + 161 + 211 + 262 & 715 &:= 3^1 + 7^0 + 11^1 + 24^1 + 26^2 = 31 + 70 + 111 + 241 + 262 \\ 715 &:= 1^1 + 7^0 + 17^1 + 20^1 + 26^2 = 11 + 70 + 171 + 201 + 262 & 715 &:= 3^1 + 7^0 + 12^1 + 23^1 + 26^2 = 31 + 70 + 121 + 231 + 262 \\ 715 &:= 1^1 + 7^0 + 18^1 + 19^1 + 26^2 = 11 + 70 + 181 + 191 + 262 & 715 &:= 3^1 + 7^0 + 13^1 + 22^1 + 26^2 = 31 + 70 + 131 + 221 + 262 \\ 715 &:= 1^6 + 2^6 + 18^0 + 24^1 + 25^2 = 16 + 26 + 180 + 241 + 252 & 715 &:= 3^1 + 7^0 + 14^1 + 21^1 + 26^2 = 31 + 70 + 141 + 211 + 262 \\ 715 &:= 1^8 + 2^4 + 20^0 + 21^1 + 26^2 = 18 + 24 + 200 + 211 + 262 & 715 &:= 3^1 + 7^0 + 15^1 + 20^1 + 26^2 = 31 + 70 + 151 + 201 + 262 \\ 715 &:= 1^9 + 10^2 + 17^2 + 18^2 + 24^0 = 19 + 102 + 172 + 182 + 240 & 715 &:= 3^1 + 7^0 + 16^1 + 19^1 + 26^2 = 31 + 70 + 161 + 191 + 262 \\ 715 &:= 1^9 + 12^2 + 13^2 + 20^2 + 24^0 = 19 + 122 + 132 + 202 + 240 & 715 &:= 3^1 + 7^0 + 17^1 + 18^1 + 26^2 = 31 + 70 + 171 + 181 + 262 \\ 715 &:= 1^9 + 4^3 + 16^0 + 24^1 + 25^2 = 19 + 43 + 160 + 241 + 252 & 715 &:= 3^1 + 7^0 + 8^1 + 26^2 + 27^1 = 31 + 70 + 81 + 262 + 271 \\ 715 &:= 10^0 + 10^0 + 11^2 + 16^1 + 24^2 = 100 + 100 + 112 + 161 + 242 & 715 &:= 3^1 + 7^0 + 9^1 + 26^1 + 26^2 = 31 + 70 + 91 + 261 + 262 \\ 715 &:= 10^0 + 10^0 + 13^2 + 15^1 + 23^2 = 100 + 100 + 132 + 151 + 232 & 715 &:= 4^0 + 11^2 + 16^0 + 16^1 + 24^2 = 40 + 112 + 160 + 161 + 242 \\ 715 &:= 2^0 + 11^2 + 16^1 + 18^0 + 24^2 = 20 + 112 + 161 + 180 + 242 & 715 &:= 4^0 + 13^2 + 15^1 + 16^0 + 23^2 = 40 + 132 + 151 + 160 + 232 \\ 715 &:= 2^0 + 13^2 + 15^1 + 18^0 + 23^2 = 20 + 132 + 151 + 180 + 232 & 715 &:= 4^0 + 14^0 + 16^1 + 16^2 + 21^2 = 40 + 140 + 161 + 162 + 212 \\ 715 &:= 2^0 + 16^0 + 16^1 + 16^2 + 21^2 = 20 + 160 + 161 + 162 + 212 & 715 &:= 4^0 + 4^1 + 15^2 + 22^2 + 26^0 = 40 + 41 + 152 + 222 + 260 \\ 715 &:= 2^0 + 4^2 + 18^0 + 21^1 + 26^2 = 20 + 42 + 180 + 211 + 262 & 715 &:= 4^0 + 4^2 + 16^0 + 21^1 + 26^2 = 40 + 42 + 160 + 211 + 262 \\ 715 &:= 2^0 + 5^2 + 12^1 + 26^0 + 26^2 = 20 + 52 + 121 + 260 + 262 & 715 &:= 4^0 + 5^2 + 12^1 + 24^0 + 26^2 = 40 + 52 + 121 + 240 + 262 \\ 715 &:= 2^0 + 8^0 + 17^2 + 20^2 + 24^1 = 20 + 80 + 172 + 202 + 241 & 715 &:= 4^0 + 6^0 + 17^2 + 20^2 + 24^1 = 40 + 60 + 172 + 202 + 241 \\ 715 &:= 2^0 + 8^2 + 12^0 + 24^1 + 25^2 = 20 + 82 + 120 + 241 + 252 & 715 &:= 4^0 + 7^1 + 9^2 + 25^2 + 26^0 = 40 + 71 + 92 + 252 + 260 \\ 715 &:= 2^1 + 7^0 + 10^1 + 26^1 + 26^2 = 21 + 70 + 101 + 261 + 262 & 715 &:= 4^0 + 8^2 + 10^0 + 24^1 + 25^2 = 40 + 82 + 100 + 241 + 252 \\ 715 &:= 2^1 + 7^0 + 11^1 + 25^1 + 26^2 = 21 + 70 + 111 + 251 + 262 & 715 &:= 4^1 + 10^0 + 15^2 + 20^0 + 22^2 = 41 + 100 + 152 + 200 + 222 \\ 715 &:= 2^1 + 7^0 + 12^1 + 24^1 + 26^2 = 21 + 70 + 121 + 241 + 262 & 715 &:= 4^1 + 11^0 + 15^2 + 19^0 + 22^2 = 41 + 110 + 152 + 190 + 222 \\ 715 &:= 2^1 + 7^0 + 13^1 + 23^1 + 26^2 = 21 + 70 + 131 + 231 + 262 & 715 &:= 4^1 + 12^0 + 15^2 + 18^0 + 22^2 = 41 + 120 + 152 + 180 + 222 \\ 715 &:= 2^1 + 7^0 + 14^1 + 22^1 + 26^2 = 21 + 70 + 141 + 221 + 262 & 715 &:= 4^1 + 13^0 + 15^2 + 17^0 + 22^2 = 41 + 130 + 152 + 170 + 222 \\ 715 &:= 2^1 + 7^0 + 15^1 + 21^1 + 26^2 = 21 + 70 + 151 + 211 + 262 & 715 &:= 4^1 + 14^0 + 15^2 + 16^0 + 22^2 = 41 + 140 + 152 + 160 + 222 \\ 715 &:= 2^1 + 7^0 + 16^1 + 20^1 + 26^2 = 21 + 70 + 161 + 201 + 262 & 715 &:= 4^1 + 15^0 + 15^0 + 15^2 + 22^2 = 41 + 150 + 150 + 152 + 222 \\ 715 &:= 2^1 + 7^0 + 17^1 + 19^1 + 26^2 = 21 + 70 + 171 + 191 + 262 & 715 &:= 4^1 + 5^0 + 15^2 + 22^2 + 25^0 = 41 + 50 + 152 + 222 + 250 \\ 715 &:= 2^1 + 7^0 + 18^1 + 18^1 + 26^2 = 21 + 70 + 181 + 181 + 262 & 715 &:= 4^1 + 6^0 + 15^2 + 22^2 + 24^0 = 41 + 60 + 152 + 222 + 240 \\ 715 &:= 2^1 + 7^0 + 9^1 + 26^2 + 27^1 = 21 + 70 + 91 + 262 + 271 & 715 &:= 4^1 + 7^0 + 10^1 + 24^1 + 26^2 = 41 + 70 + 101 + 241 + 262 \\ 715 &:= 2^5 + 2^7 + 18^0 + 23^2 + 25^1 = 25 + 27 + 180 + 232 + 251 & 715 &:= 4^1 + 7^0 + 11^1 + 23^1 + 26^2 = 41 + 70 + 111 + 231 + 262 \\ 715 &:= 3^0 + 11^2 + 16^1 + 17^0 + 24^2 = 30 + 112 + 161 + 170 + 242 & 715 &:= 4^1 + 7^0 + 12^1 + 22^1 + 26^2 = 41 + 70 + 121 + 221 + 262 \\ 715 &:= 3^0 + 13^2 + 15^1 + 17^0 + 23^2 = 30 + 132 + 151 + 170 + 232 & 715 &:= 4^1 + 7^0 + 13^1 + 21^1 + 26^2 = 41 + 70 + 131 + 211 + 262 \\ 715 &:= 3^0 + 15^0 + 16^1 + 16^2 + 21^2 = 30 + 150 + 161 + 162 + 212 & 715 &:= 4^1 + 7^0 + 14^1 + 20^1 + 26^2 = 41 + 70 + 141 + 201 + 262 \\ 715 &:= 3^0 + 4^1 + 15^2 + 22^2 + 27^0 = 30 + 41 + 152 + 222 + 270 & 715 &:= 4^1 + 7^0 + 15^1 + 19^1 + 26^2 = 41 + 70 + 151 + 191 + 262 \\ 715 &:= 3^0 + 4^2 + 17^0 + 21^1 + 26^2 = 30 + 42 + 170 + 211 + 262 & 715 &:= 4^1 + 7^0 + 15^2 + 22^2 + 23^0 = 41 + 70 + 152 + 222 + 230 \\ 715 &:= 3^0 + 5^2 + 12^1 + 25^0 + 26^2 = 30 + 52 + 121 + 250 + 262 & 715 &:= 4^1 + 7^0 + 16^1 + 18^1 + 26^2 = 41 + 70 + 161 + 181 + 262 \\ 715 &:= 3^0 + 7^0 + 17^2 + 20^2 + 24^1 = 30 + 70 + 172 + 202 + 241 & 715 &:= 4^1 + 7^0 + 17^1 + 17^1 + 26^2 = 41 + 70 + 171 + 171 + 262 \\ 715 &:= 3^0 + 7^1 + 9^2 + 25^2 + 27^0 = 30 + 71 + 92 + 252 + 270 & 715 &:= 4^1 + 7^0 + 7^1 + 26^2 + 27^1 = 41 + 70 + 71 + 262 + 271 \end{aligned}$$

$$\begin{aligned} 715 &:= 4^1 + 7^0 + 8^1 + 26^1 + 26^2 = 41 + 70 + 81 + 261 + 262 & 715 &:= 6^0 + 12^0 + 16^1 + 16^2 + 21^2 = 60 + 120 + 161 + 162 + 212 \\ 715 &:= 4^1 + 7^0 + 9^1 + 25^1 + 26^2 = 41 + 70 + 91 + 251 + 262 & 715 &:= 6^0 + 13^2 + 14^0 + 15^1 + 23^2 = 60 + 132 + 140 + 151 + 232 \\ 715 &:= 4^1 + 8^0 + 15^2 + 22^0 + 22^2 = 41 + 80 + 152 + 220 + 222 & 715 &:= 6^0 + 7^1 + 9^2 + 24^0 + 25^2 = 60 + 71 + 92 + 240 + 252 \\ 715 &:= 4^1 + 9^0 + 15^2 + 21^0 + 22^2 = 41 + 90 + 152 + 210 + 222 & 715 &:= 6^0 + 8^0 + 8^2 + 24^1 + 25^2 = 60 + 80 + 82 + 241 + 252 \\ 715 &:= 4^2 + 10^0 + 10^0 + 21^1 + 26^2 = 42 + 100 + 100 + 211 + 262 & 715 &:= 6^1 + 6^1 + 7^0 + 26^1 + 26^2 = 61 + 61 + 70 + 261 + 262 \\ 715 &:= 4^2 + 5^0 + 15^0 + 21^1 + 26^2 = 42 + 50 + 150 + 211 + 262 & 715 &:= 6^1 + 7^0 + 10^1 + 22^1 + 26^2 = 61 + 70 + 101 + 221 + 262 \\ 715 &:= 4^2 + 6^0 + 14^0 + 21^1 + 26^2 = 42 + 60 + 140 + 211 + 262 & 715 &:= 6^1 + 7^0 + 11^1 + 21^1 + 26^2 = 61 + 70 + 111 + 211 + 262 \\ 715 &:= 4^2 + 7^0 + 13^0 + 21^1 + 26^2 = 42 + 70 + 130 + 211 + 262 & 715 &:= 6^1 + 7^0 + 12^1 + 20^1 + 26^2 = 61 + 70 + 121 + 201 + 262 \\ 715 &:= 4^2 + 8^0 + 12^0 + 21^1 + 26^2 = 42 + 80 + 120 + 211 + 262 & 715 &:= 6^1 + 7^0 + 13^1 + 19^1 + 26^2 = 61 + 70 + 131 + 191 + 262 \\ 715 &:= 4^2 + 9^0 + 11^0 + 21^1 + 26^2 = 42 + 90 + 110 + 211 + 262 & 715 &:= 6^1 + 7^0 + 14^1 + 18^1 + 26^2 = 61 + 70 + 141 + 181 + 262 \\ 715 &:= 5^0 + 11^2 + 15^0 + 16^1 + 24^2 = 50 + 112 + 150 + 161 + 242 & 715 &:= 6^1 + 7^0 + 15^1 + 17^1 + 26^2 = 61 + 70 + 151 + 171 + 262 \\ 715 &:= 5^0 + 13^0 + 16^1 + 16^2 + 21^2 = 50 + 130 + 161 + 162 + 212 & 715 &:= 6^1 + 7^0 + 16^1 + 16^1 + 26^2 = 61 + 70 + 161 + 161 + 262 \\ 715 &:= 5^0 + 13^2 + 15^0 + 15^1 + 23^2 = 50 + 132 + 150 + 151 + 232 & 715 &:= 6^1 + 7^0 + 7^1 + 25^1 + 26^2 = 61 + 70 + 71 + 251 + 262 \\ 715 &:= 5^0 + 5^0 + 17^2 + 20^2 + 24^1 = 50 + 50 + 172 + 202 + 241 & 715 &:= 6^1 + 7^0 + 8^1 + 24^1 + 26^2 = 61 + 70 + 81 + 241 + 262 \\ 715 &:= 5^0 + 5^2 + 12^1 + 23^0 + 26^2 = 50 + 52 + 121 + 230 + 262 & 715 &:= 6^1 + 7^0 + 9^1 + 23^1 + 26^2 = 61 + 70 + 91 + 231 + 262 \\ 715 &:= 5^0 + 7^1 + 9^2 + 25^0 + 25^2 = 50 + 71 + 92 + 250 + 252 & 715 &:= 7^0 + 10^1 + 10^1 + 18^1 + 26^2 = 70 + 101 + 101 + 181 + 262 \\ 715 &:= 5^0 + 8^2 + 9^0 + 24^1 + 25^2 = 50 + 82 + 90 + 241 + 252 & 715 &:= 7^0 + 10^1 + 11^1 + 17^1 + 26^2 = 70 + 101 + 111 + 171 + 262 \\ 715 &:= 5^1 + 6^1 + 7^0 + 26^2 + 27^1 = 51 + 61 + 70 + 262 + 271 & 715 &:= 7^0 + 10^1 + 12^1 + 16^1 + 26^2 = 70 + 101 + 121 + 161 + 262 \\ 715 &:= 5^1 + 7^0 + 10^1 + 23^1 + 26^2 = 51 + 70 + 101 + 231 + 262 & 715 &:= 7^0 + 10^1 + 13^1 + 15^1 + 26^2 = 70 + 101 + 131 + 151 + 262 \\ 715 &:= 5^1 + 7^0 + 11^1 + 22^1 + 26^2 = 51 + 70 + 111 + 221 + 262 & 715 &:= 7^0 + 10^1 + 14^1 + 14^1 + 26^2 = 70 + 101 + 141 + 141 + 262 \\ 715 &:= 5^1 + 7^0 + 12^1 + 21^1 + 26^2 = 51 + 70 + 121 + 211 + 262 & 715 &:= 7^0 + 11^0 + 16^1 + 16^2 + 21^2 = 70 + 110 + 161 + 162 + 212 \\ 715 &:= 5^1 + 7^0 + 13^1 + 20^1 + 26^2 = 51 + 70 + 131 + 201 + 262 & 715 &:= 7^0 + 11^1 + 11^1 + 16^1 + 26^2 = 70 + 111 + 111 + 161 + 262 \\ 715 &:= 5^1 + 7^0 + 14^1 + 19^1 + 26^2 = 51 + 70 + 141 + 191 + 262 & 715 &:= 7^0 + 11^1 + 12^1 + 15^1 + 26^2 = 70 + 111 + 121 + 151 + 262 \\ 715 &:= 5^1 + 7^0 + 15^1 + 18^1 + 26^2 = 51 + 70 + 151 + 181 + 262 & 715 &:= 7^0 + 11^1 + 13^1 + 14^1 + 26^2 = 70 + 111 + 131 + 141 + 262 \\ 715 &:= 5^1 + 7^0 + 16^1 + 17^1 + 26^2 = 51 + 70 + 161 + 171 + 262 & 715 &:= 7^0 + 11^2 + 13^0 + 16^1 + 24^2 = 70 + 112 + 130 + 161 + 242 \\ 715 &:= 5^1 + 7^0 + 7^1 + 26^1 + 26^2 = 51 + 70 + 71 + 261 + 262 & 715 &:= 7^0 + 12^1 + 12^1 + 14^1 + 26^2 = 70 + 121 + 121 + 141 + 262 \\ 715 &:= 5^1 + 7^0 + 8^1 + 25^1 + 26^2 = 51 + 70 + 81 + 251 + 262 & 715 &:= 7^0 + 12^1 + 13^1 + 13^1 + 26^2 = 70 + 121 + 131 + 131 + 262 \\ 715 &:= 5^1 + 7^0 + 9^1 + 24^1 + 26^2 = 51 + 70 + 91 + 241 + 262 & 715 &:= 7^0 + 13^0 + 13^2 + 15^1 + 23^2 = 70 + 130 + 132 + 151 + 232 \\ 715 &:= 5^2 + 10^0 + 12^1 + 18^0 + 26^2 = 52 + 100 + 121 + 180 + 262 & 715 &:= 7^0 + 7^0 + 8^2 + 24^1 + 25^2 = 70 + 70 + 82 + 241 + 252 \\ 715 &:= 5^2 + 11^0 + 12^1 + 17^0 + 26^2 = 52 + 110 + 121 + 170 + 262 & 715 &:= 7^0 + 7^1 + 10^1 + 21^1 + 26^2 = 70 + 71 + 101 + 211 + 262 \\ 715 &:= 5^2 + 12^0 + 12^1 + 16^0 + 26^2 = 52 + 120 + 121 + 160 + 262 & 715 &:= 7^0 + 7^1 + 11^1 + 20^1 + 26^2 = 70 + 71 + 111 + 201 + 262 \\ 715 &:= 5^2 + 12^1 + 13^0 + 15^0 + 26^2 = 52 + 121 + 130 + 150 + 262 & 715 &:= 7^0 + 7^1 + 12^1 + 19^1 + 26^2 = 70 + 71 + 121 + 191 + 262 \\ 715 &:= 5^2 + 12^1 + 14^0 + 14^0 + 26^2 = 52 + 121 + 140 + 140 + 262 & 715 &:= 7^0 + 7^1 + 13^1 + 18^1 + 26^2 = 70 + 71 + 131 + 181 + 262 \\ 715 &:= 5^2 + 6^0 + 12^1 + 22^0 + 26^2 = 52 + 60 + 121 + 220 + 262 & 715 &:= 7^0 + 7^1 + 14^1 + 17^1 + 26^2 = 70 + 71 + 141 + 171 + 262 \\ 715 &:= 5^2 + 7^0 + 12^1 + 21^0 + 26^2 = 52 + 70 + 121 + 210 + 262 & 715 &:= 7^0 + 7^1 + 15^1 + 16^1 + 26^2 = 70 + 71 + 151 + 161 + 262 \\ 715 &:= 5^2 + 8^0 + 12^1 + 20^0 + 26^2 = 52 + 80 + 121 + 200 + 262 & 715 &:= 7^0 + 7^1 + 7^1 + 24^1 + 26^2 = 70 + 71 + 71 + 241 + 262 \\ 715 &:= 5^2 + 9^0 + 12^1 + 19^0 + 26^2 = 52 + 90 + 121 + 190 + 262 & 715 &:= 7^0 + 7^1 + 8^1 + 23^1 + 26^2 = 70 + 71 + 81 + 231 + 262 \\ 715 &:= 6^0 + 11^2 + 14^0 + 16^1 + 24^2 = 60 + 112 + 140 + 161 + 242 & 715 &:= 7^0 + 7^1 + 9^1 + 22^1 + 26^2 = 70 + 71 + 91 + 221 + 262 \end{aligned}$$

$715 := 7^0 + 7^1 + 9^2 + 23^0 + 25^2$	$= 70 + 71 + 92 + 230 + 252$	$715 := 7^1 + 8^0 + 9^2 + 22^0 + 25^2$	$= 71 + 80 + 92 + 220 + 252$
$715 := 7^0 + 8^1 + 10^1 + 20^1 + 26^2$	$= 70 + 81 + 101 + 201 + 262$	$715 := 7^1 + 9^0 + 9^2 + 21^0 + 25^2$	$= 71 + 90 + 92 + 210 + 252$
$715 := 7^0 + 8^1 + 11^1 + 19^1 + 26^2$	$= 70 + 81 + 111 + 191 + 262$	$715 := 7^1 + 9^2 + 10^0 + 20^0 + 25^2$	$= 71 + 92 + 100 + 200 + 252$
$715 := 7^0 + 8^1 + 12^1 + 18^1 + 26^2$	$= 70 + 81 + 121 + 181 + 262$	$715 := 7^1 + 9^2 + 11^0 + 19^0 + 25^2$	$= 71 + 92 + 110 + 190 + 252$
$715 := 7^0 + 8^1 + 13^1 + 17^1 + 26^2$	$= 70 + 81 + 131 + 171 + 262$	$715 := 7^1 + 9^2 + 12^0 + 18^0 + 25^2$	$= 71 + 92 + 120 + 180 + 252$
$715 := 7^0 + 8^1 + 14^1 + 16^1 + 26^2$	$= 70 + 81 + 141 + 161 + 262$	$715 := 7^1 + 9^2 + 13^0 + 17^0 + 25^2$	$= 71 + 92 + 130 + 170 + 252$
$715 := 7^0 + 8^1 + 15^1 + 15^1 + 26^2$	$= 70 + 81 + 151 + 151 + 262$	$715 := 7^1 + 9^2 + 14^0 + 16^0 + 25^2$	$= 71 + 92 + 140 + 160 + 252$
$715 := 7^0 + 8^1 + 8^1 + 22^1 + 26^2$	$= 70 + 81 + 81 + 221 + 262$	$715 := 7^1 + 9^2 + 15^0 + 15^0 + 25^2$	$= 71 + 92 + 150 + 150 + 252$
$715 := 7^0 + 8^1 + 9^1 + 21^1 + 26^2$	$= 70 + 81 + 91 + 211 + 262$	$715 := 8^0 + 10^0 + 16^1 + 16^2 + 21^2$	$= 80 + 100 + 161 + 162 + 212$
$715 := 7^0 + 9^1 + 10^1 + 19^1 + 26^2$	$= 70 + 91 + 101 + 191 + 262$	$715 := 8^0 + 11^2 + 12^0 + 16^1 + 24^2$	$= 80 + 112 + 120 + 161 + 242$
$715 := 7^0 + 9^1 + 11^1 + 18^1 + 26^2$	$= 70 + 91 + 111 + 181 + 262$	$715 := 8^0 + 12^0 + 13^2 + 15^1 + 23^2$	$= 80 + 120 + 132 + 151 + 232$
$715 := 7^0 + 9^1 + 12^1 + 17^1 + 26^2$	$= 70 + 91 + 121 + 171 + 262$	$715 := 9^0 + 11^0 + 11^2 + 16^1 + 24^2$	$= 90 + 110 + 112 + 161 + 242$
$715 := 7^0 + 9^1 + 13^1 + 16^1 + 26^2$	$= 70 + 91 + 131 + 161 + 262$	$715 := 9^0 + 11^0 + 13^2 + 15^1 + 23^2$	$= 90 + 110 + 132 + 151 + 232$
$715 := 7^0 + 9^1 + 14^1 + 15^1 + 26^2$	$= 70 + 91 + 141 + 151 + 262$	$715 := 9^0 + 9^0 + 16^1 + 16^2 + 21^2$	$= 90 + 90 + 161 + 162 + 212$
$715 := 7^0 + 9^1 + 9^1 + 20^1 + 26^2$	$= 70 + 91 + 91 + 201 + 262$		

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$716 := 1^3 + 6^0 + 26^2 + 38^1$	$= 13 + 60 + 262 + 381$	$716 := 1^1 + 8^0 + 17^2 + 20^2 + 25^1$	$= 11 + 80 + 172 + 202 + 251$
$716 := 2^3 + 12^0 + 26^2 + 31^1$	$= 23 + 120 + 262 + 311$	$716 := 1^1 + 8^2 + 12^0 + 25^1 + 25^2$	$= 11 + 82 + 120 + 251 + 252$
$716 := 2^8 + 3^5 + 6^3 + 59^0$	$= 28 + 35 + 63 + 590$	$716 := 1^2 + 6^0 + 11^1 + 26^2 + 27^1$	$= 12 + 60 + 111 + 262 + 271$
$716 := 3^2 + 9^2 + 25^2 + 34^0$	$= 32 + 92 + 252 + 340$	$716 := 1^2 + 6^0 + 12^1 + 26^1 + 26^2$	$= 12 + 60 + 121 + 261 + 262$
$716 := 3^3 + 12^1 + 26^2 + 30^0$	$= 33 + 121 + 262 + 300$	$716 := 1^2 + 6^0 + 13^1 + 25^1 + 26^2$	$= 12 + 60 + 131 + 251 + 262$
$716 := 4^3 + 16^0 + 25^2 + 26^1$	$= 43 + 160 + 252 + 261$	$716 := 1^2 + 6^0 + 14^1 + 24^1 + 26^2$	$= 12 + 60 + 141 + 241 + 262$
$716 := 5^3 + 14^1 + 24^2 + 28^0$	$= 53 + 141 + 242 + 280$	$716 := 1^2 + 6^0 + 15^1 + 23^1 + 26^2$	$= 12 + 60 + 151 + 231 + 262$
$716 := 6^3 + 15^1 + 22^2 + 28^0$	$= 63 + 151 + 222 + 280$	$716 := 1^2 + 6^0 + 16^1 + 22^1 + 26^2$	$= 12 + 60 + 161 + 221 + 262$
$716 := 7^1 + 8^3 + 14^2 + 42^0$	$= 71 + 83 + 142 + 420$	$716 := 1^2 + 6^0 + 17^1 + 21^1 + 26^2$	$= 12 + 60 + 171 + 211 + 262$
$716 := 7^2 + 15^2 + 21^2 + 28^0$	$= 72 + 152 + 212 + 280$	$716 := 1^2 + 6^0 + 18^1 + 20^1 + 26^2$	$= 12 + 60 + 181 + 201 + 262$
$716 := 7^3 + 11^1 + 19^2 + 34^0$	$= 73 + 111 + 192 + 340$	$716 := 1^2 + 6^0 + 19^1 + 19^1 + 26^2$	$= 12 + 60 + 191 + 191 + 262$
$716 := 8^3 + 13^2 + 16^0 + 34^1$	$= 83 + 132 + 160 + 341$	$716 := 1^7 + 2^6 + 17^0 + 25^1 + 25^2$	$= 17 + 26 + 170 + 251 + 252$
$716 := 1^0 + 13^2 + 16^2 + 17^2 + 24^0$	$= 10 + 132 + 162 + 172 + 240$	$716 := 1^9 + 11^2 + 13^2 + 20^2 + 25^1$	$= 19 + 112 + 132 + 202 + 251$
$716 := 1^0 + 4^3 + 16^0 + 25^1 + 25^2$	$= 10 + 43 + 160 + 251 + 252$	$716 := 1^9 + 2^4 + 19^0 + 22^1 + 26^2$	$= 19 + 24 + 190 + 221 + 262$
$716 := 1^0 + 8^2 + 17^2 + 19^2 + 26^0$	$= 10 + 82 + 172 + 192 + 260$	$716 := 1^9 + 4^4 + 17^1 + 21^2 + 27^0$	$= 19 + 44 + 171 + 212 + 270$
$716 := 1^1 + 11^2 + 17^1 + 18^0 + 24^2$	$= 11 + 112 + 171 + 180 + 242$	$716 := 1^9 + 8^2 + 15^2 + 20^2 + 26^1$	$= 19 + 82 + 152 + 202 + 261$
$716 := 1^1 + 13^2 + 16^1 + 18^0 + 23^2$	$= 11 + 132 + 161 + 180 + 232$	$716 := 10^0 + 13^2 + 15^0 + 16^2 + 17^2$	$= 100 + 132 + 150 + 162 + 172$
$716 := 1^1 + 16^0 + 16^2 + 17^1 + 21^2$	$= 11 + 160 + 162 + 171 + 212$	$716 := 11^0 + 13^2 + 14^0 + 16^2 + 17^2$	$= 110 + 132 + 140 + 162 + 172$
$716 := 1^1 + 4^2 + 18^0 + 22^1 + 26^2$	$= 11 + 42 + 180 + 221 + 262$	$716 := 12^0 + 13^0 + 13^2 + 16^2 + 17^2$	$= 120 + 130 + 132 + 162 + 172$
$716 := 1^1 + 5^2 + 13^1 + 26^0 + 26^2$	$= 11 + 52 + 131 + 260 + 262$	$716 := 2^0 + 13^2 + 16^2 + 17^2 + 23^0$	$= 20 + 132 + 162 + 172 + 230$

$$\begin{aligned} 716 &:= 2^0 + 4^3 + 15^0 + 25^1 + 25^2 = 20 + 43 + 150 + 251 + 252 & 716 &:= 3^1 + 8^0 + 17^2 + 20^2 + 23^1 = 31 + 80 + 172 + 202 + 231 \\ 716 &:= 2^0 + 5^2 + 17^2 + 20^2 + 27^0 = 20 + 52 + 172 + 202 + 270 & 716 &:= 3^1 + 8^2 + 12^0 + 23^1 + 25^2 = 31 + 82 + 120 + 231 + 252 \\ 716 &:= 2^0 + 5^3 + 13^1 + 24^2 + 27^0 = 20 + 53 + 131 + 242 + 270 & 716 &:= 3^2 + 10^1 + 12^0 + 20^1 + 26^2 = 32 + 101 + 120 + 201 + 262 \\ 716 &:= 2^0 + 6^3 + 14^1 + 22^2 + 27^0 = 20 + 63 + 141 + 222 + 270 & 716 &:= 3^2 + 11^1 + 12^0 + 19^1 + 26^2 = 32 + 111 + 120 + 191 + 262 \\ 716 &:= 2^0 + 8^2 + 11^2 + 23^2 + 27^0 = 20 + 82 + 112 + 232 + 270 & 716 &:= 3^2 + 12^0 + 12^1 + 18^1 + 26^2 = 32 + 120 + 121 + 181 + 262 \\ 716 &:= 2^0 + 8^2 + 17^2 + 19^2 + 25^0 = 20 + 82 + 172 + 192 + 250 & 716 &:= 3^2 + 12^0 + 13^1 + 17^1 + 26^2 = 32 + 120 + 131 + 171 + 262 \\ 716 &:= 2^1 + 11^2 + 16^1 + 18^0 + 24^2 = 21 + 112 + 161 + 180 + 242 & 716 &:= 3^2 + 12^0 + 14^1 + 16^1 + 26^2 = 32 + 120 + 141 + 161 + 262 \\ 716 &:= 2^1 + 13^2 + 15^1 + 18^0 + 23^2 = 21 + 132 + 151 + 180 + 232 & 716 &:= 3^2 + 12^0 + 15^1 + 15^1 + 26^2 = 32 + 120 + 151 + 151 + 262 \\ 716 &:= 2^1 + 16^0 + 16^1 + 16^2 + 21^2 = 21 + 160 + 161 + 162 + 212 & 716 &:= 3^2 + 4^1 + 12^0 + 26^1 + 26^2 = 32 + 41 + 120 + 261 + 262 \\ 716 &:= 2^1 + 4^2 + 18^0 + 21^1 + 26^2 = 21 + 42 + 180 + 211 + 262 & 716 &:= 3^2 + 5^1 + 12^0 + 25^1 + 26^2 = 32 + 51 + 120 + 251 + 262 \\ 716 &:= 2^1 + 5^2 + 12^1 + 26^0 + 26^2 = 21 + 52 + 121 + 260 + 262 & 716 &:= 3^2 + 6^1 + 12^0 + 24^1 + 26^2 = 32 + 61 + 120 + 241 + 262 \\ 716 &:= 2^1 + 8^0 + 17^2 + 20^2 + 24^1 = 21 + 80 + 172 + 202 + 241 & 716 &:= 3^2 + 7^1 + 12^0 + 23^1 + 26^2 = 32 + 71 + 120 + 231 + 262 \\ 716 &:= 2^1 + 8^2 + 12^0 + 24^1 + 25^2 = 21 + 82 + 120 + 241 + 252 & 716 &:= 3^2 + 8^1 + 12^0 + 22^1 + 26^2 = 32 + 81 + 120 + 221 + 262 \\ 716 &:= 2^2 + 8^0 + 10^1 + 25^1 + 26^2 = 22 + 80 + 101 + 251 + 262 & 716 &:= 3^2 + 9^1 + 12^0 + 21^1 + 26^2 = 32 + 91 + 120 + 211 + 262 \\ 716 &:= 2^2 + 8^0 + 11^1 + 24^1 + 26^2 = 22 + 80 + 111 + 241 + 262 & 716 &:= 3^3 + 10^0 + 11^1 + 21^0 + 26^2 = 33 + 100 + 111 + 210 + 262 \\ 716 &:= 2^2 + 8^0 + 12^1 + 23^1 + 26^2 = 22 + 80 + 121 + 231 + 262 & 716 &:= 3^3 + 11^0 + 11^1 + 20^0 + 26^2 = 33 + 110 + 111 + 200 + 262 \\ 716 &:= 2^2 + 8^0 + 13^1 + 22^1 + 26^2 = 22 + 80 + 131 + 221 + 262 & 716 &:= 3^3 + 11^1 + 12^0 + 19^0 + 26^2 = 33 + 111 + 120 + 190 + 262 \\ 716 &:= 2^2 + 8^0 + 14^1 + 21^1 + 26^2 = 22 + 80 + 141 + 211 + 262 & 716 &:= 3^3 + 11^1 + 13^0 + 18^0 + 26^2 = 33 + 111 + 130 + 180 + 262 \\ 716 &:= 2^2 + 8^0 + 15^1 + 20^1 + 26^2 = 22 + 80 + 151 + 201 + 262 & 716 &:= 3^3 + 11^1 + 14^0 + 17^0 + 26^2 = 33 + 111 + 140 + 170 + 262 \\ 716 &:= 2^2 + 8^0 + 16^1 + 19^1 + 26^2 = 22 + 80 + 161 + 191 + 262 & 716 &:= 3^3 + 11^1 + 15^0 + 16^0 + 26^2 = 33 + 111 + 150 + 160 + 262 \\ 716 &:= 2^2 + 8^0 + 17^1 + 18^1 + 26^2 = 22 + 80 + 171 + 181 + 262 & 716 &:= 3^3 + 4^0 + 11^1 + 26^2 + 27^0 = 33 + 40 + 111 + 262 + 270 \\ 716 &:= 2^2 + 8^0 + 8^1 + 26^2 + 27^1 = 22 + 80 + 81 + 262 + 271 & 716 &:= 3^3 + 5^0 + 11^1 + 26^0 + 26^2 = 33 + 50 + 111 + 260 + 262 \\ 716 &:= 2^2 + 8^0 + 9^1 + 26^1 + 26^2 = 22 + 80 + 91 + 261 + 262 & 716 &:= 3^3 + 6^0 + 11^1 + 25^0 + 26^2 = 33 + 60 + 111 + 250 + 262 \\ 716 &:= 2^5 + 2^8 + 19^0 + 20^2 + 27^1 = 25 + 28 + 190 + 202 + 271 & 716 &:= 3^3 + 7^0 + 11^1 + 24^0 + 26^2 = 33 + 70 + 111 + 240 + 262 \\ 716 &:= 3^0 + 13^2 + 16^2 + 17^2 + 22^0 = 30 + 132 + 162 + 172 + 220 & 716 &:= 3^3 + 8^0 + 11^1 + 23^0 + 26^2 = 33 + 80 + 111 + 230 + 262 \\ 716 &:= 3^0 + 4^3 + 14^0 + 25^1 + 25^2 = 30 + 43 + 140 + 251 + 252 & 716 &:= 3^3 + 9^0 + 11^1 + 22^0 + 26^2 = 33 + 90 + 111 + 220 + 262 \\ 716 &:= 3^0 + 5^2 + 17^2 + 20^2 + 26^0 = 30 + 52 + 172 + 202 + 260 & 716 &:= 4^0 + 10^1 + 18^2 + 19^2 + 20^1 = 40 + 101 + 182 + 192 + 201 \\ 716 &:= 3^0 + 5^3 + 13^1 + 24^2 + 26^0 = 30 + 53 + 131 + 242 + 260 & 716 &:= 4^0 + 11^1 + 18^2 + 19^1 + 19^2 = 40 + 111 + 182 + 191 + 192 \\ 716 &:= 3^0 + 6^3 + 14^1 + 22^2 + 26^0 = 30 + 63 + 141 + 222 + 260 & 716 &:= 4^0 + 12^1 + 18^1 + 18^2 + 19^2 = 40 + 121 + 181 + 182 + 192 \\ 716 &:= 3^0 + 8^2 + 11^2 + 23^2 + 26^0 = 30 + 82 + 112 + 232 + 260 & 716 &:= 4^0 + 13^1 + 17^1 + 18^2 + 19^2 = 40 + 131 + 171 + 182 + 192 \\ 716 &:= 3^0 + 8^2 + 17^2 + 19^2 + 24^0 = 30 + 82 + 172 + 192 + 240 & 716 &:= 4^0 + 13^2 + 16^2 + 17^2 + 21^0 = 40 + 132 + 162 + 172 + 210 \\ 716 &:= 3^1 + 11^2 + 15^1 + 18^0 + 24^2 = 31 + 112 + 151 + 180 + 242 & 716 &:= 4^0 + 14^1 + 16^1 + 18^2 + 19^2 = 40 + 141 + 161 + 182 + 192 \\ 716 &:= 3^1 + 13^2 + 14^1 + 18^0 + 23^2 = 31 + 132 + 141 + 180 + 232 & 716 &:= 4^0 + 15^1 + 15^1 + 18^2 + 19^2 = 40 + 151 + 151 + 182 + 192 \\ 716 &:= 3^1 + 15^1 + 16^0 + 16^2 + 21^2 = 31 + 151 + 160 + 162 + 212 & 716 &:= 4^0 + 4^1 + 18^2 + 19^2 + 26^1 = 40 + 41 + 182 + 192 + 261 \\ 716 &:= 3^1 + 3^2 + 12^0 + 26^2 + 27^1 = 31 + 32 + 120 + 262 + 271 & 716 &:= 4^0 + 4^2 + 13^2 + 23^2 + 27^0 = 40 + 42 + 132 + 232 + 270 \\ 716 &:= 3^1 + 4^0 + 18^2 + 19^2 + 27^1 = 31 + 40 + 182 + 192 + 271 & 716 &:= 4^0 + 4^3 + 13^0 + 25^1 + 25^2 = 40 + 43 + 130 + 251 + 252 \\ 716 &:= 3^1 + 4^2 + 18^0 + 20^1 + 26^2 = 31 + 42 + 180 + 201 + 262 & 716 &:= 4^0 + 5^1 + 18^2 + 19^2 + 25^1 = 40 + 51 + 182 + 192 + 251 \\ 716 &:= 3^1 + 5^2 + 11^1 + 26^0 + 26^2 = 31 + 52 + 111 + 260 + 262 & 716 &:= 4^0 + 5^2 + 17^2 + 20^2 + 25^0 = 40 + 52 + 172 + 202 + 250 \end{aligned}$$

$$\begin{aligned} 716 &:= 4^0 + 5^3 + 13^1 + 24^2 + 25^0 = 40 + 53 + 131 + 242 + 250 & 716 &:= 5^0 + 5^2 + 17^2 + 20^2 + 24^0 = 50 + 52 + 172 + 202 + 240 \\ 716 &:= 4^0 + 6^1 + 18^2 + 19^2 + 24^1 = 40 + 61 + 182 + 192 + 241 & 716 &:= 5^0 + 5^3 + 13^1 + 24^0 + 24^2 = 50 + 53 + 131 + 240 + 242 \\ 716 &:= 4^0 + 6^3 + 14^1 + 22^2 + 25^0 = 40 + 63 + 141 + 222 + 250 & 716 &:= 5^0 + 6^3 + 14^1 + 22^2 + 24^0 = 50 + 63 + 141 + 222 + 240 \\ 716 &:= 4^0 + 7^1 + 18^2 + 19^2 + 23^1 = 40 + 71 + 182 + 192 + 231 & 716 &:= 5^0 + 8^2 + 11^2 + 23^2 + 24^0 = 50 + 82 + 112 + 232 + 240 \\ 716 &:= 4^0 + 8^1 + 18^2 + 19^2 + 22^1 = 40 + 81 + 182 + 192 + 221 & 716 &:= 5^0 + 8^2 + 17^2 + 19^2 + 22^0 = 50 + 82 + 172 + 192 + 220 \\ 716 &:= 4^0 + 8^2 + 11^2 + 23^2 + 25^0 = 40 + 82 + 112 + 232 + 250 & 716 &:= 5^1 + 11^2 + 13^1 + 18^0 + 24^2 = 51 + 112 + 131 + 180 + 242 \\ 716 &:= 4^0 + 8^2 + 17^2 + 19^2 + 23^0 = 40 + 82 + 172 + 192 + 230 & 716 &:= 5^1 + 12^1 + 13^2 + 18^0 + 23^2 = 51 + 121 + 132 + 180 + 232 \\ 716 &:= 4^0 + 9^1 + 18^2 + 19^2 + 21^1 = 40 + 91 + 182 + 192 + 211 & 716 &:= 5^1 + 13^1 + 16^0 + 16^2 + 21^2 = 51 + 131 + 160 + 162 + 212 \\ 716 &:= 4^1 + 11^2 + 14^1 + 18^0 + 24^2 = 41 + 112 + 141 + 180 + 242 & 716 &:= 5^1 + 5^2 + 9^1 + 26^0 + 26^2 = 51 + 52 + 91 + 260 + 262 \\ 716 &:= 4^1 + 13^1 + 13^2 + 18^0 + 23^2 = 41 + 131 + 132 + 180 + 232 & 716 &:= 5^1 + 8^0 + 17^2 + 20^2 + 21^1 = 51 + 80 + 172 + 202 + 211 \\ 716 &:= 4^1 + 14^1 + 16^0 + 16^2 + 21^2 = 41 + 141 + 160 + 162 + 212 & 716 &:= 5^1 + 8^2 + 12^0 + 21^1 + 25^2 = 51 + 82 + 120 + 211 + 252 \\ 716 &:= 4^1 + 4^2 + 18^0 + 19^1 + 26^2 = 41 + 42 + 180 + 191 + 262 & 716 &:= 5^2 + 10^0 + 17^2 + 19^0 + 20^2 = 52 + 100 + 172 + 190 + 202 \\ 716 &:= 4^1 + 5^2 + 10^1 + 26^0 + 26^2 = 41 + 52 + 101 + 260 + 262 & 716 &:= 5^2 + 11^0 + 17^2 + 18^0 + 20^2 = 52 + 110 + 172 + 180 + 202 \\ 716 &:= 4^1 + 8^0 + 17^2 + 20^2 + 22^1 = 41 + 80 + 172 + 202 + 221 & 716 &:= 5^2 + 12^0 + 17^0 + 17^2 + 20^2 = 52 + 120 + 170 + 172 + 202 \\ 716 &:= 4^1 + 8^2 + 12^0 + 22^1 + 25^2 = 41 + 82 + 120 + 221 + 252 & 716 &:= 5^2 + 13^0 + 16^0 + 17^2 + 20^2 = 52 + 130 + 160 + 172 + 202 \\ 716 &:= 4^2 + 10^0 + 13^2 + 21^0 + 23^2 = 42 + 100 + 132 + 210 + 232 & 716 &:= 5^2 + 14^0 + 15^0 + 17^2 + 20^2 = 52 + 140 + 150 + 172 + 202 \\ 716 &:= 4^2 + 10^1 + 13^1 + 18^0 + 26^2 = 42 + 101 + 131 + 180 + 262 & 716 &:= 5^2 + 6^0 + 17^2 + 20^2 + 23^0 = 52 + 60 + 172 + 202 + 230 \\ 716 &:= 4^2 + 11^0 + 13^2 + 20^0 + 23^2 = 42 + 110 + 132 + 200 + 232 & 716 &:= 5^2 + 6^0 + 8^2 + 25^2 + 27^0 = 52 + 60 + 82 + 252 + 270 \\ 716 &:= 4^2 + 11^1 + 12^1 + 18^0 + 26^2 = 42 + 111 + 121 + 180 + 262 & 716 &:= 5^2 + 6^1 + 8^1 + 26^0 + 26^2 = 52 + 61 + 81 + 260 + 262 \\ 716 &:= 4^2 + 12^0 + 13^2 + 19^0 + 23^2 = 42 + 120 + 132 + 190 + 232 & 716 &:= 5^2 + 7^0 + 17^2 + 20^2 + 22^0 = 52 + 70 + 172 + 202 + 220 \\ 716 &:= 4^2 + 13^0 + 13^2 + 18^0 + 23^2 = 42 + 130 + 132 + 180 + 232 & 716 &:= 5^2 + 7^0 + 8^2 + 25^2 + 26^0 = 52 + 70 + 82 + 252 + 260 \\ 716 &:= 4^2 + 13^2 + 14^0 + 17^0 + 23^2 = 42 + 132 + 140 + 170 + 232 & 716 &:= 5^2 + 7^1 + 7^1 + 26^0 + 26^2 = 52 + 71 + 71 + 260 + 262 \\ 716 &:= 4^2 + 13^2 + 15^0 + 16^0 + 23^2 = 42 + 132 + 150 + 160 + 232 & 716 &:= 5^2 + 8^0 + 17^2 + 20^2 + 21^0 = 52 + 80 + 172 + 202 + 210 \\ 716 &:= 4^2 + 5^0 + 13^2 + 23^2 + 26^0 = 42 + 50 + 132 + 232 + 260 & 716 &:= 5^2 + 8^0 + 8^2 + 25^0 + 25^2 = 52 + 80 + 82 + 250 + 252 \\ 716 &:= 4^2 + 5^1 + 18^0 + 18^1 + 26^2 = 42 + 51 + 180 + 181 + 262 & 716 &:= 5^2 + 8^2 + 10^0 + 23^0 + 25^2 = 52 + 82 + 100 + 230 + 252 \\ 716 &:= 4^2 + 6^0 + 13^2 + 23^2 + 25^0 = 42 + 60 + 132 + 232 + 250 & 716 &:= 5^2 + 8^2 + 11^0 + 22^0 + 25^2 = 52 + 82 + 110 + 220 + 252 \\ 716 &:= 4^2 + 6^1 + 17^1 + 18^0 + 26^2 = 42 + 61 + 171 + 180 + 262 & 716 &:= 5^2 + 8^2 + 12^0 + 21^0 + 25^2 = 52 + 82 + 120 + 210 + 252 \\ 716 &:= 4^2 + 7^0 + 13^2 + 23^2 + 24^0 = 42 + 70 + 132 + 232 + 240 & 716 &:= 5^2 + 8^2 + 13^0 + 20^0 + 25^2 = 52 + 82 + 130 + 200 + 252 \\ 716 &:= 4^2 + 7^1 + 16^1 + 18^0 + 26^2 = 42 + 71 + 161 + 180 + 262 & 716 &:= 5^2 + 8^2 + 14^0 + 19^0 + 25^2 = 52 + 82 + 140 + 190 + 252 \\ 716 &:= 4^2 + 8^0 + 13^2 + 23^0 + 23^2 = 42 + 80 + 132 + 230 + 232 & 716 &:= 5^2 + 8^2 + 15^0 + 18^0 + 25^2 = 52 + 82 + 150 + 180 + 252 \\ 716 &:= 4^2 + 8^1 + 15^1 + 18^0 + 26^2 = 42 + 81 + 151 + 180 + 262 & 716 &:= 5^2 + 8^2 + 16^0 + 17^0 + 25^2 = 52 + 82 + 160 + 170 + 252 \\ 716 &:= 4^2 + 9^0 + 13^2 + 22^0 + 23^2 = 42 + 90 + 132 + 220 + 232 & 716 &:= 5^2 + 8^2 + 9^0 + 24^0 + 25^2 = 52 + 82 + 90 + 240 + 252 \\ 716 &:= 4^2 + 9^1 + 14^1 + 18^0 + 26^2 = 42 + 91 + 141 + 180 + 262 & 716 &:= 5^2 + 9^0 + 17^2 + 20^0 + 20^2 = 52 + 90 + 172 + 200 + 202 \\ 716 &:= 4^3 + 5^0 + 12^0 + 25^1 + 25^2 = 43 + 50 + 120 + 251 + 252 & 716 &:= 5^3 + 10^0 + 13^1 + 19^0 + 24^2 = 53 + 100 + 131 + 190 + 242 \\ 716 &:= 4^3 + 6^0 + 11^0 + 25^1 + 25^2 = 43 + 60 + 110 + 251 + 252 & 716 &:= 5^3 + 11^0 + 13^1 + 18^0 + 24^2 = 53 + 110 + 131 + 180 + 242 \\ 716 &:= 4^3 + 7^0 + 10^0 + 25^1 + 25^2 = 43 + 70 + 100 + 251 + 252 & 716 &:= 5^3 + 12^0 + 13^1 + 17^0 + 24^2 = 53 + 120 + 131 + 170 + 242 \\ 716 &:= 4^3 + 8^0 + 9^0 + 25^1 + 25^2 = 43 + 80 + 90 + 251 + 252 & 716 &:= 5^3 + 13^0 + 13^1 + 16^0 + 24^2 = 53 + 130 + 131 + 160 + 242 \\ 716 &:= 5^0 + 13^2 + 16^2 + 17^2 + 20^0 = 50 + 132 + 162 + 172 + 200 & 716 &:= 5^3 + 13^1 + 14^0 + 15^0 + 24^2 = 53 + 131 + 140 + 150 + 242 \end{aligned}$$

$$\begin{aligned} 716 &:= 5^3 + 6^0 + 13^1 + 23^0 + 24^2 = 53 + 60 + 131 + 230 + 242 & 716 &:= 7^3 + 10^1 + 13^0 + 19^2 + 22^0 = 73 + 101 + 130 + 192 + 220 \\ 716 &:= 5^3 + 7^0 + 13^1 + 22^0 + 24^2 = 53 + 70 + 131 + 220 + 242 & 716 &:= 7^3 + 10^1 + 14^0 + 19^2 + 21^0 = 73 + 101 + 140 + 192 + 210 \\ 716 &:= 5^3 + 8^0 + 13^1 + 21^0 + 24^2 = 53 + 80 + 131 + 210 + 242 & 716 &:= 7^3 + 10^1 + 15^0 + 19^2 + 20^0 = 73 + 101 + 150 + 192 + 200 \\ 716 &:= 5^3 + 9^0 + 13^1 + 20^0 + 24^2 = 53 + 90 + 131 + 200 + 242 & 716 &:= 7^3 + 10^1 + 16^0 + 19^0 + 19^2 = 73 + 101 + 160 + 190 + 192 \\ 716 &:= 6^0 + 13^2 + 16^2 + 17^2 + 19^0 = 60 + 132 + 162 + 172 + 190 & 716 &:= 7^3 + 10^1 + 17^0 + 18^0 + 19^2 = 73 + 101 + 170 + 180 + 192 \\ 716 &:= 6^0 + 6^3 + 14^1 + 22^2 + 23^0 = 60 + 63 + 141 + 222 + 230 & 716 &:= 7^3 + 8^0 + 10^1 + 19^2 + 27^0 = 73 + 80 + 101 + 192 + 270 \\ 716 &:= 6^0 + 8^2 + 11^2 + 23^0 + 23^2 = 60 + 82 + 112 + 230 + 232 & 716 &:= 7^3 + 9^0 + 10^1 + 19^2 + 26^0 = 73 + 90 + 101 + 192 + 260 \\ 716 &:= 6^0 + 8^2 + 17^2 + 19^2 + 21^0 = 60 + 82 + 172 + 192 + 210 & 716 &:= 8^0 + 10^1 + 16^1 + 17^2 + 20^2 = 80 + 101 + 161 + 172 + 202 \\ 716 &:= 6^1 + 11^1 + 13^2 + 18^0 + 23^2 = 61 + 111 + 132 + 180 + 232 & 716 &:= 8^0 + 11^1 + 15^1 + 17^2 + 20^2 = 80 + 111 + 151 + 172 + 202 \\ 716 &:= 6^1 + 11^2 + 12^1 + 18^0 + 24^2 = 61 + 112 + 121 + 180 + 242 & 716 &:= 8^0 + 12^1 + 14^1 + 17^2 + 20^2 = 80 + 121 + 141 + 172 + 202 \\ 716 &:= 6^1 + 12^1 + 16^0 + 16^2 + 21^2 = 61 + 121 + 160 + 162 + 212 & 716 &:= 8^0 + 13^1 + 13^1 + 17^2 + 20^2 = 80 + 131 + 131 + 172 + 202 \\ 716 &:= 6^1 + 8^0 + 17^2 + 20^1 + 20^2 = 61 + 80 + 172 + 201 + 202 & 716 &:= 8^0 + 13^2 + 16^2 + 17^0 + 17^2 = 80 + 132 + 162 + 170 + 172 \\ 716 &:= 6^1 + 8^2 + 12^0 + 20^1 + 25^2 = 61 + 82 + 120 + 201 + 252 & 716 &:= 8^0 + 8^1 + 17^2 + 18^1 + 20^2 = 80 + 81 + 172 + 181 + 202 \\ 716 &:= 6^1 + 8^3 + 14^2 + 16^0 + 27^0 = 61 + 83 + 142 + 160 + 270 & 716 &:= 8^0 + 8^2 + 11^2 + 21^0 + 23^2 = 80 + 82 + 112 + 210 + 232 \\ 716 &:= 6^1 + 8^3 + 14^2 + 17^0 + 26^0 = 61 + 83 + 142 + 170 + 260 & 716 &:= 8^0 + 8^2 + 17^2 + 19^0 + 19^2 = 80 + 82 + 172 + 190 + 192 \\ 716 &:= 6^1 + 8^3 + 14^2 + 18^0 + 25^0 = 61 + 83 + 142 + 180 + 250 & 716 &:= 8^0 + 9^1 + 17^1 + 17^2 + 20^2 = 80 + 91 + 171 + 172 + 202 \\ 716 &:= 6^1 + 8^3 + 14^2 + 19^0 + 24^0 = 61 + 83 + 142 + 190 + 240 & 716 &:= 8^1 + 10^1 + 11^2 + 18^0 + 24^2 = 81 + 101 + 112 + 180 + 242 \\ 716 &:= 6^1 + 8^3 + 14^2 + 20^0 + 23^0 = 61 + 83 + 142 + 200 + 230 & 716 &:= 8^1 + 10^1 + 16^0 + 16^2 + 21^2 = 81 + 101 + 160 + 162 + 212 \\ 716 &:= 6^1 + 8^3 + 14^2 + 21^0 + 22^0 = 61 + 83 + 142 + 210 + 220 & 716 &:= 8^1 + 8^2 + 12^0 + 18^1 + 25^2 = 81 + 82 + 120 + 181 + 252 \\ 716 &:= 6^3 + 10^0 + 14^1 + 19^0 + 22^2 = 63 + 100 + 141 + 190 + 222 & 716 &:= 8^1 + 9^1 + 13^2 + 18^0 + 23^2 = 81 + 91 + 132 + 180 + 232 \\ 716 &:= 6^3 + 11^0 + 14^1 + 18^0 + 22^2 = 63 + 110 + 141 + 180 + 222 & 716 &:= 8^2 + 10^0 + 11^2 + 19^0 + 23^2 = 82 + 100 + 112 + 190 + 232 \\ 716 &:= 6^3 + 12^0 + 14^1 + 17^0 + 22^2 = 63 + 120 + 141 + 170 + 222 & 716 &:= 8^2 + 10^0 + 17^0 + 17^2 + 19^2 = 82 + 100 + 170 + 172 + 192 \\ 716 &:= 6^3 + 13^0 + 14^1 + 16^0 + 22^2 = 63 + 130 + 141 + 160 + 222 & 716 &:= 8^2 + 10^1 + 12^0 + 16^1 + 25^2 = 82 + 101 + 120 + 161 + 252 \\ 716 &:= 6^3 + 14^0 + 14^1 + 15^0 + 22^2 = 63 + 140 + 141 + 150 + 222 & 716 &:= 8^2 + 11^0 + 11^2 + 18^0 + 23^2 = 82 + 110 + 112 + 180 + 232 \\ 716 &:= 6^3 + 7^0 + 14^1 + 22^0 + 22^2 = 63 + 70 + 141 + 220 + 222 & 716 &:= 8^2 + 11^0 + 16^0 + 17^2 + 19^2 = 82 + 110 + 160 + 172 + 192 \\ 716 &:= 6^3 + 8^0 + 14^1 + 21^0 + 22^2 = 63 + 80 + 141 + 210 + 222 & 716 &:= 8^2 + 11^1 + 12^0 + 15^1 + 25^2 = 82 + 111 + 120 + 151 + 252 \\ 716 &:= 6^3 + 9^0 + 14^1 + 20^0 + 22^2 = 63 + 90 + 141 + 200 + 222 & 716 &:= 8^2 + 11^2 + 12^0 + 17^0 + 23^2 = 82 + 112 + 120 + 170 + 232 \\ 716 &:= 7^0 + 13^2 + 16^2 + 17^2 + 18^0 = 70 + 132 + 162 + 172 + 180 & 716 &:= 8^2 + 11^2 + 13^0 + 16^0 + 23^2 = 82 + 112 + 130 + 160 + 232 \\ 716 &:= 7^0 + 8^2 + 11^2 + 22^0 + 23^2 = 70 + 82 + 112 + 220 + 232 & 716 &:= 8^2 + 11^2 + 14^0 + 15^0 + 23^2 = 82 + 112 + 140 + 150 + 232 \\ 716 &:= 7^0 + 8^2 + 17^2 + 19^2 + 20^0 = 70 + 82 + 172 + 192 + 200 & 716 &:= 8^2 + 12^0 + 12^1 + 14^1 + 25^2 = 82 + 120 + 121 + 141 + 252 \\ 716 &:= 7^1 + 10^1 + 13^2 + 18^0 + 23^2 = 71 + 101 + 132 + 180 + 232 & 716 &:= 8^2 + 12^0 + 13^1 + 13^1 + 25^2 = 82 + 120 + 131 + 131 + 252 \\ 716 &:= 7^1 + 11^1 + 11^2 + 18^0 + 24^2 = 71 + 111 + 112 + 180 + 242 & 716 &:= 8^2 + 12^0 + 15^0 + 17^2 + 19^2 = 82 + 120 + 150 + 172 + 192 \\ 716 &:= 7^1 + 11^1 + 16^0 + 16^2 + 21^2 = 71 + 111 + 160 + 162 + 212 & 716 &:= 8^2 + 13^0 + 14^0 + 17^2 + 19^2 = 82 + 130 + 140 + 172 + 192 \\ 716 &:= 7^1 + 8^0 + 17^2 + 19^1 + 20^2 = 71 + 80 + 172 + 191 + 202 & 716 &:= 8^2 + 9^0 + 11^2 + 20^0 + 23^2 = 82 + 90 + 112 + 200 + 232 \\ 716 &:= 7^1 + 8^2 + 12^0 + 19^1 + 25^2 = 71 + 82 + 120 + 191 + 252 & 716 &:= 8^2 + 9^0 + 17^2 + 18^0 + 19^2 = 82 + 90 + 172 + 180 + 192 \\ 716 &:= 7^3 + 10^0 + 10^1 + 19^2 + 25^0 = 73 + 100 + 101 + 192 + 250 & 716 &:= 8^2 + 9^1 + 12^0 + 17^1 + 25^2 = 82 + 91 + 120 + 171 + 252 \\ 716 &:= 7^3 + 10^1 + 11^0 + 19^2 + 24^0 = 73 + 101 + 110 + 192 + 240 & 716 &:= 9^0 + 13^2 + 16^0 + 16^2 + 17^2 = 90 + 132 + 160 + 162 + 172 \\ 716 &:= 7^3 + 10^1 + 12^0 + 19^2 + 23^0 = 73 + 101 + 120 + 192 + 230 & 716 &:= 9^1 + 9^1 + 11^2 + 18^0 + 24^2 = 91 + 91 + 112 + 180 + 242 \end{aligned}$$

$$716 := 9^1 + 9^1 + 16^0 + 16^2 + 21^2 = 91 + 91 + 160 + 162 + 212$$

2.2.618 Number 717

$717 := 1^4 + 5^0 + 26^2 + 39^1$	$= 14 + 50 + 262 + 391$	$717 := 1^3 + 5^0 + 12^1 + 26^2 + 27^1$	$= 13 + 50 + 121 + 262 + 271$
$717 := 11^2 + 13^2 + 20^2 + 27^1$	$= 112 + 132 + 202 + 271$	$717 := 1^3 + 5^0 + 13^1 + 26^1 + 26^2$	$= 13 + 50 + 131 + 261 + 262$
$717 := 2^2 + 14^2 + 22^2 + 33^1$	$= 22 + 142 + 222 + 331$	$717 := 1^3 + 5^0 + 14^1 + 25^1 + 26^2$	$= 13 + 50 + 141 + 251 + 262$
$717 := 2^4 + 19^0 + 24^1 + 26^2$	$= 24 + 190 + 241 + 262$	$717 := 1^3 + 5^0 + 15^1 + 24^1 + 26^2$	$= 13 + 50 + 151 + 241 + 262$
$717 := 3^3 + 17^2 + 20^2 + 31^0$	$= 33 + 172 + 202 + 310$	$717 := 1^3 + 5^0 + 16^1 + 23^1 + 26^2$	$= 13 + 50 + 161 + 231 + 262$
$717 := 3^3 + 8^2 + 25^2 + 35^0$	$= 33 + 82 + 252 + 350$	$717 := 1^3 + 5^0 + 17^1 + 22^1 + 26^2$	$= 13 + 50 + 171 + 221 + 262$
$717 := 3^4 + 10^1 + 25^2 + 33^0$	$= 34 + 101 + 252 + 330$	$717 := 1^3 + 5^0 + 18^1 + 21^1 + 26^2$	$= 13 + 50 + 181 + 211 + 262$
$717 := 4^2 + 6^3 + 22^2 + 39^0$	$= 42 + 63 + 222 + 390$	$717 := 1^3 + 5^0 + 19^1 + 20^1 + 26^2$	$= 13 + 50 + 191 + 201 + 262$
$717 := 4^4 + 19^1 + 21^2 + 27^0$	$= 44 + 191 + 212 + 270$	$717 := 1^8 + 2^6 + 16^0 + 25^2 + 26^1$	$= 18 + 26 + 160 + 252 + 261$
$717 := 5^0 + 5^4 + 6^2 + 55^1$	$= 50 + 54 + 62 + 551$	$717 := 10^1 + 11^2 + 12^2 + 17^0 + 21^2$	$= 101 + 112 + 122 + 170 + 212$
$717 := 5^4 + 7^2 + 17^0 + 42^1$	$= 54 + 72 + 170 + 421$	$717 := 10^1 + 15^0 + 15^2 + 15^2 + 16^2$	$= 101 + 150 + 152 + 152 + 162$
$717 := 5^4 + 8^2 + 27^1 + 31^0$	$= 54 + 82 + 271 + 310$	$717 := 10^2 + 11^1 + 11^2 + 17^0 + 22^2$	$= 102 + 111 + 112 + 170 + 222$
$717 := 5^4 + 9^2 + 10^1 + 47^0$	$= 54 + 92 + 101 + 470$	$717 := 11^0 + 11^2 + 15^1 + 16^2 + 18^2$	$= 110 + 112 + 151 + 162 + 182$
$717 := 6^2 + 11^2 + 23^2 + 31^1$	$= 62 + 112 + 232 + 311$	$717 := 11^0 + 12^2 + 14^2 + 15^1 + 19^2$	$= 110 + 122 + 142 + 151 + 192$
$717 := 6^3 + 10^2 + 20^2 + 35^0$	$= 63 + 102 + 202 + 350$	$717 := 2^0 + 2^4 + 18^0 + 23^1 + 26^2$	$= 20 + 24 + 180 + 231 + 262$
$717 := 7^2 + 7^3 + 18^2 + 39^0$	$= 72 + 73 + 182 + 390$	$717 := 2^0 + 4^4 + 18^1 + 21^2 + 26^0$	$= 20 + 44 + 181 + 212 + 260$
$717 := 7^3 + 7^3 + 27^0 + 30^1$	$= 73 + 73 + 270 + 301$	$717 := 2^1 + 13^2 + 16^2 + 17^2 + 23^0$	$= 21 + 132 + 162 + 172 + 230$
$717 := 8^2 + 15^2 + 20^2 + 28^1$	$= 82 + 152 + 202 + 281$	$717 := 2^1 + 4^3 + 15^0 + 25^1 + 25^2$	$= 21 + 43 + 150 + 251 + 252$
$717 := 1^0 + 11^2 + 13^2 + 20^2 + 26^1$	$= 10 + 112 + 132 + 202 + 261$	$717 := 2^1 + 5^2 + 17^2 + 20^2 + 27^0$	$= 21 + 52 + 172 + 202 + 270$
$717 := 1^0 + 2^4 + 19^0 + 23^1 + 26^2$	$= 10 + 24 + 190 + 231 + 262$	$717 := 2^1 + 5^3 + 13^1 + 24^2 + 27^0$	$= 21 + 53 + 131 + 242 + 270$
$717 := 1^0 + 4^4 + 18^1 + 21^2 + 27^0$	$= 10 + 44 + 181 + 212 + 270$	$717 := 2^1 + 6^3 + 14^1 + 22^2 + 27^0$	$= 21 + 63 + 141 + 222 + 270$
$717 := 1^0 + 8^2 + 15^2 + 20^2 + 27^1$	$= 10 + 82 + 152 + 202 + 271$	$717 := 2^1 + 8^2 + 11^2 + 23^2 + 27^0$	$= 21 + 82 + 112 + 232 + 270$
$717 := 1^1 + 4^3 + 15^0 + 25^2 + 26^1$	$= 11 + 43 + 150 + 252 + 261$	$717 := 2^1 + 8^2 + 17^2 + 19^2 + 25^0$	$= 21 + 82 + 172 + 192 + 250$
$717 := 1^1 + 5^3 + 14^1 + 24^2 + 27^0$	$= 11 + 53 + 141 + 242 + 270$	$717 := 2^2 + 11^2 + 15^1 + 19^0 + 24^2$	$= 22 + 112 + 151 + 190 + 242$
$717 := 1^1 + 6^3 + 15^1 + 22^2 + 27^0$	$= 11 + 63 + 151 + 222 + 270$	$717 := 2^2 + 13^2 + 14^1 + 19^0 + 23^2$	$= 22 + 132 + 141 + 190 + 232$
$717 := 1^1 + 7^2 + 15^2 + 21^2 + 27^0$	$= 11 + 72 + 152 + 212 + 270$	$717 := 2^2 + 15^1 + 16^2 + 17^0 + 21^2$	$= 22 + 151 + 162 + 170 + 212$
$717 := 1^2 + 11^2 + 17^0 + 18^1 + 24^2$	$= 12 + 112 + 170 + 181 + 242$	$717 := 2^2 + 3^2 + 13^0 + 26^2 + 27^1$	$= 22 + 32 + 130 + 262 + 271$
$717 := 1^2 + 13^2 + 17^0 + 17^1 + 23^2$	$= 12 + 132 + 170 + 171 + 232$	$717 := 2^2 + 4^2 + 19^0 + 20^1 + 26^2$	$= 22 + 42 + 190 + 201 + 262$
$717 := 1^2 + 15^0 + 16^2 + 18^1 + 21^2$	$= 12 + 150 + 162 + 181 + 212$	$717 := 2^2 + 5^0 + 18^2 + 19^2 + 27^1$	$= 22 + 50 + 182 + 192 + 271$
$717 := 1^2 + 4^2 + 17^0 + 23^1 + 26^2$	$= 12 + 42 + 170 + 231 + 262$	$717 := 2^2 + 5^2 + 11^1 + 26^2 + 27^0$	$= 22 + 52 + 111 + 262 + 270$
$717 := 1^2 + 5^2 + 14^1 + 25^0 + 26^2$	$= 12 + 52 + 141 + 250 + 262$	$717 := 2^2 + 8^2 + 13^0 + 23^1 + 25^2$	$= 22 + 82 + 130 + 231 + 252$
$717 := 1^2 + 6^1 + 15^2 + 22^2 + 27^0$	$= 12 + 61 + 152 + 222 + 270$	$717 := 2^2 + 9^0 + 17^2 + 20^2 + 23^1$	$= 22 + 90 + 172 + 202 + 231$
$717 := 1^2 + 7^0 + 17^2 + 20^2 + 26^1$	$= 12 + 70 + 172 + 202 + 261$	$717 := 2^3 + 10^1 + 11^0 + 22^1 + 26^2$	$= 23 + 101 + 110 + 221 + 262$
$717 := 1^2 + 8^2 + 11^0 + 25^2 + 26^1$	$= 12 + 82 + 110 + 252 + 261$	$717 := 2^3 + 11^0 + 11^1 + 21^1 + 26^2$	$= 23 + 110 + 111 + 211 + 262$
$717 := 1^2 + 9^1 + 9^2 + 25^2 + 27^0$	$= 12 + 91 + 92 + 252 + 270$	$717 := 2^3 + 11^0 + 12^1 + 20^1 + 26^2$	$= 23 + 110 + 121 + 201 + 262$

$$\begin{aligned} 717 &:= 2^3 + 11^0 + 13^1 + 19^1 + 26^2 = 23 + 110 + 131 + 191 + 262 & 717 &:= 3^4 + 8^0 + 9^1 + 25^2 + 26^0 = 34 + 80 + 91 + 252 + 260 \\ 717 &:= 2^3 + 11^0 + 14^1 + 18^1 + 26^2 = 23 + 110 + 141 + 181 + 262 & 717 &:= 3^4 + 9^0 + 9^1 + 25^0 + 25^2 = 34 + 90 + 91 + 250 + 252 \\ 717 &:= 2^3 + 11^0 + 15^1 + 17^1 + 26^2 = 23 + 110 + 151 + 171 + 262 & 717 &:= 3^4 + 9^1 + 10^0 + 24^0 + 25^2 = 34 + 91 + 100 + 240 + 252 \\ 717 &:= 2^3 + 11^0 + 16^1 + 16^1 + 26^2 = 23 + 110 + 161 + 161 + 262 & 717 &:= 3^4 + 9^1 + 11^0 + 23^0 + 25^2 = 34 + 91 + 110 + 230 + 252 \\ 717 &:= 2^3 + 5^1 + 11^0 + 26^2 + 27^1 = 23 + 51 + 110 + 262 + 271 & 717 &:= 3^4 + 9^1 + 12^0 + 22^0 + 25^2 = 34 + 91 + 120 + 220 + 252 \\ 717 &:= 2^3 + 6^1 + 11^0 + 26^1 + 26^2 = 23 + 61 + 110 + 261 + 262 & 717 &:= 3^4 + 9^1 + 13^0 + 21^0 + 25^2 = 34 + 91 + 130 + 210 + 252 \\ 717 &:= 2^3 + 7^1 + 11^0 + 25^1 + 26^2 = 23 + 71 + 110 + 251 + 262 & 717 &:= 3^4 + 9^1 + 14^0 + 20^0 + 25^2 = 34 + 91 + 140 + 200 + 252 \\ 717 &:= 2^3 + 8^1 + 11^0 + 24^1 + 26^2 = 23 + 81 + 110 + 241 + 262 & 717 &:= 3^4 + 9^1 + 15^0 + 19^0 + 25^2 = 34 + 91 + 150 + 190 + 252 \\ 717 &:= 2^3 + 9^1 + 11^0 + 23^1 + 26^2 = 23 + 91 + 110 + 231 + 262 & 717 &:= 3^4 + 9^1 + 16^0 + 18^0 + 25^2 = 34 + 91 + 160 + 180 + 252 \\ 717 &:= 2^4 + 10^0 + 10^0 + 23^1 + 26^2 = 24 + 100 + 100 + 231 + 262 & 717 &:= 3^4 + 9^1 + 17^0 + 17^0 + 25^2 = 34 + 91 + 170 + 170 + 252 \\ 717 &:= 2^4 + 3^0 + 17^0 + 23^1 + 26^2 = 24 + 30 + 170 + 231 + 262 & 717 &:= 4^0 + 4^4 + 18^1 + 21^2 + 24^0 = 40 + 44 + 181 + 212 + 240 \\ 717 &:= 2^4 + 4^0 + 16^0 + 23^1 + 26^2 = 24 + 40 + 160 + 231 + 262 & 717 &:= 4^1 + 4^3 + 15^0 + 23^1 + 25^2 = 41 + 43 + 150 + 231 + 252 \\ 717 &:= 2^4 + 5^0 + 15^0 + 23^1 + 26^2 = 24 + 50 + 150 + 231 + 262 & 717 &:= 4^1 + 5^3 + 11^1 + 24^2 + 27^0 = 41 + 53 + 111 + 242 + 270 \\ 717 &:= 2^4 + 6^0 + 14^0 + 23^1 + 26^2 = 24 + 60 + 140 + 231 + 262 & 717 &:= 4^1 + 6^2 + 10^2 + 24^2 + 27^0 = 41 + 62 + 102 + 242 + 270 \\ 717 &:= 2^4 + 7^0 + 13^0 + 23^1 + 26^2 = 24 + 70 + 130 + 231 + 262 & 717 &:= 4^1 + 6^3 + 12^1 + 22^2 + 27^0 = 41 + 63 + 121 + 222 + 270 \\ 717 &:= 2^4 + 8^0 + 12^0 + 23^1 + 26^2 = 24 + 80 + 120 + 231 + 262 & 717 &:= 4^1 + 8^2 + 18^2 + 18^2 + 23^0 = 41 + 82 + 182 + 182 + 230 \\ 717 &:= 2^4 + 9^0 + 11^0 + 23^1 + 26^2 = 24 + 90 + 110 + 231 + 262 & 717 &:= 4^2 + 11^0 + 14^2 + 20^1 + 22^2 = 42 + 110 + 142 + 201 + 222 \\ 717 &:= 2^7 + 2^7 + 19^1 + 21^2 + 26^0 = 27 + 27 + 191 + 212 + 260 & 717 &:= 4^2 + 11^1 + 17^2 + 19^0 + 20^2 = 42 + 111 + 172 + 190 + 202 \\ 717 &:= 3^0 + 12^2 + 15^2 + 18^2 + 23^1 = 30 + 122 + 152 + 182 + 231 & 717 &:= 4^2 + 15^0 + 15^1 + 18^2 + 19^2 = 42 + 150 + 151 + 182 + 192 \\ 717 &:= 3^0 + 4^4 + 18^1 + 21^2 + 25^0 = 30 + 44 + 181 + 212 + 250 & 717 &:= 4^2 + 5^0 + 12^2 + 23^2 + 27^1 = 42 + 50 + 122 + 232 + 271 \\ 717 &:= 3^0 + 6^2 + 13^2 + 22^2 + 27^1 = 30 + 62 + 132 + 222 + 271 & 717 &:= 4^2 + 7^2 + 9^0 + 25^2 + 26^1 = 42 + 72 + 90 + 252 + 261 \\ 717 &:= 3^0 + 9^2 + 13^2 + 21^2 + 25^1 = 30 + 92 + 132 + 212 + 251 & 717 &:= 4^2 + 8^2 + 11^1 + 23^0 + 25^2 = 42 + 82 + 111 + 230 + 252 \\ 717 &:= 3^1 + 10^2 + 17^2 + 18^2 + 23^0 = 31 + 102 + 172 + 182 + 230 & 717 &:= 4^2 + 9^0 + 10^2 + 24^1 + 24^2 = 42 + 90 + 102 + 241 + 242 \\ 717 &:= 3^1 + 12^2 + 13^2 + 20^2 + 23^0 = 31 + 122 + 132 + 202 + 230 & 717 &:= 4^3 + 10^1 + 15^0 + 17^1 + 25^2 = 43 + 101 + 150 + 171 + 252 \\ 717 &:= 3^1 + 4^2 + 16^2 + 21^2 + 27^0 = 31 + 42 + 162 + 212 + 270 & 717 &:= 4^3 + 11^1 + 15^0 + 16^1 + 25^2 = 43 + 111 + 150 + 161 + 252 \\ 717 &:= 3^1 + 4^3 + 15^0 + 24^1 + 25^2 = 31 + 43 + 150 + 241 + 252 & 717 &:= 4^3 + 12^1 + 15^0 + 15^1 + 25^2 = 43 + 121 + 150 + 151 + 252 \\ 717 &:= 3^1 + 5^3 + 12^1 + 24^2 + 27^0 = 31 + 53 + 121 + 242 + 270 & 717 &:= 4^3 + 13^1 + 14^1 + 15^0 + 25^2 = 43 + 131 + 141 + 150 + 252 \\ 717 &:= 3^1 + 6^3 + 13^1 + 22^2 + 27^0 = 31 + 63 + 131 + 222 + 270 & 717 &:= 4^3 + 5^1 + 15^0 + 22^1 + 25^2 = 43 + 51 + 150 + 221 + 252 \\ 717 &:= 3^2 + 10^1 + 11^2 + 23^0 + 24^2 = 32 + 101 + 112 + 230 + 242 & 717 &:= 4^3 + 6^1 + 15^0 + 21^1 + 25^2 = 43 + 61 + 150 + 211 + 252 \\ 717 &:= 3^2 + 10^1 + 16^2 + 21^0 + 21^2 = 32 + 101 + 162 + 210 + 212 & 717 &:= 4^3 + 7^1 + 15^0 + 20^1 + 25^2 = 43 + 71 + 150 + 201 + 252 \\ 717 &:= 3^2 + 13^0 + 17^2 + 18^1 + 20^2 = 32 + 130 + 172 + 181 + 202 & 717 &:= 4^3 + 8^1 + 15^0 + 19^1 + 25^2 = 43 + 81 + 150 + 191 + 252 \\ 717 &:= 3^2 + 3^2 + 17^0 + 22^1 + 26^2 = 32 + 32 + 170 + 221 + 262 & 717 &:= 4^3 + 9^1 + 15^0 + 18^1 + 25^2 = 43 + 91 + 150 + 181 + 252 \\ 717 &:= 3^2 + 4^2 + 15^1 + 23^0 + 26^2 = 32 + 42 + 151 + 230 + 262 & 717 &:= 4^4 + 10^0 + 18^0 + 18^1 + 21^2 = 44 + 100 + 180 + 181 + 212 \\ 717 &:= 3^2 + 5^0 + 14^2 + 22^2 + 27^1 = 32 + 50 + 142 + 222 + 271 & 717 &:= 4^4 + 11^0 + 17^0 + 18^1 + 21^2 = 44 + 110 + 170 + 181 + 212 \\ 717 &:= 3^2 + 8^2 + 17^0 + 18^1 + 25^2 = 32 + 82 + 170 + 181 + 252 & 717 &:= 4^4 + 12^0 + 16^0 + 18^1 + 21^2 = 44 + 120 + 160 + 181 + 212 \\ 717 &:= 3^2 + 9^0 + 18^2 + 19^2 + 22^1 = 32 + 90 + 182 + 192 + 221 & 717 &:= 4^4 + 13^0 + 15^0 + 18^1 + 21^2 = 44 + 130 + 150 + 181 + 212 \\ 717 &:= 3^2 + 9^1 + 13^2 + 23^0 + 23^2 = 32 + 91 + 132 + 230 + 232 & 717 &:= 4^4 + 14^0 + 14^0 + 18^1 + 21^2 = 44 + 140 + 140 + 181 + 212 \\ 717 &:= 3^4 + 7^0 + 9^1 + 25^2 + 27^0 = 34 + 70 + 91 + 252 + 270 & 717 &:= 4^4 + 5^0 + 18^1 + 21^2 + 23^0 = 44 + 50 + 181 + 212 + 230 \end{aligned}$$

$$\begin{array}{ll}
 717 := 4^4 + 6^0 + 18^1 + 21^2 + 22^0 & = 44 + 60 + 181 + 212 + 220 \\
 717 := 4^4 + 7^0 + 18^1 + 21^0 + 21^2 & = 44 + 70 + 181 + 210 + 212 \\
 717 := 4^4 + 8^0 + 18^1 + 20^0 + 21^2 & = 44 + 80 + 181 + 200 + 212 \\
 717 := 4^4 + 9^0 + 18^1 + 19^0 + 21^2 & = 44 + 90 + 181 + 190 + 212 \\
 717 := 5^0 + 5^2 + 15^2 + 21^2 + 25^1 & = 50 + 52 + 152 + 212 + 251 \\
 717 := 5^0 + 5^4 + 8^2 + 26^1 + 27^0 & = 50 + 54 + 82 + 261 + 270 \\
 717 := 5^0 + 6^2 + 16^2 + 20^2 + 24^1 & = 50 + 62 + 162 + 202 + 241 \\
 717 := 5^0 + 7^2 + 8^2 + 24^2 + 27^1 & = 50 + 72 + 82 + 242 + 271 \\
 717 := 5^0 + 8^2 + 12^2 + 22^2 + 24^1 & = 50 + 82 + 122 + 222 + 241 \\
 717 := 5^0 + 9^2 + 17^2 + 18^2 + 22^1 & = 50 + 92 + 172 + 182 + 221 \\
 717 := 5^0 + 9^2 + 9^2 + 23^2 + 25^1 & = 50 + 92 + 92 + 232 + 251 \\
 717 := 5^1 + 5^3 + 10^1 + 24^2 + 27^0 & = 51 + 53 + 101 + 242 + 270 \\
 717 := 5^1 + 6^3 + 11^1 + 22^2 + 27^0 & = 51 + 63 + 111 + 222 + 270 \\
 717 := 5^2 + 10^2 + 15^1 + 17^0 + 24^2 & = 52 + 102 + 151 + 170 + 242 \\
 717 := 5^2 + 11^1 + 14^2 + 19^0 + 22^2 & = 52 + 111 + 142 + 190 + 222 \\
 717 := 5^2 + 12^2 + 13^0 + 18^1 + 23^2 & = 52 + 122 + 130 + 181 + 232 \\
 717 := 5^2 + 6^1 + 18^2 + 19^2 + 23^0 & = 52 + 61 + 182 + 192 + 230 \\
 717 := 5^2 + 7^2 + 17^0 + 17^1 + 25^2 & = 52 + 72 + 170 + 171 + 252 \\
 717 := 5^3 + 6^1 + 9^1 + 24^2 + 27^0 & = 53 + 61 + 91 + 242 + 270 \\
 717 := 5^3 + 7^1 + 8^1 + 24^2 + 27^0 & = 53 + 71 + 81 + 242 + 270 \\
 717 := 5^4 + 6^0 + 8^2 + 26^0 + 26^1 & = 54 + 60 + 82 + 260 + 261 \\
 717 := 5^4 + 7^0 + 8^2 + 25^0 + 26^1 & = 54 + 70 + 82 + 250 + 261 \\
 717 := 5^4 + 8^0 + 8^2 + 24^0 + 26^1 & = 54 + 80 + 82 + 240 + 261 \\
 717 := 5^4 + 8^2 + 10^0 + 22^0 + 26^1 & = 54 + 82 + 100 + 220 + 261 \\
 717 := 5^4 + 8^2 + 11^0 + 21^0 + 26^1 & = 54 + 82 + 110 + 210 + 261 \\
 717 := 5^4 + 8^2 + 12^0 + 20^0 + 26^1 & = 54 + 82 + 120 + 200 + 261 \\
 717 := 5^4 + 8^2 + 13^0 + 19^0 + 26^1 & = 54 + 82 + 130 + 190 + 261 \\
 717 := 5^4 + 8^2 + 14^0 + 18^0 + 26^1 & = 54 + 82 + 140 + 180 + 261 \\
 717 := 5^4 + 8^2 + 15^0 + 17^0 + 26^1 & = 54 + 82 + 150 + 170 + 261 \\
 717 := 5^4 + 8^2 + 16^0 + 16^0 + 26^1 & = 54 + 82 + 160 + 160 + 261 \\
 717 := 5^4 + 8^2 + 9^0 + 23^0 + 26^1 & = 54 + 82 + 90 + 230 + 261 \\
 717 := 5^4 + 9^1 + 9^2 + 21^0 + 27^0 & = 54 + 91 + 92 + 210 + 270 \\
 717 := 5^4 + 9^1 + 9^2 + 22^0 + 26^0 & = 54 + 91 + 92 + 220 + 260 \\
 717 := 5^4 + 9^1 + 9^2 + 23^0 + 25^0 & = 54 + 91 + 92 + 230 + 250 \\
 717 := 5^4 + 9^1 + 9^2 + 24^0 + 24^0 & = 54 + 91 + 92 + 240 + 240 \\
 717 := 6^1 + 10^2 + 13^2 + 21^0 + 21^2 & = 61 + 102 + 132 + 210 + 212 \\
 717 := 6^1 + 14^2 + 15^2 + 17^2 + 19^0 & = 61 + 142 + 152 + 172 + 190 \\
 717 := 6^1 + 6^2 + 7^2 + 25^2 + 27^0 & = 61 + 62 + 72 + 252 + 270 \\
 717 := 6^1 + 6^3 + 10^1 + 22^2 + 27^0 & = 61 + 63 + 101 + 222 + 270 \\
 717 := 6^1 + 9^2 + 10^2 + 23^0 + 23^2 & = 61 + 92 + 102 + 230 + 232 \\
 717 := 6^2 + 14^1 + 15^0 + 15^2 + 21^2 & = 62 + 141 + 150 + 152 + 212 \\
 717 := 6^2 + 6^2 + 15^0 + 19^1 + 25^2 & = 62 + 62 + 150 + 191 + 252 \\
 717 := 6^2 + 7^1 + 12^2 + 23^0 + 23^2 & = 62 + 71 + 122 + 230 + 232 \\
 717 := 6^2 + 9^0 + 9^2 + 23^1 + 24^2 & = 62 + 90 + 92 + 231 + 242 \\
 717 := 6^3 + 7^1 + 9^1 + 22^2 + 27^0 & = 63 + 71 + 91 + 222 + 270 \\
 717 := 6^3 + 8^1 + 8^1 + 22^2 + 27^0 & = 63 + 81 + 81 + 222 + 270 \\
 717 := 7^0 + 10^2 + 14^2 + 20^1 + 20^2 & = 70 + 102 + 142 + 201 + 202 \\
 717 := 7^0 + 8^2 + 10^2 + 23^1 + 23^2 & = 70 + 82 + 102 + 231 + 232 \\
 717 := 7^1 + 9^2 + 12^2 + 21^0 + 22^2 & = 71 + 92 + 122 + 210 + 222 \\
 717 := 7^2 + 11^0 + 17^1 + 17^2 + 19^2 & = 72 + 110 + 171 + 172 + 192 \\
 717 := 7^2 + 11^1 + 16^2 + 17^0 + 20^2 & = 72 + 111 + 162 + 170 + 202 \\
 717 := 7^2 + 11^2 + 13^0 + 17^1 + 23^2 & = 72 + 112 + 130 + 171 + 232 \\
 717 := 7^2 + 13^2 + 14^1 + 15^0 + 22^2 & = 72 + 132 + 141 + 150 + 222 \\
 717 := 7^2 + 9^0 + 18^2 + 18^2 + 19^1 & = 72 + 90 + 182 + 182 + 191 \\
 717 := 7^2 + 9^2 + 10^1 + 21^0 + 24^2 & = 72 + 92 + 101 + 210 + 242 \\
 717 := 8^1 + 14^2 + 16^2 + 16^2 + 17^0 & = 81 + 142 + 162 + 162 + 170 \\
 717 := 8^1 + 8^3 + 13^2 + 15^0 + 27^1 & = 81 + 83 + 132 + 150 + 271 \\
 717 := 8^2 + 13^0 + 14^2 + 15^1 + 21^2 & = 82 + 130 + 142 + 151 + 212 \\
 717 := 8^2 + 8^2 + 12^1 + 19^0 + 24^2 & = 82 + 82 + 121 + 190 + 242 \\
 717 := 8^3 + 10^1 + 13^2 + 15^0 + 25^1 & = 83 + 101 + 132 + 150 + 251 \\
 717 := 8^3 + 11^1 + 13^2 + 15^0 + 24^1 & = 83 + 111 + 132 + 150 + 241 \\
 717 := 8^3 + 12^1 + 13^2 + 15^0 + 23^1 & = 83 + 121 + 132 + 150 + 231 \\
 717 := 8^3 + 13^1 + 13^2 + 15^0 + 22^1 & = 83 + 131 + 132 + 150 + 221 \\
 717 := 8^3 + 13^2 + 14^1 + 15^0 + 21^1 & = 83 + 132 + 141 + 150 + 211 \\
 717 := 8^3 + 13^2 + 15^0 + 15^1 + 20^1 & = 83 + 132 + 150 + 151 + 201 \\
 717 := 8^3 + 13^2 + 15^0 + 16^1 + 19^1 & = 83 + 132 + 150 + 161 + 191 \\
 717 := 8^3 + 13^2 + 15^0 + 17^1 + 18^1 & = 83 + 132 + 150 + 171 + 181 \\
 717 := 8^3 + 9^1 + 13^2 + 15^0 + 26^1 & = 83 + 91 + 132 + 150 + 261 \\
 717 := 9^0 + 11^2 + 17^1 + 17^2 + 17^2 & = 90 + 112 + 171 + 172 + 172 \\
 717 := 9^0 + 13^2 + 13^2 + 17^1 + 19^2 & = 90 + 132 + 132 + 171 + 192 \\
 717 := 9^0 + 9^2 + 16^2 + 18^1 + 19^2 & = 90 + 92 + 162 + 181 + 192 \\
 717 := 9^1 + 11^2 + 15^2 + 17^0 + 19^2 & = 91 + 112 + 152 + 170 + 192 \\
 717 := 9^2 + 10^1 + 15^2 + 17^0 + 20^2 & = 92 + 101 + 152 + 170 + 202
 \end{array}$$

2.2.619 Number 718

$718 := 1^5 + 4^0 + 26^2 + 40^1$	$= 15 + 40 + 262 + 401$	$718 := 2^2 + 12^2 + 13^2 + 20^2 + 24^0$	$= 22 + 122 + 132 + 202 + 240$
$718 := 2^4 + 5^2 + 26^2 + 38^0$	$= 24 + 52 + 262 + 380$	$718 := 2^2 + 4^3 + 16^0 + 24^1 + 25^2$	$= 22 + 43 + 160 + 241 + 252$
$718 := 2^5 + 9^1 + 26^2 + 34^0$	$= 25 + 91 + 262 + 340$	$718 := 2^3 + 11^1 + 13^2 + 22^0 + 23^2$	$= 23 + 111 + 132 + 220 + 232$
$718 := 3^5 + 14^0 + 21^2 + 33^1$	$= 35 + 140 + 212 + 331$	$718 := 2^3 + 11^2 + 12^1 + 22^0 + 24^2$	$= 23 + 112 + 121 + 220 + 242$
$718 := 4^3 + 5^4 + 28^1 + 34^0$	$= 43 + 54 + 281 + 340$	$718 := 2^3 + 12^0 + 17^2 + 20^1 + 20^2$	$= 23 + 120 + 172 + 201 + 202$
$718 := 4^4 + 10^2 + 19^2 + 38^0$	$= 44 + 102 + 192 + 380$	$718 := 2^3 + 12^1 + 16^2 + 20^0 + 21^2$	$= 23 + 121 + 162 + 200 + 212$
$718 := 1^1 + 2^4 + 18^0 + 24^1 + 26^2$	$= 11 + 24 + 180 + 241 + 262$	$718 := 2^3 + 3^2 + 16^0 + 24^1 + 26^2$	$= 23 + 32 + 160 + 241 + 262$
$718 := 1^1 + 4^4 + 19^1 + 21^2 + 26^0$	$= 11 + 44 + 191 + 212 + 260$	$718 := 2^3 + 4^2 + 17^1 + 22^0 + 26^2$	$= 23 + 42 + 171 + 220 + 262$
$718 := 1^2 + 14^2 + 14^2 + 18^2 + 24^0$	$= 12 + 142 + 142 + 182 + 240$	$718 := 2^3 + 8^0 + 18^2 + 19^2 + 24^1$	$= 23 + 80 + 182 + 192 + 241$
$718 := 1^2 + 4^3 + 14^0 + 25^2 + 27^1$	$= 12 + 43 + 140 + 252 + 271$	$718 := 2^3 + 8^2 + 16^0 + 20^1 + 25^2$	$= 23 + 82 + 160 + 201 + 252$
$718 := 1^2 + 5^3 + 15^1 + 24^2 + 26^0$	$= 12 + 53 + 151 + 242 + 260$	$718 := 2^3 + 8^3 + 14^2 + 20^0 + 27^0$	$= 23 + 83 + 142 + 200 + 270$
$718 := 1^2 + 6^3 + 16^1 + 22^2 + 26^0$	$= 12 + 63 + 161 + 222 + 260$	$718 := 2^3 + 8^3 + 14^2 + 21^0 + 26^0$	$= 23 + 83 + 142 + 210 + 260$
$718 := 1^3 + 11^2 + 16^0 + 19^1 + 24^2$	$= 13 + 112 + 160 + 191 + 242$	$718 := 2^3 + 8^3 + 14^2 + 22^0 + 25^0$	$= 23 + 83 + 142 + 220 + 250$
$718 := 1^3 + 13^2 + 16^0 + 18^1 + 23^2$	$= 13 + 132 + 160 + 181 + 232$	$718 := 2^3 + 8^3 + 14^2 + 23^0 + 24^0$	$= 23 + 83 + 142 + 230 + 240$
$718 := 1^3 + 14^0 + 16^2 + 19^1 + 21^2$	$= 13 + 140 + 162 + 191 + 212$	$718 := 2^4 + 10^1 + 15^1 + 18^0 + 26^2$	$= 24 + 101 + 151 + 180 + 262$
$718 := 1^3 + 4^2 + 16^0 + 24^1 + 26^2$	$= 13 + 42 + 160 + 241 + 262$	$718 := 2^4 + 11^1 + 14^1 + 18^0 + 26^2$	$= 24 + 111 + 141 + 180 + 262$
$718 := 1^3 + 5^2 + 15^1 + 24^0 + 26^2$	$= 13 + 52 + 151 + 240 + 262$	$718 := 2^4 + 12^1 + 13^1 + 18^0 + 26^2$	$= 24 + 121 + 131 + 180 + 262$
$718 := 1^3 + 6^0 + 17^2 + 20^2 + 27^1$	$= 13 + 60 + 172 + 202 + 271$	$718 := 2^4 + 3^1 + 18^0 + 22^1 + 26^2$	$= 24 + 31 + 180 + 221 + 262$
$718 := 1^3 + 7^1 + 15^2 + 22^2 + 26^0$	$= 13 + 71 + 152 + 222 + 260$	$718 := 2^4 + 4^1 + 18^0 + 21^1 + 26^2$	$= 24 + 41 + 180 + 211 + 262$
$718 := 1^3 + 8^2 + 10^0 + 25^2 + 27^1$	$= 13 + 82 + 100 + 252 + 271$	$718 := 2^4 + 5^1 + 18^0 + 20^1 + 26^2$	$= 24 + 51 + 180 + 201 + 262$
$718 := 1^3 + 9^2 + 10^1 + 25^2 + 26^0$	$= 13 + 92 + 101 + 252 + 260$	$718 := 2^4 + 6^1 + 18^0 + 19^1 + 26^2$	$= 24 + 61 + 180 + 191 + 262$
$718 := 1^4 + 4^0 + 13^1 + 26^2 + 27^1$	$= 14 + 40 + 131 + 262 + 271$	$718 := 2^4 + 7^1 + 18^0 + 18^1 + 26^2$	$= 24 + 71 + 180 + 181 + 262$
$718 := 1^4 + 4^0 + 14^1 + 26^1 + 26^2$	$= 14 + 40 + 141 + 261 + 262$	$718 := 2^4 + 8^1 + 17^1 + 18^0 + 26^2$	$= 24 + 81 + 171 + 180 + 262$
$718 := 1^4 + 4^0 + 15^1 + 25^1 + 26^2$	$= 14 + 40 + 151 + 251 + 262$	$718 := 2^4 + 9^1 + 16^1 + 18^0 + 26^2$	$= 24 + 91 + 161 + 180 + 262$
$718 := 1^4 + 4^0 + 16^1 + 24^1 + 26^2$	$= 14 + 40 + 161 + 241 + 262$	$718 := 2^5 + 8^0 + 8^1 + 26^2 + 27^0$	$= 25 + 80 + 81 + 262 + 270$
$718 := 1^4 + 4^0 + 17^1 + 23^1 + 26^2$	$= 14 + 40 + 171 + 231 + 262$	$718 := 2^5 + 8^1 + 10^0 + 25^0 + 26^2$	$= 25 + 81 + 100 + 250 + 262$
$718 := 1^4 + 4^0 + 18^1 + 22^1 + 26^2$	$= 14 + 40 + 181 + 221 + 262$	$718 := 2^5 + 8^1 + 11^0 + 24^0 + 26^2$	$= 25 + 81 + 110 + 240 + 262$
$718 := 1^4 + 4^0 + 19^1 + 21^1 + 26^2$	$= 14 + 40 + 191 + 211 + 262$	$718 := 2^5 + 8^1 + 12^0 + 23^0 + 26^2$	$= 25 + 81 + 120 + 230 + 262$
$718 := 1^4 + 4^0 + 20^1 + 20^1 + 26^2$	$= 14 + 40 + 201 + 201 + 262$	$718 := 2^5 + 8^1 + 13^0 + 22^0 + 26^2$	$= 25 + 81 + 130 + 220 + 262$
$718 := 1^7 + 2^8 + 19^1 + 21^2 + 27^0$	$= 17 + 28 + 191 + 212 + 270$	$718 := 2^5 + 8^1 + 14^0 + 21^0 + 26^2$	$= 25 + 81 + 140 + 210 + 262$
$718 := 1^9 + 2^6 + 15^0 + 25^2 + 27^1$	$= 19 + 26 + 150 + 252 + 271$	$718 := 2^5 + 8^1 + 15^0 + 20^0 + 26^2$	$= 25 + 81 + 150 + 200 + 262$
$718 := 10^2 + 14^2 + 14^2 + 15^2 + 18^0$	$= 102 + 142 + 142 + 152 + 180$	$718 := 2^5 + 8^1 + 16^0 + 19^0 + 26^2$	$= 25 + 81 + 160 + 190 + 262$
$718 := 11^2 + 12^2 + 14^2 + 16^2 + 18^0$	$= 112 + 122 + 142 + 162 + 180$	$718 := 2^5 + 8^1 + 17^0 + 18^0 + 26^2$	$= 25 + 81 + 170 + 180 + 262$
$718 := 2^1 + 2^4 + 18^0 + 23^1 + 26^2$	$= 21 + 24 + 180 + 231 + 262$	$718 := 2^5 + 8^1 + 9^0 + 26^0 + 26^2$	$= 25 + 81 + 90 + 260 + 262$
$718 := 2^1 + 4^4 + 18^1 + 21^2 + 26^0$	$= 21 + 44 + 181 + 212 + 260$	$718 := 3^1 + 4^4 + 17^1 + 21^2 + 26^0$	$= 31 + 44 + 171 + 212 + 260$
$718 := 2^2 + 10^2 + 17^2 + 18^2 + 24^0$	$= 22 + 102 + 172 + 182 + 240$	$718 := 3^2 + 14^2 + 16^2 + 16^2 + 22^0$	$= 32 + 142 + 162 + 162 + 220$

$$\begin{aligned} 718 &:= 3^2 + 4^3 + 19^1 + 20^0 + 25^2 = 32 + 43 + 191 + 200 + 252 & 718 &:= 4^3 + 8^2 + 13^1 + 22^0 + 24^2 = 43 + 82 + 131 + 220 + 242 \\ 718 &:= 3^2 + 8^3 + 13^2 + 20^0 + 27^1 = 32 + 83 + 132 + 200 + 271 & 718 &:= 4^4 + 10^1 + 10^1 + 21^2 + 26^0 = 44 + 101 + 101 + 212 + 260 \\ 718 &:= 3^3 + 10^1 + 14^2 + 22^0 + 22^2 = 33 + 101 + 142 + 220 + 222 & 718 &:= 4^4 + 5^1 + 15^1 + 21^2 + 26^0 = 44 + 51 + 151 + 212 + 260 \\ 718 &:= 3^3 + 10^2 + 14^1 + 20^0 + 24^2 = 33 + 102 + 141 + 200 + 242 & 718 &:= 4^4 + 6^1 + 14^1 + 21^2 + 26^0 = 44 + 61 + 141 + 212 + 260 \\ 718 &:= 3^3 + 12^2 + 16^0 + 17^1 + 23^2 = 33 + 122 + 160 + 171 + 232 & 718 &:= 4^4 + 7^1 + 13^1 + 21^2 + 26^0 = 44 + 71 + 131 + 212 + 260 \\ 718 &:= 3^3 + 4^3 + 12^0 + 25^2 + 27^0 = 33 + 43 + 120 + 252 + 270 & 718 &:= 4^4 + 8^1 + 12^1 + 21^2 + 26^0 = 44 + 81 + 121 + 212 + 260 \\ 718 &:= 3^3 + 4^3 + 13^0 + 25^2 + 26^0 = 33 + 43 + 130 + 252 + 260 & 718 &:= 4^4 + 9^1 + 11^1 + 21^2 + 26^0 = 44 + 91 + 111 + 212 + 260 \\ 718 &:= 3^3 + 4^3 + 14^0 + 25^0 + 25^2 = 33 + 43 + 140 + 250 + 252 & 718 &:= 5^1 + 7^3 + 7^3 + 26^0 + 26^1 = 51 + 73 + 73 + 260 + 261 \\ 718 &:= 3^3 + 4^3 + 15^0 + 24^0 + 25^2 = 33 + 43 + 150 + 240 + 252 & 718 &:= 5^2 + 6^2 + 16^2 + 20^2 + 24^0 = 52 + 62 + 162 + 202 + 240 \\ 718 &:= 3^3 + 4^3 + 16^0 + 23^0 + 25^2 = 33 + 43 + 160 + 230 + 252 & 718 &:= 5^2 + 7^3 + 16^0 + 18^2 + 25^1 = 52 + 73 + 160 + 182 + 251 \\ 718 &:= 3^3 + 4^3 + 17^0 + 22^0 + 25^2 = 33 + 43 + 170 + 220 + 252 & 718 &:= 5^2 + 8^2 + 12^2 + 22^2 + 24^0 = 52 + 82 + 122 + 222 + 240 \\ 718 &:= 3^3 + 4^3 + 18^0 + 21^0 + 25^2 = 33 + 43 + 180 + 210 + 252 & 718 &:= 5^3 + 10^0 + 13^2 + 20^2 + 23^1 = 53 + 100 + 132 + 202 + 231 \\ 718 &:= 3^3 + 4^3 + 19^0 + 20^0 + 25^2 = 33 + 43 + 190 + 200 + 252 & 718 &:= 5^3 + 12^1 + 16^2 + 18^2 + 20^0 = 53 + 121 + 162 + 182 + 200 \\ 718 &:= 3^3 + 5^1 + 18^2 + 19^2 + 26^0 = 33 + 51 + 182 + 192 + 260 & 718 &:= 5^3 + 14^1 + 17^2 + 17^2 + 18^0 = 53 + 141 + 172 + 172 + 180 \\ 718 &:= 3^3 + 7^2 + 16^1 + 20^0 + 25^2 = 33 + 72 + 161 + 200 + 252 & 718 &:= 5^3 + 6^1 + 15^2 + 19^2 + 26^0 = 53 + 61 + 152 + 192 + 260 \\ 718 &:= 3^3 + 8^0 + 15^2 + 21^2 + 24^1 = 33 + 80 + 152 + 212 + 241 & 718 &:= 5^3 + 6^2 + 10^0 + 23^2 + 27^1 = 53 + 62 + 100 + 232 + 271 \\ 718 &:= 4^1 + 4^4 + 16^1 + 21^2 + 26^0 = 41 + 44 + 161 + 212 + 260 & 718 &:= 5^3 + 7^1 + 12^2 + 21^2 + 26^0 = 53 + 71 + 122 + 212 + 260 \\ 718 &:= 4^1 + 7^3 + 7^3 + 26^0 + 27^1 = 41 + 73 + 73 + 260 + 271 & 718 &:= 5^3 + 7^2 + 14^1 + 22^0 + 23^2 = 53 + 72 + 141 + 220 + 232 \\ 718 &:= 4^2 + 11^2 + 16^2 + 18^2 + 22^0 = 42 + 112 + 162 + 182 + 220 & 718 &:= 5^3 + 8^0 + 9^2 + 22^2 + 27^1 = 53 + 80 + 92 + 222 + 271 \\ 718 &:= 4^2 + 12^2 + 14^2 + 19^2 + 22^0 = 42 + 122 + 142 + 192 + 220 & 718 &:= 5^3 + 8^1 + 10^2 + 22^2 + 26^0 = 53 + 81 + 102 + 222 + 260 \\ 718 &:= 4^2 + 4^2 + 18^2 + 19^2 + 26^0 = 42 + 42 + 182 + 192 + 260 & 718 &:= 5^4 + 7^2 + 16^0 + 16^1 + 27^1 = 54 + 72 + 160 + 161 + 271 \\ 718 &:= 4^2 + 4^3 + 12^1 + 25^2 + 26^0 = 42 + 43 + 121 + 252 + 260 & 718 &:= 5^4 + 7^2 + 16^0 + 17^1 + 26^1 = 54 + 72 + 160 + 171 + 261 \\ 718 &:= 4^2 + 8^2 + 14^2 + 21^2 + 24^0 = 42 + 82 + 142 + 212 + 240 & 718 &:= 5^4 + 7^2 + 16^0 + 18^1 + 25^1 = 54 + 72 + 160 + 181 + 251 \\ 718 &:= 4^2 + 8^3 + 13^2 + 20^1 + 26^0 = 42 + 83 + 132 + 201 + 260 & 718 &:= 5^4 + 7^2 + 16^0 + 19^1 + 24^1 = 54 + 72 + 160 + 191 + 241 \\ 718 &:= 4^3 + 10^0 + 10^2 + 23^2 + 24^1 = 43 + 100 + 102 + 232 + 241 & 718 &:= 5^4 + 7^2 + 16^0 + 20^1 + 23^1 = 54 + 72 + 160 + 201 + 231 \\ 718 &:= 4^3 + 14^2 + 16^0 + 16^1 + 21^2 = 43 + 142 + 160 + 161 + 212 & 718 &:= 5^4 + 7^2 + 16^0 + 21^1 + 22^1 = 54 + 72 + 160 + 211 + 221 \\ 718 &:= 4^3 + 5^1 + 18^2 + 18^2 + 26^0 = 43 + 51 + 182 + 182 + 260 & 718 &:= 6^1 + 7^3 + 7^3 + 25^1 + 26^0 = 61 + 73 + 73 + 251 + 260 \\ 718 &:= 4^3 + 5^4 + 10^0 + 25^0 + 27^1 = 43 + 54 + 100 + 250 + 271 & 718 &:= 6^2 + 13^2 + 16^2 + 16^2 + 20^0 = 62 + 132 + 162 + 162 + 200 \\ 718 &:= 4^3 + 5^4 + 11^0 + 24^0 + 27^1 = 43 + 54 + 110 + 240 + 271 & 718 &:= 6^2 + 14^2 + 14^2 + 17^2 + 20^0 = 62 + 142 + 142 + 172 + 200 \\ 718 &:= 4^3 + 5^4 + 12^0 + 23^0 + 27^1 = 43 + 54 + 120 + 230 + 271 & 718 &:= 6^2 + 6^3 + 14^0 + 21^2 + 24^1 = 62 + 63 + 140 + 212 + 241 \\ 718 &:= 4^3 + 5^4 + 13^0 + 22^0 + 27^1 = 43 + 54 + 130 + 220 + 271 & 718 &:= 6^2 + 7^3 + 14^1 + 18^2 + 26^0 = 62 + 73 + 141 + 182 + 260 \\ 718 &:= 4^3 + 5^4 + 14^0 + 21^0 + 27^1 = 43 + 54 + 140 + 210 + 271 & 718 &:= 6^2 + 8^2 + 16^2 + 19^2 + 22^0 = 62 + 82 + 162 + 192 + 220 \\ 718 &:= 4^3 + 5^4 + 15^0 + 20^0 + 27^1 = 43 + 54 + 150 + 200 + 271 & 718 &:= 6^2 + 8^3 + 12^2 + 20^0 + 25^1 = 62 + 83 + 122 + 200 + 251 \\ 718 &:= 4^3 + 5^4 + 16^0 + 19^0 + 27^1 = 43 + 54 + 160 + 190 + 271 & 718 &:= 6^3 + 11^2 + 16^0 + 19^1 + 19^2 = 63 + 112 + 160 + 191 + 192 \\ 718 &:= 4^3 + 5^4 + 17^0 + 18^0 + 27^1 = 43 + 54 + 170 + 180 + 271 & 718 &:= 6^3 + 14^0 + 15^2 + 16^2 + 20^1 = 63 + 140 + 152 + 162 + 201 \\ 718 &:= 4^3 + 5^4 + 8^0 + 27^0 + 27^1 = 43 + 54 + 80 + 270 + 271 & 718 &:= 6^3 + 14^2 + 16^1 + 17^2 + 18^0 = 63 + 142 + 161 + 172 + 180 \\ 718 &:= 4^3 + 5^4 + 9^0 + 26^0 + 27^1 = 43 + 54 + 90 + 260 + 271 & 718 &:= 6^3 + 7^2 + 11^1 + 21^2 + 26^0 = 63 + 72 + 111 + 212 + 260 \\ 718 &:= 4^3 + 8^0 + 12^2 + 22^2 + 25^1 = 43 + 80 + 122 + 222 + 251 & 718 &:= 6^3 + 8^1 + 13^2 + 18^2 + 26^0 = 63 + 81 + 132 + 182 + 260 \end{aligned}$$

$$\begin{aligned}
 718 &:= 6^3 + 9^2 + 16^0 + 20^1 + 20^2 = 63 + 92 + 160 + 201 + 202 & 718 &:= 7^3 + 7^3 + 15^1 + 16^1 + 26^0 = 73 + 73 + 151 + 161 + 260 \\
 718 &:= 7^1 + 7^3 + 7^3 + 24^1 + 26^0 = 71 + 73 + 73 + 241 + 260 & 718 &:= 7^3 + 7^3 + 8^1 + 23^1 + 26^0 = 73 + 73 + 81 + 231 + 260 \\
 718 &:= 7^3 + 10^2 + 16^2 + 18^1 + 20^0 = 73 + 102 + 162 + 181 + 200 & 718 &:= 7^3 + 7^3 + 9^1 + 22^1 + 26^0 = 73 + 73 + 91 + 221 + 260 \\
 718 &:= 7^3 + 7^3 + 10^1 + 21^1 + 26^0 = 73 + 73 + 101 + 211 + 260 & 718 &:= 7^3 + 8^2 + 17^2 + 18^0 + 21^1 = 73 + 82 + 172 + 180 + 211 \\
 718 &:= 7^3 + 7^3 + 11^1 + 20^1 + 26^0 = 73 + 73 + 111 + 201 + 260 & 718 &:= 8^2 + 8^3 + 11^2 + 20^1 + 24^0 = 82 + 83 + 112 + 201 + 240 \\
 718 &:= 7^3 + 7^3 + 12^1 + 19^1 + 26^0 = 73 + 73 + 121 + 191 + 260 & 718 &:= 8^3 + 9^2 + 10^2 + 20^0 + 24^1 = 83 + 92 + 102 + 200 + 241 \\
 718 &:= 7^3 + 7^3 + 13^1 + 18^1 + 26^0 = 73 + 73 + 131 + 181 + 260 \\
 718 &:= 7^3 + 7^3 + 14^1 + 17^1 + 26^0 = 73 + 73 + 141 + 171 + 260
 \end{aligned}$$

2.2.620 Number 719

$$\begin{aligned}
 719 &:= 1^4 + 18^2 + 19^2 + 33^1 = 14 + 182 + 192 + 331 & 719 &:= 1^3 + 9^1 + 18^2 + 19^2 + 24^1 = 13 + 91 + 182 + 192 + 241 \\
 719 &:= 1^6 + 3^0 + 26^2 + 41^1 = 16 + 30 + 262 + 411 & 719 &:= 1^4 + 11^2 + 15^0 + 20^1 + 24^2 = 14 + 112 + 150 + 201 + 242 \\
 719 &:= 2^3 + 7^3 + 18^2 + 44^1 = 23 + 73 + 182 + 441 & 719 &:= 1^4 + 13^0 + 16^2 + 20^1 + 21^2 = 14 + 130 + 162 + 201 + 212 \\
 719 &:= 2^6 + 15^0 + 25^2 + 29^1 = 26 + 150 + 252 + 291 & 719 &:= 1^4 + 13^2 + 15^0 + 19^1 + 23^2 = 14 + 132 + 150 + 191 + 232 \\
 719 &:= 3^3 + 3^3 + 25^2 + 40^1 = 33 + 33 + 252 + 401 & 719 &:= 1^4 + 4^2 + 15^0 + 25^1 + 26^2 = 14 + 42 + 150 + 251 + 262 \\
 719 &:= 3^4 + 5^4 + 12^1 + 51^0 = 34 + 54 + 121 + 510 & 719 &:= 1^4 + 5^2 + 16^1 + 23^0 + 26^2 = 14 + 52 + 161 + 230 + 262 \\
 719 &:= 4^4 + 10^2 + 18^2 + 39^1 = 44 + 102 + 182 + 391 & 719 &:= 1^4 + 8^1 + 15^2 + 22^2 + 25^0 = 14 + 81 + 152 + 222 + 250 \\
 719 &:= 4^4 + 13^2 + 16^2 + 38^1 = 44 + 132 + 162 + 381 & 719 &:= 1^4 + 9^2 + 11^1 + 25^0 + 25^2 = 14 + 92 + 111 + 250 + 252 \\
 719 &:= 1^2 + 12^2 + 15^2 + 18^2 + 25^1 = 12 + 122 + 152 + 182 + 251 & 719 &:= 1^5 + 3^0 + 14^1 + 26^2 + 27^1 = 15 + 30 + 141 + 262 + 271 \\
 719 &:= 1^2 + 2^4 + 17^0 + 25^1 + 26^2 = 12 + 24 + 170 + 251 + 262 & 719 &:= 1^5 + 3^0 + 15^1 + 26^1 + 26^2 = 15 + 30 + 151 + 261 + 262 \\
 719 &:= 1^2 + 4^4 + 20^1 + 21^2 + 25^0 = 12 + 44 + 201 + 212 + 250 & 719 &:= 1^5 + 3^0 + 16^1 + 25^1 + 26^2 = 15 + 30 + 161 + 251 + 262 \\
 719 &:= 1^2 + 9^2 + 13^2 + 21^2 + 27^1 = 12 + 92 + 132 + 212 + 271 & 719 &:= 1^5 + 3^0 + 17^1 + 24^1 + 26^2 = 15 + 30 + 171 + 241 + 262 \\
 719 &:= 1^3 + 10^1 + 18^2 + 19^2 + 23^1 = 13 + 101 + 182 + 192 + 231 & 719 &:= 1^5 + 3^0 + 18^1 + 23^1 + 26^2 = 15 + 30 + 181 + 231 + 262 \\
 719 &:= 1^3 + 10^2 + 16^2 + 19^2 + 25^0 = 13 + 102 + 162 + 192 + 250 & 719 &:= 1^5 + 3^0 + 19^1 + 22^1 + 26^2 = 15 + 30 + 191 + 221 + 262 \\
 719 &:= 1^3 + 11^1 + 18^2 + 19^2 + 22^1 = 13 + 111 + 182 + 192 + 221 & 719 &:= 1^5 + 3^0 + 20^1 + 21^1 + 26^2 = 15 + 30 + 201 + 211 + 262 \\
 719 &:= 1^3 + 11^2 + 14^2 + 20^2 + 25^0 = 13 + 112 + 142 + 202 + 250 & 719 &:= 1^8 + 2^8 + 20^1 + 21^2 + 26^0 = 18 + 28 + 201 + 212 + 260 \\
 719 &:= 1^3 + 12^1 + 18^2 + 19^2 + 21^1 = 13 + 121 + 182 + 192 + 211 & 719 &:= 11^2 + 11^2 + 13^2 + 17^2 + 19^1 = 112 + 112 + 132 + 172 + 191 \\
 719 &:= 1^3 + 13^1 + 18^2 + 19^2 + 20^1 = 13 + 131 + 182 + 192 + 201 & 719 &:= 2^2 + 11^2 + 13^2 + 20^2 + 25^1 = 22 + 112 + 132 + 202 + 251 \\
 719 &:= 1^3 + 14^1 + 18^2 + 19^1 + 19^2 = 13 + 141 + 182 + 191 + 192 & 719 &:= 2^2 + 2^4 + 19^0 + 22^1 + 26^2 = 22 + 24 + 190 + 221 + 262 \\
 719 &:= 1^3 + 15^1 + 18^1 + 18^2 + 19^2 = 13 + 151 + 181 + 182 + 192 & 719 &:= 2^2 + 4^4 + 17^1 + 21^2 + 27^0 = 22 + 44 + 171 + 212 + 270 \\
 719 &:= 1^3 + 16^1 + 17^1 + 18^2 + 19^2 = 13 + 161 + 171 + 182 + 192 & 719 &:= 2^2 + 8^2 + 15^2 + 20^2 + 26^1 = 22 + 82 + 152 + 202 + 261 \\
 719 &:= 1^3 + 3^3 + 14^1 + 26^2 + 27^0 = 13 + 33 + 141 + 262 + 270 & 719 &:= 2^3 + 10^1 + 10^2 + 24^2 + 25^1 = 23 + 101 + 102 + 242 + 251 \\
 719 &:= 1^3 + 5^3 + 16^1 + 24^2 + 25^0 = 13 + 53 + 161 + 242 + 250 & 719 &:= 2^3 + 10^2 + 11^1 + 24^1 + 24^2 = 23 + 102 + 111 + 241 + 242 \\
 719 &:= 1^3 + 6^1 + 18^2 + 19^2 + 27^1 = 13 + 61 + 182 + 192 + 271 & 719 &:= 2^3 + 10^2 + 12^1 + 23^1 + 24^2 = 23 + 102 + 121 + 231 + 242 \\
 719 &:= 1^3 + 6^3 + 17^1 + 22^2 + 25^0 = 13 + 63 + 171 + 222 + 250 & 719 &:= 2^3 + 10^2 + 13^1 + 22^1 + 24^2 = 23 + 102 + 131 + 221 + 242 \\
 719 &:= 1^3 + 7^1 + 18^2 + 19^2 + 26^1 = 13 + 71 + 182 + 192 + 261 & 719 &:= 2^3 + 10^2 + 13^2 + 21^2 + 25^0 = 23 + 102 + 132 + 212 + 250 \\
 719 &:= 1^3 + 8^1 + 18^2 + 19^2 + 25^1 = 13 + 81 + 182 + 192 + 251 & 719 &:= 2^3 + 10^2 + 14^1 + 21^1 + 24^2 = 23 + 102 + 141 + 211 + 242 \\
 719 &:= 1^3 + 8^2 + 13^2 + 22^2 + 27^0 = 13 + 82 + 132 + 222 + 270 & 719 &:= 2^3 + 10^2 + 15^1 + 20^1 + 24^2 = 23 + 102 + 151 + 201 + 242
 \end{aligned}$$

$$\begin{aligned} 719 &:= 2^3 + 10^2 + 16^1 + 19^1 + 24^2 = 23 + 102 + 161 + 191 + 242 & 719 &:= 2^5 + 15^0 + 17^0 + 18^2 + 19^2 = 25 + 150 + 170 + 182 + 192 \\ 719 &:= 2^3 + 10^2 + 17^1 + 18^1 + 24^2 = 23 + 102 + 171 + 181 + 242 & 719 &:= 2^5 + 16^0 + 16^0 + 18^2 + 19^2 = 25 + 160 + 160 + 182 + 192 \\ 719 &:= 2^3 + 14^2 + 15^2 + 17^2 + 23^0 = 23 + 142 + 152 + 172 + 230 & 719 &:= 2^5 + 3^2 + 13^0 + 26^2 + 27^0 = 25 + 32 + 130 + 262 + 270 \\ 719 &:= 2^3 + 2^3 + 15^0 + 26^1 + 26^2 = 23 + 23 + 150 + 261 + 262 & 719 &:= 2^5 + 3^2 + 14^0 + 26^0 + 26^2 = 25 + 32 + 140 + 260 + 262 \\ 719 &:= 2^3 + 4^3 + 19^0 + 21^1 + 25^2 = 23 + 43 + 190 + 211 + 252 & 719 &:= 2^5 + 3^2 + 15^0 + 25^0 + 26^2 = 25 + 32 + 150 + 250 + 262 \\ 719 &:= 2^3 + 5^2 + 18^2 + 19^2 + 27^0 = 23 + 52 + 182 + 192 + 270 & 719 &:= 2^5 + 3^2 + 16^0 + 24^0 + 26^2 = 25 + 32 + 160 + 240 + 262 \\ 719 &:= 2^3 + 7^2 + 10^1 + 25^2 + 27^1 = 23 + 72 + 101 + 252 + 271 & 719 &:= 2^5 + 3^2 + 17^0 + 23^0 + 26^2 = 25 + 32 + 170 + 230 + 262 \\ 719 &:= 2^3 + 7^2 + 11^1 + 25^2 + 26^1 = 23 + 72 + 111 + 252 + 261 & 719 &:= 2^5 + 3^2 + 18^0 + 22^0 + 26^2 = 25 + 32 + 180 + 220 + 262 \\ 719 &:= 2^3 + 7^2 + 12^1 + 25^1 + 25^2 = 23 + 72 + 121 + 251 + 252 & 719 &:= 2^5 + 3^2 + 19^0 + 21^0 + 26^2 = 25 + 32 + 190 + 210 + 262 \\ 719 &:= 2^3 + 7^2 + 13^1 + 24^1 + 25^2 = 23 + 72 + 131 + 241 + 252 & 719 &:= 2^5 + 3^2 + 20^0 + 20^0 + 26^2 = 25 + 32 + 200 + 200 + 262 \\ 719 &:= 2^3 + 7^2 + 14^1 + 23^1 + 25^2 = 23 + 72 + 141 + 231 + 252 & 719 &:= 2^5 + 5^0 + 18^2 + 19^2 + 27^0 = 25 + 50 + 182 + 192 + 270 \\ 719 &:= 2^3 + 7^2 + 15^1 + 22^1 + 25^2 = 23 + 72 + 151 + 221 + 252 & 719 &:= 2^5 + 6^0 + 18^2 + 19^2 + 26^0 = 25 + 60 + 182 + 192 + 260 \\ 719 &:= 2^3 + 7^2 + 16^1 + 21^1 + 25^2 = 23 + 72 + 161 + 211 + 252 & 719 &:= 2^5 + 7^0 + 18^2 + 19^2 + 25^0 = 25 + 70 + 182 + 192 + 250 \\ 719 &:= 2^3 + 7^2 + 17^1 + 20^1 + 25^2 = 23 + 72 + 171 + 201 + 252 & 719 &:= 2^5 + 8^0 + 18^2 + 19^2 + 24^0 = 25 + 80 + 182 + 192 + 240 \\ 719 &:= 2^3 + 7^2 + 18^1 + 19^1 + 25^2 = 23 + 72 + 181 + 191 + 252 & 719 &:= 2^5 + 9^0 + 18^2 + 19^2 + 23^0 = 25 + 90 + 182 + 192 + 230 \\ 719 &:= 2^3 + 8^1 + 10^2 + 24^2 + 27^1 = 23 + 81 + 102 + 242 + 271 & 719 &:= 3^2 + 10^2 + 10^2 + 22^2 + 26^1 = 32 + 102 + 102 + 222 + 261 \\ 719 &:= 2^3 + 9^1 + 10^2 + 24^2 + 26^1 = 23 + 91 + 102 + 242 + 261 & 719 &:= 3^2 + 10^2 + 12^2 + 21^2 + 25^1 = 32 + 102 + 122 + 212 + 251 \\ 719 &:= 2^3 + 9^2 + 10^2 + 23^2 + 27^0 = 23 + 92 + 102 + 232 + 270 & 719 &:= 3^2 + 10^2 + 15^2 + 19^2 + 24^1 = 32 + 102 + 152 + 192 + 241 \\ 719 &:= 2^4 + 11^0 + 14^2 + 22^1 + 22^2 = 24 + 110 + 142 + 221 + 222 & 719 &:= 3^2 + 6^2 + 18^2 + 18^2 + 26^1 = 32 + 62 + 182 + 182 + 261 \\ 719 &:= 2^4 + 13^1 + 17^2 + 19^0 + 20^2 = 24 + 131 + 172 + 190 + 202 & 719 &:= 3^2 + 7^3 + 16^1 + 18^2 + 27^1 = 32 + 73 + 161 + 182 + 271 \\ 719 &:= 2^4 + 15^0 + 17^1 + 18^2 + 19^2 = 24 + 150 + 171 + 182 + 192 & 719 &:= 3^2 + 7^3 + 17^1 + 18^2 + 26^1 = 32 + 73 + 171 + 182 + 261 \\ 719 &:= 2^4 + 3^2 + 17^1 + 23^0 + 26^2 = 24 + 32 + 171 + 230 + 262 & 719 &:= 3^2 + 7^3 + 18^1 + 18^2 + 25^1 = 32 + 73 + 181 + 182 + 251 \\ 719 &:= 2^4 + 5^1 + 16^2 + 21^2 + 27^0 = 24 + 51 + 162 + 212 + 270 & 719 &:= 3^2 + 7^3 + 18^2 + 19^1 + 24^1 = 32 + 73 + 182 + 191 + 241 \\ 719 &:= 2^4 + 5^3 + 13^0 + 24^2 + 27^0 = 24 + 53 + 130 + 242 + 270 & 719 &:= 3^2 + 7^3 + 18^2 + 20^1 + 23^1 = 32 + 73 + 182 + 201 + 231 \\ 719 &:= 2^4 + 5^3 + 14^0 + 24^2 + 26^0 = 24 + 53 + 140 + 242 + 260 & 719 &:= 3^2 + 7^3 + 18^2 + 21^1 + 22^1 = 32 + 73 + 182 + 211 + 221 \\ 719 &:= 2^4 + 5^3 + 15^0 + 24^2 + 25^0 = 24 + 53 + 150 + 242 + 250 & 719 &:= 3^3 + 5^2 + 15^2 + 21^2 + 27^0 = 33 + 52 + 152 + 212 + 270 \\ 719 &:= 2^4 + 5^3 + 16^0 + 24^0 + 24^2 = 24 + 53 + 160 + 240 + 242 & 719 &:= 3^3 + 7^3 + 18^2 + 19^0 + 24^1 = 33 + 73 + 182 + 190 + 241 \\ 719 &:= 2^4 + 5^3 + 17^0 + 23^0 + 24^2 = 24 + 53 + 170 + 230 + 242 & 719 &:= 3^3 + 8^1 + 9^2 + 24^2 + 27^1 = 33 + 81 + 92 + 242 + 271 \\ 719 &:= 2^4 + 5^3 + 18^0 + 22^0 + 24^2 = 24 + 53 + 180 + 220 + 242 & 719 &:= 3^3 + 9^1 + 9^2 + 24^2 + 26^1 = 33 + 91 + 92 + 242 + 261 \\ 719 &:= 2^4 + 5^3 + 19^0 + 21^0 + 24^2 = 24 + 53 + 190 + 210 + 242 & 719 &:= 3^3 + 9^2 + 10^1 + 24^2 + 25^1 = 33 + 92 + 101 + 242 + 251 \\ 719 &:= 2^4 + 5^3 + 20^0 + 20^0 + 24^2 = 24 + 53 + 200 + 200 + 242 & 719 &:= 3^3 + 9^2 + 11^1 + 24^1 + 24^2 = 33 + 92 + 111 + 241 + 242 \\ 719 &:= 2^4 + 8^2 + 13^1 + 23^0 + 25^2 = 24 + 82 + 131 + 230 + 252 & 719 &:= 3^3 + 9^2 + 12^1 + 23^1 + 24^2 = 33 + 92 + 121 + 231 + 242 \\ 719 &:= 2^4 + 9^0 + 10^2 + 24^2 + 26^1 = 24 + 90 + 102 + 242 + 261 & 719 &:= 3^3 + 9^2 + 13^1 + 22^1 + 24^2 = 33 + 92 + 131 + 221 + 242 \\ 719 &:= 2^5 + 10^0 + 18^2 + 19^2 + 22^0 = 25 + 100 + 182 + 192 + 220 & 719 &:= 3^3 + 9^2 + 13^2 + 21^2 + 25^0 = 33 + 92 + 132 + 212 + 250 \\ 719 &:= 2^5 + 11^0 + 18^2 + 19^2 + 21^0 = 25 + 110 + 182 + 192 + 210 & 719 &:= 3^3 + 9^2 + 14^1 + 21^1 + 24^2 = 33 + 92 + 141 + 211 + 242 \\ 719 &:= 2^5 + 12^0 + 18^2 + 19^2 + 20^0 = 25 + 120 + 182 + 192 + 200 & 719 &:= 3^3 + 9^2 + 15^1 + 20^1 + 24^2 = 33 + 92 + 151 + 201 + 242 \\ 719 &:= 2^5 + 13^0 + 18^2 + 19^0 + 19^2 = 25 + 130 + 182 + 190 + 192 & 719 &:= 3^3 + 9^2 + 16^1 + 19^1 + 24^2 = 33 + 92 + 161 + 191 + 242 \\ 719 &:= 2^5 + 14^0 + 18^0 + 18^2 + 19^2 = 25 + 140 + 180 + 182 + 192 & 719 &:= 3^3 + 9^2 + 17^1 + 18^1 + 24^2 = 33 + 92 + 171 + 181 + 242 \end{aligned}$$

$$\begin{aligned} 719 &:= 3^3 + 9^2 + 9^2 + 23^2 + 27^0 = 33 + 92 + 92 + 232 + 270 & 719 &:= 4^4 + 12^1 + 15^2 + 15^2 + 25^0 = 44 + 121 + 152 + 152 + 250 \\ 719 &:= 3^4 + 12^1 + 15^2 + 20^2 + 21^0 = 34 + 121 + 152 + 202 + 210 & 719 &:= 4^4 + 6^2 + 15^0 + 20^2 + 26^1 = 44 + 62 + 150 + 202 + 261 \\ 719 &:= 3^4 + 13^0 + 16^2 + 19^2 + 20^1 = 34 + 130 + 162 + 192 + 201 & 719 &:= 4^4 + 7^2 + 13^1 + 20^2 + 27^0 = 44 + 72 + 131 + 202 + 270 \\ 719 &:= 3^4 + 5^4 + 11^1 + 25^0 + 27^0 = 34 + 54 + 111 + 250 + 270 & 719 &:= 4^4 + 9^2 + 19^0 + 19^2 + 20^1 = 44 + 92 + 190 + 192 + 201 \\ 719 &:= 3^4 + 5^4 + 11^1 + 26^0 + 26^0 = 34 + 54 + 111 + 260 + 260 & 719 &:= 5^2 + 8^2 + 11^2 + 22^2 + 25^1 = 52 + 82 + 112 + 222 + 251 \\ 719 &:= 3^4 + 6^2 + 13^0 + 24^2 + 25^1 = 34 + 62 + 130 + 242 + 251 & 719 &:= 5^3 + 10^2 + 13^2 + 18^2 + 25^0 = 53 + 102 + 132 + 182 + 250 \\ 719 &:= 3^4 + 7^0 + 13^2 + 21^2 + 27^1 = 34 + 70 + 132 + 212 + 271 & 719 &:= 5^3 + 5^3 + 13^0 + 21^2 + 27^1 = 53 + 53 + 130 + 212 + 271 \\ 719 &:= 3^4 + 7^2 + 12^1 + 24^2 + 25^0 = 34 + 72 + 121 + 242 + 250 & 719 &:= 5^3 + 6^2 + 14^2 + 19^2 + 27^0 = 53 + 62 + 142 + 192 + 270 \\ 719 &:= 3^4 + 8^1 + 10^2 + 23^2 + 27^0 = 34 + 81 + 102 + 232 + 270 & 719 &:= 5^3 + 6^3 + 16^1 + 19^2 + 25^0 = 53 + 63 + 161 + 192 + 250 \\ 719 &:= 3^4 + 9^0 + 17^2 + 18^2 + 24^1 = 34 + 90 + 172 + 182 + 241 & 719 &:= 5^3 + 7^2 + 12^2 + 20^2 + 27^0 = 53 + 72 + 122 + 202 + 270 \\ 719 &:= 3^4 + 9^0 + 9^2 + 23^2 + 27^1 = 34 + 90 + 92 + 232 + 271 & 719 &:= 5^3 + 7^3 + 15^2 + 19^0 + 25^1 = 53 + 73 + 152 + 190 + 251 \\ 719 &:= 3^4 + 9^1 + 12^2 + 22^2 + 25^0 = 34 + 91 + 122 + 222 + 250 & 719 &:= 5^3 + 9^2 + 16^2 + 16^2 + 25^0 = 53 + 92 + 162 + 162 + 250 \\ 719 &:= 3^5 + 10^1 + 13^0 + 21^2 + 24^1 = 35 + 101 + 130 + 212 + 241 & 719 &:= 6^2 + 13^2 + 13^2 + 18^2 + 21^1 = 62 + 132 + 132 + 182 + 211 \\ 719 &:= 3^5 + 11^1 + 13^0 + 21^2 + 23^1 = 35 + 111 + 130 + 212 + 231 & 719 &:= 6^2 + 7^2 + 13^2 + 21^2 + 24^1 = 62 + 72 + 132 + 212 + 241 \\ 719 &:= 3^5 + 12^1 + 13^0 + 21^2 + 22^1 = 35 + 121 + 130 + 212 + 221 & 719 &:= 6^2 + 8^2 + 14^2 + 20^2 + 23^1 = 62 + 82 + 142 + 202 + 231 \\ 719 &:= 3^5 + 13^0 + 13^1 + 21^1 + 21^2 = 35 + 130 + 131 + 211 + 212 & 719 &:= 6^2 + 8^2 + 8^2 + 23^2 + 26^1 = 62 + 82 + 82 + 232 + 261 \\ 719 &:= 3^5 + 13^0 + 14^1 + 20^1 + 21^2 = 35 + 130 + 141 + 201 + 212 & 719 &:= 6^2 + 9^2 + 16^2 + 18^2 + 22^1 = 62 + 92 + 162 + 182 + 221 \\ 719 &:= 3^5 + 13^0 + 15^1 + 19^1 + 21^2 = 35 + 130 + 151 + 191 + 212 & 719 &:= 6^3 + 10^1 + 12^2 + 18^2 + 25^1 = 63 + 101 + 122 + 182 + 251 \\ 719 &:= 3^5 + 13^0 + 16^1 + 18^1 + 21^2 = 35 + 130 + 161 + 181 + 212 & 719 &:= 6^3 + 11^1 + 12^2 + 18^2 + 24^1 = 63 + 111 + 122 + 182 + 241 \\ 719 &:= 3^5 + 13^0 + 17^1 + 17^1 + 21^2 = 35 + 130 + 171 + 171 + 212 & 719 &:= 6^3 + 12^1 + 12^2 + 18^2 + 23^1 = 63 + 121 + 122 + 182 + 231 \\ 719 &:= 3^5 + 7^1 + 13^0 + 21^2 + 27^1 = 35 + 71 + 130 + 212 + 271 & 719 &:= 6^3 + 12^2 + 13^1 + 18^2 + 22^1 = 63 + 122 + 131 + 182 + 221 \\ 719 &:= 3^5 + 8^1 + 13^0 + 21^2 + 26^1 = 35 + 81 + 130 + 212 + 261 & 719 &:= 6^3 + 12^2 + 14^1 + 18^2 + 21^1 = 63 + 122 + 141 + 182 + 211 \\ 719 &:= 3^5 + 9^1 + 13^0 + 21^2 + 25^1 = 35 + 91 + 130 + 212 + 251 & 719 &:= 6^3 + 12^2 + 15^1 + 18^2 + 20^1 = 63 + 122 + 151 + 182 + 201 \\ 719 &:= 4^2 + 10^2 + 16^2 + 18^2 + 23^1 = 42 + 102 + 162 + 182 + 231 & 719 &:= 6^3 + 12^2 + 16^1 + 18^2 + 19^1 = 63 + 122 + 161 + 182 + 191 \\ 719 &:= 4^2 + 13^2 + 16^2 + 16^2 + 22^1 = 42 + 132 + 162 + 162 + 221 & 719 &:= 6^3 + 12^2 + 17^1 + 18^1 + 18^2 = 63 + 122 + 171 + 181 + 182 \\ 719 &:= 4^2 + 14^2 + 14^2 + 17^2 + 22^1 = 42 + 142 + 142 + 172 + 221 & 719 &:= 6^3 + 8^1 + 12^2 + 18^2 + 27^1 = 63 + 81 + 122 + 182 + 271 \\ 719 &:= 4^2 + 7^2 + 12^2 + 22^2 + 26^1 = 42 + 72 + 122 + 222 + 261 & 719 &:= 6^3 + 9^1 + 12^2 + 18^2 + 26^1 = 63 + 91 + 122 + 182 + 261 \\ 719 &:= 4^2 + 8^3 + 12^2 + 20^1 + 27^1 = 42 + 83 + 122 + 201 + 271 & 719 &:= 6^3 + 9^2 + 14^2 + 15^2 + 27^0 = 63 + 92 + 142 + 152 + 270 \\ 719 &:= 4^2 + 8^3 + 12^2 + 21^1 + 26^1 = 42 + 83 + 122 + 211 + 261 & 719 &:= 7^2 + 10^2 + 15^2 + 18^2 + 21^1 = 72 + 102 + 152 + 182 + 211 \\ 719 &:= 4^2 + 8^3 + 12^2 + 22^1 + 25^1 = 42 + 83 + 122 + 221 + 251 & 719 &:= 7^2 + 12^2 + 12^2 + 19^2 + 21^1 = 72 + 122 + 122 + 192 + 211 \\ 719 &:= 4^2 + 8^3 + 12^2 + 23^1 + 24^1 = 42 + 83 + 122 + 231 + 241 & 719 &:= 7^2 + 13^2 + 15^2 + 16^2 + 20^1 = 72 + 132 + 152 + 162 + 201 \\ 719 &:= 4^3 + 13^2 + 14^2 + 17^2 + 23^0 = 43 + 132 + 142 + 172 + 230 & 719 &:= 7^2 + 9^2 + 9^2 + 22^2 + 24^1 = 72 + 92 + 92 + 222 + 241 \\ 719 &:= 4^3 + 4^3 + 14^1 + 24^2 + 25^0 = 43 + 43 + 141 + 242 + 250 & 719 &:= 7^3 + 11^1 + 13^2 + 13^2 + 27^1 = 73 + 111 + 132 + 132 + 271 \\ 719 &:= 4^3 + 7^2 + 11^2 + 22^2 + 27^0 = 43 + 72 + 112 + 222 + 270 & 719 &:= 7^3 + 12^1 + 13^2 + 13^2 + 26^1 = 73 + 121 + 132 + 132 + 261 \\ 719 &:= 4^3 + 7^3 + 17^2 + 21^0 + 22^1 = 43 + 73 + 172 + 210 + 221 & 719 &:= 7^3 + 13^1 + 13^2 + 13^2 + 25^1 = 73 + 131 + 132 + 132 + 251 \\ 719 &:= 4^3 + 8^3 + 11^2 + 21^1 + 27^0 = 43 + 83 + 112 + 211 + 270 & 719 &:= 7^3 + 13^2 + 13^2 + 14^1 + 24^1 = 73 + 132 + 132 + 141 + 241 \\ 719 &:= 4^4 + 10^1 + 14^2 + 16^2 + 27^0 = 44 + 101 + 142 + 162 + 270 & 719 &:= 7^3 + 13^2 + 13^2 + 15^1 + 23^1 = 73 + 132 + 132 + 151 + 231 \\ 719 &:= 4^4 + 11^2 + 17^1 + 18^2 + 21^0 = 44 + 112 + 171 + 182 + 210 & 719 &:= 7^3 + 13^2 + 13^2 + 16^1 + 22^1 = 73 + 132 + 132 + 161 + 221 \end{aligned}$$

$719 := 7^3 + 13^2 + 13^2 + 17^1 + 21^1 = 73 + 132 + 132 + 171 + 211$	$719 := 7^3 + 9^2 + 16^2 + 19^1 + 20^1 = 73 + 92 + 162 + 191 + 201$
$719 := 7^3 + 13^2 + 13^2 + 18^1 + 20^1 = 73 + 132 + 132 + 181 + 201$	$719 := 8^2 + 11^2 + 15^2 + 17^2 + 20^1 = 82 + 112 + 152 + 172 + 201$
$719 := 7^3 + 13^2 + 13^2 + 19^1 + 19^1 = 73 + 132 + 132 + 191 + 191$	$719 := 8^2 + 8^2 + 13^2 + 20^2 + 22^1 = 82 + 82 + 132 + 202 + 221$
$719 := 7^3 + 9^2 + 12^1 + 16^2 + 27^1 = 73 + 92 + 121 + 162 + 271$	$719 := 8^3 + 9^2 + 9^2 + 18^1 + 27^1 = 83 + 92 + 92 + 181 + 271$
$719 := 7^3 + 9^2 + 13^1 + 16^2 + 26^1 = 73 + 92 + 131 + 162 + 261$	$719 := 8^3 + 9^2 + 9^2 + 19^1 + 26^1 = 83 + 92 + 92 + 191 + 261$
$719 := 7^3 + 9^2 + 14^1 + 16^2 + 25^1 = 73 + 92 + 141 + 162 + 251$	$719 := 8^3 + 9^2 + 9^2 + 20^1 + 25^1 = 83 + 92 + 92 + 201 + 251$
$719 := 7^3 + 9^2 + 15^1 + 16^2 + 24^1 = 73 + 92 + 151 + 162 + 241$	$719 := 8^3 + 9^2 + 9^2 + 21^1 + 24^1 = 83 + 92 + 92 + 211 + 241$
$719 := 7^3 + 9^2 + 16^1 + 16^2 + 23^1 = 73 + 92 + 161 + 162 + 231$	$719 := 8^3 + 9^2 + 9^2 + 22^1 + 23^1 = 83 + 92 + 92 + 221 + 231$
$719 := 7^3 + 9^2 + 16^2 + 17^1 + 22^1 = 73 + 92 + 162 + 171 + 221$	$719 := 9^2 + 13^2 + 15^2 + 15^2 + 19^1 = 92 + 132 + 152 + 152 + 191$
$719 := 7^3 + 9^2 + 16^2 + 18^1 + 21^1 = 73 + 92 + 162 + 181 + 211$	

2.2.621 Number 720

$720 := 1^7 + 2^0 + 26^2 + 42^1 = 17 + 20 + 262 + 421$	$720 := 1^6 + 2^0 + 21^1 + 21^1 + 26^2 = 16 + 20 + 211 + 211 + 262$
$720 := 1^8 + 1^9 + 26^2 + 42^1 = 18 + 19 + 262 + 421$	$720 := 1^7 + 1^9 + 15^1 + 26^2 + 27^1 = 17 + 19 + 151 + 262 + 271$
$720 := 2^0 + 2^5 + 5^4 + 62^1 = 20 + 25 + 54 + 621$	$720 := 1^7 + 1^9 + 16^1 + 26^1 + 26^2 = 17 + 19 + 161 + 261 + 262$
$720 := 2^6 + 2^9 + 3^4 + 63^1 = 26 + 29 + 34 + 631$	$720 := 1^7 + 1^9 + 17^1 + 25^1 + 26^2 = 17 + 19 + 171 + 251 + 262$
$720 := 2^7 + 15^1 + 24^2 + 30^0 = 27 + 151 + 242 + 300$	$720 := 1^7 + 1^9 + 18^1 + 24^1 + 26^2 = 17 + 19 + 181 + 241 + 262$
$720 := 1^3 + 2^4 + 16^0 + 26^1 + 26^2 = 13 + 24 + 160 + 261 + 262$	$720 := 1^7 + 1^9 + 19^1 + 23^1 + 26^2 = 17 + 19 + 191 + 231 + 262$
$720 := 1^3 + 4^4 + 21^1 + 21^2 + 24^0 = 13 + 44 + 211 + 212 + 240$	$720 := 1^7 + 1^9 + 20^1 + 22^1 + 26^2 = 17 + 19 + 201 + 221 + 262$
$720 := 1^4 + 13^2 + 15^2 + 18^2 + 24^0 = 14 + 132 + 152 + 182 + 240$	$720 := 1^7 + 1^9 + 21^1 + 21^1 + 26^2 = 17 + 19 + 211 + 211 + 262$
$720 := 1^4 + 3^3 + 15^1 + 26^0 + 26^2 = 14 + 33 + 151 + 260 + 262$	$720 := 1^8 + 1^8 + 15^1 + 26^2 + 27^1 = 18 + 18 + 151 + 262 + 271$
$720 := 1^4 + 5^3 + 17^1 + 24^0 + 24^2 = 14 + 53 + 171 + 240 + 242$	$720 := 1^8 + 1^8 + 16^1 + 26^1 + 26^2 = 18 + 18 + 161 + 261 + 262$
$720 := 1^4 + 6^3 + 18^1 + 22^2 + 24^0 = 14 + 63 + 181 + 222 + 240$	$720 := 1^8 + 1^8 + 17^1 + 25^1 + 26^2 = 18 + 18 + 171 + 251 + 262$
$720 := 1^4 + 9^2 + 14^2 + 21^2 + 26^0 = 14 + 92 + 142 + 212 + 260$	$720 := 1^8 + 1^8 + 18^1 + 24^1 + 26^2 = 18 + 18 + 181 + 241 + 262$
$720 := 1^5 + 11^2 + 14^0 + 21^1 + 24^2 = 15 + 112 + 140 + 211 + 242$	$720 := 1^8 + 1^8 + 19^1 + 23^1 + 26^2 = 18 + 18 + 191 + 231 + 262$
$720 := 1^5 + 12^0 + 16^2 + 21^1 + 21^2 = 15 + 120 + 162 + 211 + 212$	$720 := 1^8 + 1^8 + 20^1 + 22^1 + 26^2 = 18 + 18 + 201 + 221 + 262$
$720 := 1^5 + 13^2 + 14^0 + 20^1 + 23^2 = 15 + 132 + 140 + 201 + 232$	$720 := 1^8 + 1^8 + 21^1 + 21^1 + 26^2 = 18 + 18 + 211 + 211 + 262$
$720 := 1^5 + 4^2 + 14^0 + 26^1 + 26^2 = 15 + 42 + 140 + 261 + 262$	$720 := 1^9 + 2^8 + 21^1 + 21^2 + 25^0 = 19 + 28 + 211 + 212 + 250$
$720 := 1^5 + 5^2 + 17^1 + 22^0 + 26^2 = 15 + 52 + 171 + 220 + 262$	$720 := 2^3 + 2^4 + 19^1 + 22^0 + 26^2 = 23 + 24 + 191 + 220 + 262$
$720 := 1^5 + 9^1 + 15^2 + 22^2 + 24^0 = 15 + 91 + 152 + 222 + 240$	$720 := 2^4 + 4^3 + 14^1 + 25^2 + 26^0 = 24 + 43 + 141 + 252 + 260$
$720 := 1^5 + 9^2 + 12^1 + 24^0 + 25^2 = 15 + 92 + 121 + 240 + 252$	$720 := 2^4 + 8^3 + 13^2 + 22^1 + 26^0 = 24 + 83 + 132 + 221 + 260$
$720 := 1^6 + 2^0 + 15^1 + 26^2 + 27^1 = 16 + 20 + 151 + 262 + 271$	$720 := 2^5 + 10^2 + 11^1 + 24^0 + 24^2 = 25 + 102 + 111 + 240 + 242$
$720 := 1^6 + 2^0 + 16^1 + 26^1 + 26^2 = 16 + 20 + 161 + 261 + 262$	$720 := 2^5 + 12^0 + 15^2 + 21^1 + 21^2 = 25 + 120 + 152 + 211 + 212$
$720 := 1^6 + 2^0 + 17^1 + 25^1 + 26^2 = 16 + 20 + 171 + 251 + 262$	$720 := 2^5 + 12^2 + 14^1 + 20^0 + 23^2 = 25 + 122 + 141 + 200 + 232$
$720 := 1^6 + 2^0 + 18^1 + 24^1 + 26^2 = 16 + 20 + 181 + 241 + 262$	$720 := 2^5 + 6^2 + 12^0 + 25^2 + 26^1 = 25 + 62 + 120 + 252 + 261$
$720 := 1^6 + 2^0 + 19^1 + 23^1 + 26^2 = 16 + 20 + 191 + 231 + 262$	$720 := 2^5 + 7^1 + 14^2 + 22^2 + 26^0 = 25 + 71 + 142 + 222 + 260$
$720 := 1^6 + 2^0 + 20^1 + 22^1 + 26^2 = 16 + 20 + 201 + 221 + 262$	$720 := 2^5 + 7^2 + 13^1 + 24^0 + 25^2 = 25 + 72 + 131 + 240 + 252$

$$\begin{aligned}
 720 &:= 2^6 + 10^1 + 14^0 + 20^1 + 25^2 = 26 + 101 + 140 + 201 + 252 \\
 720 &:= 2^6 + 11^1 + 14^0 + 19^1 + 25^2 = 26 + 111 + 140 + 191 + 252 \\
 720 &:= 2^6 + 12^1 + 14^0 + 18^1 + 25^2 = 26 + 121 + 140 + 181 + 252 \\
 720 &:= 2^6 + 13^1 + 14^0 + 17^1 + 25^2 = 26 + 131 + 140 + 171 + 252 \\
 720 &:= 2^6 + 14^0 + 14^1 + 16^1 + 25^2 = 26 + 140 + 141 + 161 + 252 \\
 720 &:= 2^6 + 14^0 + 15^1 + 15^1 + 25^2 = 26 + 140 + 151 + 151 + 252 \\
 720 &:= 2^6 + 3^1 + 14^0 + 25^2 + 27^1 = 26 + 31 + 140 + 252 + 271 \\
 720 &:= 2^6 + 4^1 + 14^0 + 25^2 + 26^1 = 26 + 41 + 140 + 252 + 261 \\
 720 &:= 2^6 + 5^1 + 14^0 + 25^1 + 25^2 = 26 + 51 + 140 + 251 + 252 \\
 720 &:= 2^6 + 6^1 + 14^0 + 24^1 + 25^2 = 26 + 61 + 140 + 241 + 252 \\
 720 &:= 2^6 + 7^1 + 14^0 + 23^1 + 25^2 = 26 + 71 + 140 + 231 + 252 \\
 720 &:= 2^6 + 8^1 + 14^0 + 22^1 + 25^2 = 26 + 81 + 140 + 221 + 252 \\
 720 &:= 2^6 + 9^1 + 14^0 + 21^1 + 25^2 = 26 + 91 + 140 + 211 + 252 \\
 720 &:= 2^7 + 10^0 + 14^1 + 21^0 + 24^2 = 27 + 100 + 141 + 210 + 242 \\
 720 &:= 2^7 + 11^0 + 14^1 + 20^0 + 24^2 = 27 + 110 + 141 + 200 + 242 \\
 720 &:= 2^7 + 12^0 + 14^1 + 19^0 + 24^2 = 27 + 120 + 141 + 190 + 242 \\
 720 &:= 2^7 + 13^0 + 14^1 + 18^0 + 24^2 = 27 + 130 + 141 + 180 + 242 \\
 720 &:= 2^7 + 14^0 + 14^1 + 17^0 + 24^2 = 27 + 140 + 141 + 170 + 242 \\
 720 &:= 2^7 + 14^1 + 15^0 + 16^0 + 24^2 = 27 + 141 + 150 + 160 + 242
 \end{aligned}$$

$$\begin{aligned}
 720 &:= 2^7 + 4^0 + 14^1 + 24^2 + 27^0 = 27 + 40 + 141 + 242 + 270 \\
 720 &:= 2^7 + 5^0 + 14^1 + 24^2 + 26^0 = 27 + 50 + 141 + 242 + 260 \\
 720 &:= 2^7 + 6^0 + 14^1 + 24^2 + 25^0 = 27 + 60 + 141 + 242 + 250 \\
 720 &:= 2^7 + 7^0 + 14^1 + 24^0 + 24^2 = 27 + 70 + 141 + 240 + 242 \\
 720 &:= 2^7 + 8^0 + 14^1 + 23^0 + 24^2 = 27 + 80 + 141 + 230 + 242 \\
 720 &:= 2^7 + 9^0 + 14^1 + 22^0 + 24^2 = 27 + 90 + 141 + 220 + 242 \\
 720 &:= 3^2 + 3^5 + 18^0 + 21^2 + 26^1 = 32 + 35 + 180 + 212 + 261 \\
 720 &:= 3^4 + 6^3 + 20^0 + 20^2 + 22^1 = 34 + 63 + 200 + 202 + 221 \\
 720 &:= 3^4 + 8^3 + 10^2 + 24^0 + 26^1 = 34 + 83 + 102 + 240 + 261 \\
 720 &:= 3^4 + 9^2 + 14^2 + 19^2 + 26^0 = 34 + 92 + 142 + 192 + 260 \\
 720 &:= 3^5 + 10^2 + 15^1 + 19^2 + 24^0 = 35 + 102 + 151 + 192 + 240 \\
 720 &:= 3^5 + 12^0 + 15^2 + 15^2 + 26^1 = 35 + 120 + 152 + 152 + 261 \\
 720 &:= 3^5 + 13^2 + 17^2 + 18^1 + 20^0 = 35 + 132 + 172 + 181 + 200 \\
 720 &:= 3^5 + 14^0 + 14^2 + 16^2 + 24^1 = 35 + 140 + 142 + 162 + 241 \\
 720 &:= 3^5 + 4^2 + 19^1 + 21^2 + 24^0 = 35 + 42 + 191 + 212 + 240 \\
 720 &:= 3^5 + 7^2 + 14^0 + 20^2 + 27^1 = 35 + 72 + 140 + 202 + 271 \\
 720 &:= 4^4 + 6^3 + 15^2 + 22^1 + 24^0 = 44 + 63 + 152 + 221 + 240
 \end{aligned}$$

2.2.622 Number 721

$$\begin{aligned}
 721 &:= 1^8 + 26^2 + 44^1 = 18 + 262 + 441 \\
 721 &:= 1^0 + 1^8 + 26^2 + 43^1 = 10 + 18 + 262 + 431 \\
 721 &:= 1^1 + 1^7 + 26^2 + 43^1 = 11 + 17 + 262 + 431 \\
 721 &:= 1^1 + 2^5 + 5^4 + 63^1 = 11 + 25 + 54 + 631 \\
 721 &:= 1^2 + 1^6 + 26^2 + 43^1 = 12 + 16 + 262 + 431 \\
 721 &:= 1^3 + 1^5 + 26^2 + 43^1 = 13 + 15 + 262 + 431 \\
 721 &:= 1^4 + 1^4 + 26^2 + 43^1 = 14 + 14 + 262 + 431 \\
 721 &:= 1^4 + 5^4 + 6^2 + 59^1 = 14 + 54 + 62 + 591 \\
 721 &:= 1^7 + 10^1 + 26^2 + 34^1 = 17 + 101 + 262 + 341 \\
 721 &:= 1^7 + 11^1 + 26^2 + 33^1 = 17 + 111 + 262 + 331 \\
 721 &:= 1^7 + 12^1 + 26^2 + 32^1 = 17 + 121 + 262 + 321 \\
 721 &:= 1^7 + 13^1 + 26^2 + 31^1 = 17 + 131 + 262 + 311 \\
 721 &:= 1^7 + 14^1 + 26^2 + 30^1 = 17 + 141 + 262 + 301 \\
 721 &:= 1^7 + 15^1 + 26^2 + 29^1 = 17 + 151 + 262 + 291 \\
 721 &:= 1^7 + 16^1 + 26^2 + 28^1 = 17 + 161 + 262 + 281 \\
 721 &:= 1^7 + 17^1 + 26^2 + 27^1 = 17 + 171 + 262 + 271 \\
 721 &:= 1^7 + 18^1 + 26^1 + 26^2 = 17 + 181 + 261 + 262
 \end{aligned}$$

$$\begin{aligned}
 721 &:= 1^7 + 19^1 + 25^1 + 26^2 = 17 + 191 + 251 + 262 \\
 721 &:= 1^7 + 2^1 + 26^2 + 42^1 = 17 + 21 + 262 + 421 \\
 721 &:= 1^7 + 20^1 + 24^1 + 26^2 = 17 + 201 + 241 + 262 \\
 721 &:= 1^7 + 21^1 + 23^1 + 26^2 = 17 + 211 + 231 + 262 \\
 721 &:= 1^7 + 22^1 + 22^1 + 26^2 = 17 + 221 + 221 + 262 \\
 721 &:= 1^7 + 3^1 + 26^2 + 41^1 = 17 + 31 + 262 + 411 \\
 721 &:= 1^7 + 4^1 + 26^2 + 40^1 = 17 + 41 + 262 + 401 \\
 721 &:= 1^7 + 5^1 + 26^2 + 39^1 = 17 + 51 + 262 + 391 \\
 721 &:= 1^7 + 6^1 + 26^2 + 38^1 = 17 + 61 + 262 + 381 \\
 721 &:= 1^7 + 7^1 + 26^2 + 37^1 = 17 + 71 + 262 + 371 \\
 721 &:= 1^7 + 8^1 + 26^2 + 36^1 = 17 + 81 + 262 + 361 \\
 721 &:= 1^7 + 9^1 + 26^2 + 35^1 = 17 + 91 + 262 + 351 \\
 721 &:= 2^1 + 2^5 + 5^4 + 62^1 = 21 + 25 + 54 + 621 \\
 721 &:= 2^3 + 3^3 + 5^4 + 61^1 = 23 + 33 + 54 + 611 \\
 721 &:= 2^5 + 3^1 + 5^4 + 61^1 = 25 + 31 + 54 + 611 \\
 721 &:= 2^5 + 4^1 + 5^4 + 60^1 = 25 + 41 + 54 + 601 \\
 721 &:= 2^5 + 5^1 + 5^4 + 59^1 = 25 + 51 + 54 + 591
 \end{aligned}$$

$$\begin{aligned}
 721 &:= 2^5 + 5^4 + 10^1 + 54^1 &= 25 + 54 + 101 + 541 & 721 &:= 1^1 + 1^6 + 16^1 + 26^2 + 27^1 &= 11 + 16 + 161 + 262 + 271 \\
 721 &:= 2^5 + 5^4 + 11^1 + 53^1 &= 25 + 54 + 111 + 531 & 721 &:= 1^1 + 1^6 + 17^1 + 26^1 + 26^2 &= 11 + 16 + 171 + 261 + 262 \\
 721 &:= 2^5 + 5^4 + 12^1 + 52^1 &= 25 + 54 + 121 + 521 & 721 &:= 1^1 + 1^6 + 18^1 + 25^1 + 26^2 &= 11 + 16 + 181 + 251 + 262 \\
 721 &:= 2^5 + 5^4 + 13^1 + 51^1 &= 25 + 54 + 131 + 511 & 721 &:= 1^1 + 1^6 + 19^1 + 24^1 + 26^2 &= 11 + 16 + 191 + 241 + 262 \\
 721 &:= 2^5 + 5^4 + 14^1 + 50^1 &= 25 + 54 + 141 + 501 & 721 &:= 1^1 + 1^6 + 20^1 + 23^1 + 26^2 &= 11 + 16 + 201 + 231 + 262 \\
 721 &:= 2^5 + 5^4 + 15^1 + 49^1 &= 25 + 54 + 151 + 491 & 721 &:= 1^1 + 1^6 + 21^1 + 22^1 + 26^2 &= 11 + 16 + 211 + 221 + 262 \\
 721 &:= 2^5 + 5^4 + 16^1 + 48^1 &= 25 + 54 + 161 + 481 & 721 &:= 1^2 + 1^5 + 16^1 + 26^2 + 27^1 &= 12 + 15 + 161 + 262 + 271 \\
 721 &:= 2^5 + 5^4 + 17^1 + 47^1 &= 25 + 54 + 171 + 471 & 721 &:= 1^2 + 1^5 + 17^1 + 26^1 + 26^2 &= 12 + 15 + 171 + 261 + 262 \\
 721 &:= 2^5 + 5^4 + 18^1 + 46^1 &= 25 + 54 + 181 + 461 & 721 &:= 1^2 + 1^5 + 18^1 + 25^1 + 26^2 &= 12 + 15 + 181 + 251 + 262 \\
 721 &:= 2^5 + 5^4 + 19^1 + 45^1 &= 25 + 54 + 191 + 451 & 721 &:= 1^2 + 1^5 + 19^1 + 24^1 + 26^2 &= 12 + 15 + 191 + 241 + 262 \\
 721 &:= 2^5 + 5^4 + 20^1 + 44^1 &= 25 + 54 + 201 + 441 & 721 &:= 1^2 + 1^5 + 20^1 + 23^1 + 26^2 &= 12 + 15 + 201 + 231 + 262 \\
 721 &:= 2^5 + 5^4 + 21^1 + 43^1 &= 25 + 54 + 211 + 431 & 721 &:= 1^2 + 1^5 + 21^1 + 22^1 + 26^2 &= 12 + 15 + 211 + 221 + 262 \\
 721 &:= 2^5 + 5^4 + 22^1 + 42^1 &= 25 + 54 + 221 + 421 & 721 &:= 1^3 + 1^4 + 16^1 + 26^2 + 27^1 &= 13 + 14 + 161 + 262 + 271 \\
 721 &:= 2^5 + 5^4 + 23^1 + 41^1 &= 25 + 54 + 231 + 411 & 721 &:= 1^3 + 1^4 + 17^1 + 26^1 + 26^2 &= 13 + 14 + 171 + 261 + 262 \\
 721 &:= 2^5 + 5^4 + 24^1 + 40^1 &= 25 + 54 + 241 + 401 & 721 &:= 1^3 + 1^4 + 18^1 + 25^1 + 26^2 &= 13 + 14 + 181 + 251 + 262 \\
 721 &:= 2^5 + 5^4 + 25^1 + 39^1 &= 25 + 54 + 251 + 391 & 721 &:= 1^3 + 1^4 + 19^1 + 24^1 + 26^2 &= 13 + 14 + 191 + 241 + 262 \\
 721 &:= 2^5 + 5^4 + 26^1 + 38^1 &= 25 + 54 + 261 + 381 & 721 &:= 1^3 + 1^4 + 20^1 + 23^1 + 26^2 &= 13 + 14 + 201 + 231 + 262 \\
 721 &:= 2^5 + 5^4 + 27^1 + 37^1 &= 25 + 54 + 271 + 371 & 721 &:= 1^3 + 1^4 + 21^1 + 22^1 + 26^2 &= 13 + 14 + 211 + 221 + 262 \\
 721 &:= 2^5 + 5^4 + 28^1 + 36^1 &= 25 + 54 + 281 + 361 & 721 &:= 1^4 + 2^4 + 15^0 + 26^2 + 27^1 &= 14 + 24 + 150 + 262 + 271 \\
 721 &:= 2^5 + 5^4 + 29^1 + 35^1 &= 25 + 54 + 291 + 351 & 721 &:= 1^4 + 4^4 + 21^2 + 22^1 + 23^0 &= 14 + 44 + 212 + 221 + 230 \\
 721 &:= 2^5 + 5^4 + 30^1 + 34^1 &= 25 + 54 + 301 + 341 & 721 &:= 1^4 + 9^2 + 17^2 + 18^2 + 26^1 &= 14 + 92 + 172 + 182 + 261 \\
 721 &:= 2^5 + 5^4 + 31^1 + 33^1 &= 25 + 54 + 311 + 331 & 721 &:= 1^5 + 3^3 + 16^1 + 25^0 + 26^2 &= 15 + 33 + 161 + 250 + 262 \\
 721 &:= 2^5 + 5^4 + 32^1 + 32^1 &= 25 + 54 + 321 + 321 & 721 &:= 1^5 + 5^3 + 18^1 + 23^0 + 24^2 &= 15 + 53 + 181 + 230 + 242 \\
 721 &:= 2^5 + 5^4 + 6^1 + 58^1 &= 25 + 54 + 61 + 581 & 721 &:= 1^5 + 6^3 + 19^1 + 22^2 + 23^0 &= 15 + 63 + 191 + 222 + 230 \\
 721 &:= 2^5 + 5^4 + 7^1 + 57^1 &= 25 + 54 + 71 + 571 & 721 &:= 1^6 + 10^1 + 10^1 + 24^1 + 26^2 &= 16 + 101 + 101 + 241 + 262 \\
 721 &:= 2^5 + 5^4 + 8^1 + 56^1 &= 25 + 54 + 81 + 561 & 721 &:= 1^6 + 10^1 + 11^1 + 23^1 + 26^2 &= 16 + 101 + 111 + 231 + 262 \\
 721 &:= 2^5 + 5^4 + 9^1 + 55^1 &= 25 + 54 + 91 + 551 & 721 &:= 1^6 + 10^1 + 12^1 + 22^1 + 26^2 &= 16 + 101 + 121 + 221 + 262 \\
 721 &:= 2^6 + 5^4 + 31^1 + 33^0 &= 26 + 54 + 311 + 330 & 721 &:= 1^6 + 10^1 + 13^1 + 21^1 + 26^2 &= 16 + 101 + 131 + 211 + 262 \\
 721 &:= 2^6 + 8^3 + 12^2 + 49^0 &= 26 + 83 + 122 + 490 & 721 &:= 1^6 + 10^1 + 14^1 + 20^1 + 26^2 &= 16 + 101 + 141 + 201 + 262 \\
 721 &:= 2^7 + 4^2 + 24^2 + 41^0 &= 27 + 42 + 242 + 410 & 721 &:= 1^6 + 10^1 + 15^1 + 19^1 + 26^2 &= 16 + 101 + 151 + 191 + 262 \\
 721 &:= 2^8 + 21^2 + 23^1 + 25^0 &= 28 + 212 + 231 + 250 & 721 &:= 1^6 + 10^1 + 15^2 + 22^2 + 23^0 &= 16 + 101 + 152 + 222 + 230 \\
 721 &:= 1^0 + 1^7 + 16^1 + 26^2 + 27^1 &= 10 + 17 + 161 + 262 + 271 & 721 &:= 1^6 + 10^1 + 16^1 + 18^1 + 26^2 &= 16 + 101 + 161 + 181 + 262 \\
 721 &:= 1^0 + 1^7 + 17^1 + 26^1 + 26^2 &= 10 + 17 + 171 + 261 + 262 & 721 &:= 1^6 + 10^1 + 17^1 + 17^1 + 26^2 &= 16 + 101 + 171 + 171 + 262 \\
 721 &:= 1^0 + 1^7 + 18^1 + 25^1 + 26^2 &= 10 + 17 + 181 + 251 + 262 & 721 &:= 1^6 + 11^0 + 16^2 + 21^2 + 22^1 &= 16 + 110 + 162 + 212 + 221 \\
 721 &:= 1^0 + 1^7 + 19^1 + 24^1 + 26^2 &= 10 + 17 + 191 + 241 + 262 & 721 &:= 1^6 + 11^1 + 11^1 + 22^1 + 26^2 &= 16 + 111 + 111 + 221 + 262 \\
 721 &:= 1^0 + 1^7 + 20^1 + 23^1 + 26^2 &= 10 + 17 + 201 + 231 + 262 & 721 &:= 1^6 + 11^1 + 12^1 + 21^1 + 26^2 &= 16 + 111 + 121 + 211 + 262 \\
 721 &:= 1^0 + 1^7 + 21^1 + 22^1 + 26^2 &= 10 + 17 + 211 + 221 + 262 & 721 &:= 1^6 + 11^1 + 13^1 + 20^1 + 26^2 &= 16 + 111 + 131 + 201 + 262 \\
 721 &:= 1^0 + 2^8 + 21^2 + 22^1 + 25^0 &= 10 + 28 + 212 + 221 + 250 & 721 &:= 1^6 + 11^1 + 14^1 + 19^1 + 26^2 &= 16 + 111 + 141 + 191 + 262
 \end{aligned}$$

$$\begin{aligned} 721 &:= 1^6 + 11^1 + 15^1 + 18^1 + 26^2 = 16 + 111 + 151 + 181 + 262 \\ 721 &:= 1^6 + 11^1 + 16^1 + 17^1 + 26^2 = 16 + 111 + 161 + 171 + 262 \\ 721 &:= 1^6 + 11^2 + 13^0 + 22^1 + 24^2 = 16 + 112 + 130 + 221 + 242 \\ 721 &:= 1^6 + 12^1 + 12^1 + 20^1 + 26^2 = 16 + 121 + 121 + 201 + 262 \\ 721 &:= 1^6 + 12^1 + 13^1 + 19^1 + 26^2 = 16 + 121 + 131 + 191 + 262 \\ 721 &:= 1^6 + 12^1 + 14^1 + 18^1 + 26^2 = 16 + 121 + 141 + 181 + 262 \\ 721 &:= 1^6 + 12^1 + 15^1 + 17^1 + 26^2 = 16 + 121 + 151 + 171 + 262 \\ 721 &:= 1^6 + 12^1 + 16^1 + 16^1 + 26^2 = 16 + 121 + 161 + 161 + 262 \\ 721 &:= 1^6 + 13^0 + 13^2 + 21^1 + 23^2 = 16 + 130 + 132 + 211 + 232 \\ 721 &:= 1^6 + 13^1 + 13^1 + 18^1 + 26^2 = 16 + 131 + 131 + 181 + 262 \\ 721 &:= 1^6 + 13^1 + 14^1 + 17^1 + 26^2 = 16 + 131 + 141 + 171 + 262 \\ 721 &:= 1^6 + 13^1 + 15^1 + 16^1 + 26^2 = 16 + 131 + 151 + 161 + 262 \\ 721 &:= 1^6 + 14^1 + 14^1 + 16^1 + 26^2 = 16 + 141 + 141 + 161 + 262 \\ 721 &:= 1^6 + 14^1 + 15^1 + 15^1 + 26^2 = 16 + 141 + 151 + 151 + 262 \\ 721 &:= 1^6 + 2^1 + 15^1 + 26^2 + 27^1 = 16 + 21 + 151 + 262 + 271 \\ 721 &:= 1^6 + 2^1 + 16^1 + 26^1 + 26^2 = 16 + 21 + 161 + 261 + 262 \\ 721 &:= 1^6 + 2^1 + 17^1 + 25^1 + 26^2 = 16 + 21 + 171 + 251 + 262 \\ 721 &:= 1^6 + 2^1 + 18^1 + 24^1 + 26^2 = 16 + 21 + 181 + 241 + 262 \\ 721 &:= 1^6 + 2^1 + 19^1 + 23^1 + 26^2 = 16 + 21 + 191 + 231 + 262 \\ 721 &:= 1^6 + 2^1 + 20^1 + 22^1 + 26^2 = 16 + 21 + 201 + 221 + 262 \\ 721 &:= 1^6 + 2^1 + 21^1 + 21^1 + 26^2 = 16 + 21 + 211 + 211 + 262 \\ 721 &:= 1^6 + 3^1 + 14^1 + 26^2 + 27^1 = 16 + 31 + 141 + 262 + 271 \\ 721 &:= 1^6 + 3^1 + 15^1 + 26^1 + 26^2 = 16 + 31 + 151 + 261 + 262 \\ 721 &:= 1^6 + 3^1 + 16^1 + 25^1 + 26^2 = 16 + 31 + 161 + 251 + 262 \\ 721 &:= 1^6 + 3^1 + 17^1 + 24^1 + 26^2 = 16 + 31 + 171 + 241 + 262 \\ 721 &:= 1^6 + 3^1 + 18^1 + 23^1 + 26^2 = 16 + 31 + 181 + 231 + 262 \\ 721 &:= 1^6 + 3^1 + 19^1 + 22^1 + 26^2 = 16 + 31 + 191 + 221 + 262 \\ 721 &:= 1^6 + 3^1 + 20^1 + 21^1 + 26^2 = 16 + 31 + 201 + 211 + 262 \\ 721 &:= 1^6 + 4^1 + 13^1 + 26^2 + 27^1 = 16 + 41 + 131 + 262 + 271 \\ 721 &:= 1^6 + 4^1 + 14^1 + 26^1 + 26^2 = 16 + 41 + 141 + 261 + 262 \\ 721 &:= 1^6 + 4^1 + 15^1 + 25^1 + 26^2 = 16 + 41 + 151 + 251 + 262 \\ 721 &:= 1^6 + 4^1 + 16^1 + 24^1 + 26^2 = 16 + 41 + 161 + 241 + 262 \\ 721 &:= 1^6 + 4^1 + 17^1 + 23^1 + 26^2 = 16 + 41 + 171 + 231 + 262 \\ 721 &:= 1^6 + 4^1 + 18^1 + 22^1 + 26^2 = 16 + 41 + 181 + 221 + 262 \\ 721 &:= 1^6 + 4^1 + 19^1 + 21^1 + 26^2 = 16 + 41 + 191 + 211 + 262 \\ 721 &:= 1^6 + 4^1 + 20^1 + 20^1 + 26^2 = 16 + 41 + 201 + 201 + 262 \\ 721 &:= 1^6 + 4^2 + 13^0 + 26^2 + 27^1 = 16 + 42 + 130 + 262 + 271 \\ 721 &:= 1^6 + 5^1 + 12^1 + 26^2 + 27^1 = 16 + 51 + 121 + 262 + 271 \\ 721 &:= 1^6 + 5^1 + 13^1 + 26^1 + 26^2 = 16 + 51 + 131 + 261 + 262 \\ 721 &:= 1^6 + 5^1 + 14^1 + 25^1 + 26^2 = 16 + 51 + 141 + 251 + 262 \\ 721 &:= 1^6 + 5^1 + 15^1 + 24^1 + 26^2 = 16 + 51 + 151 + 241 + 262 \\ 721 &:= 1^6 + 5^1 + 16^1 + 23^1 + 26^2 = 16 + 51 + 161 + 231 + 262 \\ 721 &:= 1^6 + 5^1 + 17^1 + 22^1 + 26^2 = 16 + 51 + 171 + 221 + 262 \\ 721 &:= 1^6 + 5^1 + 18^1 + 21^1 + 26^2 = 16 + 51 + 181 + 211 + 262 \\ 721 &:= 1^6 + 5^1 + 19^1 + 20^1 + 26^2 = 16 + 51 + 191 + 201 + 262 \\ 721 &:= 1^6 + 5^2 + 18^1 + 21^0 + 26^2 = 16 + 52 + 181 + 210 + 262 \\ 721 &:= 1^6 + 6^1 + 11^1 + 26^2 + 27^1 = 16 + 61 + 111 + 262 + 271 \\ 721 &:= 1^6 + 6^1 + 12^1 + 26^1 + 26^2 = 16 + 61 + 121 + 261 + 262 \\ 721 &:= 1^6 + 6^1 + 13^1 + 25^1 + 26^2 = 16 + 61 + 131 + 251 + 262 \\ 721 &:= 1^6 + 6^1 + 14^1 + 24^1 + 26^2 = 16 + 61 + 141 + 241 + 262 \\ 721 &:= 1^6 + 6^1 + 15^1 + 23^1 + 26^2 = 16 + 61 + 151 + 231 + 262 \\ 721 &:= 1^6 + 6^1 + 16^1 + 22^1 + 26^2 = 16 + 61 + 161 + 221 + 262 \\ 721 &:= 1^6 + 6^1 + 17^1 + 21^1 + 26^2 = 16 + 61 + 171 + 211 + 262 \\ 721 &:= 1^6 + 6^1 + 18^1 + 20^1 + 26^2 = 16 + 61 + 181 + 201 + 262 \\ 721 &:= 1^6 + 6^1 + 19^1 + 19^1 + 26^2 = 16 + 61 + 191 + 191 + 262 \\ 721 &:= 1^6 + 7^1 + 10^1 + 26^2 + 27^1 = 16 + 71 + 101 + 262 + 271 \\ 721 &:= 1^6 + 7^1 + 11^1 + 26^1 + 26^2 = 16 + 71 + 111 + 261 + 262 \\ 721 &:= 1^6 + 7^1 + 12^1 + 25^1 + 26^2 = 16 + 71 + 121 + 251 + 262 \\ 721 &:= 1^6 + 7^1 + 13^1 + 24^1 + 26^2 = 16 + 71 + 131 + 241 + 262 \\ 721 &:= 1^6 + 7^1 + 14^1 + 23^1 + 26^2 = 16 + 71 + 141 + 231 + 262 \\ 721 &:= 1^6 + 7^1 + 15^1 + 22^1 + 26^2 = 16 + 71 + 151 + 221 + 262 \\ 721 &:= 1^6 + 7^1 + 16^1 + 21^1 + 26^2 = 16 + 71 + 161 + 211 + 262 \\ 721 &:= 1^6 + 7^1 + 17^1 + 20^1 + 26^2 = 16 + 71 + 171 + 201 + 262 \\ 721 &:= 1^6 + 7^1 + 18^1 + 19^1 + 26^2 = 16 + 71 + 181 + 191 + 262 \\ 721 &:= 1^6 + 8^1 + 10^1 + 26^1 + 26^2 = 16 + 81 + 101 + 261 + 262 \\ 721 &:= 1^6 + 8^1 + 11^1 + 25^1 + 26^2 = 16 + 81 + 111 + 251 + 262 \\ 721 &:= 1^6 + 8^1 + 12^1 + 24^1 + 26^2 = 16 + 81 + 121 + 241 + 262 \\ 721 &:= 1^6 + 8^1 + 13^1 + 23^1 + 26^2 = 16 + 81 + 131 + 231 + 262 \\ 721 &:= 1^6 + 8^1 + 14^1 + 22^1 + 26^2 = 16 + 81 + 141 + 221 + 262 \\ 721 &:= 1^6 + 8^1 + 15^1 + 21^1 + 26^2 = 16 + 81 + 151 + 211 + 262 \\ 721 &:= 1^6 + 8^1 + 16^1 + 20^1 + 26^2 = 16 + 81 + 161 + 201 + 262 \\ 721 &:= 1^6 + 8^1 + 17^1 + 19^1 + 26^2 = 16 + 81 + 171 + 191 + 262 \\ 721 &:= 1^6 + 8^1 + 18^1 + 18^1 + 26^2 = 16 + 81 + 181 + 181 + 262 \\ 721 &:= 1^6 + 8^1 + 9^1 + 26^2 + 27^1 = 16 + 81 + 91 + 262 + 271 \\ 721 &:= 1^6 + 9^1 + 10^1 + 25^1 + 26^2 = 16 + 91 + 101 + 251 + 262 \\ 721 &:= 1^6 + 9^1 + 11^1 + 24^1 + 26^2 = 16 + 91 + 111 + 241 + 262 \end{aligned}$$

$$\begin{aligned} 721 &:= 1^6 + 9^1 + 12^1 + 23^1 + 26^2 = 16 + 91 + 121 + 231 + 262 \\ 721 &:= 1^6 + 9^1 + 13^1 + 22^1 + 26^2 = 16 + 91 + 131 + 221 + 262 \\ 721 &:= 1^6 + 9^1 + 14^1 + 21^1 + 26^2 = 16 + 91 + 141 + 211 + 262 \\ 721 &:= 1^6 + 9^1 + 15^1 + 20^1 + 26^2 = 16 + 91 + 151 + 201 + 262 \\ 721 &:= 1^6 + 9^1 + 16^1 + 19^1 + 26^2 = 16 + 91 + 161 + 191 + 262 \\ 721 &:= 1^6 + 9^1 + 17^1 + 18^1 + 26^2 = 16 + 91 + 171 + 181 + 262 \\ 721 &:= 1^6 + 9^1 + 9^1 + 26^1 + 26^2 = 16 + 91 + 91 + 261 + 262 \\ 721 &:= 1^6 + 9^2 + 13^1 + 23^0 + 25^2 = 16 + 92 + 131 + 230 + 252 \\ 721 &:= 2^0 + 2^8 + 21^2 + 22^1 + 24^0 = 20 + 28 + 212 + 221 + 240 \\ 721 &:= 2^2 + 2^6 + 15^0 + 25^2 + 27^1 = 22 + 26 + 150 + 252 + 271 \\ 721 &:= 2^4 + 10^2 + 16^2 + 18^2 + 25^1 = 24 + 102 + 162 + 182 + 251 \\ 721 &:= 2^4 + 13^2 + 16^2 + 16^2 + 24^1 = 24 + 132 + 162 + 162 + 241 \\ 721 &:= 2^4 + 14^2 + 14^2 + 17^2 + 24^1 = 24 + 142 + 142 + 172 + 241 \\ 721 &:= 2^4 + 8^3 + 12^2 + 22^1 + 27^1 = 24 + 83 + 122 + 221 + 271 \\ 721 &:= 2^4 + 8^3 + 12^2 + 23^1 + 26^1 = 24 + 83 + 122 + 231 + 261 \\ 721 &:= 2^4 + 8^3 + 12^2 + 24^1 + 25^1 = 24 + 83 + 122 + 241 + 251 \\ 721 &:= 2^5 + 10^1 + 16^2 + 20^2 + 23^1 = 25 + 101 + 162 + 202 + 231 \\ 721 &:= 2^5 + 11^1 + 16^2 + 20^2 + 22^1 = 25 + 111 + 162 + 202 + 221 \\ 721 &:= 2^5 + 12^1 + 16^2 + 20^2 + 21^1 = 25 + 121 + 162 + 202 + 211 \\ 721 &:= 2^5 + 12^2 + 12^2 + 20^2 + 25^0 = 25 + 122 + 122 + 202 + 250 \\ 721 &:= 2^5 + 13^1 + 16^2 + 20^1 + 20^2 = 25 + 131 + 162 + 201 + 202 \\ 721 &:= 2^5 + 14^1 + 16^2 + 19^1 + 20^2 = 25 + 141 + 162 + 191 + 202 \\ 721 &:= 2^5 + 15^1 + 16^2 + 18^1 + 20^2 = 25 + 151 + 162 + 181 + 202 \\ 721 &:= 2^5 + 16^1 + 16^2 + 17^1 + 20^2 = 25 + 161 + 162 + 171 + 202 \\ 721 &:= 2^5 + 5^2 + 12^1 + 25^2 + 27^1 = 25 + 52 + 121 + 252 + 271 \\ 721 &:= 2^5 + 5^2 + 13^1 + 25^2 + 26^1 = 25 + 52 + 131 + 252 + 261 \\ 721 &:= 2^5 + 5^2 + 14^1 + 25^1 + 25^2 = 25 + 52 + 141 + 251 + 252 \\ 721 &:= 2^5 + 5^2 + 15^1 + 24^1 + 25^2 = 25 + 52 + 151 + 241 + 252 \\ 721 &:= 2^5 + 5^2 + 16^1 + 23^1 + 25^2 = 25 + 52 + 161 + 231 + 252 \\ 721 &:= 2^5 + 5^2 + 17^1 + 22^1 + 25^2 = 25 + 52 + 171 + 221 + 252 \\ 721 &:= 2^5 + 5^2 + 18^1 + 21^1 + 25^2 = 25 + 52 + 181 + 211 + 252 \\ 721 &:= 2^5 + 5^2 + 19^1 + 20^1 + 25^2 = 25 + 52 + 191 + 201 + 252 \\ 721 &:= 2^5 + 6^1 + 16^2 + 20^2 + 27^1 = 25 + 61 + 162 + 202 + 271 \\ 721 &:= 2^5 + 7^1 + 16^2 + 20^2 + 26^1 = 25 + 71 + 162 + 202 + 261 \\ 721 &:= 2^5 + 7^3 + 18^2 + 21^1 + 23^0 = 25 + 73 + 182 + 211 + 230 \\ 721 &:= 2^5 + 8^1 + 16^2 + 20^2 + 25^1 = 25 + 81 + 162 + 202 + 251 \\ 721 &:= 2^5 + 9^1 + 16^2 + 20^2 + 24^1 = 25 + 91 + 162 + 202 + 241 \\ 721 &:= 2^6 + 14^2 + 15^0 + 19^1 + 21^2 = 26 + 142 + 150 + 191 + 212 \\ 721 &:= 2^6 + 3^2 + 19^0 + 22^1 + 25^2 = 26 + 32 + 190 + 221 + 252 \\ 721 &:= 2^6 + 4^2 + 15^1 + 25^0 + 25^2 = 26 + 42 + 151 + 250 + 252 \\ 721 &:= 2^6 + 6^1 + 17^2 + 19^2 + 27^0 = 26 + 61 + 172 + 192 + 270 \\ 721 &:= 2^6 + 8^1 + 18^2 + 18^2 + 25^0 = 26 + 81 + 182 + 182 + 250 \\ 721 &:= 2^6 + 8^2 + 16^1 + 21^0 + 24^2 = 26 + 82 + 161 + 210 + 242 \\ 721 &:= 2^6 + 9^0 + 10^2 + 23^2 + 27^1 = 26 + 90 + 102 + 232 + 271 \\ 721 &:= 2^8 + 10^0 + 16^0 + 21^2 + 22^1 = 28 + 100 + 160 + 212 + 221 \\ 721 &:= 2^8 + 11^0 + 15^0 + 21^2 + 22^1 = 28 + 110 + 150 + 212 + 221 \\ 721 &:= 2^8 + 12^0 + 14^0 + 21^2 + 22^1 = 28 + 120 + 140 + 212 + 221 \\ 721 &:= 2^8 + 13^0 + 13^0 + 21^2 + 22^1 = 28 + 130 + 130 + 212 + 221 \\ 721 &:= 2^8 + 3^0 + 21^2 + 22^1 + 23^0 = 28 + 30 + 212 + 221 + 230 \\ 721 &:= 2^8 + 4^0 + 21^2 + 22^0 + 22^1 = 28 + 40 + 212 + 220 + 221 \\ 721 &:= 2^8 + 5^0 + 21^0 + 21^2 + 22^1 = 28 + 50 + 210 + 212 + 221 \\ 721 &:= 2^8 + 6^0 + 20^0 + 21^2 + 22^1 = 28 + 60 + 200 + 212 + 221 \\ 721 &:= 2^8 + 7^0 + 19^0 + 21^2 + 22^1 = 28 + 70 + 190 + 212 + 221 \\ 721 &:= 2^8 + 8^0 + 18^0 + 21^2 + 22^1 = 28 + 80 + 180 + 212 + 221 \\ 721 &:= 2^8 + 9^0 + 17^0 + 21^2 + 22^1 = 28 + 90 + 170 + 212 + 221 \\ 721 &:= 3^4 + 10^2 + 15^2 + 17^2 + 26^1 = 34 + 102 + 152 + 172 + 261 \\ 721 &:= 3^4 + 11^2 + 13^2 + 18^2 + 26^1 = 34 + 112 + 132 + 182 + 261 \\ 721 &:= 3^4 + 4^4 + 19^2 + 22^1 + 23^0 = 34 + 44 + 192 + 221 + 230 \\ 721 &:= 3^4 + 8^2 + 15^2 + 18^2 + 27^1 = 34 + 82 + 152 + 182 + 271 \\ 721 &:= 3^5 + 6^2 + 15^1 + 20^2 + 27^1 = 35 + 62 + 151 + 202 + 271 \\ 721 &:= 3^5 + 6^2 + 16^1 + 20^2 + 26^1 = 35 + 62 + 161 + 202 + 261 \\ 721 &:= 3^5 + 6^2 + 17^1 + 20^2 + 25^1 = 35 + 62 + 171 + 202 + 251 \\ 721 &:= 3^5 + 6^2 + 18^1 + 20^2 + 24^1 = 35 + 62 + 181 + 202 + 241 \\ 721 &:= 3^5 + 6^2 + 19^1 + 20^2 + 23^1 = 35 + 62 + 191 + 202 + 231 \\ 721 &:= 3^5 + 6^2 + 20^1 + 20^2 + 22^1 = 35 + 62 + 201 + 202 + 221 \\ 721 &:= 3^5 + 6^2 + 20^2 + 21^1 + 21^1 = 35 + 62 + 202 + 211 + 211 \end{aligned}$$

2.2.623 Number 722

$$\begin{aligned}
 722 &:= 1^8 + 12^2 + 24^2 + 34^0 &= 18 + 122 + 242 + 340 \\
 722 &:= 2^5 + 4^3 + 5^4 + 60^0 &= 25 + 43 + 54 + 600 \\
 722 &:= 2^6 + 3^4 + 24^2 + 42^0 &= 26 + 34 + 242 + 420 \\
 722 &:= 2^7 + 4^3 + 23^2 + 42^0 &= 27 + 43 + 232 + 420 \\
 722 &:= 2^7 + 8^3 + 9^2 + 52^0 &= 27 + 83 + 92 + 520 \\
 722 &:= 2^9 + 13^1 + 14^2 + 42^0 &= 29 + 131 + 142 + 420 \\
 722 &:= 2^9 + 13^2 + 16^0 + 40^1 &= 29 + 132 + 160 + 401 \\
 722 &:= 1^1 + 2^8 + 21^2 + 23^1 + 24^0 &= 11 + 28 + 212 + 231 + 240 \\
 722 &:= 1^5 + 4^4 + 21^2 + 22^0 + 23^1 &= 15 + 44 + 212 + 220 + 231 \\
 722 &:= 1^6 + 3^3 + 17^1 + 24^0 + 26^2 &= 16 + 33 + 171 + 240 + 262 \\
 722 &:= 1^6 + 5^3 + 19^1 + 22^0 + 24^2 &= 16 + 53 + 191 + 220 + 242 \\
 722 &:= 1^6 + 6^3 + 20^1 + 22^0 + 22^2 &= 16 + 63 + 201 + 220 + 222 \\
 722 &:= 1^6 + 8^2 + 16^2 + 20^2 + 26^0 &= 16 + 82 + 162 + 202 + 260 \\
 722 &:= 1^7 + 10^0 + 16^2 + 21^2 + 23^1 &= 17 + 100 + 162 + 212 + 231 \\
 722 &:= 1^7 + 11^1 + 15^2 + 22^0 + 22^2 &= 17 + 111 + 152 + 220 + 222 \\
 722 &:= 1^7 + 11^2 + 12^0 + 23^1 + 24^2 &= 17 + 112 + 120 + 231 + 242 \\
 722 &:= 1^7 + 12^0 + 13^2 + 22^1 + 23^2 &= 17 + 120 + 132 + 221 + 232 \\
 722 &:= 1^7 + 5^2 + 19^1 + 20^0 + 26^2 &= 17 + 52 + 191 + 200 + 262 \\
 722 &:= 1^7 + 9^2 + 14^1 + 22^0 + 25^2 &= 17 + 92 + 141 + 220 + 252 \\
 722 &:= 2^1 + 2^8 + 21^2 + 22^1 + 24^0 &= 21 + 28 + 212 + 221 + 240 \\
 722 &:= 2^3 + 2^6 + 18^0 + 24^1 + 25^2 &= 23 + 26 + 180 + 241 + 252 \\
 722 &:= 2^4 + 3^5 + 21^1 + 21^2 + 24^0 &= 24 + 35 + 211 + 212 + 240 \\
 722 &:= 2^6 + 10^2 + 14^2 + 19^2 + 26^0 &= 26 + 102 + 142 + 192 + 260 \\
 722 &:= 2^6 + 4^3 + 17^1 + 24^0 + 24^2 &= 26 + 43 + 171 + 240 + 242 \\
 722 &:= 2^6 + 4^4 + 18^0 + 20^2 + 27^0 &= 26 + 44 + 180 + 202 + 270 \\
 722 &:= 2^6 + 4^4 + 19^0 + 20^2 + 26^0 &= 26 + 44 + 190 + 202 + 260 \\
 722 &:= 2^6 + 4^4 + 20^0 + 20^2 + 25^0 &= 26 + 44 + 200 + 202 + 250 \\
 722 &:= 2^6 + 4^4 + 20^2 + 21^0 + 24^0 &= 26 + 44 + 202 + 210 + 240 \\
 722 &:= 2^6 + 4^4 + 20^2 + 22^0 + 23^0 &= 26 + 44 + 202 + 220 + 230 \\
 722 &:= 2^6 + 7^3 + 17^2 + 20^0 + 25^1 &= 26 + 73 + 172 + 200 + 251
 \end{aligned}$$

$$\begin{aligned}
 722 &:= 2^6 + 8^3 + 11^2 + 24^1 + 26^0 &= 26 + 83 + 112 + 241 + 260 \\
 722 &:= 2^7 + 12^0 + 13^2 + 20^2 + 24^1 &= 27 + 120 + 132 + 202 + 241 \\
 722 &:= 2^7 + 13^1 + 16^2 + 18^2 + 22^0 &= 27 + 131 + 162 + 182 + 220 \\
 722 &:= 2^7 + 15^1 + 17^2 + 17^2 + 20^0 &= 27 + 151 + 172 + 172 + 200 \\
 722 &:= 2^7 + 7^2 + 15^1 + 23^2 + 24^0 &= 27 + 72 + 151 + 232 + 240 \\
 722 &:= 2^8 + 10^1 + 14^1 + 21^2 + 24^0 &= 28 + 101 + 141 + 212 + 240 \\
 722 &:= 2^8 + 11^1 + 13^1 + 21^2 + 24^0 &= 28 + 111 + 131 + 212 + 240 \\
 722 &:= 2^8 + 12^1 + 12^1 + 21^2 + 24^0 &= 28 + 121 + 121 + 212 + 240 \\
 722 &:= 2^8 + 3^1 + 21^1 + 21^2 + 24^0 &= 28 + 31 + 211 + 212 + 240 \\
 722 &:= 2^8 + 4^1 + 20^1 + 21^2 + 24^0 &= 28 + 41 + 201 + 212 + 240 \\
 722 &:= 2^8 + 5^1 + 19^1 + 21^2 + 24^0 &= 28 + 51 + 191 + 212 + 240 \\
 722 &:= 2^8 + 6^1 + 18^1 + 21^2 + 24^0 &= 28 + 61 + 181 + 212 + 240 \\
 722 &:= 2^8 + 7^1 + 17^1 + 21^2 + 24^0 &= 28 + 71 + 171 + 212 + 240 \\
 722 &:= 2^8 + 8^1 + 16^1 + 21^2 + 24^0 &= 28 + 81 + 161 + 212 + 240 \\
 722 &:= 2^8 + 8^2 + 14^0 + 20^2 + 27^0 &= 28 + 82 + 140 + 202 + 270 \\
 722 &:= 2^8 + 8^2 + 15^0 + 20^2 + 26^0 &= 28 + 82 + 150 + 202 + 260 \\
 722 &:= 2^8 + 8^2 + 16^0 + 20^2 + 25^0 &= 28 + 82 + 160 + 202 + 250 \\
 722 &:= 2^8 + 8^2 + 17^0 + 20^2 + 24^0 &= 28 + 82 + 170 + 202 + 240 \\
 722 &:= 2^8 + 8^2 + 18^0 + 20^2 + 23^0 &= 28 + 82 + 180 + 202 + 230 \\
 722 &:= 2^8 + 8^2 + 19^0 + 20^2 + 22^0 &= 28 + 82 + 190 + 202 + 220 \\
 722 &:= 2^8 + 8^2 + 20^0 + 20^2 + 21^0 &= 28 + 82 + 200 + 202 + 210 \\
 722 &:= 2^8 + 9^1 + 15^1 + 21^2 + 24^0 &= 28 + 91 + 151 + 212 + 240 \\
 722 &:= 2^9 + 12^1 + 14^2 + 16^0 + 27^0 &= 29 + 121 + 142 + 160 + 270 \\
 722 &:= 2^9 + 12^1 + 14^2 + 17^0 + 26^0 &= 29 + 121 + 142 + 170 + 260 \\
 722 &:= 2^9 + 12^1 + 14^2 + 18^0 + 25^0 &= 29 + 121 + 142 + 180 + 250 \\
 722 &:= 2^9 + 12^1 + 14^2 + 19^0 + 24^0 &= 29 + 121 + 142 + 190 + 240 \\
 722 &:= 2^9 + 12^1 + 14^2 + 20^0 + 23^0 &= 29 + 121 + 142 + 200 + 230 \\
 722 &:= 2^9 + 12^1 + 14^2 + 21^0 + 22^0 &= 29 + 121 + 142 + 210 + 220 \\
 722 &:= 3^5 + 4^4 + 14^2 + 24^0 + 26^1 &= 35 + 44 + 142 + 240 + 261
 \end{aligned}$$

2.2.624 Number 723

$$\begin{aligned}
 723 &:= 1^8 + 17^2 + 20^2 + 33^1 &= 18 + 172 + 202 + 331 \\
 723 &:= 1^8 + 2^2 + 26^2 + 42^1 &= 18 + 22 + 262 + 421 \\
 723 &:= 2^8 + 8^2 + 19^2 + 42^1 &= 28 + 82 + 192 + 421 \\
 723 &:= 1^2 + 2^8 + 21^2 + 23^0 + 24^1 &= 12 + 28 + 212 + 230 + 241 \\
 723 &:= 1^3 + 2^7 + 17^1 + 24^2 + 27^0 &= 13 + 27 + 171 + 242 + 270
 \end{aligned}$$

$$\begin{aligned}
 723 &:= 1^6 + 10^2 + 14^2 + 20^2 + 26^1 &= 16 + 102 + 142 + 202 + 261 \\
 723 &:= 1^6 + 3^4 + 15^1 + 25^2 + 27^0 &= 16 + 34 + 151 + 252 + 270 \\
 723 &:= 1^6 + 4^4 + 21^0 + 21^2 + 24^1 &= 16 + 44 + 210 + 212 + 241 \\
 723 &:= 1^7 + 10^1 + 17^2 + 20^2 + 23^1 &= 17 + 101 + 172 + 202 + 231 \\
 723 &:= 1^7 + 11^1 + 17^2 + 20^2 + 22^1 &= 17 + 111 + 172 + 202 + 221
 \end{aligned}$$

$$\begin{aligned} 723 &:= 1^7 + 12^1 + 17^2 + 20^2 + 21^1 = 17 + 121 + 172 + 202 + 211 \\ 723 &:= 1^7 + 13^1 + 17^2 + 20^1 + 20^2 = 17 + 131 + 172 + 201 + 202 \\ 723 &:= 1^7 + 14^1 + 17^2 + 19^1 + 20^2 = 17 + 141 + 172 + 191 + 202 \\ 723 &:= 1^7 + 15^1 + 17^2 + 18^1 + 20^2 = 17 + 151 + 172 + 181 + 202 \\ 723 &:= 1^7 + 16^1 + 17^1 + 17^2 + 20^2 = 17 + 161 + 171 + 172 + 202 \\ 723 &:= 1^7 + 2^2 + 15^1 + 26^2 + 27^1 = 17 + 22 + 151 + 262 + 271 \\ 723 &:= 1^7 + 2^2 + 16^1 + 26^1 + 26^2 = 17 + 22 + 161 + 261 + 262 \\ 723 &:= 1^7 + 2^2 + 17^1 + 25^1 + 26^2 = 17 + 22 + 171 + 251 + 262 \\ 723 &:= 1^7 + 2^2 + 18^1 + 24^1 + 26^2 = 17 + 22 + 181 + 241 + 262 \\ 723 &:= 1^7 + 2^2 + 19^1 + 23^1 + 26^2 = 17 + 22 + 191 + 231 + 262 \\ 723 &:= 1^7 + 2^2 + 20^1 + 22^1 + 26^2 = 17 + 22 + 201 + 221 + 262 \\ 723 &:= 1^7 + 2^2 + 21^1 + 21^1 + 26^2 = 17 + 22 + 211 + 211 + 262 \\ 723 &:= 1^7 + 3^3 + 18^1 + 23^0 + 26^2 = 17 + 33 + 181 + 230 + 262 \\ 723 &:= 1^7 + 5^3 + 20^1 + 21^0 + 24^2 = 17 + 53 + 201 + 210 + 242 \\ 723 &:= 1^7 + 6^1 + 17^2 + 20^2 + 27^1 = 17 + 61 + 172 + 202 + 271 \\ 723 &:= 1^7 + 6^2 + 18^2 + 19^2 + 27^0 = 17 + 62 + 182 + 192 + 270 \\ 723 &:= 1^7 + 6^3 + 21^0 + 21^1 + 22^2 = 17 + 63 + 210 + 211 + 222 \\ 723 &:= 1^7 + 7^1 + 17^2 + 20^2 + 26^1 = 17 + 71 + 172 + 202 + 261 \\ 723 &:= 1^7 + 7^3 + 17^1 + 19^2 + 27^0 = 17 + 73 + 171 + 192 + 270 \\ 723 &:= 1^7 + 8^1 + 17^2 + 20^2 + 25^1 = 17 + 81 + 172 + 202 + 251 \\ 723 &:= 1^7 + 9^1 + 17^2 + 20^2 + 24^1 = 17 + 91 + 172 + 202 + 241 \\ 723 &:= 1^8 + 11^0 + 11^2 + 24^1 + 24^2 = 18 + 110 + 112 + 241 + 242 \\ 723 &:= 1^8 + 11^0 + 13^2 + 23^1 + 23^2 = 18 + 110 + 132 + 231 + 232 \\ 723 &:= 1^8 + 12^1 + 15^2 + 21^0 + 22^2 = 18 + 121 + 152 + 210 + 222 \\ 723 &:= 1^8 + 5^2 + 19^0 + 20^1 + 26^2 = 18 + 52 + 190 + 201 + 262 \\ 723 &:= 1^8 + 9^0 + 16^2 + 21^2 + 24^1 = 18 + 90 + 162 + 212 + 241 \\ 723 &:= 1^8 + 9^2 + 15^1 + 21^0 + 25^2 = 18 + 92 + 151 + 210 + 252 \\ 723 &:= 1^9 + 10^0 + 12^2 + 24^0 + 24^2 = 19 + 100 + 122 + 240 + 242 \\ 723 &:= 1^9 + 11^0 + 12^2 + 23^0 + 24^2 = 19 + 110 + 122 + 230 + 242 \\ 723 &:= 1^9 + 12^0 + 12^2 + 22^0 + 24^2 = 19 + 120 + 122 + 220 + 242 \\ 723 &:= 1^9 + 12^2 + 13^0 + 21^0 + 24^2 = 19 + 122 + 130 + 210 + 242 \\ 723 &:= 1^9 + 12^2 + 14^0 + 20^0 + 24^2 = 19 + 122 + 140 + 200 + 242 \\ 723 &:= 1^9 + 12^2 + 15^0 + 19^0 + 24^2 = 19 + 122 + 150 + 190 + 242 \\ 723 &:= 1^9 + 12^2 + 16^0 + 18^0 + 24^2 = 19 + 122 + 160 + 180 + 242 \\ 723 &:= 1^9 + 12^2 + 17^0 + 17^0 + 24^2 = 19 + 122 + 170 + 170 + 242 \\ 723 &:= 1^9 + 7^0 + 12^2 + 24^2 + 27^0 = 19 + 70 + 122 + 242 + 270 \\ 723 &:= 1^9 + 8^0 + 12^2 + 24^2 + 26^0 = 19 + 80 + 122 + 242 + 260 \\ 723 &:= 1^9 + 9^0 + 12^2 + 24^2 + 25^0 = 19 + 90 + 122 + 242 + 250 \\ 723 &:= 2^2 + 2^8 + 21^1 + 21^2 + 25^0 = 22 + 28 + 211 + 212 + 250 \\ 723 &:= 2^4 + 2^6 + 17^1 + 25^0 + 25^2 = 24 + 26 + 171 + 250 + 252 \\ 723 &:= 2^5 + 2^6 + 15^0 + 25^2 + 27^0 = 25 + 26 + 150 + 252 + 270 \\ 723 &:= 2^5 + 2^6 + 16^0 + 25^2 + 26^0 = 25 + 26 + 160 + 252 + 260 \\ 723 &:= 2^5 + 2^6 + 17^0 + 25^0 + 25^2 = 25 + 26 + 170 + 250 + 252 \\ 723 &:= 2^5 + 2^6 + 18^0 + 24^0 + 25^2 = 25 + 26 + 180 + 240 + 252 \\ 723 &:= 2^5 + 2^6 + 19^0 + 23^0 + 25^2 = 25 + 26 + 190 + 230 + 252 \\ 723 &:= 2^5 + 2^6 + 20^0 + 22^0 + 25^2 = 25 + 26 + 200 + 220 + 252 \\ 723 &:= 2^5 + 2^6 + 21^0 + 21^0 + 25^2 = 25 + 26 + 210 + 210 + 252 \\ 723 &:= 2^6 + 11^2 + 16^2 + 16^2 + 26^1 = 26 + 112 + 162 + 162 + 261 \\ 723 &:= 2^6 + 6^3 + 16^1 + 20^2 + 27^1 = 26 + 63 + 161 + 202 + 271 \\ 723 &:= 2^6 + 6^3 + 17^1 + 20^2 + 26^1 = 26 + 63 + 171 + 202 + 261 \\ 723 &:= 2^6 + 6^3 + 18^1 + 20^2 + 25^1 = 26 + 63 + 181 + 202 + 251 \\ 723 &:= 2^6 + 6^3 + 19^1 + 20^2 + 24^1 = 26 + 63 + 191 + 202 + 241 \\ 723 &:= 2^6 + 6^3 + 20^1 + 20^2 + 23^1 = 26 + 63 + 201 + 202 + 231 \\ 723 &:= 2^6 + 6^3 + 20^2 + 21^1 + 22^1 = 26 + 63 + 202 + 211 + 221 \\ 723 &:= 2^7 + 12^2 + 15^2 + 15^2 + 27^0 = 27 + 122 + 152 + 152 + 270 \\ 723 &:= 2^7 + 13^2 + 13^2 + 16^2 + 27^0 = 27 + 132 + 132 + 162 + 270 \\ 723 &:= 2^7 + 5^2 + 14^1 + 23^2 + 27^1 = 27 + 52 + 141 + 232 + 271 \\ 723 &:= 2^7 + 5^2 + 15^1 + 23^2 + 26^1 = 27 + 52 + 151 + 232 + 261 \\ 723 &:= 2^7 + 5^2 + 16^1 + 23^2 + 25^1 = 27 + 52 + 161 + 232 + 251 \\ 723 &:= 2^7 + 5^2 + 17^1 + 23^2 + 24^1 = 27 + 52 + 171 + 232 + 241 \\ 723 &:= 2^7 + 5^2 + 18^1 + 23^1 + 23^2 = 27 + 52 + 181 + 231 + 232 \\ 723 &:= 2^7 + 5^2 + 19^1 + 22^1 + 23^2 = 27 + 52 + 191 + 221 + 232 \\ 723 &:= 2^7 + 5^2 + 20^1 + 21^1 + 23^2 = 27 + 52 + 201 + 211 + 232 \\ 723 &:= 2^7 + 6^3 + 17^1 + 19^2 + 27^0 = 27 + 63 + 171 + 192 + 270 \\ 723 &:= 2^7 + 7^3 + 15^2 + 21^0 + 26^1 = 27 + 73 + 152 + 210 + 261 \\ 723 &:= 2^8 + 11^2 + 18^2 + 19^0 + 21^1 = 28 + 112 + 182 + 190 + 211 \\ 723 &:= 2^8 + 14^1 + 14^2 + 16^2 + 25^0 = 28 + 141 + 142 + 162 + 250 \\ 723 &:= 2^8 + 15^2 + 15^2 + 16^1 + 23^0 = 28 + 152 + 152 + 161 + 230 \\ 723 &:= 2^8 + 7^2 + 17^1 + 20^2 + 25^0 = 28 + 72 + 171 + 202 + 250 \\ 723 &:= 2^8 + 9^2 + 17^0 + 19^2 + 24^1 = 28 + 92 + 170 + 192 + 241 \\ 723 &:= 2^9 + 13^2 + 14^1 + 15^0 + 27^1 = 29 + 132 + 141 + 150 + 271 \\ 723 &:= 2^9 + 13^2 + 15^0 + 15^1 + 26^1 = 29 + 132 + 150 + 151 + 261 \\ 723 &:= 2^9 + 13^2 + 15^0 + 16^1 + 25^1 = 29 + 132 + 150 + 161 + 251 \\ 723 &:= 2^9 + 13^2 + 15^0 + 17^1 + 24^1 = 29 + 132 + 150 + 171 + 241 \\ 723 &:= 2^9 + 13^2 + 15^0 + 18^1 + 23^1 = 29 + 132 + 150 + 181 + 231 \\ 723 &:= 2^9 + 13^2 + 15^0 + 19^1 + 22^1 = 29 + 132 + 150 + 191 + 221 \end{aligned}$$

$$723 := 2^9 + 13^2 + 15^0 + 20^1 + 21^1 = 29 + 132 + 150 + 201 + 211$$

2.2.625 Number 724

$$\begin{aligned} 724 &:= 1^0 + 19^2 + 19^2 + 33^0 &= 10 + 192 + 192 + 330 \\ 724 &:= 10^0 + 19^2 + 19^2 + 24^0 &= 100 + 192 + 192 + 240 \\ 724 &:= 11^0 + 19^2 + 19^2 + 23^0 &= 110 + 192 + 192 + 230 \\ 724 &:= 12^0 + 19^2 + 19^2 + 22^0 &= 120 + 192 + 192 + 220 \\ 724 &:= 13^0 + 19^2 + 19^2 + 21^0 &= 130 + 192 + 192 + 210 \\ 724 &:= 14^0 + 19^2 + 19^2 + 20^0 &= 140 + 192 + 192 + 200 \\ 724 &:= 15^0 + 19^0 + 19^2 + 19^2 &= 150 + 190 + 192 + 192 \\ 724 &:= 16^0 + 18^0 + 19^2 + 19^2 &= 160 + 180 + 192 + 192 \\ 724 &:= 17^0 + 17^0 + 19^2 + 19^2 &= 170 + 170 + 192 + 192 \\ 724 &:= 2^0 + 19^2 + 19^2 + 32^0 &= 20 + 192 + 192 + 320 \\ 724 &:= 3^0 + 19^2 + 19^2 + 31^0 &= 30 + 192 + 192 + 310 \\ 724 &:= 4^0 + 19^2 + 19^2 + 30^0 &= 40 + 192 + 192 + 300 \\ 724 &:= 5^0 + 19^2 + 19^2 + 29^0 &= 50 + 192 + 192 + 290 \\ 724 &:= 6^0 + 19^2 + 19^2 + 28^0 &= 60 + 192 + 192 + 280 \\ 724 &:= 7^0 + 19^2 + 19^2 + 27^0 &= 70 + 192 + 192 + 270 \\ 724 &:= 8^0 + 19^2 + 19^2 + 26^0 &= 80 + 192 + 192 + 260 \\ 724 &:= 9^0 + 19^2 + 19^2 + 25^0 &= 90 + 192 + 192 + 250 \\ 724 &:= 1^3 + 2^8 + 21^2 + 22^0 + 25^1 &= 13 + 28 + 212 + 220 + 251 \end{aligned}$$

$$\begin{aligned} 724 &:= 1^4 + 2^7 + 18^1 + 24^2 + 26^0 &= 14 + 27 + 181 + 242 + 260 \\ 724 &:= 1^7 + 3^4 + 16^1 + 25^2 + 26^0 &= 17 + 34 + 161 + 252 + 260 \\ 724 &:= 1^7 + 4^4 + 20^0 + 21^2 + 25^1 &= 17 + 44 + 200 + 212 + 251 \\ 724 &:= 1^8 + 12^2 + 17^2 + 17^2 + 24^0 &= 18 + 122 + 172 + 172 + 240 \\ 724 &:= 1^8 + 3^3 + 19^1 + 22^0 + 26^2 &= 18 + 33 + 191 + 220 + 262 \\ 724 &:= 1^8 + 5^3 + 20^0 + 21^1 + 24^2 &= 18 + 53 + 200 + 211 + 242 \\ 724 &:= 1^8 + 6^3 + 20^0 + 22^1 + 22^2 &= 18 + 63 + 200 + 221 + 222 \\ 724 &:= 1^8 + 7^3 + 18^1 + 19^2 + 26^0 &= 18 + 73 + 181 + 192 + 260 \\ 724 &:= 1^9 + 10^0 + 11^2 + 24^2 + 25^1 &= 19 + 100 + 112 + 242 + 251 \\ 724 &:= 1^9 + 10^0 + 13^2 + 23^2 + 24^1 &= 19 + 100 + 132 + 232 + 241 \\ 724 &:= 1^9 + 13^1 + 15^2 + 20^0 + 22^2 &= 19 + 131 + 152 + 200 + 222 \\ 724 &:= 1^9 + 5^2 + 18^0 + 21^1 + 26^2 &= 19 + 52 + 180 + 211 + 262 \\ 724 &:= 1^9 + 8^0 + 16^2 + 21^2 + 25^1 &= 19 + 80 + 162 + 212 + 251 \\ 724 &:= 1^9 + 9^2 + 16^1 + 20^0 + 25^2 &= 19 + 92 + 161 + 200 + 252 \\ 724 &:= 2^8 + 6^3 + 15^2 + 22^0 + 26^1 &= 28 + 63 + 152 + 220 + 261 \\ 724 &:= 2^9 + 4^2 + 13^2 + 26^0 + 26^1 &= 29 + 42 + 132 + 260 + 261 \\ 724 &:= 2^9 + 8^2 + 11^2 + 24^0 + 26^1 &= 29 + 82 + 112 + 240 + 261 \end{aligned}$$

2.2.626 Number 725

$$\begin{aligned} 725 &:= 10^0 + 11^2 + 24^2 + 27^1 &= 100 + 112 + 242 + 271 \\ 725 &:= 10^0 + 13^2 + 23^2 + 26^1 &= 100 + 132 + 232 + 261 \\ 725 &:= 15^1 + 15^2 + 20^0 + 22^2 &= 151 + 152 + 200 + 222 \\ 725 &:= 2^1 + 19^2 + 19^2 + 32^0 &= 21 + 192 + 192 + 320 \\ 725 &:= 2^4 + 2^9 + 14^2 + 53^0 &= 24 + 29 + 142 + 530 \\ 725 &:= 2^8 + 3^5 + 15^2 + 51^0 &= 28 + 35 + 152 + 510 \\ 725 &:= 3^2 + 4^0 + 26^2 + 39^1 &= 32 + 40 + 262 + 391 \\ 725 &:= 4^0 + 8^2 + 25^2 + 35^1 &= 40 + 82 + 252 + 351 \\ 725 &:= 4^1 + 12^2 + 24^2 + 32^0 &= 41 + 122 + 242 + 320 \\ 725 &:= 4^2 + 10^0 + 26^2 + 32^1 &= 42 + 100 + 262 + 321 \\ 725 &:= 5^2 + 18^0 + 23^1 + 26^2 &= 52 + 180 + 231 + 262 \\ 725 &:= 6^2 + 12^1 + 26^2 + 28^0 &= 62 + 121 + 262 + 280 \\ 725 &:= 8^0 + 16^2 + 21^2 + 27^1 &= 80 + 162 + 212 + 271 \\ 725 &:= 9^2 + 18^1 + 20^0 + 25^2 &= 92 + 181 + 200 + 252 \end{aligned}$$

$$\begin{aligned} 725 &:= 1^0 + 10^0 + 11^2 + 24^2 + 26^1 &= 10 + 100 + 112 + 242 + 261 \\ 725 &:= 1^0 + 10^0 + 13^2 + 23^2 + 25^1 &= 10 + 100 + 132 + 232 + 251 \\ 725 &:= 1^0 + 14^1 + 15^2 + 20^0 + 22^2 &= 10 + 141 + 152 + 200 + 222 \\ 725 &:= 1^0 + 5^2 + 18^0 + 22^1 + 26^2 &= 10 + 52 + 180 + 221 + 262 \\ 725 &:= 1^0 + 8^0 + 16^2 + 21^2 + 26^1 &= 10 + 80 + 162 + 212 + 261 \\ 725 &:= 1^0 + 9^2 + 17^1 + 20^0 + 25^2 &= 10 + 92 + 171 + 200 + 252 \\ 725 &:= 1^1 + 10^0 + 19^2 + 19^2 + 23^0 &= 11 + 100 + 192 + 192 + 230 \\ 725 &:= 1^1 + 11^0 + 19^2 + 19^2 + 22^0 &= 11 + 110 + 192 + 192 + 220 \\ 725 &:= 1^1 + 12^0 + 19^2 + 19^2 + 21^0 &= 11 + 120 + 192 + 192 + 210 \\ 725 &:= 1^1 + 13^0 + 19^2 + 19^2 + 20^0 &= 11 + 130 + 192 + 192 + 200 \\ 725 &:= 1^1 + 14^0 + 19^0 + 19^2 + 19^2 &= 11 + 140 + 190 + 192 + 192 \\ 725 &:= 1^1 + 15^0 + 18^0 + 19^2 + 19^2 &= 11 + 150 + 180 + 192 + 192 \\ 725 &:= 1^1 + 16^0 + 17^0 + 19^2 + 19^2 &= 11 + 160 + 170 + 192 + 192 \\ 725 &:= 1^1 + 6^0 + 19^2 + 19^2 + 27^0 &= 11 + 60 + 192 + 192 + 270 \end{aligned}$$

$$\begin{aligned} 725 &:= 1^1 + 7^0 + 19^2 + 19^2 + 26^0 = 11 + 70 + 192 + 192 + 260 & 725 &:= 3^1 + 11^0 + 12^2 + 22^0 + 24^2 = 31 + 110 + 122 + 220 + 242 \\ 725 &:= 1^1 + 8^0 + 19^2 + 19^2 + 25^0 = 11 + 80 + 192 + 192 + 250 & 725 &:= 3^1 + 12^0 + 12^2 + 21^0 + 24^2 = 31 + 120 + 122 + 210 + 242 \\ 725 &:= 1^1 + 9^0 + 19^2 + 19^2 + 24^0 = 11 + 90 + 192 + 192 + 240 & 725 &:= 3^1 + 12^2 + 13^0 + 20^0 + 24^2 = 31 + 122 + 130 + 200 + 242 \\ 725 &:= 1^4 + 2^8 + 21^0 + 21^2 + 26^1 = 14 + 28 + 210 + 212 + 261 & 725 &:= 3^1 + 12^2 + 14^0 + 19^0 + 24^2 = 31 + 122 + 140 + 190 + 242 \\ 725 &:= 1^5 + 2^7 + 19^1 + 24^2 + 25^0 = 15 + 27 + 191 + 242 + 250 & 725 &:= 3^1 + 12^2 + 15^0 + 18^0 + 24^2 = 31 + 122 + 150 + 180 + 242 \\ 725 &:= 1^7 + 2^5 + 15^1 + 26^2 + 27^0 = 17 + 25 + 151 + 262 + 270 & 725 &:= 3^1 + 12^2 + 16^0 + 17^0 + 24^2 = 31 + 122 + 160 + 170 + 242 \\ 725 &:= 1^8 + 11^2 + 17^2 + 17^2 + 25^1 = 18 + 112 + 172 + 172 + 251 & 725 &:= 3^1 + 6^0 + 12^2 + 24^2 + 27^0 = 31 + 60 + 122 + 242 + 270 \\ 725 &:= 1^8 + 13^2 + 13^2 + 19^2 + 25^1 = 18 + 132 + 132 + 192 + 251 & 725 &:= 3^1 + 7^0 + 12^2 + 24^2 + 26^0 = 31 + 70 + 122 + 242 + 260 \\ 725 &:= 1^8 + 3^4 + 17^1 + 25^0 + 25^2 = 18 + 34 + 171 + 250 + 252 & 725 &:= 3^1 + 8^0 + 12^2 + 24^2 + 25^0 = 31 + 80 + 122 + 242 + 250 \\ 725 &:= 1^8 + 4^4 + 19^0 + 21^2 + 26^1 = 18 + 44 + 190 + 212 + 261 & 725 &:= 3^1 + 9^0 + 12^2 + 24^0 + 24^2 = 31 + 90 + 122 + 240 + 242 \\ 725 &:= 1^8 + 7^2 + 18^2 + 18^2 + 27^1 = 18 + 72 + 182 + 182 + 271 & 725 &:= 4^0 + 14^1 + 15^2 + 17^0 + 22^2 = 40 + 141 + 152 + 170 + 222 \\ 725 &:= 1^8 + 9^2 + 16^2 + 19^2 + 26^1 = 18 + 92 + 162 + 192 + 261 & 725 &:= 4^0 + 5^0 + 16^2 + 21^2 + 26^1 = 40 + 50 + 162 + 212 + 261 \\ 725 &:= 1^9 + 3^3 + 20^1 + 21^0 + 26^2 = 19 + 33 + 201 + 210 + 262 & 725 &:= 4^0 + 5^2 + 15^0 + 22^1 + 26^2 = 40 + 52 + 150 + 221 + 262 \\ 725 &:= 1^9 + 5^3 + 19^0 + 22^1 + 24^2 = 19 + 53 + 190 + 221 + 242 & 725 &:= 4^0 + 6^2 + 11^1 + 25^0 + 26^2 = 40 + 62 + 111 + 250 + 262 \\ 725 &:= 1^9 + 6^3 + 19^0 + 22^2 + 23^1 = 19 + 63 + 190 + 222 + 231 & 725 &:= 4^0 + 7^0 + 11^2 + 24^2 + 26^1 = 40 + 70 + 112 + 242 + 261 \\ 725 &:= 1^9 + 7^3 + 19^1 + 19^2 + 25^0 = 19 + 73 + 191 + 192 + 250 & 725 &:= 4^0 + 7^0 + 13^2 + 23^2 + 25^1 = 40 + 70 + 132 + 232 + 251 \\ 725 &:= 10^0 + 11^0 + 14^1 + 15^2 + 22^2 = 100 + 110 + 141 + 152 + 222 & 725 &:= 4^0 + 9^2 + 17^0 + 17^1 + 25^2 = 40 + 92 + 170 + 171 + 252 \\ 725 &:= 2^0 + 14^1 + 15^2 + 19^0 + 22^2 = 20 + 141 + 152 + 190 + 222 & 725 &:= 5^0 + 14^1 + 15^2 + 16^0 + 22^2 = 50 + 141 + 152 + 160 + 222 \\ 725 &:= 2^0 + 5^2 + 17^0 + 22^1 + 26^2 = 20 + 52 + 170 + 221 + 262 & 725 &:= 5^0 + 5^2 + 14^0 + 22^1 + 26^2 = 50 + 52 + 140 + 221 + 262 \\ 725 &:= 2^0 + 6^2 + 11^1 + 26^2 + 27^0 = 20 + 62 + 111 + 262 + 270 & 725 &:= 5^0 + 6^0 + 11^2 + 24^2 + 26^1 = 50 + 60 + 112 + 242 + 261 \\ 725 &:= 2^0 + 7^0 + 16^2 + 21^2 + 26^1 = 20 + 70 + 162 + 212 + 261 & 725 &:= 5^0 + 6^0 + 13^2 + 23^2 + 25^1 = 50 + 60 + 132 + 232 + 251 \\ 725 &:= 2^0 + 9^0 + 11^2 + 24^2 + 26^1 = 20 + 90 + 112 + 242 + 261 & 725 &:= 5^0 + 6^2 + 11^1 + 24^0 + 26^2 = 50 + 62 + 111 + 240 + 262 \\ 725 &:= 2^0 + 9^0 + 13^2 + 23^2 + 25^1 = 20 + 90 + 132 + 232 + 251 & 725 &:= 5^0 + 9^2 + 16^0 + 17^1 + 25^2 = 50 + 92 + 160 + 171 + 252 \\ 725 &:= 2^0 + 9^2 + 17^1 + 19^0 + 25^2 = 20 + 92 + 171 + 190 + 252 & 725 &:= 5^2 + 6^0 + 13^0 + 22^1 + 26^2 = 52 + 60 + 130 + 221 + 262 \\ 725 &:= 2^6 + 2^6 + 20^1 + 23^0 + 24^2 = 26 + 26 + 201 + 230 + 242 & 725 &:= 5^2 + 7^0 + 12^0 + 22^1 + 26^2 = 52 + 70 + 120 + 221 + 262 \\ 725 &:= 2^8 + 3^4 + 19^2 + 21^0 + 26^1 = 28 + 34 + 192 + 210 + 261 & 725 &:= 5^2 + 8^0 + 11^0 + 22^1 + 26^2 = 52 + 80 + 110 + 221 + 262 \\ 725 &:= 2^9 + 4^2 + 12^2 + 26^1 + 27^1 = 29 + 42 + 122 + 261 + 271 & 725 &:= 5^2 + 9^0 + 10^0 + 22^1 + 26^2 = 52 + 90 + 100 + 221 + 262 \\ 725 &:= 2^9 + 4^3 + 11^2 + 27^0 + 27^1 = 29 + 43 + 112 + 270 + 271 & 725 &:= 6^0 + 14^1 + 15^0 + 15^2 + 22^2 = 60 + 141 + 150 + 152 + 222 \\ 725 &:= 2^9 + 9^2 + 9^2 + 24^1 + 27^1 = 29 + 92 + 92 + 241 + 271 & 725 &:= 6^0 + 6^2 + 11^1 + 23^0 + 26^2 = 60 + 62 + 111 + 230 + 262 \\ 725 &:= 2^9 + 9^2 + 9^2 + 25^1 + 26^1 = 29 + 92 + 92 + 251 + 261 & 725 &:= 6^0 + 9^2 + 15^0 + 17^1 + 25^2 = 60 + 92 + 150 + 171 + 252 \\ 725 &:= 3^0 + 14^1 + 15^2 + 18^0 + 22^2 = 30 + 141 + 152 + 180 + 222 & 725 &:= 6^2 + 10^0 + 11^1 + 19^0 + 26^2 = 62 + 100 + 111 + 190 + 262 \\ 725 &:= 3^0 + 5^2 + 16^0 + 22^1 + 26^2 = 30 + 52 + 160 + 221 + 262 & 725 &:= 6^2 + 11^0 + 11^1 + 18^0 + 26^2 = 62 + 110 + 111 + 180 + 262 \\ 725 &:= 3^0 + 6^0 + 16^2 + 21^2 + 26^1 = 30 + 60 + 162 + 212 + 261 & 725 &:= 6^2 + 11^1 + 12^0 + 17^0 + 26^2 = 62 + 111 + 120 + 170 + 262 \\ 725 &:= 3^0 + 6^2 + 11^1 + 26^0 + 26^2 = 30 + 62 + 111 + 260 + 262 & 725 &:= 6^2 + 11^1 + 13^0 + 16^0 + 26^2 = 62 + 111 + 130 + 160 + 262 \\ 725 &:= 3^0 + 8^0 + 11^2 + 24^2 + 26^1 = 30 + 80 + 112 + 242 + 261 & 725 &:= 6^2 + 11^1 + 14^0 + 15^0 + 26^2 = 62 + 111 + 140 + 150 + 262 \\ 725 &:= 3^0 + 8^0 + 13^2 + 23^2 + 25^1 = 30 + 80 + 132 + 232 + 251 & 725 &:= 6^2 + 7^0 + 11^1 + 22^0 + 26^2 = 62 + 70 + 111 + 220 + 262 \\ 725 &:= 3^0 + 9^2 + 17^1 + 18^0 + 25^2 = 30 + 92 + 171 + 180 + 252 & 725 &:= 6^2 + 8^0 + 11^1 + 21^0 + 26^2 = 62 + 80 + 111 + 210 + 262 \\ 725 &:= 3^1 + 10^0 + 12^2 + 23^0 + 24^2 = 31 + 100 + 122 + 230 + 242 & 725 &:= 6^2 + 9^0 + 11^1 + 20^0 + 26^2 = 62 + 90 + 111 + 200 + 262 \end{aligned}$$

$$\begin{aligned} 725 &:= 7^0 + 14^0 + 14^1 + 15^2 + 22^2 = 70 + 140 + 141 + 152 + 222 \\ 725 &:= 7^0 + 9^2 + 14^0 + 17^1 + 25^2 = 70 + 92 + 140 + 171 + 252 \\ 725 &:= 8^0 + 13^0 + 14^1 + 15^2 + 22^2 = 80 + 130 + 141 + 152 + 222 \\ 725 &:= 8^0 + 9^2 + 13^0 + 17^1 + 25^2 = 80 + 92 + 130 + 171 + 252 \end{aligned}$$

$$\begin{aligned} 725 &:= 9^0 + 12^0 + 14^1 + 15^2 + 22^2 = 90 + 120 + 141 + 152 + 222 \\ 725 &:= 9^0 + 9^2 + 12^0 + 17^1 + 25^2 = 90 + 92 + 120 + 171 + 252 \\ 725 &:= 9^2 + 10^0 + 11^0 + 17^1 + 25^2 = 92 + 100 + 110 + 171 + 252 \end{aligned}$$

2.2.627 Number 726

$$\begin{aligned} 726 &:= 5^4 + 10^2 + 57^0 = 54 + 102 + 570 \\ 726 &:= 1^2 + 18^2 + 20^2 + 33^0 = 12 + 182 + 202 + 330 \\ 726 &:= 10^2 + 15^2 + 20^2 + 27^0 = 102 + 152 + 202 + 270 \\ 726 &:= 2^3 + 3^0 + 26^2 + 41^1 = 23 + 30 + 262 + 411 \\ 726 &:= 3^3 + 21^0 + 22^1 + 26^2 = 33 + 210 + 221 + 262 \\ 726 &:= 4^2 + 15^2 + 22^2 + 31^0 = 42 + 152 + 222 + 310 \\ 726 &:= 4^3 + 7^0 + 25^2 + 36^1 = 43 + 70 + 252 + 361 \\ 726 &:= 5^3 + 19^0 + 24^1 + 24^2 = 53 + 190 + 241 + 242 \\ 726 &:= 5^4 + 10^2 + 57^0 = 54 + 102 + 570 \\ 726 &:= 6^2 + 17^2 + 20^2 + 29^0 = 62 + 172 + 202 + 290 \\ 726 &:= 6^2 + 8^2 + 25^2 + 33^0 = 62 + 82 + 252 + 330 \\ 726 &:= 6^3 + 19^0 + 22^2 + 25^1 = 63 + 190 + 222 + 251 \\ 726 &:= 7^0 + 8^3 + 13^2 + 44^1 = 70 + 83 + 132 + 441 \\ 726 &:= 7^2 + 10^2 + 24^2 + 31^0 = 72 + 102 + 242 + 310 \\ 726 &:= 7^3 + 19^2 + 21^1 + 25^0 = 73 + 192 + 211 + 250 \\ 726 &:= 8^3 + 14^2 + 17^1 + 33^0 = 83 + 142 + 171 + 330 \\ 726 &:= 1^0 + 12^2 + 16^2 + 18^2 + 25^0 = 10 + 122 + 162 + 182 + 250 \\ 726 &:= 1^0 + 3^3 + 21^0 + 21^1 + 26^2 = 10 + 33 + 210 + 211 + 262 \\ 726 &:= 1^0 + 5^3 + 19^0 + 23^1 + 24^2 = 10 + 53 + 190 + 231 + 242 \\ 726 &:= 1^0 + 6^3 + 19^0 + 22^2 + 24^1 = 10 + 63 + 190 + 222 + 241 \\ 726 &:= 1^0 + 7^3 + 19^2 + 20^1 + 25^0 = 10 + 73 + 192 + 201 + 250 \\ 726 &:= 1^1 + 15^1 + 15^2 + 19^0 + 22^2 = 11 + 151 + 152 + 190 + 222 \\ 726 &:= 1^1 + 5^2 + 17^0 + 23^1 + 26^2 = 11 + 52 + 170 + 231 + 262 \\ 726 &:= 1^1 + 6^2 + 12^1 + 26^2 + 27^0 = 11 + 62 + 121 + 262 + 270 \\ 726 &:= 1^1 + 7^0 + 16^2 + 21^2 + 27^1 = 11 + 70 + 162 + 212 + 271 \\ 726 &:= 1^1 + 9^0 + 11^2 + 24^2 + 27^1 = 11 + 90 + 112 + 242 + 271 \\ 726 &:= 1^1 + 9^0 + 13^2 + 23^2 + 26^1 = 11 + 90 + 132 + 232 + 261 \\ 726 &:= 1^1 + 9^2 + 18^1 + 19^0 + 25^2 = 11 + 92 + 181 + 190 + 252 \\ 726 &:= 1^5 + 2^8 + 20^0 + 21^2 + 27^1 = 15 + 28 + 200 + 212 + 271 \\ 726 &:= 1^6 + 2^7 + 20^1 + 24^0 + 24^2 = 16 + 27 + 201 + 240 + 242 \\ 726 &:= 1^8 + 2^5 + 16^1 + 26^0 + 26^2 = 18 + 25 + 161 + 260 + 262 \end{aligned}$$

$$\begin{aligned} 726 &:= 1^9 + 3^4 + 18^1 + 24^0 + 25^2 = 19 + 34 + 181 + 240 + 252 \\ 726 &:= 1^9 + 4^4 + 18^0 + 21^2 + 27^1 = 19 + 44 + 180 + 212 + 271 \\ 726 &:= 10^0 + 12^2 + 16^0 + 16^2 + 18^2 = 100 + 122 + 160 + 162 + 182 \\ 726 &:= 11^0 + 12^2 + 15^0 + 16^2 + 18^2 = 110 + 122 + 150 + 162 + 182 \\ 726 &:= 12^0 + 12^2 + 14^0 + 16^2 + 18^2 = 120 + 122 + 140 + 162 + 182 \\ 726 &:= 12^2 + 13^0 + 13^0 + 16^2 + 18^2 = 122 + 130 + 130 + 162 + 182 \\ 726 &:= 2^0 + 12^2 + 16^2 + 18^2 + 24^0 = 20 + 122 + 162 + 182 + 240 \\ 726 &:= 2^0 + 3^3 + 20^0 + 21^1 + 26^2 = 20 + 33 + 200 + 211 + 262 \\ 726 &:= 2^0 + 5^3 + 18^0 + 23^1 + 24^2 = 20 + 53 + 180 + 231 + 242 \\ 726 &:= 2^0 + 6^3 + 18^0 + 22^2 + 24^1 = 20 + 63 + 180 + 222 + 241 \\ 726 &:= 2^0 + 7^3 + 19^2 + 20^1 + 24^0 = 20 + 73 + 192 + 201 + 240 \\ 726 &:= 2^1 + 14^1 + 15^2 + 19^0 + 22^2 = 21 + 141 + 152 + 190 + 222 \\ 726 &:= 2^1 + 5^2 + 17^0 + 22^1 + 26^2 = 21 + 52 + 170 + 221 + 262 \\ 726 &:= 2^1 + 6^2 + 11^1 + 26^2 + 27^0 = 21 + 62 + 111 + 262 + 270 \\ 726 &:= 2^1 + 7^0 + 16^2 + 21^2 + 26^1 = 21 + 70 + 162 + 212 + 261 \\ 726 &:= 2^1 + 9^0 + 11^2 + 24^2 + 26^1 = 21 + 90 + 112 + 242 + 261 \\ 726 &:= 2^1 + 9^0 + 13^2 + 23^2 + 25^1 = 21 + 90 + 132 + 232 + 251 \\ 726 &:= 2^1 + 9^2 + 17^1 + 19^0 + 25^2 = 21 + 92 + 171 + 190 + 252 \\ 726 &:= 2^2 + 10^0 + 12^2 + 24^0 + 24^2 = 22 + 100 + 122 + 240 + 242 \\ 726 &:= 2^2 + 11^0 + 12^2 + 23^0 + 24^2 = 22 + 110 + 122 + 230 + 242 \\ 726 &:= 2^2 + 12^0 + 12^2 + 22^0 + 24^2 = 22 + 120 + 122 + 220 + 242 \\ 726 &:= 2^2 + 12^2 + 13^0 + 21^0 + 24^2 = 22 + 122 + 130 + 210 + 242 \\ 726 &:= 2^2 + 12^2 + 14^0 + 20^0 + 24^2 = 22 + 122 + 140 + 200 + 242 \\ 726 &:= 2^2 + 12^2 + 15^0 + 19^0 + 24^2 = 22 + 122 + 150 + 190 + 242 \\ 726 &:= 2^2 + 12^2 + 16^0 + 18^0 + 24^2 = 22 + 122 + 160 + 180 + 242 \\ 726 &:= 2^2 + 12^2 + 17^0 + 17^0 + 24^2 = 22 + 122 + 170 + 170 + 242 \\ 726 &:= 2^2 + 7^0 + 12^2 + 24^2 + 27^0 = 22 + 70 + 122 + 242 + 270 \\ 726 &:= 2^2 + 8^0 + 12^2 + 24^2 + 26^0 = 22 + 80 + 122 + 242 + 260 \\ 726 &:= 2^2 + 9^0 + 12^2 + 24^2 + 25^0 = 22 + 90 + 122 + 242 + 250 \\ 726 &:= 3^0 + 12^2 + 16^2 + 18^2 + 23^0 = 30 + 122 + 162 + 182 + 230 \\ 726 &:= 3^0 + 3^2 + 13^1 + 26^2 + 27^1 = 30 + 32 + 131 + 262 + 271 \end{aligned}$$

$$\begin{aligned} 726 &:= 3^0 + 3^2 + 14^1 + 26^1 + 26^2 = 30 + 32 + 141 + 261 + 262 & 726 &:= 4^0 + 6^3 + 16^0 + 22^2 + 24^1 = 40 + 63 + 160 + 222 + 241 \\ 726 &:= 3^0 + 3^2 + 15^1 + 25^1 + 26^2 = 30 + 32 + 151 + 251 + 262 & 726 &:= 4^0 + 7^3 + 19^2 + 20^1 + 22^0 = 40 + 73 + 192 + 201 + 220 \\ 726 &:= 3^0 + 3^2 + 16^1 + 24^1 + 26^2 = 30 + 32 + 161 + 241 + 262 & 726 &:= 4^1 + 12^1 + 15^2 + 19^0 + 22^2 = 41 + 121 + 152 + 190 + 222 \\ 726 &:= 3^0 + 3^2 + 17^1 + 23^1 + 26^2 = 30 + 32 + 171 + 231 + 262 & 726 &:= 4^1 + 5^2 + 17^0 + 20^1 + 26^2 = 41 + 52 + 170 + 201 + 262 \\ 726 &:= 3^0 + 3^2 + 18^1 + 22^1 + 26^2 = 30 + 32 + 181 + 221 + 262 & 726 &:= 4^1 + 6^2 + 9^1 + 26^2 + 27^0 = 41 + 62 + 91 + 262 + 270 \\ 726 &:= 3^0 + 3^2 + 19^1 + 21^1 + 26^2 = 30 + 32 + 191 + 211 + 262 & 726 &:= 4^1 + 7^0 + 16^2 + 21^2 + 24^1 = 41 + 70 + 162 + 212 + 241 \\ 726 &:= 3^0 + 3^2 + 20^1 + 20^1 + 26^2 = 30 + 32 + 201 + 201 + 262 & 726 &:= 4^1 + 9^0 + 11^2 + 24^1 + 24^2 = 41 + 90 + 112 + 241 + 242 \\ 726 &:= 3^0 + 3^3 + 19^0 + 21^1 + 26^2 = 30 + 33 + 190 + 211 + 262 & 726 &:= 4^1 + 9^0 + 13^2 + 23^1 + 23^2 = 41 + 90 + 132 + 231 + 232 \\ 726 &:= 3^0 + 5^3 + 17^0 + 23^1 + 24^2 = 30 + 53 + 170 + 231 + 242 & 726 &:= 4^1 + 9^2 + 15^1 + 19^0 + 25^2 = 41 + 92 + 151 + 190 + 252 \\ 726 &:= 3^0 + 6^3 + 17^0 + 22^2 + 24^1 = 30 + 63 + 170 + 222 + 241 & 726 &:= 4^2 + 6^1 + 9^0 + 26^2 + 27^1 = 42 + 61 + 90 + 262 + 271 \\ 726 &:= 3^0 + 7^3 + 19^2 + 20^1 + 23^0 = 30 + 73 + 192 + 201 + 230 & 726 &:= 4^2 + 7^1 + 9^0 + 26^1 + 26^2 = 42 + 71 + 90 + 261 + 262 \\ 726 &:= 3^0 + 8^2 + 10^1 + 25^2 + 26^1 = 30 + 82 + 101 + 252 + 261 & 726 &:= 4^2 + 8^1 + 9^0 + 25^1 + 26^2 = 42 + 81 + 90 + 251 + 262 \\ 726 &:= 3^0 + 8^2 + 11^1 + 25^1 + 25^2 = 30 + 82 + 111 + 251 + 252 & 726 &:= 4^2 + 9^0 + 10^1 + 23^1 + 26^2 = 42 + 90 + 101 + 231 + 262 \\ 726 &:= 3^0 + 8^2 + 12^1 + 24^1 + 25^2 = 30 + 82 + 121 + 241 + 252 & 726 &:= 4^2 + 9^0 + 11^1 + 22^1 + 26^2 = 42 + 90 + 111 + 221 + 262 \\ 726 &:= 3^0 + 8^2 + 13^1 + 23^1 + 25^2 = 30 + 82 + 131 + 231 + 252 & 726 &:= 4^2 + 9^0 + 12^1 + 21^1 + 26^2 = 42 + 90 + 121 + 211 + 262 \\ 726 &:= 3^0 + 8^2 + 14^1 + 22^1 + 25^2 = 30 + 82 + 141 + 221 + 252 & 726 &:= 4^2 + 9^0 + 13^1 + 20^1 + 26^2 = 42 + 90 + 131 + 201 + 262 \\ 726 &:= 3^0 + 8^2 + 15^1 + 21^1 + 25^2 = 30 + 82 + 151 + 211 + 252 & 726 &:= 4^2 + 9^0 + 14^1 + 19^1 + 26^2 = 42 + 90 + 141 + 191 + 262 \\ 726 &:= 3^0 + 8^2 + 16^1 + 20^1 + 25^2 = 30 + 82 + 161 + 201 + 252 & 726 &:= 4^2 + 9^0 + 15^1 + 18^1 + 26^2 = 42 + 90 + 151 + 181 + 262 \\ 726 &:= 3^0 + 8^2 + 17^1 + 19^1 + 25^2 = 30 + 82 + 171 + 191 + 252 & 726 &:= 4^2 + 9^0 + 16^1 + 17^1 + 26^2 = 42 + 90 + 161 + 171 + 262 \\ 726 &:= 3^0 + 8^2 + 18^1 + 18^1 + 25^2 = 30 + 82 + 181 + 181 + 252 & 726 &:= 4^2 + 9^0 + 9^1 + 24^1 + 26^2 = 42 + 90 + 91 + 241 + 262 \\ 726 &:= 3^0 + 8^2 + 9^1 + 25^2 + 27^1 = 30 + 82 + 91 + 252 + 271 & 726 &:= 5^0 + 12^2 + 16^2 + 18^2 + 21^0 = 50 + 122 + 162 + 182 + 210 \\ 726 &:= 3^1 + 13^1 + 15^2 + 19^0 + 22^2 = 31 + 131 + 152 + 190 + 222 & 726 &:= 5^0 + 5^3 + 15^0 + 23^1 + 24^2 = 50 + 53 + 150 + 231 + 242 \\ 726 &:= 3^1 + 5^2 + 17^0 + 21^1 + 26^2 = 31 + 52 + 170 + 211 + 262 & 726 &:= 5^0 + 6^3 + 15^0 + 22^2 + 24^1 = 50 + 63 + 150 + 222 + 241 \\ 726 &:= 3^1 + 6^2 + 10^1 + 26^2 + 27^0 = 31 + 62 + 101 + 262 + 270 & 726 &:= 5^0 + 7^3 + 19^2 + 20^1 + 21^0 = 50 + 73 + 192 + 201 + 210 \\ 726 &:= 3^1 + 7^0 + 16^2 + 21^2 + 25^1 = 31 + 70 + 162 + 212 + 251 & 726 &:= 5^1 + 11^1 + 15^2 + 19^0 + 22^2 = 51 + 111 + 152 + 190 + 222 \\ 726 &:= 3^1 + 9^0 + 11^2 + 24^2 + 25^1 = 31 + 90 + 112 + 242 + 251 & 726 &:= 5^1 + 5^2 + 17^0 + 19^1 + 26^2 = 51 + 52 + 170 + 191 + 262 \\ 726 &:= 3^1 + 9^0 + 13^2 + 23^2 + 24^1 = 31 + 90 + 132 + 232 + 241 & 726 &:= 5^1 + 6^2 + 8^1 + 26^2 + 27^0 = 51 + 62 + 81 + 262 + 270 \\ 726 &:= 3^1 + 9^2 + 16^1 + 19^0 + 25^2 = 31 + 92 + 161 + 190 + 252 & 726 &:= 5^1 + 7^0 + 16^2 + 21^2 + 23^1 = 51 + 70 + 162 + 212 + 231 \\ 726 &:= 3^3 + 10^0 + 12^0 + 21^1 + 26^2 = 33 + 100 + 120 + 211 + 262 & 726 &:= 5^1 + 9^0 + 11^2 + 23^1 + 24^2 = 51 + 90 + 112 + 231 + 242 \\ 726 &:= 3^3 + 11^0 + 11^0 + 21^1 + 26^2 = 33 + 110 + 110 + 211 + 262 & 726 &:= 5^1 + 9^0 + 13^2 + 22^1 + 23^2 = 51 + 90 + 132 + 221 + 232 \\ 726 &:= 3^3 + 4^0 + 18^0 + 21^1 + 26^2 = 33 + 40 + 180 + 211 + 262 & 726 &:= 5^1 + 9^2 + 14^1 + 19^0 + 25^2 = 51 + 92 + 141 + 190 + 252 \\ 726 &:= 3^3 + 5^0 + 17^0 + 21^1 + 26^2 = 33 + 50 + 170 + 211 + 262 & 726 &:= 5^2 + 10^1 + 14^1 + 17^0 + 26^2 = 52 + 101 + 141 + 170 + 262 \\ 726 &:= 3^3 + 6^0 + 16^0 + 21^1 + 26^2 = 33 + 60 + 160 + 211 + 262 & 726 &:= 5^2 + 11^1 + 13^1 + 17^0 + 26^2 = 52 + 111 + 131 + 170 + 262 \\ 726 &:= 3^3 + 7^0 + 15^0 + 21^1 + 26^2 = 33 + 70 + 150 + 211 + 262 & 726 &:= 5^2 + 12^1 + 12^1 + 17^0 + 26^2 = 52 + 121 + 121 + 170 + 262 \\ 726 &:= 3^3 + 8^0 + 14^0 + 21^1 + 26^2 = 33 + 80 + 140 + 211 + 262 & 726 &:= 5^2 + 6^1 + 17^0 + 18^1 + 26^2 = 52 + 61 + 170 + 181 + 262 \\ 726 &:= 3^3 + 9^0 + 13^0 + 21^1 + 26^2 = 33 + 90 + 130 + 211 + 262 & 726 &:= 5^2 + 7^1 + 17^0 + 17^1 + 26^2 = 52 + 71 + 170 + 171 + 262 \\ 726 &:= 4^0 + 12^2 + 16^2 + 18^2 + 22^0 = 40 + 122 + 162 + 182 + 220 & 726 &:= 5^2 + 8^1 + 16^1 + 17^0 + 26^2 = 52 + 81 + 161 + 170 + 262 \\ 726 &:= 4^0 + 5^3 + 16^0 + 23^1 + 24^2 = 40 + 53 + 160 + 231 + 242 & 726 &:= 5^2 + 9^1 + 15^1 + 17^0 + 26^2 = 52 + 91 + 151 + 170 + 262 \end{aligned}$$

$$\begin{aligned} 726 &:= 5^3 + 10^0 + 10^0 + 23^1 + 24^2 = 53 + 100 + 100 + 231 + 242 & 726 &:= 7^3 + 11^0 + 15^0 + 19^2 + 20^1 = 73 + 110 + 150 + 192 + 201 \\ 726 &:= 5^3 + 6^0 + 14^0 + 23^1 + 24^2 = 53 + 60 + 140 + 231 + 242 & 726 &:= 7^3 + 12^0 + 14^0 + 19^2 + 20^1 = 73 + 120 + 140 + 192 + 201 \\ 726 &:= 5^3 + 7^0 + 13^0 + 23^1 + 24^2 = 53 + 70 + 130 + 231 + 242 & 726 &:= 7^3 + 13^0 + 13^0 + 19^2 + 20^1 = 73 + 130 + 130 + 192 + 201 \\ 726 &:= 5^3 + 8^0 + 12^0 + 23^1 + 24^2 = 53 + 80 + 120 + 231 + 242 & 726 &:= 7^3 + 8^0 + 18^0 + 19^2 + 20^1 = 73 + 80 + 180 + 192 + 201 \\ 726 &:= 5^3 + 9^0 + 11^0 + 23^1 + 24^2 = 53 + 90 + 110 + 231 + 242 & 726 &:= 7^3 + 9^0 + 17^0 + 19^2 + 20^1 = 73 + 90 + 170 + 192 + 201 \\ 726 &:= 6^0 + 12^2 + 16^2 + 18^2 + 20^0 = 60 + 122 + 162 + 182 + 200 & 726 &:= 8^0 + 12^2 + 16^2 + 18^0 + 18^2 = 80 + 122 + 162 + 180 + 182 \\ 726 &:= 6^0 + 6^3 + 14^0 + 22^2 + 24^1 = 60 + 63 + 140 + 222 + 241 & 726 &:= 8^0 + 8^3 + 14^2 + 16^1 + 26^0 = 80 + 83 + 142 + 161 + 260 \\ 726 &:= 6^0 + 7^3 + 19^2 + 20^0 + 20^1 = 60 + 73 + 192 + 200 + 201 & 726 &:= 8^1 + 8^1 + 15^2 + 19^0 + 22^2 = 81 + 81 + 152 + 190 + 222 \\ 726 &:= 6^1 + 10^1 + 15^2 + 19^0 + 22^2 = 61 + 101 + 152 + 190 + 222 & 726 &:= 8^1 + 9^0 + 11^2 + 20^1 + 24^2 = 81 + 90 + 112 + 201 + 242 \\ 726 &:= 6^1 + 6^2 + 7^1 + 26^2 + 27^0 = 61 + 62 + 71 + 262 + 270 & 726 &:= 8^1 + 9^0 + 13^2 + 19^1 + 23^2 = 81 + 90 + 132 + 191 + 232 \\ 726 &:= 6^1 + 7^0 + 16^2 + 21^2 + 22^1 = 61 + 70 + 162 + 212 + 221 & 726 &:= 8^1 + 9^2 + 11^1 + 19^0 + 25^2 = 81 + 92 + 111 + 190 + 252 \\ 726 &:= 6^1 + 9^0 + 11^2 + 22^1 + 24^2 = 61 + 90 + 112 + 221 + 242 & 726 &:= 8^3 + 10^0 + 14^2 + 16^1 + 24^0 = 83 + 100 + 142 + 161 + 240 \\ 726 &:= 6^1 + 9^0 + 13^2 + 21^1 + 23^2 = 61 + 90 + 132 + 211 + 232 & 726 &:= 8^3 + 11^0 + 14^2 + 16^1 + 23^0 = 83 + 110 + 142 + 161 + 230 \\ 726 &:= 6^1 + 9^2 + 13^1 + 19^0 + 25^2 = 61 + 92 + 131 + 190 + 252 & 726 &:= 8^3 + 12^0 + 14^2 + 16^1 + 22^0 = 83 + 120 + 142 + 161 + 220 \\ 726 &:= 6^3 + 10^0 + 10^0 + 22^2 + 24^1 = 63 + 100 + 100 + 222 + 241 & 726 &:= 8^3 + 13^0 + 14^2 + 16^1 + 21^0 = 83 + 130 + 142 + 161 + 210 \\ 726 &:= 6^3 + 7^0 + 13^0 + 22^2 + 24^1 = 63 + 70 + 130 + 222 + 241 & 726 &:= 8^3 + 14^0 + 14^2 + 16^1 + 20^0 = 83 + 140 + 142 + 161 + 200 \\ 726 &:= 6^3 + 8^0 + 12^0 + 22^2 + 24^1 = 63 + 80 + 120 + 222 + 241 & 726 &:= 8^3 + 14^2 + 15^0 + 16^1 + 19^0 = 83 + 142 + 150 + 161 + 190 \\ 726 &:= 6^3 + 9^0 + 11^0 + 22^2 + 24^1 = 63 + 90 + 110 + 222 + 241 & 726 &:= 8^3 + 14^2 + 16^0 + 16^1 + 18^0 = 83 + 142 + 160 + 161 + 180 \\ 726 &:= 7^0 + 10^1 + 16^2 + 18^1 + 21^2 = 70 + 101 + 162 + 181 + 212 & 726 &:= 8^3 + 14^2 + 16^1 + 17^0 + 17^0 = 83 + 142 + 161 + 170 + 170 \\ 726 &:= 7^0 + 11^1 + 16^2 + 17^1 + 21^2 = 70 + 111 + 162 + 171 + 212 & 726 &:= 8^3 + 9^0 + 14^2 + 16^1 + 25^0 = 83 + 90 + 142 + 161 + 250 \\ 726 &:= 7^0 + 12^1 + 16^1 + 16^2 + 21^2 = 70 + 121 + 161 + 162 + 212 & 726 &:= 9^0 + 10^1 + 11^2 + 18^1 + 24^2 = 90 + 101 + 112 + 181 + 242 \\ 726 &:= 7^0 + 12^2 + 16^2 + 18^2 + 19^0 = 70 + 122 + 162 + 182 + 190 & 726 &:= 9^0 + 10^1 + 13^2 + 17^1 + 23^2 = 90 + 101 + 132 + 171 + 232 \\ 726 &:= 7^0 + 13^1 + 15^1 + 16^2 + 21^2 = 70 + 131 + 151 + 162 + 212 & 726 &:= 9^0 + 11^1 + 11^2 + 17^1 + 24^2 = 90 + 111 + 112 + 171 + 242 \\ 726 &:= 7^0 + 14^1 + 14^1 + 16^2 + 21^2 = 70 + 141 + 141 + 162 + 212 & 726 &:= 9^0 + 11^1 + 13^2 + 16^1 + 23^2 = 90 + 111 + 132 + 161 + 232 \\ 726 &:= 7^0 + 7^1 + 16^2 + 21^1 + 21^2 = 70 + 71 + 162 + 211 + 212 & 726 &:= 9^0 + 11^2 + 12^1 + 16^1 + 24^2 = 90 + 112 + 121 + 161 + 242 \\ 726 &:= 7^0 + 7^3 + 19^0 + 19^2 + 20^1 = 70 + 73 + 190 + 192 + 201 & 726 &:= 9^0 + 11^2 + 13^1 + 15^1 + 24^2 = 90 + 112 + 131 + 151 + 242 \\ 726 &:= 7^0 + 8^1 + 16^2 + 20^1 + 21^2 = 70 + 81 + 162 + 201 + 212 & 726 &:= 9^0 + 11^2 + 14^1 + 14^1 + 24^2 = 90 + 112 + 141 + 141 + 242 \\ 726 &:= 7^0 + 8^3 + 14^2 + 16^1 + 27^0 = 70 + 83 + 142 + 161 + 270 & 726 &:= 9^0 + 12^1 + 13^2 + 15^1 + 23^2 = 90 + 121 + 132 + 151 + 232 \\ 726 &:= 7^0 + 9^1 + 16^2 + 19^1 + 21^2 = 70 + 91 + 162 + 191 + 212 & 726 &:= 9^0 + 12^2 + 16^2 + 17^0 + 18^2 = 90 + 122 + 162 + 170 + 182 \\ 726 &:= 7^1 + 9^0 + 11^2 + 21^1 + 24^2 = 71 + 90 + 112 + 211 + 242 & 726 &:= 9^0 + 13^1 + 13^2 + 14^1 + 23^2 = 90 + 131 + 132 + 141 + 232 \\ 726 &:= 7^1 + 9^0 + 13^2 + 20^1 + 23^2 = 71 + 90 + 132 + 201 + 232 & 726 &:= 9^0 + 9^1 + 11^2 + 19^1 + 24^2 = 90 + 91 + 112 + 191 + 242 \\ 726 &:= 7^1 + 9^1 + 15^2 + 19^0 + 22^2 = 71 + 91 + 152 + 190 + 222 & 726 &:= 9^0 + 9^1 + 13^2 + 18^1 + 23^2 = 90 + 91 + 132 + 181 + 232 \\ 726 &:= 7^1 + 9^2 + 12^1 + 19^0 + 25^2 = 71 + 92 + 121 + 190 + 252 & 726 &:= 9^1 + 9^2 + 10^1 + 19^0 + 25^2 = 91 + 92 + 101 + 190 + 252 \\ 726 &:= 7^3 + 10^0 + 16^0 + 19^2 + 20^1 = 73 + 100 + 160 + 192 + 201 \end{aligned}$$

2.2.628 Number 727

$$\begin{aligned}
 727 &:= 1^1 + 5^4 + 10^2 + 56^0 &= 11 + 54 + 102 + 560 & 727 &:= 10^2 + 12^0 + 13^2 + 16^1 + 21^2 = 102 + 120 + 132 + 161 + 212 \\
 727 &:= 1^3 + 10^2 + 25^2 + 36^0 &= 13 + 102 + 252 + 360 & 727 &:= 10^2 + 13^1 + 14^0 + 17^2 + 18^2 = 102 + 131 + 140 + 172 + 182 \\
 727 &:= 1^3 + 14^2 + 23^2 + 34^0 &= 13 + 142 + 232 + 340 & 727 &:= 12^1 + 13^2 + 14^0 + 16^2 + 17^2 = 121 + 132 + 140 + 162 + 172 \\
 727 &:= 1^3 + 7^2 + 26^2 + 38^0 &= 13 + 72 + 262 + 380 & 727 &:= 12^2 + 13^1 + 13^2 + 14^0 + 20^2 = 122 + 131 + 132 + 140 + 202 \\
 727 &:= 2^4 + 10^0 + 26^2 + 34^1 &= 24 + 100 + 262 + 341 & 727 &:= 2^0 + 11^2 + 16^2 + 18^2 + 25^1 = 20 + 112 + 162 + 182 + 251 \\
 727 &:= 3^4 + 20^1 + 24^0 + 25^2 &= 34 + 201 + 240 + 252 & 727 &:= 2^0 + 12^2 + 14^2 + 19^2 + 25^1 = 20 + 122 + 142 + 192 + 251 \\
 727 &:= 4^4 + 18^0 + 21^2 + 29^1 &= 44 + 180 + 212 + 291 & 727 &:= 2^0 + 2^3 + 15^1 + 26^2 + 27^1 = 20 + 23 + 151 + 262 + 271 \\
 727 &:= 5^2 + 5^3 + 24^2 + 38^0 &= 52 + 53 + 242 + 380 & 727 &:= 2^0 + 2^3 + 16^1 + 26^1 + 26^2 = 20 + 23 + 161 + 261 + 262 \\
 727 &:= 5^4 + 7^2 + 8^0 + 52^1 &= 54 + 72 + 80 + 521 & 727 &:= 2^0 + 2^3 + 17^1 + 25^1 + 26^2 = 20 + 23 + 171 + 251 + 262 \\
 727 &:= 5^4 + 8^2 + 22^0 + 37^1 &= 54 + 82 + 220 + 371 & 727 &:= 2^0 + 2^3 + 18^1 + 24^1 + 26^2 = 20 + 23 + 181 + 241 + 262 \\
 727 &:= 5^4 + 9^2 + 20^1 + 38^0 &= 54 + 92 + 201 + 380 & 727 &:= 2^0 + 2^3 + 19^1 + 23^1 + 26^2 = 20 + 23 + 191 + 231 + 262 \\
 727 &:= 7^3 + 7^3 + 18^0 + 40^1 &= 73 + 73 + 180 + 401 & 727 &:= 2^0 + 2^3 + 20^1 + 22^1 + 26^2 = 20 + 23 + 201 + 221 + 262 \\
 727 &:= 1^0 + 3^4 + 19^1 + 24^0 + 25^2 &= 10 + 34 + 191 + 240 + 252 & 727 &:= 2^0 + 2^3 + 21^1 + 21^1 + 26^2 = 20 + 23 + 211 + 211 + 262 \\
 727 &:= 1^1 + 10^2 + 15^2 + 20^2 + 26^0 &= 11 + 102 + 152 + 202 + 260 & 727 &:= 2^0 + 3^4 + 19^1 + 23^0 + 25^2 = 20 + 34 + 191 + 230 + 252 \\
 727 &:= 1^1 + 3^3 + 20^0 + 22^1 + 26^2 &= 11 + 33 + 200 + 221 + 262 & 727 &:= 2^0 + 7^2 + 17^2 + 19^2 + 27^1 = 20 + 72 + 172 + 192 + 271 \\
 727 &:= 1^1 + 5^3 + 18^0 + 24^1 + 24^2 &= 11 + 53 + 180 + 241 + 242 & 727 &:= 2^1 + 12^2 + 16^2 + 18^2 + 24^0 = 21 + 122 + 162 + 182 + 240 \\
 727 &:= 1^1 + 6^3 + 18^0 + 22^2 + 25^1 &= 11 + 63 + 180 + 222 + 251 & 727 &:= 2^1 + 3^3 + 20^0 + 21^1 + 26^2 = 21 + 33 + 200 + 211 + 262 \\
 727 &:= 1^1 + 7^3 + 19^2 + 21^1 + 24^0 &= 11 + 73 + 192 + 211 + 240 & 727 &:= 2^1 + 5^3 + 18^0 + 23^1 + 24^2 = 21 + 53 + 180 + 231 + 242 \\
 727 &:= 1^2 + 15^2 + 16^1 + 18^0 + 22^2 &= 12 + 152 + 161 + 180 + 222 & 727 &:= 2^1 + 6^3 + 18^0 + 22^2 + 24^1 = 21 + 63 + 180 + 222 + 241 \\
 727 &:= 1^2 + 5^2 + 16^0 + 24^1 + 26^2 &= 12 + 52 + 160 + 241 + 262 & 727 &:= 2^1 + 7^3 + 19^2 + 20^1 + 24^0 = 21 + 73 + 192 + 201 + 240 \\
 727 &:= 1^2 + 6^2 + 13^1 + 26^0 + 26^2 &= 12 + 62 + 131 + 260 + 262 & 727 &:= 2^2 + 10^0 + 11^2 + 24^2 + 25^1 = 22 + 100 + 112 + 242 + 251 \\
 727 &:= 1^2 + 8^0 + 13^2 + 23^2 + 27^1 &= 12 + 80 + 132 + 232 + 271 & 727 &:= 2^2 + 10^0 + 13^2 + 23^2 + 24^1 = 22 + 100 + 132 + 232 + 241 \\
 727 &:= 1^2 + 9^2 + 18^0 + 19^1 + 25^2 &= 12 + 92 + 180 + 191 + 252 & 727 &:= 2^2 + 13^1 + 15^2 + 20^0 + 22^2 = 22 + 131 + 152 + 200 + 222 \\
 727 &:= 1^3 + 10^0 + 18^2 + 20^2 + 23^0 &= 13 + 100 + 182 + 202 + 230 & 727 &:= 2^2 + 5^2 + 18^0 + 21^1 + 26^2 = 22 + 52 + 180 + 211 + 262 \\
 727 &:= 1^3 + 11^0 + 18^2 + 20^2 + 22^0 &= 13 + 110 + 182 + 202 + 220 & 727 &:= 2^2 + 8^0 + 16^2 + 21^2 + 25^1 = 22 + 80 + 162 + 212 + 251 \\
 727 &:= 1^3 + 12^0 + 18^2 + 20^2 + 21^0 &= 13 + 120 + 182 + 202 + 210 & 727 &:= 2^2 + 9^2 + 16^1 + 20^0 + 25^2 = 22 + 92 + 161 + 200 + 252 \\
 727 &:= 1^3 + 13^0 + 18^2 + 20^0 + 20^2 &= 13 + 130 + 182 + 200 + 202 & 727 &:= 3^0 + 3^4 + 19^1 + 22^0 + 25^2 = 30 + 34 + 191 + 220 + 252 \\
 727 &:= 1^3 + 14^0 + 18^2 + 19^0 + 20^2 &= 13 + 140 + 182 + 190 + 202 & 727 &:= 3^1 + 3^3 + 20^0 + 20^1 + 26^2 = 31 + 33 + 200 + 201 + 262 \\
 727 &:= 1^3 + 15^0 + 18^0 + 18^2 + 20^2 &= 13 + 150 + 180 + 182 + 202 & 727 &:= 3^1 + 5^3 + 18^0 + 22^1 + 24^2 = 31 + 53 + 180 + 221 + 242 \\
 727 &:= 1^3 + 16^0 + 17^0 + 18^2 + 20^2 &= 13 + 160 + 170 + 182 + 202 & 727 &:= 3^1 + 6^3 + 18^0 + 22^2 + 23^1 = 31 + 63 + 180 + 222 + 231 \\
 727 &:= 1^3 + 6^0 + 18^2 + 20^2 + 27^0 &= 13 + 60 + 182 + 202 + 270 & 727 &:= 3^1 + 7^3 + 19^1 + 19^2 + 24^0 = 31 + 73 + 191 + 192 + 240 \\
 727 &:= 1^3 + 7^0 + 18^2 + 20^2 + 26^0 &= 13 + 70 + 182 + 202 + 260 & 727 &:= 3^2 + 11^2 + 14^0 + 20^1 + 24^2 = 32 + 112 + 140 + 201 + 242 \\
 727 &:= 1^3 + 8^0 + 18^2 + 20^2 + 25^0 &= 13 + 80 + 182 + 202 + 250 & 727 &:= 3^2 + 12^0 + 16^2 + 20^1 + 21^2 = 32 + 120 + 162 + 201 + 212 \\
 727 &:= 1^3 + 9^0 + 18^2 + 20^2 + 24^0 &= 13 + 90 + 182 + 202 + 240 & 727 &:= 3^2 + 13^2 + 14^0 + 19^1 + 23^2 = 32 + 132 + 140 + 191 + 232 \\
 727 &:= 1^7 + 2^7 + 21^1 + 23^0 + 24^2 &= 17 + 27 + 211 + 230 + 242 & 727 &:= 3^2 + 4^2 + 14^0 + 25^1 + 26^2 = 32 + 42 + 140 + 251 + 262 \\
 727 &:= 1^9 + 2^5 + 17^1 + 25^0 + 26^2 &= 19 + 25 + 171 + 250 + 262 & 727 &:= 3^2 + 5^2 + 16^1 + 22^0 + 26^2 = 32 + 52 + 161 + 220 + 262 \\
 727 &:= 10^0 + 14^2 + 15^2 + 16^1 + 17^2 &= 100 + 142 + 152 + 161 + 172 & 727 &:= 3^2 + 8^1 + 15^2 + 22^2 + 24^0 = 32 + 81 + 152 + 222 + 240 \\
 727 &:= 10^1 + 14^2 + 14^2 + 16^0 + 18^2 &= 101 + 142 + 142 + 160 + 182 & 727 &:= 3^2 + 9^2 + 11^1 + 24^0 + 25^2 = 32 + 92 + 111 + 240 + 252
 \end{aligned}$$

$$\begin{aligned}
 727 &:= 3^3 + 10^0 + 13^2 + 23^0 + 23^2 = 33 + 100 + 132 + 230 + 232 & 727 &:= 4^2 + 12^1 + 13^2 + 20^0 + 23^2 = 42 + 121 + 132 + 200 + 232 \\
 727 &:= 3^3 + 10^1 + 13^1 + 20^0 + 26^2 = 33 + 101 + 131 + 200 + 262 & 727 &:= 4^2 + 13^1 + 16^2 + 18^0 + 21^2 = 42 + 131 + 162 + 180 + 212 \\
 727 &:= 3^3 + 11^0 + 13^2 + 22^0 + 23^2 = 33 + 110 + 132 + 220 + 232 & 727 &:= 4^2 + 4^2 + 18^1 + 20^0 + 26^2 = 42 + 42 + 181 + 200 + 262 \\
 727 &:= 3^3 + 11^1 + 12^1 + 20^0 + 26^2 = 33 + 111 + 121 + 200 + 262 & 727 &:= 4^2 + 6^0 + 18^2 + 19^2 + 25^1 = 42 + 60 + 182 + 192 + 251 \\
 727 &:= 3^3 + 12^0 + 13^2 + 21^0 + 23^2 = 33 + 120 + 132 + 210 + 232 & 727 &:= 4^2 + 8^2 + 14^0 + 21^1 + 25^2 = 42 + 82 + 140 + 211 + 252 \\
 727 &:= 3^3 + 13^0 + 13^2 + 20^0 + 23^2 = 33 + 130 + 132 + 200 + 232 & 727 &:= 4^3 + 6^0 + 10^1 + 25^2 + 27^1 = 43 + 60 + 101 + 252 + 271 \\
 727 &:= 3^3 + 13^2 + 14^0 + 19^0 + 23^2 = 33 + 132 + 140 + 190 + 232 & 727 &:= 4^3 + 6^0 + 11^1 + 25^2 + 26^1 = 43 + 60 + 111 + 252 + 261 \\
 727 &:= 3^3 + 13^2 + 15^0 + 18^0 + 23^2 = 33 + 132 + 150 + 180 + 232 & 727 &:= 4^3 + 6^0 + 12^1 + 25^1 + 25^2 = 43 + 60 + 121 + 251 + 252 \\
 727 &:= 3^3 + 13^2 + 16^0 + 17^0 + 23^2 = 33 + 132 + 160 + 170 + 232 & 727 &:= 4^3 + 6^0 + 13^1 + 24^1 + 25^2 = 43 + 60 + 131 + 241 + 252 \\
 727 &:= 3^3 + 4^1 + 19^1 + 20^0 + 26^2 = 33 + 41 + 191 + 200 + 262 & 727 &:= 4^3 + 6^0 + 14^1 + 23^1 + 25^2 = 43 + 60 + 141 + 231 + 252 \\
 727 &:= 3^3 + 5^1 + 18^1 + 20^0 + 26^2 = 33 + 51 + 181 + 200 + 262 & 727 &:= 4^3 + 6^0 + 15^1 + 22^1 + 25^2 = 43 + 60 + 151 + 221 + 252 \\
 727 &:= 3^3 + 6^0 + 13^2 + 23^2 + 27^0 = 33 + 60 + 132 + 232 + 270 & 727 &:= 4^3 + 6^0 + 16^1 + 21^1 + 25^2 = 43 + 60 + 161 + 211 + 252 \\
 727 &:= 3^3 + 6^1 + 17^1 + 20^0 + 26^2 = 33 + 61 + 171 + 200 + 262 & 727 &:= 4^3 + 6^0 + 17^1 + 20^1 + 25^2 = 43 + 60 + 171 + 201 + 252 \\
 727 &:= 3^3 + 7^0 + 13^2 + 23^2 + 26^0 = 33 + 70 + 132 + 232 + 260 & 727 &:= 4^3 + 6^0 + 18^1 + 19^1 + 25^2 = 43 + 60 + 181 + 191 + 252 \\
 727 &:= 3^3 + 7^1 + 16^1 + 20^0 + 26^2 = 33 + 71 + 161 + 200 + 262 & 727 &:= 4^3 + 6^2 + 10^0 + 25^2 + 27^0 = 43 + 62 + 100 + 252 + 270 \\
 727 &:= 3^3 + 8^0 + 13^2 + 23^2 + 25^0 = 33 + 80 + 132 + 232 + 250 & 727 &:= 4^3 + 6^2 + 11^0 + 25^2 + 26^0 = 43 + 62 + 110 + 252 + 260 \\
 727 &:= 3^3 + 8^1 + 15^1 + 20^0 + 26^2 = 33 + 81 + 151 + 200 + 262 & 727 &:= 4^3 + 6^2 + 12^0 + 25^0 + 25^2 = 43 + 62 + 120 + 250 + 252 \\
 727 &:= 3^3 + 9^0 + 13^2 + 23^2 + 24^0 = 33 + 90 + 132 + 232 + 240 & 727 &:= 4^3 + 6^2 + 13^0 + 24^0 + 25^2 = 43 + 62 + 130 + 240 + 252 \\
 727 &:= 3^3 + 9^1 + 14^1 + 20^0 + 26^2 = 33 + 91 + 141 + 200 + 262 & 727 &:= 4^3 + 6^2 + 14^0 + 23^0 + 25^2 = 43 + 62 + 140 + 230 + 252 \\
 727 &:= 3^4 + 10^0 + 15^0 + 19^1 + 25^2 = 34 + 100 + 150 + 191 + 252 & 727 &:= 4^3 + 6^2 + 15^0 + 22^0 + 25^2 = 43 + 62 + 150 + 220 + 252 \\
 727 &:= 3^4 + 11^0 + 14^0 + 19^1 + 25^2 = 34 + 110 + 140 + 191 + 252 & 727 &:= 4^3 + 6^2 + 16^0 + 21^0 + 25^2 = 43 + 62 + 160 + 210 + 252 \\
 727 &:= 3^4 + 12^0 + 13^0 + 19^1 + 25^2 = 34 + 120 + 130 + 191 + 252 & 727 &:= 4^3 + 6^2 + 17^0 + 20^0 + 25^2 = 43 + 62 + 170 + 200 + 252 \\
 727 &:= 3^4 + 4^0 + 19^1 + 21^0 + 25^2 = 34 + 40 + 191 + 210 + 252 & 727 &:= 4^3 + 6^2 + 18^0 + 19^0 + 25^2 = 43 + 62 + 180 + 190 + 252 \\
 727 &:= 3^4 + 5^0 + 19^1 + 20^0 + 25^2 = 34 + 50 + 191 + 200 + 252 & 727 &:= 5^1 + 5^3 + 18^0 + 20^1 + 24^2 = 51 + 53 + 180 + 201 + 242 \\
 727 &:= 3^4 + 6^0 + 19^0 + 19^1 + 25^2 = 34 + 60 + 190 + 191 + 252 & 727 &:= 5^1 + 6^2 + 18^2 + 19^2 + 24^0 = 51 + 62 + 182 + 192 + 240 \\
 727 &:= 3^4 + 7^0 + 18^0 + 19^1 + 25^2 = 34 + 70 + 180 + 191 + 252 & 727 &:= 5^1 + 6^3 + 18^0 + 21^1 + 22^2 = 51 + 63 + 180 + 211 + 222 \\
 727 &:= 3^4 + 8^0 + 17^0 + 19^1 + 25^2 = 34 + 80 + 170 + 191 + 252 & 727 &:= 5^1 + 7^3 + 17^1 + 19^2 + 24^0 = 51 + 73 + 171 + 192 + 240 \\
 727 &:= 3^4 + 9^0 + 16^0 + 19^1 + 25^2 = 34 + 90 + 160 + 191 + 252 & 727 &:= 5^1 + 8^2 + 9^2 + 24^2 + 26^0 = 51 + 82 + 92 + 242 + 260 \\
 727 &:= 4^0 + 7^2 + 11^2 + 23^2 + 27^1 = 40 + 72 + 112 + 232 + 271 & 727 &:= 5^2 + 10^0 + 14^2 + 21^1 + 22^2 = 52 + 100 + 142 + 211 + 222 \\
 727 &:= 4^0 + 8^2 + 14^2 + 21^2 + 25^1 = 40 + 82 + 142 + 212 + 251 & 727 &:= 5^2 + 12^1 + 17^2 + 18^0 + 20^2 = 52 + 121 + 172 + 180 + 202 \\
 727 &:= 4^1 + 12^2 + 17^2 + 17^2 + 22^0 = 41 + 122 + 172 + 172 + 220 & 727 &:= 5^2 + 14^0 + 16^1 + 18^2 + 19^2 = 52 + 140 + 161 + 182 + 192 \\
 727 &:= 4^1 + 5^2 + 16^2 + 21^2 + 26^0 = 41 + 52 + 162 + 212 + 260 & 727 &:= 5^2 + 6^3 + 12^0 + 22^2 + 27^0 = 52 + 63 + 120 + 222 + 270 \\
 727 &:= 4^1 + 5^3 + 18^0 + 21^1 + 24^2 = 41 + 53 + 180 + 211 + 242 & 727 &:= 5^2 + 6^3 + 13^0 + 22^2 + 26^0 = 52 + 63 + 130 + 222 + 260 \\
 727 &:= 4^1 + 6^3 + 18^0 + 22^1 + 22^2 = 41 + 63 + 180 + 221 + 222 & 727 &:= 5^2 + 6^3 + 14^0 + 22^2 + 25^0 = 52 + 63 + 140 + 222 + 250 \\
 727 &:= 4^1 + 7^2 + 12^2 + 23^2 + 26^0 = 41 + 72 + 122 + 232 + 260 & 727 &:= 5^2 + 6^3 + 15^0 + 22^2 + 24^0 = 52 + 63 + 150 + 222 + 240 \\
 727 &:= 4^1 + 7^3 + 18^1 + 19^2 + 24^0 = 41 + 73 + 181 + 192 + 240 & 727 &:= 5^2 + 6^3 + 16^0 + 22^2 + 23^0 = 52 + 63 + 160 + 222 + 230 \\
 727 &:= 4^2 + 10^0 + 17^2 + 20^2 + 21^1 = 42 + 100 + 172 + 202 + 211 & 727 &:= 5^2 + 6^3 + 17^0 + 22^0 + 22^2 = 52 + 63 + 170 + 220 + 222 \\
 727 &:= 4^2 + 11^2 + 13^1 + 20^0 + 24^2 = 42 + 112 + 131 + 200 + 242 & 727 &:= 5^2 + 6^3 + 18^0 + 21^0 + 22^2 = 52 + 63 + 180 + 210 + 222
 \end{aligned}$$

$$\begin{aligned}
 727 &:= 5^2 + 6^3 + 19^0 + 20^0 + 22^2 = 52 + 63 + 190 + 200 + 222 & 727 &:= 6^2 + 7^2 + 16^1 + 18^0 + 25^2 = 62 + 72 + 161 + 180 + 252 \\
 727 &:= 5^2 + 7^2 + 8^0 + 25^2 + 27^1 = 52 + 72 + 80 + 252 + 271 & 727 &:= 6^3 + 10^1 + 16^1 + 18^0 + 22^2 = 63 + 101 + 161 + 180 + 222 \\
 727 &:= 5^2 + 8^0 + 10^2 + 24^2 + 25^1 = 52 + 80 + 102 + 242 + 251 & 727 &:= 6^3 + 11^1 + 15^1 + 18^0 + 22^2 = 63 + 111 + 151 + 180 + 222 \\
 727 &:= 5^2 + 8^2 + 12^1 + 22^0 + 25^2 = 52 + 82 + 121 + 220 + 252 & 727 &:= 6^3 + 12^1 + 14^1 + 18^0 + 22^2 = 63 + 121 + 141 + 180 + 222 \\
 727 &:= 5^3 + 10^1 + 15^1 + 18^0 + 24^2 = 53 + 101 + 151 + 180 + 242 & 727 &:= 6^3 + 13^1 + 13^1 + 18^0 + 22^2 = 63 + 131 + 131 + 180 + 222 \\
 727 &:= 5^3 + 11^1 + 14^1 + 18^0 + 24^2 = 53 + 111 + 141 + 180 + 242 & 727 &:= 6^3 + 7^1 + 18^0 + 19^1 + 22^2 = 63 + 71 + 180 + 191 + 222 \\
 727 &:= 5^3 + 12^1 + 13^1 + 18^0 + 24^2 = 53 + 121 + 131 + 180 + 242 & 727 &:= 6^3 + 8^1 + 18^0 + 18^1 + 22^2 = 63 + 81 + 180 + 181 + 222 \\
 727 &:= 5^3 + 6^1 + 18^0 + 19^1 + 24^2 = 53 + 61 + 180 + 191 + 242 & 727 &:= 6^3 + 9^1 + 17^1 + 18^0 + 22^2 = 63 + 91 + 171 + 180 + 222 \\
 727 &:= 5^3 + 7^1 + 18^0 + 18^1 + 24^2 = 53 + 71 + 180 + 181 + 242 & 727 &:= 7^1 + 7^3 + 15^1 + 19^2 + 24^0 = 71 + 73 + 151 + 192 + 240 \\
 727 &:= 5^3 + 8^1 + 17^1 + 18^0 + 24^2 = 53 + 81 + 171 + 180 + 242 & 727 &:= 7^2 + 11^1 + 15^2 + 18^0 + 21^2 = 72 + 111 + 152 + 180 + 212 \\
 727 &:= 5^3 + 9^1 + 16^1 + 18^0 + 24^2 = 53 + 91 + 161 + 180 + 242 & 727 &:= 7^2 + 8^0 + 16^2 + 20^2 + 21^1 = 72 + 80 + 162 + 202 + 211 \\
 727 &:= 5^4 + 9^2 + 12^0 + 19^1 + 27^0 = 54 + 92 + 120 + 191 + 270 & 727 &:= 7^2 + 9^2 + 12^0 + 20^1 + 24^2 = 72 + 92 + 120 + 201 + 242 \\
 727 &:= 5^4 + 9^2 + 13^0 + 19^1 + 26^0 = 54 + 92 + 130 + 191 + 260 & 727 &:= 7^3 + 10^1 + 12^1 + 19^2 + 24^0 = 73 + 101 + 121 + 192 + 240 \\
 727 &:= 5^4 + 9^2 + 14^0 + 19^1 + 25^0 = 54 + 92 + 140 + 191 + 250 & 727 &:= 7^3 + 11^1 + 11^1 + 19^2 + 24^0 = 73 + 111 + 111 + 192 + 240 \\
 727 &:= 5^4 + 9^2 + 15^0 + 19^1 + 24^0 = 54 + 92 + 150 + 191 + 240 & 727 &:= 7^3 + 8^1 + 14^1 + 19^2 + 24^0 = 73 + 81 + 141 + 192 + 240 \\
 727 &:= 5^4 + 9^2 + 16^0 + 19^1 + 23^0 = 54 + 92 + 160 + 191 + 230 & 727 &:= 7^3 + 9^1 + 13^1 + 19^2 + 24^0 = 73 + 91 + 131 + 192 + 240 \\
 727 &:= 5^4 + 9^2 + 17^0 + 19^1 + 22^0 = 54 + 92 + 170 + 191 + 220 & 727 &:= 8^0 + 10^2 + 11^2 + 21^1 + 22^2 = 80 + 102 + 112 + 211 + 222 \\
 727 &:= 5^4 + 9^2 + 18^0 + 19^1 + 21^0 = 54 + 92 + 180 + 191 + 210 & 727 &:= 8^0 + 11^2 + 12^2 + 20^1 + 21^2 = 80 + 112 + 122 + 201 + 212 \\
 727 &:= 5^4 + 9^2 + 19^0 + 19^1 + 20^0 = 54 + 92 + 190 + 191 + 200 & 727 &:= 8^0 + 11^2 + 15^2 + 19^1 + 19^2 = 80 + 112 + 152 + 191 + 192 \\
 727 &:= 6^0 + 15^2 + 15^2 + 16^2 + 20^1 = 60 + 152 + 152 + 162 + 201 & 727 &:= 8^0 + 14^2 + 16^2 + 16^2 + 18^1 = 80 + 142 + 162 + 162 + 181 \\
 727 &:= 6^0 + 6^2 + 15^2 + 21^2 + 24^1 = 60 + 62 + 152 + 212 + 241 & 727 &:= 8^0 + 9^2 + 15^2 + 20^1 + 20^2 = 80 + 92 + 152 + 201 + 202 \\
 727 &:= 6^0 + 7^2 + 13^2 + 22^2 + 24^1 = 60 + 72 + 132 + 222 + 241 & 727 &:= 8^1 + 13^2 + 15^2 + 18^0 + 18^2 = 81 + 132 + 152 + 180 + 182 \\
 727 &:= 6^0 + 8^3 + 13^2 + 18^1 + 27^1 = 60 + 83 + 132 + 181 + 271 & 727 &:= 8^1 + 9^2 + 14^2 + 20^0 + 21^2 = 81 + 92 + 142 + 200 + 212 \\
 727 &:= 6^0 + 8^3 + 13^2 + 19^1 + 26^1 = 60 + 83 + 132 + 191 + 261 & 727 &:= 8^2 + 11^2 + 12^1 + 18^0 + 23^2 = 82 + 112 + 121 + 180 + 232 \\
 727 &:= 6^0 + 8^3 + 13^2 + 20^1 + 25^1 = 60 + 83 + 132 + 201 + 251 & 727 &:= 8^2 + 12^1 + 16^0 + 17^2 + 19^2 = 82 + 121 + 160 + 172 + 192 \\
 727 &:= 6^0 + 8^3 + 13^2 + 21^1 + 24^1 = 60 + 83 + 132 + 211 + 241 & 727 &:= 8^2 + 14^0 + 14^1 + 18^2 + 18^2 = 82 + 140 + 141 + 182 + 182 \\
 727 &:= 6^0 + 8^3 + 13^2 + 22^1 + 23^1 = 60 + 83 + 132 + 221 + 231 & 727 &:= 8^2 + 8^2 + 10^0 + 22^1 + 24^2 = 82 + 82 + 100 + 221 + 242 \\
 727 &:= 6^1 + 6^3 + 18^0 + 20^1 + 22^2 = 61 + 63 + 180 + 201 + 222 & 727 &:= 8^2 + 9^1 + 13^2 + 20^0 + 22^2 = 82 + 91 + 132 + 200 + 222 \\
 727 &:= 6^1 + 7^3 + 16^1 + 19^2 + 24^0 = 61 + 73 + 161 + 192 + 240 & 727 &:= 9^1 + 10^2 + 16^2 + 18^0 + 19^2 = 91 + 102 + 162 + 180 + 192 \\
 727 &:= 6^1 + 8^2 + 16^2 + 20^2 + 22^0 = 61 + 82 + 162 + 202 + 220 & 727 &:= 9^1 + 11^2 + 14^2 + 18^0 + 20^2 = 91 + 112 + 142 + 180 + 202 \\
 727 &:= 6^2 + 10^1 + 14^2 + 20^0 + 22^2 = 62 + 101 + 142 + 200 + 222 & 727 &:= 9^2 + 10^2 + 14^0 + 16^1 + 23^2 = 92 + 102 + 140 + 161 + 232 \\
 727 &:= 6^2 + 10^2 + 14^1 + 18^0 + 24^2 = 62 + 102 + 141 + 180 + 242 & 727 &:= 9^2 + 12^0 + 12^2 + 17^1 + 22^2 = 92 + 120 + 122 + 171 + 222 \\
 727 &:= 6^2 + 12^2 + 14^0 + 17^1 + 23^2 = 62 + 122 + 140 + 171 + 232
 \end{aligned}$$

2.2.629 Number 728

$$\begin{aligned}
 728 &:= 1^2 + 2^3 + 26^2 + 43^1 = 12 + 23 + 262 + 431 & 728 &:= 1^3 + 8^2 + 25^2 + 38^1 = 13 + 82 + 252 + 381 \\
 728 &:= 1^3 + 3^2 + 26^2 + 42^1 = 13 + 32 + 262 + 421 & 728 &:= 2^5 + 19^1 + 25^0 + 26^2 = 25 + 191 + 250 + 262
 \end{aligned}$$

$728 := 2^7 + 2^8 + 7^3 + 60^0$	$= 27 + 28 + 73 + 600$	$728 := 1^2 + 8^2 + 16^1 + 22^1 + 25^2$	$= 12 + 82 + 161 + 221 + 252$
$728 := 3^3 + 6^3 + 22^2 + 41^0$	$= 33 + 63 + 222 + 410$	$728 := 1^2 + 8^2 + 17^1 + 21^1 + 25^2$	$= 12 + 82 + 171 + 211 + 252$
$728 := 3^5 + 5^0 + 21^2 + 43^1$	$= 35 + 50 + 212 + 431$	$728 := 1^2 + 8^2 + 18^1 + 20^1 + 25^2$	$= 12 + 82 + 181 + 201 + 252$
$728 := 4^3 + 10^2 + 23^2 + 35^1$	$= 43 + 102 + 232 + 351$	$728 := 1^2 + 8^2 + 19^1 + 19^1 + 25^2$	$= 12 + 82 + 191 + 191 + 252$
$728 := 4^3 + 5^4 + 25^0 + 38^1$	$= 43 + 54 + 250 + 381$	$728 := 1^3 + 15^2 + 17^0 + 17^1 + 22^2$	$= 13 + 152 + 170 + 171 + 222$
$728 := 5^2 + 8^3 + 12^2 + 47^1$	$= 52 + 83 + 122 + 471$	$728 := 1^3 + 5^2 + 15^0 + 25^1 + 26^2$	$= 13 + 52 + 150 + 251 + 262$
$728 := 5^3 + 13^2 + 20^2 + 34^1$	$= 53 + 132 + 202 + 341$	$728 := 1^3 + 6^2 + 14^1 + 25^0 + 26^2$	$= 13 + 62 + 141 + 250 + 262$
$728 := 5^3 + 6^2 + 23^2 + 38^1$	$= 53 + 62 + 232 + 381$	$728 := 1^3 + 9^2 + 17^0 + 20^1 + 25^2$	$= 13 + 92 + 170 + 201 + 252$
$728 := 7^2 + 8^3 + 11^2 + 46^1$	$= 72 + 83 + 112 + 461$	$728 := 1^4 + 10^0 + 10^2 + 25^2 + 26^0$	$= 14 + 100 + 102 + 252 + 260$
$728 := 7^3 + 11^2 + 15^2 + 39^1$	$= 73 + 112 + 152 + 391$	$728 := 1^4 + 10^0 + 14^2 + 23^2 + 24^0$	$= 14 + 100 + 142 + 232 + 240$
$728 := 1^0 + 2^5 + 18^1 + 25^0 + 26^2$	$= 10 + 25 + 181 + 250 + 262$	$728 := 1^4 + 10^2 + 11^0 + 25^0 + 25^2$	$= 14 + 102 + 110 + 250 + 252$
$728 := 1^1 + 11^2 + 16^2 + 18^2 + 26^1$	$= 11 + 112 + 162 + 182 + 261$	$728 := 1^4 + 10^2 + 12^0 + 24^0 + 25^2$	$= 14 + 102 + 120 + 240 + 252$
$728 := 1^1 + 12^2 + 14^2 + 19^2 + 26^1$	$= 11 + 122 + 142 + 192 + 261$	$728 := 1^4 + 10^2 + 13^0 + 23^0 + 25^2$	$= 14 + 102 + 130 + 230 + 252$
$728 := 1^1 + 2^3 + 16^1 + 26^2 + 27^1$	$= 11 + 23 + 161 + 262 + 271$	$728 := 1^4 + 10^2 + 14^0 + 22^0 + 25^2$	$= 14 + 102 + 140 + 220 + 252$
$728 := 1^1 + 2^3 + 17^1 + 26^1 + 26^2$	$= 11 + 23 + 171 + 261 + 262$	$728 := 1^4 + 10^2 + 15^0 + 21^0 + 25^2$	$= 14 + 102 + 150 + 210 + 252$
$728 := 1^1 + 2^3 + 18^1 + 25^1 + 26^2$	$= 11 + 23 + 181 + 251 + 262$	$728 := 1^4 + 10^2 + 16^0 + 20^0 + 25^2$	$= 14 + 102 + 160 + 200 + 252$
$728 := 1^1 + 2^3 + 19^1 + 24^1 + 26^2$	$= 11 + 23 + 191 + 241 + 262$	$728 := 1^4 + 10^2 + 17^0 + 19^0 + 25^2$	$= 14 + 102 + 170 + 190 + 252$
$728 := 1^1 + 2^3 + 20^1 + 23^1 + 26^2$	$= 11 + 23 + 201 + 231 + 262$	$728 := 1^4 + 10^2 + 18^0 + 18^0 + 25^2$	$= 14 + 102 + 180 + 180 + 252$
$728 := 1^1 + 2^3 + 21^1 + 22^1 + 26^2$	$= 11 + 23 + 211 + 221 + 262$	$728 := 1^4 + 11^0 + 14^2 + 23^0 + 23^2$	$= 14 + 110 + 142 + 230 + 232$
$728 := 1^1 + 3^4 + 20^1 + 23^0 + 25^2$	$= 11 + 34 + 201 + 230 + 252$	$728 := 1^4 + 12^0 + 14^2 + 22^0 + 23^2$	$= 14 + 120 + 142 + 220 + 232$
$728 := 1^2 + 11^2 + 11^2 + 22^2 + 27^0$	$= 12 + 112 + 112 + 222 + 270$	$728 := 1^4 + 13^0 + 14^2 + 21^0 + 23^2$	$= 14 + 130 + 142 + 210 + 232$
$728 := 1^2 + 13^2 + 14^2 + 19^2 + 25^0$	$= 12 + 132 + 142 + 192 + 250$	$728 := 1^4 + 14^0 + 14^2 + 20^0 + 23^2$	$= 14 + 140 + 142 + 200 + 232$
$728 := 1^2 + 3^2 + 15^1 + 26^2 + 27^1$	$= 12 + 32 + 151 + 262 + 271$	$728 := 1^4 + 14^2 + 15^0 + 19^0 + 23^2$	$= 14 + 142 + 150 + 190 + 232$
$728 := 1^2 + 3^2 + 16^1 + 26^1 + 26^2$	$= 12 + 32 + 161 + 261 + 262$	$728 := 1^4 + 14^2 + 16^0 + 18^0 + 23^2$	$= 14 + 142 + 160 + 180 + 232$
$728 := 1^2 + 3^2 + 17^1 + 25^1 + 26^2$	$= 12 + 32 + 171 + 251 + 262$	$728 := 1^4 + 14^2 + 17^0 + 17^0 + 23^2$	$= 14 + 142 + 170 + 170 + 232$
$728 := 1^2 + 3^2 + 18^1 + 24^1 + 26^2$	$= 12 + 32 + 181 + 241 + 262$	$728 := 1^4 + 7^0 + 14^2 + 23^2 + 27^0$	$= 14 + 70 + 142 + 232 + 270$
$728 := 1^2 + 3^2 + 19^1 + 23^1 + 26^2$	$= 12 + 32 + 191 + 231 + 262$	$728 := 1^4 + 7^2 + 11^0 + 26^2 + 27^0$	$= 14 + 72 + 110 + 262 + 270$
$728 := 1^2 + 3^2 + 20^1 + 22^1 + 26^2$	$= 12 + 32 + 201 + 221 + 262$	$728 := 1^4 + 7^2 + 12^0 + 26^0 + 26^2$	$= 14 + 72 + 120 + 260 + 262$
$728 := 1^2 + 3^2 + 21^1 + 21^1 + 26^2$	$= 12 + 32 + 211 + 211 + 262$	$728 := 1^4 + 7^2 + 13^0 + 25^0 + 26^2$	$= 14 + 72 + 130 + 250 + 262$
$728 := 1^2 + 3^3 + 19^0 + 23^1 + 26^2$	$= 12 + 33 + 190 + 231 + 262$	$728 := 1^4 + 7^2 + 14^0 + 24^0 + 26^2$	$= 14 + 72 + 140 + 240 + 262$
$728 := 1^2 + 5^3 + 17^0 + 24^2 + 25^1$	$= 12 + 53 + 170 + 242 + 251$	$728 := 1^4 + 7^2 + 15^0 + 23^0 + 26^2$	$= 14 + 72 + 150 + 230 + 262$
$728 := 1^2 + 6^3 + 17^0 + 22^2 + 26^1$	$= 12 + 63 + 170 + 222 + 261$	$728 := 1^4 + 7^2 + 16^0 + 22^0 + 26^2$	$= 14 + 72 + 160 + 220 + 262$
$728 := 1^2 + 7^3 + 19^2 + 22^1 + 23^0$	$= 12 + 73 + 192 + 221 + 230$	$728 := 1^4 + 7^2 + 17^0 + 21^0 + 26^2$	$= 14 + 72 + 170 + 210 + 262$
$728 := 1^2 + 8^2 + 11^1 + 25^2 + 27^1$	$= 12 + 82 + 111 + 252 + 271$	$728 := 1^4 + 7^2 + 18^0 + 20^0 + 26^2$	$= 14 + 72 + 180 + 200 + 262$
$728 := 1^2 + 8^2 + 12^1 + 25^2 + 26^1$	$= 12 + 82 + 121 + 252 + 261$	$728 := 1^4 + 7^2 + 19^0 + 19^0 + 26^2$	$= 14 + 72 + 190 + 190 + 262$
$728 := 1^2 + 8^2 + 13^1 + 25^1 + 25^2$	$= 12 + 82 + 131 + 251 + 252$	$728 := 1^4 + 8^0 + 14^2 + 23^2 + 26^0$	$= 14 + 80 + 142 + 232 + 260$
$728 := 1^2 + 8^2 + 14^1 + 24^1 + 25^2$	$= 12 + 82 + 141 + 241 + 252$	$728 := 1^4 + 9^0 + 10^2 + 25^2 + 27^0$	$= 14 + 90 + 102 + 252 + 270$
$728 := 1^2 + 8^2 + 15^1 + 23^1 + 25^2$	$= 12 + 82 + 151 + 231 + 252$	$728 := 1^4 + 9^0 + 14^2 + 23^2 + 25^0$	$= 14 + 90 + 142 + 232 + 250$

$$\begin{aligned} 728 &:= 1^8 + 2^7 + 22^0 + 22^1 + 24^2 = 18 + 27 + 220 + 221 + 242 & 728 &:= 2^3 + 11^1 + 12^1 + 21^1 + 26^2 = 23 + 111 + 121 + 211 + 262 \\ 728 &:= 10^1 + 11^2 + 16^2 + 17^1 + 18^2 = 101 + 112 + 162 + 171 + 182 & 728 &:= 2^3 + 11^1 + 13^1 + 20^1 + 26^2 = 23 + 111 + 131 + 201 + 262 \\ 728 &:= 10^1 + 12^2 + 14^2 + 17^1 + 19^2 = 101 + 122 + 142 + 171 + 192 & 728 &:= 2^3 + 11^1 + 14^1 + 19^1 + 26^2 = 23 + 111 + 141 + 191 + 262 \\ 728 &:= 10^2 + 13^2 + 13^2 + 17^2 + 19^0 = 102 + 132 + 132 + 172 + 190 & 728 &:= 2^3 + 11^1 + 15^1 + 18^1 + 26^2 = 23 + 111 + 151 + 181 + 262 \\ 728 &:= 11^1 + 11^2 + 16^1 + 16^2 + 18^2 = 111 + 112 + 161 + 162 + 182 & 728 &:= 2^3 + 11^1 + 16^1 + 17^1 + 26^2 = 23 + 111 + 161 + 171 + 262 \\ 728 &:= 11^1 + 12^2 + 14^2 + 16^1 + 19^2 = 111 + 122 + 142 + 161 + 192 & 728 &:= 2^3 + 11^2 + 13^0 + 22^1 + 24^2 = 23 + 112 + 130 + 221 + 242 \\ 728 &:= 11^2 + 11^2 + 14^2 + 17^2 + 19^0 = 112 + 112 + 142 + 172 + 190 & 728 &:= 2^3 + 12^1 + 12^1 + 20^1 + 26^2 = 23 + 121 + 121 + 201 + 262 \\ 728 &:= 11^2 + 12^1 + 15^1 + 16^2 + 18^2 = 112 + 121 + 151 + 162 + 182 & 728 &:= 2^3 + 12^1 + 13^1 + 19^1 + 26^2 = 23 + 121 + 131 + 191 + 262 \\ 728 &:= 11^2 + 13^1 + 14^1 + 16^2 + 18^2 = 112 + 131 + 141 + 162 + 182 & 728 &:= 2^3 + 12^1 + 14^1 + 18^1 + 26^2 = 23 + 121 + 141 + 181 + 262 \\ 728 &:= 12^1 + 12^2 + 14^2 + 15^1 + 19^2 = 121 + 122 + 142 + 151 + 192 & 728 &:= 2^3 + 12^1 + 15^1 + 17^1 + 26^2 = 23 + 121 + 151 + 171 + 262 \\ 728 &:= 12^2 + 13^1 + 14^1 + 14^2 + 19^2 = 122 + 131 + 141 + 142 + 192 & 728 &:= 2^3 + 12^1 + 16^1 + 16^1 + 26^2 = 23 + 121 + 161 + 161 + 262 \\ 728 &:= 2^0 + 2^5 + 18^1 + 24^0 + 26^2 = 20 + 25 + 181 + 240 + 262 & 728 &:= 2^3 + 13^0 + 13^2 + 21^1 + 23^2 = 23 + 130 + 132 + 211 + 232 \\ 728 &:= 2^1 + 11^2 + 16^2 + 18^2 + 25^1 = 21 + 112 + 162 + 182 + 251 & 728 &:= 2^3 + 13^1 + 13^1 + 18^1 + 26^2 = 23 + 131 + 131 + 181 + 262 \\ 728 &:= 2^1 + 12^2 + 14^2 + 19^2 + 25^1 = 21 + 122 + 142 + 192 + 251 & 728 &:= 2^3 + 13^1 + 14^1 + 17^1 + 26^2 = 23 + 131 + 141 + 171 + 262 \\ 728 &:= 2^1 + 2^3 + 15^1 + 26^2 + 27^1 = 21 + 23 + 151 + 262 + 271 & 728 &:= 2^3 + 13^1 + 15^1 + 16^1 + 26^2 = 23 + 131 + 151 + 161 + 262 \\ 728 &:= 2^1 + 2^3 + 16^1 + 26^1 + 26^2 = 21 + 23 + 161 + 261 + 262 & 728 &:= 2^3 + 14^1 + 14^1 + 16^1 + 26^2 = 23 + 141 + 141 + 161 + 262 \\ 728 &:= 2^1 + 2^3 + 17^1 + 25^1 + 26^2 = 21 + 23 + 171 + 251 + 262 & 728 &:= 2^3 + 14^1 + 15^1 + 15^1 + 26^2 = 23 + 141 + 151 + 151 + 262 \\ 728 &:= 2^1 + 2^3 + 18^1 + 24^1 + 26^2 = 21 + 23 + 181 + 241 + 262 & 728 &:= 2^3 + 3^1 + 14^1 + 26^2 + 27^1 = 23 + 31 + 141 + 262 + 271 \\ 728 &:= 2^1 + 2^3 + 19^1 + 23^1 + 26^2 = 21 + 23 + 191 + 231 + 262 & 728 &:= 2^3 + 3^1 + 15^1 + 26^1 + 26^2 = 23 + 31 + 151 + 261 + 262 \\ 728 &:= 2^1 + 2^3 + 20^1 + 22^1 + 26^2 = 21 + 23 + 201 + 221 + 262 & 728 &:= 2^3 + 3^1 + 16^1 + 25^1 + 26^2 = 23 + 31 + 161 + 251 + 262 \\ 728 &:= 2^1 + 2^3 + 21^1 + 21^1 + 26^2 = 21 + 23 + 211 + 211 + 262 & 728 &:= 2^3 + 3^1 + 17^1 + 24^1 + 26^2 = 23 + 31 + 171 + 241 + 262 \\ 728 &:= 2^1 + 3^4 + 19^1 + 23^0 + 25^2 = 21 + 34 + 191 + 230 + 252 & 728 &:= 2^3 + 3^1 + 18^1 + 23^1 + 26^2 = 23 + 31 + 181 + 231 + 262 \\ 728 &:= 2^1 + 7^2 + 17^2 + 19^2 + 27^1 = 21 + 72 + 172 + 192 + 271 & 728 &:= 2^3 + 3^1 + 19^1 + 22^1 + 26^2 = 23 + 31 + 191 + 221 + 262 \\ 728 &:= 2^2 + 3^3 + 20^1 + 21^0 + 26^2 = 22 + 33 + 201 + 210 + 262 & 728 &:= 2^3 + 3^1 + 20^1 + 21^1 + 26^2 = 23 + 31 + 201 + 211 + 262 \\ 728 &:= 2^2 + 5^3 + 19^0 + 22^1 + 24^2 = 22 + 53 + 190 + 221 + 242 & 728 &:= 2^3 + 4^1 + 13^1 + 26^2 + 27^1 = 23 + 41 + 131 + 262 + 271 \\ 728 &:= 2^2 + 6^3 + 19^0 + 22^2 + 23^1 = 22 + 63 + 190 + 222 + 231 & 728 &:= 2^3 + 4^1 + 14^1 + 26^1 + 26^2 = 23 + 41 + 141 + 261 + 262 \\ 728 &:= 2^2 + 7^3 + 19^1 + 19^2 + 25^0 = 22 + 73 + 191 + 192 + 250 & 728 &:= 2^3 + 4^1 + 15^1 + 25^1 + 26^2 = 23 + 41 + 151 + 251 + 262 \\ 728 &:= 2^3 + 10^1 + 10^1 + 24^1 + 26^2 = 23 + 101 + 101 + 241 + 262 & 728 &:= 2^3 + 4^1 + 16^1 + 24^1 + 26^2 = 23 + 41 + 161 + 241 + 262 \\ 728 &:= 2^3 + 10^1 + 11^1 + 23^1 + 26^2 = 23 + 101 + 111 + 231 + 262 & 728 &:= 2^3 + 4^1 + 17^1 + 23^1 + 26^2 = 23 + 41 + 171 + 231 + 262 \\ 728 &:= 2^3 + 10^1 + 12^1 + 22^1 + 26^2 = 23 + 101 + 121 + 221 + 262 & 728 &:= 2^3 + 4^1 + 18^1 + 22^1 + 26^2 = 23 + 41 + 181 + 221 + 262 \\ 728 &:= 2^3 + 10^1 + 13^1 + 21^1 + 26^2 = 23 + 101 + 131 + 211 + 262 & 728 &:= 2^3 + 4^1 + 19^1 + 21^1 + 26^2 = 23 + 41 + 191 + 211 + 262 \\ 728 &:= 2^3 + 10^1 + 14^1 + 20^1 + 26^2 = 23 + 101 + 141 + 201 + 262 & 728 &:= 2^3 + 4^1 + 20^1 + 20^1 + 26^2 = 23 + 41 + 201 + 201 + 262 \\ 728 &:= 2^3 + 10^1 + 15^1 + 19^1 + 26^2 = 23 + 101 + 151 + 191 + 262 & 728 &:= 2^3 + 4^2 + 13^0 + 26^2 + 27^1 = 23 + 42 + 130 + 262 + 271 \\ 728 &:= 2^3 + 10^1 + 15^2 + 22^2 + 23^0 = 23 + 101 + 152 + 222 + 230 & 728 &:= 2^3 + 5^1 + 12^1 + 26^2 + 27^1 = 23 + 51 + 121 + 262 + 271 \\ 728 &:= 2^3 + 10^1 + 16^1 + 18^1 + 26^2 = 23 + 101 + 161 + 181 + 262 & 728 &:= 2^3 + 5^1 + 13^1 + 26^1 + 26^2 = 23 + 51 + 131 + 261 + 262 \\ 728 &:= 2^3 + 10^1 + 17^1 + 17^1 + 26^2 = 23 + 101 + 171 + 171 + 262 & 728 &:= 2^3 + 5^1 + 14^1 + 25^1 + 26^2 = 23 + 51 + 141 + 251 + 262 \\ 728 &:= 2^3 + 11^0 + 16^2 + 21^2 + 22^1 = 23 + 110 + 162 + 212 + 221 & 728 &:= 2^3 + 5^1 + 15^1 + 24^1 + 26^2 = 23 + 51 + 151 + 241 + 262 \\ 728 &:= 2^3 + 11^1 + 11^1 + 22^1 + 26^2 = 23 + 111 + 111 + 221 + 262 & 728 &:= 2^3 + 5^1 + 16^1 + 23^1 + 26^2 = 23 + 51 + 161 + 231 + 262 \end{aligned}$$

$$\begin{aligned} 728 &:= 2^3 + 5^1 + 17^1 + 22^1 + 26^2 = 23 + 51 + 171 + 221 + 262 & 728 &:= 2^3 + 9^1 + 16^1 + 19^1 + 26^2 = 23 + 91 + 161 + 191 + 262 \\ 728 &:= 2^3 + 5^1 + 18^1 + 21^1 + 26^2 = 23 + 51 + 181 + 211 + 262 & 728 &:= 2^3 + 9^1 + 17^1 + 18^1 + 26^2 = 23 + 91 + 171 + 181 + 262 \\ 728 &:= 2^3 + 5^1 + 19^1 + 20^1 + 26^2 = 23 + 51 + 191 + 201 + 262 & 728 &:= 2^3 + 9^1 + 9^1 + 26^1 + 26^2 = 23 + 91 + 91 + 261 + 262 \\ 728 &:= 2^3 + 5^2 + 18^1 + 21^0 + 26^2 = 23 + 52 + 181 + 210 + 262 & 728 &:= 2^3 + 9^2 + 13^1 + 23^0 + 25^2 = 23 + 92 + 131 + 230 + 252 \\ 728 &:= 2^3 + 6^1 + 11^1 + 26^2 + 27^1 = 23 + 61 + 111 + 262 + 271 & 728 &:= 2^4 + 8^1 + 9^0 + 26^2 + 27^1 = 24 + 81 + 90 + 262 + 271 \\ 728 &:= 2^3 + 6^1 + 12^1 + 26^1 + 26^2 = 23 + 61 + 121 + 261 + 262 & 728 &:= 2^4 + 9^0 + 10^1 + 25^1 + 26^2 = 24 + 90 + 101 + 251 + 262 \\ 728 &:= 2^3 + 6^1 + 13^1 + 25^1 + 26^2 = 23 + 61 + 131 + 251 + 262 & 728 &:= 2^4 + 9^0 + 11^1 + 24^1 + 26^2 = 24 + 90 + 111 + 241 + 262 \\ 728 &:= 2^3 + 6^1 + 14^1 + 24^1 + 26^2 = 23 + 61 + 141 + 241 + 262 & 728 &:= 2^4 + 9^0 + 12^1 + 23^1 + 26^2 = 24 + 90 + 121 + 231 + 262 \\ 728 &:= 2^3 + 6^1 + 15^1 + 23^1 + 26^2 = 23 + 61 + 151 + 231 + 262 & 728 &:= 2^4 + 9^0 + 13^1 + 22^1 + 26^2 = 24 + 90 + 131 + 221 + 262 \\ 728 &:= 2^3 + 6^1 + 16^1 + 22^1 + 26^2 = 23 + 61 + 161 + 221 + 262 & 728 &:= 2^4 + 9^0 + 14^1 + 21^1 + 26^2 = 24 + 90 + 141 + 211 + 262 \\ 728 &:= 2^3 + 6^1 + 17^1 + 21^1 + 26^2 = 23 + 61 + 171 + 211 + 262 & 728 &:= 2^4 + 9^0 + 15^1 + 20^1 + 26^2 = 24 + 90 + 151 + 201 + 262 \\ 728 &:= 2^3 + 6^1 + 18^1 + 20^1 + 26^2 = 23 + 61 + 181 + 201 + 262 & 728 &:= 2^4 + 9^0 + 16^1 + 19^1 + 26^2 = 24 + 90 + 161 + 191 + 262 \\ 728 &:= 2^3 + 6^1 + 19^1 + 19^1 + 26^2 = 23 + 61 + 191 + 191 + 262 & 728 &:= 2^4 + 9^0 + 17^1 + 18^1 + 26^2 = 24 + 90 + 171 + 181 + 262 \\ 728 &:= 2^3 + 7^1 + 10^1 + 26^2 + 27^1 = 23 + 71 + 101 + 262 + 271 & 728 &:= 2^4 + 9^0 + 9^1 + 26^1 + 26^2 = 24 + 90 + 91 + 261 + 262 \\ 728 &:= 2^3 + 7^1 + 11^1 + 26^1 + 26^2 = 23 + 71 + 111 + 261 + 262 & 728 &:= 2^5 + 10^0 + 16^0 + 18^1 + 26^2 = 25 + 100 + 160 + 181 + 262 \\ 728 &:= 2^3 + 7^1 + 12^1 + 25^1 + 26^2 = 23 + 71 + 121 + 251 + 262 & 728 &:= 2^5 + 11^0 + 15^0 + 18^1 + 26^2 = 25 + 110 + 150 + 181 + 262 \\ 728 &:= 2^3 + 7^1 + 13^1 + 24^1 + 26^2 = 23 + 71 + 131 + 241 + 262 & 728 &:= 2^5 + 12^0 + 14^0 + 18^1 + 26^2 = 25 + 120 + 140 + 181 + 262 \\ 728 &:= 2^3 + 7^1 + 14^1 + 23^1 + 26^2 = 23 + 71 + 141 + 231 + 262 & 728 &:= 2^5 + 13^0 + 13^0 + 18^1 + 26^2 = 25 + 130 + 130 + 181 + 262 \\ 728 &:= 2^3 + 7^1 + 15^1 + 22^1 + 26^2 = 23 + 71 + 151 + 221 + 262 & 728 &:= 2^5 + 3^0 + 18^1 + 23^0 + 26^2 = 25 + 30 + 181 + 230 + 262 \\ 728 &:= 2^3 + 7^1 + 16^1 + 21^1 + 26^2 = 23 + 71 + 161 + 211 + 262 & 728 &:= 2^5 + 4^0 + 18^1 + 22^0 + 26^2 = 25 + 40 + 181 + 220 + 262 \\ 728 &:= 2^3 + 7^1 + 17^1 + 20^1 + 26^2 = 23 + 71 + 171 + 201 + 262 & 728 &:= 2^5 + 5^0 + 18^1 + 21^0 + 26^2 = 25 + 50 + 181 + 210 + 262 \\ 728 &:= 2^3 + 7^1 + 18^1 + 19^1 + 26^2 = 23 + 71 + 181 + 191 + 262 & 728 &:= 2^5 + 6^0 + 18^1 + 20^0 + 26^2 = 25 + 60 + 181 + 200 + 262 \\ 728 &:= 2^3 + 8^1 + 10^1 + 26^1 + 26^2 = 23 + 81 + 101 + 261 + 262 & 728 &:= 2^5 + 7^0 + 18^1 + 19^0 + 26^2 = 25 + 70 + 181 + 190 + 262 \\ 728 &:= 2^3 + 8^1 + 11^1 + 25^1 + 26^2 = 23 + 81 + 111 + 251 + 262 & 728 &:= 2^5 + 8^0 + 18^0 + 18^1 + 26^2 = 25 + 80 + 180 + 181 + 262 \\ 728 &:= 2^3 + 8^1 + 12^1 + 24^1 + 26^2 = 23 + 81 + 121 + 241 + 262 & 728 &:= 2^5 + 9^0 + 17^0 + 18^1 + 26^2 = 25 + 90 + 170 + 181 + 262 \\ 728 &:= 2^3 + 8^1 + 13^1 + 23^1 + 26^2 = 23 + 81 + 131 + 231 + 262 & 728 &:= 3^1 + 11^2 + 16^2 + 18^2 + 24^1 = 31 + 112 + 162 + 182 + 241 \\ 728 &:= 2^3 + 8^1 + 14^1 + 22^1 + 26^2 = 23 + 81 + 141 + 221 + 262 & 728 &:= 3^1 + 12^2 + 14^2 + 19^2 + 24^1 = 31 + 122 + 142 + 192 + 241 \\ 728 &:= 2^3 + 8^1 + 15^1 + 21^1 + 26^2 = 23 + 81 + 151 + 211 + 262 & 728 &:= 3^1 + 3^4 + 18^1 + 23^0 + 25^2 = 31 + 34 + 181 + 230 + 252 \\ 728 &:= 2^3 + 8^1 + 16^1 + 20^1 + 26^2 = 23 + 81 + 161 + 201 + 262 & 728 &:= 3^1 + 4^4 + 17^0 + 21^2 + 27^1 = 31 + 44 + 170 + 212 + 271 \\ 728 &:= 2^3 + 8^1 + 17^1 + 19^1 + 26^2 = 23 + 81 + 171 + 191 + 262 & 728 &:= 3^1 + 7^2 + 17^2 + 19^2 + 26^1 = 31 + 72 + 172 + 192 + 261 \\ 728 &:= 2^3 + 8^1 + 18^1 + 18^1 + 26^2 = 23 + 81 + 181 + 181 + 262 & 728 &:= 3^2 + 13^2 + 15^2 + 18^2 + 23^0 = 32 + 132 + 152 + 182 + 230 \\ 728 &:= 2^3 + 8^1 + 9^1 + 26^2 + 27^1 = 23 + 81 + 91 + 262 + 271 & 728 &:= 3^2 + 3^3 + 15^1 + 25^0 + 26^2 = 32 + 33 + 151 + 250 + 262 \\ 728 &:= 2^3 + 9^1 + 10^1 + 25^1 + 26^2 = 23 + 91 + 101 + 251 + 262 & 728 &:= 3^2 + 5^3 + 17^1 + 23^0 + 24^2 = 32 + 53 + 171 + 230 + 242 \\ 728 &:= 2^3 + 9^1 + 11^1 + 24^1 + 26^2 = 23 + 91 + 111 + 241 + 262 & 728 &:= 3^2 + 6^3 + 18^1 + 22^2 + 23^0 = 32 + 63 + 181 + 222 + 230 \\ 728 &:= 2^3 + 9^1 + 12^1 + 23^1 + 26^2 = 23 + 91 + 121 + 231 + 262 & 728 &:= 3^2 + 9^2 + 14^2 + 21^2 + 25^0 = 32 + 92 + 142 + 212 + 250 \\ 728 &:= 2^3 + 9^1 + 13^1 + 22^1 + 26^2 = 23 + 91 + 131 + 221 + 262 & 728 &:= 3^3 + 10^2 + 11^0 + 24^1 + 24^2 = 33 + 102 + 110 + 241 + 242 \\ 728 &:= 2^3 + 9^1 + 14^1 + 21^1 + 26^2 = 23 + 91 + 141 + 211 + 262 & 728 &:= 3^3 + 11^1 + 17^2 + 20^2 + 21^0 = 33 + 111 + 172 + 202 + 210 \\ 728 &:= 2^3 + 9^1 + 15^1 + 20^1 + 26^2 = 23 + 91 + 151 + 201 + 262 & 728 &:= 3^3 + 13^0 + 14^2 + 20^1 + 22^2 = 33 + 130 + 142 + 201 + 222 \end{aligned}$$

$$\begin{aligned} 728 &:= 3^3 + 15^1 + 17^0 + 18^2 + 19^2 = 33 + 151 + 170 + 182 + 192 & 728 &:= 4^4 + 12^1 + 17^0 + 18^1 + 21^2 = 44 + 121 + 170 + 181 + 212 \\ 728 &:= 3^3 + 7^0 + 12^2 + 23^2 + 27^1 = 33 + 70 + 122 + 232 + 271 & 728 &:= 4^4 + 13^1 + 17^0 + 17^1 + 21^2 = 44 + 131 + 170 + 171 + 212 \\ 728 &:= 3^3 + 7^2 + 11^0 + 25^2 + 26^1 = 33 + 72 + 110 + 252 + 261 & 728 &:= 4^4 + 14^1 + 16^1 + 17^0 + 21^2 = 44 + 141 + 161 + 170 + 212 \\ 728 &:= 3^3 + 8^2 + 11^1 + 25^0 + 25^2 = 33 + 82 + 111 + 250 + 252 & 728 &:= 4^4 + 15^1 + 15^1 + 17^0 + 21^2 = 44 + 151 + 151 + 170 + 212 \\ 728 &:= 3^4 + 10^1 + 11^1 + 23^0 + 25^2 = 34 + 101 + 111 + 230 + 252 & 728 &:= 4^4 + 5^1 + 17^0 + 21^2 + 25^1 = 44 + 51 + 170 + 212 + 251 \\ 728 &:= 3^4 + 4^1 + 17^1 + 23^0 + 25^2 = 34 + 41 + 171 + 230 + 252 & 728 &:= 4^4 + 6^1 + 17^0 + 21^2 + 24^1 = 44 + 61 + 170 + 212 + 241 \\ 728 &:= 3^4 + 5^1 + 16^1 + 23^0 + 25^2 = 34 + 51 + 161 + 230 + 252 & 728 &:= 4^4 + 7^1 + 17^0 + 21^2 + 23^1 = 44 + 71 + 170 + 212 + 231 \\ 728 &:= 3^4 + 6^1 + 15^1 + 23^0 + 25^2 = 34 + 61 + 151 + 230 + 252 & 728 &:= 4^4 + 8^1 + 17^0 + 21^2 + 22^1 = 44 + 81 + 170 + 212 + 221 \\ 728 &:= 3^4 + 7^1 + 14^1 + 23^0 + 25^2 = 34 + 71 + 141 + 230 + 252 & 728 &:= 4^4 + 9^1 + 17^0 + 21^1 + 21^2 = 44 + 91 + 170 + 211 + 212 \\ 728 &:= 3^4 + 8^1 + 13^1 + 23^0 + 25^2 = 34 + 81 + 131 + 230 + 252 & 728 &:= 5^1 + 11^2 + 16^2 + 18^2 + 22^1 = 51 + 112 + 162 + 182 + 221 \\ 728 &:= 3^4 + 9^1 + 12^1 + 23^0 + 25^2 = 34 + 91 + 121 + 230 + 252 & 728 &:= 5^1 + 12^2 + 14^2 + 19^2 + 22^1 = 51 + 122 + 142 + 192 + 221 \\ 728 &:= 4^1 + 11^2 + 16^2 + 18^2 + 23^1 = 41 + 112 + 162 + 182 + 231 & 728 &:= 5^1 + 7^2 + 17^2 + 19^2 + 24^1 = 51 + 72 + 172 + 192 + 241 \\ 728 &:= 4^1 + 12^2 + 14^2 + 19^2 + 23^1 = 41 + 122 + 142 + 192 + 231 & 728 &:= 5^2 + 6^2 + 15^2 + 21^2 + 25^0 = 52 + 62 + 152 + 212 + 250 \\ 728 &:= 4^1 + 4^4 + 17^0 + 21^2 + 26^1 = 41 + 44 + 170 + 212 + 261 & 728 &:= 5^2 + 7^2 + 13^2 + 22^2 + 25^0 = 52 + 72 + 132 + 222 + 250 \\ 728 &:= 4^1 + 7^2 + 17^2 + 19^2 + 25^1 = 41 + 72 + 172 + 192 + 251 & 728 &:= 5^2 + 8^3 + 13^2 + 21^1 + 25^0 = 52 + 83 + 132 + 211 + 250 \\ 728 &:= 4^2 + 10^1 + 14^2 + 22^1 + 22^2 = 42 + 101 + 142 + 221 + 222 & 728 &:= 5^3 + 10^2 + 17^0 + 18^1 + 22^2 = 53 + 102 + 170 + 181 + 222 \\ 728 &:= 4^2 + 11^1 + 14^2 + 21^1 + 22^2 = 42 + 111 + 142 + 211 + 222 & 728 &:= 5^3 + 11^0 + 16^2 + 18^2 + 22^1 = 53 + 110 + 162 + 182 + 221 \\ 728 &:= 4^2 + 12^1 + 14^2 + 20^1 + 22^2 = 42 + 121 + 142 + 201 + 222 & 728 &:= 5^3 + 12^2 + 17^0 + 17^1 + 21^2 = 53 + 122 + 170 + 171 + 212 \\ 728 &:= 4^2 + 13^1 + 14^2 + 19^1 + 22^2 = 42 + 131 + 142 + 191 + 222 & 728 &:= 5^3 + 15^2 + 16^1 + 17^0 + 19^2 = 53 + 152 + 161 + 170 + 192 \\ 728 &:= 4^2 + 14^1 + 14^2 + 18^1 + 22^2 = 42 + 141 + 142 + 181 + 222 & 728 &:= 5^3 + 6^1 + 14^2 + 20^2 + 27^0 = 53 + 61 + 142 + 202 + 270 \\ 728 &:= 4^2 + 14^2 + 15^1 + 17^1 + 22^2 = 42 + 142 + 151 + 171 + 222 & 728 &:= 5^3 + 7^2 + 13^0 + 23^2 + 24^1 = 53 + 72 + 130 + 232 + 241 \\ 728 &:= 4^2 + 14^2 + 16^1 + 16^1 + 22^2 = 42 + 142 + 161 + 161 + 222 & 728 &:= 5^3 + 8^2 + 9^1 + 23^2 + 27^0 = 53 + 82 + 91 + 232 + 270 \\ 728 &:= 4^2 + 4^3 + 17^0 + 22^1 + 25^2 = 42 + 43 + 170 + 221 + 252 & 728 &:= 5^3 + 9^0 + 17^2 + 17^2 + 24^1 = 53 + 90 + 172 + 172 + 241 \\ 728 &:= 4^2 + 5^1 + 14^2 + 22^2 + 27^1 = 42 + 51 + 142 + 222 + 271 & 728 &:= 5^4 + 7^0 + 7^2 + 26^1 + 27^1 = 54 + 70 + 72 + 261 + 271 \\ 728 &:= 4^2 + 6^1 + 14^2 + 22^2 + 26^1 = 42 + 61 + 142 + 222 + 261 & 728 &:= 5^4 + 8^2 + 11^1 + 21^0 + 27^1 = 54 + 82 + 111 + 210 + 271 \\ 728 &:= 4^2 + 7^1 + 14^2 + 22^2 + 25^1 = 42 + 71 + 142 + 222 + 251 & 728 &:= 5^4 + 8^2 + 12^1 + 21^0 + 26^1 = 54 + 82 + 121 + 210 + 261 \\ 728 &:= 4^2 + 8^1 + 14^2 + 22^2 + 24^1 = 42 + 81 + 142 + 222 + 241 & 728 &:= 5^4 + 8^2 + 13^1 + 21^0 + 25^1 = 54 + 82 + 131 + 210 + 251 \\ 728 &:= 4^2 + 9^1 + 14^2 + 22^2 + 23^1 = 42 + 91 + 142 + 222 + 231 & 728 &:= 5^4 + 8^2 + 14^1 + 21^0 + 24^1 = 54 + 82 + 141 + 210 + 241 \\ 728 &:= 4^3 + 10^1 + 13^2 + 22^2 + 23^0 = 43 + 101 + 132 + 222 + 230 & 728 &:= 5^4 + 8^2 + 15^1 + 21^0 + 23^1 = 54 + 82 + 151 + 210 + 231 \\ 728 &:= 4^3 + 11^2 + 13^1 + 21^0 + 23^2 = 43 + 112 + 131 + 210 + 232 & 728 &:= 5^4 + 8^2 + 16^1 + 21^0 + 22^1 = 54 + 82 + 161 + 210 + 221 \\ 728 &:= 4^3 + 13^1 + 17^2 + 19^0 + 19^2 = 43 + 131 + 172 + 190 + 192 & 728 &:= 5^4 + 8^2 + 17^1 + 21^0 + 21^1 = 54 + 82 + 171 + 210 + 211 \\ 728 &:= 4^3 + 15^1 + 17^0 + 18^2 + 18^2 = 43 + 151 + 170 + 182 + 182 & 728 &:= 5^4 + 8^2 + 18^1 + 20^1 + 21^0 = 54 + 82 + 181 + 201 + 210 \\ 728 &:= 4^3 + 5^2 + 13^1 + 25^0 + 25^2 = 43 + 52 + 131 + 250 + 252 & 728 &:= 5^4 + 8^2 + 19^1 + 19^1 + 21^0 = 54 + 82 + 191 + 191 + 210 \\ 728 &:= 4^3 + 7^0 + 14^2 + 21^2 + 26^1 = 43 + 70 + 142 + 212 + 261 & 728 &:= 6^1 + 11^2 + 16^2 + 18^2 + 21^1 = 61 + 112 + 162 + 182 + 211 \\ 728 &:= 4^3 + 7^1 + 16^2 + 20^2 + 25^0 = 43 + 71 + 162 + 202 + 250 & 728 &:= 6^1 + 12^2 + 14^2 + 19^2 + 21^1 = 61 + 122 + 142 + 192 + 211 \\ 728 &:= 4^3 + 8^2 + 13^0 + 23^1 + 24^2 = 43 + 82 + 130 + 231 + 242 & 728 &:= 6^1 + 7^2 + 17^2 + 19^2 + 23^1 = 61 + 72 + 172 + 192 + 231 \\ 728 &:= 4^4 + 10^1 + 17^0 + 20^1 + 21^2 = 44 + 101 + 170 + 201 + 212 & 728 &:= 6^2 + 7^3 + 17^0 + 18^2 + 24^1 = 62 + 73 + 170 + 182 + 241 \\ 728 &:= 4^4 + 11^1 + 17^0 + 19^1 + 21^2 = 44 + 111 + 170 + 191 + 212 & 728 &:= 6^2 + 9^2 + 13^2 + 21^2 + 23^0 = 62 + 92 + 132 + 212 + 230 \end{aligned}$$

$$\begin{aligned}
 728 &:= 6^2 + 9^2 + 9^2 + 23^2 + 25^0 = 62 + 92 + 92 + 232 + 250 & 728 &:= 7^2 + 9^1 + 17^2 + 19^2 + 20^1 = 72 + 91 + 172 + 192 + 201 \\
 728 &:= 6^3 + 10^2 + 11^1 + 20^2 + 25^0 = 63 + 102 + 111 + 202 + 250 & 728 &:= 7^3 + 12^2 + 15^1 + 15^2 + 23^0 = 73 + 122 + 151 + 152 + 230 \\
 728 &:= 6^3 + 13^2 + 17^0 + 18^1 + 18^2 = 63 + 132 + 170 + 181 + 182 & 728 &:= 7^3 + 13^2 + 14^2 + 19^0 + 19^1 = 73 + 132 + 142 + 190 + 191 \\
 728 &:= 6^3 + 7^2 + 17^0 + 21^1 + 21^2 = 63 + 72 + 170 + 211 + 212 & 728 &:= 7^3 + 7^3 + 14^1 + 17^0 + 27^1 = 73 + 73 + 141 + 170 + 271 \\
 728 &:= 6^3 + 9^0 + 14^2 + 17^2 + 26^1 = 63 + 90 + 142 + 172 + 261 & 728 &:= 7^3 + 7^3 + 15^1 + 17^0 + 26^1 = 73 + 73 + 151 + 170 + 261 \\
 728 &:= 7^1 + 11^2 + 16^2 + 18^2 + 20^1 = 71 + 112 + 162 + 182 + 201 & 728 &:= 7^3 + 7^3 + 16^1 + 17^0 + 25^1 = 73 + 73 + 161 + 170 + 251 \\
 728 &:= 7^1 + 12^2 + 14^2 + 19^2 + 20^1 = 71 + 122 + 142 + 192 + 201 & 728 &:= 7^3 + 7^3 + 17^0 + 17^1 + 24^1 = 73 + 73 + 170 + 171 + 241 \\
 728 &:= 7^1 + 7^2 + 17^2 + 19^2 + 22^1 = 71 + 72 + 172 + 192 + 221 & 728 &:= 7^3 + 7^3 + 17^0 + 18^1 + 23^1 = 73 + 73 + 170 + 181 + 231 \\
 728 &:= 7^2 + 10^1 + 17^2 + 19^1 + 19^2 = 72 + 101 + 172 + 191 + 192 & 728 &:= 7^3 + 7^3 + 17^0 + 19^1 + 22^1 = 73 + 73 + 170 + 191 + 221 \\
 728 &:= 7^2 + 10^2 + 17^2 + 17^2 + 21^0 = 72 + 102 + 172 + 172 + 210 & 728 &:= 7^3 + 7^3 + 17^0 + 20^1 + 21^1 = 73 + 73 + 170 + 201 + 211 \\
 728 &:= 7^2 + 11^1 + 17^2 + 18^1 + 19^2 = 72 + 111 + 172 + 181 + 192 & 728 &:= 7^3 + 9^2 + 14^1 + 17^2 + 25^0 = 73 + 92 + 141 + 172 + 250 \\
 728 &:= 7^2 + 11^2 + 14^2 + 19^2 + 21^0 = 72 + 112 + 142 + 192 + 210 & 728 &:= 8^1 + 11^2 + 16^2 + 18^2 + 19^1 = 81 + 112 + 162 + 182 + 191 \\
 728 &:= 7^2 + 12^1 + 17^1 + 17^2 + 19^2 = 72 + 121 + 171 + 172 + 192 & 728 &:= 8^1 + 12^2 + 14^2 + 19^1 + 19^2 = 81 + 122 + 142 + 191 + 192 \\
 728 &:= 7^2 + 13^1 + 16^1 + 17^2 + 19^2 = 72 + 131 + 161 + 172 + 192 & 728 &:= 9^1 + 11^2 + 16^2 + 18^1 + 18^2 = 91 + 112 + 162 + 181 + 182 \\
 728 &:= 7^2 + 14^1 + 15^1 + 17^2 + 19^2 = 72 + 141 + 151 + 172 + 192 & 728 &:= 9^1 + 12^2 + 14^2 + 18^1 + 19^2 = 91 + 122 + 142 + 181 + 192 \\
 728 &:= 7^2 + 7^2 + 10^2 + 23^2 + 25^0 = 72 + 72 + 102 + 232 + 250 & 728 &:= 9^2 + 14^2 + 15^2 + 15^2 + 19^0 = 92 + 142 + 152 + 152 + 190 \\
 728 &:= 7^2 + 8^1 + 17^2 + 19^2 + 21^1 = 72 + 81 + 172 + 192 + 211 & 728 &:= 9^2 + 9^2 + 9^2 + 22^2 + 23^0 = 92 + 92 + 92 + 222 + 230 \\
 728 &:= 7^2 + 8^3 + 12^2 + 22^1 + 23^0 = 72 + 83 + 122 + 221 + 230
 \end{aligned}$$

2.2.630 Number 729

$$\begin{aligned}
 729 &:= 1^2 + 3^5 + 22^2 + 46^0 = 12 + 35 + 222 + 460 & 729 &:= 2^1 + 2^5 + 18^1 + 24^0 + 26^2 = 21 + 25 + 181 + 240 + 262 \\
 729 &:= 2^6 + 6^0 + 25^2 + 39^1 = 26 + 60 + 252 + 391 & 729 &:= 2^2 + 3^4 + 18^1 + 24^0 + 25^2 = 22 + 34 + 181 + 240 + 252 \\
 729 &:= 2^8 + 2^8 + 6^3 + 61^0 = 28 + 28 + 63 + 610 & 729 &:= 2^2 + 4^4 + 18^0 + 21^2 + 27^1 = 22 + 44 + 180 + 212 + 271 \\
 729 &:= 3^4 + 5^4 + 22^1 + 42^0 = 34 + 54 + 221 + 420 & 729 &:= 2^3 + 3^3 + 17^1 + 24^0 + 26^2 = 23 + 33 + 171 + 240 + 262 \\
 729 &:= 3^5 + 14^2 + 17^2 + 38^0 = 35 + 142 + 172 + 380 & 729 &:= 2^3 + 5^3 + 19^1 + 22^0 + 24^2 = 23 + 53 + 191 + 220 + 242 \\
 729 &:= 4^4 + 6^3 + 16^2 + 46^0 = 44 + 63 + 162 + 460 & 729 &:= 2^3 + 6^3 + 20^1 + 22^0 + 22^2 = 23 + 63 + 201 + 220 + 222 \\
 729 &:= 1^1 + 2^5 + 19^1 + 24^0 + 26^2 = 11 + 25 + 191 + 240 + 262 & 729 &:= 2^3 + 8^2 + 16^2 + 20^2 + 26^0 = 23 + 82 + 162 + 202 + 260 \\
 729 &:= 1^2 + 3^4 + 21^1 + 22^0 + 25^2 = 12 + 34 + 211 + 220 + 252 & 729 &:= 2^4 + 10^0 + 17^2 + 20^2 + 23^1 = 24 + 100 + 172 + 202 + 231 \\
 729 &:= 1^3 + 3^3 + 18^0 + 24^1 + 26^2 = 13 + 33 + 180 + 241 + 262 & 729 &:= 2^4 + 11^2 + 15^1 + 20^0 + 24^2 = 24 + 112 + 151 + 200 + 242 \\
 729 &:= 1^3 + 5^3 + 16^0 + 24^2 + 26^1 = 13 + 53 + 160 + 242 + 261 & 729 &:= 2^4 + 13^2 + 14^1 + 20^0 + 23^2 = 24 + 132 + 141 + 200 + 232 \\
 729 &:= 1^3 + 6^3 + 16^0 + 22^2 + 27^1 = 13 + 63 + 160 + 222 + 271 & 729 &:= 2^4 + 15^1 + 16^2 + 18^0 + 21^2 = 24 + 151 + 162 + 180 + 212 \\
 729 &:= 1^3 + 7^3 + 19^2 + 22^0 + 23^1 = 13 + 73 + 192 + 220 + 231 & 729 &:= 2^4 + 3^2 + 14^0 + 26^2 + 27^1 = 24 + 32 + 140 + 262 + 271 \\
 729 &:= 1^4 + 15^2 + 16^0 + 18^1 + 22^2 = 14 + 152 + 160 + 181 + 222 & 729 &:= 2^4 + 4^2 + 20^0 + 20^1 + 26^2 = 24 + 42 + 200 + 201 + 262 \\
 729 &:= 1^4 + 5^2 + 14^0 + 26^1 + 26^2 = 14 + 52 + 140 + 261 + 262 & 729 &:= 2^4 + 6^0 + 18^2 + 19^2 + 27^1 = 24 + 60 + 182 + 192 + 271 \\
 729 &:= 1^4 + 6^2 + 15^1 + 24^0 + 26^2 = 14 + 62 + 151 + 240 + 262 & 729 &:= 2^4 + 8^2 + 14^0 + 23^1 + 25^2 = 24 + 82 + 140 + 231 + 252 \\
 729 &:= 1^4 + 9^2 + 16^0 + 21^1 + 25^2 = 14 + 92 + 160 + 211 + 252 & 729 &:= 2^5 + 10^1 + 10^1 + 24^0 + 26^2 = 25 + 101 + 101 + 240 + 262 \\
 729 &:= 1^9 + 2^7 + 21^0 + 23^1 + 24^2 = 19 + 27 + 210 + 231 + 242 & 729 &:= 2^5 + 3^1 + 17^1 + 24^0 + 26^2 = 25 + 31 + 171 + 240 + 262
 \end{aligned}$$

$$\begin{aligned}
 729 &:= 2^5 + 4^1 + 16^1 + 24^0 + 26^2 = 25 + 41 + 161 + 240 + 262 \\
 729 &:= 2^5 + 5^1 + 15^1 + 24^0 + 26^2 = 25 + 51 + 151 + 240 + 262 \\
 729 &:= 2^5 + 6^1 + 14^1 + 24^0 + 26^2 = 25 + 61 + 141 + 240 + 262 \\
 729 &:= 2^5 + 7^1 + 13^1 + 24^0 + 26^2 = 25 + 71 + 131 + 240 + 262 \\
 729 &:= 2^5 + 8^1 + 12^1 + 24^0 + 26^2 = 25 + 81 + 121 + 240 + 262 \\
 729 &:= 2^5 + 9^1 + 11^1 + 24^0 + 26^2 = 25 + 91 + 111 + 240 + 262 \\
 729 &:= 3^2 + 4^4 + 21^2 + 22^0 + 22^1 = 32 + 44 + 212 + 220 + 221 \\
 729 &:= 3^3 + 11^2 + 16^2 + 18^2 + 24^0 = 33 + 112 + 162 + 182 + 240 \\
 729 &:= 3^3 + 12^2 + 14^2 + 19^2 + 24^0 = 33 + 122 + 142 + 192 + 240 \\
 729 &:= 3^3 + 8^2 + 14^2 + 21^2 + 26^0 = 33 + 82 + 142 + 212 + 260 \\
 729 &:= 3^4 + 10^1 + 14^2 + 21^2 + 24^0 = 34 + 101 + 142 + 212 + 240 \\
 729 &:= 3^4 + 10^2 + 18^0 + 18^1 + 23^2 = 34 + 102 + 180 + 181 + 232 \\
 729 &:= 3^4 + 12^0 + 15^2 + 20^2 + 22^1 = 34 + 120 + 152 + 202 + 221 \\
 729 &:= 3^4 + 12^2 + 16^0 + 19^1 + 22^2 = 34 + 122 + 160 + 191 + 222 \\
 729 &:= 3^4 + 5^4 + 16^0 + 21^1 + 27^0 = 34 + 54 + 160 + 211 + 270 \\
 729 &:= 3^4 + 5^4 + 17^0 + 21^1 + 26^0 = 34 + 54 + 170 + 211 + 260 \\
 729 &:= 3^4 + 5^4 + 18^0 + 21^1 + 25^0 = 34 + 54 + 180 + 211 + 250 \\
 729 &:= 3^4 + 5^4 + 19^0 + 21^1 + 24^0 = 34 + 54 + 190 + 211 + 240 \\
 729 &:= 3^4 + 5^4 + 20^0 + 21^1 + 23^0 = 34 + 54 + 200 + 211 + 230 \\
 729 &:= 3^4 + 5^4 + 21^0 + 21^1 + 22^0 = 34 + 54 + 210 + 211 + 220 \\
 729 &:= 3^4 + 7^2 + 16^0 + 22^1 + 24^2 = 34 + 72 + 160 + 221 + 242 \\
 729 &:= 3^5 + 4^0 + 17^1 + 21^2 + 27^1 = 35 + 40 + 171 + 212 + 271 \\
 729 &:= 3^5 + 4^0 + 18^1 + 21^2 + 26^1 = 35 + 40 + 181 + 212 + 261 \\
 729 &:= 3^5 + 4^0 + 19^1 + 21^2 + 25^1 = 35 + 40 + 191 + 212 + 251
 \end{aligned}$$

$$\begin{aligned}
 729 &:= 3^5 + 4^0 + 20^1 + 21^2 + 24^1 = 35 + 40 + 201 + 212 + 241 \\
 729 &:= 3^5 + 4^0 + 21^1 + 21^2 + 23^1 = 35 + 40 + 211 + 212 + 231 \\
 729 &:= 3^5 + 4^0 + 21^2 + 22^1 + 22^1 = 35 + 40 + 212 + 221 + 221 \\
 729 &:= 4^3 + 12^2 + 14^2 + 18^2 + 24^0 = 43 + 122 + 142 + 182 + 240 \\
 729 &:= 4^3 + 4^3 + 16^0 + 24^1 + 24^2 = 43 + 43 + 160 + 241 + 242 \\
 729 &:= 4^3 + 5^4 + 12^1 + 24^0 + 27^1 = 43 + 54 + 121 + 240 + 271 \\
 729 &:= 4^3 + 5^4 + 13^1 + 24^0 + 26^1 = 43 + 54 + 131 + 240 + 261 \\
 729 &:= 4^3 + 5^4 + 14^1 + 24^0 + 25^1 = 43 + 54 + 141 + 240 + 251 \\
 729 &:= 4^3 + 5^4 + 15^1 + 24^0 + 24^1 = 43 + 54 + 151 + 240 + 241 \\
 729 &:= 4^3 + 5^4 + 16^1 + 23^1 + 24^0 = 43 + 54 + 161 + 231 + 240 \\
 729 &:= 4^3 + 5^4 + 17^1 + 22^1 + 24^0 = 43 + 54 + 171 + 221 + 240 \\
 729 &:= 4^3 + 5^4 + 18^1 + 21^1 + 24^0 = 43 + 54 + 181 + 211 + 240 \\
 729 &:= 4^3 + 5^4 + 19^1 + 20^1 + 24^0 = 43 + 54 + 191 + 201 + 240 \\
 729 &:= 4^4 + 11^2 + 12^0 + 18^2 + 27^1 = 44 + 112 + 120 + 182 + 271 \\
 729 &:= 4^4 + 13^2 + 14^1 + 17^2 + 24^0 = 44 + 132 + 141 + 172 + 240 \\
 729 &:= 4^4 + 14^2 + 16^2 + 18^0 + 20^1 = 44 + 142 + 162 + 180 + 201 \\
 729 &:= 4^4 + 15^2 + 15^2 + 16^0 + 22^1 = 44 + 152 + 152 + 160 + 221 \\
 729 &:= 4^4 + 7^2 + 18^0 + 20^2 + 23^1 = 44 + 72 + 180 + 202 + 231 \\
 729 &:= 5^3 + 11^2 + 11^2 + 19^2 + 26^0 = 53 + 112 + 112 + 192 + 260 \\
 729 &:= 5^3 + 6^3 + 16^0 + 19^2 + 26^1 = 53 + 63 + 160 + 192 + 261 \\
 729 &:= 5^3 + 8^2 + 8^3 + 24^0 + 27^1 = 53 + 82 + 83 + 240 + 271 \\
 729 &:= 6^3 + 7^3 + 12^2 + 22^0 + 25^1 = 63 + 73 + 122 + 220 + 251
 \end{aligned}$$

2.2.631 Number 730

$$\begin{aligned}
 730 &:= 1^4 + 6^3 + 8^3 + 57^0 = 14 + 63 + 83 + 570 \\
 730 &:= 1^8 + 2^9 + 6^3 + 62^0 = 18 + 29 + 63 + 620 \\
 730 &:= 2^7 + 21^0 + 24^2 + 25^1 = 27 + 210 + 242 + 251 \\
 730 &:= 3^5 + 5^3 + 19^2 + 45^0 = 35 + 53 + 192 + 450 \\
 730 &:= 1^0 + 2^7 + 21^0 + 24^1 + 24^2 = 10 + 27 + 210 + 241 + 242 \\
 730 &:= 1^2 + 2^5 + 20^1 + 23^0 + 26^2 = 12 + 25 + 201 + 230 + 262 \\
 730 &:= 1^3 + 3^4 + 21^0 + 22^1 + 25^2 = 13 + 34 + 210 + 221 + 252 \\
 730 &:= 1^3 + 3^5 + 19^0 + 22^2 + 27^0 = 13 + 35 + 190 + 222 + 270 \\
 730 &:= 1^3 + 3^5 + 20^0 + 22^2 + 26^0 = 13 + 35 + 200 + 222 + 260 \\
 730 &:= 1^3 + 3^5 + 21^0 + 22^2 + 25^0 = 13 + 35 + 210 + 222 + 250 \\
 730 &:= 1^3 + 3^5 + 22^0 + 22^2 + 24^0 = 13 + 35 + 220 + 222 + 240 \\
 730 &:= 1^3 + 3^5 + 22^2 + 23^0 + 23^0 = 13 + 35 + 222 + 230 + 230
 \end{aligned}$$

$$\begin{aligned}
 730 &:= 1^4 + 10^2 + 12^2 + 22^2 + 27^0 = 14 + 102 + 122 + 222 + 270 \\
 730 &:= 1^4 + 3^3 + 17^0 + 25^1 + 26^2 = 14 + 33 + 170 + 251 + 262 \\
 730 &:= 1^4 + 5^3 + 15^0 + 24^2 + 27^1 = 14 + 53 + 150 + 242 + 271 \\
 730 &:= 1^4 + 7^3 + 19^2 + 21^0 + 24^1 = 14 + 73 + 192 + 210 + 241 \\
 730 &:= 1^5 + 15^0 + 15^2 + 19^1 + 22^2 = 15 + 150 + 152 + 191 + 222 \\
 730 &:= 1^5 + 5^2 + 13^0 + 26^2 + 27^1 = 15 + 52 + 130 + 262 + 271 \\
 730 &:= 1^5 + 6^1 + 19^2 + 19^2 + 27^0 = 15 + 61 + 192 + 192 + 270 \\
 730 &:= 1^5 + 6^2 + 16^1 + 23^0 + 26^2 = 15 + 62 + 161 + 230 + 262 \\
 730 &:= 1^5 + 8^1 + 12^2 + 24^2 + 27^0 = 15 + 81 + 122 + 242 + 270 \\
 730 &:= 1^5 + 9^2 + 15^0 + 22^1 + 25^2 = 15 + 92 + 150 + 221 + 252 \\
 730 &:= 2^0 + 2^7 + 20^0 + 24^1 + 24^2 = 20 + 27 + 200 + 241 + 242 \\
 730 &:= 2^2 + 2^5 + 17^1 + 25^0 + 26^2 = 22 + 25 + 171 + 250 + 262
 \end{aligned}$$

$$\begin{aligned}
 730 &:= 2^3 + 10^2 + 14^2 + 20^2 + 26^1 = 23 + 102 + 142 + 202 + 261 \\
 730 &:= 2^3 + 3^4 + 15^1 + 25^2 + 27^0 = 23 + 34 + 151 + 252 + 270 \\
 730 &:= 2^3 + 4^4 + 21^0 + 21^2 + 24^1 = 23 + 44 + 210 + 212 + 241 \\
 730 &:= 2^4 + 10^1 + 14^2 + 22^2 + 24^1 = 24 + 101 + 142 + 222 + 241 \\
 730 &:= 2^4 + 10^2 + 17^2 + 18^2 + 25^0 = 24 + 102 + 172 + 182 + 250 \\
 730 &:= 2^4 + 11^1 + 14^2 + 22^2 + 23^1 = 24 + 111 + 142 + 222 + 231 \\
 730 &:= 2^4 + 12^1 + 14^2 + 22^1 + 22^2 = 24 + 121 + 142 + 221 + 222 \\
 730 &:= 2^4 + 12^2 + 13^2 + 20^2 + 25^0 = 24 + 122 + 132 + 202 + 250 \\
 730 &:= 2^4 + 13^1 + 14^2 + 21^1 + 22^2 = 24 + 131 + 142 + 211 + 222 \\
 730 &:= 2^4 + 14^1 + 14^2 + 20^1 + 22^2 = 24 + 141 + 142 + 201 + 222 \\
 730 &:= 2^4 + 14^2 + 15^1 + 19^1 + 22^2 = 24 + 142 + 151 + 191 + 222 \\
 730 &:= 2^4 + 14^2 + 16^1 + 18^1 + 22^2 = 24 + 142 + 161 + 181 + 222 \\
 730 &:= 2^4 + 14^2 + 17^1 + 17^1 + 22^2 = 24 + 142 + 171 + 171 + 222 \\
 730 &:= 2^4 + 4^3 + 17^0 + 24^1 + 25^2 = 24 + 43 + 170 + 241 + 252 \\
 730 &:= 2^4 + 7^1 + 14^2 + 22^2 + 27^1 = 24 + 71 + 142 + 222 + 271 \\
 730 &:= 2^4 + 8^1 + 14^2 + 22^2 + 26^1 = 24 + 81 + 142 + 222 + 261 \\
 730 &:= 2^4 + 9^1 + 14^2 + 22^2 + 25^1 = 24 + 91 + 142 + 222 + 251 \\
 730 &:= 2^5 + 10^2 + 15^0 + 21^1 + 24^2 = 25 + 102 + 150 + 211 + 242 \\
 730 &:= 2^5 + 11^0 + 12^2 + 23^2 + 24^1 = 25 + 110 + 122 + 232 + 241 \\
 730 &:= 2^5 + 12^1 + 18^2 + 19^2 + 21^0 = 25 + 121 + 182 + 192 + 210 \\
 730 &:= 2^5 + 14^2 + 17^0 + 17^1 + 22^2 = 25 + 142 + 170 + 171 + 222 \\
 730 &:= 2^5 + 7^2 + 15^0 + 23^1 + 25^2 = 25 + 72 + 150 + 231 + 252 \\
 730 &:= 2^5 + 8^1 + 17^2 + 20^2 + 25^0 = 25 + 81 + 172 + 202 + 250 \\
 730 &:= 2^6 + 5^0 + 13^1 + 25^2 + 27^1 = 26 + 50 + 131 + 252 + 271 \\
 730 &:= 2^6 + 5^0 + 14^1 + 25^2 + 26^1 = 26 + 50 + 141 + 252 + 261 \\
 730 &:= 2^6 + 5^0 + 15^1 + 25^1 + 25^2 = 26 + 50 + 151 + 251 + 252 \\
 730 &:= 2^6 + 5^0 + 16^1 + 24^1 + 25^2 = 26 + 50 + 161 + 241 + 252
 \end{aligned}$$

$$\begin{aligned}
 730 &:= 2^6 + 5^0 + 17^1 + 23^1 + 25^2 = 26 + 50 + 171 + 231 + 252 \\
 730 &:= 2^6 + 5^0 + 18^1 + 22^1 + 25^2 = 26 + 50 + 181 + 221 + 252 \\
 730 &:= 2^6 + 5^0 + 19^1 + 21^1 + 25^2 = 26 + 50 + 191 + 211 + 252 \\
 730 &:= 2^6 + 5^0 + 20^1 + 20^1 + 25^2 = 26 + 50 + 201 + 201 + 252 \\
 730 &:= 2^7 + 10^0 + 12^0 + 24^1 + 24^2 = 27 + 100 + 120 + 241 + 242 \\
 730 &:= 2^7 + 11^0 + 11^0 + 24^1 + 24^2 = 27 + 110 + 110 + 241 + 242 \\
 730 &:= 2^7 + 3^0 + 19^0 + 24^1 + 24^2 = 27 + 30 + 190 + 241 + 242 \\
 730 &:= 2^7 + 4^0 + 18^0 + 24^1 + 24^2 = 27 + 40 + 180 + 241 + 242 \\
 730 &:= 2^7 + 5^0 + 17^0 + 24^1 + 24^2 = 27 + 50 + 170 + 241 + 242 \\
 730 &:= 2^7 + 6^0 + 16^0 + 24^1 + 24^2 = 27 + 60 + 160 + 241 + 242 \\
 730 &:= 2^7 + 7^0 + 15^0 + 24^1 + 24^2 = 27 + 70 + 150 + 241 + 242 \\
 730 &:= 2^7 + 8^0 + 14^0 + 24^1 + 24^2 = 27 + 80 + 140 + 241 + 242 \\
 730 &:= 2^7 + 9^0 + 13^0 + 24^1 + 24^2 = 27 + 90 + 130 + 241 + 242 \\
 730 &:= 3^3 + 10^2 + 17^2 + 17^2 + 25^1 = 33 + 102 + 172 + 172 + 251 \\
 730 &:= 3^3 + 11^2 + 14^2 + 19^2 + 25^1 = 33 + 112 + 142 + 192 + 251 \\
 730 &:= 3^3 + 8^2 + 17^2 + 18^2 + 26^1 = 33 + 82 + 172 + 182 + 261 \\
 730 &:= 3^3 + 9^2 + 14^2 + 20^2 + 26^1 = 33 + 92 + 142 + 202 + 261 \\
 730 &:= 3^4 + 14^2 + 14^2 + 16^2 + 25^0 = 34 + 142 + 142 + 162 + 250 \\
 730 &:= 3^5 + 10^2 + 15^0 + 19^2 + 25^1 = 35 + 102 + 150 + 192 + 251 \\
 730 &:= 3^5 + 12^2 + 18^1 + 18^2 + 21^0 = 35 + 122 + 181 + 182 + 210 \\
 730 &:= 3^5 + 5^2 + 20^1 + 21^2 + 23^0 = 35 + 52 + 201 + 212 + 230 \\
 730 &:= 3^5 + 8^2 + 19^0 + 20^2 + 22^1 = 35 + 82 + 190 + 202 + 221 \\
 730 &:= 4^3 + 11^2 + 14^2 + 18^2 + 25^1 = 43 + 112 + 142 + 182 + 251 \\
 730 &:= 4^4 + 5^3 + 18^2 + 21^0 + 24^1 = 44 + 53 + 182 + 210 + 241 \\
 730 &:= 5^3 + 11^2 + 13^2 + 17^2 + 26^1 = 53 + 112 + 132 + 172 + 261 \\
 730 &:= 5^3 + 8^2 + 15^2 + 17^2 + 27^1 = 53 + 82 + 152 + 172 + 271
 \end{aligned}$$

2.2.632 Number 731

$$\begin{aligned}
 731 &:= 1^5 + 3^6 + 68^0 = 15 + 36 + 680 \\
 731 &:= 1^8 + 9^3 + 62^0 = 18 + 93 + 620 \\
 731 &:= 1^9 + 27^2 + 44^0 = 19 + 272 + 440 \\
 731 &:= 1^5 + 3^6 + 68^0 = 15 + 36 + 680 \\
 731 &:= 1^8 + 9^3 + 62^0 = 18 + 93 + 620 \\
 731 &:= 2^6 + 5^4 + 24^0 + 41^1 = 26 + 54 + 240 + 411 \\
 731 &:= 2^8 + 16^0 + 21^2 + 33^1 = 28 + 160 + 212 + 331 \\
 731 &:= 1^1 + 2^7 + 20^0 + 24^2 + 25^1 = 11 + 27 + 200 + 242 + 251
 \end{aligned}$$

$$\begin{aligned}
 731 &:= 1^3 + 2^5 + 21^1 + 22^0 + 26^2 = 13 + 25 + 211 + 220 + 262 \\
 731 &:= 1^4 + 3^4 + 20^0 + 23^1 + 25^2 = 14 + 34 + 200 + 231 + 252 \\
 731 &:= 1^5 + 12^2 + 12^2 + 21^2 + 26^0 = 15 + 122 + 122 + 212 + 260 \\
 731 &:= 1^5 + 3^3 + 16^0 + 26^1 + 26^2 = 15 + 33 + 160 + 261 + 262 \\
 731 &:= 1^5 + 7^3 + 19^2 + 20^0 + 25^1 = 15 + 73 + 192 + 200 + 251 \\
 731 &:= 1^5 + 9^2 + 18^2 + 18^2 + 26^0 = 15 + 92 + 182 + 182 + 260 \\
 731 &:= 1^6 + 14^0 + 15^2 + 20^1 + 22^2 = 16 + 140 + 152 + 201 + 222 \\
 731 &:= 1^6 + 6^2 + 17^1 + 22^0 + 26^2 = 16 + 62 + 171 + 220 + 262
 \end{aligned}$$

$$\begin{aligned}
 731 &:= 1^6 + 7^1 + 19^2 + 19^2 + 26^0 = 16 + 71 + 192 + 192 + 260 \\
 731 &:= 1^6 + 9^1 + 12^2 + 24^2 + 26^0 = 16 + 91 + 122 + 242 + 260 \\
 731 &:= 1^6 + 9^2 + 14^0 + 23^1 + 25^2 = 16 + 92 + 140 + 231 + 252 \\
 731 &:= 2^1 + 2^7 + 20^0 + 24^1 + 24^2 = 21 + 27 + 200 + 241 + 242 \\
 731 &:= 2^4 + 2^4 + 20^0 + 22^1 + 26^2 = 24 + 24 + 200 + 221 + 262 \\
 731 &:= 2^5 + 4^4 + 18^0 + 21^2 + 27^0 = 25 + 44 + 180 + 212 + 270 \\
 731 &:= 2^5 + 4^4 + 19^0 + 21^2 + 26^0 = 25 + 44 + 190 + 212 + 260 \\
 731 &:= 2^5 + 4^4 + 20^0 + 21^2 + 25^0 = 25 + 44 + 200 + 212 + 250 \\
 731 &:= 2^5 + 4^4 + 21^0 + 21^2 + 24^0 = 25 + 44 + 210 + 212 + 240 \\
 731 &:= 2^5 + 4^4 + 21^2 + 22^0 + 23^0 = 25 + 44 + 212 + 220 + 230 \\
 731 &:= 2^5 + 9^2 + 16^2 + 19^2 + 26^0 = 25 + 92 + 162 + 192 + 260 \\
 731 &:= 2^6 + 10^1 + 16^2 + 20^2 + 24^0 = 26 + 101 + 162 + 202 + 240 \\
 731 &:= 2^6 + 11^2 + 16^1 + 20^0 + 23^2 = 26 + 112 + 161 + 200 + 232 \\
 731 &:= 2^6 + 13^1 + 13^2 + 22^0 + 22^2 = 26 + 131 + 132 + 220 + 222 \\
 731 &:= 2^6 + 16^0 + 18^1 + 18^2 + 18^2 = 26 + 160 + 181 + 182 + 182 \\
 731 &:= 2^6 + 16^1 + 17^2 + 18^0 + 19^2 = 26 + 161 + 172 + 180 + 192 \\
 731 &:= 2^6 + 4^2 + 16^0 + 25^1 + 25^2 = 26 + 42 + 160 + 251 + 252 \\
 731 &:= 2^6 + 5^2 + 16^1 + 24^0 + 25^2 = 26 + 52 + 161 + 240 + 252 \\
 731 &:= 2^6 + 8^2 + 12^0 + 24^2 + 26^1 = 26 + 82 + 120 + 242 + 261 \\
 731 &:= 2^7 + 10^1 + 16^1 + 20^0 + 24^2 = 27 + 101 + 161 + 200 + 242
 \end{aligned}$$

$$\begin{aligned}
 731 &:= 2^7 + 11^1 + 15^1 + 20^0 + 24^2 = 27 + 111 + 151 + 200 + 242 \\
 731 &:= 2^7 + 12^1 + 14^1 + 20^0 + 24^2 = 27 + 121 + 141 + 200 + 242 \\
 731 &:= 2^7 + 13^1 + 13^1 + 20^0 + 24^2 = 27 + 131 + 131 + 200 + 242 \\
 731 &:= 2^7 + 3^1 + 20^0 + 23^1 + 24^2 = 27 + 31 + 200 + 231 + 242 \\
 731 &:= 2^7 + 4^1 + 20^0 + 22^1 + 24^2 = 27 + 41 + 200 + 221 + 242 \\
 731 &:= 2^7 + 5^1 + 20^0 + 21^1 + 24^2 = 27 + 51 + 200 + 211 + 242 \\
 731 &:= 2^7 + 5^2 + 14^0 + 24^2 + 27^0 = 27 + 52 + 140 + 242 + 270 \\
 731 &:= 2^7 + 5^2 + 15^0 + 24^2 + 26^0 = 27 + 52 + 150 + 242 + 260 \\
 731 &:= 2^7 + 5^2 + 16^0 + 24^2 + 25^0 = 27 + 52 + 160 + 242 + 250 \\
 731 &:= 2^7 + 5^2 + 17^0 + 24^0 + 24^2 = 27 + 52 + 170 + 240 + 242 \\
 731 &:= 2^7 + 5^2 + 18^0 + 23^0 + 24^2 = 27 + 52 + 180 + 230 + 242 \\
 731 &:= 2^7 + 5^2 + 19^0 + 22^0 + 24^2 = 27 + 52 + 190 + 220 + 242 \\
 731 &:= 2^7 + 5^2 + 20^0 + 21^0 + 24^2 = 27 + 52 + 200 + 210 + 242 \\
 731 &:= 2^7 + 6^1 + 20^0 + 20^1 + 24^2 = 27 + 61 + 200 + 201 + 242 \\
 731 &:= 2^7 + 7^1 + 19^1 + 20^0 + 24^2 = 27 + 71 + 191 + 200 + 242 \\
 731 &:= 2^7 + 8^1 + 18^1 + 20^0 + 24^2 = 27 + 81 + 181 + 200 + 242 \\
 731 &:= 2^7 + 9^1 + 17^1 + 20^0 + 24^2 = 27 + 91 + 171 + 200 + 242 \\
 731 &:= 3^3 + 3^5 + 19^1 + 21^2 + 26^0 = 33 + 35 + 191 + 212 + 260 \\
 731 &:= 3^5 + 4^3 + 20^2 + 22^0 + 23^1 = 35 + 43 + 202 + 220 + 231
 \end{aligned}$$

2.2.633 Number 732

$$\begin{aligned}
 732 &:= 1^0 + 1^0 + 27^2 + 44^0 = 10 + 10 + 272 + 440 \\
 732 &:= 1^0 + 1^6 + 3^6 + 67^0 = 10 + 16 + 36 + 670 \\
 732 &:= 1^0 + 1^9 + 9^3 + 61^0 = 10 + 19 + 93 + 610 \\
 732 &:= 1^0 + 10^0 + 27^2 + 35^0 = 10 + 100 + 272 + 350 \\
 732 &:= 1^0 + 11^0 + 27^2 + 34^0 = 10 + 110 + 272 + 340 \\
 732 &:= 1^0 + 12^0 + 27^2 + 33^0 = 10 + 120 + 272 + 330 \\
 732 &:= 1^0 + 13^0 + 27^2 + 32^0 = 10 + 130 + 272 + 320 \\
 732 &:= 1^0 + 14^0 + 27^2 + 31^0 = 10 + 140 + 272 + 310 \\
 732 &:= 1^0 + 15^0 + 27^2 + 30^0 = 10 + 150 + 272 + 300 \\
 732 &:= 1^0 + 16^0 + 27^2 + 29^0 = 10 + 160 + 272 + 290 \\
 732 &:= 1^0 + 17^0 + 27^2 + 28^0 = 10 + 170 + 272 + 280 \\
 732 &:= 1^0 + 18^0 + 27^0 + 27^2 = 10 + 180 + 270 + 272 \\
 732 &:= 1^0 + 19^0 + 26^0 + 27^2 = 10 + 190 + 260 + 272 \\
 732 &:= 1^0 + 2^0 + 27^2 + 43^0 = 10 + 20 + 272 + 430 \\
 732 &:= 1^0 + 20^0 + 25^0 + 27^2 = 10 + 200 + 250 + 272
 \end{aligned}$$

$$\begin{aligned}
 732 &:= 1^0 + 21^0 + 24^0 + 27^2 = 10 + 210 + 240 + 272 \\
 732 &:= 1^0 + 22^0 + 23^0 + 27^2 = 10 + 220 + 230 + 272 \\
 732 &:= 1^0 + 3^0 + 27^2 + 42^0 = 10 + 30 + 272 + 420 \\
 732 &:= 1^0 + 4^0 + 27^2 + 41^0 = 10 + 40 + 272 + 410 \\
 732 &:= 1^0 + 5^0 + 27^2 + 40^0 = 10 + 50 + 272 + 400 \\
 732 &:= 1^0 + 6^0 + 27^2 + 39^0 = 10 + 60 + 272 + 390 \\
 732 &:= 1^0 + 7^0 + 27^2 + 38^0 = 10 + 70 + 272 + 380 \\
 732 &:= 1^0 + 8^0 + 27^2 + 37^0 = 10 + 80 + 272 + 370 \\
 732 &:= 1^0 + 9^0 + 27^2 + 36^0 = 10 + 90 + 272 + 360 \\
 732 &:= 1^1 + 1^5 + 3^6 + 67^0 = 11 + 15 + 36 + 670 \\
 732 &:= 1^1 + 1^8 + 9^3 + 61^0 = 11 + 18 + 93 + 610 \\
 732 &:= 1^1 + 1^9 + 27^2 + 43^0 = 11 + 19 + 272 + 430 \\
 732 &:= 1^2 + 1^4 + 3^6 + 67^0 = 12 + 14 + 36 + 670 \\
 732 &:= 1^2 + 1^7 + 9^3 + 61^0 = 12 + 17 + 93 + 610 \\
 732 &:= 1^2 + 1^8 + 27^2 + 43^0 = 12 + 18 + 272 + 430
 \end{aligned}$$

$732 := 1^3 + 1^3 + 3^6 + 67^0$	$= 13 + 13 + 36 + 670$	$732 := 1^6 + 3^6 + 8^0 + 60^0$	$= 16 + 36 + 80 + 600$
$732 := 1^3 + 1^6 + 9^3 + 61^0$	$= 13 + 16 + 93 + 610$	$732 := 1^6 + 3^6 + 9^0 + 59^0$	$= 16 + 36 + 90 + 590$
$732 := 1^3 + 1^7 + 27^2 + 43^0$	$= 13 + 17 + 272 + 430$	$732 := 1^6 + 4^3 + 25^2 + 42^1$	$= 16 + 43 + 252 + 421$
$732 := 1^4 + 1^5 + 9^3 + 61^0$	$= 14 + 15 + 93 + 610$	$732 := 1^6 + 8^3 + 13^2 + 50^1$	$= 16 + 83 + 132 + 501$
$732 := 1^4 + 1^6 + 27^2 + 43^0$	$= 14 + 16 + 272 + 430$	$732 := 1^7 + 1^9 + 3^6 + 66^0$	$= 17 + 19 + 36 + 660$
$732 := 1^4 + 3^5 + 21^2 + 47^1$	$= 14 + 35 + 212 + 471$	$732 := 1^7 + 16^2 + 21^2 + 34^1$	$= 17 + 162 + 212 + 341$
$732 := 1^5 + 1^5 + 27^2 + 43^0$	$= 15 + 15 + 272 + 430$	$732 := 1^8 + 1^8 + 3^6 + 66^0$	$= 18 + 18 + 36 + 660$
$732 := 1^6 + 2^0 + 3^6 + 66^0$	$= 16 + 20 + 36 + 660$	$732 := 1^8 + 17^2 + 21^2 + 33^0$	$= 18 + 172 + 212 + 330$
$732 := 1^6 + 3^0 + 3^6 + 65^0$	$= 16 + 30 + 36 + 650$	$732 := 1^9 + 2^0 + 9^3 + 60^0$	$= 19 + 20 + 93 + 600$
$732 := 1^6 + 3^6 + 10^0 + 58^0$	$= 16 + 36 + 100 + 580$	$732 := 1^9 + 3^0 + 9^3 + 59^0$	$= 19 + 30 + 93 + 590$
$732 := 1^6 + 3^6 + 11^0 + 57^0$	$= 16 + 36 + 110 + 570$	$732 := 1^9 + 4^0 + 9^3 + 58^0$	$= 19 + 40 + 93 + 580$
$732 := 1^6 + 3^6 + 12^0 + 56^0$	$= 16 + 36 + 120 + 560$	$732 := 1^9 + 5^0 + 9^3 + 57^0$	$= 19 + 50 + 93 + 570$
$732 := 1^6 + 3^6 + 13^0 + 55^0$	$= 16 + 36 + 130 + 550$	$732 := 1^9 + 6^0 + 9^3 + 56^0$	$= 19 + 60 + 93 + 560$
$732 := 1^6 + 3^6 + 14^0 + 54^0$	$= 16 + 36 + 140 + 540$	$732 := 1^9 + 7^0 + 9^3 + 55^0$	$= 19 + 70 + 93 + 550$
$732 := 1^6 + 3^6 + 15^0 + 53^0$	$= 16 + 36 + 150 + 530$	$732 := 1^9 + 8^0 + 9^3 + 54^0$	$= 19 + 80 + 93 + 540$
$732 := 1^6 + 3^6 + 16^0 + 52^0$	$= 16 + 36 + 160 + 520$	$732 := 1^9 + 9^0 + 9^3 + 53^0$	$= 19 + 90 + 93 + 530$
$732 := 1^6 + 3^6 + 17^0 + 51^0$	$= 16 + 36 + 170 + 510$	$732 := 1^9 + 9^3 + 10^0 + 52^0$	$= 19 + 93 + 100 + 520$
$732 := 1^6 + 3^6 + 18^0 + 50^0$	$= 16 + 36 + 180 + 500$	$732 := 1^9 + 9^3 + 11^0 + 51^0$	$= 19 + 93 + 110 + 510$
$732 := 1^6 + 3^6 + 19^0 + 49^0$	$= 16 + 36 + 190 + 490$	$732 := 1^9 + 9^3 + 12^0 + 50^0$	$= 19 + 93 + 120 + 500$
$732 := 1^6 + 3^6 + 20^0 + 48^0$	$= 16 + 36 + 200 + 480$	$732 := 1^9 + 9^3 + 13^0 + 49^0$	$= 19 + 93 + 130 + 490$
$732 := 1^6 + 3^6 + 21^0 + 47^0$	$= 16 + 36 + 210 + 470$	$732 := 1^9 + 9^3 + 14^0 + 48^0$	$= 19 + 93 + 140 + 480$
$732 := 1^6 + 3^6 + 22^0 + 46^0$	$= 16 + 36 + 220 + 460$	$732 := 1^9 + 9^3 + 15^0 + 47^0$	$= 19 + 93 + 150 + 470$
$732 := 1^6 + 3^6 + 23^0 + 45^0$	$= 16 + 36 + 230 + 450$	$732 := 1^9 + 9^3 + 16^0 + 46^0$	$= 19 + 93 + 160 + 460$
$732 := 1^6 + 3^6 + 24^0 + 44^0$	$= 16 + 36 + 240 + 440$	$732 := 1^9 + 9^3 + 17^0 + 45^0$	$= 19 + 93 + 170 + 450$
$732 := 1^6 + 3^6 + 25^0 + 43^0$	$= 16 + 36 + 250 + 430$	$732 := 1^9 + 9^3 + 18^0 + 44^0$	$= 19 + 93 + 180 + 440$
$732 := 1^6 + 3^6 + 26^0 + 42^0$	$= 16 + 36 + 260 + 420$	$732 := 1^9 + 9^3 + 19^0 + 43^0$	$= 19 + 93 + 190 + 430$
$732 := 1^6 + 3^6 + 27^0 + 41^0$	$= 16 + 36 + 270 + 410$	$732 := 1^9 + 9^3 + 20^0 + 42^0$	$= 19 + 93 + 200 + 420$
$732 := 1^6 + 3^6 + 28^0 + 40^0$	$= 16 + 36 + 280 + 400$	$732 := 1^9 + 9^3 + 21^0 + 41^0$	$= 19 + 93 + 210 + 410$
$732 := 1^6 + 3^6 + 29^0 + 39^0$	$= 16 + 36 + 290 + 390$	$732 := 1^9 + 9^3 + 22^0 + 40^0$	$= 19 + 93 + 220 + 400$
$732 := 1^6 + 3^6 + 30^0 + 38^0$	$= 16 + 36 + 300 + 380$	$732 := 1^9 + 9^3 + 23^0 + 39^0$	$= 19 + 93 + 230 + 390$
$732 := 1^6 + 3^6 + 31^0 + 37^0$	$= 16 + 36 + 310 + 370$	$732 := 1^9 + 9^3 + 24^0 + 38^0$	$= 19 + 93 + 240 + 380$
$732 := 1^6 + 3^6 + 32^0 + 36^0$	$= 16 + 36 + 320 + 360$	$732 := 1^9 + 9^3 + 25^0 + 37^0$	$= 19 + 93 + 250 + 370$
$732 := 1^6 + 3^6 + 33^0 + 35^0$	$= 16 + 36 + 330 + 350$	$732 := 1^9 + 9^3 + 26^0 + 36^0$	$= 19 + 93 + 260 + 360$
$732 := 1^6 + 3^6 + 34^0 + 34^0$	$= 16 + 36 + 340 + 340$	$732 := 1^9 + 9^3 + 27^0 + 35^0$	$= 19 + 93 + 270 + 350$
$732 := 1^6 + 3^6 + 4^0 + 64^0$	$= 16 + 36 + 40 + 640$	$732 := 1^9 + 9^3 + 28^0 + 34^0$	$= 19 + 93 + 280 + 340$
$732 := 1^6 + 3^6 + 5^0 + 63^0$	$= 16 + 36 + 50 + 630$	$732 := 1^9 + 9^3 + 29^0 + 33^0$	$= 19 + 93 + 290 + 330$
$732 := 1^6 + 3^6 + 6^0 + 62^0$	$= 16 + 36 + 60 + 620$	$732 := 1^9 + 9^3 + 30^0 + 32^0$	$= 19 + 93 + 300 + 320$
$732 := 1^6 + 3^6 + 7^0 + 61^0$	$= 16 + 36 + 70 + 610$	$732 := 1^9 + 9^3 + 31^0 + 31^0$	$= 19 + 93 + 310 + 310$

$732 := 10^0 + 10^0 + 26^0 + 27^2$	$= 100 + 100 + 260 + 272$	$732 := 2^0 + 18^0 + 26^0 + 27^2$	$= 20 + 180 + 260 + 272$
$732 := 10^0 + 11^0 + 25^0 + 27^2$	$= 100 + 110 + 250 + 272$	$732 := 2^0 + 19^0 + 25^0 + 27^2$	$= 20 + 190 + 250 + 272$
$732 := 10^0 + 12^0 + 24^0 + 27^2$	$= 100 + 120 + 240 + 272$	$732 := 2^0 + 2^0 + 27^2 + 42^0$	$= 20 + 20 + 272 + 420$
$732 := 10^0 + 13^0 + 23^0 + 27^2$	$= 100 + 130 + 230 + 272$	$732 := 2^0 + 20^0 + 24^0 + 27^2$	$= 20 + 200 + 240 + 272$
$732 := 10^0 + 14^0 + 22^0 + 27^2$	$= 100 + 140 + 220 + 272$	$732 := 2^0 + 21^0 + 23^0 + 27^2$	$= 20 + 210 + 230 + 272$
$732 := 10^0 + 15^0 + 21^0 + 27^2$	$= 100 + 150 + 210 + 272$	$732 := 2^0 + 22^0 + 22^0 + 27^2$	$= 20 + 220 + 220 + 272$
$732 := 10^0 + 16^0 + 20^0 + 27^2$	$= 100 + 160 + 200 + 272$	$732 := 2^0 + 3^0 + 27^2 + 41^0$	$= 20 + 30 + 272 + 410$
$732 := 10^0 + 17^0 + 19^0 + 27^2$	$= 100 + 170 + 190 + 272$	$732 := 2^0 + 4^0 + 27^2 + 40^0$	$= 20 + 40 + 272 + 400$
$732 := 10^0 + 18^0 + 18^0 + 27^2$	$= 100 + 180 + 180 + 272$	$732 := 2^0 + 5^0 + 27^2 + 39^0$	$= 20 + 50 + 272 + 390$
$732 := 11^0 + 11^0 + 24^0 + 27^2$	$= 110 + 110 + 240 + 272$	$732 := 2^0 + 6^0 + 27^2 + 38^0$	$= 20 + 60 + 272 + 380$
$732 := 11^0 + 12^0 + 23^0 + 27^2$	$= 110 + 120 + 230 + 272$	$732 := 2^0 + 7^0 + 27^2 + 37^0$	$= 20 + 70 + 272 + 370$
$732 := 11^0 + 13^0 + 22^0 + 27^2$	$= 110 + 130 + 220 + 272$	$732 := 2^0 + 8^0 + 27^2 + 36^0$	$= 20 + 80 + 272 + 360$
$732 := 11^0 + 14^0 + 21^0 + 27^2$	$= 110 + 140 + 210 + 272$	$732 := 2^0 + 9^0 + 27^2 + 35^0$	$= 20 + 90 + 272 + 350$
$732 := 11^0 + 15^0 + 20^0 + 27^2$	$= 110 + 150 + 200 + 272$	$732 := 2^5 + 3^4 + 24^2 + 43^1$	$= 25 + 34 + 242 + 431$
$732 := 11^0 + 16^0 + 19^0 + 27^2$	$= 110 + 160 + 190 + 272$	$732 := 2^7 + 3^3 + 24^2 + 43^0$	$= 27 + 33 + 242 + 430$
$732 := 11^0 + 17^0 + 18^0 + 27^2$	$= 110 + 170 + 180 + 272$	$732 := 2^7 + 9^2 + 22^2 + 39^1$	$= 27 + 92 + 222 + 391$
$732 := 12^0 + 12^0 + 22^0 + 27^2$	$= 120 + 120 + 220 + 272$	$732 := 2^9 + 14^2 + 23^1 + 33^0$	$= 29 + 142 + 231 + 330$
$732 := 12^0 + 13^0 + 21^0 + 27^2$	$= 120 + 130 + 210 + 272$	$732 := 2^9 + 7^0 + 13^2 + 50^1$	$= 29 + 70 + 132 + 501$
$732 := 12^0 + 14^0 + 20^0 + 27^2$	$= 120 + 140 + 200 + 272$	$732 := 3^0 + 10^0 + 27^2 + 33^0$	$= 30 + 100 + 272 + 330$
$732 := 12^0 + 15^0 + 19^0 + 27^2$	$= 120 + 150 + 190 + 272$	$732 := 3^0 + 11^0 + 27^2 + 32^0$	$= 30 + 110 + 272 + 320$
$732 := 12^0 + 16^0 + 18^0 + 27^2$	$= 120 + 160 + 180 + 272$	$732 := 3^0 + 12^0 + 27^2 + 31^0$	$= 30 + 120 + 272 + 310$
$732 := 12^0 + 17^0 + 17^0 + 27^2$	$= 120 + 170 + 170 + 272$	$732 := 3^0 + 13^0 + 27^2 + 30^0$	$= 30 + 130 + 272 + 300$
$732 := 13^0 + 13^0 + 20^0 + 27^2$	$= 130 + 130 + 200 + 272$	$732 := 3^0 + 14^0 + 27^2 + 29^0$	$= 30 + 140 + 272 + 290$
$732 := 13^0 + 14^0 + 19^0 + 27^2$	$= 130 + 140 + 190 + 272$	$732 := 3^0 + 15^0 + 27^2 + 28^0$	$= 30 + 150 + 272 + 280$
$732 := 13^0 + 15^0 + 18^0 + 27^2$	$= 130 + 150 + 180 + 272$	$732 := 3^0 + 16^0 + 27^0 + 27^2$	$= 30 + 160 + 270 + 272$
$732 := 13^0 + 16^0 + 17^0 + 27^2$	$= 130 + 160 + 170 + 272$	$732 := 3^0 + 17^0 + 26^0 + 27^2$	$= 30 + 170 + 260 + 272$
$732 := 14^0 + 14^0 + 18^0 + 27^2$	$= 140 + 140 + 180 + 272$	$732 := 3^0 + 18^0 + 25^0 + 27^2$	$= 30 + 180 + 250 + 272$
$732 := 14^0 + 15^0 + 17^0 + 27^2$	$= 140 + 150 + 170 + 272$	$732 := 3^0 + 19^0 + 24^0 + 27^2$	$= 30 + 190 + 240 + 272$
$732 := 14^0 + 16^0 + 16^0 + 27^2$	$= 140 + 160 + 160 + 272$	$732 := 3^0 + 20^0 + 23^0 + 27^2$	$= 30 + 200 + 230 + 272$
$732 := 15^0 + 15^0 + 16^0 + 27^2$	$= 150 + 150 + 160 + 272$	$732 := 3^0 + 21^0 + 22^0 + 27^2$	$= 30 + 210 + 220 + 272$
$732 := 2^0 + 10^0 + 27^2 + 34^0$	$= 20 + 100 + 272 + 340$	$732 := 3^0 + 3^0 + 27^2 + 40^0$	$= 30 + 30 + 272 + 400$
$732 := 2^0 + 11^0 + 27^2 + 33^0$	$= 20 + 110 + 272 + 330$	$732 := 3^0 + 4^0 + 27^2 + 39^0$	$= 30 + 40 + 272 + 390$
$732 := 2^0 + 12^0 + 27^2 + 32^0$	$= 20 + 120 + 272 + 320$	$732 := 3^0 + 5^0 + 27^2 + 38^0$	$= 30 + 50 + 272 + 380$
$732 := 2^0 + 13^0 + 27^2 + 31^0$	$= 20 + 130 + 272 + 310$	$732 := 3^0 + 6^0 + 27^2 + 37^0$	$= 30 + 60 + 272 + 370$
$732 := 2^0 + 14^0 + 27^2 + 30^0$	$= 20 + 140 + 272 + 300$	$732 := 3^0 + 7^0 + 27^2 + 36^0$	$= 30 + 70 + 272 + 360$
$732 := 2^0 + 15^0 + 27^2 + 29^0$	$= 20 + 150 + 272 + 290$	$732 := 3^0 + 8^0 + 27^2 + 35^0$	$= 30 + 80 + 272 + 350$
$732 := 2^0 + 16^0 + 27^2 + 28^0$	$= 20 + 160 + 272 + 280$	$732 := 3^0 + 9^0 + 27^2 + 34^0$	$= 30 + 90 + 272 + 340$
$732 := 2^0 + 17^0 + 27^0 + 27^2$	$= 20 + 170 + 270 + 272$	$732 := 3^4 + 3^4 + 8^3 + 58^1$	$= 34 + 34 + 83 + 581$

$732 := 3^4 + 3^5 + 19^2 + 47^1$	$= 34 + 35 + 192 + 471$	$732 := 6^0 + 12^0 + 27^2 + 28^0$	$= 60 + 120 + 272 + 280$
$732 := 3^5 + 6^3 + 6^3 + 57^1$	$= 35 + 63 + 63 + 571$	$732 := 6^0 + 13^0 + 27^0 + 27^2$	$= 60 + 130 + 270 + 272$
$732 := 4^0 + 10^0 + 27^2 + 32^0$	$= 40 + 100 + 272 + 320$	$732 := 6^0 + 14^0 + 26^0 + 27^2$	$= 60 + 140 + 260 + 272$
$732 := 4^0 + 11^0 + 27^2 + 31^0$	$= 40 + 110 + 272 + 310$	$732 := 6^0 + 15^0 + 25^0 + 27^2$	$= 60 + 150 + 250 + 272$
$732 := 4^0 + 12^0 + 27^2 + 30^0$	$= 40 + 120 + 272 + 300$	$732 := 6^0 + 16^0 + 24^0 + 27^2$	$= 60 + 160 + 240 + 272$
$732 := 4^0 + 13^0 + 27^2 + 29^0$	$= 40 + 130 + 272 + 290$	$732 := 6^0 + 17^0 + 23^0 + 27^2$	$= 60 + 170 + 230 + 272$
$732 := 4^0 + 14^0 + 27^2 + 28^0$	$= 40 + 140 + 272 + 280$	$732 := 6^0 + 18^0 + 22^0 + 27^2$	$= 60 + 180 + 220 + 272$
$732 := 4^0 + 15^0 + 27^0 + 27^2$	$= 40 + 150 + 270 + 272$	$732 := 6^0 + 19^0 + 21^0 + 27^2$	$= 60 + 190 + 210 + 272$
$732 := 4^0 + 16^0 + 26^0 + 27^2$	$= 40 + 160 + 260 + 272$	$732 := 6^0 + 20^0 + 20^0 + 27^2$	$= 60 + 200 + 200 + 272$
$732 := 4^0 + 17^0 + 25^0 + 27^2$	$= 40 + 170 + 250 + 272$	$732 := 6^0 + 6^0 + 27^2 + 34^0$	$= 60 + 60 + 272 + 340$
$732 := 4^0 + 18^0 + 24^0 + 27^2$	$= 40 + 180 + 240 + 272$	$732 := 6^0 + 7^0 + 27^2 + 33^0$	$= 60 + 70 + 272 + 330$
$732 := 4^0 + 19^0 + 23^0 + 27^2$	$= 40 + 190 + 230 + 272$	$732 := 6^0 + 8^0 + 27^2 + 32^0$	$= 60 + 80 + 272 + 320$
$732 := 4^0 + 20^0 + 22^0 + 27^2$	$= 40 + 200 + 220 + 272$	$732 := 6^0 + 9^0 + 27^2 + 31^0$	$= 60 + 90 + 272 + 310$
$732 := 4^0 + 21^0 + 21^0 + 27^2$	$= 40 + 210 + 210 + 272$	$732 := 7^0 + 10^0 + 27^2 + 29^0$	$= 70 + 100 + 272 + 290$
$732 := 4^0 + 4^0 + 27^2 + 38^0$	$= 40 + 40 + 272 + 380$	$732 := 7^0 + 11^0 + 27^2 + 28^0$	$= 70 + 110 + 272 + 280$
$732 := 4^0 + 5^0 + 27^2 + 37^0$	$= 40 + 50 + 272 + 370$	$732 := 7^0 + 12^0 + 27^0 + 27^2$	$= 70 + 120 + 270 + 272$
$732 := 4^0 + 6^0 + 27^2 + 36^0$	$= 40 + 60 + 272 + 360$	$732 := 7^0 + 13^0 + 26^0 + 27^2$	$= 70 + 130 + 260 + 272$
$732 := 4^0 + 7^0 + 27^2 + 35^0$	$= 40 + 70 + 272 + 350$	$732 := 7^0 + 14^0 + 25^0 + 27^2$	$= 70 + 140 + 250 + 272$
$732 := 4^0 + 8^0 + 27^2 + 34^0$	$= 40 + 80 + 272 + 340$	$732 := 7^0 + 15^0 + 24^0 + 27^2$	$= 70 + 150 + 240 + 272$
$732 := 4^0 + 9^0 + 27^2 + 33^0$	$= 40 + 90 + 272 + 330$	$732 := 7^0 + 16^0 + 23^0 + 27^2$	$= 70 + 160 + 230 + 272$
$732 := 5^0 + 10^0 + 27^2 + 31^0$	$= 50 + 100 + 272 + 310$	$732 := 7^0 + 17^0 + 22^0 + 27^2$	$= 70 + 170 + 220 + 272$
$732 := 5^0 + 11^0 + 27^2 + 30^0$	$= 50 + 110 + 272 + 300$	$732 := 7^0 + 18^0 + 21^0 + 27^2$	$= 70 + 180 + 210 + 272$
$732 := 5^0 + 12^0 + 27^2 + 29^0$	$= 50 + 120 + 272 + 290$	$732 := 7^0 + 19^0 + 20^0 + 27^2$	$= 70 + 190 + 200 + 272$
$732 := 5^0 + 13^0 + 27^2 + 28^0$	$= 50 + 130 + 272 + 280$	$732 := 7^0 + 7^0 + 27^2 + 32^0$	$= 70 + 70 + 272 + 320$
$732 := 5^0 + 14^0 + 27^0 + 27^2$	$= 50 + 140 + 270 + 272$	$732 := 7^0 + 8^0 + 27^2 + 31^0$	$= 70 + 80 + 272 + 310$
$732 := 5^0 + 15^0 + 26^0 + 27^2$	$= 50 + 150 + 260 + 272$	$732 := 7^0 + 9^0 + 27^2 + 30^0$	$= 70 + 90 + 272 + 300$
$732 := 5^0 + 16^0 + 25^0 + 27^2$	$= 50 + 160 + 250 + 272$	$732 := 8^0 + 10^0 + 27^2 + 28^0$	$= 80 + 100 + 272 + 280$
$732 := 5^0 + 17^0 + 24^0 + 27^2$	$= 50 + 170 + 240 + 272$	$732 := 8^0 + 11^0 + 27^0 + 27^2$	$= 80 + 110 + 270 + 272$
$732 := 5^0 + 18^0 + 23^0 + 27^2$	$= 50 + 180 + 230 + 272$	$732 := 8^0 + 12^0 + 26^0 + 27^2$	$= 80 + 120 + 260 + 272$
$732 := 5^0 + 19^0 + 22^0 + 27^2$	$= 50 + 190 + 220 + 272$	$732 := 8^0 + 13^0 + 25^0 + 27^2$	$= 80 + 130 + 250 + 272$
$732 := 5^0 + 20^0 + 21^0 + 27^2$	$= 50 + 200 + 210 + 272$	$732 := 8^0 + 14^0 + 24^0 + 27^2$	$= 80 + 140 + 240 + 272$
$732 := 5^0 + 5^0 + 27^2 + 36^0$	$= 50 + 50 + 272 + 360$	$732 := 8^0 + 15^0 + 23^0 + 27^2$	$= 80 + 150 + 230 + 272$
$732 := 5^0 + 6^0 + 27^2 + 35^0$	$= 50 + 60 + 272 + 350$	$732 := 8^0 + 16^0 + 22^0 + 27^2$	$= 80 + 160 + 220 + 272$
$732 := 5^0 + 7^0 + 27^2 + 34^0$	$= 50 + 70 + 272 + 340$	$732 := 8^0 + 17^0 + 21^0 + 27^2$	$= 80 + 170 + 210 + 272$
$732 := 5^0 + 8^0 + 27^2 + 33^0$	$= 50 + 80 + 272 + 330$	$732 := 8^0 + 18^0 + 20^0 + 27^2$	$= 80 + 180 + 200 + 272$
$732 := 5^0 + 9^0 + 27^2 + 32^0$	$= 50 + 90 + 272 + 320$	$732 := 8^0 + 19^0 + 19^0 + 27^2$	$= 80 + 190 + 190 + 272$
$732 := 6^0 + 10^0 + 27^2 + 30^0$	$= 60 + 100 + 272 + 300$	$732 := 8^0 + 8^0 + 27^2 + 30^0$	$= 80 + 80 + 272 + 300$
$732 := 6^0 + 11^0 + 27^2 + 29^0$	$= 60 + 110 + 272 + 290$	$732 := 8^0 + 9^0 + 27^2 + 29^0$	$= 80 + 90 + 272 + 290$

$$\begin{aligned}
 732 &:= 9^0 + 10^0 + 27^0 + 27^2 &= 90 + 100 + 270 + 272 & 732 &:= 1^6 + 7^1 + 16^2 + 21^2 + 27^1 &= 16 + 71 + 162 + 212 + 271 \\
 732 &:= 9^0 + 11^0 + 26^0 + 27^2 &= 90 + 110 + 260 + 272 & 732 &:= 1^6 + 7^3 + 19^0 + 19^2 + 26^1 &= 16 + 73 + 190 + 192 + 261 \\
 732 &:= 9^0 + 12^0 + 25^0 + 27^2 &= 90 + 120 + 250 + 272 & 732 &:= 1^6 + 8^1 + 16^2 + 21^2 + 26^1 &= 16 + 81 + 162 + 212 + 261 \\
 732 &:= 9^0 + 13^0 + 24^0 + 27^2 &= 90 + 130 + 240 + 272 & 732 &:= 1^6 + 8^2 + 15^2 + 21^2 + 27^0 &= 16 + 82 + 152 + 212 + 270 \\
 732 &:= 9^0 + 14^0 + 23^0 + 27^2 &= 90 + 140 + 230 + 272 & 732 &:= 1^6 + 8^3 + 14^2 + 22^1 + 27^0 &= 16 + 83 + 142 + 221 + 270 \\
 732 &:= 9^0 + 15^0 + 22^0 + 27^2 &= 90 + 150 + 220 + 272 & 732 &:= 1^6 + 9^1 + 16^2 + 21^2 + 25^1 &= 16 + 91 + 162 + 212 + 251 \\
 732 &:= 9^0 + 16^0 + 21^0 + 27^2 &= 90 + 160 + 210 + 272 & 732 &:= 1^7 + 10^1 + 12^2 + 24^2 + 25^0 &= 17 + 101 + 122 + 242 + 250 \\
 732 &:= 9^0 + 17^0 + 20^0 + 27^2 &= 90 + 170 + 200 + 272 & 732 &:= 1^7 + 13^0 + 15^2 + 21^1 + 22^2 &= 17 + 130 + 152 + 211 + 222 \\
 732 &:= 9^0 + 18^0 + 19^0 + 27^2 &= 90 + 180 + 190 + 272 & 732 &:= 1^7 + 6^1 + 18^2 + 20^2 + 27^0 &= 17 + 61 + 182 + 202 + 270 \\
 732 &:= 9^0 + 9^0 + 27^2 + 28^0 &= 90 + 90 + 272 + 280 & 732 &:= 1^7 + 6^2 + 18^1 + 21^0 + 26^2 &= 17 + 62 + 181 + 210 + 262 \\
 732 &:= 1^2 + 2^7 + 19^0 + 24^2 + 26^1 &= 12 + 27 + 190 + 242 + 261 & 732 &:= 1^7 + 8^1 + 19^2 + 19^2 + 25^0 &= 17 + 81 + 192 + 192 + 250 \\
 732 &:= 1^3 + 3^5 + 20^1 + 21^2 + 27^1 &= 13 + 35 + 201 + 212 + 271 & 732 &:= 1^7 + 9^2 + 13^0 + 24^1 + 25^2 &= 17 + 92 + 130 + 241 + 252 \\
 732 &:= 1^3 + 3^5 + 21^1 + 21^2 + 26^1 &= 13 + 35 + 211 + 212 + 261 & 732 &:= 2^2 + 2^7 + 21^0 + 23^1 + 24^2 &= 22 + 27 + 210 + 231 + 242 \\
 732 &:= 1^3 + 3^5 + 21^2 + 22^1 + 25^1 &= 13 + 35 + 212 + 221 + 251 & 732 &:= 2^5 + 12^2 + 13^2 + 19^2 + 26^1 &= 25 + 122 + 132 + 192 + 261 \\
 732 &:= 1^3 + 3^5 + 21^2 + 23^1 + 24^1 &= 13 + 35 + 212 + 231 + 241 & 732 &:= 2^5 + 15^2 + 15^2 + 15^2 + 25^1 &= 25 + 152 + 152 + 152 + 251 \\
 732 &:= 1^4 + 2^5 + 21^0 + 22^1 + 26^2 &= 14 + 25 + 210 + 221 + 262 & 732 &:= 2^5 + 6^3 + 16^1 + 21^2 + 27^1 &= 25 + 63 + 161 + 212 + 271 \\
 732 &:= 1^5 + 15^2 + 15^2 + 16^2 + 25^1 &= 15 + 152 + 152 + 162 + 251 & 732 &:= 2^5 + 6^3 + 17^1 + 21^2 + 26^1 &= 25 + 63 + 171 + 212 + 261 \\
 732 &:= 1^5 + 3^4 + 19^0 + 24^1 + 25^2 &= 15 + 34 + 190 + 241 + 252 & 732 &:= 2^5 + 6^3 + 18^1 + 21^2 + 25^1 &= 25 + 63 + 181 + 212 + 251 \\
 732 &:= 1^5 + 4^3 + 15^1 + 25^2 + 27^1 &= 15 + 43 + 151 + 252 + 271 & 732 &:= 2^5 + 6^3 + 19^1 + 21^2 + 24^1 &= 25 + 63 + 191 + 212 + 241 \\
 732 &:= 1^5 + 4^3 + 16^1 + 25^2 + 26^1 &= 15 + 43 + 161 + 252 + 261 & 732 &:= 2^5 + 6^3 + 20^1 + 21^2 + 23^1 &= 25 + 63 + 201 + 212 + 231 \\
 732 &:= 1^5 + 4^3 + 17^1 + 25^1 + 25^2 &= 15 + 43 + 171 + 251 + 252 & 732 &:= 2^5 + 6^3 + 21^1 + 21^2 + 22^1 &= 25 + 63 + 211 + 212 + 221 \\
 732 &:= 1^5 + 4^3 + 18^1 + 24^1 + 25^2 &= 15 + 43 + 181 + 241 + 252 & 732 &:= 2^6 + 3^3 + 15^1 + 25^2 + 27^0 &= 26 + 33 + 151 + 252 + 270 \\
 732 &:= 1^5 + 4^3 + 19^1 + 23^1 + 25^2 &= 15 + 43 + 191 + 231 + 252 & 732 &:= 2^6 + 4^3 + 15^0 + 24^2 + 27^1 &= 26 + 43 + 150 + 242 + 271 \\
 732 &:= 1^5 + 4^3 + 20^1 + 22^1 + 25^2 &= 15 + 43 + 201 + 221 + 252 & 732 &:= 2^6 + 5^4 + 15^1 + 23^0 + 27^1 &= 26 + 54 + 151 + 230 + 271 \\
 732 &:= 1^5 + 4^3 + 21^1 + 21^1 + 25^2 &= 15 + 43 + 211 + 211 + 252 & 732 &:= 2^6 + 5^4 + 16^1 + 23^0 + 26^1 &= 26 + 54 + 161 + 230 + 261 \\
 732 &:= 1^5 + 8^3 + 13^2 + 23^1 + 27^1 &= 15 + 83 + 132 + 231 + 271 & 732 &:= 2^6 + 5^4 + 17^1 + 23^0 + 25^1 &= 26 + 54 + 171 + 230 + 251 \\
 732 &:= 1^5 + 8^3 + 13^2 + 24^1 + 26^1 &= 15 + 83 + 132 + 241 + 261 & 732 &:= 2^6 + 5^4 + 18^1 + 23^0 + 24^1 &= 26 + 54 + 181 + 230 + 241 \\
 732 &:= 1^5 + 8^3 + 13^2 + 25^1 + 25^1 &= 15 + 83 + 132 + 251 + 251 & 732 &:= 2^6 + 5^4 + 19^1 + 23^0 + 23^1 &= 26 + 54 + 191 + 230 + 231 \\
 732 &:= 1^6 + 10^1 + 16^2 + 21^2 + 24^1 &= 16 + 101 + 162 + 212 + 241 & 732 &:= 2^6 + 5^4 + 20^1 + 22^1 + 23^0 &= 26 + 54 + 201 + 221 + 230 \\
 732 &:= 1^6 + 11^1 + 16^2 + 21^2 + 23^1 &= 16 + 111 + 162 + 212 + 231 & 732 &:= 2^6 + 5^4 + 21^1 + 21^1 + 23^0 &= 26 + 54 + 211 + 211 + 230 \\
 732 &:= 1^6 + 12^1 + 16^2 + 21^2 + 22^1 &= 16 + 121 + 162 + 212 + 221 & 732 &:= 2^6 + 9^2 + 15^2 + 19^2 + 27^0 &= 26 + 92 + 152 + 192 + 270 \\
 732 &:= 1^6 + 12^2 + 15^2 + 19^2 + 25^0 &= 16 + 122 + 152 + 192 + 250 & 732 &:= 2^7 + 10^2 + 19^0 + 19^1 + 22^2 &= 27 + 102 + 190 + 191 + 222 \\
 732 &:= 1^6 + 13^1 + 16^2 + 21^1 + 21^2 &= 16 + 131 + 162 + 211 + 212 & 732 &:= 2^7 + 11^0 + 17^2 + 17^2 + 25^1 &= 27 + 110 + 172 + 172 + 251 \\
 732 &:= 1^6 + 14^1 + 16^2 + 20^1 + 21^2 &= 16 + 141 + 162 + 201 + 212 & 732 &:= 2^7 + 12^2 + 18^1 + 19^0 + 21^2 &= 27 + 122 + 181 + 190 + 212 \\
 732 &:= 1^6 + 15^1 + 16^2 + 19^1 + 21^2 &= 16 + 151 + 162 + 191 + 212 & 732 &:= 2^7 + 13^0 + 16^2 + 18^2 + 23^1 &= 27 + 130 + 162 + 182 + 231 \\
 732 &:= 1^6 + 16^1 + 16^2 + 18^1 + 21^2 &= 16 + 161 + 162 + 181 + 212 & 732 &:= 2^7 + 15^2 + 17^1 + 19^0 + 19^2 &= 27 + 152 + 171 + 190 + 192 \\
 732 &:= 1^6 + 16^2 + 17^1 + 17^1 + 21^2 &= 16 + 162 + 171 + 171 + 212 & 732 &:= 2^7 + 3^2 + 18^1 + 24^2 + 25^0 &= 27 + 32 + 181 + 242 + 250 \\
 732 &:= 1^6 + 3^3 + 15^0 + 26^2 + 27^1 &= 16 + 33 + 150 + 262 + 271 & 732 &:= 2^7 + 7^2 + 15^0 + 23^2 + 25^1 &= 27 + 72 + 150 + 232 + 251
 \end{aligned}$$

$$\begin{aligned}732 &:= 2^8 + 10^1 + 15^0 + 21^2 + 24^1 = 28 + 101 + 150 + 212 + 241 \\732 &:= 2^8 + 11^1 + 15^0 + 21^2 + 23^1 = 28 + 111 + 150 + 212 + 231 \\732 &:= 2^8 + 12^1 + 15^0 + 21^2 + 22^1 = 28 + 121 + 150 + 212 + 221 \\732 &:= 2^8 + 13^1 + 15^0 + 21^1 + 21^2 = 28 + 131 + 150 + 211 + 212 \\732 &:= 2^8 + 14^1 + 15^0 + 20^1 + 21^2 = 28 + 141 + 150 + 201 + 212 \\732 &:= 2^8 + 15^0 + 15^1 + 19^1 + 21^2 = 28 + 150 + 151 + 191 + 212 \\732 &:= 2^8 + 15^0 + 16^1 + 18^1 + 21^2 = 28 + 150 + 161 + 181 + 212 \\732 &:= 2^8 + 15^0 + 17^1 + 17^1 + 21^2 = 28 + 150 + 171 + 171 + 212 \\732 &:= 2^8 + 7^1 + 15^0 + 21^2 + 27^1 = 28 + 71 + 150 + 212 + 271 \\732 &:= 2^8 + 8^1 + 15^0 + 21^2 + 26^1 = 28 + 81 + 150 + 212 + 261 \\732 &:= 2^8 + 9^1 + 15^0 + 21^2 + 25^1 = 28 + 91 + 150 + 212 + 251 \\732 &:= 2^9 + 10^0 + 14^2 + 22^1 + 24^0 = 29 + 100 + 142 + 221 + 240 \\732 &:= 2^9 + 11^0 + 14^2 + 22^1 + 23^0 = 29 + 110 + 142 + 221 + 230 \\732 &:= 2^9 + 12^0 + 14^2 + 22^0 + 22^1 = 29 + 120 + 142 + 220 + 221 \\732 &:= 2^9 + 13^0 + 14^2 + 21^0 + 22^1 = 29 + 130 + 142 + 210 + 221\end{aligned}$$

$$\begin{aligned}732 &:= 2^9 + 14^0 + 14^2 + 20^0 + 22^1 = 29 + 140 + 142 + 200 + 221 \\732 &:= 2^9 + 14^2 + 15^0 + 19^0 + 22^1 = 29 + 142 + 150 + 190 + 221 \\732 &:= 2^9 + 14^2 + 16^0 + 18^0 + 22^1 = 29 + 142 + 160 + 180 + 221 \\732 &:= 2^9 + 14^2 + 17^0 + 17^0 + 22^1 = 29 + 142 + 170 + 170 + 221 \\732 &:= 2^9 + 7^0 + 14^2 + 22^1 + 27^0 = 29 + 70 + 142 + 221 + 270 \\732 &:= 2^9 + 8^0 + 14^2 + 22^1 + 26^0 = 29 + 80 + 142 + 221 + 260 \\732 &:= 2^9 + 9^0 + 14^2 + 22^1 + 25^0 = 29 + 90 + 142 + 221 + 250 \\732 &:= 3^5 + 6^3 + 15^2 + 21^1 + 27^1 = 35 + 63 + 152 + 211 + 271 \\732 &:= 3^5 + 6^3 + 15^2 + 22^1 + 26^1 = 35 + 63 + 152 + 221 + 261 \\732 &:= 3^5 + 6^3 + 15^2 + 23^1 + 25^1 = 35 + 63 + 152 + 231 + 251 \\732 &:= 3^5 + 6^3 + 15^2 + 24^1 + 24^1 = 35 + 63 + 152 + 241 + 241 \\732 &:= 4^4 + 4^4 + 13^2 + 24^1 + 27^1 = 44 + 44 + 132 + 241 + 271 \\732 &:= 4^4 + 4^4 + 13^2 + 25^1 + 26^1 = 44 + 44 + 132 + 251 + 261\end{aligned}$$

2.2.634 Number 733

$$\begin{aligned}733 &:= 1^0 + 1^1 + 17^0 + 27^0 + 27^2 = 10 + 11 + 170 + 270 + 272 \\733 &:= 1^0 + 1^1 + 18^0 + 26^0 + 27^2 = 10 + 11 + 180 + 260 + 272 \\733 &:= 1^0 + 1^1 + 19^0 + 25^0 + 27^2 = 10 + 11 + 190 + 250 + 272 \\733 &:= 1^0 + 1^1 + 20^0 + 24^0 + 27^2 = 10 + 11 + 200 + 240 + 272 \\733 &:= 1^0 + 1^1 + 21^0 + 23^0 + 27^2 = 10 + 11 + 210 + 230 + 272 \\733 &:= 1^0 + 1^1 + 22^0 + 22^0 + 27^2 = 10 + 11 + 220 + 220 + 272 \\733 &:= 1^0 + 9^0 + 9^3 + 27^0 + 27^0 = 10 + 90 + 93 + 270 + 270 \\733 &:= 1^0 + 9^3 + 10^0 + 26^0 + 27^0 = 10 + 93 + 100 + 260 + 270 \\733 &:= 1^0 + 9^3 + 11^0 + 25^0 + 27^0 = 10 + 93 + 110 + 250 + 270 \\733 &:= 1^0 + 9^3 + 11^0 + 26^0 + 26^0 = 10 + 93 + 110 + 260 + 260 \\733 &:= 1^0 + 9^3 + 12^0 + 24^0 + 27^0 = 10 + 93 + 120 + 240 + 270 \\733 &:= 1^0 + 9^3 + 12^0 + 25^0 + 26^0 = 10 + 93 + 120 + 250 + 260 \\733 &:= 1^0 + 9^3 + 13^0 + 23^0 + 27^0 = 10 + 93 + 130 + 230 + 270 \\733 &:= 1^0 + 9^3 + 13^0 + 24^0 + 26^0 = 10 + 93 + 130 + 240 + 260 \\733 &:= 1^0 + 9^3 + 13^0 + 25^0 + 25^0 = 10 + 93 + 130 + 250 + 250 \\733 &:= 1^0 + 9^3 + 14^0 + 22^0 + 27^0 = 10 + 93 + 140 + 220 + 270 \\733 &:= 1^0 + 9^3 + 14^0 + 23^0 + 26^0 = 10 + 93 + 140 + 230 + 260 \\733 &:= 1^0 + 9^3 + 14^0 + 24^0 + 25^0 = 10 + 93 + 140 + 240 + 250 \\733 &:= 1^0 + 9^3 + 15^0 + 21^0 + 27^0 = 10 + 93 + 150 + 210 + 270 \\733 &:= 1^0 + 9^3 + 15^0 + 22^0 + 26^0 = 10 + 93 + 150 + 220 + 260 \\733 &:= 1^0 + 9^3 + 15^0 + 23^0 + 25^0 = 10 + 93 + 150 + 230 + 250\end{aligned}$$

$$\begin{aligned}733 &:= 1^0 + 9^3 + 15^0 + 24^0 + 24^0 = 10 + 93 + 150 + 240 + 240 \\733 &:= 1^0 + 9^3 + 16^0 + 20^0 + 27^0 = 10 + 93 + 160 + 200 + 270 \\733 &:= 1^0 + 9^3 + 16^0 + 21^0 + 26^0 = 10 + 93 + 160 + 210 + 260 \\733 &:= 1^0 + 9^3 + 16^0 + 22^0 + 25^0 = 10 + 93 + 160 + 220 + 250 \\733 &:= 1^0 + 9^3 + 16^0 + 23^0 + 24^0 = 10 + 93 + 160 + 230 + 240 \\733 &:= 1^0 + 9^3 + 17^0 + 19^0 + 27^0 = 10 + 93 + 170 + 190 + 270 \\733 &:= 1^0 + 9^3 + 17^0 + 20^0 + 26^0 = 10 + 93 + 170 + 200 + 260 \\733 &:= 1^0 + 9^3 + 17^0 + 21^0 + 25^0 = 10 + 93 + 170 + 210 + 250 \\733 &:= 1^0 + 9^3 + 17^0 + 22^0 + 24^0 = 10 + 93 + 170 + 220 + 240 \\733 &:= 1^0 + 9^3 + 17^0 + 23^0 + 23^0 = 10 + 93 + 170 + 230 + 230 \\733 &:= 1^0 + 9^3 + 18^0 + 18^0 + 27^0 = 10 + 93 + 180 + 180 + 270 \\733 &:= 1^0 + 9^3 + 18^0 + 19^0 + 26^0 = 10 + 93 + 180 + 190 + 260 \\733 &:= 1^0 + 9^3 + 18^0 + 20^0 + 25^0 = 10 + 93 + 180 + 200 + 250 \\733 &:= 1^0 + 9^3 + 18^0 + 21^0 + 24^0 = 10 + 93 + 180 + 210 + 240 \\733 &:= 1^0 + 9^3 + 18^0 + 22^0 + 23^0 = 10 + 93 + 180 + 220 + 230 \\733 &:= 1^0 + 9^3 + 19^0 + 19^0 + 25^0 = 10 + 93 + 190 + 190 + 250 \\733 &:= 1^0 + 9^3 + 19^0 + 20^0 + 24^0 = 10 + 93 + 190 + 200 + 240 \\733 &:= 1^0 + 9^3 + 19^0 + 21^0 + 23^0 = 10 + 93 + 190 + 210 + 230 \\733 &:= 1^0 + 9^3 + 19^0 + 22^0 + 22^0 = 10 + 93 + 190 + 220 + 220 \\733 &:= 1^0 + 9^3 + 20^0 + 20^0 + 23^0 = 10 + 93 + 200 + 200 + 230 \\733 &:= 1^0 + 9^3 + 20^0 + 21^0 + 22^0 = 10 + 93 + 200 + 210 + 220\end{aligned}$$

$$\begin{aligned} 733 &:= 1^0 + 9^3 + 21^0 + 21^0 + 21^0 = 10 + 93 + 210 + 210 + 210 \\ 733 &:= 1^1 + 10^0 + 10^0 + 25^0 + 27^2 = 11 + 100 + 100 + 250 + 272 \\ 733 &:= 1^1 + 10^0 + 11^0 + 24^0 + 27^2 = 11 + 100 + 110 + 240 + 272 \\ 733 &:= 1^1 + 10^0 + 12^0 + 23^0 + 27^2 = 11 + 100 + 120 + 230 + 272 \\ 733 &:= 1^1 + 10^0 + 13^0 + 22^0 + 27^2 = 11 + 100 + 130 + 220 + 272 \\ 733 &:= 1^1 + 10^0 + 14^0 + 21^0 + 27^2 = 11 + 100 + 140 + 210 + 272 \\ 733 &:= 1^1 + 10^0 + 15^0 + 20^0 + 27^2 = 11 + 100 + 150 + 200 + 272 \\ 733 &:= 1^1 + 10^0 + 16^0 + 19^0 + 27^2 = 11 + 100 + 160 + 190 + 272 \\ 733 &:= 1^1 + 10^0 + 17^0 + 18^0 + 27^2 = 11 + 100 + 170 + 180 + 272 \\ 733 &:= 1^1 + 11^0 + 11^0 + 23^0 + 27^2 = 11 + 110 + 110 + 230 + 272 \\ 733 &:= 1^1 + 11^0 + 12^0 + 22^0 + 27^2 = 11 + 110 + 120 + 220 + 272 \\ 733 &:= 1^1 + 11^0 + 13^0 + 21^0 + 27^2 = 11 + 110 + 130 + 210 + 272 \\ 733 &:= 1^1 + 11^0 + 14^0 + 20^0 + 27^2 = 11 + 110 + 140 + 200 + 272 \\ 733 &:= 1^1 + 11^0 + 15^0 + 19^0 + 27^2 = 11 + 110 + 150 + 190 + 272 \\ 733 &:= 1^1 + 11^0 + 16^0 + 18^0 + 27^2 = 11 + 110 + 160 + 180 + 272 \\ 733 &:= 1^1 + 11^0 + 17^0 + 17^0 + 27^2 = 11 + 110 + 170 + 170 + 272 \\ 733 &:= 1^1 + 12^0 + 12^0 + 21^0 + 27^2 = 11 + 120 + 120 + 210 + 272 \\ 733 &:= 1^1 + 12^0 + 13^0 + 20^0 + 27^2 = 11 + 120 + 130 + 200 + 272 \\ 733 &:= 1^1 + 12^0 + 14^0 + 19^0 + 27^2 = 11 + 120 + 140 + 190 + 272 \\ 733 &:= 1^1 + 12^0 + 15^0 + 18^0 + 27^2 = 11 + 120 + 150 + 180 + 272 \\ 733 &:= 1^1 + 12^0 + 16^0 + 17^0 + 27^2 = 11 + 120 + 160 + 170 + 272 \\ 733 &:= 1^1 + 13^0 + 13^0 + 19^0 + 27^2 = 11 + 130 + 130 + 190 + 272 \\ 733 &:= 1^1 + 13^0 + 14^0 + 18^0 + 27^2 = 11 + 130 + 140 + 180 + 272 \\ 733 &:= 1^1 + 13^0 + 15^0 + 17^0 + 27^2 = 11 + 130 + 150 + 170 + 272 \\ 733 &:= 1^1 + 13^0 + 16^0 + 16^0 + 27^2 = 11 + 130 + 160 + 160 + 272 \\ 733 &:= 1^1 + 14^0 + 14^0 + 17^0 + 27^2 = 11 + 140 + 140 + 170 + 272 \\ 733 &:= 1^1 + 14^0 + 15^0 + 16^0 + 27^2 = 11 + 140 + 150 + 160 + 272 \\ 733 &:= 1^1 + 15^0 + 15^0 + 15^0 + 27^2 = 11 + 150 + 150 + 150 + 272 \\ 733 &:= 1^1 + 2^0 + 16^0 + 27^0 + 27^2 = 11 + 20 + 160 + 270 + 272 \\ 733 &:= 1^1 + 2^0 + 17^0 + 26^0 + 27^2 = 11 + 20 + 170 + 260 + 272 \\ 733 &:= 1^1 + 2^0 + 18^0 + 25^0 + 27^2 = 11 + 20 + 180 + 250 + 272 \\ 733 &:= 1^1 + 2^0 + 19^0 + 24^0 + 27^2 = 11 + 20 + 190 + 240 + 272 \\ 733 &:= 1^1 + 2^0 + 20^0 + 23^0 + 27^2 = 11 + 20 + 200 + 230 + 272 \\ 733 &:= 1^1 + 2^0 + 21^0 + 22^0 + 27^2 = 11 + 20 + 210 + 220 + 272 \\ 733 &:= 1^1 + 3^0 + 15^0 + 27^0 + 27^2 = 11 + 30 + 150 + 270 + 272 \\ 733 &:= 1^1 + 3^0 + 16^0 + 26^0 + 27^2 = 11 + 30 + 160 + 260 + 272 \\ 733 &:= 1^1 + 3^0 + 17^0 + 25^0 + 27^2 = 11 + 30 + 170 + 250 + 272 \\ 733 &:= 1^1 + 3^0 + 18^0 + 24^0 + 27^2 = 11 + 30 + 180 + 240 + 272 \end{aligned}$$

$$\begin{aligned} 733 &:= 1^1 + 3^0 + 19^0 + 23^0 + 27^2 = 11 + 30 + 190 + 230 + 272 \\ 733 &:= 1^1 + 3^0 + 20^0 + 22^0 + 27^2 = 11 + 30 + 200 + 220 + 272 \\ 733 &:= 1^1 + 3^0 + 21^0 + 21^0 + 27^2 = 11 + 30 + 210 + 210 + 272 \\ 733 &:= 1^1 + 4^0 + 14^0 + 27^0 + 27^2 = 11 + 40 + 140 + 270 + 272 \\ 733 &:= 1^1 + 4^0 + 15^0 + 26^0 + 27^2 = 11 + 40 + 150 + 260 + 272 \\ 733 &:= 1^1 + 4^0 + 16^0 + 25^0 + 27^2 = 11 + 40 + 160 + 250 + 272 \\ 733 &:= 1^1 + 4^0 + 17^0 + 24^0 + 27^2 = 11 + 40 + 170 + 240 + 272 \\ 733 &:= 1^1 + 4^0 + 18^0 + 23^0 + 27^2 = 11 + 40 + 180 + 230 + 272 \\ 733 &:= 1^1 + 4^0 + 19^0 + 22^0 + 27^2 = 11 + 40 + 190 + 220 + 272 \\ 733 &:= 1^1 + 4^0 + 20^0 + 21^0 + 27^2 = 11 + 40 + 200 + 210 + 272 \\ 733 &:= 1^1 + 5^0 + 13^0 + 27^0 + 27^2 = 11 + 50 + 130 + 270 + 272 \\ 733 &:= 1^1 + 5^0 + 14^0 + 26^0 + 27^2 = 11 + 50 + 140 + 260 + 272 \\ 733 &:= 1^1 + 5^0 + 15^0 + 25^0 + 27^2 = 11 + 50 + 150 + 250 + 272 \\ 733 &:= 1^1 + 5^0 + 16^0 + 24^0 + 27^2 = 11 + 50 + 160 + 240 + 272 \\ 733 &:= 1^1 + 5^0 + 17^0 + 23^0 + 27^2 = 11 + 50 + 170 + 230 + 272 \\ 733 &:= 1^1 + 5^0 + 18^0 + 22^0 + 27^2 = 11 + 50 + 180 + 220 + 272 \\ 733 &:= 1^1 + 5^0 + 19^0 + 21^0 + 27^2 = 11 + 50 + 190 + 210 + 272 \\ 733 &:= 1^1 + 5^0 + 20^0 + 20^0 + 27^2 = 11 + 50 + 200 + 200 + 272 \\ 733 &:= 1^1 + 6^0 + 12^0 + 27^0 + 27^2 = 11 + 60 + 120 + 270 + 272 \\ 733 &:= 1^1 + 6^0 + 13^0 + 26^0 + 27^2 = 11 + 60 + 130 + 260 + 272 \\ 733 &:= 1^1 + 6^0 + 14^0 + 25^0 + 27^2 = 11 + 60 + 140 + 250 + 272 \\ 733 &:= 1^1 + 6^0 + 15^0 + 24^0 + 27^2 = 11 + 60 + 150 + 240 + 272 \\ 733 &:= 1^1 + 6^0 + 16^0 + 23^0 + 27^2 = 11 + 60 + 160 + 230 + 272 \\ 733 &:= 1^1 + 6^0 + 17^0 + 22^0 + 27^2 = 11 + 60 + 170 + 220 + 272 \\ 733 &:= 1^1 + 6^0 + 18^0 + 21^0 + 27^2 = 11 + 60 + 180 + 210 + 272 \\ 733 &:= 1^1 + 6^0 + 19^0 + 20^0 + 27^2 = 11 + 60 + 190 + 200 + 272 \\ 733 &:= 1^1 + 7^0 + 11^0 + 27^0 + 27^2 = 11 + 70 + 110 + 270 + 272 \\ 733 &:= 1^1 + 7^0 + 12^0 + 26^0 + 27^2 = 11 + 70 + 120 + 260 + 272 \\ 733 &:= 1^1 + 7^0 + 13^0 + 25^0 + 27^2 = 11 + 70 + 130 + 250 + 272 \\ 733 &:= 1^1 + 7^0 + 14^0 + 24^0 + 27^2 = 11 + 70 + 140 + 240 + 272 \\ 733 &:= 1^1 + 7^0 + 15^0 + 23^0 + 27^2 = 11 + 70 + 150 + 230 + 272 \\ 733 &:= 1^1 + 7^0 + 16^0 + 22^0 + 27^2 = 11 + 70 + 160 + 220 + 272 \\ 733 &:= 1^1 + 7^0 + 17^0 + 21^0 + 27^2 = 11 + 70 + 170 + 210 + 272 \\ 733 &:= 1^1 + 7^0 + 18^0 + 20^0 + 27^2 = 11 + 70 + 180 + 200 + 272 \\ 733 &:= 1^1 + 7^0 + 19^0 + 19^0 + 27^2 = 11 + 70 + 190 + 190 + 272 \\ 733 &:= 1^1 + 8^0 + 10^0 + 27^0 + 27^2 = 11 + 80 + 100 + 270 + 272 \\ 733 &:= 1^1 + 8^0 + 11^0 + 26^0 + 27^2 = 11 + 80 + 110 + 260 + 272 \\ 733 &:= 1^1 + 8^0 + 12^0 + 25^0 + 27^2 = 11 + 80 + 120 + 250 + 272 \end{aligned}$$

$$\begin{aligned} 733 &:= 1^1 + 8^0 + 13^0 + 24^0 + 27^2 = 11 + 80 + 130 + 240 + 272 & 733 &:= 1^5 + 1^6 + 19^0 + 24^0 + 27^2 = 15 + 16 + 190 + 240 + 272 \\ 733 &:= 1^1 + 8^0 + 14^0 + 23^0 + 27^2 = 11 + 80 + 140 + 230 + 272 & 733 &:= 1^5 + 1^6 + 20^0 + 23^0 + 27^2 = 15 + 16 + 200 + 230 + 272 \\ 733 &:= 1^1 + 8^0 + 15^0 + 22^0 + 27^2 = 11 + 80 + 150 + 220 + 272 & 733 &:= 1^5 + 1^6 + 21^0 + 22^0 + 27^2 = 15 + 16 + 210 + 220 + 272 \\ 733 &:= 1^1 + 8^0 + 16^0 + 21^0 + 27^2 = 11 + 80 + 160 + 210 + 272 & 733 &:= 1^5 + 2^5 + 20^0 + 23^1 + 26^2 = 15 + 25 + 200 + 231 + 262 \\ 733 &:= 1^1 + 8^0 + 17^0 + 20^0 + 27^2 = 11 + 80 + 170 + 200 + 272 & 733 &:= 1^6 + 3^4 + 18^0 + 25^1 + 25^2 = 16 + 34 + 180 + 251 + 252 \\ 733 &:= 1^1 + 8^0 + 18^0 + 19^0 + 27^2 = 11 + 80 + 180 + 190 + 272 & 733 &:= 1^7 + 11^2 + 13^2 + 21^2 + 26^0 = 17 + 112 + 132 + 212 + 260 \\ 733 &:= 1^1 + 9^0 + 10^0 + 26^0 + 27^2 = 11 + 90 + 100 + 260 + 272 & 733 &:= 1^7 + 3^6 + 14^0 + 27^0 + 27^0 = 17 + 36 + 140 + 270 + 270 \\ 733 &:= 1^1 + 9^0 + 11^0 + 25^0 + 27^2 = 11 + 90 + 110 + 250 + 272 & 733 &:= 1^7 + 3^6 + 15^0 + 26^0 + 27^0 = 17 + 36 + 150 + 260 + 270 \\ 733 &:= 1^1 + 9^0 + 12^0 + 24^0 + 27^2 = 11 + 90 + 120 + 240 + 272 & 733 &:= 1^7 + 3^6 + 16^0 + 25^0 + 27^0 = 17 + 36 + 160 + 250 + 270 \\ 733 &:= 1^1 + 9^0 + 13^0 + 23^0 + 27^2 = 11 + 90 + 130 + 230 + 272 & 733 &:= 1^7 + 3^6 + 16^0 + 26^0 + 26^0 = 17 + 36 + 160 + 260 + 260 \\ 733 &:= 1^1 + 9^0 + 14^0 + 22^0 + 27^2 = 11 + 90 + 140 + 220 + 272 & 733 &:= 1^7 + 3^6 + 17^0 + 24^0 + 27^0 = 17 + 36 + 170 + 240 + 270 \\ 733 &:= 1^1 + 9^0 + 15^0 + 21^0 + 27^2 = 11 + 90 + 150 + 210 + 272 & 733 &:= 1^7 + 3^6 + 17^0 + 25^0 + 26^0 = 17 + 36 + 170 + 250 + 260 \\ 733 &:= 1^1 + 9^0 + 16^0 + 20^0 + 27^2 = 11 + 90 + 160 + 200 + 272 & 733 &:= 1^7 + 3^6 + 18^0 + 23^0 + 27^0 = 17 + 36 + 180 + 230 + 270 \\ 733 &:= 1^1 + 9^0 + 17^0 + 19^0 + 27^2 = 11 + 90 + 170 + 190 + 272 & 733 &:= 1^7 + 3^6 + 18^0 + 24^0 + 26^0 = 17 + 36 + 180 + 240 + 260 \\ 733 &:= 1^1 + 9^0 + 18^0 + 18^0 + 27^2 = 11 + 90 + 180 + 180 + 272 & 733 &:= 1^7 + 3^6 + 18^0 + 25^0 + 25^0 = 17 + 36 + 180 + 250 + 250 \\ 733 &:= 1^1 + 9^0 + 9^0 + 27^0 + 27^2 = 11 + 90 + 90 + 270 + 272 & 733 &:= 1^7 + 3^6 + 19^0 + 22^0 + 27^0 = 17 + 36 + 190 + 220 + 270 \\ 733 &:= 1^2 + 1^9 + 16^0 + 27^0 + 27^2 = 12 + 19 + 160 + 270 + 272 & 733 &:= 1^7 + 3^6 + 19^0 + 23^0 + 26^0 = 17 + 36 + 190 + 230 + 260 \\ 733 &:= 1^2 + 1^9 + 17^0 + 26^0 + 27^2 = 12 + 19 + 170 + 260 + 272 & 733 &:= 1^7 + 3^6 + 19^0 + 24^0 + 25^0 = 17 + 36 + 190 + 240 + 250 \\ 733 &:= 1^2 + 1^9 + 18^0 + 25^0 + 27^2 = 12 + 19 + 180 + 250 + 272 & 733 &:= 1^7 + 3^6 + 20^0 + 21^0 + 27^0 = 17 + 36 + 200 + 210 + 270 \\ 733 &:= 1^2 + 1^9 + 19^0 + 24^0 + 27^2 = 12 + 19 + 190 + 240 + 272 & 733 &:= 1^7 + 3^6 + 20^0 + 22^0 + 26^0 = 17 + 36 + 200 + 220 + 260 \\ 733 &:= 1^2 + 1^9 + 20^0 + 23^0 + 27^2 = 12 + 19 + 200 + 230 + 272 & 733 &:= 1^7 + 3^6 + 20^0 + 23^0 + 25^0 = 17 + 36 + 200 + 230 + 250 \\ 733 &:= 1^2 + 1^9 + 21^0 + 22^0 + 27^2 = 12 + 19 + 210 + 220 + 272 & 733 &:= 1^7 + 3^6 + 20^0 + 24^0 + 24^0 = 17 + 36 + 200 + 240 + 240 \\ 733 &:= 1^3 + 1^8 + 16^0 + 27^0 + 27^2 = 13 + 18 + 160 + 270 + 272 & 733 &:= 1^7 + 3^6 + 21^0 + 21^0 + 26^0 = 17 + 36 + 210 + 210 + 260 \\ 733 &:= 1^3 + 1^8 + 17^0 + 26^0 + 27^2 = 13 + 18 + 170 + 260 + 272 & 733 &:= 1^7 + 3^6 + 21^0 + 22^0 + 25^0 = 17 + 36 + 210 + 220 + 250 \\ 733 &:= 1^3 + 1^8 + 18^0 + 25^0 + 27^2 = 13 + 18 + 180 + 250 + 272 & 733 &:= 1^7 + 3^6 + 21^0 + 23^0 + 24^0 = 17 + 36 + 210 + 230 + 240 \\ 733 &:= 1^3 + 1^8 + 19^0 + 24^0 + 27^2 = 13 + 18 + 190 + 240 + 272 & 733 &:= 1^7 + 3^6 + 22^0 + 22^0 + 24^0 = 17 + 36 + 220 + 220 + 240 \\ 733 &:= 1^3 + 1^8 + 20^0 + 23^0 + 27^2 = 13 + 18 + 200 + 230 + 272 & 733 &:= 1^7 + 3^6 + 22^0 + 23^0 + 23^0 = 17 + 36 + 220 + 230 + 230 \\ 733 &:= 1^3 + 1^8 + 21^0 + 22^0 + 27^2 = 13 + 18 + 210 + 220 + 272 & 733 &:= 1^7 + 7^3 + 18^0 + 19^2 + 27^1 = 17 + 73 + 180 + 192 + 271 \\ 733 &:= 1^3 + 2^7 + 18^0 + 24^2 + 27^1 = 13 + 27 + 180 + 242 + 271 & 733 &:= 1^7 + 8^3 + 14^2 + 23^1 + 26^0 = 17 + 83 + 142 + 231 + 260 \\ 733 &:= 1^4 + 1^7 + 16^0 + 27^0 + 27^2 = 14 + 17 + 160 + 270 + 272 & 733 &:= 1^7 + 9^2 + 17^2 + 19^2 + 26^0 = 17 + 92 + 172 + 192 + 260 \\ 733 &:= 1^4 + 1^7 + 17^0 + 26^0 + 27^2 = 14 + 17 + 170 + 260 + 272 & 733 &:= 1^8 + 11^1 + 12^2 + 24^0 + 24^2 = 18 + 111 + 122 + 240 + 242 \\ 733 &:= 1^4 + 1^7 + 18^0 + 25^0 + 27^2 = 14 + 17 + 180 + 250 + 272 & 733 &:= 1^8 + 12^0 + 15^2 + 22^1 + 22^2 = 18 + 120 + 152 + 221 + 222 \\ 733 &:= 1^4 + 1^7 + 19^0 + 24^0 + 27^2 = 14 + 17 + 190 + 240 + 272 & 733 &:= 1^8 + 6^2 + 19^1 + 20^0 + 26^2 = 18 + 62 + 191 + 200 + 262 \\ 733 &:= 1^4 + 1^7 + 20^0 + 23^0 + 27^2 = 14 + 17 + 200 + 230 + 272 & 733 &:= 1^8 + 7^1 + 18^2 + 20^2 + 26^0 = 18 + 71 + 182 + 202 + 260 \\ 733 &:= 1^4 + 1^7 + 21^0 + 22^0 + 27^2 = 14 + 17 + 210 + 220 + 272 & 733 &:= 1^8 + 9^1 + 19^2 + 19^2 + 24^0 = 18 + 91 + 192 + 192 + 240 \\ 733 &:= 1^5 + 1^6 + 16^0 + 27^0 + 27^2 = 15 + 16 + 160 + 270 + 272 & 733 &:= 1^8 + 9^2 + 12^0 + 25^1 + 25^2 = 18 + 92 + 120 + 251 + 252 \\ 733 &:= 1^5 + 1^6 + 17^0 + 26^0 + 27^2 = 15 + 16 + 170 + 260 + 272 & 733 &:= 1^9 + 10^0 + 17^2 + 21^2 + 23^0 = 19 + 100 + 172 + 212 + 230 \\ 733 &:= 1^5 + 1^6 + 18^0 + 25^0 + 27^2 = 15 + 16 + 180 + 250 + 272 & 733 &:= 1^9 + 11^0 + 17^2 + 21^2 + 22^0 = 19 + 110 + 172 + 212 + 220 \end{aligned}$$

$$\begin{aligned} 733 &:= 1^9 + 12^0 + 17^2 + 21^0 + 21^2 = 19 + 120 + 172 + 210 + 212 \\ 733 &:= 1^9 + 13^0 + 17^2 + 20^0 + 21^2 = 19 + 130 + 172 + 200 + 212 \\ 733 &:= 1^9 + 14^0 + 17^2 + 19^0 + 21^2 = 19 + 140 + 172 + 190 + 212 \\ 733 &:= 1^9 + 15^0 + 17^2 + 18^0 + 21^2 = 19 + 150 + 172 + 180 + 212 \\ 733 &:= 1^9 + 16^0 + 17^0 + 17^2 + 21^2 = 19 + 160 + 170 + 172 + 212 \\ 733 &:= 1^9 + 6^0 + 17^2 + 21^2 + 27^0 = 19 + 60 + 172 + 212 + 270 \\ 733 &:= 1^9 + 7^0 + 17^2 + 21^2 + 26^0 = 19 + 70 + 172 + 212 + 260 \\ 733 &:= 1^9 + 8^0 + 17^2 + 21^2 + 25^0 = 19 + 80 + 172 + 212 + 250 \\ 733 &:= 1^9 + 9^0 + 17^2 + 21^2 + 24^0 = 19 + 90 + 172 + 212 + 240 \\ 733 &:= 2^0 + 8^0 + 9^3 + 27^0 + 27^0 = 20 + 80 + 93 + 270 + 270 \\ 733 &:= 2^0 + 9^0 + 9^3 + 26^0 + 27^0 = 20 + 90 + 93 + 260 + 270 \\ 733 &:= 2^0 + 9^3 + 10^0 + 25^0 + 27^0 = 20 + 93 + 100 + 250 + 270 \\ 733 &:= 2^0 + 9^3 + 10^0 + 26^0 + 26^0 = 20 + 93 + 100 + 260 + 260 \\ 733 &:= 2^0 + 9^3 + 11^0 + 24^0 + 27^0 = 20 + 93 + 110 + 240 + 270 \\ 733 &:= 2^0 + 9^3 + 11^0 + 25^0 + 26^0 = 20 + 93 + 110 + 250 + 260 \\ 733 &:= 2^0 + 9^3 + 12^0 + 23^0 + 27^0 = 20 + 93 + 120 + 230 + 270 \\ 733 &:= 2^0 + 9^3 + 12^0 + 24^0 + 26^0 = 20 + 93 + 120 + 240 + 260 \\ 733 &:= 2^0 + 9^3 + 12^0 + 25^0 + 25^0 = 20 + 93 + 120 + 250 + 250 \\ 733 &:= 2^0 + 9^3 + 13^0 + 22^0 + 27^0 = 20 + 93 + 130 + 220 + 270 \\ 733 &:= 2^0 + 9^3 + 13^0 + 23^0 + 26^0 = 20 + 93 + 130 + 230 + 260 \\ 733 &:= 2^0 + 9^3 + 13^0 + 24^0 + 25^0 = 20 + 93 + 130 + 240 + 250 \\ 733 &:= 2^0 + 9^3 + 14^0 + 21^0 + 27^0 = 20 + 93 + 140 + 210 + 270 \\ 733 &:= 2^0 + 9^3 + 14^0 + 22^0 + 26^0 = 20 + 93 + 140 + 220 + 260 \\ 733 &:= 2^0 + 9^3 + 14^0 + 23^0 + 25^0 = 20 + 93 + 140 + 230 + 250 \\ 733 &:= 2^0 + 9^3 + 14^0 + 24^0 + 24^0 = 20 + 93 + 140 + 240 + 240 \\ 733 &:= 2^0 + 9^3 + 15^0 + 20^0 + 27^0 = 20 + 93 + 150 + 200 + 270 \\ 733 &:= 2^0 + 9^3 + 15^0 + 21^0 + 26^0 = 20 + 93 + 150 + 210 + 260 \\ 733 &:= 2^0 + 9^3 + 15^0 + 22^0 + 25^0 = 20 + 93 + 150 + 220 + 250 \\ 733 &:= 2^0 + 9^3 + 15^0 + 23^0 + 24^0 = 20 + 93 + 150 + 230 + 240 \\ 733 &:= 2^0 + 9^3 + 16^0 + 19^0 + 27^0 = 20 + 93 + 160 + 190 + 270 \\ 733 &:= 2^0 + 9^3 + 16^0 + 20^0 + 26^0 = 20 + 93 + 160 + 200 + 260 \\ 733 &:= 2^0 + 9^3 + 16^0 + 21^0 + 25^0 = 20 + 93 + 160 + 210 + 250 \\ 733 &:= 2^0 + 9^3 + 16^0 + 22^0 + 24^0 = 20 + 93 + 160 + 220 + 240 \\ 733 &:= 2^0 + 9^3 + 16^0 + 23^0 + 23^0 = 20 + 93 + 160 + 230 + 230 \\ 733 &:= 2^0 + 9^3 + 17^0 + 18^0 + 27^0 = 20 + 93 + 170 + 180 + 270 \\ 733 &:= 2^0 + 9^3 + 17^0 + 19^0 + 26^0 = 20 + 93 + 170 + 190 + 260 \\ 733 &:= 2^0 + 9^3 + 17^0 + 20^0 + 25^0 = 20 + 93 + 170 + 200 + 250 \\ 733 &:= 2^0 + 9^3 + 17^0 + 21^0 + 24^0 = 20 + 93 + 170 + 210 + 240 \end{aligned}$$

$$\begin{aligned} 733 &:= 2^0 + 9^3 + 17^0 + 22^0 + 23^0 = 20 + 93 + 170 + 220 + 230 \\ 733 &:= 2^0 + 9^3 + 18^0 + 18^0 + 26^0 = 20 + 93 + 180 + 180 + 260 \\ 733 &:= 2^0 + 9^3 + 18^0 + 19^0 + 25^0 = 20 + 93 + 180 + 190 + 250 \\ 733 &:= 2^0 + 9^3 + 18^0 + 20^0 + 24^0 = 20 + 93 + 180 + 200 + 240 \\ 733 &:= 2^0 + 9^3 + 18^0 + 21^0 + 23^0 = 20 + 93 + 180 + 210 + 230 \\ 733 &:= 2^0 + 9^3 + 18^0 + 22^0 + 22^0 = 20 + 93 + 180 + 220 + 220 \\ 733 &:= 2^0 + 9^3 + 19^0 + 19^0 + 24^0 = 20 + 93 + 190 + 190 + 240 \\ 733 &:= 2^0 + 9^3 + 19^0 + 20^0 + 23^0 = 20 + 93 + 190 + 200 + 230 \\ 733 &:= 2^0 + 9^3 + 19^0 + 21^0 + 22^0 = 20 + 93 + 190 + 210 + 220 \\ 733 &:= 2^0 + 9^3 + 20^0 + 20^0 + 22^0 = 20 + 93 + 200 + 200 + 220 \\ 733 &:= 2^0 + 9^3 + 20^0 + 21^0 + 21^0 = 20 + 93 + 200 + 210 + 210 \\ 733 &:= 2^3 + 2^7 + 20^1 + 24^0 + 24^2 = 23 + 27 + 201 + 240 + 242 \\ 733 &:= 2^4 + 2^6 + 16^0 + 25^2 + 27^1 = 24 + 26 + 160 + 252 + 271 \\ 733 &:= 2^7 + 6^3 + 18^0 + 19^2 + 27^1 = 27 + 63 + 180 + 192 + 271 \\ 733 &:= 2^8 + 10^2 + 15^1 + 19^2 + 26^0 = 28 + 102 + 151 + 192 + 260 \\ 733 &:= 2^8 + 13^2 + 17^2 + 18^1 + 22^0 = 28 + 132 + 172 + 181 + 220 \\ 733 &:= 2^8 + 14^0 + 15^2 + 15^2 + 26^1 = 28 + 140 + 152 + 152 + 261 \\ 733 &:= 2^8 + 14^2 + 16^0 + 16^2 + 24^1 = 28 + 142 + 160 + 162 + 241 \\ 733 &:= 2^8 + 3^2 + 20^0 + 21^2 + 26^1 = 28 + 32 + 200 + 212 + 261 \\ 733 &:= 2^8 + 4^2 + 19^1 + 21^2 + 26^0 = 28 + 42 + 191 + 212 + 260 \\ 733 &:= 2^8 + 7^2 + 16^0 + 20^2 + 27^1 = 28 + 72 + 160 + 202 + 271 \\ 733 &:= 2^9 + 6^0 + 13^2 + 24^1 + 27^1 = 29 + 60 + 132 + 241 + 271 \\ 733 &:= 2^9 + 6^0 + 13^2 + 25^1 + 26^1 = 29 + 60 + 132 + 251 + 261 \\ 733 &:= 3^0 + 7^0 + 9^3 + 27^0 + 27^0 = 30 + 70 + 93 + 270 + 270 \\ 733 &:= 3^0 + 8^0 + 9^3 + 26^0 + 27^0 = 30 + 80 + 93 + 260 + 270 \\ 733 &:= 3^0 + 9^0 + 9^3 + 25^0 + 27^0 = 30 + 90 + 93 + 250 + 270 \\ 733 &:= 3^0 + 9^0 + 9^3 + 26^0 + 26^0 = 30 + 90 + 93 + 260 + 260 \\ 733 &:= 3^0 + 9^3 + 10^0 + 24^0 + 27^0 = 30 + 93 + 100 + 240 + 270 \\ 733 &:= 3^0 + 9^3 + 10^0 + 25^0 + 26^0 = 30 + 93 + 100 + 250 + 260 \\ 733 &:= 3^0 + 9^3 + 11^0 + 23^0 + 27^0 = 30 + 93 + 110 + 230 + 270 \\ 733 &:= 3^0 + 9^3 + 11^0 + 24^0 + 26^0 = 30 + 93 + 110 + 240 + 260 \\ 733 &:= 3^0 + 9^3 + 11^0 + 25^0 + 25^0 = 30 + 93 + 110 + 250 + 250 \\ 733 &:= 3^0 + 9^3 + 12^0 + 22^0 + 27^0 = 30 + 93 + 120 + 220 + 270 \\ 733 &:= 3^0 + 9^3 + 12^0 + 23^0 + 26^0 = 30 + 93 + 120 + 230 + 260 \\ 733 &:= 3^0 + 9^3 + 12^0 + 24^0 + 25^0 = 30 + 93 + 120 + 240 + 250 \\ 733 &:= 3^0 + 9^3 + 13^0 + 21^0 + 27^0 = 30 + 93 + 130 + 210 + 270 \\ 733 &:= 3^0 + 9^3 + 13^0 + 22^0 + 26^0 = 30 + 93 + 130 + 220 + 260 \\ 733 &:= 3^0 + 9^3 + 13^0 + 23^0 + 25^0 = 30 + 93 + 130 + 230 + 250 \end{aligned}$$

$$\begin{aligned} 733 &:= 3^0 + 9^3 + 13^0 + 24^0 + 24^0 = 30 + 93 + 130 + 240 + 240 \\ 733 &:= 3^0 + 9^3 + 14^0 + 20^0 + 27^0 = 30 + 93 + 140 + 200 + 270 \\ 733 &:= 3^0 + 9^3 + 14^0 + 21^0 + 26^0 = 30 + 93 + 140 + 210 + 260 \\ 733 &:= 3^0 + 9^3 + 14^0 + 22^0 + 25^0 = 30 + 93 + 140 + 220 + 250 \\ 733 &:= 3^0 + 9^3 + 14^0 + 23^0 + 24^0 = 30 + 93 + 140 + 230 + 240 \\ 733 &:= 3^0 + 9^3 + 15^0 + 19^0 + 27^0 = 30 + 93 + 150 + 190 + 270 \\ 733 &:= 3^0 + 9^3 + 15^0 + 20^0 + 26^0 = 30 + 93 + 150 + 200 + 260 \\ 733 &:= 3^0 + 9^3 + 15^0 + 21^0 + 25^0 = 30 + 93 + 150 + 210 + 250 \\ 733 &:= 3^0 + 9^3 + 15^0 + 22^0 + 24^0 = 30 + 93 + 150 + 220 + 240 \\ 733 &:= 3^0 + 9^3 + 15^0 + 23^0 + 23^0 = 30 + 93 + 150 + 230 + 230 \\ 733 &:= 3^0 + 9^3 + 16^0 + 18^0 + 27^0 = 30 + 93 + 160 + 180 + 270 \\ 733 &:= 3^0 + 9^3 + 16^0 + 19^0 + 26^0 = 30 + 93 + 160 + 190 + 260 \\ 733 &:= 3^0 + 9^3 + 16^0 + 20^0 + 25^0 = 30 + 93 + 160 + 200 + 250 \\ 733 &:= 3^0 + 9^3 + 16^0 + 21^0 + 24^0 = 30 + 93 + 160 + 210 + 240 \\ 733 &:= 3^0 + 9^3 + 16^0 + 22^0 + 23^0 = 30 + 93 + 160 + 220 + 230 \\ 733 &:= 3^0 + 9^3 + 17^0 + 17^0 + 27^0 = 30 + 93 + 170 + 170 + 270 \\ 733 &:= 3^0 + 9^3 + 17^0 + 18^0 + 26^0 = 30 + 93 + 170 + 180 + 260 \\ 733 &:= 3^0 + 9^3 + 17^0 + 19^0 + 25^0 = 30 + 93 + 170 + 190 + 250 \\ 733 &:= 3^0 + 9^3 + 17^0 + 20^0 + 24^0 = 30 + 93 + 170 + 200 + 240 \\ 733 &:= 3^0 + 9^3 + 17^0 + 21^0 + 23^0 = 30 + 93 + 170 + 210 + 230 \\ 733 &:= 3^0 + 9^3 + 17^0 + 22^0 + 22^0 = 30 + 93 + 170 + 220 + 220 \\ 733 &:= 3^0 + 9^3 + 18^0 + 18^0 + 25^0 = 30 + 93 + 180 + 180 + 250 \\ 733 &:= 3^0 + 9^3 + 18^0 + 19^0 + 24^0 = 30 + 93 + 180 + 190 + 240 \\ 733 &:= 3^0 + 9^3 + 18^0 + 20^0 + 23^0 = 30 + 93 + 180 + 200 + 230 \\ 733 &:= 3^0 + 9^3 + 18^0 + 21^0 + 22^0 = 30 + 93 + 180 + 210 + 220 \\ 733 &:= 3^0 + 9^3 + 19^0 + 19^0 + 23^0 = 30 + 93 + 190 + 190 + 230 \\ 733 &:= 3^0 + 9^3 + 19^0 + 20^0 + 22^0 = 30 + 93 + 190 + 200 + 220 \\ 733 &:= 3^0 + 9^3 + 19^0 + 21^0 + 21^0 = 30 + 93 + 190 + 210 + 210 \\ 733 &:= 3^0 + 9^3 + 20^0 + 20^0 + 21^0 = 30 + 93 + 200 + 200 + 210 \\ 733 &:= 4^0 + 6^0 + 9^3 + 27^0 + 27^0 = 40 + 60 + 93 + 270 + 270 \\ 733 &:= 4^0 + 7^0 + 9^3 + 26^0 + 27^0 = 40 + 70 + 93 + 260 + 270 \\ 733 &:= 4^0 + 8^0 + 9^3 + 25^0 + 27^0 = 40 + 80 + 93 + 250 + 270 \\ 733 &:= 4^0 + 8^0 + 9^3 + 26^0 + 26^0 = 40 + 80 + 93 + 260 + 260 \\ 733 &:= 4^0 + 9^0 + 9^3 + 24^0 + 27^0 = 40 + 90 + 93 + 240 + 270 \\ 733 &:= 4^0 + 9^0 + 9^3 + 25^0 + 26^0 = 40 + 90 + 93 + 250 + 260 \\ 733 &:= 4^0 + 9^3 + 10^0 + 23^0 + 27^0 = 40 + 93 + 100 + 230 + 270 \\ 733 &:= 4^0 + 9^3 + 10^0 + 24^0 + 26^0 = 40 + 93 + 100 + 240 + 260 \\ 733 &:= 4^0 + 9^3 + 10^0 + 25^0 + 25^0 = 40 + 93 + 100 + 250 + 250 \end{aligned}$$

$$\begin{aligned} 733 &:= 4^0 + 9^3 + 11^0 + 22^0 + 27^0 = 40 + 93 + 110 + 220 + 270 \\ 733 &:= 4^0 + 9^3 + 11^0 + 23^0 + 26^0 = 40 + 93 + 110 + 230 + 260 \\ 733 &:= 4^0 + 9^3 + 11^0 + 24^0 + 25^0 = 40 + 93 + 110 + 240 + 250 \\ 733 &:= 4^0 + 9^3 + 12^0 + 21^0 + 27^0 = 40 + 93 + 120 + 210 + 270 \\ 733 &:= 4^0 + 9^3 + 12^0 + 22^0 + 26^0 = 40 + 93 + 120 + 220 + 260 \\ 733 &:= 4^0 + 9^3 + 12^0 + 23^0 + 25^0 = 40 + 93 + 120 + 230 + 250 \\ 733 &:= 4^0 + 9^3 + 12^0 + 24^0 + 24^0 = 40 + 93 + 120 + 240 + 240 \\ 733 &:= 4^0 + 9^3 + 13^0 + 20^0 + 27^0 = 40 + 93 + 130 + 200 + 270 \\ 733 &:= 4^0 + 9^3 + 13^0 + 21^0 + 26^0 = 40 + 93 + 130 + 210 + 260 \\ 733 &:= 4^0 + 9^3 + 13^0 + 22^0 + 25^0 = 40 + 93 + 130 + 220 + 250 \\ 733 &:= 4^0 + 9^3 + 13^0 + 23^0 + 24^0 = 40 + 93 + 130 + 230 + 240 \\ 733 &:= 4^0 + 9^3 + 14^0 + 19^0 + 27^0 = 40 + 93 + 140 + 190 + 270 \\ 733 &:= 4^0 + 9^3 + 14^0 + 20^0 + 26^0 = 40 + 93 + 140 + 200 + 260 \\ 733 &:= 4^0 + 9^3 + 14^0 + 21^0 + 25^0 = 40 + 93 + 140 + 210 + 250 \\ 733 &:= 4^0 + 9^3 + 14^0 + 22^0 + 24^0 = 40 + 93 + 140 + 220 + 240 \\ 733 &:= 4^0 + 9^3 + 14^0 + 23^0 + 23^0 = 40 + 93 + 140 + 230 + 230 \\ 733 &:= 4^0 + 9^3 + 15^0 + 18^0 + 27^0 = 40 + 93 + 150 + 180 + 270 \\ 733 &:= 4^0 + 9^3 + 15^0 + 19^0 + 26^0 = 40 + 93 + 150 + 190 + 260 \\ 733 &:= 4^0 + 9^3 + 15^0 + 20^0 + 25^0 = 40 + 93 + 150 + 200 + 250 \\ 733 &:= 4^0 + 9^3 + 15^0 + 21^0 + 24^0 = 40 + 93 + 150 + 210 + 240 \\ 733 &:= 4^0 + 9^3 + 15^0 + 22^0 + 23^0 = 40 + 93 + 150 + 220 + 230 \\ 733 &:= 4^0 + 9^3 + 16^0 + 17^0 + 27^0 = 40 + 93 + 160 + 170 + 270 \\ 733 &:= 4^0 + 9^3 + 16^0 + 18^0 + 26^0 = 40 + 93 + 160 + 180 + 260 \\ 733 &:= 4^0 + 9^3 + 16^0 + 19^0 + 25^0 = 40 + 93 + 160 + 190 + 250 \\ 733 &:= 4^0 + 9^3 + 16^0 + 20^0 + 24^0 = 40 + 93 + 160 + 200 + 240 \\ 733 &:= 4^0 + 9^3 + 16^0 + 21^0 + 23^0 = 40 + 93 + 160 + 210 + 230 \\ 733 &:= 4^0 + 9^3 + 16^0 + 22^0 + 22^0 = 40 + 93 + 160 + 220 + 220 \\ 733 &:= 4^0 + 9^3 + 17^0 + 17^0 + 26^0 = 40 + 93 + 170 + 170 + 260 \\ 733 &:= 4^0 + 9^3 + 17^0 + 18^0 + 25^0 = 40 + 93 + 170 + 180 + 250 \\ 733 &:= 4^0 + 9^3 + 17^0 + 19^0 + 24^0 = 40 + 93 + 170 + 190 + 240 \\ 733 &:= 4^0 + 9^3 + 17^0 + 20^0 + 23^0 = 40 + 93 + 170 + 200 + 230 \\ 733 &:= 4^0 + 9^3 + 17^0 + 21^0 + 22^0 = 40 + 93 + 170 + 210 + 220 \\ 733 &:= 4^0 + 9^3 + 18^0 + 18^0 + 24^0 = 40 + 93 + 180 + 180 + 240 \\ 733 &:= 4^0 + 9^3 + 18^0 + 19^0 + 23^0 = 40 + 93 + 180 + 190 + 230 \\ 733 &:= 4^0 + 9^3 + 18^0 + 20^0 + 22^0 = 40 + 93 + 180 + 200 + 220 \\ 733 &:= 4^0 + 9^3 + 18^0 + 21^0 + 21^0 = 40 + 93 + 180 + 210 + 210 \\ 733 &:= 4^0 + 9^3 + 19^0 + 19^0 + 22^0 = 40 + 93 + 190 + 190 + 220 \\ 733 &:= 4^0 + 9^3 + 19^0 + 20^0 + 21^0 = 40 + 93 + 190 + 200 + 210 \end{aligned}$$

$$\begin{aligned} 733 &:= 4^0 + 9^3 + 20^0 + 20^0 + 20^0 = 40 + 93 + 200 + 200 + 200 & 733 &:= 5^0 + 9^3 + 16^0 + 17^0 + 26^0 = 50 + 93 + 160 + 170 + 260 \\ 733 &:= 5^0 + 5^0 + 9^3 + 27^0 + 27^0 = 50 + 50 + 93 + 270 + 270 & 733 &:= 5^0 + 9^3 + 16^0 + 18^0 + 25^0 = 50 + 93 + 160 + 180 + 250 \\ 733 &:= 5^0 + 6^0 + 9^3 + 26^0 + 27^0 = 50 + 60 + 93 + 260 + 270 & 733 &:= 5^0 + 9^3 + 16^0 + 19^0 + 24^0 = 50 + 93 + 160 + 190 + 240 \\ 733 &:= 5^0 + 7^0 + 9^3 + 25^0 + 27^0 = 50 + 70 + 93 + 250 + 270 & 733 &:= 5^0 + 9^3 + 16^0 + 20^0 + 23^0 = 50 + 93 + 160 + 200 + 230 \\ 733 &:= 5^0 + 7^0 + 9^3 + 26^0 + 26^0 = 50 + 70 + 93 + 260 + 260 & 733 &:= 5^0 + 9^3 + 16^0 + 21^0 + 22^0 = 50 + 93 + 160 + 210 + 220 \\ 733 &:= 5^0 + 8^0 + 9^3 + 24^0 + 27^0 = 50 + 80 + 93 + 240 + 270 & 733 &:= 5^0 + 9^3 + 17^0 + 17^0 + 25^0 = 50 + 93 + 170 + 170 + 250 \\ 733 &:= 5^0 + 8^0 + 9^3 + 25^0 + 26^0 = 50 + 80 + 93 + 250 + 260 & 733 &:= 5^0 + 9^3 + 17^0 + 18^0 + 24^0 = 50 + 93 + 170 + 180 + 240 \\ 733 &:= 5^0 + 9^0 + 9^3 + 23^0 + 27^0 = 50 + 90 + 93 + 230 + 270 & 733 &:= 5^0 + 9^3 + 17^0 + 19^0 + 23^0 = 50 + 93 + 170 + 190 + 230 \\ 733 &:= 5^0 + 9^0 + 9^3 + 24^0 + 26^0 = 50 + 90 + 93 + 240 + 260 & 733 &:= 5^0 + 9^3 + 17^0 + 20^0 + 22^0 = 50 + 93 + 170 + 200 + 220 \\ 733 &:= 5^0 + 9^0 + 9^3 + 25^0 + 25^0 = 50 + 90 + 93 + 250 + 250 & 733 &:= 5^0 + 9^3 + 17^0 + 21^0 + 21^0 = 50 + 93 + 170 + 210 + 210 \\ 733 &:= 5^0 + 9^3 + 10^0 + 22^0 + 27^0 = 50 + 93 + 100 + 220 + 270 & 733 &:= 5^0 + 9^3 + 18^0 + 18^0 + 23^0 = 50 + 93 + 180 + 180 + 230 \\ 733 &:= 5^0 + 9^3 + 10^0 + 23^0 + 26^0 = 50 + 93 + 100 + 230 + 260 & 733 &:= 5^0 + 9^3 + 18^0 + 19^0 + 22^0 = 50 + 93 + 180 + 190 + 220 \\ 733 &:= 5^0 + 9^3 + 10^0 + 24^0 + 25^0 = 50 + 93 + 100 + 240 + 250 & 733 &:= 5^0 + 9^3 + 18^0 + 20^0 + 21^0 = 50 + 93 + 180 + 200 + 210 \\ 733 &:= 5^0 + 9^3 + 11^0 + 21^0 + 27^0 = 50 + 93 + 110 + 210 + 270 & 733 &:= 5^0 + 9^3 + 19^0 + 19^0 + 21^0 = 50 + 93 + 190 + 190 + 210 \\ 733 &:= 5^0 + 9^3 + 11^0 + 22^0 + 26^0 = 50 + 93 + 110 + 220 + 260 & 733 &:= 5^0 + 9^3 + 19^0 + 20^0 + 20^0 = 50 + 93 + 190 + 200 + 200 \\ 733 &:= 5^0 + 9^3 + 11^0 + 23^0 + 25^0 = 50 + 93 + 110 + 230 + 250 & 733 &:= 6^0 + 6^0 + 9^3 + 25^0 + 27^0 = 60 + 60 + 93 + 250 + 270 \\ 733 &:= 5^0 + 9^3 + 11^0 + 24^0 + 24^0 = 50 + 93 + 110 + 240 + 240 & 733 &:= 6^0 + 6^0 + 9^3 + 26^0 + 26^0 = 60 + 60 + 93 + 260 + 260 \\ 733 &:= 5^0 + 9^3 + 12^0 + 20^0 + 27^0 = 50 + 93 + 120 + 200 + 270 & 733 &:= 6^0 + 7^0 + 9^3 + 24^0 + 27^0 = 60 + 70 + 93 + 240 + 270 \\ 733 &:= 5^0 + 9^3 + 12^0 + 21^0 + 26^0 = 50 + 93 + 120 + 210 + 260 & 733 &:= 6^0 + 7^0 + 9^3 + 25^0 + 26^0 = 60 + 70 + 93 + 250 + 260 \\ 733 &:= 5^0 + 9^3 + 12^0 + 22^0 + 25^0 = 50 + 93 + 120 + 220 + 250 & 733 &:= 6^0 + 8^0 + 9^3 + 23^0 + 27^0 = 60 + 80 + 93 + 230 + 270 \\ 733 &:= 5^0 + 9^3 + 12^0 + 23^0 + 24^0 = 50 + 93 + 120 + 230 + 240 & 733 &:= 6^0 + 8^0 + 9^3 + 24^0 + 26^0 = 60 + 80 + 93 + 240 + 260 \\ 733 &:= 5^0 + 9^3 + 13^0 + 19^0 + 27^0 = 50 + 93 + 130 + 190 + 270 & 733 &:= 6^0 + 8^0 + 9^3 + 25^0 + 25^0 = 60 + 80 + 93 + 250 + 250 \\ 733 &:= 5^0 + 9^3 + 13^0 + 20^0 + 26^0 = 50 + 93 + 130 + 200 + 260 & 733 &:= 6^0 + 9^0 + 9^3 + 22^0 + 27^0 = 60 + 90 + 93 + 220 + 270 \\ 733 &:= 5^0 + 9^3 + 13^0 + 21^0 + 25^0 = 50 + 93 + 130 + 210 + 250 & 733 &:= 6^0 + 9^0 + 9^3 + 23^0 + 26^0 = 60 + 90 + 93 + 230 + 260 \\ 733 &:= 5^0 + 9^3 + 13^0 + 22^0 + 24^0 = 50 + 93 + 130 + 220 + 240 & 733 &:= 6^0 + 9^0 + 9^3 + 24^0 + 25^0 = 60 + 90 + 93 + 240 + 250 \\ 733 &:= 5^0 + 9^3 + 13^0 + 23^0 + 23^0 = 50 + 93 + 130 + 230 + 230 & 733 &:= 6^0 + 9^3 + 10^0 + 21^0 + 27^0 = 60 + 93 + 100 + 210 + 270 \\ 733 &:= 5^0 + 9^3 + 14^0 + 18^0 + 27^0 = 50 + 93 + 140 + 180 + 270 & 733 &:= 6^0 + 9^3 + 10^0 + 22^0 + 26^0 = 60 + 93 + 100 + 220 + 260 \\ 733 &:= 5^0 + 9^3 + 14^0 + 19^0 + 26^0 = 50 + 93 + 140 + 190 + 260 & 733 &:= 6^0 + 9^3 + 10^0 + 23^0 + 25^0 = 60 + 93 + 100 + 230 + 250 \\ 733 &:= 5^0 + 9^3 + 14^0 + 20^0 + 25^0 = 50 + 93 + 140 + 200 + 250 & 733 &:= 6^0 + 9^3 + 10^0 + 24^0 + 24^0 = 60 + 93 + 100 + 240 + 240 \\ 733 &:= 5^0 + 9^3 + 14^0 + 21^0 + 24^0 = 50 + 93 + 140 + 210 + 240 & 733 &:= 6^0 + 9^3 + 11^0 + 20^0 + 27^0 = 60 + 93 + 110 + 200 + 270 \\ 733 &:= 5^0 + 9^3 + 14^0 + 22^0 + 23^0 = 50 + 93 + 140 + 220 + 230 & 733 &:= 6^0 + 9^3 + 11^0 + 21^0 + 26^0 = 60 + 93 + 110 + 210 + 260 \\ 733 &:= 5^0 + 9^3 + 15^0 + 17^0 + 27^0 = 50 + 93 + 150 + 170 + 270 & 733 &:= 6^0 + 9^3 + 11^0 + 22^0 + 25^0 = 60 + 93 + 110 + 220 + 250 \\ 733 &:= 5^0 + 9^3 + 15^0 + 18^0 + 26^0 = 50 + 93 + 150 + 180 + 260 & 733 &:= 6^0 + 9^3 + 11^0 + 23^0 + 24^0 = 60 + 93 + 110 + 230 + 240 \\ 733 &:= 5^0 + 9^3 + 15^0 + 19^0 + 25^0 = 50 + 93 + 150 + 190 + 250 & 733 &:= 6^0 + 9^3 + 12^0 + 19^0 + 27^0 = 60 + 93 + 120 + 190 + 270 \\ 733 &:= 5^0 + 9^3 + 15^0 + 20^0 + 24^0 = 50 + 93 + 150 + 200 + 240 & 733 &:= 6^0 + 9^3 + 12^0 + 20^0 + 26^0 = 60 + 93 + 120 + 200 + 260 \\ 733 &:= 5^0 + 9^3 + 15^0 + 21^0 + 23^0 = 50 + 93 + 150 + 210 + 230 & 733 &:= 6^0 + 9^3 + 12^0 + 21^0 + 25^0 = 60 + 93 + 120 + 210 + 250 \\ 733 &:= 5^0 + 9^3 + 15^0 + 22^0 + 22^0 = 50 + 93 + 150 + 220 + 220 & 733 &:= 6^0 + 9^3 + 12^0 + 22^0 + 24^0 = 60 + 93 + 120 + 220 + 240 \\ 733 &:= 5^0 + 9^3 + 16^0 + 16^0 + 27^0 = 50 + 93 + 160 + 160 + 270 & 733 &:= 6^0 + 9^3 + 12^0 + 23^0 + 23^0 = 60 + 93 + 120 + 230 + 230 \end{aligned}$$

$$\begin{aligned} 733 &:= 6^0 + 9^3 + 13^0 + 18^0 + 27^0 = 60 + 93 + 130 + 180 + 270 & 733 &:= 7^0 + 9^0 + 9^3 + 22^0 + 26^0 = 70 + 90 + 93 + 220 + 260 \\ 733 &:= 6^0 + 9^3 + 13^0 + 19^0 + 26^0 = 60 + 93 + 130 + 190 + 260 & 733 &:= 7^0 + 9^0 + 9^3 + 23^0 + 25^0 = 70 + 90 + 93 + 230 + 250 \\ 733 &:= 6^0 + 9^3 + 13^0 + 20^0 + 25^0 = 60 + 93 + 130 + 200 + 250 & 733 &:= 7^0 + 9^0 + 9^3 + 24^0 + 24^0 = 70 + 90 + 93 + 240 + 240 \\ 733 &:= 6^0 + 9^3 + 13^0 + 21^0 + 24^0 = 60 + 93 + 130 + 210 + 240 & 733 &:= 7^0 + 9^3 + 10^0 + 20^0 + 27^0 = 70 + 93 + 100 + 200 + 270 \\ 733 &:= 6^0 + 9^3 + 13^0 + 22^0 + 23^0 = 60 + 93 + 130 + 220 + 230 & 733 &:= 7^0 + 9^3 + 10^0 + 21^0 + 26^0 = 70 + 93 + 100 + 210 + 260 \\ 733 &:= 6^0 + 9^3 + 14^0 + 17^0 + 27^0 = 60 + 93 + 140 + 170 + 270 & 733 &:= 7^0 + 9^3 + 10^0 + 22^0 + 25^0 = 70 + 93 + 100 + 220 + 250 \\ 733 &:= 6^0 + 9^3 + 14^0 + 18^0 + 26^0 = 60 + 93 + 140 + 180 + 260 & 733 &:= 7^0 + 9^3 + 10^0 + 23^0 + 24^0 = 70 + 93 + 100 + 230 + 240 \\ 733 &:= 6^0 + 9^3 + 14^0 + 19^0 + 25^0 = 60 + 93 + 140 + 190 + 250 & 733 &:= 7^0 + 9^3 + 11^0 + 19^0 + 27^0 = 70 + 93 + 110 + 190 + 270 \\ 733 &:= 6^0 + 9^3 + 14^0 + 20^0 + 24^0 = 60 + 93 + 140 + 200 + 240 & 733 &:= 7^0 + 9^3 + 11^0 + 20^0 + 26^0 = 70 + 93 + 110 + 200 + 260 \\ 733 &:= 6^0 + 9^3 + 14^0 + 21^0 + 23^0 = 60 + 93 + 140 + 210 + 230 & 733 &:= 7^0 + 9^3 + 11^0 + 21^0 + 25^0 = 70 + 93 + 110 + 210 + 250 \\ 733 &:= 6^0 + 9^3 + 14^0 + 22^0 + 22^0 = 60 + 93 + 140 + 220 + 220 & 733 &:= 7^0 + 9^3 + 11^0 + 22^0 + 24^0 = 70 + 93 + 110 + 220 + 240 \\ 733 &:= 6^0 + 9^3 + 15^0 + 16^0 + 27^0 = 60 + 93 + 150 + 160 + 270 & 733 &:= 7^0 + 9^3 + 11^0 + 23^0 + 23^0 = 70 + 93 + 110 + 230 + 230 \\ 733 &:= 6^0 + 9^3 + 15^0 + 17^0 + 26^0 = 60 + 93 + 150 + 170 + 260 & 733 &:= 7^0 + 9^3 + 12^0 + 18^0 + 27^0 = 70 + 93 + 120 + 180 + 270 \\ 733 &:= 6^0 + 9^3 + 15^0 + 18^0 + 25^0 = 60 + 93 + 150 + 180 + 250 & 733 &:= 7^0 + 9^3 + 12^0 + 19^0 + 26^0 = 70 + 93 + 120 + 190 + 260 \\ 733 &:= 6^0 + 9^3 + 15^0 + 19^0 + 24^0 = 60 + 93 + 150 + 190 + 240 & 733 &:= 7^0 + 9^3 + 12^0 + 20^0 + 25^0 = 70 + 93 + 120 + 200 + 250 \\ 733 &:= 6^0 + 9^3 + 15^0 + 20^0 + 23^0 = 60 + 93 + 150 + 200 + 230 & 733 &:= 7^0 + 9^3 + 12^0 + 21^0 + 24^0 = 70 + 93 + 120 + 210 + 240 \\ 733 &:= 6^0 + 9^3 + 15^0 + 21^0 + 22^0 = 60 + 93 + 150 + 210 + 220 & 733 &:= 7^0 + 9^3 + 12^0 + 22^0 + 23^0 = 70 + 93 + 120 + 220 + 230 \\ 733 &:= 6^0 + 9^3 + 16^0 + 16^0 + 26^0 = 60 + 93 + 160 + 160 + 260 & 733 &:= 7^0 + 9^3 + 13^0 + 17^0 + 27^0 = 70 + 93 + 130 + 170 + 270 \\ 733 &:= 6^0 + 9^3 + 16^0 + 17^0 + 25^0 = 60 + 93 + 160 + 170 + 250 & 733 &:= 7^0 + 9^3 + 13^0 + 18^0 + 26^0 = 70 + 93 + 130 + 180 + 260 \\ 733 &:= 6^0 + 9^3 + 16^0 + 18^0 + 24^0 = 60 + 93 + 160 + 180 + 240 & 733 &:= 7^0 + 9^3 + 13^0 + 19^0 + 25^0 = 70 + 93 + 130 + 190 + 250 \\ 733 &:= 6^0 + 9^3 + 16^0 + 19^0 + 23^0 = 60 + 93 + 160 + 190 + 230 & 733 &:= 7^0 + 9^3 + 13^0 + 20^0 + 24^0 = 70 + 93 + 130 + 200 + 240 \\ 733 &:= 6^0 + 9^3 + 16^0 + 20^0 + 22^0 = 60 + 93 + 160 + 200 + 220 & 733 &:= 7^0 + 9^3 + 13^0 + 21^0 + 23^0 = 70 + 93 + 130 + 210 + 230 \\ 733 &:= 6^0 + 9^3 + 16^0 + 21^0 + 21^0 = 60 + 93 + 160 + 210 + 210 & 733 &:= 7^0 + 9^3 + 13^0 + 22^0 + 22^0 = 70 + 93 + 130 + 220 + 220 \\ 733 &:= 6^0 + 9^3 + 17^0 + 17^0 + 24^0 = 60 + 93 + 170 + 170 + 240 & 733 &:= 7^0 + 9^3 + 14^0 + 16^0 + 27^0 = 70 + 93 + 140 + 160 + 270 \\ 733 &:= 6^0 + 9^3 + 17^0 + 18^0 + 23^0 = 60 + 93 + 170 + 180 + 230 & 733 &:= 7^0 + 9^3 + 14^0 + 17^0 + 26^0 = 70 + 93 + 140 + 170 + 260 \\ 733 &:= 6^0 + 9^3 + 17^0 + 19^0 + 22^0 = 60 + 93 + 170 + 190 + 220 & 733 &:= 7^0 + 9^3 + 14^0 + 18^0 + 25^0 = 70 + 93 + 140 + 180 + 250 \\ 733 &:= 6^0 + 9^3 + 17^0 + 20^0 + 21^0 = 60 + 93 + 170 + 200 + 210 & 733 &:= 7^0 + 9^3 + 14^0 + 19^0 + 24^0 = 70 + 93 + 140 + 190 + 240 \\ 733 &:= 6^0 + 9^3 + 18^0 + 18^0 + 22^0 = 60 + 93 + 180 + 180 + 220 & 733 &:= 7^0 + 9^3 + 14^0 + 20^0 + 23^0 = 70 + 93 + 140 + 200 + 230 \\ 733 &:= 6^0 + 9^3 + 18^0 + 19^0 + 21^0 = 60 + 93 + 180 + 190 + 210 & 733 &:= 7^0 + 9^3 + 14^0 + 21^0 + 22^0 = 70 + 93 + 140 + 210 + 220 \\ 733 &:= 6^0 + 9^3 + 18^0 + 20^0 + 20^0 = 60 + 93 + 180 + 200 + 200 & 733 &:= 7^0 + 9^3 + 15^0 + 15^0 + 27^0 = 70 + 93 + 150 + 150 + 270 \\ 733 &:= 6^0 + 9^3 + 19^0 + 19^0 + 20^0 = 60 + 93 + 190 + 190 + 200 & 733 &:= 7^0 + 9^3 + 15^0 + 16^0 + 26^0 = 70 + 93 + 150 + 160 + 260 \\ 733 &:= 7^0 + 7^0 + 9^3 + 23^0 + 27^0 = 70 + 70 + 93 + 230 + 270 & 733 &:= 7^0 + 9^3 + 15^0 + 17^0 + 25^0 = 70 + 93 + 150 + 170 + 250 \\ 733 &:= 7^0 + 7^0 + 9^3 + 24^0 + 26^0 = 70 + 70 + 93 + 240 + 260 & 733 &:= 7^0 + 9^3 + 15^0 + 18^0 + 24^0 = 70 + 93 + 150 + 180 + 240 \\ 733 &:= 7^0 + 7^0 + 9^3 + 25^0 + 25^0 = 70 + 70 + 93 + 250 + 250 & 733 &:= 7^0 + 9^3 + 15^0 + 19^0 + 23^0 = 70 + 93 + 150 + 190 + 230 \\ 733 &:= 7^0 + 8^0 + 9^3 + 22^0 + 27^0 = 70 + 80 + 93 + 220 + 270 & 733 &:= 7^0 + 9^3 + 15^0 + 20^0 + 22^0 = 70 + 93 + 150 + 200 + 220 \\ 733 &:= 7^0 + 8^0 + 9^3 + 23^0 + 26^0 = 70 + 80 + 93 + 230 + 260 & 733 &:= 7^0 + 9^3 + 15^0 + 21^0 + 21^0 = 70 + 93 + 150 + 210 + 210 \\ 733 &:= 7^0 + 8^0 + 9^3 + 24^0 + 25^0 = 70 + 80 + 93 + 240 + 250 & 733 &:= 7^0 + 9^3 + 16^0 + 16^0 + 25^0 = 70 + 93 + 160 + 160 + 250 \\ 733 &:= 7^0 + 9^0 + 9^3 + 21^0 + 27^0 = 70 + 90 + 93 + 210 + 270 & 733 &:= 7^0 + 9^3 + 16^0 + 17^0 + 24^0 = 70 + 93 + 160 + 170 + 240 \end{aligned}$$

$$\begin{aligned} 733 &:= 7^0 + 9^3 + 16^0 + 18^0 + 23^0 = 70 + 93 + 160 + 180 + 230 & 733 &:= 8^0 + 9^3 + 13^0 + 20^0 + 23^0 = 80 + 93 + 130 + 200 + 230 \\ 733 &:= 7^0 + 9^3 + 16^0 + 19^0 + 22^0 = 70 + 93 + 160 + 190 + 220 & 733 &:= 8^0 + 9^3 + 13^0 + 21^0 + 22^0 = 80 + 93 + 130 + 210 + 220 \\ 733 &:= 7^0 + 9^3 + 16^0 + 20^0 + 21^0 = 70 + 93 + 160 + 200 + 210 & 733 &:= 8^0 + 9^3 + 14^0 + 15^0 + 27^0 = 80 + 93 + 140 + 150 + 270 \\ 733 &:= 7^0 + 9^3 + 17^0 + 17^0 + 23^0 = 70 + 93 + 170 + 170 + 230 & 733 &:= 8^0 + 9^3 + 14^0 + 16^0 + 26^0 = 80 + 93 + 140 + 160 + 260 \\ 733 &:= 7^0 + 9^3 + 17^0 + 18^0 + 22^0 = 70 + 93 + 170 + 180 + 220 & 733 &:= 8^0 + 9^3 + 14^0 + 17^0 + 25^0 = 80 + 93 + 140 + 170 + 250 \\ 733 &:= 7^0 + 9^3 + 17^0 + 19^0 + 21^0 = 70 + 93 + 170 + 190 + 210 & 733 &:= 8^0 + 9^3 + 14^0 + 18^0 + 24^0 = 80 + 93 + 140 + 180 + 240 \\ 733 &:= 7^0 + 9^3 + 17^0 + 20^0 + 20^0 = 70 + 93 + 170 + 200 + 200 & 733 &:= 8^0 + 9^3 + 14^0 + 19^0 + 23^0 = 80 + 93 + 140 + 190 + 230 \\ 733 &:= 7^0 + 9^3 + 18^0 + 18^0 + 21^0 = 70 + 93 + 180 + 180 + 210 & 733 &:= 8^0 + 9^3 + 14^0 + 20^0 + 22^0 = 80 + 93 + 140 + 200 + 220 \\ 733 &:= 7^0 + 9^3 + 18^0 + 19^0 + 20^0 = 70 + 93 + 180 + 190 + 200 & 733 &:= 8^0 + 9^3 + 14^0 + 21^0 + 21^0 = 80 + 93 + 140 + 210 + 210 \\ 733 &:= 7^0 + 9^3 + 19^0 + 19^0 + 19^0 = 70 + 93 + 190 + 190 + 190 & 733 &:= 8^0 + 9^3 + 15^0 + 15^0 + 26^0 = 80 + 93 + 150 + 150 + 260 \\ 733 &:= 8^0 + 8^0 + 9^3 + 21^0 + 27^0 = 80 + 80 + 93 + 210 + 270 & 733 &:= 8^0 + 9^3 + 15^0 + 16^0 + 25^0 = 80 + 93 + 150 + 160 + 250 \\ 733 &:= 8^0 + 8^0 + 9^3 + 22^0 + 26^0 = 80 + 80 + 93 + 220 + 260 & 733 &:= 8^0 + 9^3 + 15^0 + 17^0 + 24^0 = 80 + 93 + 150 + 170 + 240 \\ 733 &:= 8^0 + 8^0 + 9^3 + 23^0 + 25^0 = 80 + 80 + 93 + 230 + 250 & 733 &:= 8^0 + 9^3 + 15^0 + 18^0 + 23^0 = 80 + 93 + 150 + 180 + 230 \\ 733 &:= 8^0 + 8^0 + 9^3 + 24^0 + 24^0 = 80 + 80 + 93 + 240 + 240 & 733 &:= 8^0 + 9^3 + 15^0 + 19^0 + 22^0 = 80 + 93 + 150 + 190 + 220 \\ 733 &:= 8^0 + 9^0 + 9^3 + 20^0 + 27^0 = 80 + 90 + 93 + 200 + 270 & 733 &:= 8^0 + 9^3 + 15^0 + 20^0 + 21^0 = 80 + 93 + 150 + 200 + 210 \\ 733 &:= 8^0 + 9^0 + 9^3 + 21^0 + 26^0 = 80 + 90 + 93 + 210 + 260 & 733 &:= 8^0 + 9^3 + 16^0 + 16^0 + 24^0 = 80 + 93 + 160 + 160 + 240 \\ 733 &:= 8^0 + 9^0 + 9^3 + 22^0 + 25^0 = 80 + 90 + 93 + 220 + 250 & 733 &:= 8^0 + 9^3 + 16^0 + 17^0 + 23^0 = 80 + 93 + 160 + 170 + 230 \\ 733 &:= 8^0 + 9^0 + 9^3 + 23^0 + 24^0 = 80 + 90 + 93 + 230 + 240 & 733 &:= 8^0 + 9^3 + 16^0 + 18^0 + 22^0 = 80 + 93 + 160 + 180 + 220 \\ 733 &:= 8^0 + 9^3 + 10^0 + 19^0 + 27^0 = 80 + 93 + 100 + 190 + 270 & 733 &:= 8^0 + 9^3 + 16^0 + 19^0 + 21^0 = 80 + 93 + 160 + 190 + 210 \\ 733 &:= 8^0 + 9^3 + 10^0 + 20^0 + 26^0 = 80 + 93 + 100 + 200 + 260 & 733 &:= 8^0 + 9^3 + 16^0 + 20^0 + 20^0 = 80 + 93 + 160 + 200 + 200 \\ 733 &:= 8^0 + 9^3 + 10^0 + 21^0 + 25^0 = 80 + 93 + 100 + 210 + 250 & 733 &:= 8^0 + 9^3 + 17^0 + 17^0 + 22^0 = 80 + 93 + 170 + 170 + 220 \\ 733 &:= 8^0 + 9^3 + 10^0 + 22^0 + 24^0 = 80 + 93 + 100 + 220 + 240 & 733 &:= 8^0 + 9^3 + 17^0 + 18^0 + 21^0 = 80 + 93 + 170 + 180 + 210 \\ 733 &:= 8^0 + 9^3 + 10^0 + 23^0 + 23^0 = 80 + 93 + 100 + 230 + 230 & 733 &:= 8^0 + 9^3 + 17^0 + 19^0 + 20^0 = 80 + 93 + 170 + 190 + 200 \\ 733 &:= 8^0 + 9^3 + 11^0 + 18^0 + 27^0 = 80 + 93 + 110 + 180 + 270 & 733 &:= 8^0 + 9^3 + 18^0 + 18^0 + 20^0 = 80 + 93 + 180 + 180 + 200 \\ 733 &:= 8^0 + 9^3 + 11^0 + 19^0 + 26^0 = 80 + 93 + 110 + 190 + 260 & 733 &:= 8^0 + 9^3 + 18^0 + 19^0 + 19^0 = 80 + 93 + 180 + 190 + 190 \\ 733 &:= 8^0 + 9^3 + 11^0 + 20^0 + 25^0 = 80 + 93 + 110 + 200 + 250 & 733 &:= 9^0 + 9^0 + 9^3 + 19^0 + 27^0 = 90 + 90 + 93 + 190 + 270 \\ 733 &:= 8^0 + 9^3 + 11^0 + 21^0 + 24^0 = 80 + 93 + 110 + 210 + 240 & 733 &:= 9^0 + 9^0 + 9^3 + 20^0 + 26^0 = 90 + 90 + 93 + 200 + 260 \\ 733 &:= 8^0 + 9^3 + 11^0 + 22^0 + 23^0 = 80 + 93 + 110 + 220 + 230 & 733 &:= 9^0 + 9^0 + 9^3 + 21^0 + 25^0 = 90 + 90 + 93 + 210 + 250 \\ 733 &:= 8^0 + 9^3 + 12^0 + 17^0 + 27^0 = 80 + 93 + 120 + 170 + 270 & 733 &:= 9^0 + 9^0 + 9^3 + 22^0 + 24^0 = 90 + 90 + 93 + 220 + 240 \\ 733 &:= 8^0 + 9^3 + 12^0 + 18^0 + 26^0 = 80 + 93 + 120 + 180 + 260 & 733 &:= 9^0 + 9^0 + 9^3 + 23^0 + 23^0 = 90 + 90 + 93 + 230 + 230 \\ 733 &:= 8^0 + 9^3 + 12^0 + 19^0 + 25^0 = 80 + 93 + 120 + 190 + 250 & 733 &:= 9^0 + 9^3 + 10^0 + 18^0 + 27^0 = 90 + 93 + 100 + 180 + 270 \\ 733 &:= 8^0 + 9^3 + 12^0 + 20^0 + 24^0 = 80 + 93 + 120 + 200 + 240 & 733 &:= 9^0 + 9^3 + 10^0 + 19^0 + 26^0 = 90 + 93 + 100 + 190 + 260 \\ 733 &:= 8^0 + 9^3 + 12^0 + 21^0 + 23^0 = 80 + 93 + 120 + 210 + 230 & 733 &:= 9^0 + 9^3 + 10^0 + 20^0 + 25^0 = 90 + 93 + 100 + 200 + 250 \\ 733 &:= 8^0 + 9^3 + 12^0 + 22^0 + 22^0 = 80 + 93 + 120 + 220 + 220 & 733 &:= 9^0 + 9^3 + 10^0 + 21^0 + 24^0 = 90 + 93 + 100 + 210 + 240 \\ 733 &:= 8^0 + 9^3 + 13^0 + 16^0 + 27^0 = 80 + 93 + 130 + 160 + 270 & 733 &:= 9^0 + 9^3 + 10^0 + 22^0 + 23^0 = 90 + 93 + 100 + 220 + 230 \\ 733 &:= 8^0 + 9^3 + 13^0 + 17^0 + 26^0 = 80 + 93 + 130 + 170 + 260 & 733 &:= 9^0 + 9^3 + 11^0 + 17^0 + 27^0 = 90 + 93 + 110 + 170 + 270 \\ 733 &:= 8^0 + 9^3 + 13^0 + 18^0 + 25^0 = 80 + 93 + 130 + 180 + 250 & 733 &:= 9^0 + 9^3 + 11^0 + 18^0 + 26^0 = 90 + 93 + 110 + 180 + 260 \\ 733 &:= 8^0 + 9^3 + 13^0 + 19^0 + 24^0 = 80 + 93 + 130 + 190 + 240 & 733 &:= 9^0 + 9^3 + 11^0 + 19^0 + 25^0 = 90 + 93 + 110 + 190 + 250 \end{aligned}$$

$$\begin{aligned} 733 &:= 9^0 + 9^3 + 11^0 + 20^0 + 24^0 = 90 + 93 + 110 + 200 + 240 \\ 733 &:= 9^0 + 9^3 + 11^0 + 21^0 + 23^0 = 90 + 93 + 110 + 210 + 230 \\ 733 &:= 9^0 + 9^3 + 11^0 + 22^0 + 22^0 = 90 + 93 + 110 + 220 + 220 \\ 733 &:= 9^0 + 9^3 + 12^0 + 16^0 + 27^0 = 90 + 93 + 120 + 160 + 270 \\ 733 &:= 9^0 + 9^3 + 12^0 + 17^0 + 26^0 = 90 + 93 + 120 + 170 + 260 \\ 733 &:= 9^0 + 9^3 + 12^0 + 18^0 + 25^0 = 90 + 93 + 120 + 180 + 250 \\ 733 &:= 9^0 + 9^3 + 12^0 + 19^0 + 24^0 = 90 + 93 + 120 + 190 + 240 \\ 733 &:= 9^0 + 9^3 + 12^0 + 20^0 + 23^0 = 90 + 93 + 120 + 200 + 230 \\ 733 &:= 9^0 + 9^3 + 12^0 + 21^0 + 22^0 = 90 + 93 + 120 + 210 + 220 \\ 733 &:= 9^0 + 9^3 + 13^0 + 15^0 + 27^0 = 90 + 93 + 130 + 150 + 270 \\ 733 &:= 9^0 + 9^3 + 13^0 + 16^0 + 26^0 = 90 + 93 + 130 + 160 + 260 \\ 733 &:= 9^0 + 9^3 + 13^0 + 17^0 + 25^0 = 90 + 93 + 130 + 170 + 250 \\ 733 &:= 9^0 + 9^3 + 13^0 + 18^0 + 24^0 = 90 + 93 + 130 + 180 + 240 \\ 733 &:= 9^0 + 9^3 + 13^0 + 19^0 + 23^0 = 90 + 93 + 130 + 190 + 230 \\ 733 &:= 9^0 + 9^3 + 13^0 + 20^0 + 22^0 = 90 + 93 + 130 + 200 + 220 \\ 733 &:= 9^0 + 9^3 + 13^0 + 21^0 + 21^0 = 90 + 93 + 130 + 210 + 210 \\ 733 &:= 9^0 + 9^3 + 14^0 + 14^0 + 27^0 = 90 + 93 + 140 + 140 + 270 \\ 733 &:= 9^0 + 9^3 + 14^0 + 15^0 + 26^0 = 90 + 93 + 140 + 150 + 260 \\ 733 &:= 9^0 + 9^3 + 14^0 + 16^0 + 25^0 = 90 + 93 + 140 + 160 + 250 \\ 733 &:= 9^0 + 9^3 + 14^0 + 17^0 + 24^0 = 90 + 93 + 140 + 170 + 240 \\ 733 &:= 9^0 + 9^3 + 14^0 + 18^0 + 23^0 = 90 + 93 + 140 + 180 + 230 \\ 733 &:= 9^0 + 9^3 + 14^0 + 19^0 + 22^0 = 90 + 93 + 140 + 190 + 220 \\ 733 &:= 9^0 + 9^3 + 14^0 + 20^0 + 21^0 = 90 + 93 + 140 + 200 + 210 \\ 733 &:= 9^0 + 9^3 + 15^0 + 15^0 + 25^0 = 90 + 93 + 150 + 150 + 250 \\ 733 &:= 9^0 + 9^3 + 15^0 + 16^0 + 24^0 = 90 + 93 + 150 + 160 + 240 \\ 733 &:= 9^0 + 9^3 + 15^0 + 17^0 + 23^0 = 90 + 93 + 150 + 170 + 230 \\ 733 &:= 9^0 + 9^3 + 15^0 + 18^0 + 22^0 = 90 + 93 + 150 + 180 + 220 \\ 733 &:= 9^0 + 9^3 + 15^0 + 19^0 + 21^0 = 90 + 93 + 150 + 190 + 210 \\ 733 &:= 9^0 + 9^3 + 15^0 + 20^0 + 20^0 = 90 + 93 + 150 + 200 + 200 \\ 733 &:= 9^0 + 9^3 + 16^0 + 16^0 + 23^0 = 90 + 93 + 160 + 160 + 230 \\ 733 &:= 9^0 + 9^3 + 16^0 + 17^0 + 22^0 = 90 + 93 + 160 + 170 + 220 \\ 733 &:= 9^0 + 9^3 + 16^0 + 18^0 + 21^0 = 90 + 93 + 160 + 180 + 210 \\ 733 &:= 9^0 + 9^3 + 16^0 + 19^0 + 20^0 = 90 + 93 + 160 + 190 + 200 \\ 733 &:= 9^0 + 9^3 + 17^0 + 17^0 + 21^0 = 90 + 93 + 170 + 170 + 210 \\ 733 &:= 9^0 + 9^3 + 17^0 + 18^0 + 20^0 = 90 + 93 + 170 + 180 + 200 \\ 733 &:= 9^0 + 9^3 + 17^0 + 19^0 + 19^0 = 90 + 93 + 170 + 190 + 190 \\ 733 &:= 9^0 + 9^3 + 18^0 + 18^0 + 19^0 = 90 + 93 + 180 + 180 + 190 \\ 733 &:= 9^3 + 10^0 + 10^0 + 17^0 + 27^0 = 93 + 100 + 100 + 170 + 270 \end{aligned}$$

$$\begin{aligned} 733 &:= 9^3 + 10^0 + 10^0 + 18^0 + 26^0 = 93 + 100 + 100 + 180 + 260 \\ 733 &:= 9^3 + 10^0 + 10^0 + 19^0 + 25^0 = 93 + 100 + 100 + 190 + 250 \\ 733 &:= 9^3 + 10^0 + 10^0 + 20^0 + 24^0 = 93 + 100 + 100 + 200 + 240 \\ 733 &:= 9^3 + 10^0 + 10^0 + 21^0 + 23^0 = 93 + 100 + 100 + 210 + 230 \\ 733 &:= 9^3 + 10^0 + 10^0 + 22^0 + 22^0 = 93 + 100 + 100 + 220 + 220 \\ 733 &:= 9^3 + 10^0 + 11^0 + 16^0 + 27^0 = 93 + 100 + 110 + 160 + 270 \\ 733 &:= 9^3 + 10^0 + 11^0 + 17^0 + 26^0 = 93 + 100 + 110 + 170 + 260 \\ 733 &:= 9^3 + 10^0 + 11^0 + 18^0 + 25^0 = 93 + 100 + 110 + 180 + 250 \\ 733 &:= 9^3 + 10^0 + 11^0 + 19^0 + 24^0 = 93 + 100 + 110 + 190 + 240 \\ 733 &:= 9^3 + 10^0 + 11^0 + 20^0 + 23^0 = 93 + 100 + 110 + 200 + 230 \\ 733 &:= 9^3 + 10^0 + 11^0 + 21^0 + 22^0 = 93 + 100 + 110 + 210 + 220 \\ 733 &:= 9^3 + 10^0 + 12^0 + 15^0 + 27^0 = 93 + 100 + 120 + 150 + 270 \\ 733 &:= 9^3 + 10^0 + 12^0 + 16^0 + 26^0 = 93 + 100 + 120 + 160 + 260 \\ 733 &:= 9^3 + 10^0 + 12^0 + 17^0 + 25^0 = 93 + 100 + 120 + 170 + 250 \\ 733 &:= 9^3 + 10^0 + 12^0 + 18^0 + 24^0 = 93 + 100 + 120 + 180 + 240 \\ 733 &:= 9^3 + 10^0 + 12^0 + 19^0 + 23^0 = 93 + 100 + 120 + 190 + 230 \\ 733 &:= 9^3 + 10^0 + 12^0 + 20^0 + 22^0 = 93 + 100 + 120 + 200 + 220 \\ 733 &:= 9^3 + 10^0 + 12^0 + 21^0 + 21^0 = 93 + 100 + 120 + 210 + 210 \\ 733 &:= 9^3 + 10^0 + 13^0 + 14^0 + 27^0 = 93 + 100 + 130 + 140 + 270 \\ 733 &:= 9^3 + 10^0 + 13^0 + 15^0 + 26^0 = 93 + 100 + 130 + 150 + 260 \\ 733 &:= 9^3 + 10^0 + 13^0 + 16^0 + 25^0 = 93 + 100 + 130 + 160 + 250 \\ 733 &:= 9^3 + 10^0 + 13^0 + 17^0 + 24^0 = 93 + 100 + 130 + 170 + 240 \\ 733 &:= 9^3 + 10^0 + 13^0 + 18^0 + 23^0 = 93 + 100 + 130 + 180 + 230 \\ 733 &:= 9^3 + 10^0 + 13^0 + 19^0 + 22^0 = 93 + 100 + 130 + 190 + 220 \\ 733 &:= 9^3 + 10^0 + 13^0 + 20^0 + 21^0 = 93 + 100 + 130 + 200 + 210 \\ 733 &:= 9^3 + 10^0 + 14^0 + 14^0 + 26^0 = 93 + 100 + 140 + 140 + 260 \\ 733 &:= 9^3 + 10^0 + 14^0 + 15^0 + 25^0 = 93 + 100 + 140 + 150 + 250 \\ 733 &:= 9^3 + 10^0 + 14^0 + 16^0 + 24^0 = 93 + 100 + 140 + 160 + 240 \\ 733 &:= 9^3 + 10^0 + 14^0 + 17^0 + 23^0 = 93 + 100 + 140 + 170 + 230 \\ 733 &:= 9^3 + 10^0 + 14^0 + 18^0 + 22^0 = 93 + 100 + 140 + 180 + 220 \\ 733 &:= 9^3 + 10^0 + 14^0 + 19^0 + 21^0 = 93 + 100 + 140 + 190 + 210 \\ 733 &:= 9^3 + 10^0 + 14^0 + 20^0 + 20^0 = 93 + 100 + 140 + 200 + 200 \\ 733 &:= 9^3 + 10^0 + 15^0 + 15^0 + 24^0 = 93 + 100 + 150 + 150 + 240 \\ 733 &:= 9^3 + 10^0 + 15^0 + 16^0 + 23^0 = 93 + 100 + 150 + 160 + 230 \\ 733 &:= 9^3 + 10^0 + 15^0 + 17^0 + 22^0 = 93 + 100 + 150 + 170 + 220 \\ 733 &:= 9^3 + 10^0 + 15^0 + 18^0 + 21^0 = 93 + 100 + 150 + 180 + 210 \\ 733 &:= 9^3 + 10^0 + 15^0 + 19^0 + 20^0 = 93 + 100 + 150 + 190 + 200 \\ 733 &:= 9^3 + 10^0 + 16^0 + 16^0 + 22^0 = 93 + 100 + 160 + 160 + 220 \end{aligned}$$

$$\begin{aligned}733 &:= 9^3 + 10^0 + 16^0 + 17^0 + 21^0 = 93 + 100 + 160 + 170 + 210 \\733 &:= 9^3 + 10^0 + 16^0 + 18^0 + 20^0 = 93 + 100 + 160 + 180 + 200 \\733 &:= 9^3 + 10^0 + 16^0 + 19^0 + 19^0 = 93 + 100 + 160 + 190 + 190 \\733 &:= 9^3 + 10^0 + 17^0 + 17^0 + 20^0 = 93 + 100 + 170 + 170 + 200 \\733 &:= 9^3 + 10^0 + 17^0 + 18^0 + 19^0 = 93 + 100 + 170 + 180 + 190 \\733 &:= 9^3 + 10^0 + 18^0 + 18^0 + 18^0 = 93 + 100 + 180 + 180 + 180 \\733 &:= 9^3 + 11^0 + 11^0 + 15^0 + 27^0 = 93 + 110 + 110 + 150 + 270 \\733 &:= 9^3 + 11^0 + 11^0 + 16^0 + 26^0 = 93 + 110 + 110 + 160 + 260 \\733 &:= 9^3 + 11^0 + 11^0 + 17^0 + 25^0 = 93 + 110 + 110 + 170 + 250 \\733 &:= 9^3 + 11^0 + 11^0 + 18^0 + 24^0 = 93 + 110 + 110 + 180 + 240 \\733 &:= 9^3 + 11^0 + 11^0 + 19^0 + 23^0 = 93 + 110 + 110 + 190 + 230 \\733 &:= 9^3 + 11^0 + 11^0 + 20^0 + 22^0 = 93 + 110 + 110 + 200 + 220 \\733 &:= 9^3 + 11^0 + 11^0 + 21^0 + 21^0 = 93 + 110 + 110 + 210 + 210 \\733 &:= 9^3 + 11^0 + 12^0 + 14^0 + 27^0 = 93 + 110 + 120 + 140 + 270 \\733 &:= 9^3 + 11^0 + 12^0 + 15^0 + 26^0 = 93 + 110 + 120 + 150 + 260 \\733 &:= 9^3 + 11^0 + 12^0 + 16^0 + 25^0 = 93 + 110 + 120 + 160 + 250 \\733 &:= 9^3 + 11^0 + 12^0 + 17^0 + 24^0 = 93 + 110 + 120 + 170 + 240 \\733 &:= 9^3 + 11^0 + 12^0 + 18^0 + 23^0 = 93 + 110 + 120 + 180 + 230 \\733 &:= 9^3 + 11^0 + 12^0 + 19^0 + 22^0 = 93 + 110 + 120 + 190 + 220 \\733 &:= 9^3 + 11^0 + 12^0 + 20^0 + 21^0 = 93 + 110 + 120 + 200 + 210 \\733 &:= 9^3 + 11^0 + 13^0 + 13^0 + 27^0 = 93 + 110 + 130 + 130 + 270 \\733 &:= 9^3 + 11^0 + 13^0 + 14^0 + 26^0 = 93 + 110 + 130 + 140 + 260 \\733 &:= 9^3 + 11^0 + 13^0 + 15^0 + 25^0 = 93 + 110 + 130 + 150 + 250 \\733 &:= 9^3 + 11^0 + 13^0 + 16^0 + 24^0 = 93 + 110 + 130 + 160 + 240 \\733 &:= 9^3 + 11^0 + 13^0 + 17^0 + 23^0 = 93 + 110 + 130 + 170 + 230 \\733 &:= 9^3 + 11^0 + 13^0 + 18^0 + 22^0 = 93 + 110 + 130 + 180 + 220 \\733 &:= 9^3 + 11^0 + 13^0 + 19^0 + 21^0 = 93 + 110 + 130 + 190 + 210 \\733 &:= 9^3 + 11^0 + 13^0 + 20^0 + 20^0 = 93 + 110 + 130 + 200 + 200 \\733 &:= 9^3 + 11^0 + 14^0 + 14^0 + 25^0 = 93 + 110 + 140 + 140 + 250 \\733 &:= 9^3 + 11^0 + 14^0 + 15^0 + 24^0 = 93 + 110 + 140 + 150 + 240 \\733 &:= 9^3 + 11^0 + 14^0 + 16^0 + 23^0 = 93 + 110 + 140 + 160 + 230 \\733 &:= 9^3 + 11^0 + 14^0 + 17^0 + 22^0 = 93 + 110 + 140 + 170 + 220 \\733 &:= 9^3 + 11^0 + 14^0 + 18^0 + 21^0 = 93 + 110 + 140 + 180 + 210 \\733 &:= 9^3 + 11^0 + 14^0 + 19^0 + 20^0 = 93 + 110 + 140 + 190 + 200 \\733 &:= 9^3 + 11^0 + 15^0 + 15^0 + 23^0 = 93 + 110 + 150 + 150 + 230 \\733 &:= 9^3 + 11^0 + 15^0 + 16^0 + 22^0 = 93 + 110 + 150 + 160 + 220 \\733 &:= 9^3 + 11^0 + 15^0 + 17^0 + 21^0 = 93 + 110 + 150 + 170 + 210 \\733 &:= 9^3 + 11^0 + 15^0 + 18^0 + 20^0 = 93 + 110 + 150 + 180 + 200\end{aligned}$$

$$\begin{aligned}733 &:= 9^3 + 11^0 + 15^0 + 19^0 + 19^0 = 93 + 110 + 150 + 190 + 190 \\733 &:= 9^3 + 11^0 + 16^0 + 16^0 + 21^0 = 93 + 110 + 160 + 160 + 210 \\733 &:= 9^3 + 11^0 + 16^0 + 17^0 + 20^0 = 93 + 110 + 160 + 170 + 200 \\733 &:= 9^3 + 11^0 + 16^0 + 18^0 + 19^0 = 93 + 110 + 160 + 180 + 190 \\733 &:= 9^3 + 11^0 + 17^0 + 17^0 + 19^0 = 93 + 110 + 170 + 170 + 190 \\733 &:= 9^3 + 11^0 + 17^0 + 18^0 + 18^0 = 93 + 110 + 170 + 180 + 180 \\733 &:= 9^3 + 12^0 + 12^0 + 13^0 + 27^0 = 93 + 120 + 120 + 130 + 270 \\733 &:= 9^3 + 12^0 + 12^0 + 14^0 + 26^0 = 93 + 120 + 120 + 140 + 260 \\733 &:= 9^3 + 12^0 + 12^0 + 15^0 + 25^0 = 93 + 120 + 120 + 150 + 250 \\733 &:= 9^3 + 12^0 + 12^0 + 16^0 + 24^0 = 93 + 120 + 120 + 160 + 240 \\733 &:= 9^3 + 12^0 + 12^0 + 17^0 + 23^0 = 93 + 120 + 120 + 170 + 230 \\733 &:= 9^3 + 12^0 + 12^0 + 18^0 + 22^0 = 93 + 120 + 120 + 180 + 220 \\733 &:= 9^3 + 12^0 + 12^0 + 19^0 + 21^0 = 93 + 120 + 120 + 190 + 210 \\733 &:= 9^3 + 12^0 + 12^0 + 20^0 + 20^0 = 93 + 120 + 120 + 200 + 200 \\733 &:= 9^3 + 12^0 + 13^0 + 13^0 + 26^0 = 93 + 120 + 130 + 130 + 260 \\733 &:= 9^3 + 12^0 + 13^0 + 14^0 + 25^0 = 93 + 120 + 130 + 140 + 250 \\733 &:= 9^3 + 12^0 + 13^0 + 15^0 + 24^0 = 93 + 120 + 130 + 150 + 240 \\733 &:= 9^3 + 12^0 + 13^0 + 16^0 + 23^0 = 93 + 120 + 130 + 160 + 230 \\733 &:= 9^3 + 12^0 + 13^0 + 17^0 + 22^0 = 93 + 120 + 130 + 170 + 220 \\733 &:= 9^3 + 12^0 + 13^0 + 18^0 + 21^0 = 93 + 120 + 130 + 180 + 210 \\733 &:= 9^3 + 12^0 + 13^0 + 19^0 + 20^0 = 93 + 120 + 130 + 190 + 200 \\733 &:= 9^3 + 12^0 + 14^0 + 14^0 + 24^0 = 93 + 120 + 140 + 140 + 240 \\733 &:= 9^3 + 12^0 + 14^0 + 15^0 + 23^0 = 93 + 120 + 140 + 150 + 230 \\733 &:= 9^3 + 12^0 + 14^0 + 16^0 + 22^0 = 93 + 120 + 140 + 160 + 220 \\733 &:= 9^3 + 12^0 + 14^0 + 17^0 + 21^0 = 93 + 120 + 140 + 170 + 210 \\733 &:= 9^3 + 12^0 + 14^0 + 18^0 + 20^0 = 93 + 120 + 140 + 180 + 200 \\733 &:= 9^3 + 12^0 + 14^0 + 19^0 + 19^0 = 93 + 120 + 140 + 190 + 190 \\733 &:= 9^3 + 12^0 + 15^0 + 15^0 + 22^0 = 93 + 120 + 150 + 150 + 220 \\733 &:= 9^3 + 12^0 + 15^0 + 16^0 + 21^0 = 93 + 120 + 150 + 160 + 210 \\733 &:= 9^3 + 12^0 + 15^0 + 17^0 + 20^0 = 93 + 120 + 150 + 170 + 200 \\733 &:= 9^3 + 12^0 + 15^0 + 18^0 + 19^0 = 93 + 120 + 150 + 180 + 190 \\733 &:= 9^3 + 12^0 + 16^0 + 16^0 + 20^0 = 93 + 120 + 160 + 160 + 200 \\733 &:= 9^3 + 12^0 + 16^0 + 17^0 + 19^0 = 93 + 120 + 160 + 170 + 190 \\733 &:= 9^3 + 12^0 + 16^0 + 18^0 + 18^0 = 93 + 120 + 160 + 180 + 180 \\733 &:= 9^3 + 12^0 + 17^0 + 17^0 + 18^0 = 93 + 120 + 170 + 170 + 180 \\733 &:= 9^3 + 13^0 + 13^0 + 13^0 + 25^0 = 93 + 130 + 130 + 130 + 250 \\733 &:= 9^3 + 13^0 + 13^0 + 14^0 + 24^0 = 93 + 130 + 130 + 140 + 240 \\733 &:= 9^3 + 13^0 + 13^0 + 15^0 + 23^0 = 93 + 130 + 130 + 150 + 230\end{aligned}$$

$$\begin{aligned}
 733 &:= 9^3 + 13^0 + 13^0 + 16^0 + 22^0 = 93 + 130 + 130 + 160 + 220 \\
 733 &:= 9^3 + 13^0 + 13^0 + 17^0 + 21^0 = 93 + 130 + 130 + 170 + 210 \\
 733 &:= 9^3 + 13^0 + 13^0 + 18^0 + 20^0 = 93 + 130 + 130 + 180 + 200 \\
 733 &:= 9^3 + 13^0 + 13^0 + 19^0 + 19^0 = 93 + 130 + 130 + 190 + 190 \\
 733 &:= 9^3 + 13^0 + 14^0 + 14^0 + 23^0 = 93 + 130 + 140 + 140 + 230 \\
 733 &:= 9^3 + 13^0 + 14^0 + 15^0 + 22^0 = 93 + 130 + 140 + 150 + 220 \\
 733 &:= 9^3 + 13^0 + 14^0 + 16^0 + 21^0 = 93 + 130 + 140 + 160 + 210 \\
 733 &:= 9^3 + 13^0 + 14^0 + 17^0 + 20^0 = 93 + 130 + 140 + 170 + 200 \\
 733 &:= 9^3 + 13^0 + 14^0 + 18^0 + 19^0 = 93 + 130 + 140 + 180 + 190 \\
 733 &:= 9^3 + 13^0 + 15^0 + 15^0 + 21^0 = 93 + 130 + 150 + 150 + 210 \\
 733 &:= 9^3 + 13^0 + 15^0 + 16^0 + 20^0 = 93 + 130 + 150 + 160 + 200 \\
 733 &:= 9^3 + 13^0 + 15^0 + 17^0 + 19^0 = 93 + 130 + 150 + 170 + 190 \\
 733 &:= 9^3 + 13^0 + 15^0 + 18^0 + 18^0 = 93 + 130 + 150 + 180 + 180 \\
 733 &:= 9^3 + 13^0 + 16^0 + 16^0 + 19^0 = 93 + 130 + 160 + 160 + 190 \\
 733 &:= 9^3 + 13^0 + 16^0 + 17^0 + 18^0 = 93 + 130 + 160 + 170 + 180 \\
 733 &:= 9^3 + 13^0 + 17^0 + 17^0 + 17^0 = 93 + 130 + 170 + 170 + 170
 \end{aligned}$$

$$\begin{aligned}
 733 &:= 9^3 + 14^0 + 14^0 + 14^0 + 22^0 = 93 + 140 + 140 + 140 + 220 \\
 733 &:= 9^3 + 14^0 + 14^0 + 15^0 + 21^0 = 93 + 140 + 140 + 150 + 210 \\
 733 &:= 9^3 + 14^0 + 14^0 + 16^0 + 20^0 = 93 + 140 + 140 + 160 + 200 \\
 733 &:= 9^3 + 14^0 + 14^0 + 17^0 + 19^0 = 93 + 140 + 140 + 170 + 190 \\
 733 &:= 9^3 + 14^0 + 14^0 + 18^0 + 18^0 = 93 + 140 + 140 + 180 + 180 \\
 733 &:= 9^3 + 14^0 + 15^0 + 15^0 + 20^0 = 93 + 140 + 150 + 150 + 200 \\
 733 &:= 9^3 + 14^0 + 15^0 + 16^0 + 19^0 = 93 + 140 + 150 + 160 + 190 \\
 733 &:= 9^3 + 14^0 + 15^0 + 17^0 + 18^0 = 93 + 140 + 150 + 170 + 180 \\
 733 &:= 9^3 + 14^0 + 16^0 + 16^0 + 18^0 = 93 + 140 + 160 + 160 + 180 \\
 733 &:= 9^3 + 14^0 + 16^0 + 17^0 + 17^0 = 93 + 140 + 160 + 170 + 170 \\
 733 &:= 9^3 + 15^0 + 15^0 + 15^0 + 19^0 = 93 + 150 + 150 + 150 + 190 \\
 733 &:= 9^3 + 15^0 + 15^0 + 16^0 + 18^0 = 93 + 150 + 150 + 160 + 180 \\
 733 &:= 9^3 + 15^0 + 15^0 + 17^0 + 17^0 = 93 + 150 + 150 + 170 + 170 \\
 733 &:= 9^3 + 15^0 + 16^0 + 16^0 + 17^0 = 93 + 150 + 160 + 160 + 170 \\
 733 &:= 9^3 + 16^0 + 16^0 + 16^0 + 16^0 = 93 + 160 + 160 + 160 + 160
 \end{aligned}$$

2.2.635 Number 734

$$\begin{aligned}
 734 &:= 2^2 + 27^2 + 44^0 &= 22 + 272 + 440 \\
 734 &:= 4^1 + 9^3 + 60^0 &= 41 + 93 + 600 \\
 734 &:= 1^0 + 3^1 + 9^3 + 60^0 &= 10 + 31 + 93 + 600 \\
 734 &:= 1^1 + 3^1 + 27^2 + 42^0 &= 11 + 31 + 272 + 420 \\
 734 &:= 1^5 + 2^6 + 25^2 + 44^1 &= 15 + 26 + 252 + 441 \\
 734 &:= 1^7 + 3^1 + 3^6 + 65^0 &= 17 + 31 + 36 + 650 \\
 734 &:= 1^7 + 5^4 + 7^2 + 59^1 &= 17 + 54 + 72 + 591 \\
 734 &:= 1^9 + 11^2 + 24^2 + 36^1 &= 19 + 112 + 242 + 361 \\
 734 &:= 1^9 + 13^2 + 23^2 + 35^1 &= 19 + 132 + 232 + 351 \\
 734 &:= 1^9 + 4^2 + 26^2 + 41^1 &= 19 + 42 + 262 + 411 \\
 734 &:= 2^0 + 3^1 + 9^3 + 59^0 &= 20 + 31 + 93 + 590 \\
 734 &:= 2^1 + 2^1 + 27^2 + 42^0 &= 21 + 21 + 272 + 420 \\
 734 &:= 2^8 + 7^3 + 9^2 + 54^1 &= 28 + 73 + 92 + 541 \\
 734 &:= 2^9 + 5^2 + 12^2 + 53^1 &= 29 + 52 + 122 + 531 \\
 734 &:= 2^9 + 7^2 + 11^2 + 52^1 &= 29 + 72 + 112 + 521 \\
 734 &:= 3^0 + 3^1 + 9^3 + 58^0 &= 30 + 31 + 93 + 580 \\
 734 &:= 3^1 + 4^0 + 9^3 + 57^0 &= 31 + 40 + 93 + 570 \\
 734 &:= 3^1 + 5^0 + 9^3 + 56^0 &= 31 + 50 + 93 + 560 \\
 734 &:= 3^1 + 6^0 + 9^3 + 55^0 &= 31 + 60 + 93 + 550
 \end{aligned}$$

$$\begin{aligned}
 734 &:= 3^1 + 7^0 + 9^3 + 54^0 &= 31 + 70 + 93 + 540 \\
 734 &:= 3^1 + 8^0 + 9^3 + 53^0 &= 31 + 80 + 93 + 530 \\
 734 &:= 3^1 + 9^0 + 9^3 + 52^0 &= 31 + 90 + 93 + 520 \\
 734 &:= 3^1 + 9^3 + 10^0 + 51^0 &= 31 + 93 + 100 + 510 \\
 734 &:= 3^1 + 9^3 + 11^0 + 50^0 &= 31 + 93 + 110 + 500 \\
 734 &:= 3^1 + 9^3 + 12^0 + 49^0 &= 31 + 93 + 120 + 490 \\
 734 &:= 3^1 + 9^3 + 13^0 + 48^0 &= 31 + 93 + 130 + 480 \\
 734 &:= 3^1 + 9^3 + 14^0 + 47^0 &= 31 + 93 + 140 + 470 \\
 734 &:= 3^1 + 9^3 + 15^0 + 46^0 &= 31 + 93 + 150 + 460 \\
 734 &:= 3^1 + 9^3 + 16^0 + 45^0 &= 31 + 93 + 160 + 450 \\
 734 &:= 3^1 + 9^3 + 17^0 + 44^0 &= 31 + 93 + 170 + 440 \\
 734 &:= 3^1 + 9^3 + 18^0 + 43^0 &= 31 + 93 + 180 + 430 \\
 734 &:= 3^1 + 9^3 + 19^0 + 42^0 &= 31 + 93 + 190 + 420 \\
 734 &:= 3^1 + 9^3 + 20^0 + 41^0 &= 31 + 93 + 200 + 410 \\
 734 &:= 3^1 + 9^3 + 21^0 + 40^0 &= 31 + 93 + 210 + 400 \\
 734 &:= 3^1 + 9^3 + 22^0 + 39^0 &= 31 + 93 + 220 + 390 \\
 734 &:= 3^1 + 9^3 + 23^0 + 38^0 &= 31 + 93 + 230 + 380 \\
 734 &:= 3^1 + 9^3 + 24^0 + 37^0 &= 31 + 93 + 240 + 370 \\
 734 &:= 3^1 + 9^3 + 25^0 + 36^0 &= 31 + 93 + 250 + 360
 \end{aligned}$$

$$\begin{aligned}
 734 &:= 3^1 + 9^3 + 26^0 + 35^0 &= 31 + 93 + 260 + 350 & 734 &:= 1^8 + 13^2 + 15^1 + 20^1 + 23^2 = 18 + 132 + 151 + 201 + 232 \\
 734 &:= 3^1 + 9^3 + 27^0 + 34^0 &= 31 + 93 + 270 + 340 & 734 &:= 1^8 + 13^2 + 16^1 + 19^1 + 23^2 = 18 + 132 + 161 + 191 + 232 \\
 734 &:= 3^1 + 9^3 + 28^0 + 33^0 &= 31 + 93 + 280 + 330 & 734 &:= 1^8 + 13^2 + 17^1 + 18^1 + 23^2 = 18 + 132 + 171 + 181 + 232 \\
 734 &:= 3^1 + 9^3 + 29^0 + 32^0 &= 31 + 93 + 290 + 320 & 734 &:= 1^8 + 4^2 + 14^1 + 26^2 + 27^1 = 18 + 42 + 141 + 262 + 271 \\
 734 &:= 3^1 + 9^3 + 30^0 + 31^0 &= 31 + 93 + 300 + 310 & 734 &:= 1^8 + 4^2 + 15^1 + 26^1 + 26^2 = 18 + 42 + 151 + 261 + 262 \\
 734 &:= 4^1 + 9^3 + 60^0 &= 41 + 93 + 600 & 734 &:= 1^8 + 4^2 + 16^1 + 25^1 + 26^2 = 18 + 42 + 161 + 251 + 262 \\
 734 &:= 1^1 + 2^1 + 16^0 + 27^0 + 27^2 &= 11 + 21 + 160 + 270 + 272 & 734 &:= 1^8 + 4^2 + 17^1 + 24^1 + 26^2 = 18 + 42 + 171 + 241 + 262 \\
 734 &:= 1^1 + 2^1 + 17^0 + 26^0 + 27^2 &= 11 + 21 + 170 + 260 + 272 & 734 &:= 1^8 + 4^2 + 18^1 + 23^1 + 26^2 = 18 + 42 + 181 + 231 + 262 \\
 734 &:= 1^1 + 2^1 + 18^0 + 25^0 + 27^2 &= 11 + 21 + 180 + 250 + 272 & 734 &:= 1^8 + 4^2 + 19^1 + 22^1 + 26^2 = 18 + 42 + 191 + 221 + 262 \\
 734 &:= 1^1 + 2^1 + 19^0 + 24^0 + 27^2 &= 11 + 21 + 190 + 240 + 272 & 734 &:= 1^8 + 4^2 + 20^1 + 21^1 + 26^2 = 18 + 42 + 201 + 211 + 262 \\
 734 &:= 1^1 + 2^1 + 20^0 + 23^0 + 27^2 &= 11 + 21 + 200 + 230 + 272 & 734 &:= 1^8 + 8^1 + 13^2 + 23^2 + 27^1 = 18 + 81 + 132 + 232 + 271 \\
 734 &:= 1^1 + 2^1 + 21^0 + 22^0 + 27^2 &= 11 + 21 + 210 + 220 + 272 & 734 &:= 1^8 + 8^3 + 14^2 + 24^1 + 25^0 = 18 + 83 + 142 + 241 + 250 \\
 734 &:= 1^4 + 2^6 + 17^1 + 25^2 + 27^1 &= 14 + 26 + 171 + 252 + 271 & 734 &:= 1^8 + 9^1 + 11^2 + 24^2 + 27^1 = 18 + 91 + 112 + 242 + 271 \\
 734 &:= 1^4 + 2^6 + 18^1 + 25^2 + 26^1 &= 14 + 26 + 181 + 252 + 261 & 734 &:= 1^8 + 9^1 + 13^2 + 23^2 + 26^1 = 18 + 91 + 132 + 232 + 261 \\
 734 &:= 1^4 + 2^6 + 19^1 + 25^1 + 25^2 &= 14 + 26 + 191 + 251 + 252 & 734 &:= 1^9 + 10^1 + 19^2 + 19^2 + 23^0 = 19 + 101 + 192 + 192 + 230 \\
 734 &:= 1^4 + 2^6 + 20^1 + 24^1 + 25^2 &= 14 + 26 + 201 + 241 + 252 & 734 &:= 1^9 + 11^0 + 15^2 + 22^2 + 23^1 = 19 + 110 + 152 + 222 + 231 \\
 734 &:= 1^4 + 2^6 + 21^1 + 23^1 + 25^2 &= 14 + 26 + 211 + 231 + 252 & 734 &:= 1^9 + 12^1 + 12^2 + 23^0 + 24^2 = 19 + 121 + 122 + 230 + 242 \\
 734 &:= 1^4 + 2^6 + 22^1 + 22^1 + 25^2 &= 14 + 26 + 221 + 221 + 252 & 734 &:= 1^9 + 6^2 + 19^0 + 20^1 + 26^2 = 19 + 62 + 190 + 201 + 262 \\
 734 &:= 1^6 + 2^5 + 19^0 + 24^1 + 26^2 &= 16 + 25 + 190 + 241 + 262 & 734 &:= 1^9 + 7^1 + 14^2 + 23^2 + 27^0 = 19 + 71 + 142 + 232 + 270 \\
 734 &:= 1^7 + 11^2 + 12^2 + 21^2 + 27^1 &= 17 + 112 + 122 + 212 + 271 & 734 &:= 1^9 + 8^1 + 18^2 + 20^2 + 25^0 = 19 + 81 + 182 + 202 + 250 \\
 734 &:= 1^7 + 11^2 + 15^2 + 19^2 + 26^1 &= 17 + 112 + 152 + 192 + 261 & 734 &:= 1^9 + 9^2 + 11^0 + 25^2 + 26^1 = 19 + 92 + 110 + 252 + 261 \\
 734 &:= 1^7 + 14^2 + 16^2 + 16^2 + 25^1 &= 17 + 142 + 162 + 162 + 251 & 734 &:= 2^1 + 8^0 + 9^3 + 27^0 + 27^0 = 21 + 80 + 93 + 270 + 270 \\
 734 &:= 1^7 + 3^4 + 17^0 + 25^2 + 26^1 &= 17 + 34 + 170 + 252 + 261 & 734 &:= 2^1 + 9^0 + 9^3 + 26^0 + 27^0 = 21 + 90 + 93 + 260 + 270 \\
 734 &:= 1^7 + 9^2 + 15^2 + 20^2 + 27^1 &= 17 + 92 + 152 + 202 + 271 & 734 &:= 2^1 + 9^3 + 10^0 + 25^0 + 27^0 = 21 + 93 + 100 + 250 + 270 \\
 734 &:= 1^8 + 10^1 + 11^2 + 24^2 + 26^1 &= 18 + 101 + 112 + 242 + 261 & 734 &:= 2^1 + 9^3 + 10^0 + 26^0 + 26^0 = 21 + 93 + 100 + 260 + 260 \\
 734 &:= 1^8 + 10^1 + 13^2 + 23^2 + 25^1 &= 18 + 101 + 132 + 232 + 251 & 734 &:= 2^1 + 9^3 + 11^0 + 24^0 + 27^0 = 21 + 93 + 110 + 240 + 270 \\
 734 &:= 1^8 + 11^1 + 11^2 + 24^2 + 25^1 &= 18 + 111 + 112 + 242 + 251 & 734 &:= 2^1 + 9^3 + 11^0 + 25^0 + 26^0 = 21 + 93 + 110 + 250 + 260 \\
 734 &:= 1^8 + 11^1 + 13^2 + 23^2 + 24^1 &= 18 + 111 + 132 + 232 + 241 & 734 &:= 2^1 + 9^3 + 12^0 + 23^0 + 27^0 = 21 + 93 + 120 + 230 + 270 \\
 734 &:= 1^8 + 11^2 + 12^1 + 24^1 + 24^2 &= 18 + 112 + 121 + 241 + 242 & 734 &:= 2^1 + 9^3 + 12^0 + 24^0 + 26^0 = 21 + 93 + 120 + 240 + 260 \\
 734 &:= 1^8 + 11^2 + 13^1 + 23^1 + 24^2 &= 18 + 112 + 131 + 231 + 242 & 734 &:= 2^1 + 9^3 + 12^0 + 25^0 + 25^0 = 21 + 93 + 120 + 250 + 250 \\
 734 &:= 1^8 + 11^2 + 14^1 + 22^1 + 24^2 &= 18 + 112 + 141 + 221 + 242 & 734 &:= 2^1 + 9^3 + 13^0 + 22^0 + 27^0 = 21 + 93 + 130 + 220 + 270 \\
 734 &:= 1^8 + 11^2 + 15^1 + 21^1 + 24^2 &= 18 + 112 + 151 + 211 + 242 & 734 &:= 2^1 + 9^3 + 13^0 + 23^0 + 26^0 = 21 + 93 + 130 + 230 + 260 \\
 734 &:= 1^8 + 11^2 + 16^1 + 20^1 + 24^2 &= 18 + 112 + 161 + 201 + 242 & 734 &:= 2^1 + 9^3 + 13^0 + 24^0 + 25^0 = 21 + 93 + 130 + 240 + 250 \\
 734 &:= 1^8 + 11^2 + 17^1 + 19^1 + 24^2 &= 18 + 112 + 171 + 191 + 242 & 734 &:= 2^1 + 9^3 + 14^0 + 21^0 + 27^0 = 21 + 93 + 140 + 210 + 270 \\
 734 &:= 1^8 + 11^2 + 18^1 + 18^1 + 24^2 &= 18 + 112 + 181 + 181 + 242 & 734 &:= 2^1 + 9^3 + 14^0 + 22^0 + 26^0 = 21 + 93 + 140 + 220 + 260 \\
 734 &:= 1^8 + 12^1 + 13^2 + 23^1 + 23^2 &= 18 + 121 + 132 + 231 + 232 & 734 &:= 2^1 + 9^3 + 14^0 + 23^0 + 25^0 = 21 + 93 + 140 + 230 + 250 \\
 734 &:= 1^8 + 13^1 + 13^2 + 22^1 + 23^2 &= 18 + 131 + 132 + 221 + 232 & 734 &:= 2^1 + 9^3 + 14^0 + 24^0 + 24^0 = 21 + 93 + 140 + 240 + 240 \\
 734 &:= 1^8 + 13^2 + 14^1 + 21^1 + 23^2 &= 18 + 132 + 141 + 211 + 232 & 734 &:= 2^1 + 9^3 + 15^0 + 20^0 + 27^0 = 21 + 93 + 150 + 200 + 270
 \end{aligned}$$

$$\begin{aligned}
 734 &:= 2^1 + 9^3 + 15^0 + 21^0 + 26^0 = 21 + 93 + 150 + 210 + 260 \\
 734 &:= 2^1 + 9^3 + 15^0 + 22^0 + 25^0 = 21 + 93 + 150 + 220 + 250 \\
 734 &:= 2^1 + 9^3 + 15^0 + 23^0 + 24^0 = 21 + 93 + 150 + 230 + 240 \\
 734 &:= 2^1 + 9^3 + 16^0 + 19^0 + 27^0 = 21 + 93 + 160 + 190 + 270 \\
 734 &:= 2^1 + 9^3 + 16^0 + 20^0 + 26^0 = 21 + 93 + 160 + 200 + 260 \\
 734 &:= 2^1 + 9^3 + 16^0 + 21^0 + 25^0 = 21 + 93 + 160 + 210 + 250 \\
 734 &:= 2^1 + 9^3 + 16^0 + 22^0 + 24^0 = 21 + 93 + 160 + 220 + 240 \\
 734 &:= 2^1 + 9^3 + 16^0 + 23^0 + 23^0 = 21 + 93 + 160 + 230 + 230 \\
 734 &:= 2^1 + 9^3 + 17^0 + 18^0 + 27^0 = 21 + 93 + 170 + 180 + 270 \\
 734 &:= 2^1 + 9^3 + 17^0 + 19^0 + 26^0 = 21 + 93 + 170 + 190 + 260 \\
 734 &:= 2^1 + 9^3 + 17^0 + 20^0 + 25^0 = 21 + 93 + 170 + 200 + 250 \\
 734 &:= 2^1 + 9^3 + 17^0 + 21^0 + 24^0 = 21 + 93 + 170 + 210 + 240 \\
 734 &:= 2^1 + 9^3 + 17^0 + 22^0 + 23^0 = 21 + 93 + 170 + 220 + 230 \\
 734 &:= 2^1 + 9^3 + 18^0 + 18^0 + 26^0 = 21 + 93 + 180 + 180 + 260 \\
 734 &:= 2^1 + 9^3 + 18^0 + 19^0 + 25^0 = 21 + 93 + 180 + 190 + 250 \\
 734 &:= 2^1 + 9^3 + 18^0 + 20^0 + 24^0 = 21 + 93 + 180 + 200 + 240 \\
 734 &:= 2^1 + 9^3 + 18^0 + 21^0 + 23^0 = 21 + 93 + 180 + 210 + 230
 \end{aligned}$$

$$\begin{aligned}
 734 &:= 2^1 + 9^3 + 18^0 + 22^0 + 22^0 = 21 + 93 + 180 + 220 + 220 \\
 734 &:= 2^1 + 9^3 + 19^0 + 19^0 + 24^0 = 21 + 93 + 190 + 190 + 240 \\
 734 &:= 2^1 + 9^3 + 19^0 + 20^0 + 23^0 = 21 + 93 + 190 + 200 + 230 \\
 734 &:= 2^1 + 9^3 + 19^0 + 21^0 + 22^0 = 21 + 93 + 190 + 210 + 220 \\
 734 &:= 2^1 + 9^3 + 20^0 + 20^0 + 22^0 = 21 + 93 + 200 + 200 + 220 \\
 734 &:= 2^1 + 9^3 + 20^0 + 21^0 + 21^0 = 21 + 93 + 200 + 210 + 210 \\
 734 &:= 2^6 + 3^5 + 20^2 + 21^0 + 26^1 = 26 + 35 + 202 + 210 + 261 \\
 734 &:= 2^7 + 3^5 + 19^2 + 21^0 + 27^0 = 27 + 35 + 192 + 210 + 270 \\
 734 &:= 2^7 + 3^5 + 19^2 + 22^0 + 26^0 = 27 + 35 + 192 + 220 + 260 \\
 734 &:= 2^7 + 3^5 + 19^2 + 23^0 + 25^0 = 27 + 35 + 192 + 230 + 250 \\
 734 &:= 2^7 + 3^5 + 19^2 + 24^0 + 24^0 = 27 + 35 + 192 + 240 + 240 \\
 734 &:= 2^7 + 4^4 + 18^2 + 23^0 + 25^1 = 27 + 44 + 182 + 230 + 251 \\
 734 &:= 2^9 + 5^2 + 13^2 + 25^0 + 27^1 = 29 + 52 + 132 + 250 + 271 \\
 734 &:= 3^5 + 3^5 + 14^2 + 25^1 + 27^1 = 35 + 35 + 142 + 251 + 271 \\
 734 &:= 3^5 + 3^5 + 14^2 + 26^1 + 26^1 = 35 + 35 + 142 + 261 + 261
 \end{aligned}$$

2.2.636 Number 735

$$\begin{aligned}
 735 &:= 11^2 + 24^2 + 38^1 = 112 + 242 + 381 \\
 735 &:= 13^2 + 23^2 + 37^1 = 132 + 232 + 371 \\
 735 &:= 4^2 + 26^2 + 43^1 = 42 + 262 + 431 \\
 735 &:= 1^0 + 11^2 + 24^2 + 37^1 = 10 + 112 + 242 + 371 \\
 735 &:= 1^0 + 13^2 + 23^2 + 36^1 = 10 + 132 + 232 + 361 \\
 735 &:= 1^0 + 2^2 + 9^3 + 61^0 = 10 + 22 + 93 + 610 \\
 735 &:= 1^0 + 4^2 + 26^2 + 42^1 = 10 + 42 + 262 + 421 \\
 735 &:= 1^1 + 2^2 + 27^2 + 43^0 = 11 + 22 + 272 + 430 \\
 735 &:= 1^1 + 4^1 + 9^3 + 59^0 = 11 + 41 + 93 + 590 \\
 735 &:= 1^2 + 4^1 + 27^2 + 41^0 = 12 + 41 + 272 + 410 \\
 735 &:= 1^7 + 2^2 + 3^6 + 66^0 = 17 + 22 + 36 + 660 \\
 735 &:= 1^8 + 3^6 + 4^1 + 64^0 = 18 + 36 + 41 + 640 \\
 735 &:= 10^1 + 18^2 + 20^2 + 25^0 = 101 + 182 + 202 + 250 \\
 735 &:= 11^0 + 15^2 + 22^2 + 25^1 = 110 + 152 + 222 + 251 \\
 735 &:= 12^1 + 19^2 + 19^2 + 23^0 = 121 + 192 + 192 + 230 \\
 735 &:= 12^2 + 14^1 + 23^0 + 24^2 = 122 + 141 + 230 + 242 \\
 735 &:= 2^0 + 2^2 + 9^3 + 60^0 = 20 + 22 + 93 + 600 \\
 735 &:= 2^1 + 3^1 + 9^3 + 59^0 = 21 + 31 + 93 + 590 \\
 735 &:= 2^2 + 3^0 + 9^3 + 59^0 = 22 + 30 + 93 + 590
 \end{aligned}$$

$$\begin{aligned}
 735 &:= 2^2 + 4^0 + 9^3 + 58^0 = 22 + 40 + 93 + 580 \\
 735 &:= 2^2 + 5^0 + 9^3 + 57^0 = 22 + 50 + 93 + 570 \\
 735 &:= 2^2 + 6^0 + 9^3 + 56^0 = 22 + 60 + 93 + 560 \\
 735 &:= 2^2 + 7^0 + 9^3 + 55^0 = 22 + 70 + 93 + 550 \\
 735 &:= 2^2 + 8^0 + 9^3 + 54^0 = 22 + 80 + 93 + 540 \\
 735 &:= 2^2 + 9^0 + 9^3 + 53^0 = 22 + 90 + 93 + 530 \\
 735 &:= 2^2 + 9^3 + 10^0 + 52^0 = 22 + 93 + 100 + 520 \\
 735 &:= 2^2 + 9^3 + 11^0 + 51^0 = 22 + 93 + 110 + 510 \\
 735 &:= 2^2 + 9^3 + 12^0 + 50^0 = 22 + 93 + 120 + 500 \\
 735 &:= 2^2 + 9^3 + 13^0 + 49^0 = 22 + 93 + 130 + 490 \\
 735 &:= 2^2 + 9^3 + 14^0 + 48^0 = 22 + 93 + 140 + 480 \\
 735 &:= 2^2 + 9^3 + 15^0 + 47^0 = 22 + 93 + 150 + 470 \\
 735 &:= 2^2 + 9^3 + 16^0 + 46^0 = 22 + 93 + 160 + 460 \\
 735 &:= 2^2 + 9^3 + 17^0 + 45^0 = 22 + 93 + 170 + 450 \\
 735 &:= 2^2 + 9^3 + 18^0 + 44^0 = 22 + 93 + 180 + 440 \\
 735 &:= 2^2 + 9^3 + 19^0 + 43^0 = 22 + 93 + 190 + 430 \\
 735 &:= 2^2 + 9^3 + 20^0 + 42^0 = 22 + 93 + 200 + 420 \\
 735 &:= 2^2 + 9^3 + 21^0 + 41^0 = 22 + 93 + 210 + 410 \\
 735 &:= 2^2 + 9^3 + 22^0 + 40^0 = 22 + 93 + 220 + 400
 \end{aligned}$$

$$\begin{array}{lll}
 735 := 2^2 + 9^3 + 23^0 + 39^0 & = 22 + 93 + 230 + 390 & 735 := 12^0 + 12^0 + 12^2 + 13^1 + 24^2 = 120 + 120 + 122 + 131 + 242 \\
 735 := 2^2 + 9^3 + 24^0 + 38^0 & = 22 + 93 + 240 + 380 & 735 := 2^0 + 10^0 + 15^2 + 22^2 + 24^1 = 20 + 100 + 152 + 222 + 241 \\
 735 := 2^2 + 9^3 + 25^0 + 37^0 & = 22 + 93 + 250 + 370 & 735 := 2^0 + 11^1 + 19^2 + 19^2 + 22^0 = 20 + 111 + 192 + 192 + 220 \\
 735 := 2^2 + 9^3 + 26^0 + 36^0 & = 22 + 93 + 260 + 360 & 735 := 2^0 + 12^2 + 13^1 + 22^0 + 24^2 = 20 + 122 + 131 + 220 + 242 \\
 735 := 2^2 + 9^3 + 27^0 + 35^0 & = 22 + 93 + 270 + 350 & 735 := 2^0 + 6^2 + 18^0 + 21^1 + 26^2 = 20 + 62 + 180 + 211 + 262 \\
 735 := 2^2 + 9^3 + 28^0 + 34^0 & = 22 + 93 + 280 + 340 & 735 := 2^0 + 8^1 + 14^2 + 23^2 + 26^0 = 20 + 81 + 142 + 232 + 260 \\
 735 := 2^2 + 9^3 + 29^0 + 33^0 & = 22 + 93 + 290 + 330 & 735 := 2^0 + 9^1 + 18^2 + 20^2 + 24^0 = 20 + 91 + 182 + 202 + 240 \\
 735 := 2^2 + 9^3 + 30^0 + 32^0 & = 22 + 93 + 300 + 320 & 735 := 2^0 + 9^2 + 10^0 + 25^2 + 27^1 = 20 + 92 + 100 + 252 + 271 \\
 735 := 2^2 + 9^3 + 31^0 + 31^0 & = 22 + 93 + 310 + 310 & 735 := 2^4 + 2^8 + 21^1 + 21^2 + 26^0 = 24 + 28 + 211 + 212 + 260 \\
 735 := 4^1 + 17^2 + 21^2 + 31^0 & = 41 + 172 + 212 + 310 & 735 := 2^8 + 4^4 + 14^2 + 26^0 + 26^1 = 28 + 44 + 142 + 260 + 261 \\
 735 := 5^2 + 9^0 + 26^2 + 33^1 & = 52 + 90 + 262 + 331 & 735 := 3^0 + 11^1 + 19^2 + 19^2 + 21^0 = 30 + 111 + 192 + 192 + 210 \\
 735 := 6^2 + 19^0 + 22^1 + 26^2 & = 62 + 190 + 221 + 262 & 735 := 3^0 + 12^2 + 13^1 + 21^0 + 24^2 = 30 + 122 + 131 + 210 + 242 \\
 735 := 7^2 + 9^1 + 26^2 + 31^0 & = 72 + 91 + 262 + 310 & 735 := 3^0 + 6^2 + 17^0 + 21^1 + 26^2 = 30 + 62 + 170 + 211 + 262 \\
 735 := 9^1 + 10^2 + 25^2 + 29^0 & = 91 + 102 + 252 + 290 & 735 := 3^0 + 8^1 + 10^2 + 25^2 + 27^0 = 30 + 81 + 102 + 252 + 270 \\
 735 := 9^1 + 14^2 + 23^2 + 27^0 & = 91 + 142 + 232 + 270 & 735 := 3^0 + 8^1 + 14^2 + 23^2 + 25^0 = 30 + 81 + 142 + 232 + 250 \\
 735 := 9^2 + 11^0 + 25^2 + 28^1 & = 92 + 110 + 252 + 281 & 735 := 3^0 + 9^0 + 15^2 + 22^2 + 24^1 = 30 + 90 + 152 + 222 + 241 \\
 735 := 1^0 + 11^0 + 15^2 + 22^2 + 24^1 & = 10 + 110 + 152 + 222 + 241 & 735 := 3^0 + 9^0 + 9^2 + 25^2 + 27^1 = 30 + 90 + 92 + 252 + 271 \\
 735 := 1^0 + 11^1 + 19^2 + 19^2 + 23^0 & = 10 + 111 + 192 + 192 + 230 & 735 := 3^0 + 9^1 + 18^2 + 20^2 + 23^0 = 30 + 91 + 182 + 202 + 230 \\
 735 := 1^0 + 12^2 + 13^1 + 23^0 + 24^2 & = 10 + 122 + 131 + 230 + 242 & 735 := 3^1 + 10^0 + 17^2 + 21^2 + 22^0 = 31 + 100 + 172 + 212 + 220 \\
 735 := 1^0 + 6^2 + 19^0 + 21^1 + 26^2 & = 10 + 62 + 190 + 211 + 262 & 735 := 3^1 + 11^0 + 17^2 + 21^0 + 21^2 = 31 + 110 + 172 + 210 + 212 \\
 735 := 1^0 + 8^1 + 14^2 + 23^2 + 27^0 & = 10 + 81 + 142 + 232 + 270 & 735 := 3^1 + 12^0 + 17^2 + 20^0 + 21^2 = 31 + 120 + 172 + 200 + 212 \\
 735 := 1^0 + 9^1 + 18^2 + 20^2 + 25^0 & = 10 + 91 + 182 + 202 + 250 & 735 := 3^1 + 13^0 + 17^2 + 19^0 + 21^2 = 31 + 130 + 172 + 190 + 212 \\
 735 := 1^0 + 9^2 + 11^0 + 25^2 + 27^1 & = 10 + 92 + 110 + 252 + 271 & 735 := 3^1 + 14^0 + 17^2 + 18^0 + 21^2 = 31 + 140 + 172 + 180 + 212 \\
 735 := 1^2 + 3^1 + 15^0 + 27^0 + 27^2 & = 12 + 31 + 150 + 270 + 272 & 735 := 3^1 + 15^0 + 17^0 + 17^2 + 21^2 = 31 + 150 + 170 + 172 + 212 \\
 735 := 1^2 + 3^1 + 16^0 + 26^0 + 27^2 & = 12 + 31 + 160 + 260 + 272 & 735 := 3^1 + 16^0 + 16^0 + 17^2 + 21^2 = 31 + 160 + 160 + 172 + 212 \\
 735 := 1^2 + 3^1 + 17^0 + 25^0 + 27^2 & = 12 + 31 + 170 + 250 + 272 & 735 := 3^1 + 5^0 + 17^2 + 21^2 + 27^0 = 31 + 50 + 172 + 212 + 270 \\
 735 := 1^2 + 3^1 + 18^0 + 24^0 + 27^2 & = 12 + 31 + 180 + 240 + 272 & 735 := 3^1 + 6^0 + 17^2 + 21^2 + 26^0 = 31 + 60 + 172 + 212 + 260 \\
 735 := 1^2 + 3^1 + 19^0 + 23^0 + 27^2 & = 12 + 31 + 190 + 230 + 272 & 735 := 3^1 + 7^0 + 17^2 + 21^2 + 25^0 = 31 + 70 + 172 + 212 + 250 \\
 735 := 1^2 + 3^1 + 20^0 + 22^0 + 27^2 & = 12 + 31 + 200 + 220 + 272 & 735 := 3^1 + 8^0 + 17^2 + 21^2 + 24^0 = 31 + 80 + 172 + 212 + 240 \\
 735 := 1^2 + 3^1 + 21^0 + 21^0 + 27^2 & = 12 + 31 + 210 + 210 + 272 & 735 := 3^1 + 9^0 + 17^2 + 21^2 + 23^0 = 31 + 90 + 172 + 212 + 230 \\
 735 := 1^7 + 2^5 + 18^0 + 25^1 + 26^2 & = 17 + 25 + 180 + 251 + 262 & 735 := 4^0 + 11^1 + 19^2 + 19^2 + 20^0 = 40 + 111 + 192 + 192 + 200 \\
 735 := 1^8 + 3^4 + 16^0 + 25^2 + 27^1 & = 18 + 34 + 160 + 252 + 271 & 735 := 4^0 + 12^2 + 13^1 + 20^0 + 24^2 = 40 + 122 + 131 + 200 + 242 \\
 735 := 1^9 + 8^3 + 14^2 + 24^0 + 25^1 & = 19 + 83 + 142 + 240 + 251 & 735 := 4^0 + 6^2 + 16^0 + 21^1 + 26^2 = 40 + 62 + 160 + 211 + 262 \\
 735 := 10^0 + 11^1 + 14^0 + 19^2 + 19^2 & = 100 + 111 + 140 + 192 + 192 & 735 := 4^0 + 8^0 + 15^2 + 22^2 + 24^1 = 40 + 80 + 152 + 222 + 241 \\
 735 := 10^0 + 12^2 + 13^1 + 14^0 + 24^2 & = 100 + 122 + 131 + 140 + 242 & 735 := 4^0 + 8^0 + 9^2 + 25^2 + 27^1 = 40 + 80 + 92 + 252 + 271 \\
 735 := 11^0 + 11^1 + 13^0 + 19^2 + 19^2 & = 110 + 111 + 130 + 192 + 192 & 735 := 4^0 + 8^1 + 10^2 + 25^2 + 26^0 = 40 + 81 + 102 + 252 + 260 \\
 735 := 11^0 + 12^2 + 13^0 + 13^1 + 24^2 & = 110 + 122 + 130 + 131 + 242 & 735 := 4^0 + 8^1 + 14^2 + 23^2 + 24^0 = 40 + 81 + 142 + 232 + 240 \\
 735 := 11^1 + 12^0 + 12^0 + 19^2 + 19^2 & = 111 + 120 + 120 + 192 + 192 & 735 := 4^0 + 9^1 + 18^2 + 20^2 + 22^0 = 40 + 91 + 182 + 202 + 220
 \end{array}$$

$735 := 5^0 + 11^1 + 19^0 + 19^2 + 19^2 = 50 + 111 + 190 + 192 + 192$	$735 := 7^2 + 8^1 + 13^0 + 19^0 + 26^2 = 72 + 81 + 130 + 190 + 262$
$735 := 5^0 + 12^2 + 13^1 + 19^0 + 24^2 = 50 + 122 + 131 + 190 + 242$	$735 := 7^2 + 8^1 + 14^0 + 18^0 + 26^2 = 72 + 81 + 140 + 180 + 262$
$735 := 5^0 + 6^2 + 15^0 + 21^1 + 26^2 = 50 + 62 + 150 + 211 + 262$	$735 := 7^2 + 8^1 + 15^0 + 17^0 + 26^2 = 72 + 81 + 150 + 170 + 262$
$735 := 5^0 + 7^0 + 15^2 + 22^2 + 24^1 = 50 + 70 + 152 + 222 + 241$	$735 := 7^2 + 8^1 + 16^0 + 16^0 + 26^2 = 72 + 81 + 160 + 160 + 262$
$735 := 5^0 + 7^0 + 9^2 + 25^2 + 27^1 = 50 + 70 + 92 + 252 + 271$	$735 := 7^2 + 8^1 + 9^0 + 23^0 + 26^2 = 72 + 81 + 90 + 230 + 262$
$735 := 5^0 + 7^2 + 8^1 + 26^2 + 27^0 = 50 + 72 + 81 + 262 + 270$	$735 := 8^0 + 11^1 + 16^0 + 19^2 + 19^2 = 80 + 111 + 160 + 192 + 192$
$735 := 5^0 + 8^1 + 10^2 + 25^0 + 25^2 = 50 + 81 + 102 + 250 + 252$	$735 := 8^0 + 12^2 + 13^1 + 16^0 + 24^2 = 80 + 122 + 131 + 160 + 242$
$735 := 5^0 + 8^1 + 14^2 + 23^0 + 23^2 = 50 + 81 + 142 + 230 + 232$	$735 := 8^0 + 8^1 + 10^2 + 22^0 + 25^2 = 80 + 81 + 102 + 220 + 252$
$735 := 5^0 + 9^1 + 18^2 + 20^2 + 21^0 = 50 + 91 + 182 + 202 + 210$	$735 := 8^0 + 8^1 + 14^2 + 20^0 + 23^2 = 80 + 81 + 142 + 200 + 232$
$735 := 6^0 + 11^1 + 18^0 + 19^2 + 19^2 = 60 + 111 + 180 + 192 + 192$	$735 := 8^0 + 9^1 + 18^0 + 18^2 + 20^2 = 80 + 91 + 180 + 182 + 202$
$735 := 6^0 + 12^2 + 13^1 + 18^0 + 24^2 = 60 + 122 + 131 + 180 + 242$	$735 := 8^1 + 10^0 + 10^2 + 20^0 + 25^2 = 81 + 100 + 102 + 200 + 252$
$735 := 6^0 + 6^0 + 15^2 + 22^2 + 24^1 = 60 + 60 + 152 + 222 + 241$	$735 := 8^1 + 10^0 + 14^2 + 18^0 + 23^2 = 81 + 100 + 142 + 180 + 232$
$735 := 6^0 + 6^0 + 9^2 + 25^2 + 27^1 = 60 + 60 + 92 + 252 + 271$	$735 := 8^1 + 10^2 + 11^0 + 19^0 + 25^2 = 81 + 102 + 110 + 190 + 252$
$735 := 6^0 + 6^2 + 14^0 + 21^1 + 26^2 = 60 + 62 + 140 + 211 + 262$	$735 := 8^1 + 10^2 + 12^0 + 18^0 + 25^2 = 81 + 102 + 120 + 180 + 252$
$735 := 6^0 + 7^2 + 8^1 + 26^0 + 26^2 = 60 + 72 + 81 + 260 + 262$	$735 := 8^1 + 10^2 + 13^0 + 17^0 + 25^2 = 81 + 102 + 130 + 170 + 252$
$735 := 6^0 + 8^1 + 10^2 + 24^0 + 25^2 = 60 + 81 + 102 + 240 + 252$	$735 := 8^1 + 10^2 + 14^0 + 16^0 + 25^2 = 81 + 102 + 140 + 160 + 252$
$735 := 6^0 + 8^1 + 14^2 + 22^0 + 23^2 = 60 + 81 + 142 + 220 + 232$	$735 := 8^1 + 10^2 + 15^0 + 15^0 + 25^2 = 81 + 102 + 150 + 150 + 252$
$735 := 6^0 + 9^1 + 18^2 + 20^0 + 20^2 = 60 + 91 + 182 + 200 + 202$	$735 := 8^1 + 11^0 + 14^2 + 17^0 + 23^2 = 81 + 110 + 142 + 170 + 232$
$735 := 6^2 + 10^0 + 10^0 + 21^1 + 26^2 = 62 + 100 + 100 + 211 + 262$	$735 := 8^1 + 12^0 + 14^2 + 16^0 + 23^2 = 81 + 120 + 142 + 160 + 232$
$735 := 6^2 + 7^0 + 13^0 + 21^1 + 26^2 = 62 + 70 + 130 + 211 + 262$	$735 := 8^1 + 13^0 + 14^2 + 15^0 + 23^2 = 81 + 130 + 142 + 150 + 232$
$735 := 6^2 + 8^0 + 12^0 + 21^1 + 26^2 = 62 + 80 + 120 + 211 + 262$	$735 := 8^1 + 14^0 + 14^0 + 14^2 + 23^2 = 81 + 140 + 140 + 142 + 232$
$735 := 6^2 + 9^0 + 11^0 + 21^1 + 26^2 = 62 + 90 + 110 + 211 + 262$	$735 := 8^1 + 9^0 + 10^2 + 21^0 + 25^2 = 81 + 90 + 102 + 210 + 252$
$735 := 7^0 + 11^1 + 17^0 + 19^2 + 19^2 = 70 + 111 + 170 + 192 + 192$	$735 := 8^1 + 9^0 + 14^2 + 19^0 + 23^2 = 81 + 90 + 142 + 190 + 232$
$735 := 7^0 + 12^2 + 13^1 + 17^0 + 24^2 = 70 + 122 + 131 + 170 + 242$	$735 := 9^0 + 11^1 + 15^0 + 19^2 + 19^2 = 90 + 111 + 150 + 192 + 192$
$735 := 7^0 + 7^2 + 8^1 + 25^0 + 26^2 = 70 + 72 + 81 + 250 + 262$	$735 := 9^0 + 12^2 + 13^1 + 15^0 + 24^2 = 90 + 122 + 131 + 150 + 242$
$735 := 7^0 + 8^1 + 10^2 + 23^0 + 25^2 = 70 + 81 + 102 + 230 + 252$	$735 := 9^0 + 9^1 + 17^0 + 18^2 + 20^2 = 90 + 91 + 170 + 182 + 202$
$735 := 7^0 + 8^1 + 14^2 + 21^0 + 23^2 = 70 + 81 + 142 + 210 + 232$	$735 := 9^1 + 10^0 + 16^0 + 18^2 + 20^2 = 91 + 100 + 160 + 182 + 202$
$735 := 7^0 + 9^1 + 18^2 + 19^0 + 20^2 = 70 + 91 + 182 + 190 + 202$	$735 := 9^1 + 11^0 + 15^0 + 18^2 + 20^2 = 91 + 110 + 150 + 182 + 202$
$735 := 7^2 + 8^0 + 8^1 + 24^0 + 26^2 = 72 + 80 + 81 + 240 + 262$	$735 := 9^1 + 12^0 + 14^0 + 18^2 + 20^2 = 91 + 120 + 140 + 182 + 202$
$735 := 7^2 + 8^1 + 10^0 + 22^0 + 26^2 = 72 + 81 + 100 + 220 + 262$	$735 := 9^1 + 13^0 + 13^0 + 18^2 + 20^2 = 91 + 130 + 130 + 182 + 202$
$735 := 7^2 + 8^1 + 11^0 + 21^0 + 26^2 = 72 + 81 + 110 + 210 + 262$	
$735 := 7^2 + 8^1 + 12^0 + 20^0 + 26^2 = 72 + 81 + 120 + 200 + 262$	

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$736 := 1^2 + 5^1 + 9^3 + 58^0 = 12 + 51 + 93 + 580$	$736 := 2^1 + 2^2 + 9^3 + 60^0 = 21 + 22 + 93 + 600$
$736 := 1^3 + 5^1 + 27^2 + 40^0 = 13 + 51 + 272 + 400$	$736 := 2^5 + 2^8 + 20^2 + 48^1 = 25 + 28 + 202 + 481$
$736 := 1^9 + 2^4 + 26^2 + 43^1 = 19 + 24 + 262 + 431$	$736 := 3^3 + 12^0 + 26^2 + 32^1 = 33 + 120 + 262 + 321$
$736 := 1^9 + 3^6 + 5^1 + 63^0 = 19 + 36 + 51 + 630$	$736 := 5^3 + 10^0 + 24^2 + 34^1 = 53 + 100 + 242 + 341$

$$\begin{aligned} 736 &:= 6^3 + 10^0 + 22^2 + 35^1 = 63 + 100 + 222 + 351 & 736 &:= 11^2 + 12^0 + 15^0 + 17^2 + 18^2 = 112 + 120 + 150 + 172 + 182 \\ 736 &:= 7^3 + 16^0 + 19^2 + 31^1 = 73 + 160 + 192 + 311 & 736 &:= 11^2 + 13^0 + 14^0 + 17^2 + 18^2 = 112 + 130 + 140 + 172 + 182 \\ 736 &:= 8^3 + 14^2 + 24^0 + 27^1 = 83 + 142 + 240 + 271 & 736 &:= 2^0 + 11^2 + 17^2 + 18^2 + 25^0 = 20 + 112 + 172 + 182 + 250 \\ 736 &:= 1^0 + 11^2 + 17^2 + 18^2 + 26^0 = 10 + 112 + 172 + 182 + 260 & 736 &:= 2^0 + 7^2 + 18^2 + 19^2 + 27^0 = 20 + 72 + 182 + 192 + 270 \\ 736 &:= 1^0 + 8^3 + 14^2 + 24^0 + 26^1 = 10 + 83 + 142 + 240 + 261 & 736 &:= 2^0 + 8^3 + 14^2 + 23^0 + 26^1 = 20 + 83 + 142 + 230 + 261 \\ 736 &:= 1^1 + 10^0 + 15^2 + 22^2 + 25^1 = 11 + 100 + 152 + 222 + 251 & 736 &:= 2^0 + 9^2 + 13^2 + 22^2 + 27^0 = 20 + 92 + 132 + 222 + 270 \\ 736 &:= 1^1 + 10^1 + 18^2 + 20^2 + 24^0 = 11 + 101 + 182 + 202 + 240 & 736 &:= 2^1 + 10^0 + 15^2 + 22^2 + 24^1 = 21 + 100 + 152 + 222 + 241 \\ 736 &:= 1^1 + 12^1 + 19^2 + 19^2 + 22^0 = 11 + 121 + 192 + 192 + 220 & 736 &:= 2^1 + 11^1 + 19^2 + 19^2 + 22^0 = 21 + 111 + 192 + 192 + 220 \\ 736 &:= 1^1 + 12^2 + 14^1 + 22^0 + 24^2 = 11 + 122 + 141 + 220 + 242 & 736 &:= 2^1 + 12^2 + 13^1 + 22^0 + 24^2 = 21 + 122 + 131 + 220 + 242 \\ 736 &:= 1^1 + 6^2 + 18^0 + 22^1 + 26^2 = 11 + 62 + 180 + 221 + 262 & 736 &:= 2^1 + 6^2 + 18^0 + 21^1 + 26^2 = 21 + 62 + 180 + 211 + 262 \\ 736 &:= 1^1 + 9^1 + 14^2 + 23^2 + 26^0 = 11 + 91 + 142 + 232 + 260 & 736 &:= 2^1 + 8^1 + 14^2 + 23^2 + 26^0 = 21 + 81 + 142 + 232 + 260 \\ 736 &:= 1^2 + 2^2 + 16^0 + 27^0 + 27^2 = 12 + 22 + 160 + 270 + 272 & 736 &:= 2^1 + 9^1 + 18^2 + 20^2 + 24^0 = 21 + 91 + 182 + 202 + 240 \\ 736 &:= 1^2 + 2^2 + 17^0 + 26^0 + 27^2 = 12 + 22 + 170 + 260 + 272 & 736 &:= 2^1 + 9^2 + 10^0 + 25^2 + 27^1 = 21 + 92 + 100 + 252 + 271 \\ 736 &:= 1^2 + 2^2 + 18^0 + 25^0 + 27^2 = 12 + 22 + 180 + 250 + 272 & 736 &:= 2^2 + 10^0 + 17^2 + 21^2 + 23^0 = 22 + 100 + 172 + 212 + 230 \\ 736 &:= 1^2 + 2^2 + 19^0 + 24^0 + 27^2 = 12 + 22 + 190 + 240 + 272 & 736 &:= 2^2 + 11^0 + 17^2 + 21^2 + 22^0 = 22 + 110 + 172 + 212 + 220 \\ 736 &:= 1^2 + 2^2 + 20^0 + 23^0 + 27^2 = 12 + 22 + 200 + 230 + 272 & 736 &:= 2^2 + 12^0 + 17^2 + 21^0 + 21^2 = 22 + 120 + 172 + 210 + 212 \\ 736 &:= 1^2 + 2^2 + 21^0 + 22^0 + 27^2 = 12 + 22 + 210 + 220 + 272 & 736 &:= 2^2 + 13^0 + 17^2 + 20^0 + 21^2 = 22 + 130 + 172 + 200 + 212 \\ 736 &:= 1^3 + 4^1 + 14^0 + 27^0 + 27^2 = 13 + 41 + 140 + 270 + 272 & 736 &:= 2^2 + 14^0 + 17^2 + 19^0 + 21^2 = 22 + 140 + 172 + 190 + 212 \\ 736 &:= 1^3 + 4^1 + 15^0 + 26^0 + 27^2 = 13 + 41 + 150 + 260 + 272 & 736 &:= 2^2 + 15^0 + 17^2 + 18^0 + 21^2 = 22 + 150 + 172 + 180 + 212 \\ 736 &:= 1^3 + 4^1 + 16^0 + 25^0 + 27^2 = 13 + 41 + 160 + 250 + 272 & 736 &:= 2^2 + 16^0 + 17^0 + 17^2 + 21^2 = 22 + 160 + 170 + 172 + 212 \\ 736 &:= 1^3 + 4^1 + 17^0 + 24^0 + 27^2 = 13 + 41 + 170 + 240 + 272 & 736 &:= 2^2 + 6^0 + 17^2 + 21^2 + 27^0 = 22 + 60 + 172 + 212 + 270 \\ 736 &:= 1^3 + 4^1 + 18^0 + 23^0 + 27^2 = 13 + 41 + 180 + 230 + 272 & 736 &:= 2^2 + 7^0 + 17^2 + 21^2 + 26^0 = 22 + 70 + 172 + 212 + 260 \\ 736 &:= 1^3 + 4^1 + 19^0 + 22^0 + 27^2 = 13 + 41 + 190 + 220 + 272 & 736 &:= 2^2 + 8^0 + 17^2 + 21^2 + 25^0 = 22 + 80 + 172 + 212 + 250 \\ 736 &:= 1^3 + 4^1 + 20^0 + 21^0 + 27^2 = 13 + 41 + 200 + 210 + 272 & 736 &:= 2^2 + 9^0 + 17^2 + 21^2 + 24^0 = 22 + 90 + 172 + 212 + 240 \\ 736 &:= 1^8 + 2^4 + 16^1 + 26^2 + 27^1 = 18 + 24 + 161 + 262 + 271 & 736 &:= 3^0 + 11^2 + 17^2 + 18^2 + 24^0 = 30 + 112 + 172 + 182 + 240 \\ 736 &:= 1^8 + 2^4 + 17^1 + 26^1 + 26^2 = 18 + 24 + 171 + 261 + 262 & 736 &:= 3^0 + 7^2 + 18^2 + 19^2 + 26^0 = 30 + 72 + 182 + 192 + 260 \\ 736 &:= 1^8 + 2^4 + 18^1 + 25^1 + 26^2 = 18 + 24 + 181 + 251 + 262 & 736 &:= 3^0 + 8^3 + 14^2 + 22^0 + 26^1 = 30 + 83 + 142 + 220 + 261 \\ 736 &:= 1^8 + 2^4 + 19^1 + 24^1 + 26^2 = 18 + 24 + 191 + 241 + 262 & 736 &:= 3^0 + 9^2 + 13^2 + 22^2 + 26^0 = 30 + 92 + 132 + 222 + 260 \\ 736 &:= 1^8 + 2^4 + 20^1 + 23^1 + 26^2 = 18 + 24 + 201 + 231 + 262 & 736 &:= 3^1 + 10^0 + 15^2 + 22^2 + 23^1 = 31 + 100 + 152 + 222 + 231 \\ 736 &:= 1^8 + 2^4 + 21^1 + 22^1 + 26^2 = 18 + 24 + 211 + 221 + 262 & 736 &:= 3^1 + 10^1 + 19^2 + 19^2 + 22^0 = 31 + 101 + 192 + 192 + 220 \\ 736 &:= 1^8 + 2^5 + 17^0 + 26^1 + 26^2 = 18 + 25 + 170 + 261 + 262 & 736 &:= 3^1 + 12^1 + 12^2 + 22^0 + 24^2 = 31 + 121 + 122 + 220 + 242 \\ 736 &:= 1^9 + 14^2 + 15^2 + 17^2 + 25^1 = 19 + 142 + 152 + 172 + 251 & 736 &:= 3^1 + 6^2 + 18^0 + 20^1 + 26^2 = 31 + 62 + 180 + 201 + 262 \\ 736 &:= 10^0 + 10^1 + 15^2 + 16^1 + 22^2 = 100 + 101 + 152 + 161 + 222 & 736 &:= 3^1 + 7^1 + 14^2 + 23^2 + 26^0 = 31 + 71 + 142 + 232 + 260 \\ 736 &:= 10^0 + 11^1 + 15^1 + 15^2 + 22^2 = 100 + 111 + 151 + 152 + 222 & 736 &:= 3^1 + 8^1 + 18^2 + 20^2 + 24^0 = 31 + 81 + 182 + 202 + 240 \\ 736 &:= 10^0 + 11^2 + 17^0 + 17^2 + 18^2 = 100 + 112 + 170 + 172 + 182 & 736 &:= 3^1 + 9^2 + 10^0 + 25^2 + 26^1 = 31 + 92 + 100 + 252 + 261 \\ 736 &:= 10^0 + 12^1 + 14^1 + 15^2 + 22^2 = 100 + 121 + 141 + 152 + 222 & 736 &:= 3^2 + 10^0 + 10^2 + 25^0 + 25^2 = 32 + 100 + 102 + 250 + 252 \\ 736 &:= 10^0 + 13^1 + 13^1 + 15^2 + 22^2 = 100 + 131 + 131 + 152 + 222 & 736 &:= 3^2 + 10^0 + 14^2 + 23^0 + 23^2 = 32 + 100 + 142 + 230 + 232 \\ 736 &:= 11^0 + 11^2 + 16^0 + 17^2 + 18^2 = 110 + 112 + 160 + 172 + 182 & 736 &:= 3^2 + 10^2 + 11^0 + 24^0 + 25^2 = 32 + 102 + 110 + 240 + 252 \end{aligned}$$

$$\begin{aligned} 736 &:= 3^2 + 10^2 + 12^0 + 23^0 + 25^2 = 32 + 102 + 120 + 230 + 252 & 736 &:= 4^1 + 9^1 + 19^2 + 19^2 + 22^0 = 41 + 91 + 192 + 192 + 220 \\ 736 &:= 3^2 + 10^2 + 13^0 + 22^0 + 25^2 = 32 + 102 + 130 + 220 + 252 & 736 &:= 4^1 + 9^2 + 10^0 + 25^1 + 25^2 = 41 + 92 + 100 + 251 + 252 \\ 736 &:= 3^2 + 10^2 + 14^0 + 21^0 + 25^2 = 32 + 102 + 140 + 210 + 252 & 736 &:= 5^0 + 11^2 + 17^2 + 18^2 + 22^0 = 50 + 112 + 172 + 182 + 220 \\ 736 &:= 3^2 + 10^2 + 15^0 + 20^0 + 25^2 = 32 + 102 + 150 + 200 + 252 & 736 &:= 5^0 + 5^2 + 15^2 + 22^2 + 26^0 = 50 + 52 + 152 + 222 + 260 \\ 736 &:= 3^2 + 10^2 + 16^0 + 19^0 + 25^2 = 32 + 102 + 160 + 190 + 252 & 736 &:= 5^0 + 6^2 + 13^2 + 23^2 + 26^0 = 50 + 62 + 132 + 232 + 260 \\ 736 &:= 3^2 + 10^2 + 17^0 + 18^0 + 25^2 = 32 + 102 + 170 + 180 + 252 & 736 &:= 5^0 + 7^2 + 18^2 + 19^2 + 24^0 = 50 + 72 + 182 + 192 + 240 \\ 736 &:= 3^2 + 11^0 + 14^2 + 22^0 + 23^2 = 32 + 110 + 142 + 220 + 232 & 736 &:= 5^0 + 8^3 + 14^2 + 20^0 + 26^1 = 50 + 83 + 142 + 200 + 261 \\ 736 &:= 3^2 + 12^0 + 14^2 + 21^0 + 23^2 = 32 + 120 + 142 + 210 + 232 & 736 &:= 5^0 + 9^2 + 13^2 + 22^2 + 24^0 = 50 + 92 + 132 + 222 + 240 \\ 736 &:= 3^2 + 13^0 + 14^2 + 20^0 + 23^2 = 32 + 130 + 142 + 200 + 232 & 736 &:= 5^1 + 10^0 + 15^2 + 21^1 + 22^2 = 51 + 100 + 152 + 211 + 222 \\ 736 &:= 3^2 + 14^0 + 14^2 + 19^0 + 23^2 = 32 + 140 + 142 + 190 + 232 & 736 &:= 5^1 + 10^1 + 12^2 + 22^0 + 24^2 = 51 + 101 + 122 + 220 + 242 \\ 736 &:= 3^2 + 14^2 + 15^0 + 18^0 + 23^2 = 32 + 142 + 150 + 180 + 232 & 736 &:= 5^1 + 5^1 + 14^2 + 23^2 + 26^0 = 51 + 51 + 142 + 232 + 260 \\ 736 &:= 3^2 + 14^2 + 16^0 + 17^0 + 23^2 = 32 + 142 + 160 + 170 + 232 & 736 &:= 5^1 + 6^1 + 18^2 + 20^2 + 24^0 = 51 + 61 + 182 + 202 + 240 \\ 736 &:= 3^2 + 6^0 + 14^2 + 23^2 + 27^0 = 32 + 60 + 142 + 232 + 270 & 736 &:= 5^1 + 6^2 + 18^0 + 18^1 + 26^2 = 51 + 62 + 180 + 181 + 262 \\ 736 &:= 3^2 + 7^0 + 14^2 + 23^2 + 26^0 = 32 + 70 + 142 + 232 + 260 & 736 &:= 5^1 + 8^1 + 19^2 + 19^2 + 22^0 = 51 + 81 + 192 + 192 + 220 \\ 736 &:= 3^2 + 7^2 + 10^0 + 26^2 + 27^0 = 32 + 72 + 100 + 262 + 270 & 736 &:= 5^1 + 9^2 + 10^0 + 24^1 + 25^2 = 51 + 92 + 100 + 241 + 252 \\ 736 &:= 3^2 + 7^2 + 11^0 + 26^0 + 26^2 = 32 + 72 + 110 + 260 + 262 & 736 &:= 5^2 + 10^0 + 15^2 + 21^0 + 22^2 = 52 + 100 + 152 + 210 + 222 \\ 736 &:= 3^2 + 7^2 + 12^0 + 25^0 + 26^2 = 32 + 72 + 120 + 250 + 262 & 736 &:= 5^2 + 11^0 + 15^2 + 20^0 + 22^2 = 52 + 110 + 152 + 200 + 222 \\ 736 &:= 3^2 + 7^2 + 13^0 + 24^0 + 26^2 = 32 + 72 + 130 + 240 + 262 & 736 &:= 5^2 + 12^0 + 15^2 + 19^0 + 22^2 = 52 + 120 + 152 + 190 + 222 \\ 736 &:= 3^2 + 7^2 + 14^0 + 23^0 + 26^2 = 32 + 72 + 140 + 230 + 262 & 736 &:= 5^2 + 13^0 + 15^2 + 18^0 + 22^2 = 52 + 130 + 152 + 180 + 222 \\ 736 &:= 3^2 + 7^2 + 15^0 + 22^0 + 26^2 = 32 + 72 + 150 + 220 + 262 & 736 &:= 5^2 + 14^0 + 15^2 + 17^0 + 22^2 = 52 + 140 + 152 + 170 + 222 \\ 736 &:= 3^2 + 7^2 + 16^0 + 21^0 + 26^2 = 32 + 72 + 160 + 210 + 262 & 736 &:= 5^2 + 15^0 + 15^2 + 16^0 + 22^2 = 52 + 150 + 152 + 160 + 222 \\ 736 &:= 3^2 + 7^2 + 17^0 + 20^0 + 26^2 = 32 + 72 + 170 + 200 + 262 & 736 &:= 5^2 + 6^0 + 15^2 + 22^2 + 25^0 = 52 + 60 + 152 + 222 + 250 \\ 736 &:= 3^2 + 7^2 + 18^0 + 19^0 + 26^2 = 32 + 72 + 180 + 190 + 262 & 736 &:= 5^2 + 7^0 + 15^2 + 22^2 + 24^0 = 52 + 70 + 152 + 222 + 240 \\ 736 &:= 3^2 + 8^0 + 10^2 + 25^2 + 27^0 = 32 + 80 + 102 + 252 + 270 & 736 &:= 5^2 + 7^1 + 8^0 + 26^2 + 27^1 = 52 + 71 + 80 + 262 + 271 \\ 736 &:= 3^2 + 8^0 + 14^2 + 23^2 + 25^0 = 32 + 80 + 142 + 232 + 250 & 736 &:= 5^2 + 8^0 + 10^1 + 24^1 + 26^2 = 52 + 80 + 101 + 241 + 262 \\ 736 &:= 3^2 + 9^0 + 10^2 + 25^2 + 26^0 = 32 + 90 + 102 + 252 + 260 & 736 &:= 5^2 + 8^0 + 11^1 + 23^1 + 26^2 = 52 + 80 + 111 + 231 + 262 \\ 736 &:= 3^2 + 9^0 + 14^2 + 23^2 + 24^0 = 32 + 90 + 142 + 232 + 240 & 736 &:= 5^2 + 8^0 + 12^1 + 22^1 + 26^2 = 52 + 80 + 121 + 221 + 262 \\ 736 &:= 4^0 + 11^2 + 17^2 + 18^2 + 23^0 = 40 + 112 + 172 + 182 + 230 & 736 &:= 5^2 + 8^0 + 13^1 + 21^1 + 26^2 = 52 + 80 + 131 + 211 + 262 \\ 736 &:= 4^0 + 5^2 + 15^2 + 22^2 + 27^0 = 40 + 52 + 152 + 222 + 270 & 736 &:= 5^2 + 8^0 + 14^1 + 20^1 + 26^2 = 52 + 80 + 141 + 201 + 262 \\ 736 &:= 4^0 + 6^2 + 13^2 + 23^2 + 27^0 = 40 + 62 + 132 + 232 + 270 & 736 &:= 5^2 + 8^0 + 15^1 + 19^1 + 26^2 = 52 + 80 + 151 + 191 + 262 \\ 736 &:= 4^0 + 7^2 + 18^2 + 19^2 + 25^0 = 40 + 72 + 182 + 192 + 250 & 736 &:= 5^2 + 8^0 + 15^2 + 22^2 + 23^0 = 52 + 80 + 152 + 222 + 230 \\ 736 &:= 4^0 + 8^3 + 14^2 + 21^0 + 26^1 = 40 + 83 + 142 + 210 + 261 & 736 &:= 5^2 + 8^0 + 16^1 + 18^1 + 26^2 = 52 + 80 + 161 + 181 + 262 \\ 736 &:= 4^0 + 9^2 + 13^2 + 22^2 + 25^0 = 40 + 92 + 132 + 222 + 250 & 736 &:= 5^2 + 8^0 + 17^1 + 17^1 + 26^2 = 52 + 80 + 171 + 171 + 262 \\ 736 &:= 4^1 + 10^0 + 15^2 + 22^1 + 22^2 = 41 + 100 + 152 + 221 + 222 & 736 &:= 5^2 + 8^0 + 8^1 + 26^1 + 26^2 = 52 + 80 + 81 + 261 + 262 \\ 736 &:= 4^1 + 11^1 + 12^2 + 22^0 + 24^2 = 41 + 111 + 122 + 220 + 242 & 736 &:= 5^2 + 8^0 + 9^1 + 25^1 + 26^2 = 52 + 80 + 91 + 251 + 262 \\ 736 &:= 4^1 + 6^1 + 14^2 + 23^2 + 26^0 = 41 + 61 + 142 + 232 + 260 & 736 &:= 5^2 + 9^0 + 15^2 + 22^0 + 22^2 = 52 + 90 + 152 + 220 + 222 \\ 736 &:= 4^1 + 6^2 + 18^0 + 19^1 + 26^2 = 41 + 62 + 180 + 191 + 262 & 736 &:= 6^0 + 11^2 + 17^2 + 18^2 + 21^0 = 60 + 112 + 172 + 182 + 210 \\ 736 &:= 4^1 + 7^1 + 18^2 + 20^2 + 24^0 = 41 + 71 + 182 + 202 + 240 & 736 &:= 6^0 + 6^2 + 13^2 + 23^2 + 25^0 = 60 + 62 + 132 + 232 + 250 \end{aligned}$$

$736 := 6^0 + 7^2 + 18^2 + 19^2 + 23^0 = 60 + 72 + 182 + 192 + 230$	$736 := 7^2 + 11^0 + 18^0 + 18^2 + 19^2 = 72 + 110 + 180 + 182 + 192$
$736 := 6^0 + 8^3 + 14^2 + 19^0 + 26^1 = 60 + 83 + 142 + 190 + 261$	$736 := 7^2 + 12^0 + 17^0 + 18^2 + 19^2 = 72 + 120 + 170 + 182 + 192$
$736 := 6^0 + 9^2 + 13^2 + 22^2 + 23^0 = 60 + 92 + 132 + 222 + 230$	$736 := 7^2 + 13^0 + 16^0 + 18^2 + 19^2 = 72 + 130 + 160 + 182 + 192$
$736 := 6^1 + 10^0 + 15^2 + 20^1 + 22^2 = 61 + 100 + 152 + 201 + 222$	$736 := 7^2 + 14^0 + 15^0 + 18^2 + 19^2 = 72 + 140 + 150 + 182 + 192$
$736 := 6^1 + 6^2 + 17^1 + 18^0 + 26^2 = 61 + 62 + 171 + 180 + 262$	$736 := 7^2 + 8^0 + 18^2 + 19^2 + 21^0 = 72 + 80 + 182 + 192 + 210$
$736 := 6^1 + 7^1 + 19^2 + 19^2 + 22^0 = 61 + 71 + 192 + 192 + 220$	$736 := 7^2 + 9^0 + 18^2 + 19^2 + 20^0 = 72 + 90 + 182 + 192 + 200$
$736 := 6^1 + 9^1 + 12^2 + 22^0 + 24^2 = 61 + 91 + 122 + 220 + 242$	$736 := 8^0 + 11^2 + 17^2 + 18^2 + 19^0 = 80 + 112 + 172 + 182 + 190$
$736 := 6^1 + 9^2 + 10^0 + 23^1 + 25^2 = 61 + 92 + 100 + 231 + 252$	$736 := 8^0 + 8^3 + 14^2 + 17^0 + 26^1 = 80 + 83 + 142 + 170 + 261$
$736 := 6^2 + 10^0 + 13^2 + 21^0 + 23^2 = 62 + 100 + 132 + 210 + 232$	$736 := 8^0 + 9^2 + 13^2 + 21^0 + 22^2 = 80 + 92 + 132 + 210 + 222$
$736 := 6^2 + 10^1 + 13^1 + 18^0 + 26^2 = 62 + 101 + 131 + 180 + 262$	$736 := 8^1 + 10^0 + 15^2 + 18^1 + 22^2 = 81 + 100 + 152 + 181 + 222$
$736 := 6^2 + 11^0 + 13^2 + 20^0 + 23^2 = 62 + 110 + 132 + 200 + 232$	$736 := 8^1 + 9^2 + 10^0 + 21^1 + 25^2 = 81 + 92 + 100 + 211 + 252$
$736 := 6^2 + 11^1 + 12^1 + 18^0 + 26^2 = 62 + 111 + 121 + 180 + 262$	$736 := 8^3 + 10^0 + 14^2 + 15^0 + 26^1 = 83 + 100 + 142 + 150 + 261$
$736 := 6^2 + 12^0 + 13^2 + 19^0 + 23^2 = 62 + 120 + 132 + 190 + 232$	$736 := 8^3 + 11^0 + 14^0 + 14^2 + 26^1 = 83 + 110 + 140 + 142 + 261$
$736 := 6^2 + 13^0 + 13^2 + 18^0 + 23^2 = 62 + 130 + 132 + 180 + 232$	$736 := 8^3 + 12^0 + 13^0 + 14^2 + 26^1 = 83 + 120 + 130 + 142 + 261$
$736 := 6^2 + 13^2 + 14^0 + 17^0 + 23^2 = 62 + 132 + 140 + 170 + 232$	$736 := 8^3 + 9^0 + 14^2 + 16^0 + 26^1 = 83 + 90 + 142 + 160 + 261$
$736 := 6^2 + 13^2 + 15^0 + 16^0 + 23^2 = 62 + 132 + 150 + 160 + 232$	$736 := 9^0 + 11^2 + 17^2 + 18^0 + 18^2 = 90 + 112 + 172 + 180 + 182$
$736 := 6^2 + 7^0 + 13^2 + 23^2 + 24^0 = 62 + 70 + 132 + 232 + 240$	$736 := 9^0 + 9^2 + 13^2 + 20^0 + 22^2 = 90 + 92 + 132 + 200 + 222$
$736 := 6^2 + 7^1 + 16^1 + 18^0 + 26^2 = 62 + 71 + 161 + 180 + 262$	$736 := 9^1 + 10^0 + 15^2 + 17^1 + 22^2 = 91 + 100 + 152 + 171 + 222$
$736 := 6^2 + 8^0 + 13^2 + 23^0 + 23^2 = 62 + 80 + 132 + 230 + 232$	$736 := 9^1 + 9^2 + 10^0 + 20^1 + 25^2 = 91 + 92 + 100 + 201 + 252$
$736 := 6^2 + 8^1 + 15^1 + 18^0 + 26^2 = 62 + 81 + 151 + 180 + 262$	$736 := 9^2 + 10^0 + 10^1 + 19^1 + 25^2 = 92 + 100 + 101 + 191 + 252$
$736 := 6^2 + 9^0 + 13^2 + 22^0 + 23^2 = 62 + 90 + 132 + 220 + 232$	$736 := 9^2 + 10^0 + 11^1 + 18^1 + 25^2 = 92 + 100 + 111 + 181 + 252$
$736 := 6^2 + 9^1 + 14^1 + 18^0 + 26^2 = 62 + 91 + 141 + 180 + 262$	$736 := 9^2 + 10^0 + 12^1 + 17^1 + 25^2 = 92 + 100 + 121 + 171 + 252$
$736 := 7^0 + 11^2 + 17^2 + 18^2 + 20^0 = 70 + 112 + 172 + 182 + 200$	$736 := 9^2 + 10^0 + 13^1 + 16^1 + 25^2 = 92 + 100 + 131 + 161 + 252$
$736 := 7^0 + 7^2 + 18^2 + 19^2 + 22^0 = 70 + 72 + 182 + 192 + 220$	$736 := 9^2 + 10^0 + 13^2 + 19^0 + 22^2 = 92 + 100 + 132 + 190 + 222$
$736 := 7^0 + 8^3 + 14^2 + 18^0 + 26^1 = 70 + 83 + 142 + 180 + 261$	$736 := 9^2 + 10^0 + 14^1 + 15^1 + 25^2 = 92 + 100 + 141 + 151 + 252$
$736 := 7^0 + 9^2 + 13^2 + 22^0 + 22^2 = 70 + 92 + 132 + 220 + 222$	$736 := 9^2 + 11^0 + 13^2 + 18^0 + 22^2 = 92 + 110 + 132 + 180 + 222$
$736 := 7^1 + 10^0 + 15^2 + 19^1 + 22^2 = 71 + 100 + 152 + 191 + 222$	$736 := 9^2 + 12^0 + 13^2 + 17^0 + 22^2 = 92 + 120 + 132 + 170 + 222$
$736 := 7^1 + 8^1 + 12^2 + 22^0 + 24^2 = 71 + 81 + 122 + 220 + 242$	$736 := 9^2 + 13^0 + 13^2 + 16^0 + 22^2 = 92 + 130 + 132 + 160 + 222$
$736 := 7^1 + 9^2 + 10^0 + 22^1 + 25^2 = 71 + 92 + 100 + 221 + 252$	$736 := 9^2 + 13^2 + 14^0 + 15^0 + 22^2 = 92 + 132 + 140 + 150 + 222$
$736 := 7^2 + 10^0 + 18^2 + 19^0 + 19^2 = 72 + 100 + 182 + 190 + 192$	

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$737 := 2^4 + 26^2 + 45^1 = 24 + 262 + 451$	$737 := 1^4 + 6^1 + 27^2 + 39^0 = 14 + 61 + 272 + 390$
$737 := 3^6 + 7^1 + 63^0 = 36 + 71 + 630$	$737 := 14^2 + 15^2 + 17^2 + 27^1 = 142 + 152 + 172 + 271$
$737 := 1^0 + 2^4 + 26^2 + 44^1 = 10 + 24 + 262 + 441$	$737 := 2^0 + 3^6 + 6^1 + 62^0 = 20 + 36 + 61 + 620$
$737 := 1^0 + 3^6 + 6^1 + 63^0 = 10 + 36 + 61 + 630$	$737 := 2^2 + 11^2 + 24^2 + 36^1 = 22 + 112 + 242 + 361$
$737 := 1^3 + 6^1 + 9^3 + 57^0 = 13 + 61 + 93 + 570$	$737 := 2^2 + 13^2 + 23^2 + 35^1 = 22 + 132 + 232 + 351$

$737 := 2^2 + 4^2 + 26^2 + 41^1$	$= 22 + 42 + 262 + 411$	$737 := 5^4 + 8^2 + 13^0 + 47^1$	$= 54 + 82 + 130 + 471$
$737 := 3^0 + 3^6 + 6^1 + 61^0$	$= 30 + 36 + 61 + 610$	$737 := 5^4 + 9^2 + 29^0 + 30^1$	$= 54 + 92 + 290 + 301$
$737 := 3^3 + 15^2 + 22^2 + 33^0$	$= 33 + 152 + 222 + 330$	$737 := 6^2 + 6^3 + 22^2 + 39^0$	$= 62 + 63 + 222 + 390$
$737 := 3^4 + 15^0 + 25^2 + 30^1$	$= 34 + 150 + 252 + 301$	$737 := 6^3 + 14^2 + 18^2 + 35^0$	$= 63 + 142 + 182 + 350$
$737 := 3^6 + 4^0 + 6^1 + 60^0$	$= 36 + 40 + 61 + 600$	$737 := 6^3 + 8^1 + 8^3 + 51^0$	$= 63 + 81 + 83 + 510$
$737 := 3^6 + 5^0 + 6^1 + 59^0$	$= 36 + 50 + 61 + 590$	$737 := 7^3 + 7^3 + 9^0 + 50^1$	$= 73 + 73 + 90 + 501$
$737 := 3^6 + 6^0 + 6^1 + 58^0$	$= 36 + 60 + 61 + 580$	$737 := 8^2 + 8^2 + 24^2 + 33^1$	$= 82 + 82 + 242 + 331$
$737 := 3^6 + 6^1 + 10^0 + 54^0$	$= 36 + 61 + 100 + 540$	$737 := 1^0 + 14^2 + 15^2 + 17^2 + 26^1$	$= 10 + 142 + 152 + 172 + 261$
$737 := 3^6 + 6^1 + 11^0 + 53^0$	$= 36 + 61 + 110 + 530$	$737 := 1^1 + 8^3 + 14^2 + 23^0 + 27^1$	$= 11 + 83 + 142 + 230 + 271$
$737 := 3^6 + 6^1 + 12^0 + 52^0$	$= 36 + 61 + 120 + 520$	$737 := 1^2 + 10^1 + 10^2 + 25^2 + 27^0$	$= 12 + 101 + 102 + 252 + 270$
$737 := 3^6 + 6^1 + 13^0 + 51^0$	$= 36 + 61 + 130 + 510$	$737 := 1^2 + 10^1 + 14^2 + 23^2 + 25^0$	$= 12 + 101 + 142 + 232 + 250$
$737 := 3^6 + 6^1 + 14^0 + 50^0$	$= 36 + 61 + 140 + 500$	$737 := 1^2 + 11^1 + 18^2 + 20^2 + 23^0$	$= 12 + 111 + 182 + 202 + 230$
$737 := 3^6 + 6^1 + 15^0 + 49^0$	$= 36 + 61 + 150 + 490$	$737 := 1^2 + 12^2 + 15^1 + 21^0 + 24^2$	$= 12 + 122 + 151 + 210 + 242$
$737 := 3^6 + 6^1 + 16^0 + 48^0$	$= 36 + 61 + 160 + 480$	$737 := 1^2 + 13^1 + 19^2 + 19^2 + 21^0$	$= 12 + 131 + 192 + 192 + 210$
$737 := 3^6 + 6^1 + 17^0 + 47^0$	$= 36 + 61 + 170 + 470$	$737 := 1^2 + 6^2 + 17^0 + 23^1 + 26^2$	$= 12 + 62 + 170 + 231 + 262$
$737 := 3^6 + 6^1 + 18^0 + 46^0$	$= 36 + 61 + 180 + 460$	$737 := 1^2 + 9^0 + 15^2 + 22^2 + 26^1$	$= 12 + 90 + 152 + 222 + 261$
$737 := 3^6 + 6^1 + 19^0 + 45^0$	$= 36 + 61 + 190 + 450$	$737 := 1^4 + 5^1 + 13^0 + 27^0 + 27^2$	$= 14 + 51 + 130 + 270 + 272$
$737 := 3^6 + 6^1 + 20^0 + 44^0$	$= 36 + 61 + 200 + 440$	$737 := 1^4 + 5^1 + 14^0 + 26^0 + 27^2$	$= 14 + 51 + 140 + 260 + 272$
$737 := 3^6 + 6^1 + 21^0 + 43^0$	$= 36 + 61 + 210 + 430$	$737 := 1^4 + 5^1 + 15^0 + 25^0 + 27^2$	$= 14 + 51 + 150 + 250 + 272$
$737 := 3^6 + 6^1 + 22^0 + 42^0$	$= 36 + 61 + 220 + 420$	$737 := 1^4 + 5^1 + 16^0 + 24^0 + 27^2$	$= 14 + 51 + 160 + 240 + 272$
$737 := 3^6 + 6^1 + 23^0 + 41^0$	$= 36 + 61 + 230 + 410$	$737 := 1^4 + 5^1 + 17^0 + 23^0 + 27^2$	$= 14 + 51 + 170 + 230 + 272$
$737 := 3^6 + 6^1 + 24^0 + 40^0$	$= 36 + 61 + 240 + 400$	$737 := 1^4 + 5^1 + 18^0 + 22^0 + 27^2$	$= 14 + 51 + 180 + 220 + 272$
$737 := 3^6 + 6^1 + 25^0 + 39^0$	$= 36 + 61 + 250 + 390$	$737 := 1^4 + 5^1 + 19^0 + 21^0 + 27^2$	$= 14 + 51 + 190 + 210 + 272$
$737 := 3^6 + 6^1 + 26^0 + 38^0$	$= 36 + 61 + 260 + 380$	$737 := 1^4 + 5^1 + 20^0 + 20^0 + 27^2$	$= 14 + 51 + 200 + 200 + 272$
$737 := 3^6 + 6^1 + 27^0 + 37^0$	$= 36 + 61 + 270 + 370$	$737 := 1^9 + 2^5 + 16^0 + 26^2 + 27^1$	$= 19 + 25 + 160 + 262 + 271$
$737 := 3^6 + 6^1 + 28^0 + 36^0$	$= 36 + 61 + 280 + 360$	$737 := 10^1 + 11^2 + 11^2 + 19^0 + 22^2$	$= 101 + 112 + 112 + 190 + 222$
$737 := 3^6 + 6^1 + 29^0 + 35^0$	$= 36 + 61 + 290 + 350$	$737 := 10^1 + 13^2 + 14^2 + 17^0 + 19^2$	$= 101 + 132 + 142 + 170 + 192$
$737 := 3^6 + 6^1 + 30^0 + 34^0$	$= 36 + 61 + 300 + 340$	$737 := 10^2 + 11^1 + 15^2 + 17^0 + 20^2$	$= 102 + 111 + 152 + 170 + 202$
$737 := 3^6 + 6^1 + 31^0 + 33^0$	$= 36 + 61 + 310 + 330$	$737 := 12^1 + 12^2 + 15^0 + 16^2 + 18^2$	$= 121 + 122 + 150 + 162 + 182$
$737 := 3^6 + 6^1 + 32^0 + 32^0$	$= 36 + 61 + 320 + 320$	$737 := 12^2 + 13^0 + 14^1 + 17^2 + 17^2$	$= 122 + 130 + 141 + 172 + 172$
$737 := 3^6 + 6^1 + 7^0 + 57^0$	$= 36 + 61 + 70 + 570$	$737 := 2^1 + 11^2 + 17^2 + 18^2 + 25^0$	$= 21 + 112 + 172 + 182 + 250$
$737 := 3^6 + 6^1 + 8^0 + 56^0$	$= 36 + 61 + 80 + 560$	$737 := 2^1 + 7^2 + 18^2 + 19^2 + 27^0$	$= 21 + 72 + 182 + 192 + 270$
$737 := 3^6 + 6^1 + 9^0 + 55^0$	$= 36 + 61 + 90 + 550$	$737 := 2^1 + 8^3 + 14^2 + 23^0 + 26^1$	$= 21 + 83 + 142 + 230 + 261$
$737 := 3^6 + 7^1 + 63^0$	$= 36 + 71 + 630$	$737 := 2^1 + 9^2 + 13^2 + 22^2 + 27^0$	$= 21 + 92 + 132 + 222 + 270$
$737 := 4^2 + 17^2 + 20^2 + 32^1$	$= 42 + 172 + 202 + 321$	$737 := 2^2 + 10^1 + 19^2 + 19^2 + 23^0$	$= 22 + 101 + 192 + 192 + 230$
$737 := 4^4 + 9^0 + 21^2 + 39^1$	$= 44 + 90 + 212 + 391$	$737 := 2^2 + 11^0 + 15^2 + 22^2 + 23^1$	$= 22 + 110 + 152 + 222 + 231$
$737 := 5^2 + 14^2 + 22^2 + 32^1$	$= 52 + 142 + 222 + 321$	$737 := 2^2 + 12^1 + 12^2 + 23^0 + 24^2$	$= 22 + 121 + 122 + 230 + 242$
$737 := 5^4 + 10^2 + 11^1 + 47^0$	$= 54 + 102 + 111 + 470$	$737 := 2^2 + 6^2 + 19^0 + 20^1 + 26^2$	$= 22 + 62 + 190 + 201 + 262$

$$\begin{aligned} 737 &:= 2^2 + 7^1 + 14^2 + 23^2 + 27^0 = 22 + 71 + 142 + 232 + 270 & 737 &:= 3^6 + 5^1 + 17^0 + 23^0 + 25^0 = 36 + 51 + 170 + 230 + 250 \\ 737 &:= 2^2 + 8^1 + 18^2 + 20^2 + 25^0 = 22 + 81 + 182 + 202 + 250 & 737 &:= 3^6 + 5^1 + 17^0 + 24^0 + 24^0 = 36 + 51 + 170 + 240 + 240 \\ 737 &:= 2^2 + 9^2 + 11^0 + 25^2 + 26^1 = 22 + 92 + 110 + 252 + 261 & 737 &:= 3^6 + 5^1 + 18^0 + 20^0 + 27^0 = 36 + 51 + 180 + 200 + 270 \\ 737 &:= 3^0 + 10^2 + 13^2 + 21^2 + 26^1 = 30 + 102 + 132 + 212 + 261 & 737 &:= 3^6 + 5^1 + 18^0 + 21^0 + 26^0 = 36 + 51 + 180 + 210 + 260 \\ 737 &:= 3^0 + 9^2 + 12^2 + 22^2 + 27^1 = 30 + 92 + 122 + 222 + 271 & 737 &:= 3^6 + 5^1 + 18^0 + 22^0 + 25^0 = 36 + 51 + 180 + 220 + 250 \\ 737 &:= 3^1 + 6^2 + 16^2 + 21^2 + 27^0 = 31 + 62 + 162 + 212 + 270 & 737 &:= 3^6 + 5^1 + 18^0 + 23^0 + 24^0 = 36 + 51 + 180 + 230 + 240 \\ 737 &:= 3^1 + 8^3 + 14^2 + 23^0 + 25^1 = 31 + 83 + 142 + 230 + 251 & 737 &:= 3^6 + 5^1 + 19^0 + 19^0 + 27^0 = 36 + 51 + 190 + 190 + 270 \\ 737 &:= 3^2 + 15^0 + 15^2 + 18^1 + 22^2 = 32 + 150 + 152 + 181 + 222 & 737 &:= 3^6 + 5^1 + 19^0 + 20^0 + 26^0 = 36 + 51 + 190 + 200 + 260 \\ 737 &:= 3^2 + 5^1 + 19^2 + 19^2 + 27^0 = 32 + 51 + 192 + 192 + 270 & 737 &:= 3^6 + 5^1 + 19^0 + 21^0 + 25^0 = 36 + 51 + 190 + 210 + 250 \\ 737 &:= 3^2 + 5^2 + 13^0 + 26^1 + 26^2 = 32 + 52 + 130 + 261 + 262 & 737 &:= 3^6 + 5^1 + 19^0 + 22^0 + 24^0 = 36 + 51 + 190 + 220 + 240 \\ 737 &:= 3^2 + 6^2 + 15^1 + 23^0 + 26^2 = 32 + 62 + 151 + 230 + 262 & 737 &:= 3^6 + 5^1 + 19^0 + 23^0 + 23^0 = 36 + 51 + 190 + 230 + 230 \\ 737 &:= 3^2 + 7^1 + 12^2 + 24^2 + 27^0 = 32 + 71 + 122 + 242 + 270 & 737 &:= 3^6 + 5^1 + 20^0 + 20^0 + 25^0 = 36 + 51 + 200 + 200 + 250 \\ 737 &:= 3^2 + 9^2 + 15^0 + 21^1 + 25^2 = 32 + 92 + 150 + 211 + 252 & 737 &:= 3^6 + 5^1 + 20^0 + 21^0 + 24^0 = 36 + 51 + 200 + 210 + 240 \\ 737 &:= 3^3 + 10^1 + 11^0 + 23^1 + 26^2 = 33 + 101 + 110 + 231 + 262 & 737 &:= 3^6 + 5^1 + 20^0 + 22^0 + 23^0 = 36 + 51 + 200 + 220 + 230 \\ 737 &:= 3^3 + 11^0 + 11^1 + 22^1 + 26^2 = 33 + 110 + 111 + 221 + 262 & 737 &:= 3^6 + 5^1 + 21^0 + 21^0 + 23^0 = 36 + 51 + 210 + 210 + 230 \\ 737 &:= 3^3 + 11^0 + 12^1 + 21^1 + 26^2 = 33 + 110 + 121 + 211 + 262 & 737 &:= 3^6 + 5^1 + 21^0 + 22^0 + 22^0 = 36 + 51 + 210 + 220 + 220 \\ 737 &:= 3^3 + 11^0 + 13^1 + 20^1 + 26^2 = 33 + 110 + 131 + 201 + 262 & 737 &:= 4^1 + 8^3 + 14^2 + 23^0 + 24^1 = 41 + 83 + 142 + 230 + 241 \\ 737 &:= 3^3 + 11^0 + 14^1 + 19^1 + 26^2 = 33 + 110 + 141 + 191 + 262 & 737 &:= 4^2 + 11^0 + 11^2 + 23^1 + 24^2 = 42 + 110 + 112 + 231 + 242 \\ 737 &:= 3^3 + 11^0 + 15^1 + 18^1 + 26^2 = 33 + 110 + 151 + 181 + 262 & 737 &:= 4^2 + 11^0 + 13^2 + 22^1 + 23^2 = 42 + 110 + 132 + 221 + 232 \\ 737 &:= 3^3 + 11^0 + 16^1 + 17^1 + 26^2 = 33 + 110 + 161 + 171 + 262 & 737 &:= 4^2 + 11^1 + 15^2 + 21^0 + 22^2 = 42 + 111 + 152 + 210 + 222 \\ 737 &:= 3^3 + 6^1 + 11^0 + 26^2 + 27^1 = 33 + 61 + 110 + 262 + 271 & 737 &:= 4^2 + 5^2 + 19^0 + 19^1 + 26^2 = 42 + 52 + 190 + 191 + 262 \\ 737 &:= 3^3 + 7^1 + 11^0 + 26^1 + 26^2 = 33 + 71 + 110 + 261 + 262 & 737 &:= 4^2 + 9^0 + 16^2 + 21^2 + 23^1 = 42 + 90 + 162 + 212 + 231 \\ 737 &:= 3^3 + 8^1 + 11^0 + 25^1 + 26^2 = 33 + 81 + 110 + 251 + 262 & 737 &:= 4^2 + 9^2 + 14^1 + 21^0 + 25^2 = 42 + 92 + 141 + 210 + 252 \\ 737 &:= 3^3 + 9^1 + 11^0 + 24^1 + 26^2 = 33 + 91 + 110 + 241 + 262 & 737 &:= 5^0 + 10^2 + 17^2 + 18^2 + 23^1 = 50 + 102 + 172 + 182 + 231 \\ 737 &:= 3^6 + 5^1 + 11^0 + 27^0 + 27^0 = 36 + 51 + 110 + 270 + 270 & 737 &:= 5^0 + 12^2 + 13^2 + 20^2 + 23^1 = 50 + 122 + 132 + 202 + 231 \\ 737 &:= 3^6 + 5^1 + 12^0 + 26^0 + 27^0 = 36 + 51 + 120 + 260 + 270 & 737 &:= 5^0 + 13^2 + 16^2 + 17^2 + 22^1 = 50 + 132 + 162 + 172 + 221 \\ 737 &:= 3^6 + 5^1 + 13^0 + 25^0 + 27^0 = 36 + 51 + 130 + 250 + 270 & 737 &:= 5^0 + 5^2 + 18^2 + 19^2 + 26^1 = 50 + 52 + 182 + 192 + 261 \\ 737 &:= 3^6 + 5^1 + 13^0 + 26^0 + 26^0 = 36 + 51 + 130 + 260 + 260 & 737 &:= 5^0 + 6^2 + 12^2 + 23^2 + 27^1 = 50 + 62 + 122 + 232 + 271 \\ 737 &:= 3^6 + 5^1 + 14^0 + 24^0 + 27^0 = 36 + 51 + 140 + 240 + 270 & 737 &:= 5^0 + 8^2 + 18^2 + 18^2 + 24^1 = 50 + 82 + 182 + 182 + 241 \\ 737 &:= 3^6 + 5^1 + 14^0 + 25^0 + 26^0 = 36 + 51 + 140 + 250 + 260 & 737 &:= 5^0 + 9^2 + 10^2 + 23^2 + 26^1 = 50 + 92 + 102 + 232 + 261 \\ 737 &:= 3^6 + 5^1 + 15^0 + 23^0 + 27^0 = 36 + 51 + 150 + 230 + 270 & 737 &:= 5^1 + 11^2 + 13^2 + 21^2 + 23^0 = 51 + 112 + 132 + 212 + 230 \\ 737 &:= 3^6 + 5^1 + 15^0 + 24^0 + 26^0 = 36 + 51 + 150 + 240 + 260 & 737 &:= 5^1 + 7^3 + 15^0 + 19^2 + 27^1 = 51 + 73 + 150 + 192 + 271 \\ 737 &:= 3^6 + 5^1 + 15^0 + 25^0 + 25^0 = 36 + 51 + 150 + 250 + 250 & 737 &:= 5^1 + 8^3 + 14^2 + 23^0 + 23^1 = 51 + 83 + 142 + 230 + 231 \\ 737 &:= 3^6 + 5^1 + 16^0 + 22^0 + 27^0 = 36 + 51 + 160 + 220 + 270 & 737 &:= 5^1 + 9^2 + 11^2 + 23^2 + 25^0 = 51 + 92 + 112 + 232 + 250 \\ 737 &:= 3^6 + 5^1 + 16^0 + 23^0 + 26^0 = 36 + 51 + 160 + 230 + 260 & 737 &:= 5^1 + 9^2 + 17^2 + 19^2 + 23^0 = 51 + 92 + 172 + 192 + 230 \\ 737 &:= 3^6 + 5^1 + 16^0 + 24^0 + 25^0 = 36 + 51 + 160 + 240 + 250 & 737 &:= 5^2 + 11^2 + 14^1 + 19^0 + 24^2 = 52 + 112 + 141 + 190 + 242 \\ 737 &:= 3^6 + 5^1 + 17^0 + 21^0 + 27^0 = 36 + 51 + 170 + 210 + 270 & 737 &:= 5^2 + 13^1 + 13^2 + 19^0 + 23^2 = 52 + 131 + 132 + 190 + 232 \\ 737 &:= 3^6 + 5^1 + 17^0 + 22^0 + 26^0 = 36 + 51 + 170 + 220 + 260 & 737 &:= 5^2 + 14^1 + 16^2 + 17^0 + 21^2 = 52 + 141 + 162 + 170 + 212 \end{aligned}$$

$$\begin{aligned} 737 &:= 5^2 + 5^2 + 10^1 + 26^2 + 27^0 = 52 + 52 + 101 + 262 + 270 & 737 &:= 6^1 + 12^2 + 15^2 + 19^2 + 21^0 = 61 + 122 + 152 + 192 + 210 \\ 737 &:= 5^2 + 8^2 + 13^0 + 22^1 + 25^2 = 52 + 82 + 130 + 221 + 252 & 737 &:= 6^1 + 7^3 + 15^0 + 19^2 + 26^1 = 61 + 73 + 150 + 192 + 261 \\ 737 &:= 5^2 + 9^0 + 17^2 + 20^2 + 22^1 = 52 + 90 + 172 + 202 + 221 & 737 &:= 6^1 + 8^2 + 15^2 + 21^2 + 23^0 = 61 + 82 + 152 + 212 + 230 \\ 737 &:= 5^3 + 10^0 + 13^2 + 21^2 + 24^0 = 53 + 100 + 132 + 212 + 240 & 737 &:= 6^1 + 8^3 + 14^2 + 22^1 + 23^0 = 61 + 83 + 142 + 221 + 230 \\ 737 &:= 5^3 + 11^0 + 13^2 + 21^2 + 23^0 = 53 + 110 + 132 + 212 + 230 & 737 &:= 6^2 + 11^0 + 14^2 + 20^1 + 22^2 = 62 + 110 + 142 + 201 + 222 \\ 737 &:= 5^3 + 12^0 + 13^2 + 21^2 + 22^0 = 53 + 120 + 132 + 212 + 220 & 737 &:= 6^2 + 11^1 + 17^2 + 19^0 + 20^2 = 62 + 111 + 172 + 190 + 202 \\ 737 &:= 5^3 + 13^0 + 13^2 + 21^0 + 21^2 = 53 + 130 + 132 + 210 + 212 & 737 &:= 6^2 + 15^0 + 15^1 + 18^2 + 19^2 = 62 + 150 + 151 + 182 + 192 \\ 737 &:= 5^3 + 13^2 + 14^0 + 20^0 + 21^2 = 53 + 132 + 140 + 200 + 212 & 737 &:= 6^2 + 7^2 + 9^0 + 25^2 + 26^1 = 62 + 72 + 90 + 252 + 261 \\ 737 &:= 5^3 + 13^2 + 15^0 + 19^0 + 21^2 = 53 + 132 + 150 + 190 + 212 & 737 &:= 6^2 + 8^2 + 11^1 + 23^0 + 25^2 = 62 + 82 + 111 + 230 + 252 \\ 737 &:= 5^3 + 13^2 + 16^0 + 18^0 + 21^2 = 53 + 132 + 160 + 180 + 212 & 737 &:= 6^2 + 9^0 + 10^2 + 24^1 + 24^2 = 62 + 90 + 102 + 241 + 242 \\ 737 &:= 5^3 + 13^2 + 17^0 + 17^0 + 21^2 = 53 + 132 + 170 + 170 + 212 & 737 &:= 6^3 + 7^1 + 8^3 + 25^0 + 27^0 = 63 + 71 + 83 + 250 + 270 \\ 737 &:= 5^3 + 7^0 + 13^2 + 21^2 + 27^0 = 53 + 70 + 132 + 212 + 270 & 737 &:= 6^3 + 7^1 + 8^3 + 26^0 + 26^0 = 63 + 71 + 83 + 260 + 260 \\ 737 &:= 5^3 + 8^0 + 13^2 + 21^2 + 26^0 = 53 + 80 + 132 + 212 + 260 & 737 &:= 6^3 + 9^0 + 10^1 + 22^2 + 26^1 = 63 + 90 + 101 + 222 + 261 \\ 737 &:= 5^3 + 8^1 + 9^0 + 24^2 + 27^1 = 53 + 81 + 90 + 242 + 271 & 737 &:= 6^3 + 9^0 + 11^1 + 22^2 + 25^1 = 63 + 90 + 111 + 222 + 251 \\ 737 &:= 5^3 + 9^0 + 10^1 + 24^2 + 25^1 = 53 + 90 + 101 + 242 + 251 & 737 &:= 6^3 + 9^0 + 12^1 + 22^2 + 24^1 = 63 + 90 + 121 + 222 + 241 \\ 737 &:= 5^3 + 9^0 + 11^1 + 24^1 + 24^2 = 53 + 90 + 111 + 241 + 242 & 737 &:= 6^3 + 9^0 + 13^1 + 22^2 + 23^1 = 63 + 90 + 131 + 222 + 231 \\ 737 &:= 5^3 + 9^0 + 12^1 + 23^1 + 24^2 = 53 + 90 + 121 + 231 + 242 & 737 &:= 6^3 + 9^0 + 14^1 + 22^1 + 22^2 = 63 + 90 + 141 + 221 + 222 \\ 737 &:= 5^3 + 9^0 + 13^1 + 22^1 + 24^2 = 53 + 90 + 131 + 221 + 242 & 737 &:= 6^3 + 9^0 + 15^1 + 21^1 + 22^2 = 63 + 90 + 151 + 211 + 222 \\ 737 &:= 5^3 + 9^0 + 13^2 + 21^2 + 25^0 = 53 + 90 + 132 + 212 + 250 & 737 &:= 6^3 + 9^0 + 16^1 + 20^1 + 22^2 = 63 + 90 + 161 + 201 + 222 \\ 737 &:= 5^3 + 9^0 + 14^1 + 21^1 + 24^2 = 53 + 90 + 141 + 211 + 242 & 737 &:= 6^3 + 9^0 + 17^1 + 19^1 + 22^2 = 63 + 90 + 171 + 191 + 222 \\ 737 &:= 5^3 + 9^0 + 15^1 + 20^1 + 24^2 = 53 + 90 + 151 + 201 + 242 & 737 &:= 6^3 + 9^0 + 18^1 + 18^1 + 22^2 = 63 + 90 + 181 + 181 + 222 \\ 737 &:= 5^3 + 9^0 + 16^1 + 19^1 + 24^2 = 53 + 90 + 161 + 191 + 242 & 737 &:= 6^3 + 9^0 + 9^1 + 22^2 + 27^1 = 63 + 90 + 91 + 222 + 271 \\ 737 &:= 5^3 + 9^0 + 17^1 + 18^1 + 24^2 = 53 + 90 + 171 + 181 + 242 & 737 &:= 7^0 + 14^2 + 14^2 + 18^2 + 20^1 = 70 + 142 + 142 + 182 + 201 \\ 737 &:= 5^3 + 9^0 + 9^1 + 24^2 + 26^1 = 53 + 90 + 91 + 242 + 261 & 737 &:= 7^0 + 8^2 + 17^2 + 19^2 + 22^1 = 70 + 82 + 172 + 192 + 221 \\ 737 &:= 5^3 + 9^0 + 9^2 + 23^2 + 27^0 = 53 + 90 + 92 + 232 + 270 & 737 &:= 7^1 + 10^2 + 10^2 + 23^0 + 23^2 = 71 + 102 + 102 + 230 + 232 \\ 737 &:= 5^3 + 9^2 + 10^0 + 23^2 + 26^0 = 53 + 92 + 100 + 232 + 260 & 737 &:= 7^1 + 12^2 + 12^2 + 21^0 + 21^2 = 71 + 122 + 122 + 210 + 212 \\ 737 &:= 5^3 + 9^2 + 11^0 + 23^2 + 25^0 = 53 + 92 + 110 + 232 + 250 & 737 &:= 7^1 + 7^2 + 14^2 + 22^2 + 23^0 = 71 + 72 + 142 + 222 + 230 \\ 737 &:= 5^3 + 9^2 + 12^0 + 23^2 + 24^0 = 53 + 92 + 120 + 232 + 240 & 737 &:= 7^1 + 7^3 + 15^0 + 19^2 + 25^1 = 71 + 73 + 150 + 192 + 251 \\ 737 &:= 5^3 + 9^2 + 13^0 + 23^0 + 23^2 = 53 + 92 + 130 + 230 + 232 & 737 &:= 7^1 + 8^3 + 14^2 + 21^1 + 23^0 = 71 + 83 + 142 + 211 + 230 \\ 737 &:= 5^3 + 9^2 + 14^0 + 22^0 + 23^2 = 53 + 92 + 140 + 220 + 232 & 737 &:= 7^1 + 9^2 + 18^2 + 18^2 + 21^0 = 71 + 92 + 182 + 182 + 210 \\ 737 &:= 5^3 + 9^2 + 15^0 + 21^0 + 23^2 = 53 + 92 + 150 + 210 + 232 & 737 &:= 7^2 + 10^2 + 11^1 + 21^0 + 24^2 = 72 + 102 + 111 + 210 + 242 \\ 737 &:= 5^3 + 9^2 + 16^0 + 20^0 + 23^2 = 53 + 92 + 160 + 200 + 232 & 737 &:= 7^2 + 12^2 + 14^1 + 17^0 + 23^2 = 72 + 122 + 141 + 170 + 232 \\ 737 &:= 5^3 + 9^2 + 17^0 + 19^0 + 23^2 = 53 + 92 + 170 + 190 + 232 & 737 &:= 7^2 + 7^2 + 13^1 + 21^0 + 25^2 = 72 + 72 + 131 + 210 + 252 \\ 737 &:= 5^3 + 9^2 + 18^0 + 18^0 + 23^2 = 53 + 92 + 180 + 180 + 232 & 737 &:= 7^2 + 9^0 + 15^2 + 21^1 + 21^2 = 72 + 90 + 152 + 211 + 212 \\ 737 &:= 5^4 + 10^1 + 10^2 + 21^0 + 27^0 = 54 + 101 + 102 + 210 + 270 & 737 &:= 7^3 + 10^1 + 15^0 + 19^2 + 22^1 = 73 + 101 + 150 + 192 + 221 \\ 737 &:= 5^4 + 10^1 + 10^2 + 22^0 + 26^0 = 54 + 101 + 102 + 220 + 260 & 737 &:= 7^3 + 11^0 + 14^2 + 14^2 + 27^0 = 73 + 110 + 142 + 142 + 270 \\ 737 &:= 5^4 + 10^1 + 10^2 + 23^0 + 25^0 = 54 + 101 + 102 + 230 + 250 & 737 &:= 7^3 + 11^1 + 15^0 + 19^2 + 21^1 = 73 + 111 + 150 + 192 + 211 \\ 737 &:= 5^4 + 10^1 + 10^2 + 24^0 + 24^0 = 54 + 101 + 102 + 240 + 240 & 737 &:= 7^3 + 12^0 + 14^2 + 14^2 + 26^0 = 73 + 120 + 142 + 142 + 260 \end{aligned}$$

$$\begin{aligned}
 737 &:= 7^3 + 12^1 + 15^0 + 19^2 + 20^1 = 73 + 121 + 150 + 192 + 201 & 737 &:= 8^2 + 11^0 + 13^2 + 19^1 + 22^2 = 82 + 110 + 132 + 191 + 222 \\
 737 &:= 7^3 + 13^0 + 14^2 + 14^2 + 25^0 = 73 + 130 + 142 + 142 + 250 & 737 &:= 8^2 + 13^0 + 16^1 + 16^2 + 20^2 = 82 + 130 + 161 + 162 + 202 \\
 737 &:= 7^3 + 13^1 + 15^0 + 19^1 + 19^2 = 73 + 131 + 150 + 191 + 192 & 737 &:= 8^2 + 9^0 + 11^2 + 22^1 + 23^2 = 82 + 90 + 112 + 221 + 232 \\
 737 &:= 7^3 + 14^0 + 14^2 + 14^2 + 24^0 = 73 + 140 + 142 + 142 + 240 & 737 &:= 8^2 + 9^2 + 15^1 + 17^0 + 24^2 = 82 + 92 + 151 + 170 + 242 \\
 737 &:= 7^3 + 14^1 + 15^0 + 18^1 + 19^2 = 73 + 141 + 150 + 181 + 192 & 737 &:= 8^3 + 10^1 + 14^2 + 18^1 + 23^0 = 83 + 101 + 142 + 181 + 230 \\
 737 &:= 7^3 + 14^2 + 14^2 + 15^0 + 23^0 = 73 + 142 + 142 + 150 + 230 & 737 &:= 8^3 + 11^1 + 14^2 + 17^1 + 23^0 = 83 + 111 + 142 + 171 + 230 \\
 737 &:= 7^3 + 14^2 + 14^2 + 16^0 + 22^0 = 73 + 142 + 142 + 160 + 220 & 737 &:= 8^3 + 12^1 + 14^2 + 16^1 + 23^0 = 83 + 121 + 142 + 161 + 230 \\
 737 &:= 7^3 + 14^2 + 14^2 + 17^0 + 21^0 = 73 + 142 + 142 + 170 + 210 & 737 &:= 8^3 + 13^1 + 14^2 + 15^1 + 23^0 = 83 + 131 + 142 + 151 + 230 \\
 737 &:= 7^3 + 14^2 + 14^2 + 18^0 + 20^0 = 73 + 142 + 142 + 180 + 200 & 737 &:= 8^3 + 14^1 + 14^1 + 14^2 + 23^0 = 83 + 141 + 141 + 142 + 230 \\
 737 &:= 7^3 + 14^2 + 14^2 + 19^0 + 19^0 = 73 + 142 + 142 + 190 + 190 & 737 &:= 8^3 + 9^1 + 14^2 + 19^1 + 23^0 = 83 + 91 + 142 + 191 + 230 \\
 737 &:= 7^3 + 15^0 + 15^1 + 17^1 + 19^2 = 73 + 150 + 151 + 171 + 192 & 737 &:= 9^0 + 10^2 + 16^2 + 19^1 + 19^2 = 90 + 102 + 162 + 191 + 192 \\
 737 &:= 7^3 + 15^0 + 16^1 + 16^1 + 19^2 = 73 + 150 + 161 + 161 + 192 & 737 &:= 9^0 + 11^2 + 14^2 + 19^1 + 20^2 = 90 + 112 + 142 + 191 + 202 \\
 737 &:= 7^3 + 8^1 + 15^0 + 19^2 + 24^1 = 73 + 81 + 150 + 192 + 241 & 737 &:= 9^0 + 13^2 + 15^2 + 18^1 + 18^2 = 90 + 132 + 152 + 181 + 182 \\
 737 &:= 7^3 + 9^1 + 15^0 + 19^2 + 23^1 = 73 + 91 + 150 + 192 + 231 & 737 &:= 9^2 + 11^0 + 14^2 + 18^1 + 21^2 = 92 + 110 + 142 + 181 + 212 \\
 737 &:= 8^1 + 10^2 + 12^2 + 21^0 + 22^2 = 81 + 102 + 122 + 210 + 222 \\
 737 &:= 8^1 + 8^3 + 14^2 + 20^1 + 23^0 = 81 + 83 + 142 + 201 + 230
 \end{aligned}$$

2.2.639 Number 738

$$\begin{aligned}
 738 &:= 1^1 + 3^6 + 7^1 + 62^0 = 11 + 36 + 71 + 620 & 738 &:= 1^3 + 12^2 + 16^1 + 20^0 + 24^2 = 13 + 122 + 161 + 200 + 242 \\
 738 &:= 1^4 + 7^1 + 9^3 + 56^0 = 14 + 71 + 93 + 560 & 738 &:= 1^3 + 14^1 + 19^2 + 19^2 + 20^0 = 13 + 141 + 192 + 192 + 200 \\
 738 &:= 1^5 + 7^1 + 27^2 + 38^0 = 15 + 71 + 272 + 380 & 738 &:= 1^3 + 6^2 + 16^0 + 24^1 + 26^2 = 13 + 62 + 160 + 241 + 262 \\
 738 &:= 1^6 + 2^9 + 13^2 + 56^1 = 16 + 29 + 132 + 561 & 738 &:= 1^3 + 8^0 + 15^2 + 22^2 + 27^1 = 13 + 80 + 152 + 222 + 271 \\
 738 &:= 2^1 + 3^6 + 6^1 + 62^0 = 21 + 36 + 61 + 620 & 738 &:= 1^5 + 6^1 + 12^0 + 27^0 + 27^2 = 15 + 61 + 120 + 270 + 272 \\
 738 &:= 2^5 + 16^0 + 26^2 + 29^1 = 25 + 160 + 262 + 291 & 738 &:= 1^5 + 6^1 + 13^0 + 26^0 + 27^2 = 15 + 61 + 130 + 260 + 272 \\
 738 &:= 2^8 + 2^8 + 15^2 + 53^0 = 28 + 28 + 152 + 530 & 738 &:= 1^5 + 6^1 + 14^0 + 25^0 + 27^2 = 15 + 61 + 140 + 250 + 272 \\
 738 &:= 2^9 + 3^4 + 3^4 + 64^1 = 29 + 34 + 34 + 641 & 738 &:= 1^5 + 6^1 + 15^0 + 24^0 + 27^2 = 15 + 61 + 150 + 240 + 272 \\
 738 &:= 3^1 + 3^6 + 5^1 + 62^0 = 31 + 36 + 51 + 620 & 738 &:= 1^5 + 6^1 + 16^0 + 23^0 + 27^2 = 15 + 61 + 160 + 230 + 272 \\
 738 &:= 3^2 + 6^3 + 8^3 + 56^0 = 32 + 63 + 83 + 560 & 738 &:= 1^5 + 6^1 + 17^0 + 22^0 + 27^2 = 15 + 61 + 170 + 220 + 272 \\
 738 &:= 3^4 + 16^2 + 20^2 + 34^0 = 34 + 162 + 202 + 340 & 738 &:= 1^5 + 6^1 + 18^0 + 21^0 + 27^2 = 15 + 61 + 180 + 210 + 272 \\
 738 &:= 3^5 + 10^1 + 22^2 + 38^0 = 35 + 101 + 222 + 380 & 738 &:= 1^5 + 6^1 + 19^0 + 20^0 + 27^2 = 15 + 61 + 190 + 200 + 272 \\
 738 &:= 3^6 + 4^1 + 4^1 + 62^0 = 36 + 41 + 41 + 620 & 738 &:= 10^2 + 12^2 + 13^2 + 18^2 + 20^0 = 102 + 122 + 132 + 182 + 200 \\
 738 &:= 4^3 + 5^4 + 16^0 + 48^1 = 43 + 54 + 160 + 481 & 738 &:= 2^2 + 8^3 + 14^2 + 24^0 + 25^1 = 22 + 83 + 142 + 240 + 251 \\
 738 &:= 4^4 + 15^2 + 16^2 + 38^0 = 44 + 152 + 162 + 380 & 738 &:= 2^3 + 14^0 + 15^2 + 20^1 + 22^2 = 23 + 140 + 152 + 201 + 222 \\
 738 &:= 4^4 + 9^2 + 20^2 + 40^0 = 44 + 92 + 202 + 400 & 738 &:= 2^3 + 6^2 + 17^1 + 22^0 + 26^2 = 23 + 62 + 171 + 220 + 262 \\
 738 &:= 5^3 + 8^3 + 10^2 + 50^0 = 53 + 83 + 102 + 500 & 738 &:= 2^3 + 7^1 + 19^2 + 19^2 + 26^0 = 23 + 71 + 192 + 192 + 260 \\
 738 &:= 1^3 + 10^2 + 11^1 + 25^2 + 26^0 = 13 + 102 + 111 + 252 + 260 & 738 &:= 2^3 + 9^1 + 12^2 + 24^2 + 26^0 = 23 + 91 + 122 + 242 + 260 \\
 738 &:= 1^3 + 11^1 + 14^2 + 23^2 + 24^0 = 13 + 111 + 142 + 232 + 240 & 738 &:= 2^3 + 9^2 + 14^0 + 23^1 + 25^2 = 23 + 92 + 140 + 231 + 252 \\
 738 &:= 1^3 + 12^1 + 18^2 + 20^2 + 22^0 = 13 + 121 + 182 + 202 + 220 & 738 &:= 2^4 + 10^0 + 12^2 + 24^2 + 25^0 = 24 + 100 + 122 + 242 + 250
 \end{aligned}$$

$$\begin{aligned} 738 &:= 2^4 + 11^0 + 12^2 + 24^0 + 24^2 = 24 + 110 + 122 + 240 + 242 & 738 &:= 3^5 + 9^1 + 18^0 + 21^0 + 22^2 = 35 + 91 + 180 + 210 + 222 \\ 738 &:= 2^4 + 12^0 + 12^2 + 23^0 + 24^2 = 24 + 120 + 122 + 230 + 242 & 738 &:= 3^5 + 9^1 + 19^0 + 20^0 + 22^2 = 35 + 91 + 190 + 200 + 222 \\ 738 &:= 2^4 + 12^2 + 13^0 + 22^0 + 24^2 = 24 + 122 + 130 + 220 + 242 & 738 &:= 4^2 + 5^3 + 20^0 + 20^1 + 24^2 = 42 + 53 + 200 + 201 + 242 \\ 738 &:= 2^4 + 12^2 + 14^0 + 21^0 + 24^2 = 24 + 122 + 140 + 210 + 242 & 738 &:= 4^2 + 6^2 + 18^2 + 19^2 + 26^0 = 42 + 62 + 182 + 192 + 260 \\ 738 &:= 2^4 + 12^2 + 15^0 + 20^0 + 24^2 = 24 + 122 + 150 + 200 + 242 & 738 &:= 4^2 + 6^3 + 20^0 + 21^1 + 22^2 = 42 + 63 + 200 + 211 + 222 \\ 738 &:= 2^4 + 12^2 + 16^0 + 19^0 + 24^2 = 24 + 122 + 160 + 190 + 242 & 738 &:= 4^2 + 7^3 + 17^1 + 19^2 + 26^0 = 42 + 73 + 171 + 192 + 260 \\ 738 &:= 2^4 + 12^2 + 17^0 + 18^0 + 24^2 = 24 + 122 + 170 + 180 + 242 & 738 &:= 4^3 + 10^0 + 17^2 + 19^2 + 23^1 = 43 + 100 + 172 + 192 + 231 \\ 738 &:= 2^4 + 8^0 + 12^2 + 24^2 + 27^0 = 24 + 80 + 122 + 242 + 270 & 738 &:= 4^3 + 11^2 + 12^0 + 23^1 + 23^2 = 43 + 112 + 120 + 231 + 232 \\ 738 &:= 2^4 + 9^0 + 12^2 + 24^2 + 26^0 = 24 + 90 + 122 + 242 + 260 & 738 &:= 4^3 + 13^2 + 14^0 + 20^1 + 22^2 = 43 + 132 + 140 + 201 + 222 \\ 738 &:= 3^2 + 10^2 + 12^2 + 22^2 + 26^0 = 32 + 102 + 122 + 222 + 260 & 738 &:= 4^3 + 16^0 + 16^2 + 17^1 + 20^2 = 43 + 160 + 162 + 171 + 202 \\ 738 &:= 3^2 + 3^3 + 16^0 + 25^1 + 26^2 = 32 + 33 + 160 + 251 + 262 & 738 &:= 4^3 + 5^2 + 16^0 + 23^1 + 25^2 = 43 + 52 + 160 + 231 + 252 \\ 738 &:= 3^2 + 5^3 + 14^0 + 24^2 + 27^1 = 32 + 53 + 140 + 242 + 271 & 738 &:= 4^3 + 6^2 + 12^1 + 25^2 + 26^0 = 43 + 62 + 121 + 252 + 260 \\ 738 &:= 3^2 + 7^3 + 19^2 + 20^0 + 24^1 = 32 + 73 + 192 + 200 + 241 & 738 &:= 4^3 + 7^1 + 15^2 + 21^2 + 26^0 = 43 + 71 + 152 + 212 + 260 \\ 738 &:= 3^3 + 11^2 + 13^1 + 22^0 + 24^2 = 33 + 112 + 131 + 220 + 242 & 738 &:= 4^3 + 8^0 + 18^2 + 18^2 + 25^1 = 43 + 80 + 182 + 182 + 251 \\ 738 &:= 3^3 + 12^0 + 17^2 + 20^2 + 21^1 = 33 + 120 + 172 + 202 + 211 & 738 &:= 4^3 + 9^2 + 16^1 + 20^0 + 24^2 = 43 + 92 + 161 + 200 + 242 \\ 738 &:= 3^3 + 12^1 + 13^2 + 22^0 + 23^2 = 33 + 121 + 132 + 220 + 232 & 738 &:= 4^4 + 8^0 + 13^1 + 21^2 + 27^1 = 44 + 80 + 131 + 212 + 271 \\ 738 &:= 3^3 + 13^1 + 16^2 + 20^0 + 21^2 = 33 + 131 + 162 + 200 + 212 & 738 &:= 4^4 + 8^0 + 14^1 + 21^2 + 26^1 = 44 + 80 + 141 + 212 + 261 \\ 738 &:= 3^3 + 4^2 + 18^1 + 22^0 + 26^2 = 33 + 42 + 181 + 220 + 262 & 738 &:= 4^4 + 8^0 + 15^1 + 21^2 + 25^1 = 44 + 80 + 151 + 212 + 251 \\ 738 &:= 3^3 + 8^0 + 18^2 + 19^2 + 25^1 = 33 + 80 + 182 + 192 + 251 & 738 &:= 4^4 + 8^0 + 16^1 + 21^2 + 24^1 = 44 + 80 + 161 + 212 + 241 \\ 738 &:= 3^3 + 8^2 + 16^0 + 21^1 + 25^2 = 33 + 82 + 160 + 211 + 252 & 738 &:= 4^4 + 8^0 + 17^1 + 21^2 + 23^1 = 44 + 80 + 171 + 212 + 231 \\ 738 &:= 3^4 + 10^1 + 14^0 + 21^1 + 25^2 = 34 + 101 + 140 + 211 + 252 & 738 &:= 4^4 + 8^0 + 18^1 + 21^2 + 22^1 = 44 + 80 + 181 + 212 + 221 \\ 738 &:= 3^4 + 11^1 + 14^0 + 20^1 + 25^2 = 34 + 111 + 140 + 201 + 252 & 738 &:= 4^4 + 8^0 + 19^1 + 21^1 + 21^2 = 44 + 80 + 191 + 211 + 212 \\ 738 &:= 3^4 + 12^1 + 14^0 + 19^1 + 25^2 = 34 + 121 + 140 + 191 + 252 & 738 &:= 4^4 + 8^0 + 20^1 + 20^1 + 21^2 = 44 + 80 + 201 + 201 + 212 \\ 738 &:= 3^4 + 13^1 + 14^0 + 18^1 + 25^2 = 34 + 131 + 140 + 181 + 252 & 738 &:= 5^2 + 8^2 + 18^2 + 18^2 + 24^0 = 52 + 82 + 182 + 182 + 240 \\ 738 &:= 3^4 + 14^0 + 14^1 + 17^1 + 25^2 = 34 + 140 + 141 + 171 + 252 & 738 &:= 5^3 + 14^2 + 16^1 + 18^0 + 20^2 = 53 + 142 + 161 + 180 + 202 \\ 738 &:= 3^4 + 14^0 + 15^1 + 16^1 + 25^2 = 34 + 140 + 151 + 161 + 252 & 738 &:= 5^3 + 8^0 + 12^2 + 21^2 + 27^1 = 53 + 80 + 122 + 212 + 271 \\ 738 &:= 3^4 + 4^1 + 14^0 + 25^2 + 27^1 = 34 + 41 + 140 + 252 + 271 & 738 &:= 5^3 + 8^0 + 15^2 + 19^2 + 26^1 = 53 + 80 + 152 + 192 + 261 \\ 738 &:= 3^4 + 5^1 + 14^0 + 25^2 + 26^1 = 34 + 51 + 140 + 252 + 261 & 738 &:= 5^3 + 8^2 + 18^0 + 19^1 + 23^2 = 53 + 82 + 180 + 191 + 232 \\ 738 &:= 3^4 + 6^1 + 14^0 + 25^1 + 25^2 = 34 + 61 + 140 + 251 + 252 & 738 &:= 5^4 + 8^2 + 12^0 + 21^1 + 27^1 = 54 + 82 + 120 + 211 + 271 \\ 738 &:= 3^4 + 7^1 + 14^0 + 24^1 + 25^2 = 34 + 71 + 140 + 241 + 252 & 738 &:= 5^4 + 8^2 + 12^0 + 22^1 + 26^1 = 54 + 82 + 120 + 221 + 261 \\ 738 &:= 3^4 + 8^1 + 14^0 + 23^1 + 25^2 = 34 + 81 + 140 + 231 + 252 & 738 &:= 5^4 + 8^2 + 12^0 + 23^1 + 25^1 = 54 + 82 + 120 + 231 + 251 \\ 738 &:= 3^4 + 9^1 + 14^0 + 22^1 + 25^2 = 34 + 91 + 140 + 221 + 252 & 738 &:= 5^4 + 8^2 + 12^0 + 24^1 + 24^1 = 54 + 82 + 120 + 241 + 241 \\ 738 &:= 3^5 + 9^1 + 12^0 + 22^2 + 27^0 = 35 + 91 + 120 + 222 + 270 & 738 &:= 6^2 + 11^2 + 16^2 + 18^2 + 22^0 = 62 + 112 + 162 + 182 + 220 \\ 738 &:= 3^5 + 9^1 + 13^0 + 22^2 + 26^0 = 35 + 91 + 130 + 222 + 260 & 738 &:= 6^2 + 12^2 + 14^2 + 19^2 + 22^0 = 62 + 122 + 142 + 192 + 220 \\ 738 &:= 3^5 + 9^1 + 14^0 + 22^2 + 25^0 = 35 + 91 + 140 + 222 + 250 & 738 &:= 6^2 + 8^2 + 14^2 + 21^2 + 24^0 = 62 + 82 + 142 + 212 + 240 \\ 738 &:= 3^5 + 9^1 + 15^0 + 22^2 + 24^0 = 35 + 91 + 150 + 222 + 240 & 738 &:= 6^2 + 8^3 + 13^2 + 20^1 + 26^0 = 62 + 83 + 132 + 201 + 260 \\ 738 &:= 3^5 + 9^1 + 16^0 + 22^2 + 23^0 = 35 + 91 + 160 + 222 + 230 & 738 &:= 6^3 + 10^2 + 16^0 + 20^2 + 21^1 = 63 + 102 + 160 + 202 + 211 \\ 738 &:= 3^5 + 9^1 + 17^0 + 22^0 + 22^2 = 35 + 91 + 170 + 220 + 222 & 738 &:= 6^3 + 12^2 + 16^1 + 19^2 + 20^0 = 63 + 122 + 161 + 192 + 200 \end{aligned}$$

$$\begin{aligned}
 738 &:= 6^3 + 8^2 + 16^1 + 21^2 + 22^0 = 63 + 82 + 161 + 212 + 220 & 738 &:= 7^3 + 7^3 + 8^0 + 25^1 + 26^1 = 73 + 73 + 80 + 251 + 261 \\
 738 &:= 6^3 + 9^1 + 16^2 + 16^2 + 26^0 = 63 + 91 + 162 + 162 + 260 & 738 &:= 7^3 + 9^2 + 16^0 + 17^2 + 24^1 = 73 + 92 + 160 + 172 + 241 \\
 738 &:= 7^2 + 12^2 + 12^2 + 20^2 + 22^0 = 72 + 122 + 122 + 202 + 220 & 738 &:= 8^3 + 10^2 + 10^2 + 20^0 + 25^1 = 83 + 102 + 102 + 200 + 251 \\
 738 &:= 7^2 + 7^3 + 18^2 + 20^0 + 21^1 = 72 + 73 + 182 + 200 + 211 & 738 &:= 8^3 + 9^2 + 11^2 + 22^0 + 23^1 = 83 + 92 + 112 + 220 + 231 \\
 738 &:= 7^3 + 11^2 + 16^2 + 17^1 + 22^0 = 73 + 112 + 162 + 171 + 220 & 738 &:= 9^2 + 12^2 + 16^2 + 16^2 + 20^0 = 92 + 122 + 162 + 162 + 200 \\
 738 &:= 7^3 + 12^2 + 14^0 + 15^2 + 25^1 = 73 + 122 + 140 + 152 + 251 \\
 738 &:= 7^3 + 7^3 + 8^0 + 24^1 + 27^1 = 73 + 73 + 80 + 241 + 271
 \end{aligned}$$

2.2.640 Number 739

$$\begin{aligned}
 739 &:= 1^0 + 2^3 + 3^6 + 67^0 = 10 + 23 + 36 + 670 & 739 &:= 2^3 + 3^6 + 27^0 + 41^0 = 23 + 36 + 270 + 410 \\
 739 &:= 1^2 + 3^6 + 8^1 + 61^0 = 12 + 36 + 81 + 610 & 739 &:= 2^3 + 3^6 + 28^0 + 40^0 = 23 + 36 + 280 + 400 \\
 739 &:= 1^3 + 2^3 + 9^3 + 61^0 = 13 + 23 + 93 + 610 & 739 &:= 2^3 + 3^6 + 29^0 + 39^0 = 23 + 36 + 290 + 390 \\
 739 &:= 1^4 + 2^3 + 27^2 + 43^0 = 14 + 23 + 272 + 430 & 739 &:= 2^3 + 3^6 + 30^0 + 38^0 = 23 + 36 + 300 + 380 \\
 739 &:= 1^4 + 8^3 + 15^2 + 49^0 = 14 + 83 + 152 + 490 & 739 &:= 2^3 + 3^6 + 31^0 + 37^0 = 23 + 36 + 310 + 370 \\
 739 &:= 1^5 + 8^1 + 9^3 + 55^0 = 15 + 81 + 93 + 550 & 739 &:= 2^3 + 3^6 + 32^0 + 36^0 = 23 + 36 + 320 + 360 \\
 739 &:= 1^6 + 8^1 + 27^2 + 37^0 = 16 + 81 + 272 + 370 & 739 &:= 2^3 + 3^6 + 33^0 + 35^0 = 23 + 36 + 330 + 350 \\
 739 &:= 1^8 + 2^9 + 15^2 + 54^0 = 18 + 29 + 152 + 540 & 739 &:= 2^3 + 3^6 + 34^0 + 34^0 = 23 + 36 + 340 + 340 \\
 739 &:= 2^0 + 2^3 + 3^6 + 66^0 = 20 + 23 + 36 + 660 & 739 &:= 2^3 + 3^6 + 4^0 + 64^0 = 23 + 36 + 40 + 640 \\
 739 &:= 2^2 + 2^4 + 26^2 + 43^1 = 22 + 24 + 262 + 431 & 739 &:= 2^3 + 3^6 + 5^0 + 63^0 = 23 + 36 + 50 + 630 \\
 739 &:= 2^2 + 3^6 + 5^1 + 63^0 = 22 + 36 + 51 + 630 & 739 &:= 2^3 + 3^6 + 6^0 + 62^0 = 23 + 36 + 60 + 620 \\
 739 &:= 2^3 + 3^0 + 3^6 + 65^0 = 23 + 30 + 36 + 650 & 739 &:= 2^3 + 3^6 + 7^0 + 61^0 = 23 + 36 + 70 + 610 \\
 739 &:= 2^3 + 3^6 + 10^0 + 58^0 = 23 + 36 + 100 + 580 & 739 &:= 2^3 + 3^6 + 8^0 + 60^0 = 23 + 36 + 80 + 600 \\
 739 &:= 2^3 + 3^6 + 11^0 + 57^0 = 23 + 36 + 110 + 570 & 739 &:= 2^3 + 3^6 + 9^0 + 59^0 = 23 + 36 + 90 + 590 \\
 739 &:= 2^3 + 3^6 + 12^0 + 56^0 = 23 + 36 + 120 + 560 & 739 &:= 2^3 + 4^3 + 25^2 + 42^1 = 23 + 43 + 252 + 421 \\
 739 &:= 2^3 + 3^6 + 13^0 + 55^0 = 23 + 36 + 130 + 550 & 739 &:= 2^3 + 8^3 + 13^2 + 50^1 = 23 + 83 + 132 + 501 \\
 739 &:= 2^3 + 3^6 + 14^0 + 54^0 = 23 + 36 + 140 + 540 & 739 &:= 2^4 + 17^2 + 20^2 + 34^1 = 24 + 172 + 202 + 341 \\
 739 &:= 2^3 + 3^6 + 15^0 + 53^0 = 23 + 36 + 150 + 530 & 739 &:= 2^5 + 9^2 + 25^2 + 37^0 = 25 + 92 + 252 + 370 \\
 739 &:= 2^3 + 3^6 + 16^0 + 52^0 = 23 + 36 + 160 + 520 & 739 &:= 3^3 + 7^3 + 18^2 + 45^1 = 33 + 73 + 182 + 451 \\
 739 &:= 2^3 + 3^6 + 17^0 + 51^0 = 23 + 36 + 170 + 510 & 739 &:= 3^4 + 5^4 + 32^1 + 33^0 = 34 + 54 + 321 + 330 \\
 739 &:= 2^3 + 3^6 + 18^0 + 50^0 = 23 + 36 + 180 + 500 & 739 &:= 3^4 + 6^3 + 21^2 + 43^0 = 34 + 63 + 212 + 430 \\
 739 &:= 2^3 + 3^6 + 19^0 + 49^0 = 23 + 36 + 190 + 490 & 739 &:= 4^3 + 5^4 + 7^2 + 57^0 = 43 + 54 + 72 + 570 \\
 739 &:= 2^3 + 3^6 + 20^0 + 48^0 = 23 + 36 + 200 + 480 & 739 &:= 4^4 + 9^2 + 19^2 + 41^1 = 44 + 92 + 192 + 411 \\
 739 &:= 2^3 + 3^6 + 21^0 + 47^0 = 23 + 36 + 210 + 470 & 739 &:= 5^3 + 7^2 + 8^3 + 53^1 = 53 + 72 + 83 + 531 \\
 739 &:= 2^3 + 3^6 + 22^0 + 46^0 = 23 + 36 + 220 + 460 & 739 &:= 5^3 + 7^3 + 15^2 + 46^1 = 53 + 73 + 152 + 461 \\
 739 &:= 2^3 + 3^6 + 23^0 + 45^0 = 23 + 36 + 230 + 450 & 739 &:= 1^3 + 10^2 + 14^2 + 21^2 + 27^0 = 13 + 102 + 142 + 212 + 270 \\
 739 &:= 2^3 + 3^6 + 24^0 + 44^0 = 23 + 36 + 240 + 440 & 739 &:= 1^3 + 15^2 + 16^2 + 16^2 + 25^0 = 13 + 152 + 162 + 162 + 250 \\
 739 &:= 2^3 + 3^6 + 25^0 + 43^0 = 23 + 36 + 250 + 430 & 739 &:= 1^3 + 9^2 + 16^2 + 20^2 + 27^0 = 13 + 92 + 162 + 202 + 270 \\
 739 &:= 2^3 + 3^6 + 26^0 + 42^0 = 23 + 36 + 260 + 420 & 739 &:= 1^4 + 10^2 + 12^1 + 25^0 + 25^2 = 14 + 102 + 121 + 250 + 252
 \end{aligned}$$

$$\begin{aligned} 739 &:= 1^4 + 12^1 + 14^2 + 23^0 + 23^2 = 14 + 121 + 142 + 230 + 232 & 739 &:= 2^4 + 9^0 + 16^2 + 21^2 + 25^1 = 24 + 90 + 162 + 212 + 251 \\ 739 &:= 1^4 + 12^2 + 17^1 + 19^0 + 24^2 = 14 + 122 + 171 + 190 + 242 & 739 &:= 2^4 + 9^2 + 16^1 + 21^0 + 25^2 = 24 + 92 + 161 + 210 + 252 \\ 739 &:= 1^4 + 13^1 + 18^2 + 20^2 + 21^0 = 14 + 131 + 182 + 202 + 210 & 739 &:= 2^5 + 10^1 + 15^0 + 20^1 + 26^2 = 25 + 101 + 150 + 201 + 262 \\ 739 &:= 1^4 + 15^1 + 19^0 + 19^2 + 19^2 = 14 + 151 + 190 + 192 + 192 & 739 &:= 2^5 + 11^1 + 15^0 + 19^1 + 26^2 = 25 + 111 + 150 + 191 + 262 \\ 739 &:= 1^4 + 6^2 + 15^0 + 25^1 + 26^2 = 14 + 62 + 150 + 251 + 262 & 739 &:= 2^5 + 12^1 + 15^0 + 18^1 + 26^2 = 25 + 121 + 150 + 181 + 262 \\ 739 &:= 1^4 + 7^1 + 17^2 + 21^2 + 27^0 = 14 + 71 + 172 + 212 + 270 & 739 &:= 2^5 + 13^1 + 15^0 + 17^1 + 26^2 = 25 + 131 + 150 + 171 + 262 \\ 739 &:= 1^4 + 7^2 + 12^1 + 26^2 + 27^0 = 14 + 72 + 121 + 262 + 270 & 739 &:= 2^5 + 14^1 + 15^0 + 16^1 + 26^2 = 25 + 141 + 150 + 161 + 262 \\ 739 &:= 1^6 + 7^1 + 11^0 + 27^0 + 27^2 = 16 + 71 + 110 + 270 + 272 & 739 &:= 2^5 + 15^0 + 15^1 + 15^1 + 26^2 = 25 + 150 + 151 + 151 + 262 \\ 739 &:= 1^6 + 7^1 + 12^0 + 26^0 + 27^2 = 16 + 71 + 120 + 260 + 272 & 739 &:= 2^5 + 3^1 + 15^0 + 26^2 + 27^1 = 25 + 31 + 150 + 262 + 271 \\ 739 &:= 1^6 + 7^1 + 13^0 + 25^0 + 27^2 = 16 + 71 + 130 + 250 + 272 & 739 &:= 2^5 + 4^1 + 15^0 + 26^1 + 26^2 = 25 + 41 + 150 + 261 + 262 \\ 739 &:= 1^6 + 7^1 + 14^0 + 24^0 + 27^2 = 16 + 71 + 140 + 240 + 272 & 739 &:= 2^5 + 5^1 + 15^0 + 25^1 + 26^2 = 25 + 51 + 150 + 251 + 262 \\ 739 &:= 1^6 + 7^1 + 15^0 + 23^0 + 27^2 = 16 + 71 + 150 + 230 + 272 & 739 &:= 2^5 + 6^1 + 15^0 + 24^1 + 26^2 = 25 + 61 + 150 + 241 + 262 \\ 739 &:= 1^6 + 7^1 + 16^0 + 22^0 + 27^2 = 16 + 71 + 160 + 220 + 272 & 739 &:= 2^5 + 7^1 + 15^0 + 23^1 + 26^2 = 25 + 71 + 150 + 231 + 262 \\ 739 &:= 1^6 + 7^1 + 17^0 + 21^0 + 27^2 = 16 + 71 + 170 + 210 + 272 & 739 &:= 2^5 + 8^1 + 15^0 + 22^1 + 26^2 = 25 + 81 + 150 + 221 + 262 \\ 739 &:= 1^6 + 7^1 + 18^0 + 20^0 + 27^2 = 16 + 71 + 180 + 200 + 272 & 739 &:= 2^5 + 9^1 + 15^0 + 21^1 + 26^2 = 25 + 91 + 150 + 211 + 262 \\ 739 &:= 1^6 + 7^1 + 19^0 + 19^0 + 27^2 = 16 + 71 + 190 + 190 + 272 & 739 &:= 3^2 + 15^2 + 15^2 + 16^2 + 24^1 = 32 + 152 + 152 + 162 + 241 \\ 739 &:= 10^2 + 13^2 + 15^2 + 15^2 + 20^1 = 102 + 132 + 152 + 152 + 201 & 739 &:= 3^2 + 3^4 + 19^0 + 23^1 + 25^2 = 32 + 34 + 190 + 231 + 252 \\ 739 &:= 2^2 + 14^2 + 15^2 + 17^2 + 25^1 = 22 + 142 + 152 + 172 + 251 & 739 &:= 3^2 + 4^3 + 14^1 + 25^2 + 27^1 = 32 + 43 + 141 + 252 + 271 \\ 739 &:= 2^3 + 10^1 + 16^2 + 21^2 + 24^1 = 23 + 101 + 162 + 212 + 241 & 739 &:= 3^2 + 4^3 + 15^1 + 25^2 + 26^1 = 32 + 43 + 151 + 252 + 261 \\ 739 &:= 2^3 + 11^1 + 16^2 + 21^2 + 23^1 = 23 + 111 + 162 + 212 + 231 & 739 &:= 3^2 + 4^3 + 16^1 + 25^1 + 25^2 = 32 + 43 + 161 + 251 + 252 \\ 739 &:= 2^3 + 12^1 + 16^2 + 21^2 + 22^1 = 23 + 121 + 162 + 212 + 221 & 739 &:= 3^2 + 4^3 + 17^1 + 24^1 + 25^2 = 32 + 43 + 171 + 241 + 252 \\ 739 &:= 2^3 + 12^2 + 15^2 + 19^2 + 25^0 = 23 + 122 + 152 + 192 + 250 & 739 &:= 3^2 + 4^3 + 18^1 + 23^1 + 25^2 = 32 + 43 + 181 + 231 + 252 \\ 739 &:= 2^3 + 13^1 + 16^2 + 21^1 + 21^2 = 23 + 131 + 162 + 211 + 212 & 739 &:= 3^2 + 4^3 + 19^1 + 22^1 + 25^2 = 32 + 43 + 191 + 221 + 252 \\ 739 &:= 2^3 + 14^1 + 16^2 + 20^1 + 21^2 = 23 + 141 + 162 + 201 + 212 & 739 &:= 3^2 + 4^3 + 20^1 + 21^1 + 25^2 = 32 + 43 + 201 + 211 + 252 \\ 739 &:= 2^3 + 15^1 + 16^2 + 19^1 + 21^2 = 23 + 151 + 162 + 191 + 212 & 739 &:= 3^2 + 8^3 + 13^2 + 22^1 + 27^1 = 32 + 83 + 132 + 221 + 271 \\ 739 &:= 2^3 + 16^1 + 16^2 + 18^1 + 21^2 = 23 + 161 + 162 + 181 + 212 & 739 &:= 3^2 + 8^3 + 13^2 + 23^1 + 26^1 = 32 + 83 + 132 + 231 + 261 \\ 739 &:= 2^3 + 16^2 + 17^1 + 17^1 + 21^2 = 23 + 162 + 171 + 171 + 212 & 739 &:= 3^2 + 8^3 + 13^2 + 24^1 + 25^1 = 32 + 83 + 132 + 241 + 251 \\ 739 &:= 2^3 + 3^3 + 15^0 + 26^2 + 27^1 = 23 + 33 + 150 + 262 + 271 & 739 &:= 3^3 + 10^1 + 10^2 + 24^2 + 26^1 = 33 + 101 + 102 + 242 + 261 \\ 739 &:= 2^3 + 7^1 + 16^2 + 21^2 + 27^1 = 23 + 71 + 162 + 212 + 271 & 739 &:= 3^3 + 10^2 + 11^1 + 24^2 + 25^1 = 33 + 102 + 111 + 242 + 251 \\ 739 &:= 2^3 + 7^3 + 19^0 + 19^2 + 26^1 = 23 + 73 + 190 + 192 + 261 & 739 &:= 3^3 + 10^2 + 12^1 + 24^1 + 24^2 = 33 + 102 + 121 + 241 + 242 \\ 739 &:= 2^3 + 8^1 + 16^2 + 21^2 + 26^1 = 23 + 81 + 162 + 212 + 261 & 739 &:= 3^3 + 10^2 + 13^1 + 23^1 + 24^2 = 33 + 102 + 131 + 231 + 242 \\ 739 &:= 2^3 + 8^2 + 15^2 + 21^2 + 27^0 = 23 + 82 + 152 + 212 + 270 & 739 &:= 3^3 + 10^2 + 14^1 + 22^1 + 24^2 = 33 + 102 + 141 + 221 + 242 \\ 739 &:= 2^3 + 8^3 + 14^2 + 22^1 + 27^0 = 23 + 83 + 142 + 221 + 270 & 739 &:= 3^3 + 10^2 + 15^1 + 21^1 + 24^2 = 33 + 102 + 151 + 211 + 242 \\ 739 &:= 2^3 + 9^1 + 16^2 + 21^2 + 25^1 = 23 + 91 + 162 + 212 + 251 & 739 &:= 3^3 + 10^2 + 16^1 + 20^1 + 24^2 = 33 + 102 + 161 + 201 + 242 \\ 739 &:= 2^4 + 11^0 + 11^2 + 24^2 + 25^1 = 24 + 110 + 112 + 242 + 251 & 739 &:= 3^3 + 10^2 + 17^1 + 19^1 + 24^2 = 33 + 102 + 171 + 191 + 242 \\ 739 &:= 2^4 + 11^0 + 13^2 + 23^2 + 24^1 = 24 + 110 + 132 + 232 + 241 & 739 &:= 3^3 + 10^2 + 18^1 + 18^1 + 24^2 = 33 + 102 + 181 + 181 + 242 \\ 739 &:= 2^4 + 13^1 + 15^2 + 21^0 + 22^2 = 24 + 131 + 152 + 210 + 222 & 739 &:= 3^3 + 4^3 + 19^0 + 22^1 + 25^2 = 33 + 43 + 190 + 221 + 252 \\ 739 &:= 2^4 + 5^2 + 19^0 + 21^1 + 26^2 = 24 + 52 + 190 + 211 + 262 & 739 &:= 3^3 + 7^2 + 11^1 + 25^2 + 27^1 = 33 + 72 + 111 + 252 + 271 \end{aligned}$$

$$\begin{aligned} 739 &:= 3^3 + 7^2 + 12^1 + 25^2 + 26^1 = 33 + 72 + 121 + 252 + 261 & 739 &:= 5^3 + 10^1 + 16^2 + 18^2 + 24^1 = 53 + 101 + 162 + 182 + 241 \\ 739 &:= 3^3 + 7^2 + 13^1 + 25^1 + 25^2 = 33 + 72 + 131 + 251 + 252 & 739 &:= 5^3 + 11^1 + 16^2 + 18^2 + 23^1 = 53 + 111 + 162 + 182 + 231 \\ 739 &:= 3^3 + 7^2 + 14^1 + 24^1 + 25^2 = 33 + 72 + 141 + 241 + 252 & 739 &:= 5^3 + 12^1 + 16^2 + 18^2 + 22^1 = 53 + 121 + 162 + 182 + 221 \\ 739 &:= 3^3 + 7^2 + 15^1 + 23^1 + 25^2 = 33 + 72 + 151 + 231 + 252 & 739 &:= 5^3 + 13^1 + 16^2 + 18^2 + 21^1 = 53 + 131 + 162 + 182 + 211 \\ 739 &:= 3^3 + 7^2 + 16^1 + 22^1 + 25^2 = 33 + 72 + 161 + 221 + 252 & 739 &:= 5^3 + 14^1 + 16^2 + 18^2 + 20^1 = 53 + 141 + 162 + 182 + 201 \\ 739 &:= 3^3 + 7^2 + 17^1 + 21^1 + 25^2 = 33 + 72 + 171 + 211 + 252 & 739 &:= 5^3 + 15^1 + 16^2 + 18^2 + 19^1 = 53 + 151 + 162 + 182 + 191 \\ 739 &:= 3^3 + 7^2 + 18^1 + 20^1 + 25^2 = 33 + 72 + 181 + 201 + 252 & 739 &:= 5^3 + 16^1 + 16^2 + 18^1 + 18^2 = 53 + 161 + 162 + 181 + 182 \\ 739 &:= 3^3 + 7^2 + 19^1 + 19^1 + 25^2 = 33 + 72 + 191 + 191 + 252 & 739 &:= 5^3 + 16^2 + 17^1 + 17^1 + 18^2 = 53 + 162 + 171 + 171 + 182 \\ 739 &:= 3^3 + 9^1 + 10^2 + 24^2 + 27^1 = 33 + 91 + 102 + 242 + 271 & 739 &:= 5^3 + 7^1 + 16^2 + 18^2 + 27^1 = 53 + 71 + 162 + 182 + 271 \\ 739 &:= 3^4 + 14^2 + 15^0 + 20^1 + 21^2 = 34 + 142 + 150 + 201 + 212 & 739 &:= 5^3 + 8^1 + 16^2 + 18^2 + 26^1 = 53 + 81 + 162 + 182 + 261 \\ 739 &:= 3^4 + 4^2 + 16^1 + 25^0 + 25^2 = 34 + 42 + 161 + 250 + 252 & 739 &:= 5^3 + 8^2 + 15^2 + 18^2 + 27^0 = 53 + 82 + 152 + 182 + 270 \\ 739 &:= 3^4 + 7^1 + 17^2 + 19^2 + 27^0 = 34 + 71 + 172 + 192 + 270 & 739 &:= 5^3 + 9^1 + 16^2 + 18^2 + 25^1 = 53 + 91 + 162 + 182 + 251 \\ 739 &:= 3^4 + 8^2 + 17^1 + 21^0 + 24^2 = 34 + 82 + 171 + 210 + 242 & 739 &:= 6^2 + 10^2 + 16^2 + 18^2 + 23^1 = 62 + 102 + 162 + 182 + 231 \\ 739 &:= 3^4 + 8^3 + 12^2 + 23^0 + 27^0 = 34 + 83 + 122 + 230 + 270 & 739 &:= 6^2 + 13^2 + 16^2 + 16^2 + 22^1 = 62 + 132 + 162 + 162 + 221 \\ 739 &:= 3^4 + 8^3 + 12^2 + 24^0 + 26^0 = 34 + 83 + 122 + 240 + 260 & 739 &:= 6^2 + 14^2 + 14^2 + 17^2 + 22^1 = 62 + 142 + 142 + 172 + 221 \\ 739 &:= 3^4 + 8^3 + 12^2 + 25^0 + 25^0 = 34 + 83 + 122 + 250 + 250 & 739 &:= 6^2 + 7^2 + 12^2 + 22^2 + 26^1 = 62 + 72 + 122 + 222 + 261 \\ 739 &:= 3^4 + 9^1 + 18^2 + 18^2 + 25^0 = 34 + 91 + 182 + 182 + 250 & 739 &:= 6^2 + 8^3 + 12^2 + 20^1 + 27^1 = 62 + 83 + 122 + 201 + 271 \\ 739 &:= 4^2 + 11^2 + 17^2 + 17^2 + 24^1 = 42 + 112 + 172 + 172 + 241 & 739 &:= 6^2 + 8^3 + 12^2 + 21^1 + 26^1 = 62 + 83 + 122 + 211 + 261 \\ 739 &:= 4^2 + 13^2 + 13^2 + 19^2 + 24^1 = 42 + 132 + 132 + 192 + 241 & 739 &:= 6^2 + 8^3 + 12^2 + 22^1 + 25^1 = 62 + 83 + 122 + 221 + 251 \\ 739 &:= 4^2 + 4^4 + 19^0 + 21^2 + 25^1 = 42 + 44 + 190 + 212 + 251 & 739 &:= 6^2 + 8^3 + 12^2 + 23^1 + 24^1 = 62 + 83 + 122 + 231 + 241 \\ 739 &:= 4^2 + 7^2 + 18^2 + 18^2 + 26^1 = 42 + 72 + 182 + 182 + 261 & 739 &:= 6^3 + 6^3 + 17^1 + 17^2 + 27^0 = 63 + 63 + 171 + 172 + 270 \\ 739 &:= 4^2 + 9^2 + 16^2 + 19^2 + 25^1 = 42 + 92 + 162 + 192 + 251 & 739 &:= 7^2 + 7^2 + 16^2 + 19^2 + 24^1 = 72 + 72 + 162 + 192 + 241 \\ 739 &:= 4^3 + 12^2 + 13^2 + 19^2 + 25^0 = 43 + 122 + 132 + 192 + 250 & 739 &:= 7^2 + 9^2 + 10^2 + 22^2 + 25^1 = 72 + 92 + 102 + 222 + 251 \\ 739 &:= 4^3 + 5^3 + 20^1 + 21^0 + 23^2 = 43 + 53 + 201 + 210 + 232 & 739 &:= 7^2 + 9^2 + 12^2 + 21^2 + 24^1 = 72 + 92 + 122 + 212 + 241 \\ 739 &:= 4^3 + 5^4 + 15^0 + 22^1 + 27^1 = 43 + 54 + 150 + 221 + 271 & 739 &:= 7^2 + 9^2 + 15^2 + 19^2 + 23^1 = 72 + 92 + 152 + 192 + 231 \\ 739 &:= 4^3 + 5^4 + 15^0 + 23^1 + 26^1 = 43 + 54 + 150 + 231 + 261 & 739 &:= 7^3 + 10^2 + 13^1 + 16^2 + 27^1 = 73 + 102 + 131 + 162 + 271 \\ 739 &:= 4^3 + 5^4 + 15^0 + 24^1 + 25^1 = 43 + 54 + 150 + 241 + 251 & 739 &:= 7^3 + 10^2 + 14^1 + 16^2 + 26^1 = 73 + 102 + 141 + 162 + 261 \\ 739 &:= 4^3 + 6^3 + 17^1 + 21^2 + 25^0 = 43 + 63 + 171 + 212 + 250 & 739 &:= 7^3 + 10^2 + 15^1 + 16^2 + 25^1 = 73 + 102 + 151 + 162 + 251 \\ 739 &:= 4^3 + 7^2 + 15^2 + 20^2 + 27^0 = 43 + 72 + 152 + 202 + 270 & 739 &:= 7^3 + 10^2 + 16^1 + 16^2 + 24^1 = 73 + 102 + 161 + 162 + 241 \\ 739 &:= 4^3 + 8^2 + 13^2 + 21^2 + 27^0 = 43 + 82 + 132 + 212 + 270 & 739 &:= 7^3 + 10^2 + 16^2 + 17^1 + 23^1 = 73 + 102 + 162 + 171 + 231 \\ 739 &:= 4^4 + 10^2 + 19^0 + 19^2 + 21^1 = 44 + 102 + 190 + 192 + 211 & 739 &:= 7^3 + 10^2 + 16^2 + 18^1 + 22^1 = 73 + 102 + 162 + 181 + 221 \\ 739 &:= 4^4 + 12^2 + 14^1 + 18^2 + 25^0 = 44 + 122 + 141 + 182 + 250 & 739 &:= 7^3 + 10^2 + 16^2 + 19^1 + 21^1 = 73 + 102 + 162 + 191 + 211 \\ 739 &:= 4^4 + 13^2 + 15^0 + 17^2 + 24^1 = 44 + 132 + 150 + 172 + 241 & 739 &:= 7^3 + 10^2 + 16^2 + 20^1 + 20^1 = 73 + 102 + 162 + 201 + 201 \\ 739 &:= 4^4 + 5^2 + 16^1 + 21^2 + 27^0 = 44 + 52 + 161 + 212 + 270 & 739 &:= 8^2 + 13^2 + 14^2 + 17^2 + 21^1 = 82 + 132 + 142 + 172 + 211 \\ 739 &:= 4^4 + 8^2 + 18^1 + 20^2 + 23^0 = 44 + 82 + 181 + 202 + 230 & 739 &:= 8^3 + 9^2 + 10^2 + 19^1 + 27^1 = 83 + 92 + 102 + 191 + 271 \\ 739 &:= 5^2 + 11^2 + 13^2 + 20^2 + 24^1 = 52 + 112 + 132 + 202 + 241 & 739 &:= 8^3 + 9^2 + 10^2 + 20^1 + 26^1 = 83 + 92 + 102 + 201 + 261 \\ 739 &:= 5^2 + 7^3 + 7^3 + 27^0 + 27^1 = 52 + 73 + 73 + 270 + 271 & 739 &:= 8^3 + 9^2 + 10^2 + 21^1 + 25^1 = 83 + 92 + 102 + 211 + 251 \\ 739 &:= 5^2 + 8^2 + 15^2 + 20^2 + 25^1 = 52 + 82 + 152 + 202 + 251 & 739 &:= 8^3 + 9^2 + 10^2 + 22^1 + 24^1 = 83 + 92 + 102 + 221 + 241 \end{aligned}$$

$$739 := 8^3 + 9^2 + 10^2 + 23^1 + 23^1 = 83 + 92 + 102 + 231 + 231$$

$$739 := 9^2 + 12^2 + 13^2 + 18^2 + 21^1 = 92 + 122 + 132 + 182 + 211$$

2.2.641 Number 740

$740 := 1^2 + 3^2 + 3^6 + 66^0 = 12 + 32 + 36 + 660$	$740 := 1^7 + 8^1 + 17^0 + 20^0 + 27^2 = 17 + 81 + 170 + 200 + 272$
$740 := 1^3 + 3^6 + 9^1 + 60^0 = 13 + 36 + 91 + 600$	$740 := 1^7 + 8^1 + 18^0 + 19^0 + 27^2 = 17 + 81 + 180 + 190 + 272$
$740 := 1^5 + 3^2 + 9^3 + 60^0 = 15 + 32 + 93 + 600$	$740 := 1^9 + 2^9 + 15^2 + 27^0 + 27^0 = 19 + 29 + 152 + 270 + 270$
$740 := 1^6 + 3^2 + 27^2 + 42^0 = 16 + 32 + 272 + 420$	$740 := 2^2 + 2^5 + 16^0 + 26^2 + 27^1 = 22 + 25 + 160 + 262 + 271$
$740 := 1^6 + 9^1 + 9^3 + 54^0 = 16 + 91 + 93 + 540$	$740 := 2^3 + 3^4 + 18^0 + 25^1 + 25^2 = 23 + 34 + 180 + 251 + 252$
$740 := 1^7 + 9^1 + 27^2 + 36^0 = 17 + 91 + 272 + 360$	$740 := 2^4 + 3^3 + 20^1 + 22^0 + 26^2 = 24 + 33 + 201 + 220 + 262$
$740 := 2^1 + 2^3 + 3^6 + 66^0 = 21 + 23 + 36 + 660$	$740 := 2^4 + 5^3 + 20^0 + 22^1 + 24^2 = 24 + 53 + 200 + 221 + 242$
$740 := 2^7 + 12^0 + 24^2 + 35^1 = 27 + 120 + 242 + 351$	$740 := 2^4 + 6^3 + 20^0 + 22^2 + 23^1 = 24 + 63 + 200 + 222 + 231$
$740 := 1^4 + 11^2 + 16^2 + 19^2 + 26^0 = 14 + 112 + 162 + 192 + 260$	$740 := 2^4 + 7^3 + 19^1 + 19^2 + 26^0 = 24 + 73 + 191 + 192 + 260$
$740 := 1^4 + 13^2 + 13^2 + 20^2 + 26^0 = 14 + 132 + 132 + 202 + 260$	$740 := 2^5 + 10^1 + 11^2 + 24^2 + 26^0 = 25 + 101 + 112 + 242 + 260$
$740 := 1^5 + 10^2 + 13^1 + 24^0 + 25^2 = 15 + 102 + 131 + 240 + 252$	$740 := 2^5 + 10^1 + 16^2 + 21^2 + 24^0 = 25 + 101 + 162 + 212 + 240$
$740 := 1^5 + 12^2 + 18^0 + 18^1 + 24^2 = 15 + 122 + 180 + 181 + 242$	$740 := 2^5 + 12^0 + 18^2 + 19^2 + 22^1 = 25 + 120 + 182 + 192 + 221$
$740 := 1^5 + 13^1 + 14^2 + 22^0 + 23^2 = 15 + 131 + 142 + 220 + 232$	$740 := 2^5 + 16^0 + 17^2 + 18^1 + 20^2 = 25 + 160 + 172 + 181 + 202$
$740 := 1^5 + 14^1 + 18^2 + 20^0 + 20^2 = 15 + 141 + 182 + 200 + 202$	$740 := 2^5 + 3^2 + 20^0 + 22^1 + 26^2 = 25 + 32 + 200 + 221 + 262$
$740 := 1^5 + 16^1 + 18^0 + 19^2 + 19^2 = 15 + 161 + 180 + 192 + 192$	$740 := 2^5 + 4^2 + 15^1 + 26^0 + 26^2 = 25 + 42 + 151 + 260 + 262$
$740 := 1^5 + 2^3 + 16^0 + 27^0 + 27^2 = 15 + 23 + 160 + 270 + 272$	$740 := 2^5 + 8^0 + 14^2 + 22^2 + 27^1 = 25 + 80 + 142 + 222 + 271$
$740 := 1^5 + 2^3 + 17^0 + 26^0 + 27^2 = 15 + 23 + 170 + 260 + 272$	$740 := 2^5 + 8^2 + 18^1 + 20^0 + 25^2 = 25 + 82 + 181 + 200 + 252$
$740 := 1^5 + 2^3 + 18^0 + 25^0 + 27^2 = 15 + 23 + 180 + 250 + 272$	$740 := 2^5 + 9^1 + 13^2 + 23^2 + 26^0 = 25 + 91 + 132 + 232 + 260$
$740 := 1^5 + 2^3 + 19^0 + 24^0 + 27^2 = 15 + 23 + 190 + 240 + 272$	$740 := 2^6 + 7^2 + 12^0 + 25^2 + 27^0 = 26 + 72 + 120 + 252 + 270$
$740 := 1^5 + 2^3 + 20^0 + 23^0 + 27^2 = 15 + 23 + 200 + 230 + 272$	$740 := 2^6 + 7^2 + 13^0 + 25^2 + 26^0 = 26 + 72 + 130 + 252 + 260$
$740 := 1^5 + 2^3 + 21^0 + 22^0 + 27^2 = 15 + 23 + 210 + 220 + 272$	$740 := 2^6 + 7^2 + 14^0 + 25^0 + 25^2 = 26 + 72 + 140 + 250 + 252$
$740 := 1^5 + 6^2 + 14^0 + 26^1 + 26^2 = 15 + 62 + 140 + 261 + 262$	$740 := 2^6 + 7^2 + 15^0 + 24^0 + 25^2 = 26 + 72 + 150 + 240 + 252$
$740 := 1^5 + 7^2 + 13^1 + 26^0 + 26^2 = 15 + 72 + 131 + 260 + 262$	$740 := 2^6 + 7^2 + 16^0 + 23^0 + 25^2 = 26 + 72 + 160 + 230 + 252$
$740 := 1^5 + 8^1 + 17^2 + 21^2 + 26^0 = 15 + 81 + 172 + 212 + 260$	$740 := 2^6 + 7^2 + 17^0 + 22^0 + 25^2 = 26 + 72 + 170 + 220 + 252$
$740 := 1^5 + 8^3 + 15^2 + 22^0 + 27^0 = 15 + 83 + 152 + 220 + 270$	$740 := 2^6 + 7^2 + 18^0 + 21^0 + 25^2 = 26 + 72 + 180 + 210 + 252$
$740 := 1^5 + 8^3 + 15^2 + 23^0 + 26^0 = 15 + 83 + 152 + 230 + 260$	$740 := 2^6 + 7^2 + 19^0 + 20^0 + 25^2 = 26 + 72 + 190 + 200 + 252$
$740 := 1^5 + 8^3 + 15^2 + 24^0 + 25^0 = 15 + 83 + 152 + 240 + 250$	$740 := 3^4 + 12^2 + 15^2 + 17^2 + 26^0 = 34 + 122 + 152 + 172 + 260$
$740 := 1^7 + 8^1 + 10^0 + 27^0 + 27^2 = 17 + 81 + 100 + 270 + 272$	$740 := 3^4 + 3^4 + 16^0 + 24^2 + 27^0 = 34 + 34 + 160 + 242 + 270$
$740 := 1^7 + 8^1 + 11^0 + 26^0 + 27^2 = 17 + 81 + 110 + 260 + 272$	$740 := 3^4 + 3^4 + 17^0 + 24^2 + 26^0 = 34 + 34 + 170 + 242 + 260$
$740 := 1^7 + 8^1 + 12^0 + 25^0 + 27^2 = 17 + 81 + 120 + 250 + 272$	$740 := 3^4 + 3^4 + 18^0 + 24^2 + 25^0 = 34 + 34 + 180 + 242 + 250$
$740 := 1^7 + 8^1 + 13^0 + 24^0 + 27^2 = 17 + 81 + 130 + 240 + 272$	$740 := 3^4 + 3^4 + 19^0 + 24^0 + 24^2 = 34 + 34 + 190 + 240 + 242$
$740 := 1^7 + 8^1 + 14^0 + 23^0 + 27^2 = 17 + 81 + 140 + 230 + 272$	$740 := 3^4 + 3^4 + 20^0 + 23^0 + 24^2 = 34 + 34 + 200 + 230 + 242$
$740 := 1^7 + 8^1 + 15^0 + 22^0 + 27^2 = 17 + 81 + 150 + 220 + 272$	$740 := 3^4 + 3^4 + 21^0 + 22^0 + 24^2 = 34 + 34 + 210 + 220 + 242$
$740 := 1^7 + 8^1 + 16^0 + 21^0 + 27^2 = 17 + 81 + 160 + 210 + 272$	$740 := 3^4 + 4^3 + 18^1 + 24^0 + 24^2 = 34 + 43 + 181 + 240 + 242$

$$\begin{aligned}740 &:= 3^4 + 7^3 + 17^2 + 20^0 + 26^1 = 34 + 73 + 172 + 200 + 261 \\740 &:= 3^4 + 8^3 + 11^2 + 25^1 + 26^0 = 34 + 83 + 112 + 251 + 260 \\740 &:= 3^5 + 11^2 + 14^1 + 19^2 + 26^0 = 35 + 112 + 141 + 192 + 260 \\740 &:= 3^5 + 15^1 + 15^2 + 16^2 + 24^0 = 35 + 151 + 152 + 162 + 240\end{aligned}$$

$$\begin{aligned}740 &:= 3^5 + 6^2 + 19^1 + 21^2 + 24^0 = 35 + 62 + 191 + 212 + 240 \\740 &:= 3^5 + 9^2 + 15^1 + 20^2 + 26^0 = 35 + 92 + 151 + 202 + 260 \\740 &:= 4^3 + 4^4 + 19^1 + 20^2 + 26^0 = 43 + 44 + 191 + 202 + 260\end{aligned}$$

2.2.642 Number 741

$$\begin{aligned}741 &:= 1^4 + 3^6 + 10^1 + 59^0 = 14 + 36 + 101 + 590 \\741 &:= 1^7 + 9^3 + 10^1 + 53^0 = 17 + 93 + 101 + 530 \\741 &:= 1^8 + 10^1 + 27^2 + 35^0 = 18 + 101 + 272 + 350 \\741 &:= 2^6 + 3^2 + 25^2 + 43^1 = 26 + 32 + 252 + 431 \\741 &:= 2^6 + 5^4 + 15^0 + 51^1 = 26 + 54 + 150 + 511 \\741 &:= 2^7 + 6^2 + 24^2 + 41^0 = 27 + 62 + 242 + 410 \\741 &:= 2^8 + 7^0 + 21^2 + 43^1 = 28 + 70 + 212 + 431 \\741 &:= 3^3 + 3^3 + 5^4 + 62^1 = 33 + 33 + 54 + 621 \\741 &:= 1^4 + 10^2 + 17^2 + 18^2 + 27^1 = 14 + 102 + 172 + 182 + 271 \\741 &:= 1^4 + 12^2 + 13^2 + 20^2 + 27^1 = 14 + 122 + 132 + 202 + 271 \\741 &:= 1^4 + 13^2 + 16^2 + 17^2 + 26^1 = 14 + 132 + 162 + 172 + 261 \\741 &:= 1^5 + 15^2 + 15^2 + 17^2 + 25^0 = 15 + 152 + 152 + 172 + 250 \\741 &:= 1^6 + 10^2 + 14^1 + 23^0 + 25^2 = 16 + 102 + 141 + 230 + 252 \\741 &:= 1^6 + 12^2 + 17^0 + 19^1 + 24^2 = 16 + 122 + 170 + 191 + 242 \\741 &:= 1^6 + 14^1 + 14^2 + 21^0 + 23^2 = 16 + 141 + 142 + 210 + 232 \\741 &:= 1^6 + 15^1 + 18^2 + 19^0 + 20^2 = 16 + 151 + 182 + 190 + 202 \\741 &:= 1^6 + 17^0 + 17^1 + 19^2 + 19^2 = 16 + 170 + 171 + 192 + 192 \\741 &:= 1^6 + 6^2 + 13^0 + 26^2 + 27^1 = 16 + 62 + 130 + 262 + 271 \\741 &:= 1^6 + 7^2 + 14^1 + 25^0 + 26^2 = 16 + 72 + 141 + 250 + 262 \\741 &:= 1^6 + 9^1 + 17^2 + 21^2 + 25^0 = 16 + 91 + 172 + 212 + 250 \\741 &:= 1^7 + 3^2 + 15^0 + 27^0 + 27^2 = 17 + 32 + 150 + 270 + 272 \\741 &:= 1^7 + 3^2 + 16^0 + 26^0 + 27^2 = 17 + 32 + 160 + 260 + 272 \\741 &:= 1^7 + 3^2 + 17^0 + 25^0 + 27^2 = 17 + 32 + 170 + 250 + 272 \\741 &:= 1^7 + 3^2 + 18^0 + 24^0 + 27^2 = 17 + 32 + 180 + 240 + 272 \\741 &:= 1^7 + 3^2 + 19^0 + 23^0 + 27^2 = 17 + 32 + 190 + 230 + 272 \\741 &:= 1^7 + 3^2 + 20^0 + 22^0 + 27^2 = 17 + 32 + 200 + 220 + 272 \\741 &:= 1^7 + 3^2 + 21^0 + 21^0 + 27^2 = 17 + 32 + 210 + 210 + 272 \\741 &:= 1^7 + 9^1 + 9^3 + 27^0 + 27^0 = 17 + 91 + 93 + 270 + 270 \\741 &:= 1^8 + 9^0 + 9^1 + 27^0 + 27^2 = 18 + 90 + 91 + 270 + 272 \\741 &:= 1^8 + 9^1 + 10^0 + 26^0 + 27^2 = 18 + 91 + 100 + 260 + 272 \\741 &:= 1^8 + 9^1 + 11^0 + 25^0 + 27^2 = 18 + 91 + 110 + 250 + 272\end{aligned}$$

$$\begin{aligned}741 &:= 1^8 + 9^1 + 12^0 + 24^0 + 27^2 = 18 + 91 + 120 + 240 + 272 \\741 &:= 1^8 + 9^1 + 13^0 + 23^0 + 27^2 = 18 + 91 + 130 + 230 + 272 \\741 &:= 1^8 + 9^1 + 14^0 + 22^0 + 27^2 = 18 + 91 + 140 + 220 + 272 \\741 &:= 1^8 + 9^1 + 15^0 + 21^0 + 27^2 = 18 + 91 + 150 + 210 + 272 \\741 &:= 1^8 + 9^1 + 16^0 + 20^0 + 27^2 = 18 + 91 + 160 + 200 + 272 \\741 &:= 1^8 + 9^1 + 17^0 + 19^0 + 27^2 = 18 + 91 + 170 + 190 + 272 \\741 &:= 1^8 + 9^1 + 18^0 + 18^0 + 27^2 = 18 + 91 + 180 + 180 + 272 \\741 &:= 2^3 + 2^5 + 19^0 + 24^1 + 26^2 = 23 + 25 + 190 + 241 + 262 \\741 &:= 2^4 + 11^2 + 17^2 + 17^2 + 26^1 = 24 + 112 + 172 + 172 + 261 \\741 &:= 2^4 + 13^2 + 13^2 + 19^2 + 26^1 = 24 + 132 + 132 + 192 + 261 \\741 &:= 2^4 + 3^4 + 18^1 + 25^0 + 25^2 = 24 + 34 + 181 + 250 + 252 \\741 &:= 2^4 + 4^4 + 19^0 + 21^2 + 27^1 = 24 + 44 + 190 + 212 + 271 \\741 &:= 2^4 + 9^2 + 16^2 + 19^2 + 27^1 = 24 + 92 + 162 + 192 + 271 \\741 &:= 2^5 + 10^1 + 12^2 + 23^2 + 26^1 = 25 + 101 + 122 + 232 + 261 \\741 &:= 2^5 + 11^1 + 12^2 + 23^2 + 25^1 = 25 + 111 + 122 + 232 + 251 \\741 &:= 2^5 + 12^1 + 12^2 + 23^2 + 24^1 = 25 + 121 + 122 + 232 + 241 \\741 &:= 2^5 + 12^2 + 13^1 + 23^1 + 23^2 = 25 + 122 + 131 + 231 + 232 \\741 &:= 2^5 + 12^2 + 14^1 + 22^1 + 23^2 = 25 + 122 + 141 + 221 + 232 \\741 &:= 2^5 + 12^2 + 15^1 + 21^1 + 23^2 = 25 + 122 + 151 + 211 + 232 \\741 &:= 2^5 + 12^2 + 16^1 + 20^1 + 23^2 = 25 + 122 + 161 + 201 + 232 \\741 &:= 2^5 + 12^2 + 17^1 + 19^1 + 23^2 = 25 + 122 + 171 + 191 + 232 \\741 &:= 2^5 + 12^2 + 18^1 + 18^1 + 23^2 = 25 + 122 + 181 + 181 + 232 \\741 &:= 2^5 + 14^2 + 16^2 + 16^2 + 25^0 = 25 + 142 + 162 + 162 + 250 \\741 &:= 2^5 + 4^3 + 19^1 + 23^0 + 25^2 = 25 + 43 + 191 + 230 + 252 \\741 &:= 2^5 + 8^3 + 13^2 + 23^0 + 27^1 = 25 + 83 + 132 + 230 + 271 \\741 &:= 2^5 + 9^1 + 12^2 + 23^2 + 27^1 = 25 + 91 + 122 + 232 + 271 \\741 &:= 2^6 + 10^1 + 15^2 + 21^2 + 25^0 = 26 + 101 + 152 + 212 + 250 \\741 &:= 2^6 + 11^0 + 11^2 + 23^2 + 26^1 = 26 + 110 + 112 + 232 + 261 \\741 &:= 2^6 + 13^0 + 13^2 + 22^2 + 23^1 = 26 + 130 + 132 + 222 + 231 \\741 &:= 2^6 + 15^0 + 16^2 + 20^1 + 20^2 = 26 + 150 + 162 + 201 + 202 \\741 &:= 2^6 + 5^2 + 15^0 + 25^2 + 26^1 = 26 + 52 + 150 + 252 + 261\end{aligned}$$

$$\begin{aligned}
 741 &:= 2^6 + 6^2 + 15^1 + 25^0 + 25^2 = 26 + 62 + 151 + 250 + 252 \\
 741 &:= 2^6 + 9^0 + 17^2 + 19^2 + 26^1 = 26 + 90 + 172 + 192 + 261 \\
 741 &:= 2^6 + 9^2 + 19^0 + 19^1 + 24^2 = 26 + 92 + 190 + 191 + 242 \\
 741 &:= 2^7 + 10^1 + 11^0 + 24^2 + 26^1 = 27 + 101 + 110 + 242 + 261 \\
 741 &:= 2^7 + 11^0 + 11^1 + 24^2 + 25^1 = 27 + 110 + 111 + 242 + 251 \\
 741 &:= 2^7 + 11^0 + 12^1 + 24^1 + 24^2 = 27 + 110 + 121 + 241 + 242 \\
 741 &:= 2^7 + 11^0 + 13^1 + 23^1 + 24^2 = 27 + 110 + 131 + 231 + 242 \\
 741 &:= 2^7 + 11^0 + 14^1 + 22^1 + 24^2 = 27 + 110 + 141 + 221 + 242 \\
 741 &:= 2^7 + 11^0 + 15^1 + 21^1 + 24^2 = 27 + 110 + 151 + 211 + 242 \\
 741 &:= 2^7 + 11^0 + 16^1 + 20^1 + 24^2 = 27 + 110 + 161 + 201 + 242 \\
 741 &:= 2^7 + 11^0 + 17^1 + 19^1 + 24^2 = 27 + 110 + 171 + 191 + 242 \\
 741 &:= 2^7 + 11^0 + 18^1 + 18^1 + 24^2 = 27 + 110 + 181 + 181 + 242 \\
 741 &:= 2^7 + 9^1 + 11^0 + 24^2 + 27^1 = 27 + 91 + 110 + 242 + 271 \\
 741 &:= 3^4 + 11^2 + 16^2 + 16^2 + 27^1 = 34 + 112 + 162 + 162 + 271 \\
 741 &:= 3^4 + 6^3 + 17^1 + 20^2 + 27^1 = 34 + 63 + 171 + 202 + 271
 \end{aligned}$$

$$\begin{aligned}
 741 &:= 3^4 + 6^3 + 18^1 + 20^2 + 26^1 = 34 + 63 + 181 + 202 + 261 \\
 741 &:= 3^4 + 6^3 + 19^1 + 20^2 + 25^1 = 34 + 63 + 191 + 202 + 251 \\
 741 &:= 3^4 + 6^3 + 20^1 + 20^2 + 24^1 = 34 + 63 + 201 + 202 + 241 \\
 741 &:= 3^4 + 6^3 + 20^2 + 21^1 + 23^1 = 34 + 63 + 202 + 211 + 231 \\
 741 &:= 3^4 + 6^3 + 20^2 + 22^1 + 22^1 = 34 + 63 + 202 + 221 + 221 \\
 741 &:= 3^5 + 13^1 + 13^2 + 17^2 + 27^1 = 35 + 131 + 132 + 172 + 271 \\
 741 &:= 3^5 + 13^2 + 14^1 + 17^2 + 26^1 = 35 + 132 + 141 + 172 + 261 \\
 741 &:= 3^5 + 13^2 + 15^1 + 17^2 + 25^1 = 35 + 132 + 151 + 172 + 251 \\
 741 &:= 3^5 + 13^2 + 16^1 + 17^2 + 24^1 = 35 + 132 + 161 + 172 + 241 \\
 741 &:= 3^5 + 13^2 + 17^1 + 17^2 + 23^1 = 35 + 132 + 171 + 172 + 231 \\
 741 &:= 3^5 + 13^2 + 17^2 + 18^1 + 22^1 = 35 + 132 + 172 + 181 + 221 \\
 741 &:= 3^5 + 13^2 + 17^2 + 19^1 + 21^1 = 35 + 132 + 172 + 191 + 211 \\
 741 &:= 3^5 + 13^2 + 17^2 + 20^1 + 20^1 = 35 + 132 + 172 + 201 + 201 \\
 741 &:= 3^5 + 6^3 + 16^2 + 23^0 + 25^1 = 35 + 63 + 162 + 230 + 251
 \end{aligned}$$

2.2.643 Number 742

$$\begin{aligned}
 742 &:= 1^2 + 2^8 + 22^2 + 48^0 = 12 + 28 + 222 + 480 \\
 742 &:= 1^4 + 2^6 + 26^2 + 44^0 = 14 + 26 + 262 + 440 \\
 742 &:= 1^5 + 3^6 + 11^1 + 58^0 = 15 + 36 + 111 + 580 \\
 742 &:= 1^6 + 4^4 + 22^2 + 46^0 = 16 + 44 + 222 + 460 \\
 742 &:= 1^7 + 4^3 + 26^2 + 42^0 = 17 + 43 + 262 + 420 \\
 742 &:= 1^8 + 16^2 + 22^2 + 34^0 = 18 + 162 + 222 + 340 \\
 742 &:= 1^8 + 8^2 + 26^2 + 38^0 = 18 + 82 + 262 + 380 \\
 742 &:= 1^8 + 9^3 + 11^1 + 52^0 = 18 + 93 + 111 + 520 \\
 742 &:= 1^9 + 11^1 + 27^2 + 34^0 = 19 + 111 + 272 + 340 \\
 742 &:= 2^8 + 14^2 + 17^2 + 40^0 = 28 + 142 + 172 + 400 \\
 742 &:= 2^9 + 14^2 + 24^0 + 33^1 = 29 + 142 + 240 + 331 \\
 742 &:= 2^9 + 4^1 + 15^2 + 52^0 = 29 + 41 + 152 + 520 \\
 742 &:= 1^6 + 12^2 + 14^2 + 20^2 + 26^0 = 16 + 122 + 142 + 202 + 260 \\
 742 &:= 1^7 + 10^1 + 17^2 + 21^2 + 24^0 = 17 + 101 + 172 + 212 + 240 \\
 742 &:= 1^7 + 10^2 + 15^1 + 22^0 + 25^2 = 17 + 102 + 151 + 220 + 252 \\
 742 &:= 1^7 + 12^2 + 16^0 + 20^1 + 24^2 = 17 + 122 + 160 + 201 + 242 \\
 742 &:= 1^7 + 14^2 + 15^1 + 20^0 + 23^2 = 17 + 142 + 151 + 200 + 232 \\
 742 &:= 1^7 + 16^0 + 18^1 + 19^2 + 19^2 = 17 + 160 + 181 + 192 + 192 \\
 742 &:= 1^7 + 16^1 + 18^0 + 18^2 + 20^2 = 17 + 161 + 180 + 182 + 202 \\
 742 &:= 1^7 + 7^2 + 15^1 + 24^0 + 26^2 = 17 + 72 + 151 + 240 + 262
 \end{aligned}$$

$$\begin{aligned}
 742 &:= 1^8 + 9^3 + 10^1 + 26^0 + 27^0 = 18 + 93 + 101 + 260 + 270 \\
 742 &:= 1^9 + 10^0 + 10^1 + 25^0 + 27^2 = 19 + 100 + 101 + 250 + 272 \\
 742 &:= 1^9 + 10^1 + 11^0 + 24^0 + 27^2 = 19 + 101 + 110 + 240 + 272 \\
 742 &:= 1^9 + 10^1 + 12^0 + 23^0 + 27^2 = 19 + 101 + 120 + 230 + 272 \\
 742 &:= 1^9 + 10^1 + 13^0 + 22^0 + 27^2 = 19 + 101 + 130 + 220 + 272 \\
 742 &:= 1^9 + 10^1 + 14^0 + 21^0 + 27^2 = 19 + 101 + 140 + 210 + 272 \\
 742 &:= 1^9 + 10^1 + 15^0 + 20^0 + 27^2 = 19 + 101 + 150 + 200 + 272 \\
 742 &:= 1^9 + 10^1 + 16^0 + 19^0 + 27^2 = 19 + 101 + 160 + 190 + 272 \\
 742 &:= 1^9 + 10^1 + 17^0 + 18^0 + 27^2 = 19 + 101 + 170 + 180 + 272 \\
 742 &:= 1^9 + 8^0 + 10^1 + 27^0 + 27^2 = 19 + 80 + 101 + 270 + 272 \\
 742 &:= 1^9 + 9^0 + 10^1 + 26^0 + 27^2 = 19 + 90 + 101 + 260 + 272 \\
 742 &:= 2^4 + 2^5 + 17^1 + 26^0 + 26^2 = 24 + 25 + 171 + 260 + 262 \\
 742 &:= 2^5 + 2^5 + 16^0 + 26^2 + 27^0 = 25 + 25 + 160 + 262 + 270 \\
 742 &:= 2^5 + 2^5 + 17^0 + 26^0 + 26^2 = 25 + 25 + 170 + 260 + 262 \\
 742 &:= 2^5 + 2^5 + 18^0 + 25^0 + 26^2 = 25 + 25 + 180 + 250 + 262 \\
 742 &:= 2^5 + 2^5 + 19^0 + 24^0 + 26^2 = 25 + 25 + 190 + 240 + 262 \\
 742 &:= 2^5 + 2^5 + 20^0 + 23^0 + 26^2 = 25 + 25 + 200 + 230 + 262 \\
 742 &:= 2^5 + 2^5 + 21^0 + 22^0 + 26^2 = 25 + 25 + 210 + 220 + 262 \\
 742 &:= 2^6 + 14^2 + 15^2 + 16^2 + 26^0 = 26 + 142 + 152 + 162 + 260 \\
 742 &:= 2^6 + 3^3 + 18^0 + 25^1 + 25^2 = 26 + 33 + 180 + 251 + 252
 \end{aligned}$$

$$\begin{aligned}
 742 &:= 2^6 + 5^3 + 20^0 + 23^1 + 23^2 = 26 + 53 + 200 + 231 + 232 \\
 742 &:= 2^6 + 5^4 + 14^0 + 25^1 + 27^1 = 26 + 54 + 140 + 251 + 271 \\
 742 &:= 2^6 + 5^4 + 14^0 + 26^1 + 26^1 = 26 + 54 + 140 + 261 + 261 \\
 742 &:= 2^6 + 6^3 + 20^1 + 21^2 + 24^0 = 26 + 63 + 201 + 212 + 240 \\
 742 &:= 2^7 + 10^0 + 15^2 + 19^2 + 27^1 = 27 + 100 + 152 + 192 + 271 \\
 742 &:= 2^7 + 14^2 + 17^1 + 20^0 + 20^2 = 27 + 142 + 171 + 200 + 202 \\
 742 &:= 2^7 + 4^2 + 21^1 + 22^0 + 24^2 = 27 + 42 + 211 + 220 + 242 \\
 742 &:= 2^7 + 8^2 + 20^0 + 20^1 + 23^2 = 27 + 82 + 200 + 201 + 232 \\
 742 &:= 2^7 + 8^3 + 10^2 + 26^0 + 27^0 = 27 + 83 + 102 + 260 + 270
 \end{aligned}$$

$$\begin{aligned}
 742 &:= 2^8 + 6^0 + 17^1 + 21^2 + 27^1 = 28 + 60 + 171 + 212 + 271 \\
 742 &:= 2^8 + 6^0 + 18^1 + 21^2 + 26^1 = 28 + 60 + 181 + 212 + 261 \\
 742 &:= 2^8 + 6^0 + 19^1 + 21^2 + 25^1 = 28 + 60 + 191 + 212 + 251 \\
 742 &:= 2^8 + 6^0 + 20^1 + 21^2 + 24^1 = 28 + 60 + 201 + 212 + 241 \\
 742 &:= 2^8 + 6^0 + 21^1 + 21^2 + 23^1 = 28 + 60 + 211 + 212 + 231 \\
 742 &:= 2^8 + 6^0 + 21^2 + 22^1 + 22^1 = 28 + 60 + 212 + 221 + 221 \\
 742 &:= 2^9 + 3^1 + 15^2 + 26^0 + 27^0 = 29 + 31 + 152 + 260 + 270
 \end{aligned}$$

2.2.644 Number 743

$$\begin{aligned}
 743 &:= 13^1 + 27^2 + 34^0 = 131 + 272 + 340 \\
 743 &:= 1^0 + 12^1 + 27^2 + 34^0 = 10 + 121 + 272 + 340 \\
 743 &:= 1^6 + 3^6 + 12^1 + 57^0 = 16 + 36 + 121 + 570 \\
 743 &:= 1^8 + 5^2 + 26^2 + 41^1 = 18 + 52 + 262 + 411 \\
 743 &:= 1^9 + 9^3 + 12^1 + 51^0 = 19 + 93 + 121 + 510 \\
 743 &:= 10^0 + 12^1 + 25^0 + 27^2 = 100 + 121 + 250 + 272 \\
 743 &:= 11^0 + 12^1 + 24^0 + 27^2 = 110 + 121 + 240 + 272 \\
 743 &:= 12^0 + 12^1 + 23^0 + 27^2 = 120 + 121 + 230 + 272 \\
 743 &:= 12^1 + 13^0 + 22^0 + 27^2 = 121 + 130 + 220 + 272 \\
 743 &:= 12^1 + 14^0 + 21^0 + 27^2 = 121 + 140 + 210 + 272 \\
 743 &:= 12^1 + 15^0 + 20^0 + 27^2 = 121 + 150 + 200 + 272 \\
 743 &:= 12^1 + 16^0 + 19^0 + 27^2 = 121 + 160 + 190 + 272 \\
 743 &:= 12^1 + 17^0 + 18^0 + 27^2 = 121 + 170 + 180 + 272 \\
 743 &:= 2^0 + 12^1 + 27^2 + 33^0 = 20 + 121 + 272 + 330 \\
 743 &:= 2^8 + 11^2 + 18^2 + 42^1 = 28 + 112 + 182 + 421 \\
 743 &:= 2^8 + 5^3 + 19^2 + 47^0 = 28 + 53 + 192 + 470 \\
 743 &:= 2^9 + 6^3 + 14^1 + 51^0 = 29 + 63 + 141 + 510 \\
 743 &:= 3^0 + 12^1 + 27^2 + 32^0 = 30 + 121 + 272 + 320 \\
 743 &:= 4^0 + 12^1 + 27^2 + 31^0 = 40 + 121 + 272 + 310 \\
 743 &:= 5^0 + 12^1 + 27^2 + 30^0 = 50 + 121 + 272 + 300 \\
 743 &:= 6^0 + 12^1 + 27^2 + 29^0 = 60 + 121 + 272 + 290 \\
 743 &:= 7^0 + 12^1 + 27^2 + 28^0 = 70 + 121 + 272 + 280 \\
 743 &:= 8^0 + 12^1 + 27^0 + 27^2 = 80 + 121 + 270 + 272 \\
 743 &:= 9^0 + 12^1 + 26^0 + 27^2 = 90 + 121 + 260 + 272 \\
 743 &:= 1^0 + 10^0 + 11^1 + 25^0 + 27^2 = 10 + 100 + 111 + 250 + 272 \\
 743 &:= 1^0 + 11^0 + 11^1 + 24^0 + 27^2 = 10 + 110 + 111 + 240 + 272 \\
 743 &:= 1^0 + 11^1 + 12^0 + 23^0 + 27^2 = 10 + 111 + 120 + 230 + 272
 \end{aligned}$$

$$\begin{aligned}
 743 &:= 1^0 + 11^1 + 13^0 + 22^0 + 27^2 = 10 + 111 + 130 + 220 + 272 \\
 743 &:= 1^0 + 11^1 + 14^0 + 21^0 + 27^2 = 10 + 111 + 140 + 210 + 272 \\
 743 &:= 1^0 + 11^1 + 15^0 + 20^0 + 27^2 = 10 + 111 + 150 + 200 + 272 \\
 743 &:= 1^0 + 11^1 + 16^0 + 19^0 + 27^2 = 10 + 111 + 160 + 190 + 272 \\
 743 &:= 1^0 + 11^1 + 17^0 + 18^0 + 27^2 = 10 + 111 + 170 + 180 + 272 \\
 743 &:= 1^0 + 8^0 + 11^1 + 27^0 + 27^2 = 10 + 80 + 111 + 270 + 272 \\
 743 &:= 1^0 + 9^0 + 11^1 + 26^0 + 27^2 = 10 + 90 + 111 + 260 + 272 \\
 743 &:= 1^3 + 2^8 + 21^0 + 22^2 + 27^0 = 13 + 28 + 210 + 222 + 270 \\
 743 &:= 1^3 + 2^8 + 22^0 + 22^2 + 26^0 = 13 + 28 + 220 + 222 + 260 \\
 743 &:= 1^3 + 2^8 + 22^2 + 23^0 + 25^0 = 13 + 28 + 222 + 230 + 250 \\
 743 &:= 1^3 + 2^8 + 22^2 + 24^0 + 24^0 = 13 + 28 + 222 + 240 + 240 \\
 743 &:= 1^5 + 2^6 + 17^0 + 26^2 + 27^0 = 15 + 26 + 170 + 262 + 270 \\
 743 &:= 1^5 + 2^6 + 18^0 + 26^0 + 26^2 = 15 + 26 + 180 + 260 + 262 \\
 743 &:= 1^5 + 2^6 + 19^0 + 25^0 + 26^2 = 15 + 26 + 190 + 250 + 262 \\
 743 &:= 1^5 + 2^6 + 20^0 + 24^0 + 26^2 = 15 + 26 + 200 + 240 + 262 \\
 743 &:= 1^5 + 2^6 + 21^0 + 23^0 + 26^2 = 15 + 26 + 210 + 230 + 262 \\
 743 &:= 1^5 + 2^6 + 22^0 + 22^0 + 26^2 = 15 + 26 + 220 + 220 + 262 \\
 743 &:= 1^6 + 14^2 + 14^2 + 18^2 + 26^1 = 16 + 142 + 142 + 182 + 261 \\
 743 &:= 1^7 + 14^2 + 16^2 + 17^2 + 25^0 = 17 + 142 + 162 + 172 + 250 \\
 743 &:= 1^7 + 4^4 + 19^0 + 22^2 + 27^0 = 17 + 44 + 190 + 222 + 270 \\
 743 &:= 1^7 + 4^4 + 20^0 + 22^2 + 26^0 = 17 + 44 + 200 + 222 + 260 \\
 743 &:= 1^7 + 4^4 + 21^0 + 22^2 + 25^0 = 17 + 44 + 210 + 222 + 250 \\
 743 &:= 1^7 + 4^4 + 22^0 + 22^2 + 24^0 = 17 + 44 + 220 + 222 + 240 \\
 743 &:= 1^7 + 4^4 + 22^2 + 23^0 + 23^0 = 17 + 44 + 222 + 230 + 230 \\
 743 &:= 1^7 + 5^2 + 14^1 + 26^2 + 27^1 = 17 + 52 + 141 + 262 + 271 \\
 743 &:= 1^7 + 5^2 + 15^1 + 26^1 + 26^2 = 17 + 52 + 151 + 261 + 262 \\
 743 &:= 1^7 + 5^2 + 16^1 + 25^1 + 26^2 = 17 + 52 + 161 + 251 + 262
 \end{aligned}$$

$$\begin{aligned} 743 &:= 1^7 + 5^2 + 17^1 + 24^1 + 26^2 = 17 + 52 + 171 + 241 + 262 & 743 &:= 1^9 + 9^3 + 11^1 + 25^0 + 27^0 = 19 + 93 + 111 + 250 + 270 \\ 743 &:= 1^7 + 5^2 + 18^1 + 23^1 + 26^2 = 17 + 52 + 181 + 231 + 262 & 743 &:= 1^9 + 9^3 + 11^1 + 26^0 + 26^0 = 19 + 93 + 111 + 260 + 260 \\ 743 &:= 1^7 + 5^2 + 19^1 + 22^1 + 26^2 = 17 + 52 + 191 + 221 + 262 & 743 &:= 10^0 + 10^0 + 11^1 + 16^0 + 27^2 = 100 + 100 + 111 + 160 + 272 \\ 743 &:= 1^7 + 5^2 + 20^1 + 21^1 + 26^2 = 17 + 52 + 201 + 211 + 262 & 743 &:= 10^0 + 11^0 + 11^1 + 15^0 + 27^2 = 100 + 110 + 111 + 150 + 272 \\ 743 &:= 1^8 + 10^2 + 16^1 + 21^0 + 25^2 = 18 + 102 + 161 + 210 + 252 & 743 &:= 10^0 + 11^1 + 12^0 + 14^0 + 27^2 = 100 + 111 + 120 + 140 + 272 \\ 743 &:= 1^8 + 11^1 + 17^2 + 21^2 + 23^0 = 18 + 111 + 172 + 212 + 230 & 743 &:= 10^0 + 11^1 + 13^0 + 13^0 + 27^2 = 100 + 111 + 130 + 130 + 272 \\ 743 &:= 1^8 + 12^2 + 15^0 + 21^1 + 24^2 = 18 + 122 + 150 + 211 + 242 & 743 &:= 11^0 + 11^0 + 11^1 + 14^0 + 27^2 = 110 + 110 + 111 + 140 + 272 \\ 743 &:= 1^8 + 14^2 + 16^1 + 19^0 + 23^2 = 18 + 142 + 161 + 190 + 232 & 743 &:= 11^0 + 11^1 + 12^0 + 13^0 + 27^2 = 110 + 111 + 120 + 130 + 272 \\ 743 &:= 1^8 + 15^0 + 19^1 + 19^2 + 19^2 = 18 + 150 + 191 + 192 + 192 & 743 &:= 11^1 + 12^0 + 12^0 + 12^0 + 27^2 = 111 + 120 + 120 + 120 + 272 \\ 743 &:= 1^8 + 17^0 + 17^1 + 18^2 + 20^2 = 18 + 170 + 171 + 182 + 202 & 743 &:= 2^0 + 10^0 + 11^1 + 24^0 + 27^2 = 20 + 100 + 111 + 240 + 272 \\ 743 &:= 1^8 + 4^3 + 15^0 + 26^2 + 27^0 = 18 + 43 + 150 + 262 + 270 & 743 &:= 2^0 + 11^0 + 11^1 + 23^0 + 27^2 = 20 + 110 + 111 + 230 + 272 \\ 743 &:= 1^8 + 4^3 + 16^0 + 26^0 + 26^2 = 18 + 43 + 160 + 260 + 262 & 743 &:= 2^0 + 11^1 + 12^0 + 22^0 + 27^2 = 20 + 111 + 120 + 220 + 272 \\ 743 &:= 1^8 + 4^3 + 17^0 + 25^0 + 26^2 = 18 + 43 + 170 + 250 + 262 & 743 &:= 2^0 + 11^1 + 13^0 + 21^0 + 27^2 = 20 + 111 + 130 + 210 + 272 \\ 743 &:= 1^8 + 4^3 + 18^0 + 24^0 + 26^2 = 18 + 43 + 180 + 240 + 262 & 743 &:= 2^0 + 11^1 + 14^0 + 20^0 + 27^2 = 20 + 111 + 140 + 200 + 272 \\ 743 &:= 1^8 + 4^3 + 19^0 + 23^0 + 26^2 = 18 + 43 + 190 + 230 + 262 & 743 &:= 2^0 + 11^1 + 15^0 + 19^0 + 27^2 = 20 + 111 + 150 + 190 + 272 \\ 743 &:= 1^8 + 4^3 + 20^0 + 22^0 + 26^2 = 18 + 43 + 200 + 220 + 262 & 743 &:= 2^0 + 11^1 + 16^0 + 18^0 + 27^2 = 20 + 111 + 160 + 180 + 272 \\ 743 &:= 1^8 + 4^3 + 21^0 + 21^0 + 26^2 = 18 + 43 + 210 + 210 + 262 & 743 &:= 2^0 + 11^1 + 17^0 + 17^0 + 27^2 = 20 + 111 + 170 + 170 + 272 \\ 743 &:= 1^8 + 7^2 + 16^1 + 23^0 + 26^2 = 18 + 72 + 161 + 230 + 262 & 743 &:= 2^0 + 7^0 + 11^1 + 27^0 + 27^2 = 20 + 70 + 111 + 270 + 272 \\ 743 &:= 1^9 + 10^0 + 16^2 + 22^2 + 24^0 = 19 + 100 + 162 + 222 + 240 & 743 &:= 2^0 + 8^0 + 11^1 + 26^0 + 27^2 = 20 + 80 + 111 + 260 + 272 \\ 743 &:= 1^9 + 11^0 + 16^2 + 22^2 + 23^0 = 19 + 110 + 162 + 222 + 230 & 743 &:= 2^0 + 9^0 + 11^1 + 25^0 + 27^2 = 20 + 90 + 111 + 250 + 272 \\ 743 &:= 1^9 + 12^0 + 16^2 + 22^0 + 22^2 = 19 + 120 + 162 + 220 + 222 & 743 &:= 2^2 + 2^9 + 15^2 + 27^0 + 27^0 = 22 + 29 + 152 + 270 + 270 \\ 743 &:= 1^9 + 13^0 + 16^2 + 21^0 + 22^2 = 19 + 130 + 162 + 210 + 222 & 743 &:= 2^5 + 3^5 + 21^0 + 21^2 + 26^1 = 25 + 35 + 210 + 212 + 261 \\ 743 &:= 1^9 + 14^0 + 16^2 + 20^0 + 22^2 = 19 + 140 + 162 + 200 + 222 & 743 &:= 2^6 + 3^4 + 21^1 + 23^0 + 24^2 = 26 + 34 + 211 + 230 + 242 \\ 743 &:= 1^9 + 15^0 + 16^2 + 19^0 + 22^2 = 19 + 150 + 162 + 190 + 222 & 743 &:= 2^6 + 4^4 + 20^2 + 22^1 + 25^0 = 26 + 44 + 202 + 221 + 250 \\ 743 &:= 1^9 + 16^0 + 16^2 + 18^0 + 22^2 = 19 + 160 + 162 + 180 + 222 & 743 &:= 2^6 + 7^3 + 17^2 + 20^1 + 27^1 = 26 + 73 + 172 + 201 + 271 \\ 743 &:= 1^9 + 16^2 + 17^0 + 17^0 + 22^2 = 19 + 162 + 170 + 170 + 222 & 743 &:= 2^6 + 7^3 + 17^2 + 21^1 + 26^1 = 26 + 73 + 172 + 211 + 261 \\ 743 &:= 1^9 + 7^0 + 16^2 + 22^2 + 27^0 = 19 + 70 + 162 + 222 + 270 & 743 &:= 2^6 + 7^3 + 17^2 + 22^1 + 25^1 = 26 + 73 + 172 + 221 + 251 \\ 743 &:= 1^9 + 8^0 + 16^2 + 22^2 + 26^0 = 19 + 80 + 162 + 222 + 260 & 743 &:= 2^6 + 7^3 + 17^2 + 23^1 + 24^1 = 26 + 73 + 172 + 231 + 241 \\ 743 &:= 1^9 + 8^2 + 11^0 + 26^2 + 27^0 = 19 + 82 + 110 + 262 + 270 & 743 &:= 2^7 + 10^1 + 17^2 + 17^2 + 27^1 = 27 + 101 + 172 + 172 + 271 \\ 743 &:= 1^9 + 8^2 + 12^0 + 26^0 + 26^2 = 19 + 82 + 120 + 260 + 262 & 743 &:= 2^7 + 11^1 + 17^2 + 17^2 + 26^1 = 27 + 111 + 172 + 172 + 261 \\ 743 &:= 1^9 + 8^2 + 13^0 + 25^0 + 26^2 = 19 + 82 + 130 + 250 + 262 & 743 &:= 2^7 + 12^1 + 17^2 + 17^2 + 25^1 = 27 + 121 + 172 + 172 + 251 \\ 743 &:= 1^9 + 8^2 + 14^0 + 24^0 + 26^2 = 19 + 82 + 140 + 240 + 262 & 743 &:= 2^7 + 13^1 + 17^2 + 17^2 + 24^1 = 27 + 131 + 172 + 172 + 241 \\ 743 &:= 1^9 + 8^2 + 15^0 + 23^0 + 26^2 = 19 + 82 + 150 + 230 + 262 & 743 &:= 2^7 + 14^1 + 17^2 + 17^2 + 23^1 = 27 + 141 + 172 + 172 + 231 \\ 743 &:= 1^9 + 8^2 + 16^0 + 22^0 + 26^2 = 19 + 82 + 160 + 220 + 262 & 743 &:= 2^7 + 15^1 + 17^2 + 17^2 + 22^1 = 27 + 151 + 172 + 172 + 221 \\ 743 &:= 1^9 + 8^2 + 17^0 + 21^0 + 26^2 = 19 + 82 + 170 + 210 + 262 & 743 &:= 2^7 + 16^1 + 17^2 + 17^2 + 21^1 = 27 + 161 + 172 + 172 + 211 \\ 743 &:= 1^9 + 8^2 + 18^0 + 20^0 + 26^2 = 19 + 82 + 180 + 200 + 262 & 743 &:= 2^7 + 17^1 + 17^2 + 17^2 + 20^1 = 27 + 171 + 172 + 172 + 201 \\ 743 &:= 1^9 + 8^2 + 19^0 + 19^0 + 26^2 = 19 + 82 + 190 + 190 + 262 & 743 &:= 2^7 + 17^2 + 17^2 + 18^1 + 19^1 = 27 + 172 + 172 + 181 + 191 \\ 743 &:= 1^9 + 9^0 + 16^2 + 22^2 + 25^0 = 19 + 90 + 162 + 222 + 250 & 743 &:= 2^7 + 4^3 + 21^1 + 23^0 + 23^2 = 27 + 43 + 211 + 230 + 232 \end{aligned}$$

$$\begin{aligned} 743 &:= 2^8 + 10^2 + 17^0 + 19^2 + 25^1 = 28 + 102 + 170 + 192 + 251 & 743 &:= 4^0 + 8^0 + 11^1 + 24^0 + 27^2 = 40 + 80 + 111 + 240 + 272 \\ 743 &:= 2^8 + 12^2 + 18^1 + 18^2 + 23^0 = 28 + 122 + 181 + 182 + 230 & 743 &:= 4^0 + 9^0 + 11^1 + 23^0 + 27^2 = 40 + 90 + 111 + 230 + 272 \\ 743 &:= 2^8 + 5^2 + 20^1 + 21^2 + 25^0 = 28 + 52 + 201 + 212 + 250 & 743 &:= 5^0 + 10^0 + 11^1 + 21^0 + 27^2 = 50 + 100 + 111 + 210 + 272 \\ 743 &:= 2^8 + 8^2 + 20^2 + 21^0 + 22^1 = 28 + 82 + 202 + 210 + 221 & 743 &:= 5^0 + 11^0 + 11^1 + 20^0 + 27^2 = 50 + 110 + 111 + 200 + 272 \\ 743 &:= 2^9 + 10^1 + 14^2 + 23^0 + 24^1 = 29 + 101 + 142 + 230 + 241 & 743 &:= 5^0 + 11^1 + 12^0 + 19^0 + 27^2 = 50 + 111 + 120 + 190 + 272 \\ 743 &:= 2^9 + 11^1 + 14^2 + 23^0 + 23^1 = 29 + 111 + 142 + 230 + 231 & 743 &:= 5^0 + 11^1 + 13^0 + 18^0 + 27^2 = 50 + 111 + 130 + 180 + 272 \\ 743 &:= 2^9 + 12^1 + 14^2 + 22^1 + 23^0 = 29 + 121 + 142 + 221 + 230 & 743 &:= 5^0 + 11^1 + 14^0 + 17^0 + 27^2 = 50 + 111 + 140 + 170 + 272 \\ 743 &:= 2^9 + 13^1 + 14^2 + 21^1 + 23^0 = 29 + 131 + 142 + 211 + 230 & 743 &:= 5^0 + 11^1 + 15^0 + 16^0 + 27^2 = 50 + 111 + 150 + 160 + 272 \\ 743 &:= 2^9 + 14^1 + 14^2 + 20^1 + 23^0 = 29 + 141 + 142 + 201 + 230 & 743 &:= 5^0 + 5^0 + 11^1 + 26^0 + 27^2 = 50 + 50 + 111 + 260 + 272 \\ 743 &:= 2^9 + 14^2 + 15^1 + 19^1 + 23^0 = 29 + 142 + 151 + 191 + 230 & 743 &:= 5^0 + 6^0 + 11^1 + 25^0 + 27^2 = 50 + 60 + 111 + 250 + 272 \\ 743 &:= 2^9 + 14^2 + 16^1 + 18^1 + 23^0 = 29 + 142 + 161 + 181 + 230 & 743 &:= 5^0 + 7^0 + 11^1 + 24^0 + 27^2 = 50 + 70 + 111 + 240 + 272 \\ 743 &:= 2^9 + 14^2 + 17^1 + 17^1 + 23^0 = 29 + 142 + 171 + 171 + 230 & 743 &:= 5^0 + 8^0 + 11^1 + 23^0 + 27^2 = 50 + 80 + 111 + 230 + 272 \\ 743 &:= 2^9 + 6^3 + 13^1 + 25^0 + 27^0 = 29 + 63 + 131 + 250 + 270 & 743 &:= 5^0 + 9^0 + 11^1 + 22^0 + 27^2 = 50 + 90 + 111 + 220 + 272 \\ 743 &:= 2^9 + 6^3 + 13^1 + 26^0 + 26^0 = 29 + 63 + 131 + 260 + 260 & 743 &:= 6^0 + 10^0 + 11^1 + 20^0 + 27^2 = 60 + 100 + 111 + 200 + 272 \\ 743 &:= 2^9 + 7^1 + 14^2 + 23^0 + 27^1 = 29 + 71 + 142 + 230 + 271 & 743 &:= 6^0 + 11^0 + 11^1 + 19^0 + 27^2 = 60 + 110 + 111 + 190 + 272 \\ 743 &:= 2^9 + 8^1 + 14^2 + 23^0 + 26^1 = 29 + 81 + 142 + 230 + 261 & 743 &:= 6^0 + 11^1 + 12^0 + 18^0 + 27^2 = 60 + 111 + 120 + 180 + 272 \\ 743 &:= 2^9 + 9^1 + 14^2 + 23^0 + 25^1 = 29 + 91 + 142 + 230 + 251 & 743 &:= 6^0 + 11^1 + 13^0 + 17^0 + 27^2 = 60 + 111 + 130 + 170 + 272 \\ 743 &:= 3^0 + 10^0 + 11^1 + 23^0 + 27^2 = 30 + 100 + 111 + 230 + 272 & 743 &:= 6^0 + 11^1 + 14^0 + 16^0 + 27^2 = 60 + 111 + 140 + 160 + 272 \\ 743 &:= 3^0 + 11^0 + 11^1 + 22^0 + 27^2 = 30 + 110 + 111 + 220 + 272 & 743 &:= 6^0 + 11^1 + 15^0 + 15^0 + 27^2 = 60 + 111 + 150 + 150 + 272 \\ 743 &:= 3^0 + 11^1 + 12^0 + 21^0 + 27^2 = 30 + 111 + 120 + 210 + 272 & 743 &:= 6^0 + 6^0 + 11^1 + 24^0 + 27^2 = 60 + 60 + 111 + 240 + 272 \\ 743 &:= 3^0 + 11^1 + 13^0 + 20^0 + 27^2 = 30 + 111 + 130 + 200 + 272 & 743 &:= 6^0 + 7^0 + 11^1 + 23^0 + 27^2 = 60 + 70 + 111 + 230 + 272 \\ 743 &:= 3^0 + 11^1 + 14^0 + 19^0 + 27^2 = 30 + 111 + 140 + 190 + 272 & 743 &:= 6^0 + 8^0 + 11^1 + 22^0 + 27^2 = 60 + 80 + 111 + 220 + 272 \\ 743 &:= 3^0 + 11^1 + 15^0 + 18^0 + 27^2 = 30 + 111 + 150 + 180 + 272 & 743 &:= 6^0 + 9^0 + 11^1 + 21^0 + 27^2 = 60 + 90 + 111 + 210 + 272 \\ 743 &:= 3^0 + 11^1 + 16^0 + 17^0 + 27^2 = 30 + 111 + 160 + 170 + 272 & 743 &:= 7^0 + 10^0 + 11^1 + 19^0 + 27^2 = 70 + 100 + 111 + 190 + 272 \\ 743 &:= 3^0 + 6^0 + 11^1 + 27^0 + 27^2 = 30 + 60 + 111 + 270 + 272 & 743 &:= 7^0 + 11^0 + 11^1 + 18^0 + 27^2 = 70 + 110 + 111 + 180 + 272 \\ 743 &:= 3^0 + 7^0 + 11^1 + 26^0 + 27^2 = 30 + 70 + 111 + 260 + 272 & 743 &:= 7^0 + 11^1 + 12^0 + 17^0 + 27^2 = 70 + 111 + 120 + 170 + 272 \\ 743 &:= 3^0 + 8^0 + 11^1 + 25^0 + 27^2 = 30 + 80 + 111 + 250 + 272 & 743 &:= 7^0 + 11^1 + 13^0 + 16^0 + 27^2 = 70 + 111 + 130 + 160 + 272 \\ 743 &:= 3^0 + 9^0 + 11^1 + 24^0 + 27^2 = 30 + 90 + 111 + 240 + 272 & 743 &:= 7^0 + 11^1 + 14^0 + 15^0 + 27^2 = 70 + 111 + 140 + 150 + 272 \\ 743 &:= 4^0 + 10^0 + 11^1 + 22^0 + 27^2 = 40 + 100 + 111 + 220 + 272 & 743 &:= 7^0 + 7^0 + 11^1 + 22^0 + 27^2 = 70 + 70 + 111 + 220 + 272 \\ 743 &:= 4^0 + 11^0 + 11^1 + 21^0 + 27^2 = 40 + 110 + 111 + 210 + 272 & 743 &:= 7^0 + 8^0 + 11^1 + 21^0 + 27^2 = 70 + 80 + 111 + 210 + 272 \\ 743 &:= 4^0 + 11^1 + 12^0 + 20^0 + 27^2 = 40 + 111 + 120 + 200 + 272 & 743 &:= 7^0 + 9^0 + 11^1 + 20^0 + 27^2 = 70 + 90 + 111 + 200 + 272 \\ 743 &:= 4^0 + 11^1 + 13^0 + 19^0 + 27^2 = 40 + 111 + 130 + 190 + 272 & 743 &:= 8^0 + 10^0 + 11^1 + 18^0 + 27^2 = 80 + 100 + 111 + 180 + 272 \\ 743 &:= 4^0 + 11^1 + 14^0 + 18^0 + 27^2 = 40 + 111 + 140 + 180 + 272 & 743 &:= 8^0 + 11^0 + 11^1 + 17^0 + 27^2 = 80 + 110 + 111 + 170 + 272 \\ 743 &:= 4^0 + 11^1 + 15^0 + 17^0 + 27^2 = 40 + 111 + 150 + 170 + 272 & 743 &:= 8^0 + 11^1 + 12^0 + 16^0 + 27^2 = 80 + 111 + 120 + 160 + 272 \\ 743 &:= 4^0 + 11^1 + 16^0 + 16^0 + 27^2 = 40 + 111 + 160 + 160 + 272 & 743 &:= 8^0 + 11^1 + 13^0 + 15^0 + 27^2 = 80 + 111 + 130 + 150 + 272 \\ 743 &:= 4^0 + 5^0 + 11^1 + 27^0 + 27^2 = 40 + 50 + 111 + 270 + 272 & 743 &:= 8^0 + 11^1 + 14^0 + 14^0 + 27^2 = 80 + 111 + 140 + 140 + 272 \\ 743 &:= 4^0 + 6^0 + 11^1 + 26^0 + 27^2 = 40 + 60 + 111 + 260 + 272 & 743 &:= 8^0 + 8^0 + 11^1 + 20^0 + 27^2 = 80 + 80 + 111 + 200 + 272 \\ 743 &:= 4^0 + 7^0 + 11^1 + 25^0 + 27^2 = 40 + 70 + 111 + 250 + 272 & 743 &:= 8^0 + 9^0 + 11^1 + 19^0 + 27^2 = 80 + 90 + 111 + 190 + 272 \end{aligned}$$

$$743 := 9^0 + 10^0 + 11^1 + 17^0 + 27^2 = 90 + 100 + 111 + 170 + 272$$

$$743 := 9^0 + 11^0 + 11^1 + 16^0 + 27^2 = 90 + 110 + 111 + 160 + 272$$

$$743 := 9^0 + 11^1 + 12^0 + 15^0 + 27^2 = 90 + 111 + 120 + 150 + 272$$

$$743 := 9^0 + 11^1 + 13^0 + 14^0 + 27^2 = 90 + 111 + 130 + 140 + 272$$

$$743 := 9^0 + 9^0 + 11^1 + 18^0 + 27^2 = 90 + 90 + 111 + 180 + 272$$

2.2.645 Number 744

$$744 := 9^3 + 14^1 + 51^0 = 93 + 141 + 510$$

$$744 := 1^0 + 9^3 + 13^1 + 51^0 = 10 + 93 + 131 + 510$$

$$744 := 1^1 + 13^1 + 27^2 + 33^0 = 11 + 131 + 272 + 330$$

$$744 := 1^7 + 3^6 + 13^1 + 56^0 = 17 + 36 + 131 + 560$$

$$744 := 2^0 + 9^3 + 13^1 + 50^0 = 20 + 93 + 131 + 500$$

$$744 := 2^1 + 12^1 + 27^2 + 33^0 = 21 + 121 + 272 + 330$$

$$744 := 3^0 + 9^3 + 13^1 + 49^0 = 30 + 93 + 131 + 490$$

$$744 := 3^1 + 11^1 + 27^2 + 33^0 = 31 + 111 + 272 + 330$$

$$744 := 4^0 + 9^3 + 13^1 + 48^0 = 40 + 93 + 131 + 480$$

$$744 := 4^1 + 10^1 + 27^2 + 33^0 = 41 + 101 + 272 + 330$$

$$744 := 5^0 + 9^3 + 13^1 + 47^0 = 50 + 93 + 131 + 470$$

$$744 := 5^1 + 9^1 + 27^2 + 33^0 = 51 + 91 + 272 + 330$$

$$744 := 6^0 + 9^3 + 13^1 + 46^0 = 60 + 93 + 131 + 460$$

$$744 := 6^1 + 8^1 + 27^2 + 33^0 = 61 + 81 + 272 + 330$$

$$744 := 7^0 + 9^3 + 13^1 + 45^0 = 70 + 93 + 131 + 450$$

$$744 := 7^1 + 7^1 + 27^2 + 33^0 = 71 + 71 + 272 + 330$$

$$744 := 8^0 + 9^3 + 13^1 + 44^0 = 80 + 93 + 131 + 440$$

$$744 := 9^0 + 9^3 + 13^1 + 43^0 = 90 + 93 + 131 + 430$$

$$744 := 9^3 + 10^0 + 13^1 + 42^0 = 93 + 100 + 131 + 420$$

$$744 := 9^3 + 11^0 + 13^1 + 41^0 = 93 + 110 + 131 + 410$$

$$744 := 9^3 + 12^0 + 13^1 + 40^0 = 93 + 120 + 131 + 400$$

$$744 := 9^3 + 13^0 + 13^1 + 39^0 = 93 + 130 + 131 + 390$$

$$744 := 9^3 + 13^1 + 14^0 + 38^0 = 93 + 131 + 140 + 380$$

$$744 := 9^3 + 13^1 + 15^0 + 37^0 = 93 + 131 + 150 + 370$$

$$744 := 9^3 + 13^1 + 16^0 + 36^0 = 93 + 131 + 160 + 360$$

$$744 := 9^3 + 13^1 + 17^0 + 35^0 = 93 + 131 + 170 + 350$$

$$744 := 9^3 + 13^1 + 18^0 + 34^0 = 93 + 131 + 180 + 340$$

$$744 := 9^3 + 13^1 + 19^0 + 33^0 = 93 + 131 + 190 + 330$$

$$744 := 9^3 + 13^1 + 20^0 + 32^0 = 93 + 131 + 200 + 320$$

$$744 := 9^3 + 13^1 + 21^0 + 31^0 = 93 + 131 + 210 + 310$$

$$744 := 9^3 + 13^1 + 22^0 + 30^0 = 93 + 131 + 220 + 300$$

$$744 := 9^3 + 13^1 + 23^0 + 29^0 = 93 + 131 + 230 + 290$$

$$744 := 9^3 + 13^1 + 24^0 + 28^0 = 93 + 131 + 240 + 280$$

$$744 := 9^3 + 13^1 + 25^0 + 27^0 = 93 + 131 + 250 + 270$$

$$744 := 9^3 + 13^1 + 26^0 + 26^0 = 93 + 131 + 260 + 260$$

$$744 := 9^3 + 14^1 + 51^0 = 93 + 141 + 510$$

$$744 := 1^0 + 9^3 + 12^1 + 25^0 + 27^0 = 10 + 93 + 121 + 250 + 270$$

$$744 := 1^0 + 9^3 + 12^1 + 26^0 + 26^0 = 10 + 93 + 121 + 260 + 260$$

$$744 := 1^1 + 10^0 + 12^1 + 24^0 + 27^2 = 11 + 100 + 121 + 240 + 272$$

$$744 := 1^1 + 11^0 + 12^1 + 23^0 + 27^2 = 11 + 110 + 121 + 230 + 272$$

$$744 := 1^1 + 12^0 + 12^1 + 22^0 + 27^2 = 11 + 120 + 121 + 220 + 272$$

$$744 := 1^1 + 12^1 + 13^0 + 21^0 + 27^2 = 11 + 121 + 130 + 210 + 272$$

$$744 := 1^1 + 12^1 + 14^0 + 20^0 + 27^2 = 11 + 121 + 140 + 200 + 272$$

$$744 := 1^1 + 12^1 + 15^0 + 19^0 + 27^2 = 11 + 121 + 150 + 190 + 272$$

$$744 := 1^1 + 12^1 + 16^0 + 18^0 + 27^2 = 11 + 121 + 160 + 180 + 272$$

$$744 := 1^1 + 12^1 + 17^0 + 17^0 + 27^2 = 11 + 121 + 170 + 170 + 272$$

$$744 := 1^1 + 7^0 + 12^1 + 27^0 + 27^2 = 11 + 70 + 121 + 270 + 272$$

$$744 := 1^1 + 8^0 + 12^1 + 26^0 + 27^2 = 11 + 80 + 121 + 260 + 272$$

$$744 := 1^1 + 9^0 + 12^1 + 25^0 + 27^2 = 11 + 90 + 121 + 250 + 272$$

$$744 := 1^9 + 10^2 + 17^1 + 20^0 + 25^2 = 19 + 102 + 171 + 200 + 252$$

$$744 := 1^9 + 12^1 + 17^2 + 21^2 + 22^0 = 19 + 121 + 172 + 212 + 220$$

$$744 := 1^9 + 12^2 + 14^0 + 22^1 + 24^2 = 19 + 122 + 140 + 221 + 242$$

$$744 := 1^9 + 14^0 + 19^2 + 19^2 + 20^1 = 19 + 140 + 192 + 192 + 201$$

$$744 := 1^9 + 14^2 + 17^1 + 18^0 + 23^2 = 19 + 142 + 171 + 180 + 232$$

$$744 := 1^9 + 16^0 + 18^1 + 18^2 + 20^2 = 19 + 160 + 181 + 182 + 202$$

$$744 := 1^9 + 7^2 + 17^1 + 22^0 + 26^2 = 19 + 72 + 171 + 220 + 262$$

$$744 := 2^0 + 9^3 + 12^1 + 24^0 + 27^0 = 20 + 93 + 121 + 240 + 270$$

$$744 := 2^0 + 9^3 + 12^1 + 25^0 + 26^0 = 20 + 93 + 121 + 250 + 260$$

$$744 := 2^1 + 10^0 + 11^1 + 24^0 + 27^2 = 21 + 100 + 111 + 240 + 272$$

$$744 := 2^1 + 11^0 + 11^1 + 23^0 + 27^2 = 21 + 110 + 111 + 230 + 272$$

$$744 := 2^1 + 11^1 + 12^0 + 22^0 + 27^2 = 21 + 111 + 120 + 220 + 272$$

$$744 := 2^1 + 11^1 + 13^0 + 21^0 + 27^2 = 21 + 111 + 130 + 210 + 272$$

$$744 := 2^1 + 11^1 + 14^0 + 20^0 + 27^2 = 21 + 111 + 140 + 200 + 272$$

$$744 := 2^1 + 11^1 + 15^0 + 19^0 + 27^2 = 21 + 111 + 150 + 190 + 272$$

$$\begin{aligned} 744 &:= 2^1 + 11^1 + 16^0 + 18^0 + 27^2 = 21 + 111 + 160 + 180 + 272 \\ 744 &:= 2^1 + 11^1 + 17^0 + 17^0 + 27^2 = 21 + 111 + 170 + 170 + 272 \\ 744 &:= 2^1 + 7^0 + 11^1 + 27^0 + 27^2 = 21 + 70 + 111 + 270 + 272 \\ 744 &:= 2^1 + 8^0 + 11^1 + 26^0 + 27^2 = 21 + 80 + 111 + 260 + 272 \\ 744 &:= 2^1 + 9^0 + 11^1 + 25^0 + 27^2 = 21 + 90 + 111 + 250 + 272 \\ 744 &:= 2^4 + 2^7 + 22^0 + 23^1 + 24^2 = 24 + 27 + 220 + 231 + 242 \\ 744 &:= 2^5 + 2^6 + 22^0 + 22^1 + 25^2 = 25 + 26 + 220 + 221 + 252 \\ 744 &:= 2^8 + 4^3 + 20^2 + 23^1 + 24^0 = 28 + 43 + 202 + 231 + 240 \\ 744 &:= 2^9 + 6^2 + 13^2 + 26^0 + 26^1 = 29 + 62 + 132 + 260 + 261 \\ 744 &:= 3^0 + 9^3 + 12^1 + 23^0 + 27^0 = 30 + 93 + 121 + 230 + 270 \\ 744 &:= 3^0 + 9^3 + 12^1 + 24^0 + 26^0 = 30 + 93 + 121 + 240 + 260 \\ 744 &:= 3^0 + 9^3 + 12^1 + 25^0 + 25^0 = 30 + 93 + 121 + 250 + 250 \\ 744 &:= 3^1 + 10^0 + 10^1 + 24^0 + 27^2 = 31 + 100 + 101 + 240 + 272 \\ 744 &:= 3^1 + 10^1 + 11^0 + 23^0 + 27^2 = 31 + 101 + 110 + 230 + 272 \\ 744 &:= 3^1 + 10^1 + 12^0 + 22^0 + 27^2 = 31 + 101 + 120 + 220 + 272 \\ 744 &:= 3^1 + 10^1 + 13^0 + 21^0 + 27^2 = 31 + 101 + 130 + 210 + 272 \\ 744 &:= 3^1 + 10^1 + 14^0 + 20^0 + 27^2 = 31 + 101 + 140 + 200 + 272 \\ 744 &:= 3^1 + 10^1 + 15^0 + 19^0 + 27^2 = 31 + 101 + 150 + 190 + 272 \\ 744 &:= 3^1 + 10^1 + 16^0 + 18^0 + 27^2 = 31 + 101 + 160 + 180 + 272 \\ 744 &:= 3^1 + 10^1 + 17^0 + 17^0 + 27^2 = 31 + 101 + 170 + 170 + 272 \\ 744 &:= 3^1 + 7^0 + 10^1 + 27^0 + 27^2 = 31 + 70 + 101 + 270 + 272 \\ 744 &:= 3^1 + 8^0 + 10^1 + 26^0 + 27^2 = 31 + 80 + 101 + 260 + 272 \\ 744 &:= 3^1 + 9^0 + 10^1 + 25^0 + 27^2 = 31 + 90 + 101 + 250 + 272 \\ 744 &:= 4^0 + 9^3 + 12^1 + 22^0 + 27^0 = 40 + 93 + 121 + 220 + 270 \\ 744 &:= 4^0 + 9^3 + 12^1 + 23^0 + 26^0 = 40 + 93 + 121 + 230 + 260 \\ 744 &:= 4^0 + 9^3 + 12^1 + 24^0 + 25^0 = 40 + 93 + 121 + 240 + 250 \\ 744 &:= 4^1 + 7^0 + 9^1 + 27^0 + 27^2 = 41 + 70 + 91 + 270 + 272 \\ 744 &:= 4^1 + 8^0 + 9^1 + 26^0 + 27^2 = 41 + 80 + 91 + 260 + 272 \\ 744 &:= 4^1 + 9^0 + 9^1 + 25^0 + 27^2 = 41 + 90 + 91 + 250 + 272 \\ 744 &:= 4^1 + 9^1 + 10^0 + 24^0 + 27^2 = 41 + 91 + 100 + 240 + 272 \\ 744 &:= 4^1 + 9^1 + 11^0 + 23^0 + 27^2 = 41 + 91 + 110 + 230 + 272 \\ 744 &:= 4^1 + 9^1 + 12^0 + 22^0 + 27^2 = 41 + 91 + 120 + 220 + 272 \\ 744 &:= 4^1 + 9^1 + 13^0 + 21^0 + 27^2 = 41 + 91 + 130 + 210 + 272 \\ 744 &:= 4^1 + 9^1 + 14^0 + 20^0 + 27^2 = 41 + 91 + 140 + 200 + 272 \\ 744 &:= 4^1 + 9^1 + 15^0 + 19^0 + 27^2 = 41 + 91 + 150 + 190 + 272 \\ 744 &:= 4^1 + 9^1 + 16^0 + 18^0 + 27^2 = 41 + 91 + 160 + 180 + 272 \\ 744 &:= 4^1 + 9^1 + 17^0 + 17^0 + 27^2 = 41 + 91 + 170 + 170 + 272 \\ 744 &:= 5^0 + 9^3 + 12^1 + 21^0 + 27^0 = 50 + 93 + 121 + 210 + 270 \end{aligned}$$

$$\begin{aligned} 744 &:= 5^0 + 9^3 + 12^1 + 22^0 + 26^0 = 50 + 93 + 121 + 220 + 260 \\ 744 &:= 5^0 + 9^3 + 12^1 + 23^0 + 25^0 = 50 + 93 + 121 + 230 + 250 \\ 744 &:= 5^0 + 9^3 + 12^1 + 24^0 + 24^0 = 50 + 93 + 121 + 240 + 240 \\ 744 &:= 5^1 + 7^0 + 8^1 + 27^0 + 27^2 = 51 + 70 + 81 + 270 + 272 \\ 744 &:= 5^1 + 8^0 + 8^1 + 26^0 + 27^2 = 51 + 80 + 81 + 260 + 272 \\ 744 &:= 5^1 + 8^1 + 10^0 + 24^0 + 27^2 = 51 + 81 + 100 + 240 + 272 \\ 744 &:= 5^1 + 8^1 + 11^0 + 23^0 + 27^2 = 51 + 81 + 110 + 230 + 272 \\ 744 &:= 5^1 + 8^1 + 12^0 + 22^0 + 27^2 = 51 + 81 + 120 + 220 + 272 \\ 744 &:= 5^1 + 8^1 + 13^0 + 21^0 + 27^2 = 51 + 81 + 130 + 210 + 272 \\ 744 &:= 5^1 + 8^1 + 14^0 + 20^0 + 27^2 = 51 + 81 + 140 + 200 + 272 \\ 744 &:= 5^1 + 8^1 + 15^0 + 19^0 + 27^2 = 51 + 81 + 150 + 190 + 272 \\ 744 &:= 5^1 + 8^1 + 16^0 + 18^0 + 27^2 = 51 + 81 + 160 + 180 + 272 \\ 744 &:= 5^1 + 8^1 + 17^0 + 17^0 + 27^2 = 51 + 81 + 170 + 170 + 272 \\ 744 &:= 5^1 + 8^1 + 9^0 + 25^0 + 27^2 = 51 + 81 + 90 + 250 + 272 \\ 744 &:= 6^0 + 9^3 + 12^1 + 20^0 + 27^0 = 60 + 93 + 121 + 200 + 270 \\ 744 &:= 6^0 + 9^3 + 12^1 + 21^0 + 26^0 = 60 + 93 + 121 + 210 + 260 \\ 744 &:= 6^0 + 9^3 + 12^1 + 22^0 + 25^0 = 60 + 93 + 121 + 220 + 250 \\ 744 &:= 6^0 + 9^3 + 12^1 + 23^0 + 24^0 = 60 + 93 + 121 + 230 + 240 \\ 744 &:= 6^1 + 7^0 + 7^1 + 27^0 + 27^2 = 61 + 70 + 71 + 270 + 272 \\ 744 &:= 6^1 + 7^1 + 10^0 + 24^0 + 27^2 = 61 + 71 + 100 + 240 + 272 \\ 744 &:= 6^1 + 7^1 + 11^0 + 23^0 + 27^2 = 61 + 71 + 110 + 230 + 272 \\ 744 &:= 6^1 + 7^1 + 12^0 + 22^0 + 27^2 = 61 + 71 + 120 + 220 + 272 \\ 744 &:= 6^1 + 7^1 + 13^0 + 21^0 + 27^2 = 61 + 71 + 130 + 210 + 272 \\ 744 &:= 6^1 + 7^1 + 14^0 + 20^0 + 27^2 = 61 + 71 + 140 + 200 + 272 \\ 744 &:= 6^1 + 7^1 + 15^0 + 19^0 + 27^2 = 61 + 71 + 150 + 190 + 272 \\ 744 &:= 6^1 + 7^1 + 16^0 + 18^0 + 27^2 = 61 + 71 + 160 + 180 + 272 \\ 744 &:= 6^1 + 7^1 + 17^0 + 17^0 + 27^2 = 61 + 71 + 170 + 170 + 272 \\ 744 &:= 6^1 + 7^1 + 8^0 + 26^0 + 27^2 = 61 + 71 + 80 + 260 + 272 \\ 744 &:= 6^1 + 7^1 + 9^0 + 25^0 + 27^2 = 61 + 71 + 90 + 250 + 272 \\ 744 &:= 7^0 + 9^3 + 12^1 + 19^0 + 27^0 = 70 + 93 + 121 + 190 + 270 \\ 744 &:= 7^0 + 9^3 + 12^1 + 20^0 + 26^0 = 70 + 93 + 121 + 200 + 260 \\ 744 &:= 7^0 + 9^3 + 12^1 + 21^0 + 25^0 = 70 + 93 + 121 + 210 + 250 \\ 744 &:= 7^0 + 9^3 + 12^1 + 22^0 + 24^0 = 70 + 93 + 121 + 220 + 240 \\ 744 &:= 7^0 + 9^3 + 12^1 + 23^0 + 23^0 = 70 + 93 + 121 + 230 + 230 \\ 744 &:= 8^0 + 9^3 + 12^1 + 18^0 + 27^0 = 80 + 93 + 121 + 180 + 270 \\ 744 &:= 8^0 + 9^3 + 12^1 + 19^0 + 26^0 = 80 + 93 + 121 + 190 + 260 \\ 744 &:= 8^0 + 9^3 + 12^1 + 20^0 + 25^0 = 80 + 93 + 121 + 200 + 250 \\ 744 &:= 8^0 + 9^3 + 12^1 + 21^0 + 24^0 = 80 + 93 + 121 + 210 + 240 \end{aligned}$$

$$\begin{aligned}
 744 &:= 8^0 + 9^3 + 12^1 + 22^0 + 23^0 = 80 + 93 + 121 + 220 + 230 \\
 744 &:= 9^0 + 9^3 + 12^1 + 17^0 + 27^0 = 90 + 93 + 121 + 170 + 270 \\
 744 &:= 9^0 + 9^3 + 12^1 + 18^0 + 26^0 = 90 + 93 + 121 + 180 + 260 \\
 744 &:= 9^0 + 9^3 + 12^1 + 19^0 + 25^0 = 90 + 93 + 121 + 190 + 250 \\
 744 &:= 9^0 + 9^3 + 12^1 + 20^0 + 24^0 = 90 + 93 + 121 + 200 + 240 \\
 744 &:= 9^0 + 9^3 + 12^1 + 21^0 + 23^0 = 90 + 93 + 121 + 210 + 230 \\
 744 &:= 9^0 + 9^3 + 12^1 + 22^0 + 22^0 = 90 + 93 + 121 + 220 + 220 \\
 744 &:= 9^3 + 10^0 + 12^1 + 16^0 + 27^0 = 93 + 100 + 121 + 160 + 270 \\
 744 &:= 9^3 + 10^0 + 12^1 + 17^0 + 26^0 = 93 + 100 + 121 + 170 + 260 \\
 744 &:= 9^3 + 10^0 + 12^1 + 18^0 + 25^0 = 93 + 100 + 121 + 180 + 250 \\
 744 &:= 9^3 + 10^0 + 12^1 + 19^0 + 24^0 = 93 + 100 + 121 + 190 + 240 \\
 744 &:= 9^3 + 10^0 + 12^1 + 20^0 + 23^0 = 93 + 100 + 121 + 200 + 230 \\
 744 &:= 9^3 + 10^0 + 12^1 + 21^0 + 22^0 = 93 + 100 + 121 + 210 + 220 \\
 744 &:= 9^3 + 11^0 + 12^1 + 15^0 + 27^0 = 93 + 110 + 121 + 150 + 270 \\
 744 &:= 9^3 + 11^0 + 12^1 + 16^0 + 26^0 = 93 + 110 + 121 + 160 + 260 \\
 744 &:= 9^3 + 11^0 + 12^1 + 17^0 + 25^0 = 93 + 110 + 121 + 170 + 250 \\
 744 &:= 9^3 + 11^0 + 12^1 + 18^0 + 24^0 = 93 + 110 + 121 + 180 + 240 \\
 744 &:= 9^3 + 11^0 + 12^1 + 19^0 + 23^0 = 93 + 110 + 121 + 190 + 230 \\
 744 &:= 9^3 + 11^0 + 12^1 + 20^0 + 22^0 = 93 + 110 + 121 + 200 + 220 \\
 744 &:= 9^3 + 11^0 + 12^1 + 21^0 + 21^0 = 93 + 110 + 121 + 210 + 210 \\
 744 &:= 9^3 + 12^0 + 12^1 + 14^0 + 27^0 = 93 + 120 + 121 + 140 + 270 \\
 744 &:= 9^3 + 12^0 + 12^1 + 15^0 + 26^0 = 93 + 120 + 121 + 150 + 260 \\
 744 &:= 9^3 + 12^0 + 12^1 + 16^0 + 25^0 = 93 + 120 + 121 + 160 + 250 \\
 744 &:= 9^3 + 12^0 + 12^1 + 17^0 + 24^0 = 93 + 120 + 121 + 170 + 240 \\
 744 &:= 9^3 + 12^0 + 12^1 + 18^0 + 23^0 = 93 + 120 + 121 + 180 + 230 \\
 744 &:= 9^3 + 12^0 + 12^1 + 19^0 + 22^0 = 93 + 120 + 121 + 190 + 220
 \end{aligned}$$

$$\begin{aligned}
 744 &:= 9^3 + 12^0 + 12^1 + 20^0 + 21^0 = 93 + 120 + 121 + 200 + 210 \\
 744 &:= 9^3 + 12^1 + 13^0 + 13^0 + 27^0 = 93 + 121 + 130 + 130 + 270 \\
 744 &:= 9^3 + 12^1 + 13^0 + 14^0 + 26^0 = 93 + 121 + 130 + 140 + 260 \\
 744 &:= 9^3 + 12^1 + 13^0 + 15^0 + 25^0 = 93 + 121 + 130 + 150 + 250 \\
 744 &:= 9^3 + 12^1 + 13^0 + 16^0 + 24^0 = 93 + 121 + 130 + 160 + 240 \\
 744 &:= 9^3 + 12^1 + 13^0 + 17^0 + 23^0 = 93 + 121 + 130 + 170 + 230 \\
 744 &:= 9^3 + 12^1 + 13^0 + 18^0 + 22^0 = 93 + 121 + 130 + 180 + 220 \\
 744 &:= 9^3 + 12^1 + 13^0 + 19^0 + 21^0 = 93 + 121 + 130 + 190 + 210 \\
 744 &:= 9^3 + 12^1 + 13^0 + 20^0 + 20^0 = 93 + 121 + 130 + 200 + 200 \\
 744 &:= 9^3 + 12^1 + 14^0 + 14^0 + 25^0 = 93 + 121 + 140 + 140 + 250 \\
 744 &:= 9^3 + 12^1 + 14^0 + 15^0 + 24^0 = 93 + 121 + 140 + 150 + 240 \\
 744 &:= 9^3 + 12^1 + 14^0 + 16^0 + 23^0 = 93 + 121 + 140 + 160 + 230 \\
 744 &:= 9^3 + 12^1 + 14^0 + 17^0 + 22^0 = 93 + 121 + 140 + 170 + 220 \\
 744 &:= 9^3 + 12^1 + 14^0 + 18^0 + 21^0 = 93 + 121 + 140 + 180 + 210 \\
 744 &:= 9^3 + 12^1 + 14^0 + 19^0 + 20^0 = 93 + 121 + 140 + 190 + 200 \\
 744 &:= 9^3 + 12^1 + 15^0 + 15^0 + 23^0 = 93 + 121 + 150 + 150 + 230 \\
 744 &:= 9^3 + 12^1 + 15^0 + 16^0 + 22^0 = 93 + 121 + 150 + 160 + 220 \\
 744 &:= 9^3 + 12^1 + 15^0 + 17^0 + 21^0 = 93 + 121 + 150 + 170 + 210 \\
 744 &:= 9^3 + 12^1 + 15^0 + 18^0 + 20^0 = 93 + 121 + 150 + 180 + 200 \\
 744 &:= 9^3 + 12^1 + 15^0 + 19^0 + 19^0 = 93 + 121 + 150 + 190 + 190 \\
 744 &:= 9^3 + 12^1 + 16^0 + 16^0 + 21^0 = 93 + 121 + 160 + 160 + 210 \\
 744 &:= 9^3 + 12^1 + 16^0 + 17^0 + 20^0 = 93 + 121 + 160 + 170 + 200 \\
 744 &:= 9^3 + 12^1 + 16^0 + 18^0 + 19^0 = 93 + 121 + 160 + 180 + 190 \\
 744 &:= 9^3 + 12^1 + 17^0 + 17^0 + 19^0 = 93 + 121 + 170 + 170 + 190 \\
 744 &:= 9^3 + 12^1 + 17^0 + 18^0 + 18^0 = 93 + 121 + 170 + 180 + 180
 \end{aligned}$$

2.2.646 Number 745

$$\begin{aligned}
 745 &:= 1^0 + 7^3 + 20^2 + 46^0 = 10 + 73 + 202 + 460 \\
 745 &:= 1^1 + 9^3 + 14^1 + 50^0 = 11 + 93 + 141 + 500 \\
 745 &:= 1^2 + 14^1 + 27^2 + 32^0 = 12 + 141 + 272 + 320 \\
 745 &:= 1^8 + 3^6 + 14^1 + 55^0 = 18 + 36 + 141 + 550 \\
 745 &:= 1^8 + 4^4 + 21^2 + 47^1 = 18 + 44 + 212 + 471 \\
 745 &:= 1^8 + 7^3 + 7^3 + 58^1 = 18 + 73 + 73 + 581 \\
 745 &:= 1^9 + 5^3 + 24^2 + 43^1 = 19 + 53 + 242 + 431 \\
 745 &:= 1^9 + 6^3 + 22^2 + 44^1 = 19 + 63 + 222 + 441 \\
 745 &:= 10^2 + 19^1 + 20^0 + 25^2 = 102 + 191 + 200 + 252
 \end{aligned}$$

$$\begin{aligned}
 745 &:= 12^2 + 14^0 + 24^1 + 24^2 = 122 + 140 + 241 + 242 \\
 745 &:= 14^0 + 19^2 + 19^2 + 22^1 = 140 + 192 + 192 + 221 \\
 745 &:= 14^1 + 17^2 + 21^2 + 22^0 = 141 + 172 + 212 + 220 \\
 745 &:= 14^2 + 18^0 + 19^1 + 23^2 = 142 + 180 + 191 + 232 \\
 745 &:= 16^0 + 18^2 + 20^1 + 20^2 = 160 + 182 + 201 + 202 \\
 745 &:= 2^0 + 15^2 + 22^2 + 35^1 = 20 + 152 + 222 + 351 \\
 745 &:= 2^0 + 7^3 + 20^2 + 45^0 = 20 + 73 + 202 + 450 \\
 745 &:= 2^0 + 9^2 + 25^2 + 38^1 = 20 + 92 + 252 + 381 \\
 745 &:= 2^1 + 9^3 + 13^1 + 50^0 = 21 + 93 + 131 + 500
 \end{aligned}$$

$745 := 2^2 + 11^1 + 27^2 + 34^0$	$= 22 + 111 + 272 + 340$	$745 := 1^0 + 14^0 + 19^2 + 19^2 + 21^1$	$= 10 + 140 + 192 + 192 + 211$
$745 := 2^3 + 2^9 + 13^2 + 56^1$	$= 23 + 29 + 132 + 561$	$745 := 1^0 + 14^2 + 18^0 + 18^1 + 23^2$	$= 10 + 142 + 180 + 181 + 232$
$745 := 2^7 + 3^5 + 18^2 + 50^1$	$= 27 + 35 + 182 + 501$	$745 := 1^0 + 16^0 + 18^2 + 19^1 + 20^2$	$= 10 + 160 + 182 + 191 + 202$
$745 := 2^9 + 5^3 + 7^2 + 59^1$	$= 29 + 53 + 72 + 591$	$745 := 1^0 + 7^2 + 18^1 + 22^0 + 26^2$	$= 10 + 72 + 181 + 220 + 262$
$745 := 3^0 + 7^3 + 20^2 + 44^0$	$= 30 + 73 + 202 + 440$	$745 := 1^1 + 9^3 + 13^1 + 24^0 + 27^0$	$= 11 + 93 + 131 + 240 + 270$
$745 := 3^1 + 9^3 + 12^1 + 50^0$	$= 31 + 93 + 121 + 500$	$745 := 1^1 + 9^3 + 13^1 + 25^0 + 26^0$	$= 11 + 93 + 131 + 250 + 260$
$745 := 3^2 + 6^1 + 27^2 + 38^0$	$= 32 + 61 + 272 + 380$	$745 := 1^2 + 10^0 + 13^1 + 23^0 + 27^2$	$= 12 + 100 + 131 + 230 + 272$
$745 := 4^0 + 7^3 + 20^2 + 43^0$	$= 40 + 73 + 202 + 430$	$745 := 1^2 + 11^0 + 13^1 + 22^0 + 27^2$	$= 12 + 110 + 131 + 220 + 272$
$745 := 4^1 + 16^2 + 22^2 + 32^0$	$= 41 + 162 + 222 + 320$	$745 := 1^2 + 12^0 + 13^1 + 21^0 + 27^2$	$= 12 + 120 + 131 + 210 + 272$
$745 := 4^1 + 8^2 + 26^2 + 36^0$	$= 41 + 82 + 262 + 360$	$745 := 1^2 + 13^0 + 13^1 + 20^0 + 27^2$	$= 12 + 130 + 131 + 200 + 272$
$745 := 4^1 + 9^3 + 11^1 + 50^0$	$= 41 + 93 + 111 + 500$	$745 := 1^2 + 13^1 + 14^0 + 19^0 + 27^2$	$= 12 + 131 + 140 + 190 + 272$
$745 := 5^0 + 7^3 + 20^2 + 42^0$	$= 50 + 73 + 202 + 420$	$745 := 1^2 + 13^1 + 15^0 + 18^0 + 27^2$	$= 12 + 131 + 150 + 180 + 272$
$745 := 5^1 + 9^3 + 10^1 + 50^0$	$= 51 + 93 + 101 + 500$	$745 := 1^2 + 13^1 + 16^0 + 17^0 + 27^2$	$= 12 + 131 + 160 + 170 + 272$
$745 := 6^0 + 7^3 + 20^2 + 41^0$	$= 60 + 73 + 202 + 410$	$745 := 1^2 + 6^0 + 13^1 + 27^0 + 27^2$	$= 12 + 60 + 131 + 270 + 272$
$745 := 6^1 + 9^1 + 9^3 + 50^0$	$= 61 + 91 + 93 + 500$	$745 := 1^2 + 7^0 + 13^1 + 26^0 + 27^2$	$= 12 + 70 + 131 + 260 + 272$
$745 := 6^2 + 10^0 + 26^2 + 32^1$	$= 62 + 100 + 262 + 321$	$745 := 1^2 + 8^0 + 13^1 + 25^0 + 27^2$	$= 12 + 80 + 131 + 250 + 272$
$745 := 7^0 + 7^3 + 20^2 + 40^0$	$= 70 + 73 + 202 + 400$	$745 := 1^2 + 9^0 + 13^1 + 24^0 + 27^2$	$= 12 + 90 + 131 + 240 + 272$
$745 := 7^1 + 8^1 + 9^3 + 50^0$	$= 71 + 81 + 93 + 500$	$745 := 1^7 + 4^4 + 20^1 + 21^2 + 27^1$	$= 17 + 44 + 201 + 212 + 271$
$745 := 7^2 + 19^1 + 22^0 + 26^2$	$= 72 + 191 + 220 + 262$	$745 := 1^7 + 4^4 + 21^1 + 21^2 + 26^1$	$= 17 + 44 + 211 + 212 + 261$
$745 := 7^3 + 10^0 + 20^2 + 37^0$	$= 73 + 100 + 202 + 370$	$745 := 1^7 + 4^4 + 21^2 + 22^1 + 25^1$	$= 17 + 44 + 212 + 221 + 251$
$745 := 7^3 + 11^0 + 20^2 + 36^0$	$= 73 + 110 + 202 + 360$	$745 := 1^7 + 4^4 + 21^2 + 23^1 + 24^1$	$= 17 + 44 + 212 + 231 + 241$
$745 := 7^3 + 12^0 + 20^2 + 35^0$	$= 73 + 120 + 202 + 350$	$745 := 1^8 + 10^2 + 16^2 + 19^2 + 27^1$	$= 18 + 102 + 162 + 192 + 271$
$745 := 7^3 + 13^0 + 20^2 + 34^0$	$= 73 + 130 + 202 + 340$	$745 := 1^8 + 11^2 + 14^2 + 20^2 + 27^1$	$= 18 + 112 + 142 + 202 + 271$
$745 := 7^3 + 14^0 + 20^2 + 33^0$	$= 73 + 140 + 202 + 330$	$745 := 1^8 + 13^2 + 15^2 + 18^2 + 26^1$	$= 18 + 132 + 152 + 182 + 261$
$745 := 7^3 + 15^0 + 20^2 + 32^0$	$= 73 + 150 + 202 + 320$	$745 := 1^8 + 5^3 + 16^1 + 24^2 + 27^1$	$= 18 + 53 + 161 + 242 + 271$
$745 := 7^3 + 16^0 + 20^2 + 31^0$	$= 73 + 160 + 202 + 310$	$745 := 1^8 + 5^3 + 17^1 + 24^2 + 26^1$	$= 18 + 53 + 171 + 242 + 261$
$745 := 7^3 + 17^0 + 20^2 + 30^0$	$= 73 + 170 + 202 + 300$	$745 := 1^8 + 5^3 + 18^1 + 24^2 + 25^1$	$= 18 + 53 + 181 + 242 + 251$
$745 := 7^3 + 18^0 + 20^2 + 29^0$	$= 73 + 180 + 202 + 290$	$745 := 1^8 + 5^3 + 19^1 + 24^1 + 24^2$	$= 18 + 53 + 191 + 241 + 242$
$745 := 7^3 + 19^0 + 20^2 + 28^0$	$= 73 + 190 + 202 + 280$	$745 := 1^8 + 5^3 + 20^1 + 23^1 + 24^2$	$= 18 + 53 + 201 + 231 + 242$
$745 := 7^3 + 20^0 + 20^2 + 27^0$	$= 73 + 200 + 202 + 270$	$745 := 1^8 + 5^3 + 21^1 + 22^1 + 24^2$	$= 18 + 53 + 211 + 221 + 242$
$745 := 7^3 + 20^2 + 21^0 + 26^0$	$= 73 + 202 + 210 + 260$	$745 := 1^8 + 6^3 + 17^1 + 22^2 + 27^1$	$= 18 + 63 + 171 + 222 + 271$
$745 := 7^3 + 20^2 + 22^0 + 25^0$	$= 73 + 202 + 220 + 250$	$745 := 1^8 + 6^3 + 18^1 + 22^2 + 26^1$	$= 18 + 63 + 181 + 222 + 261$
$745 := 7^3 + 20^2 + 23^0 + 24^0$	$= 73 + 202 + 230 + 240$	$745 := 1^8 + 6^3 + 19^1 + 22^2 + 25^1$	$= 18 + 63 + 191 + 222 + 251$
$745 := 7^3 + 8^0 + 20^2 + 39^0$	$= 73 + 80 + 202 + 390$	$745 := 1^8 + 6^3 + 20^1 + 22^2 + 24^1$	$= 18 + 63 + 201 + 222 + 241$
$745 := 7^3 + 9^0 + 20^2 + 38^0$	$= 73 + 90 + 202 + 380$	$745 := 1^8 + 6^3 + 21^1 + 22^2 + 23^1$	$= 18 + 63 + 211 + 222 + 231$
$745 := 1^0 + 10^2 + 18^1 + 20^0 + 25^2$	$= 10 + 102 + 181 + 200 + 252$	$745 := 1^8 + 6^3 + 22^1 + 22^1 + 22^2$	$= 18 + 63 + 221 + 221 + 222$
$745 := 1^0 + 12^2 + 14^0 + 23^1 + 24^2$	$= 10 + 122 + 140 + 231 + 242$	$745 := 1^9 + 10^1 + 15^2 + 22^2 + 25^1$	$= 19 + 101 + 152 + 222 + 251$
$745 := 1^0 + 13^1 + 17^2 + 21^2 + 22^0$	$= 10 + 131 + 172 + 212 + 220$	$745 := 1^9 + 11^1 + 15^2 + 22^2 + 24^1$	$= 19 + 111 + 152 + 222 + 241$

$$\begin{aligned} 745 &:= 1^9 + 12^1 + 15^2 + 22^2 + 23^1 = 19 + 121 + 152 + 222 + 231 & 745 &:= 2^2 + 9^0 + 10^1 + 26^0 + 27^2 = 22 + 90 + 101 + 260 + 272 \\ 745 &:= 1^9 + 13^1 + 15^2 + 22^1 + 22^2 = 19 + 131 + 152 + 221 + 222 & 745 &:= 2^9 + 6^2 + 12^2 + 26^1 + 27^1 = 29 + 62 + 122 + 261 + 271 \\ 745 &:= 1^9 + 14^1 + 15^2 + 21^1 + 22^2 = 19 + 141 + 152 + 211 + 222 & 745 &:= 2^9 + 9^2 + 10^2 + 25^1 + 27^1 = 29 + 92 + 102 + 251 + 271 \\ 745 &:= 1^9 + 15^1 + 15^2 + 20^1 + 22^2 = 19 + 151 + 152 + 201 + 222 & 745 &:= 2^9 + 9^2 + 10^2 + 26^1 + 26^1 = 29 + 92 + 102 + 261 + 261 \\ 745 &:= 1^9 + 15^2 + 16^1 + 19^1 + 22^2 = 19 + 152 + 161 + 191 + 222 & 745 &:= 3^0 + 10^2 + 18^0 + 18^1 + 25^2 = 30 + 102 + 180 + 181 + 252 \\ 745 &:= 1^9 + 15^2 + 17^1 + 18^1 + 22^2 = 19 + 152 + 171 + 181 + 222 & 745 &:= 3^0 + 12^0 + 12^2 + 23^1 + 24^2 = 30 + 120 + 122 + 231 + 242 \\ 745 &:= 1^9 + 8^1 + 15^2 + 22^2 + 27^1 = 19 + 81 + 152 + 222 + 271 & 745 &:= 3^0 + 12^0 + 19^2 + 19^2 + 21^1 = 30 + 120 + 192 + 192 + 211 \\ 745 &:= 1^9 + 9^1 + 15^2 + 22^2 + 26^1 = 19 + 91 + 152 + 222 + 261 & 745 &:= 3^0 + 13^1 + 17^2 + 20^0 + 21^2 = 30 + 131 + 172 + 200 + 212 \\ 745 &:= 1^9 + 9^2 + 11^1 + 25^2 + 27^1 = 19 + 92 + 111 + 252 + 271 & 745 &:= 3^0 + 14^0 + 18^2 + 19^1 + 20^2 = 30 + 140 + 182 + 191 + 202 \\ 745 &:= 1^9 + 9^2 + 12^1 + 25^2 + 26^1 = 19 + 92 + 121 + 252 + 261 & 745 &:= 3^0 + 14^2 + 16^0 + 18^1 + 23^2 = 30 + 142 + 160 + 181 + 232 \\ 745 &:= 1^9 + 9^2 + 13^1 + 25^1 + 25^2 = 19 + 92 + 131 + 251 + 252 & 745 &:= 3^0 + 7^2 + 18^1 + 20^0 + 26^2 = 30 + 72 + 181 + 200 + 262 \\ 745 &:= 1^9 + 9^2 + 14^1 + 24^1 + 25^2 = 19 + 92 + 141 + 241 + 252 & 745 &:= 3^1 + 10^0 + 16^2 + 22^2 + 23^0 = 31 + 100 + 162 + 222 + 230 \\ 745 &:= 1^9 + 9^2 + 15^1 + 23^1 + 25^2 = 19 + 92 + 151 + 231 + 252 & 745 &:= 3^1 + 11^0 + 16^2 + 22^0 + 22^2 = 31 + 110 + 162 + 220 + 222 \\ 745 &:= 1^9 + 9^2 + 16^1 + 22^1 + 25^2 = 19 + 92 + 161 + 221 + 252 & 745 &:= 3^1 + 12^0 + 16^2 + 21^0 + 22^2 = 31 + 120 + 162 + 210 + 222 \\ 745 &:= 1^9 + 9^2 + 17^1 + 21^1 + 25^2 = 19 + 92 + 171 + 211 + 252 & 745 &:= 3^1 + 13^0 + 16^2 + 20^0 + 22^2 = 31 + 130 + 162 + 200 + 222 \\ 745 &:= 1^9 + 9^2 + 18^1 + 20^1 + 25^2 = 19 + 92 + 181 + 201 + 252 & 745 &:= 3^1 + 14^0 + 16^2 + 19^0 + 22^2 = 31 + 140 + 162 + 190 + 222 \\ 745 &:= 1^9 + 9^2 + 19^1 + 19^1 + 25^2 = 19 + 92 + 191 + 191 + 252 & 745 &:= 3^1 + 15^0 + 16^2 + 18^0 + 22^2 = 31 + 150 + 162 + 180 + 222 \\ 745 &:= 10^0 + 10^2 + 11^0 + 18^1 + 25^2 = 100 + 102 + 110 + 181 + 252 & 745 &:= 3^1 + 16^0 + 16^2 + 17^0 + 22^2 = 31 + 160 + 162 + 170 + 222 \\ 745 &:= 10^0 + 13^0 + 13^1 + 17^2 + 21^2 = 100 + 130 + 131 + 172 + 212 & 745 &:= 3^1 + 6^0 + 16^2 + 22^2 + 27^0 = 31 + 60 + 162 + 222 + 270 \\ 745 &:= 11^0 + 12^0 + 13^1 + 17^2 + 21^2 = 110 + 120 + 131 + 172 + 212 & 745 &:= 3^1 + 7^0 + 16^2 + 22^2 + 26^0 = 31 + 70 + 162 + 222 + 260 \\ 745 &:= 2^0 + 10^2 + 18^1 + 19^0 + 25^2 = 20 + 102 + 181 + 190 + 252 & 745 &:= 3^1 + 8^0 + 16^2 + 22^2 + 25^0 = 31 + 80 + 162 + 222 + 250 \\ 745 &:= 2^0 + 12^2 + 13^0 + 23^1 + 24^2 = 20 + 122 + 130 + 231 + 242 & 745 &:= 3^1 + 8^2 + 10^0 + 26^2 + 27^0 = 31 + 82 + 100 + 262 + 270 \\ 745 &:= 2^0 + 13^0 + 19^2 + 19^2 + 21^1 = 20 + 130 + 192 + 192 + 211 & 745 &:= 3^1 + 8^2 + 11^0 + 26^0 + 26^2 = 31 + 82 + 110 + 260 + 262 \\ 745 &:= 2^0 + 13^1 + 17^2 + 21^0 + 21^2 = 20 + 131 + 172 + 210 + 212 & 745 &:= 3^1 + 8^2 + 12^0 + 25^0 + 26^2 = 31 + 82 + 120 + 250 + 262 \\ 745 &:= 2^0 + 14^2 + 17^0 + 18^1 + 23^2 = 20 + 142 + 170 + 181 + 232 & 745 &:= 3^1 + 8^2 + 13^0 + 24^0 + 26^2 = 31 + 82 + 130 + 240 + 262 \\ 745 &:= 2^0 + 15^0 + 18^2 + 19^1 + 20^2 = 20 + 150 + 182 + 191 + 202 & 745 &:= 3^1 + 8^2 + 14^0 + 23^0 + 26^2 = 31 + 82 + 140 + 230 + 262 \\ 745 &:= 2^0 + 7^2 + 18^1 + 21^0 + 26^2 = 20 + 72 + 181 + 210 + 262 & 745 &:= 3^1 + 8^2 + 15^0 + 22^0 + 26^2 = 31 + 82 + 150 + 220 + 262 \\ 745 &:= 2^1 + 9^3 + 12^1 + 24^0 + 27^0 = 21 + 93 + 121 + 240 + 270 & 745 &:= 3^1 + 8^2 + 16^0 + 21^0 + 26^2 = 31 + 82 + 160 + 210 + 262 \\ 745 &:= 2^1 + 9^3 + 12^1 + 25^0 + 26^0 = 21 + 93 + 121 + 250 + 260 & 745 &:= 3^1 + 8^2 + 17^0 + 20^0 + 26^2 = 31 + 82 + 170 + 200 + 262 \\ 745 &:= 2^2 + 10^0 + 10^1 + 25^0 + 27^2 = 22 + 100 + 101 + 250 + 272 & 745 &:= 3^1 + 8^2 + 18^0 + 19^0 + 26^2 = 31 + 82 + 180 + 190 + 262 \\ 745 &:= 2^2 + 10^1 + 11^0 + 24^0 + 27^2 = 22 + 101 + 110 + 240 + 272 & 745 &:= 3^1 + 9^0 + 16^2 + 22^2 + 24^0 = 31 + 90 + 162 + 222 + 240 \\ 745 &:= 2^2 + 10^1 + 12^0 + 23^0 + 27^2 = 22 + 101 + 120 + 230 + 272 & 745 &:= 3^1 + 9^3 + 11^1 + 24^0 + 27^0 = 31 + 93 + 111 + 240 + 270 \\ 745 &:= 2^2 + 10^1 + 13^0 + 22^0 + 27^2 = 22 + 101 + 130 + 220 + 272 & 745 &:= 3^1 + 9^3 + 11^1 + 25^0 + 26^0 = 31 + 93 + 111 + 250 + 260 \\ 745 &:= 2^2 + 10^1 + 14^0 + 21^0 + 27^2 = 22 + 101 + 140 + 210 + 272 & 745 &:= 3^2 + 5^1 + 12^0 + 27^0 + 27^2 = 32 + 51 + 120 + 270 + 272 \\ 745 &:= 2^2 + 10^1 + 15^0 + 20^0 + 27^2 = 22 + 101 + 150 + 200 + 272 & 745 &:= 3^2 + 5^1 + 13^0 + 26^0 + 27^2 = 32 + 51 + 130 + 260 + 272 \\ 745 &:= 2^2 + 10^1 + 16^0 + 19^0 + 27^2 = 22 + 101 + 160 + 190 + 272 & 745 &:= 3^2 + 5^1 + 14^0 + 25^0 + 27^2 = 32 + 51 + 140 + 250 + 272 \\ 745 &:= 2^2 + 10^1 + 17^0 + 18^0 + 27^2 = 22 + 101 + 170 + 180 + 272 & 745 &:= 3^2 + 5^1 + 15^0 + 24^0 + 27^2 = 32 + 51 + 150 + 240 + 272 \\ 745 &:= 2^2 + 8^0 + 10^1 + 27^0 + 27^2 = 22 + 80 + 101 + 270 + 272 & 745 &:= 3^2 + 5^1 + 16^0 + 23^0 + 27^2 = 32 + 51 + 160 + 230 + 272 \end{aligned}$$

$745 := 3^2 + 5^1 + 17^0 + 22^0 + 27^2 = 32 + 51 + 170 + 220 + 272$	$745 := 6^0 + 9^0 + 12^2 + 23^1 + 24^2 = 60 + 90 + 122 + 231 + 242$
$745 := 3^2 + 5^1 + 18^0 + 21^0 + 27^2 = 32 + 51 + 180 + 210 + 272$	$745 := 6^0 + 9^0 + 19^2 + 19^2 + 21^1 = 60 + 90 + 192 + 192 + 211$
$745 := 3^2 + 5^1 + 19^0 + 20^0 + 27^2 = 32 + 51 + 190 + 200 + 272$	$745 := 6^1 + 8^1 + 9^3 + 24^0 + 27^0 = 61 + 81 + 93 + 240 + 270$
$745 := 4^0 + 10^2 + 17^0 + 18^1 + 25^2 = 40 + 102 + 170 + 181 + 252$	$745 := 6^1 + 8^1 + 9^3 + 25^0 + 26^0 = 61 + 81 + 93 + 250 + 260$
$745 := 4^0 + 11^0 + 12^2 + 23^1 + 24^2 = 40 + 110 + 122 + 231 + 242$	$745 := 7^0 + 10^0 + 18^2 + 19^1 + 20^2 = 70 + 100 + 182 + 191 + 202$
$745 := 4^0 + 11^0 + 19^2 + 19^2 + 21^1 = 40 + 110 + 192 + 192 + 211$	$745 := 7^0 + 10^2 + 14^0 + 18^1 + 25^2 = 70 + 102 + 140 + 181 + 252$
$745 := 4^0 + 13^0 + 18^2 + 19^1 + 20^2 = 40 + 130 + 182 + 191 + 202$	$745 := 7^0 + 12^0 + 14^2 + 18^1 + 23^2 = 70 + 120 + 142 + 181 + 232$
$745 := 4^0 + 13^1 + 17^2 + 19^0 + 21^2 = 40 + 131 + 172 + 190 + 212$	$745 := 7^0 + 13^1 + 16^0 + 17^2 + 21^2 = 70 + 131 + 160 + 172 + 212$
$745 := 4^0 + 14^2 + 15^0 + 18^1 + 23^2 = 40 + 142 + 150 + 181 + 232$	$745 := 7^0 + 7^2 + 16^0 + 18^1 + 26^2 = 70 + 72 + 160 + 181 + 262$
$745 := 4^0 + 7^2 + 18^1 + 19^0 + 26^2 = 40 + 72 + 181 + 190 + 262$	$745 := 7^0 + 8^0 + 12^2 + 23^1 + 24^2 = 70 + 80 + 122 + 231 + 242$
$745 := 4^1 + 9^3 + 10^1 + 24^0 + 27^0 = 41 + 93 + 101 + 240 + 270$	$745 := 7^0 + 8^0 + 19^2 + 19^2 + 21^1 = 70 + 80 + 192 + 192 + 211$
$745 := 4^1 + 9^3 + 10^1 + 25^0 + 26^0 = 41 + 93 + 101 + 250 + 260$	$745 := 7^1 + 7^1 + 9^3 + 24^0 + 27^0 = 71 + 71 + 93 + 240 + 270$
$745 := 5^0 + 10^0 + 12^2 + 23^1 + 24^2 = 50 + 100 + 122 + 231 + 242$	$745 := 7^1 + 7^1 + 9^3 + 25^0 + 26^0 = 71 + 71 + 93 + 250 + 260$
$745 := 5^0 + 10^0 + 19^2 + 19^2 + 21^1 = 50 + 100 + 192 + 192 + 211$	$745 := 7^2 + 10^0 + 13^0 + 18^1 + 26^2 = 72 + 100 + 130 + 181 + 262$
$745 := 5^0 + 10^2 + 16^0 + 18^1 + 25^2 = 50 + 102 + 160 + 181 + 252$	$745 := 7^2 + 11^0 + 12^0 + 18^1 + 26^2 = 72 + 110 + 120 + 181 + 262$
$745 := 5^0 + 12^0 + 18^2 + 19^1 + 20^2 = 50 + 120 + 182 + 191 + 202$	$745 := 7^2 + 8^0 + 15^0 + 18^1 + 26^2 = 72 + 80 + 150 + 181 + 262$
$745 := 5^0 + 13^1 + 17^2 + 18^0 + 21^2 = 50 + 131 + 172 + 180 + 212$	$745 := 7^2 + 9^0 + 14^0 + 18^1 + 26^2 = 72 + 90 + 140 + 181 + 262$
$745 := 5^0 + 14^0 + 14^2 + 18^1 + 23^2 = 50 + 140 + 142 + 181 + 232$	$745 := 8^0 + 10^2 + 13^0 + 18^1 + 25^2 = 80 + 102 + 130 + 181 + 252$
$745 := 5^0 + 7^2 + 18^0 + 18^1 + 26^2 = 50 + 72 + 180 + 181 + 262$	$745 := 8^0 + 11^0 + 14^2 + 18^1 + 23^2 = 80 + 110 + 142 + 181 + 232$
$745 := 5^1 + 9^1 + 9^3 + 24^0 + 27^0 = 51 + 91 + 93 + 240 + 270$	$745 := 8^0 + 13^1 + 15^0 + 17^2 + 21^2 = 80 + 131 + 150 + 172 + 212$
$745 := 5^1 + 9^1 + 9^3 + 25^0 + 26^0 = 51 + 91 + 93 + 250 + 260$	$745 := 8^0 + 9^0 + 18^2 + 19^1 + 20^2 = 80 + 90 + 182 + 191 + 202$
$745 := 6^0 + 10^2 + 15^0 + 18^1 + 25^2 = 60 + 102 + 150 + 181 + 252$	$745 := 9^0 + 10^0 + 14^2 + 18^1 + 23^2 = 90 + 100 + 142 + 181 + 232$
$745 := 6^0 + 11^0 + 18^2 + 19^1 + 20^2 = 60 + 110 + 182 + 191 + 202$	$745 := 9^0 + 10^2 + 12^0 + 18^1 + 25^2 = 90 + 102 + 120 + 181 + 252$
$745 := 6^0 + 13^0 + 14^2 + 18^1 + 23^2 = 60 + 130 + 142 + 181 + 232$	$745 := 9^0 + 13^1 + 14^0 + 17^2 + 21^2 = 90 + 131 + 140 + 172 + 212$
$745 := 6^0 + 13^1 + 17^0 + 17^2 + 21^2 = 60 + 131 + 170 + 172 + 212$	
$745 := 6^0 + 7^2 + 17^0 + 18^1 + 26^2 = 60 + 72 + 170 + 181 + 262$	

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$746 := 2^4 + 27^2 + 45^0 = 24 + 272 + 450$	$746 := 10^1 + 15^2 + 22^2 + 27^1 = 101 + 152 + 222 + 271$
$746 := 5^3 + 24^2 + 45^1 = 53 + 242 + 451$	$746 := 11^1 + 15^2 + 22^2 + 26^1 = 111 + 152 + 222 + 261$
$746 := 6^3 + 22^2 + 46^1 = 63 + 222 + 461$	$746 := 12^1 + 15^2 + 22^2 + 25^1 = 121 + 152 + 222 + 251$
$746 := 1^0 + 5^3 + 24^2 + 44^1 = 10 + 53 + 242 + 441$	$746 := 13^1 + 15^2 + 22^2 + 24^1 = 131 + 152 + 222 + 241$
$746 := 1^0 + 6^3 + 22^2 + 45^1 = 10 + 63 + 222 + 451$	$746 := 14^1 + 15^2 + 22^2 + 23^1 = 141 + 152 + 222 + 231$
$746 := 1^1 + 15^2 + 22^2 + 36^1 = 11 + 152 + 222 + 361$	$746 := 14^2 + 15^2 + 18^2 + 27^0 = 142 + 152 + 182 + 270$
$746 := 1^1 + 9^2 + 25^2 + 39^1 = 11 + 92 + 252 + 391$	$746 := 15^1 + 15^2 + 22^1 + 22^2 = 151 + 152 + 221 + 222$
$746 := 1^2 + 9^3 + 15^1 + 49^0 = 12 + 93 + 151 + 490$	$746 := 15^2 + 16^1 + 21^1 + 22^2 = 152 + 161 + 211 + 222$
$746 := 1^3 + 15^1 + 27^2 + 31^0 = 13 + 151 + 272 + 310$	$746 := 15^2 + 17^1 + 20^1 + 22^2 = 152 + 171 + 201 + 222$
$746 := 1^9 + 3^6 + 15^1 + 54^0 = 19 + 36 + 151 + 540$	$746 := 15^2 + 18^1 + 19^1 + 22^2 = 152 + 181 + 191 + 222$

$746 := 2^1 + 15^2 + 22^2 + 35^1$	$= 21 + 152 + 222 + 351$	$746 := 1^0 + 10^1 + 15^2 + 22^2 + 26^1$	$= 10 + 101 + 152 + 222 + 261$
$746 := 2^1 + 7^3 + 20^2 + 45^0$	$= 21 + 73 + 202 + 450$	$746 := 1^0 + 11^1 + 15^2 + 22^2 + 25^1$	$= 10 + 111 + 152 + 222 + 251$
$746 := 2^1 + 9^2 + 25^2 + 38^1$	$= 21 + 92 + 252 + 381$	$746 := 1^0 + 12^1 + 15^2 + 22^2 + 24^1$	$= 10 + 121 + 152 + 222 + 241$
$746 := 2^2 + 9^3 + 12^1 + 51^0$	$= 22 + 93 + 121 + 510$	$746 := 1^0 + 13^1 + 15^2 + 22^2 + 23^1$	$= 10 + 131 + 152 + 222 + 231$
$746 := 2^3 + 8^1 + 27^2 + 37^0$	$= 23 + 81 + 272 + 370$	$746 := 1^0 + 14^1 + 15^2 + 22^1 + 22^2$	$= 10 + 141 + 152 + 221 + 222$
$746 := 3^0 + 3^3 + 26^2 + 42^1$	$= 30 + 33 + 262 + 421$	$746 := 1^0 + 15^1 + 15^2 + 21^1 + 22^2$	$= 10 + 151 + 152 + 211 + 222$
$746 := 3^1 + 15^2 + 22^2 + 34^1$	$= 31 + 152 + 222 + 341$	$746 := 1^0 + 15^2 + 16^1 + 20^1 + 22^2$	$= 10 + 152 + 161 + 201 + 222$
$746 := 3^1 + 9^2 + 25^2 + 37^1$	$= 31 + 92 + 252 + 371$	$746 := 1^0 + 15^2 + 17^1 + 19^1 + 22^2$	$= 10 + 152 + 171 + 191 + 222$
$746 := 3^2 + 7^1 + 9^3 + 55^0$	$= 32 + 71 + 93 + 550$	$746 := 1^0 + 15^2 + 18^1 + 18^1 + 22^2$	$= 10 + 152 + 181 + 181 + 222$
$746 := 4^1 + 15^2 + 22^2 + 33^1$	$= 41 + 152 + 222 + 331$	$746 := 1^0 + 9^1 + 15^2 + 22^2 + 27^1$	$= 10 + 91 + 152 + 222 + 271$
$746 := 4^1 + 9^2 + 25^2 + 36^1$	$= 41 + 92 + 252 + 361$	$746 := 1^0 + 9^2 + 12^1 + 25^2 + 27^1$	$= 10 + 92 + 121 + 252 + 271$
$746 := 4^3 + 5^1 + 26^2 + 39^0$	$= 43 + 51 + 262 + 390$	$746 := 1^0 + 9^2 + 13^1 + 25^2 + 26^1$	$= 10 + 92 + 131 + 252 + 261$
$746 := 5^1 + 15^2 + 22^2 + 32^1$	$= 51 + 152 + 222 + 321$	$746 := 1^0 + 9^2 + 14^1 + 25^1 + 25^2$	$= 10 + 92 + 141 + 251 + 252$
$746 := 5^1 + 9^2 + 25^2 + 35^1$	$= 51 + 92 + 252 + 351$	$746 := 1^0 + 9^2 + 15^1 + 24^1 + 25^2$	$= 10 + 92 + 151 + 241 + 252$
$746 := 5^2 + 12^2 + 24^2 + 33^0$	$= 52 + 122 + 242 + 330$	$746 := 1^0 + 9^2 + 16^1 + 23^1 + 25^2$	$= 10 + 92 + 161 + 231 + 252$
$746 := 6^1 + 15^2 + 22^2 + 31^1$	$= 61 + 152 + 222 + 311$	$746 := 1^0 + 9^2 + 17^1 + 22^1 + 25^2$	$= 10 + 92 + 171 + 221 + 252$
$746 := 6^1 + 9^2 + 25^2 + 34^1$	$= 61 + 92 + 252 + 341$	$746 := 1^0 + 9^2 + 18^1 + 21^1 + 25^2$	$= 10 + 92 + 181 + 211 + 252$
$746 := 6^2 + 15^2 + 22^2 + 31^0$	$= 62 + 152 + 222 + 310$	$746 := 1^0 + 9^2 + 19^1 + 20^1 + 25^2$	$= 10 + 92 + 191 + 201 + 252$
$746 := 7^0 + 7^3 + 19^2 + 41^1$	$= 70 + 73 + 192 + 411$	$746 := 1^1 + 10^2 + 19^0 + 19^1 + 25^2$	$= 11 + 102 + 190 + 191 + 252$
$746 := 7^1 + 15^2 + 22^2 + 30^1$	$= 71 + 152 + 222 + 301$	$746 := 1^1 + 12^2 + 13^0 + 24^1 + 24^2$	$= 11 + 122 + 130 + 241 + 242$
$746 := 7^1 + 9^2 + 25^2 + 33^1$	$= 71 + 92 + 252 + 331$	$746 := 1^1 + 13^0 + 19^2 + 19^2 + 22^1$	$= 11 + 130 + 192 + 192 + 221$
$746 := 8^1 + 15^2 + 22^2 + 29^1$	$= 81 + 152 + 222 + 291$	$746 := 1^1 + 14^1 + 17^2 + 21^0 + 21^2$	$= 11 + 141 + 172 + 210 + 212$
$746 := 8^1 + 8^3 + 15^2 + 43^0$	$= 81 + 83 + 152 + 430$	$746 := 1^1 + 14^2 + 17^0 + 19^1 + 23^2$	$= 11 + 142 + 170 + 191 + 232$
$746 := 8^1 + 9^2 + 25^2 + 32^1$	$= 81 + 92 + 252 + 321$	$746 := 1^1 + 15^0 + 18^2 + 20^1 + 20^2$	$= 11 + 150 + 182 + 201 + 202$
$746 := 8^3 + 14^2 + 15^0 + 37^1$	$= 83 + 142 + 150 + 371$	$746 := 1^1 + 7^2 + 19^1 + 21^0 + 26^2$	$= 11 + 72 + 191 + 210 + 262$
$746 := 9^1 + 15^2 + 22^2 + 28^1$	$= 91 + 152 + 222 + 281$	$746 := 1^1 + 7^3 + 19^0 + 20^2 + 27^0$	$= 11 + 73 + 190 + 202 + 270$
$746 := 9^1 + 9^2 + 25^2 + 31^1$	$= 91 + 92 + 252 + 311$	$746 := 1^1 + 7^3 + 20^0 + 20^2 + 26^0$	$= 11 + 73 + 200 + 202 + 260$
$746 := 9^2 + 10^1 + 25^2 + 30^1$	$= 92 + 101 + 252 + 301$	$746 := 1^1 + 7^3 + 20^2 + 21^0 + 25^0$	$= 11 + 73 + 202 + 210 + 250$
$746 := 9^2 + 11^1 + 25^2 + 29^1$	$= 92 + 111 + 252 + 291$	$746 := 1^1 + 7^3 + 20^2 + 22^0 + 24^0$	$= 11 + 73 + 202 + 220 + 240$
$746 := 9^2 + 12^1 + 25^2 + 28^1$	$= 92 + 121 + 252 + 281$	$746 := 1^1 + 7^3 + 20^2 + 23^0 + 23^0$	$= 11 + 73 + 202 + 230 + 230$
$746 := 9^2 + 13^1 + 25^2 + 27^1$	$= 92 + 131 + 252 + 271$	$746 := 1^2 + 9^3 + 14^1 + 23^0 + 27^0$	$= 12 + 93 + 141 + 230 + 270$
$746 := 9^2 + 14^1 + 25^2 + 26^1$	$= 92 + 141 + 252 + 261$	$746 := 1^2 + 9^3 + 14^1 + 24^0 + 26^0$	$= 12 + 93 + 141 + 240 + 260$
$746 := 9^2 + 15^1 + 25^1 + 25^2$	$= 92 + 151 + 251 + 252$	$746 := 1^2 + 9^3 + 14^1 + 25^0 + 25^0$	$= 12 + 93 + 141 + 250 + 250$
$746 := 9^2 + 16^1 + 24^1 + 25^2$	$= 92 + 161 + 241 + 252$	$746 := 1^3 + 10^0 + 14^1 + 22^0 + 27^2$	$= 13 + 100 + 141 + 220 + 272$
$746 := 9^2 + 17^1 + 23^1 + 25^2$	$= 92 + 171 + 231 + 252$	$746 := 1^3 + 11^0 + 14^1 + 21^0 + 27^2$	$= 13 + 110 + 141 + 210 + 272$
$746 := 9^2 + 18^1 + 22^1 + 25^2$	$= 92 + 181 + 221 + 252$	$746 := 1^3 + 12^0 + 14^1 + 20^0 + 27^2$	$= 13 + 120 + 141 + 200 + 272$
$746 := 9^2 + 19^1 + 21^1 + 25^2$	$= 92 + 191 + 211 + 252$	$746 := 1^3 + 13^0 + 14^1 + 19^0 + 27^2$	$= 13 + 130 + 141 + 190 + 272$
$746 := 9^2 + 20^1 + 20^1 + 25^2$	$= 92 + 201 + 201 + 252$	$746 := 1^3 + 14^0 + 14^1 + 18^0 + 27^2$	$= 13 + 140 + 141 + 180 + 272$

$$\begin{aligned} 746 &:= 1^3 + 14^1 + 15^0 + 17^0 + 27^2 = 13 + 141 + 150 + 170 + 272 & 746 &:= 2^2 + 8^2 + 17^0 + 21^0 + 26^2 = 22 + 82 + 170 + 210 + 262 \\ 746 &:= 1^3 + 14^1 + 16^0 + 16^0 + 27^2 = 13 + 141 + 160 + 160 + 272 & 746 &:= 2^2 + 8^2 + 18^0 + 20^0 + 26^2 = 22 + 82 + 180 + 200 + 262 \\ 746 &:= 1^3 + 5^0 + 14^1 + 27^0 + 27^2 = 13 + 50 + 141 + 270 + 272 & 746 &:= 2^2 + 8^2 + 19^0 + 19^0 + 26^2 = 22 + 82 + 190 + 190 + 262 \\ 746 &:= 1^3 + 6^0 + 14^1 + 26^0 + 27^2 = 13 + 60 + 141 + 260 + 272 & 746 &:= 2^2 + 9^0 + 16^2 + 22^2 + 25^0 = 22 + 90 + 162 + 222 + 250 \\ 746 &:= 1^3 + 7^0 + 14^1 + 25^0 + 27^2 = 13 + 70 + 141 + 250 + 272 & 746 &:= 2^2 + 9^3 + 11^1 + 25^0 + 27^0 = 22 + 93 + 111 + 250 + 270 \\ 746 &:= 1^3 + 8^0 + 14^1 + 24^0 + 27^2 = 13 + 80 + 141 + 240 + 272 & 746 &:= 2^2 + 9^3 + 11^1 + 26^0 + 26^0 = 22 + 93 + 111 + 260 + 260 \\ 746 &:= 1^3 + 9^0 + 14^1 + 23^0 + 27^2 = 13 + 90 + 141 + 230 + 272 & 746 &:= 2^3 + 7^1 + 11^0 + 27^0 + 27^2 = 23 + 71 + 110 + 270 + 272 \\ 746 &:= 10^1 + 10^1 + 10^2 + 19^0 + 25^2 = 101 + 101 + 102 + 190 + 252 & 746 &:= 2^3 + 7^1 + 12^0 + 26^0 + 27^2 = 23 + 71 + 120 + 260 + 272 \\ 746 &:= 10^1 + 10^1 + 14^2 + 17^0 + 23^2 = 101 + 101 + 142 + 170 + 232 & 746 &:= 2^3 + 7^1 + 13^0 + 25^0 + 27^2 = 23 + 71 + 130 + 250 + 272 \\ 746 &:= 10^1 + 11^1 + 15^0 + 18^2 + 20^2 = 101 + 111 + 150 + 182 + 202 & 746 &:= 2^3 + 7^1 + 14^0 + 24^0 + 27^2 = 23 + 71 + 140 + 240 + 272 \\ 746 &:= 10^1 + 12^2 + 13^0 + 15^1 + 24^2 = 101 + 122 + 130 + 151 + 242 & 746 &:= 2^3 + 7^1 + 15^0 + 23^0 + 27^2 = 23 + 71 + 150 + 230 + 272 \\ 746 &:= 10^1 + 13^0 + 13^1 + 19^2 + 19^2 = 101 + 130 + 131 + 192 + 192 & 746 &:= 2^3 + 7^1 + 16^0 + 22^0 + 27^2 = 23 + 71 + 160 + 220 + 272 \\ 746 &:= 11^1 + 12^1 + 13^0 + 19^2 + 19^2 = 111 + 121 + 130 + 192 + 192 & 746 &:= 2^3 + 7^1 + 17^0 + 21^0 + 27^2 = 23 + 71 + 170 + 210 + 272 \\ 746 &:= 11^1 + 12^2 + 13^0 + 14^1 + 24^2 = 111 + 122 + 130 + 141 + 242 & 746 &:= 2^3 + 7^1 + 18^0 + 20^0 + 27^2 = 23 + 71 + 180 + 200 + 272 \\ 746 &:= 12^1 + 12^2 + 13^0 + 13^1 + 24^2 = 121 + 122 + 130 + 131 + 242 & 746 &:= 2^3 + 7^1 + 19^0 + 19^0 + 27^2 = 23 + 71 + 190 + 190 + 272 \\ 746 &:= 2^1 + 10^2 + 18^1 + 19^0 + 25^2 = 21 + 102 + 181 + 190 + 252 & 746 &:= 2^6 + 2^7 + 22^0 + 23^2 + 24^1 = 26 + 27 + 220 + 232 + 241 \\ 746 &:= 2^1 + 12^2 + 13^0 + 23^1 + 24^2 = 21 + 122 + 130 + 231 + 242 & 746 &:= 3^0 + 8^2 + 14^2 + 22^2 + 27^0 = 30 + 82 + 142 + 222 + 270 \\ 746 &:= 2^1 + 13^0 + 19^2 + 19^2 + 21^1 = 21 + 130 + 192 + 192 + 211 & 746 &:= 3^1 + 10^2 + 17^1 + 19^0 + 25^2 = 31 + 102 + 171 + 190 + 252 \\ 746 &:= 2^1 + 13^1 + 17^2 + 21^0 + 21^2 = 21 + 131 + 172 + 210 + 212 & 746 &:= 3^1 + 12^1 + 17^2 + 21^0 + 21^2 = 31 + 121 + 172 + 210 + 212 \\ 746 &:= 2^1 + 14^2 + 17^0 + 18^1 + 23^2 = 21 + 142 + 170 + 181 + 232 & 746 &:= 3^1 + 12^2 + 13^0 + 22^1 + 24^2 = 31 + 122 + 130 + 221 + 242 \\ 746 &:= 2^1 + 15^0 + 18^2 + 19^1 + 20^2 = 21 + 150 + 182 + 191 + 202 & 746 &:= 3^1 + 13^0 + 19^2 + 19^2 + 20^1 = 31 + 130 + 192 + 192 + 201 \\ 746 &:= 2^1 + 7^2 + 18^1 + 21^0 + 26^2 = 21 + 72 + 181 + 210 + 262 & 746 &:= 3^1 + 14^2 + 17^0 + 17^1 + 23^2 = 31 + 142 + 170 + 171 + 232 \\ 746 &:= 2^2 + 10^0 + 16^2 + 22^2 + 24^0 = 22 + 100 + 162 + 222 + 240 & 746 &:= 3^1 + 15^0 + 18^1 + 18^2 + 20^2 = 31 + 150 + 181 + 182 + 202 \\ 746 &:= 2^2 + 11^0 + 16^2 + 22^2 + 23^0 = 22 + 110 + 162 + 222 + 230 & 746 &:= 3^1 + 7^2 + 17^1 + 21^0 + 26^2 = 31 + 72 + 171 + 210 + 262 \\ 746 &:= 2^2 + 12^0 + 16^2 + 22^0 + 22^2 = 22 + 120 + 162 + 220 + 222 & 746 &:= 4^0 + 8^2 + 14^2 + 22^2 + 26^0 = 40 + 82 + 142 + 222 + 260 \\ 746 &:= 2^2 + 13^0 + 16^2 + 21^0 + 22^2 = 22 + 130 + 162 + 210 + 222 & 746 &:= 4^1 + 10^2 + 16^1 + 19^0 + 25^2 = 41 + 102 + 161 + 190 + 252 \\ 746 &:= 2^2 + 14^0 + 16^2 + 20^0 + 22^2 = 22 + 140 + 162 + 200 + 222 & 746 &:= 4^1 + 11^1 + 17^2 + 21^0 + 21^2 = 41 + 111 + 172 + 210 + 212 \\ 746 &:= 2^2 + 15^0 + 16^2 + 19^0 + 22^2 = 22 + 150 + 162 + 190 + 222 & 746 &:= 4^1 + 12^2 + 13^0 + 21^1 + 24^2 = 41 + 122 + 130 + 211 + 242 \\ 746 &:= 2^2 + 16^0 + 16^2 + 18^0 + 22^2 = 22 + 160 + 162 + 180 + 222 & 746 &:= 4^1 + 13^0 + 19^1 + 19^2 + 19^2 = 41 + 130 + 191 + 192 + 192 \\ 746 &:= 2^2 + 16^2 + 17^0 + 17^0 + 22^2 = 22 + 162 + 170 + 170 + 222 & 746 &:= 4^1 + 14^2 + 16^1 + 17^0 + 23^2 = 41 + 142 + 161 + 170 + 232 \\ 746 &:= 2^2 + 7^0 + 16^2 + 22^2 + 27^0 = 22 + 70 + 162 + 222 + 270 & 746 &:= 4^1 + 15^0 + 17^1 + 18^2 + 20^2 = 41 + 150 + 171 + 182 + 202 \\ 746 &:= 2^2 + 8^0 + 16^2 + 22^2 + 26^0 = 22 + 80 + 162 + 222 + 260 & 746 &:= 4^1 + 4^3 + 13^0 + 26^2 + 27^0 = 41 + 43 + 130 + 262 + 270 \\ 746 &:= 2^2 + 8^2 + 11^0 + 26^2 + 27^0 = 22 + 82 + 110 + 262 + 270 & 746 &:= 4^1 + 4^3 + 14^0 + 26^0 + 26^2 = 41 + 43 + 140 + 260 + 262 \\ 746 &:= 2^2 + 8^2 + 12^0 + 26^0 + 26^2 = 22 + 82 + 120 + 260 + 262 & 746 &:= 4^1 + 4^3 + 15^0 + 25^0 + 26^2 = 41 + 43 + 150 + 250 + 262 \\ 746 &:= 2^2 + 8^2 + 13^0 + 25^0 + 26^2 = 22 + 82 + 130 + 250 + 262 & 746 &:= 4^1 + 4^3 + 16^0 + 24^0 + 26^2 = 41 + 43 + 160 + 240 + 262 \\ 746 &:= 2^2 + 8^2 + 14^0 + 24^0 + 26^2 = 22 + 82 + 140 + 240 + 262 & 746 &:= 4^1 + 4^3 + 17^0 + 23^0 + 26^2 = 41 + 43 + 170 + 230 + 262 \\ 746 &:= 2^2 + 8^2 + 15^0 + 23^0 + 26^2 = 22 + 82 + 150 + 230 + 262 & 746 &:= 4^1 + 4^3 + 18^0 + 22^0 + 26^2 = 41 + 43 + 180 + 220 + 262 \\ 746 &:= 2^2 + 8^2 + 16^0 + 22^0 + 26^2 = 22 + 82 + 160 + 220 + 262 & 746 &:= 4^1 + 4^3 + 19^0 + 21^0 + 26^2 = 41 + 43 + 190 + 210 + 262 \end{aligned}$$

$746 := 4^1 + 4^3 + 20^0 + 20^0 + 26^2 = 41 + 43 + 200 + 200 + 262$	$746 := 7^1 + 13^1 + 14^2 + 17^0 + 23^2 = 71 + 131 + 142 + 170 + 232$
$746 := 4^1 + 7^2 + 16^1 + 21^0 + 26^2 = 41 + 72 + 161 + 210 + 262$	$746 := 7^1 + 14^1 + 15^0 + 18^2 + 20^2 = 71 + 141 + 150 + 182 + 202$
$746 := 5^0 + 8^2 + 14^2 + 22^2 + 25^0 = 50 + 82 + 142 + 222 + 250$	$746 := 7^1 + 7^2 + 13^1 + 21^0 + 26^2 = 71 + 72 + 131 + 210 + 262$
$746 := 5^1 + 10^1 + 17^2 + 21^0 + 21^2 = 51 + 101 + 172 + 210 + 212$	$746 := 7^1 + 8^1 + 17^2 + 21^0 + 21^2 = 71 + 81 + 172 + 210 + 212$
$746 := 5^1 + 10^2 + 15^1 + 19^0 + 25^2 = 51 + 102 + 151 + 190 + 252$	$746 := 7^1 + 8^3 + 15^2 + 17^0 + 27^0 = 71 + 83 + 152 + 170 + 270$
$746 := 5^1 + 12^2 + 13^0 + 20^1 + 24^2 = 51 + 122 + 130 + 201 + 242$	$746 := 7^1 + 8^3 + 15^2 + 18^0 + 26^0 = 71 + 83 + 152 + 180 + 260$
$746 := 5^1 + 13^0 + 18^1 + 19^2 + 19^2 = 51 + 130 + 181 + 192 + 192$	$746 := 7^1 + 8^3 + 15^2 + 19^0 + 25^0 = 71 + 83 + 152 + 190 + 250$
$746 := 5^1 + 14^2 + 15^1 + 17^0 + 23^2 = 51 + 142 + 151 + 170 + 232$	$746 := 7^1 + 8^3 + 15^2 + 20^0 + 24^0 = 71 + 83 + 152 + 200 + 240$
$746 := 5^1 + 15^0 + 16^1 + 18^2 + 20^2 = 51 + 150 + 161 + 182 + 202$	$746 := 7^1 + 8^3 + 15^2 + 21^0 + 23^0 = 71 + 83 + 152 + 210 + 230$
$746 := 5^1 + 7^2 + 15^1 + 21^0 + 26^2 = 51 + 72 + 151 + 210 + 262$	$746 := 7^1 + 8^3 + 15^2 + 22^0 + 22^0 = 71 + 83 + 152 + 220 + 220$
$746 := 6^0 + 8^2 + 14^2 + 22^2 + 24^0 = 60 + 82 + 142 + 222 + 240$	$746 := 7^2 + 10^1 + 10^1 + 21^0 + 26^2 = 72 + 101 + 101 + 210 + 262$
$746 := 6^1 + 10^2 + 14^1 + 19^0 + 25^2 = 61 + 102 + 141 + 190 + 252$	$746 := 7^2 + 8^1 + 12^1 + 21^0 + 26^2 = 72 + 81 + 121 + 210 + 262$
$746 := 6^1 + 12^2 + 13^0 + 19^1 + 24^2 = 61 + 122 + 130 + 191 + 242$	$746 := 7^2 + 9^1 + 11^1 + 21^0 + 26^2 = 72 + 91 + 111 + 210 + 262$
$746 := 6^1 + 13^0 + 17^1 + 19^2 + 19^2 = 61 + 130 + 171 + 192 + 192$	$746 := 8^0 + 8^2 + 14^2 + 22^0 + 22^2 = 80 + 82 + 142 + 220 + 222$
$746 := 6^1 + 14^1 + 14^2 + 17^0 + 23^2 = 61 + 141 + 142 + 170 + 232$	$746 := 8^1 + 10^2 + 12^1 + 19^0 + 25^2 = 81 + 102 + 121 + 190 + 252$
$746 := 6^1 + 15^0 + 15^1 + 18^2 + 20^2 = 61 + 150 + 151 + 182 + 202$	$746 := 8^1 + 12^1 + 14^2 + 17^0 + 23^2 = 81 + 121 + 142 + 170 + 232$
$746 := 6^1 + 6^2 + 9^0 + 26^2 + 27^1 = 61 + 62 + 90 + 262 + 271$	$746 := 8^1 + 12^2 + 13^0 + 17^1 + 24^2 = 81 + 122 + 130 + 171 + 242$
$746 := 6^1 + 7^2 + 14^1 + 21^0 + 26^2 = 61 + 72 + 141 + 210 + 262$	$746 := 8^1 + 13^0 + 15^1 + 19^2 + 19^2 = 81 + 130 + 151 + 192 + 192$
$746 := 6^1 + 9^1 + 17^2 + 21^0 + 21^2 = 61 + 91 + 172 + 210 + 212$	$746 := 8^1 + 13^1 + 15^0 + 18^2 + 20^2 = 81 + 131 + 150 + 182 + 202$
$746 := 6^2 + 7^1 + 9^0 + 26^1 + 26^2 = 62 + 71 + 90 + 261 + 262$	$746 := 8^2 + 10^0 + 14^2 + 20^0 + 22^2 = 82 + 100 + 142 + 200 + 222$
$746 := 6^2 + 8^1 + 9^0 + 25^1 + 26^2 = 62 + 81 + 90 + 251 + 262$	$746 := 8^2 + 11^0 + 14^2 + 19^0 + 22^2 = 82 + 110 + 142 + 190 + 222$
$746 := 6^2 + 9^0 + 10^1 + 23^1 + 26^2 = 62 + 90 + 101 + 231 + 262$	$746 := 8^2 + 12^0 + 14^2 + 18^0 + 22^2 = 82 + 120 + 142 + 180 + 222$
$746 := 6^2 + 9^0 + 11^1 + 22^1 + 26^2 = 62 + 90 + 111 + 221 + 262$	$746 := 8^2 + 13^0 + 14^2 + 17^0 + 22^2 = 82 + 130 + 142 + 170 + 222$
$746 := 6^2 + 9^0 + 12^1 + 21^1 + 26^2 = 62 + 90 + 121 + 211 + 262$	$746 := 8^2 + 14^0 + 14^2 + 16^0 + 22^2 = 82 + 140 + 142 + 160 + 222$
$746 := 6^2 + 9^0 + 13^1 + 20^1 + 26^2 = 62 + 90 + 131 + 201 + 262$	$746 := 8^2 + 14^2 + 15^0 + 15^0 + 22^2 = 82 + 142 + 150 + 150 + 222$
$746 := 6^2 + 9^0 + 14^1 + 19^1 + 26^2 = 62 + 90 + 141 + 191 + 262$	$746 := 8^2 + 9^0 + 14^2 + 21^0 + 22^2 = 82 + 90 + 142 + 210 + 222$
$746 := 6^2 + 9^0 + 15^1 + 18^1 + 26^2 = 62 + 90 + 151 + 181 + 262$	$746 := 9^1 + 10^2 + 11^1 + 19^0 + 25^2 = 91 + 102 + 111 + 190 + 252$
$746 := 6^2 + 9^0 + 16^1 + 17^1 + 26^2 = 62 + 90 + 161 + 171 + 262$	$746 := 9^1 + 11^1 + 14^2 + 17^0 + 23^2 = 91 + 111 + 142 + 170 + 232$
$746 := 6^2 + 9^0 + 9^1 + 24^1 + 26^2 = 62 + 90 + 91 + 241 + 262$	$746 := 9^1 + 12^1 + 15^0 + 18^2 + 20^2 = 91 + 121 + 150 + 182 + 202$
$746 := 7^0 + 8^2 + 14^2 + 22^2 + 23^0 = 70 + 82 + 142 + 222 + 230$	$746 := 9^1 + 12^2 + 13^0 + 16^1 + 24^2 = 91 + 122 + 130 + 161 + 242$
$746 := 7^1 + 10^2 + 13^1 + 19^0 + 25^2 = 71 + 102 + 131 + 190 + 252$	$746 := 9^1 + 13^0 + 14^1 + 19^2 + 19^2 = 91 + 130 + 141 + 192 + 192$
$746 := 7^1 + 12^2 + 13^0 + 18^1 + 24^2 = 71 + 122 + 130 + 181 + 242$	
$746 := 7^1 + 13^0 + 16^1 + 19^2 + 19^2 = 71 + 130 + 161 + 192 + 192$	

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$747 := 3^6 + 17^1 + 54^0 = 36 + 171 + 540$	$747 := 1^1 + 2^4 + 27^2 + 44^0 = 11 + 24 + 272 + 440$
$747 := 1^0 + 2^4 + 9^3 + 62^0 = 10 + 24 + 93 + 620$	$747 := 1^2 + 4^2 + 9^3 + 60^0 = 12 + 42 + 93 + 600$
$747 := 1^0 + 3^6 + 16^1 + 54^0 = 10 + 36 + 161 + 540$	$747 := 1^2 + 6^3 + 23^2 + 44^0 = 12 + 63 + 232 + 440$

$747 := 1^3 + 13^2 + 24^2 + 36^0$	$= 13 + 132 + 242 + 360$	$747 := 2^4 + 9^3 + 30^0 + 33^0$	$= 24 + 93 + 300 + 330$
$747 := 1^3 + 4^2 + 27^2 + 42^0$	$= 13 + 42 + 272 + 420$	$747 := 2^4 + 9^3 + 31^0 + 32^0$	$= 24 + 93 + 310 + 320$
$747 := 1^3 + 9^3 + 16^1 + 48^0$	$= 13 + 93 + 161 + 480$	$747 := 3^0 + 3^6 + 16^1 + 52^0$	$= 30 + 36 + 161 + 520$
$747 := 1^4 + 16^1 + 27^2 + 30^0$	$= 14 + 161 + 272 + 300$	$747 := 3^2 + 8^3 + 15^2 + 48^0$	$= 32 + 83 + 152 + 480$
$747 := 1^6 + 2^8 + 21^2 + 49^1$	$= 16 + 28 + 212 + 491$	$747 := 3^4 + 6^0 + 25^2 + 40^1$	$= 34 + 60 + 252 + 401$
$747 := 1^7 + 2^4 + 3^6 + 67^0$	$= 17 + 24 + 36 + 670$	$747 := 3^6 + 10^0 + 16^1 + 45^0$	$= 36 + 100 + 161 + 450$
$747 := 1^9 + 3^6 + 4^2 + 65^0$	$= 19 + 36 + 42 + 650$	$747 := 3^6 + 11^0 + 16^1 + 44^0$	$= 36 + 110 + 161 + 440$
$747 := 2^0 + 2^4 + 9^3 + 61^0$	$= 20 + 24 + 93 + 610$	$747 := 3^6 + 12^0 + 16^1 + 43^0$	$= 36 + 120 + 161 + 430$
$747 := 2^0 + 3^6 + 16^1 + 53^0$	$= 20 + 36 + 161 + 530$	$747 := 3^6 + 13^0 + 16^1 + 42^0$	$= 36 + 130 + 161 + 420$
$747 := 2^3 + 3^2 + 27^2 + 42^0$	$= 23 + 32 + 272 + 420$	$747 := 3^6 + 14^0 + 16^1 + 41^0$	$= 36 + 140 + 161 + 410$
$747 := 2^3 + 9^1 + 9^3 + 54^0$	$= 23 + 91 + 93 + 540$	$747 := 3^6 + 15^0 + 16^1 + 40^0$	$= 36 + 150 + 161 + 400$
$747 := 2^4 + 3^0 + 9^3 + 60^0$	$= 24 + 30 + 93 + 600$	$747 := 3^6 + 16^0 + 16^1 + 39^0$	$= 36 + 160 + 161 + 390$
$747 := 2^4 + 4^0 + 9^3 + 59^0$	$= 24 + 40 + 93 + 590$	$747 := 3^6 + 16^1 + 17^0 + 38^0$	$= 36 + 161 + 170 + 380$
$747 := 2^4 + 5^0 + 9^3 + 58^0$	$= 24 + 50 + 93 + 580$	$747 := 3^6 + 16^1 + 18^0 + 37^0$	$= 36 + 161 + 180 + 370$
$747 := 2^4 + 6^0 + 9^3 + 57^0$	$= 24 + 60 + 93 + 570$	$747 := 3^6 + 16^1 + 19^0 + 36^0$	$= 36 + 161 + 190 + 360$
$747 := 2^4 + 7^0 + 9^3 + 56^0$	$= 24 + 70 + 93 + 560$	$747 := 3^6 + 16^1 + 20^0 + 35^0$	$= 36 + 161 + 200 + 350$
$747 := 2^4 + 8^0 + 9^3 + 55^0$	$= 24 + 80 + 93 + 550$	$747 := 3^6 + 16^1 + 21^0 + 34^0$	$= 36 + 161 + 210 + 340$
$747 := 2^4 + 9^0 + 9^3 + 54^0$	$= 24 + 90 + 93 + 540$	$747 := 3^6 + 16^1 + 22^0 + 33^0$	$= 36 + 161 + 220 + 330$
$747 := 2^4 + 9^3 + 10^0 + 53^0$	$= 24 + 93 + 100 + 530$	$747 := 3^6 + 16^1 + 23^0 + 32^0$	$= 36 + 161 + 230 + 320$
$747 := 2^4 + 9^3 + 11^0 + 52^0$	$= 24 + 93 + 110 + 520$	$747 := 3^6 + 16^1 + 24^0 + 31^0$	$= 36 + 161 + 240 + 310$
$747 := 2^4 + 9^3 + 12^0 + 51^0$	$= 24 + 93 + 120 + 510$	$747 := 3^6 + 16^1 + 25^0 + 30^0$	$= 36 + 161 + 250 + 300$
$747 := 2^4 + 9^3 + 13^0 + 50^0$	$= 24 + 93 + 130 + 500$	$747 := 3^6 + 16^1 + 26^0 + 29^0$	$= 36 + 161 + 260 + 290$
$747 := 2^4 + 9^3 + 14^0 + 49^0$	$= 24 + 93 + 140 + 490$	$747 := 3^6 + 16^1 + 27^0 + 28^0$	$= 36 + 161 + 270 + 280$
$747 := 2^4 + 9^3 + 15^0 + 48^0$	$= 24 + 93 + 150 + 480$	$747 := 3^6 + 17^1 + 54^0$	$= 36 + 171 + 540$
$747 := 2^4 + 9^3 + 16^0 + 47^0$	$= 24 + 93 + 160 + 470$	$747 := 3^6 + 4^0 + 16^1 + 51^0$	$= 36 + 40 + 161 + 510$
$747 := 2^4 + 9^3 + 17^0 + 46^0$	$= 24 + 93 + 170 + 460$	$747 := 3^6 + 5^0 + 16^1 + 50^0$	$= 36 + 50 + 161 + 500$
$747 := 2^4 + 9^3 + 18^0 + 45^0$	$= 24 + 93 + 180 + 450$	$747 := 3^6 + 6^0 + 16^1 + 49^0$	$= 36 + 60 + 161 + 490$
$747 := 2^4 + 9^3 + 19^0 + 44^0$	$= 24 + 93 + 190 + 440$	$747 := 3^6 + 7^0 + 16^1 + 48^0$	$= 36 + 70 + 161 + 480$
$747 := 2^4 + 9^3 + 20^0 + 43^0$	$= 24 + 93 + 200 + 430$	$747 := 3^6 + 8^0 + 16^1 + 47^0$	$= 36 + 80 + 161 + 470$
$747 := 2^4 + 9^3 + 21^0 + 42^0$	$= 24 + 93 + 210 + 420$	$747 := 3^6 + 9^0 + 16^1 + 46^0$	$= 36 + 90 + 161 + 460$
$747 := 2^4 + 9^3 + 22^0 + 41^0$	$= 24 + 93 + 220 + 410$	$747 := 4^0 + 5^4 + 8^2 + 57^1$	$= 40 + 54 + 82 + 571$
$747 := 2^4 + 9^3 + 23^0 + 40^0$	$= 24 + 93 + 230 + 400$	$747 := 4^4 + 6^1 + 22^2 + 42^0$	$= 44 + 61 + 222 + 420$
$747 := 2^4 + 9^3 + 24^0 + 39^0$	$= 24 + 93 + 240 + 390$	$747 := 5^4 + 10^2 + 21^1 + 38^0$	$= 54 + 102 + 211 + 380$
$747 := 2^4 + 9^3 + 25^0 + 38^0$	$= 24 + 93 + 250 + 380$	$747 := 5^4 + 9^2 + 20^0 + 40^1$	$= 54 + 92 + 200 + 401$
$747 := 2^4 + 9^3 + 26^0 + 37^0$	$= 24 + 93 + 260 + 370$	$747 := 6^3 + 13^2 + 19^2 + 36^0$	$= 63 + 132 + 192 + 360$
$747 := 2^4 + 9^3 + 27^0 + 36^0$	$= 24 + 93 + 270 + 360$	$747 := 6^3 + 8^3 + 18^1 + 42^0$	$= 63 + 83 + 181 + 420$
$747 := 2^4 + 9^3 + 28^0 + 35^0$	$= 24 + 93 + 280 + 350$	$747 := 1^1 + 14^2 + 15^2 + 18^2 + 26^0$	$= 11 + 142 + 152 + 182 + 260$
$747 := 2^4 + 9^3 + 29^0 + 34^0$	$= 24 + 93 + 290 + 340$	$747 := 1^2 + 10^2 + 18^0 + 20^1 + 25^2$	$= 12 + 102 + 180 + 201 + 252$

$$\begin{aligned} 747 &:= 1^2 + 12^0 + 12^2 + 24^2 + 25^1 = 12 + 120 + 122 + 242 + 251 & 747 &:= 2^2 + 10^2 + 17^1 + 20^0 + 25^2 = 22 + 102 + 171 + 200 + 252 \\ 747 &:= 1^2 + 12^0 + 19^2 + 19^2 + 23^1 = 12 + 120 + 192 + 192 + 231 & 747 &:= 2^2 + 12^1 + 17^2 + 21^2 + 22^0 = 22 + 121 + 172 + 212 + 220 \\ 747 &:= 1^2 + 14^0 + 18^2 + 20^2 + 21^1 = 12 + 140 + 182 + 202 + 211 & 747 &:= 2^2 + 12^2 + 14^0 + 22^1 + 24^2 = 22 + 122 + 140 + 221 + 242 \\ 747 &:= 1^2 + 14^2 + 16^0 + 20^1 + 23^2 = 12 + 142 + 160 + 201 + 232 & 747 &:= 2^2 + 14^0 + 19^2 + 19^2 + 20^1 = 22 + 140 + 192 + 192 + 201 \\ 747 &:= 1^2 + 15^1 + 17^2 + 20^0 + 21^2 = 12 + 151 + 172 + 200 + 212 & 747 &:= 2^2 + 14^2 + 17^1 + 18^0 + 23^2 = 22 + 142 + 171 + 180 + 232 \\ 747 &:= 1^2 + 7^2 + 20^0 + 20^1 + 26^2 = 12 + 72 + 200 + 201 + 262 & 747 &:= 2^2 + 16^0 + 18^1 + 18^2 + 20^2 = 22 + 160 + 181 + 182 + 202 \\ 747 &:= 1^3 + 9^3 + 15^1 + 22^0 + 27^0 = 13 + 93 + 151 + 220 + 270 & 747 &:= 2^2 + 7^2 + 17^1 + 22^0 + 26^2 = 22 + 72 + 171 + 220 + 262 \\ 747 &:= 1^3 + 9^3 + 15^1 + 23^0 + 26^0 = 13 + 93 + 151 + 230 + 260 & 747 &:= 2^6 + 2^8 + 20^2 + 23^0 + 26^1 = 26 + 28 + 202 + 230 + 261 \\ 747 &:= 1^3 + 9^3 + 15^1 + 24^0 + 25^0 = 13 + 93 + 151 + 240 + 250 & 747 &:= 2^7 + 2^8 + 19^2 + 23^0 + 27^0 = 27 + 28 + 192 + 230 + 270 \\ 747 &:= 1^4 + 10^0 + 15^1 + 21^0 + 27^2 = 14 + 100 + 151 + 210 + 272 & 747 &:= 2^7 + 2^8 + 19^2 + 24^0 + 26^0 = 27 + 28 + 192 + 240 + 260 \\ 747 &:= 1^4 + 11^0 + 15^1 + 20^0 + 27^2 = 14 + 110 + 151 + 200 + 272 & 747 &:= 2^7 + 2^8 + 19^2 + 25^0 + 25^0 = 27 + 28 + 192 + 250 + 250 \\ 747 &:= 1^4 + 12^0 + 15^1 + 19^0 + 27^2 = 14 + 120 + 151 + 190 + 272 & 747 &:= 3^0 + 3^6 + 15^1 + 26^0 + 27^0 = 30 + 36 + 151 + 260 + 270 \\ 747 &:= 1^4 + 13^0 + 15^1 + 18^0 + 27^2 = 14 + 130 + 151 + 180 + 272 & 747 &:= 3^2 + 10^2 + 12^1 + 24^0 + 25^2 = 32 + 102 + 121 + 240 + 252 \\ 747 &:= 1^4 + 14^0 + 15^1 + 17^0 + 27^2 = 14 + 140 + 151 + 170 + 272 & 747 &:= 3^2 + 12^1 + 14^2 + 22^0 + 23^2 = 32 + 121 + 142 + 220 + 232 \\ 747 &:= 1^4 + 15^0 + 15^1 + 16^0 + 27^2 = 14 + 150 + 151 + 160 + 272 & 747 &:= 3^2 + 12^2 + 17^1 + 18^0 + 24^2 = 32 + 122 + 171 + 180 + 242 \\ 747 &:= 1^4 + 4^0 + 15^1 + 27^0 + 27^2 = 14 + 40 + 151 + 270 + 272 & 747 &:= 3^2 + 13^1 + 18^2 + 20^0 + 20^2 = 32 + 131 + 182 + 200 + 202 \\ 747 &:= 1^4 + 5^0 + 15^1 + 26^0 + 27^2 = 14 + 50 + 151 + 260 + 272 & 747 &:= 3^2 + 15^1 + 18^0 + 19^2 + 19^2 = 32 + 151 + 180 + 192 + 192 \\ 747 &:= 1^4 + 6^0 + 15^1 + 25^0 + 27^2 = 14 + 60 + 151 + 250 + 272 & 747 &:= 3^2 + 6^2 + 14^0 + 25^1 + 26^2 = 32 + 62 + 140 + 251 + 262 \\ 747 &:= 1^4 + 7^0 + 15^1 + 24^0 + 27^2 = 14 + 70 + 151 + 240 + 272 & 747 &:= 3^2 + 7^1 + 17^2 + 21^2 + 26^0 = 32 + 71 + 172 + 212 + 260 \\ 747 &:= 1^4 + 8^0 + 15^1 + 23^0 + 27^2 = 14 + 80 + 151 + 230 + 272 & 747 &:= 3^2 + 7^2 + 12^1 + 26^0 + 26^2 = 32 + 72 + 121 + 260 + 262 \\ 747 &:= 1^4 + 9^0 + 15^1 + 22^0 + 27^2 = 14 + 90 + 151 + 220 + 272 & 747 &:= 3^6 + 10^0 + 15^1 + 19^0 + 27^0 = 36 + 100 + 151 + 190 + 270 \\ 747 &:= 1^5 + 2^8 + 21^2 + 22^1 + 27^1 = 15 + 28 + 212 + 221 + 271 & 747 &:= 3^6 + 10^0 + 15^1 + 20^0 + 26^0 = 36 + 100 + 151 + 200 + 260 \\ 747 &:= 1^5 + 2^8 + 21^2 + 23^1 + 26^1 = 15 + 28 + 212 + 231 + 261 & 747 &:= 3^6 + 10^0 + 15^1 + 21^0 + 25^0 = 36 + 100 + 151 + 210 + 250 \\ 747 &:= 1^5 + 2^8 + 21^2 + 24^1 + 25^1 = 15 + 28 + 212 + 241 + 251 & 747 &:= 3^6 + 10^0 + 15^1 + 22^0 + 24^0 = 36 + 100 + 151 + 220 + 240 \\ 747 &:= 10^0 + 11^2 + 11^2 + 20^1 + 22^2 = 100 + 112 + 112 + 201 + 222 & 747 &:= 3^6 + 10^0 + 15^1 + 23^0 + 23^0 = 36 + 100 + 151 + 230 + 230 \\ 747 &:= 10^2 + 10^2 + 14^0 + 17^1 + 23^2 = 102 + 102 + 140 + 171 + 232 & 747 &:= 3^6 + 11^0 + 15^1 + 18^0 + 27^0 = 36 + 110 + 151 + 180 + 270 \\ 747 &:= 10^2 + 12^0 + 12^2 + 18^1 + 22^2 = 102 + 120 + 122 + 181 + 222 & 747 &:= 3^6 + 11^0 + 15^1 + 19^0 + 26^0 = 36 + 110 + 151 + 190 + 260 \\ 747 &:= 11^2 + 12^1 + 16^0 + 17^2 + 18^2 = 112 + 121 + 160 + 172 + 182 & 747 &:= 3^6 + 11^0 + 15^1 + 20^0 + 25^0 = 36 + 110 + 151 + 200 + 250 \\ 747 &:= 11^2 + 13^2 + 14^0 + 15^1 + 21^2 = 112 + 132 + 140 + 151 + 212 & 747 &:= 3^6 + 11^0 + 15^1 + 21^0 + 24^0 = 36 + 110 + 151 + 210 + 240 \\ 747 &:= 12^0 + 12^2 + 12^2 + 17^1 + 21^2 = 120 + 122 + 122 + 171 + 212 & 747 &:= 3^6 + 11^0 + 15^1 + 22^0 + 23^0 = 36 + 110 + 151 + 220 + 230 \\ 747 &:= 12^0 + 12^2 + 15^2 + 16^1 + 19^2 = 120 + 122 + 152 + 161 + 192 & 747 &:= 3^6 + 12^0 + 15^1 + 17^0 + 27^0 = 36 + 120 + 151 + 170 + 270 \\ 747 &:= 2^0 + 3^3 + 16^1 + 26^2 + 27^1 = 20 + 33 + 161 + 262 + 271 & 747 &:= 3^6 + 12^0 + 15^1 + 18^0 + 26^0 = 36 + 120 + 151 + 180 + 260 \\ 747 &:= 2^0 + 3^3 + 17^1 + 26^1 + 26^2 = 20 + 33 + 171 + 261 + 262 & 747 &:= 3^6 + 12^0 + 15^1 + 19^0 + 25^0 = 36 + 120 + 151 + 190 + 250 \\ 747 &:= 2^0 + 3^3 + 18^1 + 25^1 + 26^2 = 20 + 33 + 181 + 251 + 262 & 747 &:= 3^6 + 12^0 + 15^1 + 20^0 + 24^0 = 36 + 120 + 151 + 200 + 240 \\ 747 &:= 2^0 + 3^3 + 19^1 + 24^1 + 26^2 = 20 + 33 + 191 + 241 + 262 & 747 &:= 3^6 + 12^0 + 15^1 + 21^0 + 23^0 = 36 + 120 + 151 + 210 + 230 \\ 747 &:= 2^0 + 3^3 + 20^1 + 23^1 + 26^2 = 20 + 33 + 201 + 231 + 262 & 747 &:= 3^6 + 12^0 + 15^1 + 22^0 + 22^0 = 36 + 120 + 151 + 220 + 220 \\ 747 &:= 2^0 + 3^3 + 21^1 + 22^1 + 26^2 = 20 + 33 + 211 + 221 + 262 & 747 &:= 3^6 + 13^0 + 15^1 + 16^0 + 27^0 = 36 + 130 + 151 + 160 + 270 \\ 747 &:= 2^0 + 3^6 + 15^1 + 27^0 + 27^0 = 20 + 36 + 151 + 270 + 270 & 747 &:= 3^6 + 13^0 + 15^1 + 17^0 + 26^0 = 36 + 130 + 151 + 170 + 260 \end{aligned}$$

$$\begin{aligned} 747 &:= 3^6 + 13^0 + 15^1 + 18^0 + 25^0 = 36 + 130 + 151 + 180 + 250 & 747 &:= 3^6 + 8^0 + 15^1 + 22^0 + 26^0 = 36 + 80 + 151 + 220 + 260 \\ 747 &:= 3^6 + 13^0 + 15^1 + 19^0 + 24^0 = 36 + 130 + 151 + 190 + 240 & 747 &:= 3^6 + 8^0 + 15^1 + 23^0 + 25^0 = 36 + 80 + 151 + 230 + 250 \\ 747 &:= 3^6 + 13^0 + 15^1 + 20^0 + 23^0 = 36 + 130 + 151 + 200 + 230 & 747 &:= 3^6 + 8^0 + 15^1 + 24^0 + 24^0 = 36 + 80 + 151 + 240 + 240 \\ 747 &:= 3^6 + 13^0 + 15^1 + 21^0 + 22^0 = 36 + 130 + 151 + 210 + 220 & 747 &:= 3^6 + 9^0 + 15^1 + 20^0 + 27^0 = 36 + 90 + 151 + 200 + 270 \\ 747 &:= 3^6 + 14^0 + 15^0 + 15^1 + 27^0 = 36 + 140 + 150 + 151 + 270 & 747 &:= 3^6 + 9^0 + 15^1 + 21^0 + 26^0 = 36 + 90 + 151 + 210 + 260 \\ 747 &:= 3^6 + 14^0 + 15^1 + 16^0 + 26^0 = 36 + 140 + 151 + 160 + 260 & 747 &:= 3^6 + 9^0 + 15^1 + 22^0 + 25^0 = 36 + 90 + 151 + 220 + 250 \\ 747 &:= 3^6 + 14^0 + 15^1 + 17^0 + 25^0 = 36 + 140 + 151 + 170 + 250 & 747 &:= 3^6 + 9^0 + 15^1 + 23^0 + 24^0 = 36 + 90 + 151 + 230 + 240 \\ 747 &:= 3^6 + 14^0 + 15^1 + 18^0 + 24^0 = 36 + 140 + 151 + 180 + 240 & 747 &:= 4^0 + 12^2 + 17^2 + 17^2 + 24^1 = 40 + 122 + 172 + 172 + 241 \\ 747 &:= 3^6 + 14^0 + 15^1 + 19^0 + 23^0 = 36 + 140 + 151 + 190 + 230 & 747 &:= 4^0 + 8^2 + 16^2 + 20^2 + 26^1 = 40 + 82 + 162 + 202 + 261 \\ 747 &:= 3^6 + 14^0 + 15^1 + 20^0 + 22^0 = 36 + 140 + 151 + 200 + 220 & 747 &:= 4^2 + 10^1 + 12^2 + 24^0 + 24^2 = 42 + 101 + 122 + 240 + 242 \\ 747 &:= 3^6 + 14^0 + 15^1 + 21^0 + 21^0 = 36 + 140 + 151 + 210 + 210 & 747 &:= 4^2 + 12^0 + 15^2 + 21^1 + 22^2 = 42 + 120 + 152 + 211 + 222 \\ 747 &:= 3^6 + 15^0 + 15^0 + 15^1 + 26^0 = 36 + 150 + 150 + 151 + 260 & 747 &:= 4^2 + 6^1 + 18^2 + 20^2 + 26^0 = 42 + 61 + 182 + 202 + 260 \\ 747 &:= 3^6 + 15^0 + 15^1 + 16^0 + 25^0 = 36 + 150 + 151 + 160 + 250 & 747 &:= 4^2 + 6^2 + 18^1 + 20^0 + 26^2 = 42 + 62 + 181 + 200 + 262 \\ 747 &:= 3^6 + 15^0 + 15^1 + 17^0 + 24^0 = 36 + 150 + 151 + 170 + 240 & 747 &:= 4^2 + 8^1 + 19^2 + 19^2 + 24^0 = 42 + 81 + 192 + 192 + 240 \\ 747 &:= 3^6 + 15^0 + 15^1 + 18^0 + 23^0 = 36 + 150 + 151 + 180 + 230 & 747 &:= 4^2 + 9^2 + 12^0 + 24^1 + 25^2 = 42 + 92 + 120 + 241 + 252 \\ 747 &:= 3^6 + 15^0 + 15^1 + 19^0 + 22^0 = 36 + 150 + 151 + 190 + 220 & 747 &:= 4^4 + 5^1 + 16^0 + 22^2 + 27^0 = 44 + 51 + 160 + 222 + 270 \\ 747 &:= 3^6 + 15^0 + 15^1 + 20^0 + 21^0 = 36 + 150 + 151 + 200 + 210 & 747 &:= 4^4 + 5^1 + 17^0 + 22^2 + 26^0 = 44 + 51 + 170 + 222 + 260 \\ 747 &:= 3^6 + 15^1 + 16^0 + 16^0 + 24^0 = 36 + 151 + 160 + 160 + 240 & 747 &:= 4^4 + 5^1 + 18^0 + 22^2 + 25^0 = 44 + 51 + 180 + 222 + 250 \\ 747 &:= 3^6 + 15^1 + 16^0 + 17^0 + 23^0 = 36 + 151 + 160 + 170 + 230 & 747 &:= 4^4 + 5^1 + 19^0 + 22^2 + 24^0 = 44 + 51 + 190 + 222 + 240 \\ 747 &:= 3^6 + 15^1 + 16^0 + 18^0 + 22^0 = 36 + 151 + 160 + 180 + 220 & 747 &:= 4^4 + 5^1 + 20^0 + 22^2 + 23^0 = 44 + 51 + 200 + 222 + 230 \\ 747 &:= 3^6 + 15^1 + 16^0 + 19^0 + 21^0 = 36 + 151 + 160 + 190 + 210 & 747 &:= 4^4 + 5^1 + 21^0 + 22^0 + 22^2 = 44 + 51 + 210 + 220 + 222 \\ 747 &:= 3^6 + 15^1 + 16^0 + 20^0 + 20^0 = 36 + 151 + 160 + 200 + 200 & 747 &:= 5^1 + 14^2 + 16^2 + 17^2 + 22^0 = 51 + 142 + 162 + 172 + 220 \\ 747 &:= 3^6 + 15^1 + 17^0 + 17^0 + 22^0 = 36 + 151 + 170 + 170 + 220 & 747 &:= 5^2 + 10^0 + 11^2 + 24^1 + 24^2 = 52 + 100 + 112 + 241 + 242 \\ 747 &:= 3^6 + 15^1 + 17^0 + 18^0 + 21^0 = 36 + 151 + 170 + 180 + 210 & 747 &:= 5^2 + 10^0 + 13^2 + 23^1 + 23^2 = 52 + 100 + 132 + 231 + 232 \\ 747 &:= 3^6 + 15^1 + 17^0 + 19^0 + 20^0 = 36 + 151 + 170 + 190 + 200 & 747 &:= 5^2 + 12^1 + 15^2 + 20^0 + 22^2 = 52 + 121 + 152 + 200 + 222 \\ 747 &:= 3^6 + 15^1 + 18^0 + 18^0 + 20^0 = 36 + 151 + 180 + 180 + 200 & 747 &:= 5^2 + 5^2 + 18^0 + 20^1 + 26^2 = 52 + 52 + 180 + 201 + 262 \\ 747 &:= 3^6 + 15^1 + 18^0 + 19^0 + 19^0 = 36 + 151 + 180 + 190 + 190 & 747 &:= 5^2 + 8^0 + 16^2 + 21^2 + 24^1 = 52 + 80 + 162 + 212 + 241 \\ 747 &:= 3^6 + 4^0 + 15^1 + 25^0 + 27^0 = 36 + 40 + 151 + 250 + 270 & 747 &:= 5^2 + 9^2 + 15^1 + 20^0 + 25^2 = 52 + 92 + 151 + 200 + 252 \\ 747 &:= 3^6 + 4^0 + 15^1 + 26^0 + 26^0 = 36 + 40 + 151 + 260 + 260 & 747 &:= 5^4 + 10^2 + 12^0 + 20^1 + 27^0 = 54 + 102 + 120 + 201 + 270 \\ 747 &:= 3^6 + 5^0 + 15^1 + 24^0 + 27^0 = 36 + 50 + 151 + 240 + 270 & 747 &:= 5^4 + 10^2 + 13^0 + 20^1 + 26^0 = 54 + 102 + 130 + 201 + 260 \\ 747 &:= 3^6 + 5^0 + 15^1 + 25^0 + 26^0 = 36 + 50 + 151 + 250 + 260 & 747 &:= 5^4 + 10^2 + 14^0 + 20^1 + 25^0 = 54 + 102 + 140 + 201 + 250 \\ 747 &:= 3^6 + 6^0 + 15^1 + 23^0 + 27^0 = 36 + 60 + 151 + 230 + 270 & 747 &:= 5^4 + 10^2 + 15^0 + 20^1 + 24^0 = 54 + 102 + 150 + 201 + 240 \\ 747 &:= 3^6 + 6^0 + 15^1 + 24^0 + 26^0 = 36 + 60 + 151 + 240 + 260 & 747 &:= 5^4 + 10^2 + 16^0 + 20^1 + 23^0 = 54 + 102 + 160 + 201 + 230 \\ 747 &:= 3^6 + 6^0 + 15^1 + 25^0 + 25^0 = 36 + 60 + 151 + 250 + 250 & 747 &:= 5^4 + 10^2 + 17^0 + 20^1 + 22^0 = 54 + 102 + 170 + 201 + 220 \\ 747 &:= 3^6 + 7^0 + 15^1 + 22^0 + 27^0 = 36 + 70 + 151 + 220 + 270 & 747 &:= 5^4 + 10^2 + 18^0 + 20^1 + 21^0 = 54 + 102 + 180 + 201 + 210 \\ 747 &:= 3^6 + 7^0 + 15^1 + 23^0 + 26^0 = 36 + 70 + 151 + 230 + 260 & 747 &:= 5^4 + 10^2 + 19^0 + 20^0 + 20^1 = 54 + 102 + 190 + 200 + 201 \\ 747 &:= 3^6 + 7^0 + 15^1 + 24^0 + 25^0 = 36 + 70 + 151 + 240 + 250 & 747 &:= 6^0 + 12^2 + 16^2 + 18^2 + 22^1 = 60 + 122 + 162 + 182 + 221 \\ 747 &:= 3^6 + 8^0 + 15^1 + 21^0 + 27^0 = 36 + 80 + 151 + 210 + 270 & 747 &:= 6^0 + 6^2 + 18^2 + 19^2 + 25^1 = 60 + 62 + 182 + 192 + 251 \end{aligned}$$

$747 := 6^0 + 7^3 + 15^1 + 19^2 + 27^1$	$= 60 + 73 + 151 + 192 + 271$	$747 := 8^0 + 13^2 + 14^2 + 19^2 + 20^1$	$= 80 + 132 + 142 + 192 + 201$
$747 := 6^0 + 7^3 + 16^1 + 19^2 + 26^1$	$= 60 + 73 + 161 + 192 + 261$	$747 := 8^0 + 8^2 + 9^2 + 24^2 + 25^1$	$= 80 + 82 + 92 + 242 + 251$
$747 := 6^0 + 7^3 + 17^1 + 19^2 + 25^1$	$= 60 + 73 + 171 + 192 + 251$	$747 := 8^1 + 11^2 + 16^2 + 19^2 + 20^0$	$= 81 + 112 + 162 + 192 + 200$
$747 := 6^0 + 7^3 + 18^1 + 19^2 + 24^1$	$= 60 + 73 + 181 + 192 + 241$	$747 := 8^1 + 13^2 + 13^2 + 20^0 + 20^2$	$= 81 + 132 + 132 + 200 + 202$
$747 := 6^0 + 7^3 + 19^1 + 19^2 + 23^1$	$= 60 + 73 + 191 + 192 + 231$	$747 := 8^1 + 9^2 + 9^2 + 24^0 + 24^2$	$= 81 + 92 + 92 + 240 + 242$
$747 := 6^0 + 7^3 + 19^2 + 20^1 + 22^1$	$= 60 + 73 + 192 + 201 + 221$	$747 := 8^2 + 14^0 + 15^2 + 16^1 + 21^2$	$= 82 + 140 + 152 + 161 + 212$
$747 := 6^0 + 7^3 + 19^2 + 21^1 + 21^1$	$= 60 + 73 + 192 + 211 + 211$	$747 := 8^2 + 8^3 + 13^2 + 18^0 + 27^0$	$= 82 + 83 + 132 + 180 + 270$
$747 := 6^1 + 12^2 + 14^2 + 20^2 + 22^0$	$= 61 + 122 + 142 + 202 + 220$	$747 := 8^2 + 8^3 + 13^2 + 19^0 + 26^0$	$= 82 + 83 + 132 + 190 + 260$
$747 := 6^1 + 8^2 + 10^2 + 24^2 + 26^0$	$= 61 + 82 + 102 + 242 + 260$	$747 := 8^2 + 8^3 + 13^2 + 20^0 + 25^0$	$= 82 + 83 + 132 + 200 + 250$
$747 := 6^2 + 10^0 + 17^2 + 20^2 + 21^1$	$= 62 + 100 + 172 + 202 + 211$	$747 := 8^2 + 8^3 + 13^2 + 21^0 + 24^0$	$= 82 + 83 + 132 + 210 + 240$
$747 := 6^2 + 11^2 + 13^1 + 20^0 + 24^2$	$= 62 + 112 + 131 + 200 + 242$	$747 := 8^2 + 8^3 + 13^2 + 22^0 + 23^0$	$= 82 + 83 + 132 + 220 + 230$
$747 := 6^2 + 12^1 + 13^2 + 20^0 + 23^2$	$= 62 + 121 + 132 + 200 + 232$	$747 := 8^2 + 9^1 + 12^2 + 22^0 + 23^2$	$= 82 + 91 + 122 + 220 + 232$
$747 := 6^2 + 13^1 + 16^2 + 18^0 + 21^2$	$= 62 + 131 + 162 + 180 + 212$	$747 := 8^3 + 11^1 + 14^0 + 14^2 + 27^1$	$= 83 + 111 + 140 + 142 + 271$
$747 := 6^2 + 8^2 + 14^0 + 21^1 + 25^2$	$= 62 + 82 + 140 + 211 + 252$	$747 := 8^3 + 12^1 + 14^0 + 14^2 + 26^1$	$= 83 + 121 + 140 + 142 + 261$
$747 := 6^3 + 8^3 + 16^0 + 17^1 + 27^0$	$= 63 + 83 + 160 + 171 + 270$	$747 := 8^3 + 13^1 + 14^0 + 14^2 + 25^1$	$= 83 + 131 + 140 + 142 + 251$
$747 := 6^3 + 8^3 + 17^0 + 17^1 + 26^0$	$= 63 + 83 + 170 + 171 + 260$	$747 := 8^3 + 14^0 + 14^1 + 14^2 + 24^1$	$= 83 + 140 + 141 + 142 + 241$
$747 := 6^3 + 8^3 + 17^1 + 18^0 + 25^0$	$= 63 + 83 + 171 + 180 + 250$	$747 := 8^3 + 14^0 + 14^2 + 15^1 + 23^1$	$= 83 + 140 + 142 + 151 + 231$
$747 := 6^3 + 8^3 + 17^1 + 19^0 + 24^0$	$= 63 + 83 + 171 + 190 + 240$	$747 := 8^3 + 14^0 + 14^2 + 16^1 + 22^1$	$= 83 + 140 + 142 + 161 + 221$
$747 := 6^3 + 8^3 + 17^1 + 20^0 + 23^0$	$= 63 + 83 + 171 + 200 + 230$	$747 := 8^3 + 14^0 + 14^2 + 17^1 + 21^1$	$= 83 + 140 + 142 + 171 + 211$
$747 := 6^3 + 8^3 + 17^1 + 21^0 + 22^0$	$= 63 + 83 + 171 + 210 + 220$	$747 := 8^3 + 14^0 + 14^2 + 18^1 + 20^1$	$= 83 + 140 + 142 + 181 + 201$
$747 := 7^1 + 15^2 + 15^2 + 17^2 + 20^0$	$= 71 + 152 + 152 + 172 + 200$	$747 := 8^3 + 14^0 + 14^2 + 19^1 + 19^1$	$= 83 + 140 + 142 + 191 + 191$
$747 := 7^2 + 10^2 + 12^0 + 21^1 + 24^2$	$= 72 + 102 + 120 + 211 + 242$	$747 := 9^1 + 10^2 + 14^2 + 20^0 + 21^2$	$= 91 + 102 + 142 + 200 + 212$
$747 := 7^2 + 12^1 + 18^0 + 18^2 + 19^2$	$= 72 + 121 + 180 + 182 + 192$	$747 := 9^1 + 15^2 + 16^2 + 16^2 + 18^0$	$= 91 + 152 + 162 + 162 + 180$
$747 := 7^2 + 14^0 + 14^2 + 17^1 + 22^2$	$= 72 + 140 + 142 + 171 + 222$	$747 := 9^1 + 9^2 + 16^2 + 20^0 + 20^2$	$= 91 + 92 + 162 + 200 + 202$
$747 := 7^2 + 7^2 + 12^0 + 23^1 + 25^2$	$= 72 + 72 + 120 + 231 + 252$	$747 := 9^2 + 11^2 + 15^1 + 16^0 + 23^2$	$= 92 + 112 + 151 + 160 + 232$
$747 := 7^2 + 8^0 + 12^2 + 23^2 + 24^1$	$= 72 + 80 + 122 + 232 + 241$	$747 := 9^2 + 12^0 + 17^1 + 18^2 + 18^2$	$= 92 + 120 + 171 + 182 + 182$
$747 := 7^2 + 8^1 + 17^2 + 20^2 + 22^0$	$= 72 + 81 + 172 + 202 + 220$	$747 := 9^2 + 12^1 + 13^2 + 18^0 + 22^2$	$= 92 + 121 + 132 + 180 + 222$
$747 := 7^2 + 8^1 + 8^2 + 25^2 + 26^0$	$= 72 + 81 + 82 + 252 + 260$	$747 := 9^2 + 14^0 + 15^1 + 17^2 + 19^2$	$= 92 + 140 + 151 + 172 + 192$
$747 := 8^0 + 10^2 + 15^2 + 20^2 + 21^1$	$= 80 + 102 + 152 + 202 + 211$		

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$748 := 1^1 + 3^6 + 17^1 + 53^0$	$= 11 + 36 + 171 + 530$	$748 := 2^1 + 2^4 + 9^3 + 61^0$	$= 21 + 24 + 93 + 610$
$748 := 1^2 + 3^3 + 26^2 + 44^1$	$= 12 + 33 + 262 + 441$	$748 := 2^1 + 3^6 + 16^1 + 53^0$	$= 21 + 36 + 161 + 530$
$748 := 1^2 + 5^4 + 11^2 + 57^0$	$= 12 + 54 + 112 + 570$	$748 := 2^2 + 5^3 + 24^2 + 43^1$	$= 22 + 53 + 242 + 431$
$748 := 1^4 + 11^2 + 25^2 + 37^0$	$= 14 + 112 + 252 + 370$	$748 := 2^2 + 6^3 + 22^2 + 44^1$	$= 22 + 63 + 222 + 441$
$748 := 1^4 + 9^3 + 17^1 + 47^0$	$= 14 + 93 + 171 + 470$	$748 := 2^5 + 7^0 + 26^2 + 39^1$	$= 25 + 70 + 262 + 391$
$748 := 1^5 + 17^1 + 27^2 + 29^0$	$= 15 + 171 + 272 + 290$	$748 := 3^1 + 3^6 + 15^1 + 53^0$	$= 31 + 36 + 151 + 530$

$$\begin{aligned}
 748 &:= 3^4 + 15^2 + 21^2 + 35^0 &= 34 + 152 + 212 + 350 & 748 &:= 1^4 + 10^0 + 13^2 + 24^2 + 26^0 &= 14 + 100 + 132 + 242 + 260 \\
 748 &:= 3^5 + 20^1 + 22^2 + 29^0 &= 35 + 201 + 222 + 290 & 748 &:= 1^4 + 11^0 + 13^2 + 24^2 + 25^0 &= 14 + 110 + 132 + 242 + 250 \\
 748 &:= 3^6 + 4^1 + 14^1 + 53^0 &= 36 + 41 + 141 + 530 & 748 &:= 1^4 + 12^0 + 13^2 + 24^0 + 24^2 &= 14 + 120 + 132 + 240 + 242 \\
 748 &:= 3^6 + 5^1 + 13^1 + 53^0 &= 36 + 51 + 131 + 530 & 748 &:= 1^4 + 13^0 + 13^2 + 23^0 + 24^2 &= 14 + 130 + 132 + 230 + 242 \\
 748 &:= 3^6 + 6^1 + 12^1 + 53^0 &= 36 + 61 + 121 + 530 & 748 &:= 1^4 + 13^2 + 14^0 + 22^0 + 24^2 &= 14 + 132 + 140 + 220 + 242 \\
 748 &:= 3^6 + 7^1 + 11^1 + 53^0 &= 36 + 71 + 111 + 530 & 748 &:= 1^4 + 13^2 + 15^0 + 21^0 + 24^2 &= 14 + 132 + 150 + 210 + 242 \\
 748 &:= 3^6 + 8^1 + 10^1 + 53^0 &= 36 + 81 + 101 + 530 & 748 &:= 1^4 + 13^2 + 16^0 + 20^0 + 24^2 &= 14 + 132 + 160 + 200 + 242 \\
 748 &:= 3^6 + 9^1 + 9^1 + 53^0 &= 36 + 91 + 91 + 530 & 748 &:= 1^4 + 13^2 + 17^0 + 19^0 + 24^2 &= 14 + 132 + 170 + 190 + 242 \\
 748 &:= 4^3 + 17^2 + 19^2 + 34^1 &= 43 + 172 + 192 + 341 & 748 &:= 1^4 + 13^2 + 18^0 + 18^0 + 24^2 &= 14 + 132 + 180 + 180 + 242 \\
 748 &:= 4^3 + 5^4 + 7^0 + 58^1 &= 43 + 54 + 70 + 581 & 748 &:= 1^4 + 4^2 + 15^0 + 27^0 + 27^2 &= 14 + 42 + 150 + 270 + 272 \\
 748 &:= 7^3 + 13^2 + 14^2 + 40^1 &= 73 + 132 + 142 + 401 & 748 &:= 1^4 + 4^2 + 16^0 + 26^0 + 27^2 &= 14 + 42 + 160 + 260 + 272 \\
 748 &:= 1^1 + 3^3 + 17^1 + 26^2 + 27^1 &= 11 + 33 + 171 + 262 + 271 & 748 &:= 1^4 + 4^2 + 17^0 + 25^0 + 27^2 &= 14 + 42 + 170 + 250 + 272 \\
 748 &:= 1^1 + 3^3 + 18^1 + 26^1 + 26^2 &= 11 + 33 + 181 + 261 + 262 & 748 &:= 1^4 + 4^2 + 18^0 + 24^0 + 27^2 &= 14 + 42 + 180 + 240 + 272 \\
 748 &:= 1^1 + 3^3 + 19^1 + 25^1 + 26^2 &= 11 + 33 + 191 + 251 + 262 & 748 &:= 1^4 + 4^2 + 19^0 + 23^0 + 27^2 &= 14 + 42 + 190 + 230 + 272 \\
 748 &:= 1^1 + 3^3 + 20^1 + 24^1 + 26^2 &= 11 + 33 + 201 + 241 + 262 & 748 &:= 1^4 + 4^2 + 20^0 + 22^0 + 27^2 &= 14 + 42 + 200 + 220 + 272 \\
 748 &:= 1^1 + 3^3 + 21^1 + 23^1 + 26^2 &= 11 + 33 + 211 + 231 + 262 & 748 &:= 1^4 + 4^2 + 21^0 + 21^0 + 27^2 &= 14 + 42 + 210 + 210 + 272 \\
 748 &:= 1^1 + 3^3 + 22^1 + 22^1 + 26^2 &= 11 + 33 + 221 + 221 + 262 & 748 &:= 1^4 + 9^0 + 13^2 + 24^2 + 27^0 &= 14 + 90 + 132 + 242 + 270 \\
 748 &:= 1^1 + 3^6 + 16^1 + 27^0 + 27^0 &= 11 + 36 + 161 + 270 + 270 & 748 &:= 1^4 + 9^3 + 16^1 + 21^0 + 27^0 &= 14 + 93 + 161 + 210 + 270 \\
 748 &:= 1^2 + 11^2 + 15^2 + 20^2 + 27^0 &= 12 + 112 + 152 + 202 + 270 & 748 &:= 1^4 + 9^3 + 16^1 + 22^0 + 26^0 &= 14 + 93 + 161 + 220 + 260 \\
 748 &:= 1^2 + 2^4 + 17^0 + 27^0 + 27^2 &= 12 + 24 + 170 + 270 + 272 & 748 &:= 1^4 + 9^3 + 16^1 + 23^0 + 25^0 &= 14 + 93 + 161 + 230 + 250 \\
 748 &:= 1^2 + 2^4 + 18^0 + 26^0 + 27^2 &= 12 + 24 + 180 + 260 + 272 & 748 &:= 1^4 + 9^3 + 16^1 + 24^0 + 24^0 &= 14 + 93 + 161 + 240 + 240 \\
 748 &:= 1^2 + 2^4 + 19^0 + 25^0 + 27^2 &= 12 + 24 + 190 + 250 + 272 & 748 &:= 1^5 + 10^0 + 16^1 + 20^0 + 27^2 &= 15 + 100 + 161 + 200 + 272 \\
 748 &:= 1^2 + 2^4 + 20^0 + 24^0 + 27^2 &= 12 + 24 + 200 + 240 + 272 & 748 &:= 1^5 + 11^0 + 16^1 + 19^0 + 27^2 &= 15 + 110 + 161 + 190 + 272 \\
 748 &:= 1^2 + 2^4 + 21^0 + 23^0 + 27^2 &= 12 + 24 + 210 + 230 + 272 & 748 &:= 1^5 + 12^0 + 16^1 + 18^0 + 27^2 &= 15 + 120 + 161 + 180 + 272 \\
 748 &:= 1^2 + 2^4 + 22^0 + 22^0 + 27^2 &= 12 + 24 + 220 + 220 + 272 & 748 &:= 1^5 + 13^0 + 16^1 + 17^0 + 27^2 &= 15 + 130 + 161 + 170 + 272 \\
 748 &:= 1^3 + 10^2 + 17^0 + 21^1 + 25^2 &= 13 + 102 + 170 + 211 + 252 & 748 &:= 1^5 + 14^0 + 16^0 + 16^1 + 27^2 &= 15 + 140 + 160 + 161 + 272 \\
 748 &:= 1^3 + 11^0 + 12^2 + 24^2 + 26^1 &= 13 + 110 + 122 + 242 + 261 & 748 &:= 1^5 + 15^0 + 15^0 + 16^1 + 27^2 &= 15 + 150 + 150 + 161 + 272 \\
 748 &:= 1^3 + 11^0 + 19^2 + 19^2 + 24^1 &= 13 + 110 + 192 + 192 + 241 & 748 &:= 1^5 + 3^0 + 16^1 + 27^0 + 27^2 &= 15 + 30 + 161 + 270 + 272 \\
 748 &:= 1^3 + 13^0 + 18^2 + 20^2 + 22^1 &= 13 + 130 + 182 + 202 + 221 & 748 &:= 1^5 + 4^0 + 16^1 + 26^0 + 27^2 &= 15 + 40 + 161 + 260 + 272 \\
 748 &:= 1^3 + 14^2 + 15^0 + 21^1 + 23^2 &= 13 + 142 + 150 + 211 + 232 & 748 &:= 1^5 + 5^0 + 16^1 + 25^0 + 27^2 &= 15 + 50 + 161 + 250 + 272 \\
 748 &:= 1^3 + 16^1 + 17^2 + 19^0 + 21^2 &= 13 + 161 + 172 + 190 + 212 & 748 &:= 1^5 + 6^0 + 16^1 + 24^0 + 27^2 &= 15 + 60 + 161 + 240 + 272 \\
 748 &:= 1^3 + 6^3 + 17^0 + 23^2 + 27^0 &= 13 + 63 + 170 + 232 + 270 & 748 &:= 1^5 + 7^0 + 16^1 + 23^0 + 27^2 &= 15 + 70 + 161 + 230 + 272 \\
 748 &:= 1^3 + 6^3 + 18^0 + 23^2 + 26^0 &= 13 + 63 + 180 + 232 + 260 & 748 &:= 1^5 + 8^0 + 16^1 + 22^0 + 27^2 &= 15 + 80 + 161 + 220 + 272 \\
 748 &:= 1^3 + 6^3 + 19^0 + 23^2 + 25^0 &= 13 + 63 + 190 + 232 + 250 & 748 &:= 1^5 + 9^0 + 16^1 + 21^0 + 27^2 &= 15 + 90 + 161 + 210 + 272 \\
 748 &:= 1^3 + 6^3 + 20^0 + 23^2 + 24^0 &= 13 + 63 + 200 + 232 + 240 & 748 &:= 11^2 + 11^2 + 12^2 + 19^2 + 21^0 &= 112 + 112 + 122 + 192 + 210 \\
 748 &:= 1^3 + 6^3 + 21^0 + 23^0 + 23^2 &= 13 + 63 + 210 + 230 + 232 & 748 &:= 2^1 + 3^3 + 16^1 + 26^2 + 27^1 &= 21 + 33 + 161 + 262 + 271 \\
 748 &:= 1^3 + 6^3 + 22^0 + 22^0 + 23^2 &= 13 + 63 + 220 + 220 + 232 & 748 &:= 2^1 + 3^3 + 17^1 + 26^1 + 26^2 &= 21 + 33 + 171 + 261 + 262 \\
 748 &:= 1^3 + 7^2 + 19^0 + 21^1 + 26^2 &= 13 + 72 + 190 + 211 + 262 & 748 &:= 2^1 + 3^3 + 18^1 + 25^1 + 26^2 &= 21 + 33 + 181 + 251 + 262
 \end{aligned}$$

$$\begin{aligned}
 748 &:= 2^1 + 3^3 + 19^1 + 24^1 + 26^2 = 21 + 33 + 191 + 241 + 262 & 748 &:= 2^4 + 17^0 + 17^0 + 17^2 + 21^2 = 24 + 170 + 170 + 172 + 212 \\
 748 &:= 2^1 + 3^3 + 20^1 + 23^1 + 26^2 = 21 + 33 + 201 + 231 + 262 & 748 &:= 2^4 + 7^0 + 17^2 + 21^2 + 27^0 = 24 + 70 + 172 + 212 + 270 \\
 748 &:= 2^1 + 3^3 + 21^1 + 22^1 + 26^2 = 21 + 33 + 211 + 221 + 262 & 748 &:= 2^4 + 8^0 + 17^2 + 21^2 + 26^0 = 24 + 80 + 172 + 212 + 260 \\
 748 &:= 2^1 + 3^6 + 15^1 + 27^0 + 27^0 = 21 + 36 + 151 + 270 + 270 & 748 &:= 2^4 + 9^0 + 17^2 + 21^2 + 25^0 = 24 + 90 + 172 + 212 + 250 \\
 748 &:= 2^2 + 10^1 + 15^2 + 22^2 + 25^1 = 22 + 101 + 152 + 222 + 251 & 748 &:= 3^0 + 3^5 + 19^1 + 22^2 + 27^0 = 30 + 35 + 191 + 222 + 270 \\
 748 &:= 2^2 + 11^1 + 15^2 + 22^2 + 24^1 = 22 + 111 + 152 + 222 + 241 & 748 &:= 3^1 + 3^3 + 15^1 + 26^2 + 27^1 = 31 + 33 + 151 + 262 + 271 \\
 748 &:= 2^2 + 12^1 + 15^2 + 22^2 + 23^1 = 22 + 121 + 152 + 222 + 231 & 748 &:= 3^1 + 3^3 + 16^1 + 26^1 + 26^2 = 31 + 33 + 161 + 261 + 262 \\
 748 &:= 2^2 + 13^1 + 15^2 + 22^1 + 22^2 = 22 + 131 + 152 + 221 + 222 & 748 &:= 3^1 + 3^3 + 17^1 + 25^1 + 26^2 = 31 + 33 + 171 + 251 + 262 \\
 748 &:= 2^2 + 14^1 + 15^2 + 21^1 + 22^2 = 22 + 141 + 152 + 211 + 222 & 748 &:= 3^1 + 3^3 + 18^1 + 24^1 + 26^2 = 31 + 33 + 181 + 241 + 262 \\
 748 &:= 2^2 + 15^1 + 15^2 + 20^1 + 22^2 = 22 + 151 + 152 + 201 + 222 & 748 &:= 3^1 + 3^3 + 19^1 + 23^1 + 26^2 = 31 + 33 + 191 + 231 + 262 \\
 748 &:= 2^2 + 15^2 + 16^1 + 19^1 + 22^2 = 22 + 152 + 161 + 191 + 222 & 748 &:= 3^1 + 3^3 + 20^1 + 22^1 + 26^2 = 31 + 33 + 201 + 221 + 262 \\
 748 &:= 2^2 + 15^2 + 17^1 + 18^1 + 22^2 = 22 + 152 + 171 + 181 + 222 & 748 &:= 3^1 + 3^3 + 21^1 + 21^1 + 26^2 = 31 + 33 + 211 + 211 + 262 \\
 748 &:= 2^2 + 8^1 + 15^2 + 22^2 + 27^1 = 22 + 81 + 152 + 222 + 271 & 748 &:= 3^1 + 3^6 + 14^1 + 27^0 + 27^0 = 31 + 36 + 141 + 270 + 270 \\
 748 &:= 2^2 + 9^1 + 15^2 + 22^2 + 26^1 = 22 + 91 + 152 + 222 + 261 & 748 &:= 3^1 + 9^2 + 14^2 + 21^2 + 27^1 = 31 + 92 + 142 + 212 + 271 \\
 748 &:= 2^2 + 9^2 + 11^1 + 25^2 + 27^1 = 22 + 92 + 111 + 252 + 271 & 748 &:= 3^2 + 11^2 + 16^2 + 19^2 + 25^0 = 32 + 112 + 162 + 192 + 250 \\
 748 &:= 2^2 + 9^2 + 12^1 + 25^2 + 26^1 = 22 + 92 + 121 + 252 + 261 & 748 &:= 3^2 + 13^2 + 13^2 + 20^2 + 25^0 = 32 + 132 + 132 + 202 + 250 \\
 748 &:= 2^2 + 9^2 + 13^1 + 25^1 + 25^2 = 22 + 92 + 131 + 251 + 252 & 748 &:= 3^2 + 7^2 + 17^2 + 20^2 + 27^0 = 32 + 72 + 172 + 202 + 270 \\
 748 &:= 2^2 + 9^2 + 14^1 + 24^1 + 25^2 = 22 + 92 + 141 + 241 + 252 & 748 &:= 3^3 + 10^1 + 10^1 + 25^1 + 26^2 = 33 + 101 + 101 + 251 + 262 \\
 748 &:= 2^2 + 9^2 + 15^1 + 23^1 + 25^2 = 22 + 92 + 151 + 231 + 252 & 748 &:= 3^3 + 10^1 + 11^1 + 24^1 + 26^2 = 33 + 101 + 111 + 241 + 262 \\
 748 &:= 2^2 + 9^2 + 16^1 + 22^1 + 25^2 = 22 + 92 + 161 + 221 + 252 & 748 &:= 3^3 + 10^1 + 12^1 + 23^1 + 26^2 = 33 + 101 + 121 + 231 + 262 \\
 748 &:= 2^2 + 9^2 + 17^1 + 21^1 + 25^2 = 22 + 92 + 171 + 211 + 252 & 748 &:= 3^3 + 10^1 + 13^1 + 22^1 + 26^2 = 33 + 101 + 131 + 221 + 262 \\
 748 &:= 2^2 + 9^2 + 18^1 + 20^1 + 25^2 = 22 + 92 + 181 + 201 + 252 & 748 &:= 3^3 + 10^1 + 14^1 + 21^1 + 26^2 = 33 + 101 + 141 + 211 + 262 \\
 748 &:= 2^2 + 9^2 + 19^1 + 19^1 + 25^2 = 22 + 92 + 191 + 191 + 252 & 748 &:= 3^3 + 10^1 + 15^1 + 20^1 + 26^2 = 33 + 101 + 151 + 201 + 262 \\
 748 &:= 2^3 + 10^2 + 14^1 + 23^0 + 25^2 = 23 + 102 + 141 + 230 + 252 & 748 &:= 3^3 + 10^1 + 16^1 + 19^1 + 26^2 = 33 + 101 + 161 + 191 + 262 \\
 748 &:= 2^3 + 12^2 + 17^0 + 19^1 + 24^2 = 23 + 122 + 170 + 191 + 242 & 748 &:= 3^3 + 10^1 + 17^1 + 18^1 + 26^2 = 33 + 101 + 171 + 181 + 262 \\
 748 &:= 2^3 + 14^1 + 14^2 + 21^0 + 23^2 = 23 + 141 + 142 + 210 + 232 & 748 &:= 3^3 + 11^0 + 16^2 + 21^2 + 23^1 = 33 + 110 + 162 + 212 + 231 \\
 748 &:= 2^3 + 15^1 + 18^2 + 19^0 + 20^2 = 23 + 151 + 182 + 190 + 202 & 748 &:= 3^3 + 11^1 + 11^1 + 23^1 + 26^2 = 33 + 111 + 111 + 231 + 262 \\
 748 &:= 2^3 + 17^0 + 17^1 + 19^2 + 19^2 = 23 + 170 + 171 + 192 + 192 & 748 &:= 3^3 + 11^1 + 12^1 + 22^1 + 26^2 = 33 + 111 + 121 + 221 + 262 \\
 748 &:= 2^3 + 6^2 + 13^0 + 26^2 + 27^1 = 23 + 62 + 130 + 262 + 271 & 748 &:= 3^3 + 11^1 + 13^1 + 21^1 + 26^2 = 33 + 111 + 131 + 211 + 262 \\
 748 &:= 2^3 + 7^2 + 14^1 + 25^0 + 26^2 = 23 + 72 + 141 + 250 + 262 & 748 &:= 3^3 + 11^1 + 14^1 + 20^1 + 26^2 = 33 + 111 + 141 + 201 + 262 \\
 748 &:= 2^3 + 9^1 + 17^2 + 21^2 + 25^0 = 23 + 91 + 172 + 212 + 250 & 748 &:= 3^3 + 11^1 + 15^1 + 19^1 + 26^2 = 33 + 111 + 151 + 191 + 262 \\
 748 &:= 2^4 + 10^0 + 17^2 + 21^2 + 24^0 = 24 + 100 + 172 + 212 + 240 & 748 &:= 3^3 + 11^1 + 15^2 + 22^2 + 23^0 = 33 + 111 + 152 + 222 + 230 \\
 748 &:= 2^4 + 11^0 + 17^2 + 21^2 + 23^0 = 24 + 110 + 172 + 212 + 230 & 748 &:= 3^3 + 11^1 + 16^1 + 18^1 + 26^2 = 33 + 111 + 161 + 181 + 262 \\
 748 &:= 2^4 + 12^0 + 17^2 + 21^2 + 22^0 = 24 + 120 + 172 + 212 + 220 & 748 &:= 3^3 + 11^1 + 17^1 + 17^1 + 26^2 = 33 + 111 + 171 + 171 + 262 \\
 748 &:= 2^4 + 13^0 + 17^2 + 21^0 + 21^2 = 24 + 130 + 172 + 210 + 212 & 748 &:= 3^3 + 11^2 + 13^0 + 23^1 + 24^2 = 33 + 112 + 130 + 231 + 242 \\
 748 &:= 2^4 + 14^0 + 17^2 + 20^0 + 21^2 = 24 + 140 + 172 + 200 + 212 & 748 &:= 3^3 + 12^1 + 12^1 + 21^1 + 26^2 = 33 + 121 + 121 + 211 + 262 \\
 748 &:= 2^4 + 15^0 + 17^2 + 19^0 + 21^2 = 24 + 150 + 172 + 190 + 212 & 748 &:= 3^3 + 12^1 + 13^1 + 20^1 + 26^2 = 33 + 121 + 131 + 201 + 262 \\
 748 &:= 2^4 + 16^0 + 17^2 + 18^0 + 21^2 = 24 + 160 + 172 + 180 + 212 & 748 &:= 3^3 + 12^1 + 14^1 + 19^1 + 26^2 = 33 + 121 + 141 + 191 + 262
 \end{aligned}$$

$$\begin{aligned} 748 &:= 3^3 + 12^1 + 15^1 + 18^1 + 26^2 = 33 + 121 + 151 + 181 + 262 & 748 &:= 3^3 + 7^1 + 15^1 + 23^1 + 26^2 = 33 + 71 + 151 + 231 + 262 \\ 748 &:= 3^3 + 12^1 + 16^1 + 17^1 + 26^2 = 33 + 121 + 161 + 171 + 262 & 748 &:= 3^3 + 7^1 + 16^1 + 22^1 + 26^2 = 33 + 71 + 161 + 221 + 262 \\ 748 &:= 3^3 + 13^0 + 13^2 + 22^1 + 23^2 = 33 + 130 + 132 + 221 + 232 & 748 &:= 3^3 + 7^1 + 17^1 + 21^1 + 26^2 = 33 + 71 + 171 + 211 + 262 \\ 748 &:= 3^3 + 13^1 + 13^1 + 19^1 + 26^2 = 33 + 131 + 131 + 191 + 262 & 748 &:= 3^3 + 7^1 + 18^1 + 20^1 + 26^2 = 33 + 71 + 181 + 201 + 262 \\ 748 &:= 3^3 + 13^1 + 14^1 + 18^1 + 26^2 = 33 + 131 + 141 + 181 + 262 & 748 &:= 3^3 + 7^1 + 19^1 + 19^1 + 26^2 = 33 + 71 + 191 + 191 + 262 \\ 748 &:= 3^3 + 13^1 + 15^1 + 17^1 + 26^2 = 33 + 131 + 151 + 171 + 262 & 748 &:= 3^3 + 8^1 + 10^1 + 26^2 + 27^1 = 33 + 81 + 101 + 262 + 271 \\ 748 &:= 3^3 + 13^1 + 16^1 + 16^1 + 26^2 = 33 + 131 + 161 + 161 + 262 & 748 &:= 3^3 + 8^1 + 11^1 + 26^1 + 26^2 = 33 + 81 + 111 + 261 + 262 \\ 748 &:= 3^3 + 14^1 + 14^1 + 17^1 + 26^2 = 33 + 141 + 141 + 171 + 262 & 748 &:= 3^3 + 8^1 + 12^1 + 25^1 + 26^2 = 33 + 81 + 121 + 251 + 262 \\ 748 &:= 3^3 + 14^1 + 15^1 + 16^1 + 26^2 = 33 + 141 + 151 + 161 + 262 & 748 &:= 3^3 + 8^1 + 13^1 + 24^1 + 26^2 = 33 + 81 + 131 + 241 + 262 \\ 748 &:= 3^3 + 15^1 + 15^1 + 15^1 + 26^2 = 33 + 151 + 151 + 151 + 262 & 748 &:= 3^3 + 8^1 + 14^1 + 23^1 + 26^2 = 33 + 81 + 141 + 231 + 262 \\ 748 &:= 3^3 + 4^1 + 14^1 + 26^2 + 27^1 = 33 + 41 + 141 + 262 + 271 & 748 &:= 3^3 + 8^1 + 15^1 + 22^1 + 26^2 = 33 + 81 + 151 + 221 + 262 \\ 748 &:= 3^3 + 4^1 + 15^1 + 26^1 + 26^2 = 33 + 41 + 151 + 261 + 262 & 748 &:= 3^3 + 8^1 + 16^1 + 21^1 + 26^2 = 33 + 81 + 161 + 211 + 262 \\ 748 &:= 3^3 + 4^1 + 16^1 + 25^1 + 26^2 = 33 + 41 + 161 + 251 + 262 & 748 &:= 3^3 + 8^1 + 17^1 + 20^1 + 26^2 = 33 + 81 + 171 + 201 + 262 \\ 748 &:= 3^3 + 4^1 + 17^1 + 24^1 + 26^2 = 33 + 41 + 171 + 241 + 262 & 748 &:= 3^3 + 8^1 + 18^1 + 19^1 + 26^2 = 33 + 81 + 181 + 191 + 262 \\ 748 &:= 3^3 + 4^1 + 18^1 + 23^1 + 26^2 = 33 + 41 + 181 + 231 + 262 & 748 &:= 3^3 + 9^1 + 10^1 + 26^1 + 26^2 = 33 + 91 + 101 + 261 + 262 \\ 748 &:= 3^3 + 4^1 + 19^1 + 22^1 + 26^2 = 33 + 41 + 191 + 221 + 262 & 748 &:= 3^3 + 9^1 + 11^1 + 25^1 + 26^2 = 33 + 91 + 111 + 251 + 262 \\ 748 &:= 3^3 + 4^1 + 20^1 + 21^1 + 26^2 = 33 + 41 + 201 + 211 + 262 & 748 &:= 3^3 + 9^1 + 12^1 + 24^1 + 26^2 = 33 + 91 + 121 + 241 + 262 \\ 748 &:= 3^3 + 5^1 + 13^1 + 26^2 + 27^1 = 33 + 51 + 131 + 262 + 271 & 748 &:= 3^3 + 9^1 + 13^1 + 23^1 + 26^2 = 33 + 91 + 131 + 231 + 262 \\ 748 &:= 3^3 + 5^1 + 14^1 + 26^1 + 26^2 = 33 + 51 + 141 + 261 + 262 & 748 &:= 3^3 + 9^1 + 14^1 + 22^1 + 26^2 = 33 + 91 + 141 + 221 + 262 \\ 748 &:= 3^3 + 5^1 + 15^1 + 25^1 + 26^2 = 33 + 51 + 151 + 251 + 262 & 748 &:= 3^3 + 9^1 + 15^1 + 21^1 + 26^2 = 33 + 91 + 151 + 211 + 262 \\ 748 &:= 3^3 + 5^1 + 16^1 + 24^1 + 26^2 = 33 + 51 + 161 + 241 + 262 & 748 &:= 3^3 + 9^1 + 16^1 + 20^1 + 26^2 = 33 + 91 + 161 + 201 + 262 \\ 748 &:= 3^3 + 5^1 + 17^1 + 23^1 + 26^2 = 33 + 51 + 171 + 231 + 262 & 748 &:= 3^3 + 9^1 + 17^1 + 19^1 + 26^2 = 33 + 91 + 171 + 191 + 262 \\ 748 &:= 3^3 + 5^1 + 18^1 + 22^1 + 26^2 = 33 + 51 + 181 + 221 + 262 & 748 &:= 3^3 + 9^1 + 18^1 + 18^1 + 26^2 = 33 + 91 + 181 + 181 + 262 \\ 748 &:= 3^3 + 5^1 + 19^1 + 21^1 + 26^2 = 33 + 51 + 191 + 211 + 262 & 748 &:= 3^3 + 9^1 + 9^1 + 26^2 + 27^1 = 33 + 91 + 91 + 262 + 271 \\ 748 &:= 3^3 + 5^1 + 20^1 + 20^1 + 26^2 = 33 + 51 + 201 + 201 + 262 & 748 &:= 3^3 + 9^2 + 14^1 + 23^0 + 25^2 = 33 + 92 + 141 + 230 + 252 \\ 748 &:= 3^3 + 5^2 + 19^1 + 21^0 + 26^2 = 33 + 52 + 191 + 210 + 262 & 748 &:= 3^4 + 5^0 + 14^1 + 25^2 + 27^1 = 34 + 50 + 141 + 252 + 271 \\ 748 &:= 3^3 + 6^1 + 12^1 + 26^2 + 27^1 = 33 + 61 + 121 + 262 + 271 & 748 &:= 3^4 + 5^0 + 15^1 + 25^2 + 26^1 = 34 + 50 + 151 + 252 + 261 \\ 748 &:= 3^3 + 6^1 + 13^1 + 26^1 + 26^2 = 33 + 61 + 131 + 261 + 262 & 748 &:= 3^4 + 5^0 + 16^1 + 25^1 + 25^2 = 34 + 50 + 161 + 251 + 252 \\ 748 &:= 3^3 + 6^1 + 14^1 + 25^1 + 26^2 = 33 + 61 + 141 + 251 + 262 & 748 &:= 3^4 + 5^0 + 17^1 + 24^1 + 25^2 = 34 + 50 + 171 + 241 + 252 \\ 748 &:= 3^3 + 6^1 + 15^1 + 24^1 + 26^2 = 33 + 61 + 151 + 241 + 262 & 748 &:= 3^4 + 5^0 + 18^1 + 23^1 + 25^2 = 34 + 50 + 181 + 231 + 252 \\ 748 &:= 3^3 + 6^1 + 16^1 + 23^1 + 26^2 = 33 + 61 + 161 + 231 + 262 & 748 &:= 3^4 + 5^0 + 19^1 + 22^1 + 25^2 = 34 + 50 + 191 + 221 + 252 \\ 748 &:= 3^3 + 6^1 + 17^1 + 22^1 + 26^2 = 33 + 61 + 171 + 221 + 262 & 748 &:= 3^4 + 5^0 + 20^1 + 21^1 + 25^2 = 34 + 50 + 201 + 211 + 252 \\ 748 &:= 3^3 + 6^1 + 18^1 + 21^1 + 26^2 = 33 + 61 + 181 + 211 + 262 & 748 &:= 3^5 + 10^0 + 19^1 + 20^0 + 22^2 = 35 + 100 + 191 + 200 + 222 \\ 748 &:= 3^3 + 6^1 + 19^1 + 20^1 + 26^2 = 33 + 61 + 191 + 201 + 262 & 748 &:= 3^5 + 11^0 + 19^0 + 19^1 + 22^2 = 35 + 110 + 190 + 191 + 222 \\ 748 &:= 3^3 + 7^1 + 11^1 + 26^2 + 27^1 = 33 + 71 + 111 + 262 + 271 & 748 &:= 3^5 + 12^0 + 18^0 + 19^1 + 22^2 = 35 + 120 + 180 + 191 + 222 \\ 748 &:= 3^3 + 7^1 + 12^1 + 26^1 + 26^2 = 33 + 71 + 121 + 261 + 262 & 748 &:= 3^5 + 13^0 + 17^0 + 19^1 + 22^2 = 35 + 130 + 170 + 191 + 222 \\ 748 &:= 3^3 + 7^1 + 13^1 + 25^1 + 26^2 = 33 + 71 + 131 + 251 + 262 & 748 &:= 3^5 + 14^0 + 16^0 + 19^1 + 22^2 = 35 + 140 + 160 + 191 + 222 \\ 748 &:= 3^3 + 7^1 + 14^1 + 24^1 + 26^2 = 33 + 71 + 141 + 241 + 262 & 748 &:= 3^5 + 15^0 + 15^0 + 19^1 + 22^2 = 35 + 150 + 150 + 191 + 222 \end{aligned}$$

$$\begin{aligned}
 748 &:= 3^5 + 4^0 + 19^1 + 22^2 + 26^0 = 35 + 40 + 191 + 222 + 260 & 748 &:= 4^2 + 10^1 + 13^2 + 23^2 + 24^1 = 42 + 101 + 132 + 232 + 241 \\
 748 &:= 3^5 + 5^0 + 19^1 + 22^2 + 25^0 = 35 + 50 + 191 + 222 + 250 & 748 &:= 4^2 + 11^1 + 11^2 + 24^1 + 24^2 = 42 + 111 + 112 + 241 + 242 \\
 748 &:= 3^5 + 6^0 + 19^1 + 22^2 + 24^0 = 35 + 60 + 191 + 222 + 240 & 748 &:= 4^2 + 11^1 + 13^2 + 23^1 + 23^2 = 42 + 111 + 132 + 231 + 232 \\
 748 &:= 3^5 + 7^0 + 19^1 + 22^2 + 23^0 = 35 + 70 + 191 + 222 + 230 & 748 &:= 4^2 + 11^2 + 12^1 + 23^1 + 24^2 = 42 + 112 + 121 + 231 + 242 \\
 748 &:= 3^5 + 8^0 + 19^1 + 22^0 + 22^2 = 35 + 80 + 191 + 220 + 222 & 748 &:= 4^2 + 11^2 + 13^1 + 22^1 + 24^2 = 42 + 112 + 131 + 221 + 242 \\
 748 &:= 3^5 + 9^0 + 19^1 + 21^0 + 22^2 = 35 + 90 + 191 + 210 + 222 & 748 &:= 4^2 + 11^2 + 13^2 + 21^2 + 25^0 = 42 + 112 + 132 + 212 + 250 \\
 748 &:= 3^6 + 4^1 + 13^1 + 27^0 + 27^0 = 36 + 41 + 131 + 270 + 270 & 748 &:= 4^2 + 11^2 + 14^1 + 21^1 + 24^2 = 42 + 112 + 141 + 211 + 242 \\
 748 &:= 3^6 + 4^2 + 13^0 + 27^0 + 27^0 = 36 + 42 + 130 + 270 + 270 & 748 &:= 4^2 + 11^2 + 15^1 + 20^1 + 24^2 = 42 + 112 + 151 + 201 + 242 \\
 748 &:= 3^6 + 4^2 + 14^0 + 26^0 + 27^0 = 36 + 42 + 140 + 260 + 270 & 748 &:= 4^2 + 11^2 + 16^1 + 19^1 + 24^2 = 42 + 112 + 161 + 191 + 242 \\
 748 &:= 3^6 + 4^2 + 15^0 + 25^0 + 27^0 = 36 + 42 + 150 + 250 + 270 & 748 &:= 4^2 + 11^2 + 17^1 + 18^1 + 24^2 = 42 + 112 + 171 + 181 + 242 \\
 748 &:= 3^6 + 4^2 + 15^0 + 26^0 + 26^0 = 36 + 42 + 150 + 260 + 260 & 748 &:= 4^2 + 12^1 + 13^2 + 22^1 + 23^2 = 42 + 121 + 132 + 221 + 232 \\
 748 &:= 3^6 + 4^2 + 16^0 + 24^0 + 27^0 = 36 + 42 + 160 + 240 + 270 & 748 &:= 4^2 + 13^1 + 13^2 + 21^1 + 23^2 = 42 + 131 + 132 + 211 + 232 \\
 748 &:= 3^6 + 4^2 + 16^0 + 25^0 + 26^0 = 36 + 42 + 160 + 250 + 260 & 748 &:= 4^2 + 13^2 + 14^1 + 20^1 + 23^2 = 42 + 132 + 141 + 201 + 232 \\
 748 &:= 3^6 + 4^2 + 17^0 + 23^0 + 27^0 = 36 + 42 + 170 + 230 + 270 & 748 &:= 4^2 + 13^2 + 15^1 + 19^1 + 23^2 = 42 + 132 + 151 + 191 + 232 \\
 748 &:= 3^6 + 4^2 + 17^0 + 24^0 + 26^0 = 36 + 42 + 170 + 240 + 260 & 748 &:= 4^2 + 13^2 + 16^1 + 18^1 + 23^2 = 42 + 132 + 161 + 181 + 232 \\
 748 &:= 3^6 + 4^2 + 17^0 + 25^0 + 25^0 = 36 + 42 + 170 + 250 + 250 & 748 &:= 4^2 + 13^2 + 17^1 + 17^1 + 23^2 = 42 + 132 + 171 + 171 + 232 \\
 748 &:= 3^6 + 4^2 + 18^0 + 22^0 + 27^0 = 36 + 42 + 180 + 220 + 270 & 748 &:= 4^2 + 4^2 + 13^1 + 26^2 + 27^1 = 42 + 42 + 131 + 262 + 271 \\
 748 &:= 3^6 + 4^2 + 18^0 + 23^0 + 26^0 = 36 + 42 + 180 + 230 + 260 & 748 &:= 4^2 + 4^2 + 14^1 + 26^1 + 26^2 = 42 + 42 + 141 + 261 + 262 \\
 748 &:= 3^6 + 4^2 + 18^0 + 24^0 + 25^0 = 36 + 42 + 180 + 240 + 250 & 748 &:= 4^2 + 4^2 + 15^1 + 25^1 + 26^2 = 42 + 42 + 151 + 251 + 262 \\
 748 &:= 3^6 + 4^2 + 19^0 + 21^0 + 27^0 = 36 + 42 + 190 + 210 + 270 & 748 &:= 4^2 + 4^2 + 16^1 + 24^1 + 26^2 = 42 + 42 + 161 + 241 + 262 \\
 748 &:= 3^6 + 4^2 + 19^0 + 22^0 + 26^0 = 36 + 42 + 190 + 220 + 260 & 748 &:= 4^2 + 4^2 + 17^1 + 23^1 + 26^2 = 42 + 42 + 171 + 231 + 262 \\
 748 &:= 3^6 + 4^2 + 19^0 + 23^0 + 25^0 = 36 + 42 + 190 + 230 + 250 & 748 &:= 4^2 + 4^2 + 18^1 + 22^1 + 26^2 = 42 + 42 + 181 + 221 + 262 \\
 748 &:= 3^6 + 4^2 + 19^0 + 24^0 + 24^0 = 36 + 42 + 190 + 240 + 240 & 748 &:= 4^2 + 4^2 + 19^1 + 21^1 + 26^2 = 42 + 42 + 191 + 211 + 262 \\
 748 &:= 3^6 + 4^2 + 20^0 + 20^0 + 27^0 = 36 + 42 + 200 + 200 + 270 & 748 &:= 4^2 + 4^2 + 20^1 + 20^1 + 26^2 = 42 + 42 + 201 + 201 + 262 \\
 748 &:= 3^6 + 4^2 + 20^0 + 21^0 + 26^0 = 36 + 42 + 200 + 210 + 260 & 748 &:= 4^2 + 7^1 + 13^2 + 23^2 + 27^1 = 42 + 71 + 132 + 232 + 271 \\
 748 &:= 3^6 + 4^2 + 20^0 + 22^0 + 25^0 = 36 + 42 + 200 + 220 + 250 & 748 &:= 4^2 + 7^3 + 17^0 + 19^2 + 27^1 = 42 + 73 + 170 + 192 + 271 \\
 748 &:= 3^6 + 4^2 + 20^0 + 23^0 + 24^0 = 36 + 42 + 200 + 230 + 240 & 748 &:= 4^2 + 8^1 + 11^2 + 24^2 + 27^1 = 42 + 81 + 112 + 242 + 271 \\
 748 &:= 3^6 + 4^2 + 21^0 + 21^0 + 25^0 = 36 + 42 + 210 + 210 + 250 & 748 &:= 4^2 + 8^1 + 13^2 + 23^2 + 26^1 = 42 + 81 + 132 + 232 + 261 \\
 748 &:= 3^6 + 4^2 + 21^0 + 22^0 + 24^0 = 36 + 42 + 210 + 220 + 240 & 748 &:= 4^2 + 8^3 + 14^2 + 23^1 + 25^0 = 42 + 83 + 142 + 231 + 250 \\
 748 &:= 3^6 + 4^2 + 21^0 + 23^0 + 23^0 = 36 + 42 + 210 + 230 + 230 & 748 &:= 4^2 + 9^1 + 11^2 + 24^2 + 26^1 = 42 + 91 + 112 + 242 + 261 \\
 748 &:= 3^6 + 4^2 + 22^0 + 22^0 + 23^0 = 36 + 42 + 220 + 220 + 230 & 748 &:= 4^2 + 9^1 + 13^2 + 23^2 + 25^1 = 42 + 91 + 132 + 232 + 251 \\
 748 &:= 3^6 + 5^1 + 12^1 + 27^0 + 27^0 = 36 + 51 + 121 + 270 + 270 & 748 &:= 4^2 + 9^2 + 11^2 + 23^2 + 27^0 = 42 + 92 + 112 + 232 + 270 \\
 748 &:= 3^6 + 6^1 + 11^1 + 27^0 + 27^0 = 36 + 61 + 111 + 270 + 270 & 748 &:= 4^2 + 9^2 + 17^2 + 19^2 + 25^0 = 42 + 92 + 172 + 192 + 250 \\
 748 &:= 3^6 + 7^1 + 10^1 + 27^0 + 27^0 = 36 + 71 + 101 + 270 + 270 & 748 &:= 4^3 + 10^1 + 12^2 + 23^2 + 25^0 = 43 + 101 + 122 + 232 + 250 \\
 748 &:= 3^6 + 8^1 + 9^1 + 27^0 + 27^0 = 36 + 81 + 91 + 270 + 270 & 748 &:= 4^3 + 15^2 + 17^0 + 17^1 + 21^2 = 43 + 152 + 170 + 171 + 212 \\
 748 &:= 4^1 + 8^2 + 13^2 + 22^2 + 27^1 = 41 + 82 + 132 + 222 + 271 & 748 &:= 4^3 + 6^2 + 17^0 + 22^1 + 25^2 = 43 + 62 + 170 + 221 + 252 \\
 748 &:= 4^1 + 9^2 + 14^2 + 21^2 + 26^1 = 41 + 92 + 142 + 212 + 261 & 748 &:= 4^3 + 7^0 + 16^2 + 20^2 + 27^1 = 43 + 70 + 162 + 202 + 271 \\
 748 &:= 4^2 + 10^1 + 11^2 + 24^2 + 25^1 = 42 + 101 + 112 + 242 + 251 & 748 &:= 4^3 + 9^2 + 11^0 + 24^2 + 26^1 = 43 + 92 + 110 + 242 + 261
 \end{aligned}$$

$$\begin{aligned} 748 &:= 4^4 + 7^2 + 15^0 + 21^2 + 27^0 = 44 + 72 + 150 + 212 + 270 & 748 &:= 6^2 + 7^1 + 14^2 + 22^2 + 25^1 = 62 + 71 + 142 + 222 + 251 \\ 748 &:= 4^4 + 7^2 + 16^0 + 21^2 + 26^0 = 44 + 72 + 160 + 212 + 260 & 748 &:= 6^2 + 8^1 + 14^2 + 22^2 + 24^1 = 62 + 81 + 142 + 222 + 241 \\ 748 &:= 4^4 + 7^2 + 17^0 + 21^2 + 25^0 = 44 + 72 + 170 + 212 + 250 & 748 &:= 6^2 + 9^1 + 14^2 + 22^2 + 23^1 = 62 + 91 + 142 + 222 + 231 \\ 748 &:= 4^4 + 7^2 + 18^0 + 21^2 + 24^0 = 44 + 72 + 180 + 212 + 240 & 748 &:= 6^3 + 10^1 + 11^2 + 20^2 + 27^0 = 63 + 101 + 112 + 202 + 270 \\ 748 &:= 4^4 + 7^2 + 19^0 + 21^2 + 23^0 = 44 + 72 + 190 + 212 + 230 & 748 &:= 6^3 + 11^0 + 12^2 + 19^2 + 26^1 = 63 + 110 + 122 + 192 + 261 \\ 748 &:= 4^4 + 7^2 + 20^0 + 21^2 + 22^0 = 44 + 72 + 200 + 212 + 220 & 748 &:= 6^3 + 11^1 + 14^2 + 18^2 + 25^0 = 63 + 111 + 142 + 182 + 250 \\ 748 &:= 4^4 + 7^2 + 21^0 + 21^0 + 21^2 = 44 + 72 + 210 + 210 + 212 & 748 &:= 6^3 + 15^2 + 17^1 + 17^2 + 19^0 = 63 + 152 + 171 + 172 + 190 \\ 748 &:= 5^1 + 6^2 + 14^2 + 22^2 + 27^1 = 51 + 62 + 142 + 222 + 271 & 748 &:= 6^3 + 16^2 + 16^2 + 17^0 + 19^1 = 63 + 162 + 162 + 170 + 191 \\ 748 &:= 5^1 + 8^2 + 13^2 + 22^2 + 26^1 = 51 + 82 + 132 + 222 + 261 & 748 &:= 6^3 + 8^2 + 13^0 + 21^2 + 26^1 = 63 + 82 + 130 + 212 + 261 \\ 748 &:= 5^1 + 9^2 + 14^2 + 21^2 + 25^1 = 51 + 92 + 142 + 212 + 251 & 748 &:= 7^1 + 8^2 + 13^2 + 22^2 + 24^1 = 71 + 82 + 132 + 222 + 241 \\ 748 &:= 5^2 + 12^2 + 17^2 + 17^2 + 23^0 = 52 + 122 + 172 + 172 + 230 & 748 &:= 7^1 + 9^2 + 14^2 + 21^2 + 23^1 = 71 + 92 + 142 + 212 + 231 \\ 748 &:= 5^2 + 5^2 + 16^2 + 21^2 + 27^0 = 52 + 52 + 162 + 212 + 270 & 748 &:= 7^2 + 9^2 + 16^2 + 19^2 + 23^0 = 72 + 92 + 162 + 192 + 230 \\ 748 &:= 5^2 + 5^3 + 19^0 + 21^1 + 24^2 = 52 + 53 + 190 + 211 + 242 & 748 &:= 7^3 + 10^2 + 15^1 + 17^2 + 25^0 = 73 + 102 + 151 + 172 + 250 \\ 748 &:= 5^2 + 6^3 + 19^0 + 22^1 + 22^2 = 52 + 63 + 190 + 221 + 222 & 748 &:= 7^3 + 11^2 + 13^0 + 16^2 + 27^1 = 73 + 112 + 130 + 162 + 271 \\ 748 &:= 5^2 + 7^2 + 12^2 + 23^2 + 27^0 = 52 + 72 + 122 + 232 + 270 & 748 &:= 7^3 + 12^1 + 14^2 + 14^2 + 27^0 = 73 + 121 + 142 + 142 + 270 \\ 748 &:= 5^2 + 7^3 + 18^1 + 19^2 + 25^0 = 52 + 73 + 181 + 192 + 250 & 748 &:= 7^3 + 8^2 + 16^1 + 18^2 + 25^0 = 73 + 82 + 161 + 182 + 250 \\ 748 &:= 5^3 + 11^2 + 17^1 + 19^0 + 22^2 = 53 + 112 + 171 + 190 + 222 & 748 &:= 8^1 + 8^2 + 13^2 + 22^2 + 23^1 = 81 + 82 + 132 + 222 + 231 \\ 748 &:= 5^3 + 12^1 + 13^2 + 21^2 + 23^0 = 53 + 121 + 132 + 212 + 230 & 748 &:= 8^1 + 9^2 + 14^2 + 21^2 + 22^1 = 81 + 92 + 142 + 212 + 221 \\ 748 &:= 5^3 + 9^0 + 14^2 + 20^2 + 26^1 = 53 + 90 + 142 + 202 + 261 & 748 &:= 8^2 + 10^1 + 13^2 + 21^1 + 22^2 = 82 + 101 + 132 + 211 + 222 \\ 748 &:= 5^3 + 9^1 + 17^2 + 18^2 + 25^0 = 53 + 91 + 172 + 182 + 250 & 748 &:= 8^2 + 11^1 + 13^2 + 20^1 + 22^2 = 82 + 111 + 132 + 201 + 222 \\ 748 &:= 5^3 + 9^2 + 12^1 + 23^2 + 25^0 = 53 + 92 + 121 + 232 + 250 & 748 &:= 8^2 + 11^2 + 11^2 + 21^2 + 23^0 = 82 + 112 + 112 + 212 + 230 \\ 748 &:= 5^4 + 9^2 + 14^1 + 19^0 + 27^1 = 54 + 92 + 141 + 190 + 271 & 748 &:= 8^2 + 12^1 + 13^2 + 19^1 + 22^2 = 82 + 121 + 132 + 191 + 222 \\ 748 &:= 5^4 + 9^2 + 15^1 + 19^0 + 26^1 = 54 + 92 + 151 + 190 + 261 & 748 &:= 8^2 + 13^1 + 13^2 + 18^1 + 22^2 = 82 + 131 + 132 + 181 + 222 \\ 748 &:= 5^4 + 9^2 + 16^1 + 19^0 + 25^1 = 54 + 92 + 161 + 190 + 251 & 748 &:= 8^2 + 13^2 + 14^1 + 17^1 + 22^2 = 82 + 132 + 141 + 171 + 222 \\ 748 &:= 5^4 + 9^2 + 17^1 + 19^0 + 24^1 = 54 + 92 + 171 + 190 + 241 & 748 &:= 8^2 + 13^2 + 15^1 + 16^1 + 22^2 = 82 + 132 + 151 + 161 + 222 \\ 748 &:= 5^4 + 9^2 + 18^1 + 19^0 + 23^1 = 54 + 92 + 181 + 190 + 231 & 748 &:= 8^2 + 13^2 + 15^2 + 17^2 + 21^0 = 82 + 132 + 152 + 172 + 210 \\ 748 &:= 5^4 + 9^2 + 19^0 + 19^1 + 22^1 = 54 + 92 + 190 + 191 + 221 & 748 &:= 8^2 + 8^3 + 12^2 + 19^0 + 27^1 = 82 + 83 + 122 + 190 + 271 \\ 748 &:= 5^4 + 9^2 + 19^0 + 20^1 + 21^1 = 54 + 92 + 190 + 201 + 211 & 748 &:= 8^2 + 9^1 + 13^2 + 22^1 + 22^2 = 82 + 91 + 132 + 221 + 222 \\ 748 &:= 6^1 + 6^2 + 14^2 + 22^2 + 26^1 = 61 + 62 + 142 + 222 + 261 & 748 &:= 9^1 + 9^2 + 14^2 + 21^1 + 21^2 = 91 + 92 + 142 + 211 + 212 \\ 748 &:= 6^1 + 8^2 + 13^2 + 22^2 + 25^1 = 61 + 82 + 132 + 222 + 251 & 748 &:= 9^2 + 10^1 + 14^2 + 20^1 + 21^2 = 92 + 101 + 142 + 201 + 212 \\ 748 &:= 6^1 + 9^2 + 14^2 + 21^2 + 24^1 = 61 + 92 + 142 + 212 + 241 & 748 &:= 9^2 + 11^1 + 14^2 + 19^1 + 21^2 = 92 + 111 + 142 + 191 + 212 \\ 748 &:= 6^2 + 10^1 + 14^2 + 22^1 + 22^2 = 62 + 101 + 142 + 221 + 222 & 748 &:= 9^2 + 11^2 + 16^2 + 17^2 + 21^0 = 92 + 112 + 162 + 172 + 210 \\ 748 &:= 6^2 + 11^1 + 14^2 + 21^1 + 22^2 = 62 + 111 + 142 + 211 + 222 & 748 &:= 9^2 + 12^1 + 14^2 + 18^1 + 21^2 = 92 + 121 + 142 + 181 + 212 \\ 748 &:= 6^2 + 12^1 + 14^2 + 20^1 + 22^2 = 62 + 121 + 142 + 201 + 222 & 748 &:= 9^2 + 13^1 + 14^2 + 17^1 + 21^2 = 92 + 131 + 142 + 171 + 212 \\ 748 &:= 6^2 + 13^1 + 14^2 + 19^1 + 22^2 = 62 + 131 + 142 + 191 + 222 & 748 &:= 9^2 + 14^1 + 14^2 + 16^1 + 21^2 = 92 + 141 + 142 + 161 + 212 \\ 748 &:= 6^2 + 14^1 + 14^2 + 18^1 + 22^2 = 62 + 141 + 142 + 181 + 222 & 748 &:= 9^2 + 14^2 + 15^1 + 15^1 + 21^2 = 92 + 142 + 151 + 151 + 212 \\ 748 &:= 6^2 + 14^2 + 15^1 + 17^1 + 22^2 = 62 + 142 + 151 + 171 + 222 & 748 &:= 9^2 + 9^2 + 12^2 + 21^2 + 23^0 = 92 + 92 + 122 + 212 + 230 \\ 748 &:= 6^2 + 14^2 + 16^1 + 16^1 + 22^2 = 62 + 142 + 161 + 161 + 222 \end{aligned}$$

2.2.650 Number 749

$$\begin{aligned}749 &:= 1^2 + 3^6 + 18^1 + 52^0 &= 12 + 36 + 181 + 520 \\749 &:= 1^5 + 9^3 + 18^1 + 46^0 &= 15 + 93 + 181 + 460 \\749 &:= 1^6 + 18^1 + 27^2 + 28^0 &= 16 + 181 + 272 + 280 \\749 &:= 2^2 + 3^6 + 15^1 + 54^0 &= 22 + 36 + 151 + 540 \\749 &:= 2^3 + 4^4 + 22^2 + 46^0 &= 23 + 44 + 222 + 460 \\749 &:= 2^6 + 8^1 + 26^2 + 38^0 &= 26 + 81 + 262 + 380 \\749 &:= 3^1 + 3^6 + 4^2 + 64^0 &= 31 + 36 + 42 + 640 \\749 &:= 3^2 + 3^6 + 10^1 + 58^0 &= 32 + 36 + 101 + 580 \\749 &:= 3^4 + 5^4 + 24^0 + 42^1 &= 34 + 54 + 240 + 421 \\749 &:= 3^4 + 7^3 + 18^2 + 46^0 &= 34 + 73 + 182 + 460 \\749 &:= 3^5 + 12^2 + 19^2 + 40^0 &= 35 + 122 + 192 + 400 \\749 &:= 3^5 + 8^2 + 21^2 + 42^0 &= 35 + 82 + 212 + 420 \\749 &:= 1^2 + 3^6 + 17^1 + 26^0 + 27^0 &= 12 + 36 + 171 + 260 + 270 \\749 &:= 1^3 + 13^2 + 17^2 + 17^2 + 26^0 &= 13 + 132 + 172 + 172 + 260 \\749 &:= 1^4 + 10^0 + 12^2 + 24^2 + 27^1 &= 14 + 100 + 122 + 242 + 271 \\749 &:= 1^4 + 10^0 + 19^2 + 19^2 + 25^1 &= 14 + 100 + 192 + 192 + 251 \\749 &:= 1^4 + 10^2 + 16^0 + 22^1 + 25^2 &= 14 + 102 + 160 + 221 + 252 \\749 &:= 1^4 + 12^0 + 18^2 + 20^2 + 23^1 &= 14 + 120 + 182 + 202 + 231 \\749 &:= 1^4 + 14^0 + 14^2 + 22^1 + 23^2 &= 14 + 140 + 142 + 221 + 232 \\749 &:= 1^4 + 17^1 + 17^2 + 18^0 + 21^2 &= 14 + 171 + 172 + 180 + 212 \\749 &:= 1^4 + 7^2 + 18^0 + 22^1 + 26^2 &= 14 + 72 + 180 + 221 + 262 \\749 &:= 1^5 + 10^0 + 11^2 + 25^2 + 27^0 &= 15 + 100 + 112 + 252 + 270 \\749 &:= 1^5 + 11^0 + 11^2 + 25^2 + 26^0 &= 15 + 110 + 112 + 252 + 260 \\749 &:= 1^5 + 11^2 + 12^0 + 25^0 + 25^2 &= 15 + 112 + 120 + 250 + 252 \\749 &:= 1^5 + 11^2 + 13^0 + 24^0 + 25^2 &= 15 + 112 + 130 + 240 + 252 \\749 &:= 1^5 + 11^2 + 14^0 + 23^0 + 25^2 &= 15 + 112 + 140 + 230 + 252 \\749 &:= 1^5 + 11^2 + 15^0 + 22^0 + 25^2 &= 15 + 112 + 150 + 220 + 252 \\749 &:= 1^5 + 11^2 + 16^0 + 21^0 + 25^2 &= 15 + 112 + 160 + 210 + 252 \\749 &:= 1^5 + 11^2 + 17^0 + 20^0 + 25^2 &= 15 + 112 + 170 + 200 + 252 \\749 &:= 1^5 + 11^2 + 18^0 + 19^0 + 25^2 &= 15 + 112 + 180 + 190 + 252 \\749 &:= 1^5 + 9^3 + 17^1 + 20^0 + 27^0 &= 15 + 93 + 171 + 200 + 270 \\749 &:= 1^5 + 9^3 + 17^1 + 21^0 + 26^0 &= 15 + 93 + 171 + 210 + 260 \\749 &:= 1^5 + 9^3 + 17^1 + 22^0 + 25^0 &= 15 + 93 + 171 + 220 + 250 \\749 &:= 1^5 + 9^3 + 17^1 + 23^0 + 24^0 &= 15 + 93 + 171 + 230 + 240 \\749 &:= 1^6 + 10^0 + 17^1 + 19^0 + 27^2 &= 16 + 100 + 171 + 190 + 272 \\749 &:= 1^6 + 11^0 + 17^1 + 18^0 + 27^2 &= 16 + 110 + 171 + 180 + 272\end{aligned}$$

$$\begin{aligned}749 &:= 1^6 + 12^0 + 17^0 + 17^1 + 27^2 &= 16 + 120 + 170 + 171 + 272 \\749 &:= 1^6 + 13^0 + 16^0 + 17^1 + 27^2 &= 16 + 130 + 160 + 171 + 272 \\749 &:= 1^6 + 14^0 + 15^0 + 17^1 + 27^2 &= 16 + 140 + 150 + 171 + 272 \\749 &:= 1^6 + 2^0 + 17^1 + 27^0 + 27^2 &= 16 + 20 + 171 + 270 + 272 \\749 &:= 1^6 + 3^0 + 17^1 + 26^0 + 27^2 &= 16 + 30 + 171 + 260 + 272 \\749 &:= 1^6 + 4^0 + 17^1 + 25^0 + 27^2 &= 16 + 40 + 171 + 250 + 272 \\749 &:= 1^6 + 5^0 + 17^1 + 24^0 + 27^2 &= 16 + 50 + 171 + 240 + 272 \\749 &:= 1^6 + 6^0 + 17^1 + 23^0 + 27^2 &= 16 + 60 + 171 + 230 + 272 \\749 &:= 1^6 + 7^0 + 17^1 + 22^0 + 27^2 &= 16 + 70 + 171 + 220 + 272 \\749 &:= 1^6 + 8^0 + 17^1 + 21^0 + 27^2 &= 16 + 80 + 171 + 210 + 272 \\749 &:= 1^6 + 9^0 + 17^1 + 20^0 + 27^2 &= 16 + 90 + 171 + 200 + 272 \\749 &:= 1^7 + 1^9 + 17^1 + 27^0 + 27^2 &= 17 + 19 + 171 + 270 + 272 \\749 &:= 1^8 + 1^8 + 17^1 + 27^0 + 27^2 &= 18 + 18 + 171 + 270 + 272 \\749 &:= 2^3 + 12^2 + 14^2 + 20^2 + 26^0 &= 23 + 122 + 142 + 202 + 260 \\749 &:= 2^4 + 10^1 + 19^2 + 19^2 + 24^0 &= 24 + 101 + 192 + 192 + 240 \\749 &:= 2^4 + 12^0 + 15^2 + 22^2 + 23^1 &= 24 + 120 + 152 + 222 + 231 \\749 &:= 2^4 + 12^1 + 12^2 + 24^0 + 24^2 &= 24 + 121 + 122 + 240 + 242 \\749 &:= 2^4 + 6^2 + 20^0 + 20^1 + 26^2 &= 24 + 62 + 200 + 201 + 262 \\749 &:= 2^4 + 8^1 + 18^2 + 20^2 + 26^0 &= 24 + 81 + 182 + 202 + 260 \\749 &:= 2^4 + 9^2 + 12^0 + 25^2 + 26^1 &= 24 + 92 + 120 + 252 + 261 \\749 &:= 2^5 + 6^0 + 13^1 + 26^2 + 27^1 &= 25 + 60 + 131 + 262 + 271 \\749 &:= 2^5 + 6^0 + 14^1 + 26^1 + 26^2 &= 25 + 60 + 141 + 261 + 262 \\749 &:= 2^5 + 6^0 + 15^1 + 25^1 + 26^2 &= 25 + 60 + 151 + 251 + 262 \\749 &:= 2^5 + 6^0 + 16^1 + 24^1 + 26^2 &= 25 + 60 + 161 + 241 + 262 \\749 &:= 2^5 + 6^0 + 17^1 + 23^1 + 26^2 &= 25 + 60 + 171 + 231 + 262 \\749 &:= 2^5 + 6^0 + 18^1 + 22^1 + 26^2 &= 25 + 60 + 181 + 221 + 262 \\749 &:= 2^5 + 6^0 + 19^1 + 21^1 + 26^2 &= 25 + 60 + 191 + 211 + 262 \\749 &:= 2^5 + 6^0 + 20^1 + 20^1 + 26^2 &= 25 + 60 + 201 + 201 + 262 \\749 &:= 2^6 + 7^1 + 12^0 + 26^2 + 27^0 &= 26 + 71 + 120 + 262 + 270 \\749 &:= 2^6 + 7^1 + 13^0 + 26^0 + 26^2 &= 26 + 71 + 130 + 260 + 262 \\749 &:= 2^6 + 7^1 + 14^0 + 25^0 + 26^2 &= 26 + 71 + 140 + 250 + 262 \\749 &:= 2^6 + 7^1 + 15^0 + 24^0 + 26^2 &= 26 + 71 + 150 + 240 + 262 \\749 &:= 2^6 + 7^1 + 16^0 + 23^0 + 26^2 &= 26 + 71 + 160 + 230 + 262 \\749 &:= 2^6 + 7^1 + 17^0 + 22^0 + 26^2 &= 26 + 71 + 170 + 220 + 262 \\749 &:= 2^6 + 7^1 + 18^0 + 21^0 + 26^2 &= 26 + 71 + 180 + 210 + 262 \\749 &:= 2^6 + 7^1 + 19^0 + 20^0 + 26^2 &= 26 + 71 + 190 + 200 + 262\end{aligned}$$

$$\begin{aligned}
 749 &:= 3^3 + 3^3 + 18^1 + 24^0 + 26^2 = 33 + 33 + 181 + 240 + 262 \\
 749 &:= 3^3 + 5^3 + 20^1 + 22^0 + 24^2 = 33 + 53 + 201 + 220 + 242 \\
 749 &:= 3^3 + 6^3 + 21^1 + 22^0 + 22^2 = 33 + 63 + 211 + 220 + 222 \\
 749 &:= 3^4 + 11^1 + 16^2 + 20^2 + 24^0 = 34 + 111 + 162 + 202 + 240 \\
 749 &:= 3^4 + 11^2 + 17^1 + 20^0 + 23^2 = 34 + 112 + 171 + 200 + 232 \\
 749 &:= 3^4 + 13^2 + 14^1 + 22^0 + 22^2 = 34 + 132 + 141 + 220 + 222 \\
 749 &:= 3^4 + 16^0 + 18^2 + 18^2 + 19^1 = 34 + 160 + 182 + 182 + 191 \\
 749 &:= 3^4 + 17^1 + 17^2 + 18^0 + 19^2 = 34 + 171 + 172 + 180 + 192 \\
 749 &:= 3^4 + 4^2 + 16^0 + 25^2 + 26^1 = 34 + 42 + 160 + 252 + 261
 \end{aligned}$$

$$\begin{aligned}
 749 &:= 3^4 + 5^2 + 17^1 + 24^0 + 25^2 = 34 + 52 + 171 + 240 + 252 \\
 749 &:= 3^4 + 8^2 + 12^0 + 24^2 + 27^1 = 34 + 82 + 120 + 242 + 271 \\
 749 &:= 4^3 + 6^3 + 16^0 + 21^2 + 27^1 = 43 + 63 + 160 + 212 + 271 \\
 749 &:= 4^4 + 12^2 + 16^0 + 18^2 + 24^1 = 44 + 122 + 160 + 182 + 241 \\
 749 &:= 4^4 + 5^2 + 18^0 + 21^2 + 26^1 = 44 + 52 + 180 + 212 + 261 \\
 749 &:= 5^3 + 7^3 + 16^2 + 22^0 + 24^1 = 53 + 73 + 162 + 220 + 241 \\
 749 &:= 6^3 + 6^3 + 17^2 + 18^0 + 27^1 = 63 + 63 + 172 + 180 + 271
 \end{aligned}$$

2.2.651 Number 750

$$\begin{aligned}
 750 &:= 1^3 + 3^6 + 19^1 + 51^0 = 13 + 36 + 191 + 510 \\
 750 &:= 1^3 + 5^4 + 8^2 + 60^1 = 13 + 54 + 82 + 601 \\
 750 &:= 1^6 + 9^3 + 19^1 + 45^0 = 16 + 93 + 191 + 450 \\
 750 &:= 1^7 + 19^1 + 27^0 + 27^2 = 17 + 191 + 270 + 272 \\
 750 &:= 2^2 + 3^6 + 4^2 + 65^0 = 22 + 36 + 42 + 650 \\
 750 &:= 2^3 + 3^6 + 12^1 + 57^0 = 23 + 36 + 121 + 570 \\
 750 &:= 2^6 + 18^2 + 19^2 + 35^0 = 26 + 182 + 192 + 350 \\
 750 &:= 2^6 + 3^2 + 26^2 + 43^0 = 26 + 32 + 262 + 430 \\
 750 &:= 2^7 + 3^0 + 24^2 + 45^1 = 27 + 30 + 242 + 451 \\
 750 &:= 3^5 + 8^2 + 20^2 + 43^1 = 35 + 82 + 202 + 431 \\
 750 &:= 1^0 + 1^7 + 18^1 + 27^0 + 27^2 = 10 + 17 + 181 + 270 + 272 \\
 750 &:= 1^1 + 1^6 + 18^1 + 27^0 + 27^2 = 11 + 16 + 181 + 270 + 272 \\
 750 &:= 1^2 + 1^5 + 18^1 + 27^0 + 27^2 = 12 + 15 + 181 + 270 + 272 \\
 750 &:= 1^2 + 3^5 + 21^1 + 22^2 + 27^0 = 12 + 35 + 211 + 222 + 270 \\
 750 &:= 1^3 + 1^4 + 18^1 + 27^0 + 27^2 = 13 + 14 + 181 + 270 + 272 \\
 750 &:= 1^3 + 12^2 + 17^2 + 17^2 + 27^1 = 13 + 122 + 172 + 172 + 271 \\
 750 &:= 1^3 + 3^6 + 18^1 + 25^0 + 27^0 = 13 + 36 + 181 + 250 + 270 \\
 750 &:= 1^3 + 3^6 + 18^1 + 26^0 + 26^0 = 13 + 36 + 181 + 260 + 260 \\
 750 &:= 1^4 + 10^2 + 18^2 + 18^2 + 27^0 = 14 + 102 + 182 + 182 + 270 \\
 750 &:= 1^5 + 10^2 + 15^0 + 23^1 + 25^2 = 15 + 102 + 150 + 231 + 252 \\
 750 &:= 1^5 + 11^0 + 18^2 + 20^2 + 24^1 = 15 + 110 + 182 + 202 + 241 \\
 750 &:= 1^5 + 13^0 + 14^2 + 23^1 + 23^2 = 15 + 130 + 142 + 231 + 232 \\
 750 &:= 1^5 + 17^0 + 17^2 + 18^1 + 21^2 = 15 + 170 + 172 + 181 + 212 \\
 750 &:= 1^5 + 7^2 + 17^0 + 23^1 + 26^2 = 15 + 72 + 170 + 231 + 262 \\
 750 &:= 1^5 + 8^1 + 16^2 + 22^2 + 27^0 = 15 + 81 + 162 + 222 + 270 \\
 750 &:= 1^5 + 9^0 + 19^2 + 19^2 + 26^1 = 15 + 90 + 192 + 192 + 261 \\
 750 &:= 1^6 + 2^1 + 17^1 + 27^0 + 27^2 = 16 + 21 + 171 + 270 + 272
 \end{aligned}$$

$$\begin{aligned}
 750 &:= 1^6 + 3^1 + 16^1 + 27^0 + 27^2 = 16 + 31 + 161 + 270 + 272 \\
 750 &:= 1^6 + 4^1 + 15^1 + 27^0 + 27^2 = 16 + 41 + 151 + 270 + 272 \\
 750 &:= 1^6 + 5^1 + 14^1 + 27^0 + 27^2 = 16 + 51 + 141 + 270 + 272 \\
 750 &:= 1^6 + 6^1 + 13^1 + 27^0 + 27^2 = 16 + 61 + 131 + 270 + 272 \\
 750 &:= 1^6 + 7^1 + 12^1 + 27^0 + 27^2 = 16 + 71 + 121 + 270 + 272 \\
 750 &:= 1^6 + 8^1 + 11^1 + 27^0 + 27^2 = 16 + 81 + 111 + 270 + 272 \\
 750 &:= 1^6 + 9^1 + 10^1 + 27^0 + 27^2 = 16 + 91 + 101 + 270 + 272 \\
 750 &:= 1^6 + 9^3 + 18^1 + 19^0 + 27^0 = 16 + 93 + 181 + 190 + 270 \\
 750 &:= 1^6 + 9^3 + 18^1 + 20^0 + 26^0 = 16 + 93 + 181 + 200 + 260 \\
 750 &:= 1^6 + 9^3 + 18^1 + 21^0 + 25^0 = 16 + 93 + 181 + 210 + 250 \\
 750 &:= 1^6 + 9^3 + 18^1 + 22^0 + 24^0 = 16 + 93 + 181 + 220 + 240 \\
 750 &:= 1^6 + 9^3 + 18^1 + 23^0 + 23^0 = 16 + 93 + 181 + 230 + 230 \\
 750 &:= 1^7 + 10^0 + 18^0 + 18^1 + 27^2 = 17 + 100 + 180 + 181 + 272 \\
 750 &:= 1^7 + 11^0 + 17^0 + 18^1 + 27^2 = 17 + 110 + 170 + 181 + 272 \\
 750 &:= 1^7 + 12^0 + 16^0 + 18^1 + 27^2 = 17 + 120 + 160 + 181 + 272 \\
 750 &:= 1^7 + 13^0 + 15^0 + 18^1 + 27^2 = 17 + 130 + 150 + 181 + 272 \\
 750 &:= 1^7 + 14^0 + 14^0 + 18^1 + 27^2 = 17 + 140 + 140 + 181 + 272 \\
 750 &:= 1^7 + 2^0 + 18^1 + 26^0 + 27^2 = 17 + 20 + 181 + 260 + 272 \\
 750 &:= 1^7 + 3^0 + 18^1 + 25^0 + 27^2 = 17 + 30 + 181 + 250 + 272 \\
 750 &:= 1^7 + 4^0 + 18^1 + 24^0 + 27^2 = 17 + 40 + 181 + 240 + 272 \\
 750 &:= 1^7 + 5^0 + 18^1 + 23^0 + 27^2 = 17 + 50 + 181 + 230 + 272 \\
 750 &:= 1^7 + 6^0 + 18^1 + 22^0 + 27^2 = 17 + 60 + 181 + 220 + 272 \\
 750 &:= 1^7 + 7^0 + 18^1 + 21^0 + 27^2 = 17 + 70 + 181 + 210 + 272 \\
 750 &:= 1^7 + 8^0 + 18^1 + 20^0 + 27^2 = 17 + 80 + 181 + 200 + 272 \\
 750 &:= 1^7 + 9^0 + 18^1 + 19^0 + 27^2 = 17 + 90 + 181 + 190 + 272 \\
 750 &:= 1^8 + 1^9 + 18^1 + 26^0 + 27^2 = 18 + 19 + 181 + 260 + 272 \\
 750 &:= 2^3 + 14^2 + 14^2 + 18^2 + 26^1 = 23 + 142 + 142 + 182 + 261
 \end{aligned}$$

$$\begin{aligned}
 750 &:= 2^4 + 10^1 + 11^2 + 24^2 + 27^1 = 24 + 101 + 112 + 242 + 271 & 750 &:= 2^5 + 5^2 + 16^1 + 25^0 + 26^2 = 25 + 52 + 161 + 250 + 262 \\
 750 &:= 2^4 + 10^1 + 13^2 + 23^2 + 26^1 = 24 + 101 + 132 + 232 + 261 & 750 &:= 2^5 + 8^1 + 15^2 + 22^2 + 27^0 = 25 + 81 + 152 + 222 + 270 \\
 750 &:= 2^4 + 11^1 + 11^2 + 24^2 + 26^1 = 24 + 111 + 112 + 242 + 261 & 750 &:= 2^5 + 9^2 + 11^1 + 25^2 + 27^0 = 25 + 92 + 111 + 252 + 270 \\
 750 &:= 2^4 + 11^1 + 13^2 + 23^2 + 25^1 = 24 + 111 + 132 + 232 + 251 & 750 &:= 3^3 + 10^2 + 14^2 + 20^2 + 27^1 = 33 + 102 + 142 + 202 + 271 \\
 750 &:= 2^4 + 11^2 + 12^1 + 24^2 + 25^1 = 24 + 112 + 121 + 242 + 251 & 750 &:= 3^3 + 3^4 + 16^1 + 25^2 + 27^0 = 33 + 34 + 161 + 252 + 270 \\
 750 &:= 2^4 + 11^2 + 13^1 + 24^1 + 24^2 = 24 + 112 + 131 + 241 + 242 & 750 &:= 3^3 + 4^4 + 21^0 + 21^2 + 25^1 = 33 + 44 + 210 + 212 + 251 \\
 750 &:= 2^4 + 11^2 + 14^1 + 23^1 + 24^2 = 24 + 112 + 141 + 231 + 242 & 750 &:= 3^4 + 5^4 + 16^1 + 23^0 + 27^1 = 34 + 54 + 161 + 230 + 271 \\
 750 &:= 2^4 + 11^2 + 15^1 + 22^1 + 24^2 = 24 + 112 + 151 + 221 + 242 & 750 &:= 3^4 + 5^4 + 17^1 + 23^0 + 26^1 = 34 + 54 + 171 + 230 + 261 \\
 750 &:= 2^4 + 11^2 + 16^1 + 21^1 + 24^2 = 24 + 112 + 161 + 211 + 242 & 750 &:= 3^4 + 5^4 + 18^1 + 23^0 + 25^1 = 34 + 54 + 181 + 230 + 251 \\
 750 &:= 2^4 + 11^2 + 17^1 + 20^1 + 24^2 = 24 + 112 + 171 + 201 + 242 & 750 &:= 3^4 + 5^4 + 19^1 + 23^0 + 24^1 = 34 + 54 + 191 + 230 + 241 \\
 750 &:= 2^4 + 11^2 + 18^1 + 19^1 + 24^2 = 24 + 112 + 181 + 191 + 242 & 750 &:= 3^4 + 5^4 + 20^1 + 23^0 + 23^1 = 34 + 54 + 201 + 230 + 231 \\
 750 &:= 2^4 + 12^1 + 13^2 + 23^2 + 24^1 = 24 + 121 + 132 + 232 + 241 & 750 &:= 3^4 + 5^4 + 21^1 + 22^1 + 23^0 = 34 + 54 + 211 + 221 + 230 \\
 750 &:= 2^4 + 13^1 + 13^2 + 23^1 + 23^2 = 24 + 131 + 132 + 231 + 232 & 750 &:= 3^5 + 11^2 + 17^0 + 19^2 + 24^1 = 35 + 112 + 170 + 192 + 241 \\
 750 &:= 2^4 + 13^2 + 14^1 + 22^1 + 23^2 = 24 + 132 + 141 + 221 + 232 & 750 &:= 3^5 + 13^1 + 13^2 + 18^2 + 27^0 = 35 + 131 + 132 + 182 + 270 \\
 750 &:= 2^4 + 13^2 + 15^1 + 21^1 + 23^2 = 24 + 132 + 151 + 211 + 232 & 750 &:= 3^5 + 14^2 + 17^2 + 19^0 + 21^1 = 35 + 142 + 172 + 190 + 211 \\
 750 &:= 2^4 + 13^2 + 16^1 + 20^1 + 23^2 = 24 + 132 + 161 + 201 + 232 & 750 &:= 3^5 + 15^0 + 15^2 + 16^2 + 25^1 = 35 + 150 + 152 + 162 + 251 \\
 750 &:= 2^4 + 13^2 + 17^1 + 19^1 + 23^2 = 24 + 132 + 171 + 191 + 232 & 750 &:= 3^5 + 4^3 + 19^0 + 21^2 + 27^0 = 35 + 43 + 190 + 212 + 270 \\
 750 &:= 2^4 + 13^2 + 18^1 + 18^1 + 23^2 = 24 + 132 + 181 + 181 + 232 & 750 &:= 3^5 + 4^3 + 20^0 + 21^2 + 26^0 = 35 + 43 + 200 + 212 + 260 \\
 750 &:= 2^4 + 4^2 + 15^1 + 26^2 + 27^1 = 24 + 42 + 151 + 262 + 271 & 750 &:= 3^5 + 4^3 + 21^0 + 21^2 + 25^0 = 35 + 43 + 210 + 212 + 250 \\
 750 &:= 2^4 + 4^2 + 16^1 + 26^1 + 26^2 = 24 + 42 + 161 + 261 + 262 & 750 &:= 3^5 + 4^3 + 21^2 + 22^0 + 24^0 = 35 + 43 + 212 + 220 + 240 \\
 750 &:= 2^4 + 4^2 + 17^1 + 25^1 + 26^2 = 24 + 42 + 171 + 251 + 262 & 750 &:= 3^5 + 4^3 + 21^2 + 23^0 + 23^0 = 35 + 43 + 212 + 230 + 230 \\
 750 &:= 2^4 + 4^2 + 18^1 + 24^1 + 26^2 = 24 + 42 + 181 + 241 + 262 & 750 &:= 3^5 + 6^3 + 17^2 + 21^0 + 27^0 = 35 + 63 + 172 + 210 + 270 \\
 750 &:= 2^4 + 4^2 + 19^1 + 23^1 + 26^2 = 24 + 42 + 191 + 231 + 262 & 750 &:= 3^5 + 6^3 + 17^2 + 22^0 + 26^0 = 35 + 63 + 172 + 220 + 260 \\
 750 &:= 2^4 + 4^2 + 20^1 + 22^1 + 26^2 = 24 + 42 + 201 + 221 + 262 & 750 &:= 3^5 + 6^3 + 17^2 + 23^0 + 25^0 = 35 + 63 + 172 + 230 + 250 \\
 750 &:= 2^4 + 4^2 + 21^1 + 21^1 + 26^2 = 24 + 42 + 211 + 211 + 262 & 750 &:= 3^5 + 6^3 + 17^2 + 24^0 + 24^0 = 35 + 63 + 172 + 240 + 240 \\
 750 &:= 2^4 + 8^3 + 14^2 + 25^0 + 25^1 = 24 + 83 + 142 + 250 + 251 & 750 &:= 3^5 + 7^2 + 16^1 + 21^2 + 27^0 = 35 + 72 + 161 + 212 + 270 \\
 750 &:= 2^4 + 9^1 + 13^2 + 23^2 + 27^1 = 24 + 91 + 132 + 232 + 271 & 750 &:= 3^5 + 9^2 + 17^0 + 20^2 + 25^1 = 35 + 92 + 170 + 202 + 251 \\
 750 &:= 2^5 + 11^2 + 17^0 + 20^1 + 24^2 = 25 + 112 + 170 + 201 + 242 & 750 &:= 4^3 + 9^2 + 17^2 + 17^2 + 27^1 = 43 + 92 + 172 + 172 + 271 \\
 750 &:= 2^5 + 13^2 + 17^0 + 19^1 + 23^2 = 25 + 132 + 170 + 191 + 232 & 750 &:= 4^4 + 6^3 + 16^2 + 21^1 + 27^0 = 44 + 63 + 162 + 211 + 270 \\
 750 &:= 2^5 + 15^0 + 16^2 + 20^1 + 21^2 = 25 + 150 + 162 + 201 + 212 \\
 750 &:= 2^5 + 4^2 + 17^0 + 25^1 + 26^2 = 25 + 42 + 170 + 251 + 262
 \end{aligned}$$

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$$\begin{aligned}
 751 &:= 1^4 + 3^6 + 20^1 + 50^0 = 14 + 36 + 201 + 500 & 751 &:= 2^8 + 10^1 + 22^2 + 40^0 = 28 + 101 + 222 + 400 \\
 751 &:= 1^7 + 9^3 + 20^1 + 44^0 = 17 + 93 + 201 + 440 & 751 &:= 1^0 + 1^8 + 19^1 + 26^0 + 27^2 = 10 + 18 + 191 + 260 + 272 \\
 751 &:= 1^8 + 20^1 + 26^0 + 27^2 = 18 + 201 + 260 + 272 & 751 &:= 1^1 + 1^7 + 19^1 + 26^0 + 27^2 = 11 + 17 + 191 + 260 + 272 \\
 751 &:= 2^4 + 3^6 + 5^1 + 64^0 = 24 + 36 + 51 + 640 & 751 &:= 1^2 + 1^6 + 19^1 + 26^0 + 27^2 = 12 + 16 + 191 + 260 + 272 \\
 751 &:= 2^6 + 5^4 + 6^0 + 61^1 = 26 + 54 + 60 + 611 & 751 &:= 1^3 + 1^5 + 19^1 + 26^0 + 27^2 = 13 + 15 + 191 + 260 + 272
 \end{aligned}$$

$751 := 1^3 + 3^5 + 22^1 + 22^2 + 26^0 = 13 + 35 + 221 + 222 + 260$	$751 := 1^8 + 2^0 + 19^1 + 25^0 + 27^2 = 18 + 20 + 191 + 250 + 272$
$751 := 1^4 + 1^4 + 19^1 + 26^0 + 27^2 = 14 + 14 + 191 + 260 + 272$	$751 := 1^8 + 3^0 + 19^1 + 24^0 + 27^2 = 18 + 30 + 191 + 240 + 272$
$751 := 1^4 + 3^6 + 19^1 + 24^0 + 27^0 = 14 + 36 + 191 + 240 + 270$	$751 := 1^8 + 4^0 + 19^1 + 23^0 + 27^2 = 18 + 40 + 191 + 230 + 272$
$751 := 1^4 + 3^6 + 19^1 + 25^0 + 26^0 = 14 + 36 + 191 + 250 + 260$	$751 := 1^8 + 5^0 + 19^1 + 22^0 + 27^2 = 18 + 50 + 191 + 220 + 272$
$751 := 1^5 + 13^2 + 16^2 + 18^2 + 26^0 = 15 + 132 + 162 + 182 + 260$	$751 := 1^8 + 6^0 + 19^1 + 21^0 + 27^2 = 18 + 60 + 191 + 210 + 272$
$751 := 1^6 + 10^0 + 18^2 + 20^2 + 25^1 = 16 + 100 + 182 + 202 + 251$	$751 := 1^8 + 7^0 + 19^1 + 20^0 + 27^2 = 18 + 70 + 191 + 200 + 272$
$751 := 1^6 + 10^2 + 14^0 + 24^1 + 25^2 = 16 + 102 + 140 + 241 + 252$	$751 := 1^8 + 8^0 + 19^0 + 19^1 + 27^2 = 18 + 80 + 190 + 191 + 272$
$751 := 1^6 + 12^0 + 14^2 + 23^2 + 24^1 = 16 + 120 + 142 + 232 + 241$	$751 := 1^8 + 9^0 + 18^0 + 19^1 + 27^2 = 18 + 90 + 180 + 191 + 272$
$751 := 1^6 + 16^0 + 17^2 + 19^1 + 21^2 = 16 + 160 + 172 + 191 + 212$	$751 := 1^9 + 1^9 + 19^1 + 25^0 + 27^2 = 19 + 19 + 191 + 250 + 272$
$751 := 1^6 + 7^2 + 16^0 + 24^1 + 26^2 = 16 + 72 + 160 + 241 + 262$	$751 := 2^0 + 2^7 + 19^1 + 24^2 + 27^1 = 20 + 27 + 191 + 242 + 271$
$751 := 1^6 + 8^0 + 19^2 + 19^2 + 27^1 = 16 + 80 + 192 + 192 + 271$	$751 := 2^0 + 2^7 + 20^1 + 24^2 + 26^1 = 20 + 27 + 201 + 242 + 261$
$751 := 1^6 + 9^1 + 16^2 + 22^2 + 26^0 = 16 + 91 + 162 + 222 + 260$	$751 := 2^0 + 2^7 + 21^1 + 24^2 + 25^1 = 20 + 27 + 211 + 242 + 251$
$751 := 1^7 + 10^1 + 10^1 + 26^0 + 27^2 = 17 + 101 + 101 + 260 + 272$	$751 := 2^0 + 2^7 + 22^1 + 24^1 + 24^2 = 20 + 27 + 221 + 241 + 242$
$751 := 1^7 + 2^1 + 18^1 + 26^0 + 27^2 = 17 + 21 + 181 + 260 + 272$	$751 := 2^0 + 2^7 + 23^1 + 23^1 + 24^2 = 20 + 27 + 231 + 231 + 242$
$751 := 1^7 + 3^1 + 17^1 + 26^0 + 27^2 = 17 + 31 + 171 + 260 + 272$	$751 := 2^5 + 13^2 + 15^2 + 18^2 + 26^0 = 25 + 132 + 152 + 182 + 260$
$751 := 1^7 + 4^1 + 16^1 + 26^0 + 27^2 = 17 + 41 + 161 + 260 + 272$	$751 := 2^5 + 5^3 + 17^1 + 24^2 + 26^0 = 25 + 53 + 171 + 242 + 260$
$751 := 1^7 + 5^1 + 15^1 + 26^0 + 27^2 = 17 + 51 + 151 + 260 + 272$	$751 := 2^5 + 6^3 + 18^1 + 22^2 + 26^0 = 25 + 63 + 181 + 222 + 260$
$751 := 1^7 + 6^1 + 14^1 + 26^0 + 27^2 = 17 + 61 + 141 + 260 + 272$	$751 := 2^6 + 12^2 + 13^1 + 23^2 + 24^0 = 26 + 122 + 131 + 232 + 240$
$751 := 1^7 + 7^1 + 13^1 + 26^0 + 27^2 = 17 + 71 + 131 + 260 + 272$	$751 := 2^6 + 15^2 + 16^0 + 20^1 + 21^2 = 26 + 152 + 160 + 201 + 212$
$751 := 1^7 + 8^1 + 12^1 + 26^0 + 27^2 = 17 + 81 + 121 + 260 + 272$	$751 := 2^6 + 6^2 + 16^0 + 25^1 + 25^2 = 26 + 62 + 160 + 251 + 252$
$751 := 1^7 + 9^1 + 11^1 + 26^0 + 27^2 = 17 + 91 + 111 + 260 + 272$	$751 := 2^8 + 9^1 + 14^0 + 22^2 + 27^0 = 28 + 91 + 140 + 222 + 270$
$751 := 1^7 + 9^3 + 18^0 + 19^1 + 27^0 = 17 + 93 + 180 + 191 + 270$	$751 := 2^8 + 9^1 + 15^0 + 22^2 + 26^0 = 28 + 91 + 150 + 222 + 260$
$751 := 1^7 + 9^3 + 19^0 + 19^1 + 26^0 = 17 + 93 + 190 + 191 + 260$	$751 := 2^8 + 9^1 + 16^0 + 22^2 + 25^0 = 28 + 91 + 160 + 222 + 250$
$751 := 1^7 + 9^3 + 19^1 + 20^0 + 25^0 = 17 + 93 + 191 + 200 + 250$	$751 := 2^8 + 9^1 + 17^0 + 22^2 + 24^0 = 28 + 91 + 170 + 222 + 240$
$751 := 1^7 + 9^3 + 19^1 + 21^0 + 24^0 = 17 + 93 + 191 + 210 + 240$	$751 := 2^8 + 9^1 + 18^0 + 22^2 + 23^0 = 28 + 91 + 180 + 222 + 230$
$751 := 1^7 + 9^3 + 19^1 + 22^0 + 23^0 = 17 + 93 + 191 + 220 + 230$	$751 := 2^8 + 9^1 + 19^0 + 22^0 + 22^2 = 28 + 91 + 190 + 220 + 222$
$751 := 1^8 + 10^0 + 17^0 + 19^1 + 27^2 = 18 + 100 + 170 + 191 + 272$	$751 := 2^8 + 9^1 + 20^0 + 21^0 + 22^2 = 28 + 91 + 200 + 210 + 222$
$751 := 1^8 + 11^0 + 16^0 + 19^1 + 27^2 = 18 + 110 + 160 + 191 + 272$	$751 := 3^5 + 5^3 + 19^2 + 21^1 + 26^0 = 35 + 53 + 192 + 211 + 260$
$751 := 1^8 + 12^0 + 15^0 + 19^1 + 27^2 = 18 + 120 + 150 + 191 + 272$	
$751 := 1^8 + 13^0 + 14^0 + 19^1 + 27^2 = 18 + 130 + 140 + 191 + 272$	

2.2.653 Number 752

$752 := 1^2 + 2^7 + 24^2 + 47^1 = 12 + 27 + 242 + 471$	$752 := 1^8 + 9^3 + 21^1 + 43^0 = 18 + 93 + 211 + 430$
$752 := 1^5 + 3^4 + 25^2 + 45^1 = 15 + 34 + 252 + 451$	$752 := 1^9 + 21^1 + 25^0 + 27^2 = 19 + 211 + 250 + 272$
$752 := 1^5 + 3^6 + 21^1 + 49^0 = 15 + 36 + 211 + 490$	$752 := 2^7 + 10^2 + 22^2 + 40^1 = 27 + 102 + 222 + 401$
$752 := 1^5 + 5^3 + 5^4 + 63^0 = 15 + 53 + 54 + 630$	$752 := 2^7 + 12^2 + 21^2 + 39^1 = 27 + 122 + 212 + 391$
$752 := 1^6 + 7^3 + 19^2 + 47^1 = 16 + 73 + 192 + 471$	$752 := 2^7 + 15^2 + 19^2 + 38^1 = 27 + 152 + 192 + 381$
$752 := 1^7 + 5^3 + 25^2 + 43^0 = 17 + 53 + 252 + 430$	$752 := 2^9 + 14^1 + 15^2 + 43^0 = 29 + 141 + 152 + 430$

$$\begin{aligned} 752 &:= 2^9 + 14^2 + 15^0 + 43^1 = 29 + 142 + 150 + 431 & 752 &:= 1^8 + 7^1 + 14^1 + 25^0 + 27^2 = 18 + 71 + 141 + 250 + 272 \\ 752 &:= 1^0 + 1^9 + 20^1 + 25^0 + 27^2 = 10 + 19 + 201 + 250 + 272 & 752 &:= 1^8 + 8^1 + 13^1 + 25^0 + 27^2 = 18 + 81 + 131 + 250 + 272 \\ 752 &:= 1^1 + 1^8 + 20^1 + 25^0 + 27^2 = 11 + 18 + 201 + 250 + 272 & 752 &:= 1^8 + 9^1 + 12^1 + 25^0 + 27^2 = 18 + 91 + 121 + 250 + 272 \\ 752 &:= 1^1 + 2^7 + 20^1 + 24^2 + 27^1 = 11 + 27 + 201 + 242 + 271 & 752 &:= 1^8 + 9^3 + 17^0 + 20^1 + 27^0 = 18 + 93 + 170 + 201 + 270 \\ 752 &:= 1^1 + 2^7 + 21^1 + 24^2 + 26^1 = 11 + 27 + 211 + 242 + 261 & 752 &:= 1^8 + 9^3 + 18^0 + 20^1 + 26^0 = 18 + 93 + 180 + 201 + 260 \\ 752 &:= 1^1 + 2^7 + 22^1 + 24^2 + 25^1 = 11 + 27 + 221 + 242 + 251 & 752 &:= 1^8 + 9^3 + 19^0 + 20^1 + 25^0 = 18 + 93 + 190 + 201 + 250 \\ 752 &:= 1^1 + 2^7 + 23^1 + 24^1 + 24^2 = 11 + 27 + 231 + 241 + 242 & 752 &:= 1^8 + 9^3 + 20^0 + 20^1 + 24^0 = 18 + 93 + 200 + 201 + 240 \\ 752 &:= 1^2 + 1^7 + 20^1 + 25^0 + 27^2 = 12 + 17 + 201 + 250 + 272 & 752 &:= 1^8 + 9^3 + 20^1 + 21^0 + 23^0 = 18 + 93 + 201 + 210 + 230 \\ 752 &:= 1^3 + 1^6 + 20^1 + 25^0 + 27^2 = 13 + 16 + 201 + 250 + 272 & 752 &:= 1^8 + 9^3 + 20^1 + 22^0 + 22^0 = 18 + 93 + 201 + 220 + 220 \\ 752 &:= 1^4 + 1^5 + 20^1 + 25^0 + 27^2 = 14 + 15 + 201 + 250 + 272 & 752 &:= 1^9 + 10^0 + 16^0 + 20^1 + 27^2 = 19 + 100 + 160 + 201 + 272 \\ 752 &:= 1^4 + 3^4 + 18^1 + 25^2 + 27^1 = 14 + 34 + 181 + 252 + 271 & 752 &:= 1^9 + 11^0 + 15^0 + 20^1 + 27^2 = 19 + 110 + 150 + 201 + 272 \\ 752 &:= 1^4 + 3^4 + 19^1 + 25^2 + 26^1 = 14 + 34 + 191 + 252 + 261 & 752 &:= 1^9 + 12^0 + 14^0 + 20^1 + 27^2 = 19 + 120 + 140 + 201 + 272 \\ 752 &:= 1^4 + 3^4 + 20^1 + 25^1 + 25^2 = 14 + 34 + 201 + 251 + 252 & 752 &:= 1^9 + 13^0 + 13^0 + 20^1 + 27^2 = 19 + 130 + 130 + 201 + 272 \\ 752 &:= 1^4 + 3^4 + 21^1 + 24^1 + 25^2 = 14 + 34 + 211 + 241 + 252 & 752 &:= 1^9 + 2^0 + 20^1 + 24^0 + 27^2 = 19 + 20 + 201 + 240 + 272 \\ 752 &:= 1^4 + 3^4 + 22^1 + 23^1 + 25^2 = 14 + 34 + 221 + 231 + 252 & 752 &:= 1^9 + 3^0 + 20^1 + 23^0 + 27^2 = 19 + 30 + 201 + 230 + 272 \\ 752 &:= 1^4 + 3^5 + 22^2 + 23^1 + 25^0 = 14 + 35 + 222 + 231 + 250 & 752 &:= 1^9 + 4^0 + 20^1 + 22^0 + 27^2 = 19 + 40 + 201 + 220 + 272 \\ 752 &:= 1^5 + 12^2 + 16^2 + 18^2 + 27^1 = 15 + 122 + 162 + 182 + 271 & 752 &:= 1^9 + 5^0 + 20^1 + 21^0 + 27^2 = 19 + 50 + 201 + 210 + 272 \\ 752 &:= 1^5 + 3^6 + 20^1 + 23^0 + 27^0 = 15 + 36 + 201 + 230 + 270 & 752 &:= 1^9 + 6^0 + 20^0 + 20^1 + 27^2 = 19 + 60 + 200 + 201 + 272 \\ 752 &:= 1^5 + 3^6 + 20^1 + 24^0 + 26^0 = 15 + 36 + 201 + 240 + 260 & 752 &:= 1^9 + 7^0 + 19^0 + 20^1 + 27^2 = 19 + 70 + 190 + 201 + 272 \\ 752 &:= 1^5 + 3^6 + 20^1 + 25^0 + 25^0 = 15 + 36 + 201 + 250 + 250 & 752 &:= 1^9 + 8^0 + 18^0 + 20^1 + 27^2 = 19 + 80 + 180 + 201 + 272 \\ 752 &:= 1^5 + 7^3 + 19^2 + 20^1 + 27^1 = 15 + 73 + 192 + 201 + 271 & 752 &:= 1^9 + 9^0 + 17^0 + 20^1 + 27^2 = 19 + 90 + 170 + 201 + 272 \\ 752 &:= 1^5 + 7^3 + 19^2 + 21^1 + 26^1 = 15 + 73 + 192 + 211 + 261 & 752 &:= 2^1 + 2^7 + 19^1 + 24^2 + 27^1 = 21 + 27 + 191 + 242 + 271 \\ 752 &:= 1^5 + 7^3 + 19^2 + 22^1 + 25^1 = 15 + 73 + 192 + 221 + 251 & 752 &:= 2^1 + 2^7 + 20^1 + 24^2 + 26^1 = 21 + 27 + 201 + 242 + 261 \\ 752 &:= 1^5 + 7^3 + 19^2 + 23^1 + 24^1 = 15 + 73 + 192 + 231 + 241 & 752 &:= 2^1 + 2^7 + 21^1 + 24^2 + 25^1 = 21 + 27 + 211 + 242 + 251 \\ 752 &:= 1^6 + 10^2 + 17^2 + 19^2 + 27^0 = 16 + 102 + 172 + 192 + 270 & 752 &:= 2^1 + 2^7 + 22^1 + 24^1 + 24^2 = 21 + 27 + 221 + 241 + 242 \\ 752 &:= 1^7 + 10^1 + 16^2 + 22^2 + 25^0 = 17 + 101 + 162 + 222 + 250 & 752 &:= 2^1 + 2^7 + 23^1 + 23^1 + 24^2 = 21 + 27 + 231 + 231 + 242 \\ 752 &:= 1^7 + 10^2 + 13^0 + 25^1 + 25^2 = 17 + 102 + 130 + 251 + 252 & 752 &:= 2^4 + 2^4 + 17^1 + 26^2 + 27^1 = 24 + 24 + 171 + 262 + 271 \\ 752 &:= 1^7 + 11^0 + 14^2 + 23^2 + 25^1 = 17 + 110 + 142 + 232 + 251 & 752 &:= 2^4 + 2^4 + 18^1 + 26^1 + 26^2 = 24 + 24 + 181 + 261 + 262 \\ 752 &:= 1^7 + 15^0 + 17^2 + 20^1 + 21^2 = 17 + 150 + 172 + 201 + 212 & 752 &:= 2^4 + 2^4 + 19^1 + 25^1 + 26^2 = 24 + 24 + 191 + 251 + 262 \\ 752 &:= 1^7 + 2^2 + 17^1 + 27^0 + 27^2 = 17 + 22 + 171 + 270 + 272 & 752 &:= 2^4 + 2^4 + 20^1 + 24^1 + 26^2 = 24 + 24 + 201 + 241 + 262 \\ 752 &:= 1^7 + 7^2 + 15^0 + 25^1 + 26^2 = 17 + 72 + 150 + 251 + 262 & 752 &:= 2^4 + 2^4 + 21^1 + 23^1 + 26^2 = 24 + 24 + 211 + 231 + 262 \\ 752 &:= 1^7 + 9^0 + 18^2 + 20^2 + 26^1 = 17 + 90 + 182 + 202 + 261 & 752 &:= 2^4 + 2^4 + 22^1 + 22^1 + 26^2 = 24 + 24 + 221 + 221 + 262 \\ 752 &:= 1^8 + 10^1 + 11^1 + 25^0 + 27^2 = 18 + 101 + 111 + 250 + 272 & 752 &:= 2^4 + 2^5 + 17^0 + 26^2 + 27^1 = 24 + 25 + 170 + 262 + 271 \\ 752 &:= 1^8 + 2^1 + 19^1 + 25^0 + 27^2 = 18 + 21 + 191 + 250 + 272 & 752 &:= 2^5 + 12^2 + 15^2 + 18^2 + 27^1 = 25 + 122 + 152 + 182 + 271 \\ 752 &:= 1^8 + 3^1 + 18^1 + 25^0 + 27^2 = 18 + 31 + 181 + 250 + 272 & 752 &:= 2^5 + 4^4 + 21^2 + 22^1 + 25^0 = 25 + 44 + 212 + 221 + 250 \\ 752 &:= 1^8 + 4^1 + 17^1 + 25^0 + 27^2 = 18 + 41 + 171 + 250 + 272 & 752 &:= 2^6 + 11^1 + 11^2 + 23^2 + 27^1 = 26 + 111 + 112 + 232 + 271 \\ 752 &:= 1^8 + 5^1 + 16^1 + 25^0 + 27^2 = 18 + 51 + 161 + 250 + 272 & 752 &:= 2^6 + 11^2 + 12^1 + 23^2 + 26^1 = 26 + 112 + 121 + 232 + 261 \\ 752 &:= 1^8 + 6^1 + 15^1 + 25^0 + 27^2 = 18 + 61 + 151 + 250 + 272 & 752 &:= 2^6 + 11^2 + 13^1 + 23^2 + 25^1 = 26 + 112 + 131 + 232 + 251 \end{aligned}$$

$$\begin{aligned}752 &:= 2^6 + 11^2 + 14^1 + 23^2 + 24^1 = 26 + 112 + 141 + 232 + 241 \\752 &:= 2^6 + 11^2 + 15^1 + 23^1 + 23^2 = 26 + 112 + 151 + 231 + 232 \\752 &:= 2^6 + 11^2 + 16^1 + 22^1 + 23^2 = 26 + 112 + 161 + 221 + 232 \\752 &:= 2^6 + 11^2 + 17^1 + 21^1 + 23^2 = 26 + 112 + 171 + 211 + 232 \\752 &:= 2^6 + 11^2 + 18^1 + 20^1 + 23^2 = 26 + 112 + 181 + 201 + 232 \\752 &:= 2^6 + 11^2 + 19^1 + 19^1 + 23^2 = 26 + 112 + 191 + 191 + 232 \\752 &:= 2^6 + 7^3 + 18^2 + 20^1 + 27^0 = 26 + 73 + 182 + 201 + 270 \\752 &:= 2^7 + 10^1 + 11^1 + 24^2 + 27^1 = 27 + 101 + 111 + 242 + 271 \\752 &:= 2^7 + 10^1 + 12^1 + 24^2 + 26^1 = 27 + 101 + 121 + 242 + 261 \\752 &:= 2^7 + 10^1 + 13^1 + 24^2 + 25^1 = 27 + 101 + 131 + 242 + 251 \\752 &:= 2^7 + 10^1 + 14^1 + 24^1 + 24^2 = 27 + 101 + 141 + 241 + 242 \\752 &:= 2^7 + 10^1 + 15^1 + 23^1 + 24^2 = 27 + 101 + 151 + 231 + 242 \\752 &:= 2^7 + 10^1 + 16^1 + 22^1 + 24^2 = 27 + 101 + 161 + 221 + 242 \\752 &:= 2^7 + 10^1 + 17^1 + 21^1 + 24^2 = 27 + 101 + 171 + 211 + 242 \\752 &:= 2^7 + 10^1 + 17^2 + 18^2 + 27^0 = 27 + 101 + 172 + 182 + 270 \\752 &:= 2^7 + 10^1 + 18^1 + 20^1 + 24^2 = 27 + 101 + 181 + 201 + 242 \\752 &:= 2^7 + 10^1 + 19^1 + 19^1 + 24^2 = 27 + 101 + 191 + 191 + 242 \\752 &:= 2^7 + 11^0 + 14^2 + 20^2 + 27^1 = 27 + 110 + 142 + 202 + 271 \\752 &:= 2^7 + 11^1 + 11^1 + 24^2 + 26^1 = 27 + 111 + 111 + 242 + 261 \\752 &:= 2^7 + 11^1 + 12^1 + 24^2 + 25^1 = 27 + 111 + 121 + 242 + 251 \\752 &:= 2^7 + 11^1 + 13^1 + 24^1 + 24^2 = 27 + 111 + 131 + 241 + 242 \\752 &:= 2^7 + 11^1 + 14^1 + 23^1 + 24^2 = 27 + 111 + 141 + 231 + 242 \\752 &:= 2^7 + 11^1 + 15^1 + 22^1 + 24^2 = 27 + 111 + 151 + 221 + 242 \\752 &:= 2^7 + 11^1 + 16^1 + 21^1 + 24^2 = 27 + 111 + 161 + 211 + 242 \\752 &:= 2^7 + 11^1 + 17^1 + 20^1 + 24^2 = 27 + 111 + 171 + 201 + 242 \\752 &:= 2^7 + 11^1 + 18^1 + 19^1 + 24^2 = 27 + 111 + 181 + 191 + 242 \\752 &:= 2^7 + 11^2 + 18^1 + 21^0 + 22^2 = 27 + 112 + 181 + 210 + 222 \\752 &:= 2^7 + 12^1 + 12^1 + 24^1 + 24^2 = 27 + 121 + 121 + 241 + 242 \\752 &:= 2^7 + 12^1 + 13^1 + 23^1 + 24^2 = 27 + 121 + 131 + 231 + 242 \\752 &:= 2^7 + 12^1 + 14^1 + 22^1 + 24^2 = 27 + 121 + 141 + 221 + 242 \\752 &:= 2^7 + 12^1 + 15^1 + 21^1 + 24^2 = 27 + 121 + 151 + 211 + 242 \\752 &:= 2^7 + 12^1 + 16^1 + 20^1 + 24^2 = 27 + 121 + 161 + 201 + 242 \\752 &:= 2^7 + 12^1 + 17^1 + 19^1 + 24^2 = 27 + 121 + 171 + 191 + 242 \\752 &:= 2^7 + 12^1 + 18^1 + 18^1 + 24^2 = 27 + 121 + 181 + 181 + 242 \\752 &:= 2^7 + 13^1 + 13^1 + 22^1 + 24^2 = 27 + 131 + 131 + 221 + 242 \\752 &:= 2^7 + 13^1 + 13^2 + 21^2 + 25^0 = 27 + 131 + 132 + 212 + 250 \\752 &:= 2^7 + 13^1 + 14^1 + 21^1 + 24^2 = 27 + 131 + 141 + 211 + 242 \\752 &:= 2^7 + 13^1 + 15^1 + 20^1 + 24^2 = 27 + 131 + 151 + 201 + 242\end{aligned}$$

$$\begin{aligned}752 &:= 2^7 + 13^1 + 16^1 + 19^1 + 24^2 = 27 + 131 + 161 + 191 + 242 \\752 &:= 2^7 + 13^1 + 17^1 + 18^1 + 24^2 = 27 + 131 + 171 + 181 + 242 \\752 &:= 2^7 + 14^1 + 14^1 + 20^1 + 24^2 = 27 + 141 + 141 + 201 + 242 \\752 &:= 2^7 + 14^1 + 15^1 + 19^1 + 24^2 = 27 + 141 + 151 + 191 + 242 \\752 &:= 2^7 + 14^1 + 16^1 + 18^1 + 24^2 = 27 + 141 + 161 + 181 + 242 \\752 &:= 2^7 + 14^1 + 17^1 + 17^1 + 24^2 = 27 + 141 + 171 + 171 + 242 \\752 &:= 2^7 + 15^1 + 15^1 + 18^1 + 24^2 = 27 + 151 + 151 + 181 + 242 \\752 &:= 2^7 + 15^1 + 16^1 + 17^1 + 24^2 = 27 + 151 + 161 + 171 + 242 \\752 &:= 2^7 + 16^1 + 16^1 + 16^1 + 24^2 = 27 + 161 + 161 + 161 + 242 \\752 &:= 2^7 + 3^1 + 18^1 + 24^2 + 27^1 = 27 + 31 + 181 + 242 + 271 \\752 &:= 2^7 + 3^1 + 19^1 + 24^2 + 26^1 = 27 + 31 + 191 + 242 + 261 \\752 &:= 2^7 + 3^1 + 20^1 + 24^2 + 25^1 = 27 + 31 + 201 + 242 + 251 \\752 &:= 2^7 + 3^1 + 21^1 + 24^1 + 24^2 = 27 + 31 + 211 + 241 + 242 \\752 &:= 2^7 + 3^1 + 22^1 + 23^1 + 24^2 = 27 + 31 + 221 + 231 + 242 \\752 &:= 2^7 + 4^1 + 17^1 + 24^2 + 27^1 = 27 + 41 + 171 + 242 + 271 \\752 &:= 2^7 + 4^1 + 18^1 + 24^2 + 26^1 = 27 + 41 + 181 + 242 + 261 \\752 &:= 2^7 + 4^1 + 19^1 + 24^2 + 25^1 = 27 + 41 + 191 + 242 + 251 \\752 &:= 2^7 + 4^1 + 20^1 + 24^1 + 24^2 = 27 + 41 + 201 + 241 + 242 \\752 &:= 2^7 + 4^1 + 21^1 + 23^1 + 24^2 = 27 + 41 + 211 + 231 + 242 \\752 &:= 2^7 + 4^1 + 22^1 + 22^1 + 24^2 = 27 + 41 + 221 + 221 + 242 \\752 &:= 2^7 + 5^1 + 16^1 + 24^2 + 27^1 = 27 + 51 + 161 + 242 + 271 \\752 &:= 2^7 + 5^1 + 17^1 + 24^2 + 26^1 = 27 + 51 + 171 + 242 + 261 \\752 &:= 2^7 + 5^1 + 18^1 + 24^2 + 25^1 = 27 + 51 + 181 + 242 + 251 \\752 &:= 2^7 + 5^1 + 19^1 + 24^1 + 24^2 = 27 + 51 + 191 + 241 + 242 \\752 &:= 2^7 + 5^1 + 20^1 + 23^1 + 24^2 = 27 + 51 + 201 + 231 + 242 \\752 &:= 2^7 + 5^1 + 21^1 + 22^1 + 24^2 = 27 + 51 + 211 + 221 + 242 \\752 &:= 2^7 + 5^2 + 21^0 + 22^1 + 24^2 = 27 + 52 + 210 + 221 + 242 \\752 &:= 2^7 + 6^1 + 15^1 + 24^2 + 27^1 = 27 + 61 + 151 + 242 + 271 \\752 &:= 2^7 + 6^1 + 16^1 + 24^2 + 26^1 = 27 + 61 + 161 + 242 + 261 \\752 &:= 2^7 + 6^1 + 17^1 + 24^2 + 25^1 = 27 + 61 + 171 + 242 + 251 \\752 &:= 2^7 + 6^1 + 18^1 + 24^1 + 24^2 = 27 + 61 + 181 + 241 + 242 \\752 &:= 2^7 + 6^1 + 19^1 + 23^1 + 24^2 = 27 + 61 + 191 + 231 + 242 \\752 &:= 2^7 + 6^1 + 20^1 + 22^1 + 24^2 = 27 + 61 + 201 + 221 + 242 \\752 &:= 2^7 + 6^1 + 21^1 + 21^1 + 24^2 = 27 + 61 + 211 + 211 + 242 \\752 &:= 2^7 + 7^1 + 14^1 + 24^2 + 27^1 = 27 + 71 + 141 + 242 + 271 \\752 &:= 2^7 + 7^1 + 15^1 + 24^2 + 26^1 = 27 + 71 + 151 + 242 + 261 \\752 &:= 2^7 + 7^1 + 16^1 + 24^2 + 25^1 = 27 + 71 + 161 + 242 + 251 \\752 &:= 2^7 + 7^1 + 17^1 + 24^1 + 24^2 = 27 + 71 + 171 + 241 + 242\end{aligned}$$

$$\begin{aligned}
 752 &:= 2^7 + 7^1 + 18^1 + 23^1 + 24^2 = 27 + 71 + 181 + 231 + 242 \\
 752 &:= 2^7 + 7^1 + 19^1 + 22^1 + 24^2 = 27 + 71 + 191 + 221 + 242 \\
 752 &:= 2^7 + 7^1 + 20^1 + 21^1 + 24^2 = 27 + 71 + 201 + 211 + 242 \\
 752 &:= 2^7 + 8^1 + 13^1 + 24^2 + 27^1 = 27 + 81 + 131 + 242 + 271 \\
 752 &:= 2^7 + 8^1 + 14^1 + 24^2 + 26^1 = 27 + 81 + 141 + 242 + 261 \\
 752 &:= 2^7 + 8^1 + 15^1 + 24^2 + 25^1 = 27 + 81 + 151 + 242 + 251 \\
 752 &:= 2^7 + 8^1 + 16^1 + 24^1 + 24^2 = 27 + 81 + 161 + 241 + 242 \\
 752 &:= 2^7 + 8^1 + 17^1 + 23^1 + 24^2 = 27 + 81 + 171 + 231 + 242 \\
 752 &:= 2^7 + 8^1 + 18^1 + 22^1 + 24^2 = 27 + 81 + 181 + 221 + 242 \\
 752 &:= 2^7 + 8^1 + 19^1 + 21^1 + 24^2 = 27 + 81 + 191 + 211 + 242 \\
 752 &:= 2^7 + 8^1 + 20^1 + 20^1 + 24^2 = 27 + 81 + 201 + 201 + 242 \\
 752 &:= 2^7 + 9^1 + 12^1 + 24^2 + 27^1 = 27 + 91 + 121 + 242 + 271 \\
 752 &:= 2^7 + 9^1 + 13^1 + 24^2 + 26^1 = 27 + 91 + 131 + 242 + 261 \\
 752 &:= 2^7 + 9^1 + 14^1 + 24^2 + 25^1 = 27 + 91 + 141 + 242 + 251 \\
 752 &:= 2^7 + 9^1 + 15^1 + 24^1 + 24^2 = 27 + 91 + 151 + 241 + 242
 \end{aligned}$$

$$\begin{aligned}
 752 &:= 2^7 + 9^1 + 16^1 + 23^1 + 24^2 = 27 + 91 + 161 + 231 + 242 \\
 752 &:= 2^7 + 9^1 + 17^1 + 22^1 + 24^2 = 27 + 91 + 171 + 221 + 242 \\
 752 &:= 2^7 + 9^1 + 18^1 + 21^1 + 24^2 = 27 + 91 + 181 + 211 + 242 \\
 752 &:= 2^7 + 9^1 + 19^1 + 20^1 + 24^2 = 27 + 91 + 191 + 201 + 242 \\
 752 &:= 2^7 + 9^2 + 13^1 + 23^2 + 27^0 = 27 + 92 + 131 + 232 + 270 \\
 752 &:= 2^9 + 13^1 + 15^2 + 17^0 + 27^0 = 29 + 131 + 152 + 170 + 270 \\
 752 &:= 2^9 + 13^1 + 15^2 + 18^0 + 26^0 = 29 + 131 + 152 + 180 + 260 \\
 752 &:= 2^9 + 13^1 + 15^2 + 19^0 + 25^0 = 29 + 131 + 152 + 190 + 250 \\
 752 &:= 2^9 + 13^1 + 15^2 + 20^0 + 24^0 = 29 + 131 + 152 + 200 + 240 \\
 752 &:= 2^9 + 13^1 + 15^2 + 21^0 + 23^0 = 29 + 131 + 152 + 210 + 230 \\
 752 &:= 2^9 + 13^1 + 15^2 + 22^0 + 22^0 = 29 + 131 + 152 + 220 + 220 \\
 752 &:= 3^4 + 3^5 + 20^2 + 21^0 + 27^1 = 34 + 35 + 202 + 210 + 271 \\
 752 &:= 3^5 + 4^4 + 15^2 + 25^0 + 27^1 = 35 + 44 + 152 + 250 + 271
 \end{aligned}$$

2.2.654 Number 753

$$\begin{aligned}
 753 &:= 23^1 + 25^0 + 27^2 = 231 + 250 + 272 \\
 753 &:= 1^0 + 22^1 + 25^0 + 27^2 = 10 + 221 + 250 + 272 \\
 753 &:= 1^6 + 3^6 + 22^1 + 48^0 = 16 + 36 + 221 + 480 \\
 753 &:= 1^9 + 9^3 + 22^1 + 42^0 = 19 + 93 + 221 + 420 \\
 753 &:= 10^0 + 16^0 + 22^1 + 27^2 = 100 + 160 + 221 + 272 \\
 753 &:= 11^0 + 15^0 + 22^1 + 27^2 = 110 + 150 + 221 + 272 \\
 753 &:= 12^0 + 14^0 + 22^1 + 27^2 = 120 + 140 + 221 + 272 \\
 753 &:= 13^0 + 13^0 + 22^1 + 27^2 = 130 + 130 + 221 + 272 \\
 753 &:= 2^0 + 22^1 + 24^0 + 27^2 = 20 + 221 + 240 + 272 \\
 753 &:= 2^9 + 6^3 + 24^1 + 42^0 = 29 + 63 + 241 + 420 \\
 753 &:= 3^0 + 22^1 + 23^0 + 27^2 = 30 + 221 + 230 + 272 \\
 753 &:= 4^0 + 22^0 + 22^1 + 27^2 = 40 + 220 + 221 + 272 \\
 753 &:= 5^0 + 21^0 + 22^1 + 27^2 = 50 + 210 + 221 + 272 \\
 753 &:= 6^0 + 20^0 + 22^1 + 27^2 = 60 + 200 + 221 + 272 \\
 753 &:= 7^0 + 19^0 + 22^1 + 27^2 = 70 + 190 + 221 + 272 \\
 753 &:= 8^0 + 18^0 + 22^1 + 27^2 = 80 + 180 + 221 + 272 \\
 753 &:= 9^0 + 17^0 + 22^1 + 27^2 = 90 + 170 + 221 + 272 \\
 753 &:= 1^0 + 1^0 + 21^1 + 25^0 + 27^2 = 10 + 10 + 211 + 250 + 272 \\
 753 &:= 1^0 + 10^0 + 16^0 + 21^1 + 27^2 = 10 + 100 + 160 + 211 + 272 \\
 753 &:= 1^0 + 11^0 + 15^0 + 21^1 + 27^2 = 10 + 110 + 150 + 211 + 272 \\
 753 &:= 1^0 + 12^0 + 14^0 + 21^1 + 27^2 = 10 + 120 + 140 + 211 + 272
 \end{aligned}$$

$$\begin{aligned}
 753 &:= 1^0 + 13^0 + 13^0 + 21^1 + 27^2 = 10 + 130 + 130 + 211 + 272 \\
 753 &:= 1^0 + 2^0 + 21^1 + 24^0 + 27^2 = 10 + 20 + 211 + 240 + 272 \\
 753 &:= 1^0 + 3^0 + 21^1 + 23^0 + 27^2 = 10 + 30 + 211 + 230 + 272 \\
 753 &:= 1^0 + 4^0 + 21^1 + 22^0 + 27^2 = 10 + 40 + 211 + 220 + 272 \\
 753 &:= 1^0 + 5^0 + 21^0 + 21^1 + 27^2 = 10 + 50 + 210 + 211 + 272 \\
 753 &:= 1^0 + 6^0 + 20^0 + 21^1 + 27^2 = 10 + 60 + 200 + 211 + 272 \\
 753 &:= 1^0 + 7^0 + 19^0 + 21^1 + 27^2 = 10 + 70 + 190 + 211 + 272 \\
 753 &:= 1^0 + 8^0 + 18^0 + 21^1 + 27^2 = 10 + 80 + 180 + 211 + 272 \\
 753 &:= 1^0 + 9^0 + 17^0 + 21^1 + 27^2 = 10 + 90 + 170 + 211 + 272 \\
 753 &:= 1^1 + 1^9 + 21^1 + 24^0 + 27^2 = 11 + 19 + 211 + 240 + 272 \\
 753 &:= 1^2 + 1^8 + 21^1 + 24^0 + 27^2 = 12 + 18 + 211 + 240 + 272 \\
 753 &:= 1^3 + 1^7 + 21^1 + 24^0 + 27^2 = 13 + 17 + 211 + 240 + 272 \\
 753 &:= 1^4 + 1^6 + 21^1 + 24^0 + 27^2 = 14 + 16 + 211 + 240 + 272 \\
 753 &:= 1^5 + 1^5 + 21^1 + 24^0 + 27^2 = 15 + 15 + 211 + 240 + 272 \\
 753 &:= 1^5 + 3^5 + 22^2 + 24^0 + 24^1 = 15 + 35 + 222 + 240 + 241 \\
 753 &:= 1^6 + 3^6 + 21^1 + 22^0 + 27^0 = 16 + 36 + 211 + 220 + 270 \\
 753 &:= 1^6 + 3^6 + 21^1 + 23^0 + 26^0 = 16 + 36 + 211 + 230 + 260 \\
 753 &:= 1^6 + 3^6 + 21^1 + 24^0 + 25^0 = 16 + 36 + 211 + 240 + 250 \\
 753 &:= 1^8 + 10^0 + 14^2 + 23^2 + 26^1 = 18 + 100 + 142 + 232 + 261 \\
 753 &:= 1^8 + 10^2 + 12^0 + 25^2 + 26^1 = 18 + 102 + 120 + 252 + 261 \\
 753 &:= 1^8 + 11^1 + 16^2 + 22^2 + 24^0 = 18 + 111 + 162 + 222 + 240
 \end{aligned}$$

$$\begin{aligned}753 &:= 1^8 + 14^0 + 17^2 + 21^1 + 21^2 = 18 + 140 + 172 + 211 + 212 \\753 &:= 1^8 + 2^2 + 18^1 + 26^0 + 27^2 = 18 + 22 + 181 + 260 + 272 \\753 &:= 1^8 + 5^3 + 16^0 + 25^2 + 27^0 = 18 + 53 + 160 + 252 + 270 \\753 &:= 1^8 + 5^3 + 17^0 + 25^2 + 26^0 = 18 + 53 + 170 + 252 + 260 \\753 &:= 1^8 + 5^3 + 18^0 + 25^0 + 25^2 = 18 + 53 + 180 + 250 + 252 \\753 &:= 1^8 + 5^3 + 19^0 + 24^0 + 25^2 = 18 + 53 + 190 + 240 + 252 \\753 &:= 1^8 + 5^3 + 20^0 + 23^0 + 25^2 = 18 + 53 + 200 + 230 + 252 \\753 &:= 1^8 + 5^3 + 21^0 + 22^0 + 25^2 = 18 + 53 + 210 + 220 + 252 \\753 &:= 1^8 + 7^2 + 14^0 + 26^1 + 26^2 = 18 + 72 + 140 + 261 + 262 \\753 &:= 1^8 + 8^0 + 18^2 + 20^2 + 27^1 = 18 + 80 + 182 + 202 + 271 \\753 &:= 1^9 + 10^1 + 12^1 + 24^0 + 27^2 = 19 + 101 + 121 + 240 + 272 \\753 &:= 1^9 + 11^1 + 11^1 + 24^0 + 27^2 = 19 + 111 + 111 + 240 + 272 \\753 &:= 1^9 + 2^1 + 20^1 + 24^0 + 27^2 = 19 + 21 + 201 + 240 + 272 \\753 &:= 1^9 + 3^1 + 19^1 + 24^0 + 27^2 = 19 + 31 + 191 + 240 + 272 \\753 &:= 1^9 + 4^1 + 18^1 + 24^0 + 27^2 = 19 + 41 + 181 + 240 + 272 \\753 &:= 1^9 + 5^1 + 17^1 + 24^0 + 27^2 = 19 + 51 + 171 + 240 + 272 \\753 &:= 1^9 + 6^1 + 16^1 + 24^0 + 27^2 = 19 + 61 + 161 + 240 + 272 \\753 &:= 1^9 + 7^1 + 15^1 + 24^0 + 27^2 = 19 + 71 + 151 + 240 + 272 \\753 &:= 1^9 + 8^1 + 14^1 + 24^0 + 27^2 = 19 + 81 + 141 + 240 + 272 \\753 &:= 1^9 + 9^1 + 13^1 + 24^0 + 27^2 = 19 + 91 + 131 + 240 + 272 \\753 &:= 1^9 + 9^3 + 16^0 + 21^1 + 27^0 = 19 + 93 + 160 + 211 + 270 \\753 &:= 1^9 + 9^3 + 17^0 + 21^1 + 26^0 = 19 + 93 + 170 + 211 + 260 \\753 &:= 1^9 + 9^3 + 18^0 + 21^1 + 25^0 = 19 + 93 + 180 + 211 + 250 \\753 &:= 1^9 + 9^3 + 19^0 + 21^1 + 24^0 = 19 + 93 + 190 + 211 + 240 \\753 &:= 1^9 + 9^3 + 20^0 + 21^1 + 23^0 = 19 + 93 + 200 + 211 + 230 \\753 &:= 1^9 + 9^3 + 21^0 + 21^1 + 22^0 = 19 + 93 + 210 + 211 + 220 \\753 &:= 2^0 + 10^0 + 15^0 + 21^1 + 27^2 = 20 + 100 + 150 + 211 + 272 \\753 &:= 2^0 + 11^0 + 14^0 + 21^1 + 27^2 = 20 + 110 + 140 + 211 + 272 \\753 &:= 2^0 + 12^0 + 13^0 + 21^1 + 27^2 = 20 + 120 + 130 + 211 + 272 \\753 &:= 2^0 + 2^0 + 21^1 + 23^0 + 27^2 = 20 + 20 + 211 + 230 + 272 \\753 &:= 2^0 + 3^0 + 21^1 + 22^0 + 27^2 = 20 + 30 + 211 + 220 + 272 \\753 &:= 2^0 + 4^0 + 21^0 + 21^1 + 27^2 = 20 + 40 + 210 + 211 + 272 \\753 &:= 2^0 + 5^0 + 20^0 + 21^1 + 27^2 = 20 + 50 + 200 + 211 + 272 \\753 &:= 2^0 + 6^0 + 19^0 + 21^1 + 27^2 = 20 + 60 + 190 + 211 + 272 \\753 &:= 2^0 + 7^0 + 18^0 + 21^1 + 27^2 = 20 + 70 + 180 + 211 + 272 \\753 &:= 2^0 + 8^0 + 17^0 + 21^1 + 27^2 = 20 + 80 + 170 + 211 + 272 \\753 &:= 2^0 + 9^0 + 16^0 + 21^1 + 27^2 = 20 + 90 + 160 + 211 + 272 \\753 &:= 2^7 + 3^3 + 21^1 + 24^0 + 24^2 = 27 + 33 + 211 + 240 + 242\end{aligned}$$

$$\begin{aligned}753 &:= 2^7 + 7^3 + 16^2 + 24^0 + 25^1 = 27 + 73 + 162 + 240 + 251 \\753 &:= 2^8 + 15^1 + 15^2 + 16^2 + 26^0 = 28 + 151 + 152 + 162 + 260 \\753 &:= 2^8 + 6^2 + 19^1 + 21^2 + 26^0 = 28 + 62 + 191 + 212 + 260 \\753 &:= 2^9 + 14^0 + 14^2 + 17^1 + 27^1 = 29 + 140 + 142 + 171 + 271 \\753 &:= 2^9 + 14^0 + 14^2 + 18^1 + 26^1 = 29 + 140 + 142 + 181 + 261 \\753 &:= 2^9 + 14^0 + 14^2 + 19^1 + 25^1 = 29 + 140 + 142 + 191 + 251 \\753 &:= 2^9 + 14^0 + 14^2 + 20^1 + 24^1 = 29 + 140 + 142 + 201 + 241 \\753 &:= 2^9 + 14^0 + 14^2 + 21^1 + 23^1 = 29 + 140 + 142 + 211 + 231 \\753 &:= 2^9 + 14^0 + 14^2 + 22^1 + 22^1 = 29 + 140 + 142 + 221 + 221 \\753 &:= 2^9 + 6^3 + 16^0 + 23^1 + 27^0 = 29 + 63 + 160 + 231 + 270 \\753 &:= 2^9 + 6^3 + 17^0 + 23^1 + 26^0 = 29 + 63 + 170 + 231 + 260 \\753 &:= 2^9 + 6^3 + 18^0 + 23^1 + 25^0 = 29 + 63 + 180 + 231 + 250 \\753 &:= 2^9 + 6^3 + 19^0 + 23^1 + 24^0 = 29 + 63 + 190 + 231 + 240 \\753 &:= 2^9 + 6^3 + 20^0 + 23^0 + 23^1 = 29 + 63 + 200 + 230 + 231 \\753 &:= 2^9 + 6^3 + 21^0 + 22^0 + 23^1 = 29 + 63 + 210 + 220 + 231 \\753 &:= 3^0 + 10^0 + 14^0 + 21^1 + 27^2 = 30 + 100 + 140 + 211 + 272 \\753 &:= 3^0 + 11^0 + 13^0 + 21^1 + 27^2 = 30 + 110 + 130 + 211 + 272 \\753 &:= 3^0 + 12^0 + 12^0 + 21^1 + 27^2 = 30 + 120 + 120 + 211 + 272 \\753 &:= 3^0 + 3^0 + 21^0 + 21^1 + 27^2 = 30 + 30 + 210 + 211 + 272 \\753 &:= 3^0 + 4^0 + 20^0 + 21^1 + 27^2 = 30 + 40 + 200 + 211 + 272 \\753 &:= 3^0 + 5^0 + 19^0 + 21^1 + 27^2 = 30 + 50 + 190 + 211 + 272 \\753 &:= 3^0 + 6^0 + 18^0 + 21^1 + 27^2 = 30 + 60 + 180 + 211 + 272 \\753 &:= 3^0 + 7^0 + 17^0 + 21^1 + 27^2 = 30 + 70 + 170 + 211 + 272 \\753 &:= 3^0 + 8^0 + 16^0 + 21^1 + 27^2 = 30 + 80 + 160 + 211 + 272 \\753 &:= 3^0 + 9^0 + 15^0 + 21^1 + 27^2 = 30 + 90 + 150 + 211 + 272 \\753 &:= 4^0 + 10^0 + 13^0 + 21^1 + 27^2 = 40 + 100 + 130 + 211 + 272 \\753 &:= 4^0 + 11^0 + 12^0 + 21^1 + 27^2 = 40 + 110 + 120 + 211 + 272 \\753 &:= 4^0 + 4^0 + 19^0 + 21^1 + 27^2 = 40 + 40 + 190 + 211 + 272 \\753 &:= 4^0 + 5^0 + 18^0 + 21^1 + 27^2 = 40 + 50 + 180 + 211 + 272 \\753 &:= 4^0 + 6^0 + 17^0 + 21^1 + 27^2 = 40 + 60 + 170 + 211 + 272 \\753 &:= 4^0 + 7^0 + 16^0 + 21^1 + 27^2 = 40 + 70 + 160 + 211 + 272 \\753 &:= 4^0 + 8^0 + 15^0 + 21^1 + 27^2 = 40 + 80 + 150 + 211 + 272 \\753 &:= 4^0 + 9^0 + 14^0 + 21^1 + 27^2 = 40 + 90 + 140 + 211 + 272 \\753 &:= 5^0 + 10^0 + 12^0 + 21^1 + 27^2 = 50 + 100 + 120 + 211 + 272 \\753 &:= 5^0 + 11^0 + 11^0 + 21^1 + 27^2 = 50 + 110 + 110 + 211 + 272 \\753 &:= 5^0 + 5^0 + 17^0 + 21^1 + 27^2 = 50 + 50 + 170 + 211 + 272 \\753 &:= 5^0 + 6^0 + 16^0 + 21^1 + 27^2 = 50 + 60 + 160 + 211 + 272 \\753 &:= 5^0 + 7^0 + 15^0 + 21^1 + 27^2 = 50 + 70 + 150 + 211 + 272\end{aligned}$$

$$\begin{aligned}
 753 &:= 5^0 + 8^0 + 14^0 + 21^1 + 27^2 = 50 + 80 + 140 + 211 + 272 \\
 753 &:= 5^0 + 9^0 + 13^0 + 21^1 + 27^2 = 50 + 90 + 130 + 211 + 272 \\
 753 &:= 6^0 + 10^0 + 11^0 + 21^1 + 27^2 = 60 + 100 + 110 + 211 + 272 \\
 753 &:= 6^0 + 6^0 + 15^0 + 21^1 + 27^2 = 60 + 60 + 150 + 211 + 272 \\
 753 &:= 6^0 + 7^0 + 14^0 + 21^1 + 27^2 = 60 + 70 + 140 + 211 + 272 \\
 753 &:= 6^0 + 8^0 + 13^0 + 21^1 + 27^2 = 60 + 80 + 130 + 211 + 272 \\
 753 &:= 6^0 + 9^0 + 12^0 + 21^1 + 27^2 = 60 + 90 + 120 + 211 + 272 \\
 753 &:= 7^0 + 10^0 + 10^0 + 21^1 + 27^2 = 70 + 100 + 100 + 211 + 272
 \end{aligned}$$

$$\begin{aligned}
 753 &:= 7^0 + 7^0 + 13^0 + 21^1 + 27^2 = 70 + 70 + 130 + 211 + 272 \\
 753 &:= 7^0 + 8^0 + 12^0 + 21^1 + 27^2 = 70 + 80 + 120 + 211 + 272 \\
 753 &:= 7^0 + 9^0 + 11^0 + 21^1 + 27^2 = 70 + 90 + 110 + 211 + 272 \\
 753 &:= 8^0 + 8^0 + 11^0 + 21^1 + 27^2 = 80 + 80 + 110 + 211 + 272 \\
 753 &:= 8^0 + 9^0 + 10^0 + 21^1 + 27^2 = 80 + 90 + 100 + 211 + 272 \\
 753 &:= 9^0 + 9^0 + 9^0 + 21^1 + 27^2 = 90 + 90 + 90 + 211 + 272
 \end{aligned}$$

2.2.655 Number 754

$$\begin{aligned}
 754 &:= 9^3 + 24^1 + 42^0 = 93 + 241 + 420 \\
 754 &:= 1^0 + 9^3 + 23^1 + 42^0 = 10 + 93 + 231 + 420 \\
 754 &:= 1^1 + 23^1 + 24^0 + 27^2 = 11 + 231 + 240 + 272 \\
 754 &:= 1^6 + 2^5 + 26^2 + 45^1 = 16 + 25 + 262 + 451 \\
 754 &:= 1^6 + 4^3 + 5^4 + 64^1 = 16 + 43 + 54 + 641 \\
 754 &:= 1^7 + 3^6 + 23^1 + 47^0 = 17 + 36 + 231 + 470 \\
 754 &:= 1^9 + 6^2 + 26^2 + 41^1 = 19 + 62 + 262 + 411 \\
 754 &:= 10^1 + 14^1 + 24^0 + 27^2 = 101 + 141 + 240 + 272 \\
 754 &:= 11^1 + 13^1 + 24^0 + 27^2 = 111 + 131 + 240 + 272 \\
 754 &:= 12^1 + 12^1 + 24^0 + 27^2 = 121 + 121 + 240 + 272 \\
 754 &:= 2^0 + 9^3 + 23^1 + 41^0 = 20 + 93 + 231 + 410 \\
 754 &:= 2^1 + 22^1 + 24^0 + 27^2 = 21 + 221 + 240 + 272 \\
 754 &:= 2^3 + 2^8 + 21^2 + 49^1 = 23 + 28 + 212 + 491 \\
 754 &:= 2^6 + 2^6 + 25^2 + 45^0 = 26 + 26 + 252 + 450 \\
 754 &:= 2^8 + 5^3 + 18^2 + 49^1 = 28 + 53 + 182 + 491 \\
 754 &:= 2^8 + 7^3 + 10^2 + 55^1 = 28 + 73 + 102 + 551 \\
 754 &:= 2^9 + 5^2 + 6^3 + 61^0 = 29 + 52 + 63 + 610 \\
 754 &:= 3^0 + 9^3 + 23^1 + 40^0 = 30 + 93 + 231 + 400 \\
 754 &:= 3^1 + 21^1 + 24^0 + 27^2 = 31 + 211 + 240 + 272 \\
 754 &:= 4^0 + 9^3 + 23^1 + 39^0 = 40 + 93 + 231 + 390 \\
 754 &:= 4^1 + 20^1 + 24^0 + 27^2 = 41 + 201 + 240 + 272 \\
 754 &:= 5^0 + 9^3 + 23^1 + 38^0 = 50 + 93 + 231 + 380 \\
 754 &:= 5^1 + 19^1 + 24^0 + 27^2 = 51 + 191 + 240 + 272 \\
 754 &:= 6^0 + 9^3 + 23^1 + 37^0 = 60 + 93 + 231 + 370 \\
 754 &:= 6^1 + 18^1 + 24^0 + 27^2 = 61 + 181 + 240 + 272 \\
 754 &:= 7^0 + 9^3 + 23^1 + 36^0 = 70 + 93 + 231 + 360 \\
 754 &:= 7^1 + 17^1 + 24^0 + 27^2 = 71 + 171 + 240 + 272 \\
 754 &:= 8^0 + 9^3 + 23^1 + 35^0 = 80 + 93 + 231 + 350
 \end{aligned}$$

$$\begin{aligned}
 754 &:= 8^1 + 16^1 + 24^0 + 27^2 = 81 + 161 + 240 + 272 \\
 754 &:= 9^0 + 9^3 + 23^1 + 34^0 = 90 + 93 + 231 + 340 \\
 754 &:= 9^1 + 15^1 + 24^0 + 27^2 = 91 + 151 + 240 + 272 \\
 754 &:= 9^3 + 10^0 + 23^1 + 33^0 = 93 + 100 + 231 + 330 \\
 754 &:= 9^3 + 11^0 + 23^1 + 32^0 = 93 + 110 + 231 + 320 \\
 754 &:= 9^3 + 12^0 + 23^1 + 31^0 = 93 + 120 + 231 + 310 \\
 754 &:= 9^3 + 13^0 + 23^1 + 30^0 = 93 + 130 + 231 + 300 \\
 754 &:= 9^3 + 14^0 + 23^1 + 29^0 = 93 + 140 + 231 + 290 \\
 754 &:= 9^3 + 15^0 + 23^1 + 28^0 = 93 + 150 + 231 + 280 \\
 754 &:= 9^3 + 16^0 + 23^1 + 27^0 = 93 + 160 + 231 + 270 \\
 754 &:= 9^3 + 17^0 + 23^1 + 26^0 = 93 + 170 + 231 + 260 \\
 754 &:= 9^3 + 18^0 + 23^1 + 25^0 = 93 + 180 + 231 + 250 \\
 754 &:= 9^3 + 19^0 + 23^1 + 24^0 = 93 + 190 + 231 + 240 \\
 754 &:= 9^3 + 20^0 + 23^0 + 23^1 = 93 + 200 + 230 + 231 \\
 754 &:= 9^3 + 21^0 + 22^0 + 23^1 = 93 + 210 + 220 + 231 \\
 754 &:= 1^0 + 1^1 + 22^1 + 24^0 + 27^2 = 10 + 11 + 221 + 240 + 272 \\
 754 &:= 1^0 + 10^1 + 13^1 + 24^0 + 27^2 = 10 + 101 + 131 + 240 + 272 \\
 754 &:= 1^0 + 11^1 + 12^1 + 24^0 + 27^2 = 10 + 111 + 121 + 240 + 272 \\
 754 &:= 1^0 + 2^1 + 21^1 + 24^0 + 27^2 = 10 + 21 + 211 + 240 + 272 \\
 754 &:= 1^0 + 3^1 + 20^1 + 24^0 + 27^2 = 10 + 31 + 201 + 240 + 272 \\
 754 &:= 1^0 + 4^1 + 19^1 + 24^0 + 27^2 = 10 + 41 + 191 + 240 + 272 \\
 754 &:= 1^0 + 5^1 + 18^1 + 24^0 + 27^2 = 10 + 51 + 181 + 240 + 272 \\
 754 &:= 1^0 + 6^1 + 17^1 + 24^0 + 27^2 = 10 + 61 + 171 + 240 + 272 \\
 754 &:= 1^0 + 7^1 + 16^1 + 24^0 + 27^2 = 10 + 71 + 161 + 240 + 272 \\
 754 &:= 1^0 + 8^1 + 15^1 + 24^0 + 27^2 = 10 + 81 + 151 + 240 + 272 \\
 754 &:= 1^0 + 9^1 + 14^1 + 24^0 + 27^2 = 10 + 91 + 141 + 240 + 272 \\
 754 &:= 1^0 + 9^3 + 16^0 + 22^1 + 27^0 = 10 + 93 + 160 + 221 + 270 \\
 754 &:= 1^0 + 9^3 + 17^0 + 22^1 + 26^0 = 10 + 93 + 170 + 221 + 260
 \end{aligned}$$

$$\begin{aligned} 754 &:= 1^0 + 9^3 + 18^0 + 22^1 + 25^0 = 10 + 93 + 180 + 221 + 250 & 754 &:= 1^9 + 12^1 + 16^2 + 22^2 + 23^0 = 19 + 121 + 162 + 222 + 230 \\ 754 &:= 1^0 + 9^3 + 19^0 + 22^1 + 24^0 = 10 + 93 + 190 + 221 + 240 & 754 &:= 1^9 + 13^0 + 17^2 + 21^2 + 22^1 = 19 + 130 + 172 + 212 + 221 \\ 754 &:= 1^0 + 9^3 + 20^0 + 22^1 + 23^0 = 10 + 93 + 200 + 221 + 230 & 754 &:= 1^9 + 2^2 + 19^1 + 25^0 + 27^2 = 19 + 22 + 191 + 250 + 272 \\ 754 &:= 1^0 + 9^3 + 21^0 + 22^0 + 22^1 = 10 + 93 + 210 + 220 + 221 & 754 &:= 1^9 + 7^2 + 13^0 + 26^2 + 27^1 = 19 + 72 + 130 + 262 + 271 \\ 754 &:= 1^1 + 10^0 + 15^0 + 22^1 + 27^2 = 11 + 100 + 150 + 221 + 272 & 754 &:= 1^9 + 8^2 + 12^1 + 26^2 + 27^0 = 19 + 82 + 121 + 262 + 270 \\ 754 &:= 1^1 + 11^0 + 14^0 + 22^1 + 27^2 = 11 + 110 + 140 + 221 + 272 & 754 &:= 1^9 + 9^0 + 14^2 + 23^2 + 27^1 = 19 + 90 + 142 + 232 + 271 \\ 754 &:= 1^1 + 12^0 + 13^0 + 22^1 + 27^2 = 11 + 120 + 130 + 221 + 272 & 754 &:= 10^0 + 10^1 + 13^1 + 15^0 + 27^2 = 100 + 101 + 131 + 150 + 272 \\ 754 &:= 1^1 + 2^0 + 22^1 + 23^0 + 27^2 = 11 + 20 + 221 + 230 + 272 & 754 &:= 10^0 + 11^1 + 12^1 + 15^0 + 27^2 = 100 + 111 + 121 + 150 + 272 \\ 754 &:= 1^1 + 3^0 + 22^0 + 22^1 + 27^2 = 11 + 30 + 220 + 221 + 272 & 754 &:= 10^1 + 11^0 + 13^1 + 14^0 + 27^2 = 101 + 110 + 131 + 140 + 272 \\ 754 &:= 1^1 + 4^0 + 21^0 + 22^1 + 27^2 = 11 + 40 + 210 + 221 + 272 & 754 &:= 10^1 + 12^0 + 13^0 + 13^1 + 27^2 = 101 + 120 + 130 + 131 + 272 \\ 754 &:= 1^1 + 5^0 + 20^0 + 22^1 + 27^2 = 11 + 50 + 200 + 221 + 272 & 754 &:= 11^0 + 11^1 + 12^1 + 14^0 + 27^2 = 110 + 111 + 121 + 140 + 272 \\ 754 &:= 1^1 + 6^0 + 19^0 + 22^1 + 27^2 = 11 + 60 + 190 + 221 + 272 & 754 &:= 11^1 + 12^0 + 12^1 + 13^0 + 27^2 = 111 + 120 + 121 + 130 + 272 \\ 754 &:= 1^1 + 7^0 + 18^0 + 22^1 + 27^2 = 11 + 70 + 180 + 221 + 272 & 754 &:= 2^0 + 10^1 + 13^1 + 23^0 + 27^2 = 20 + 101 + 131 + 230 + 272 \\ 754 &:= 1^1 + 8^0 + 17^0 + 22^1 + 27^2 = 11 + 80 + 170 + 221 + 272 & 754 &:= 2^0 + 11^1 + 12^1 + 23^0 + 27^2 = 20 + 111 + 121 + 230 + 272 \\ 754 &:= 1^1 + 9^0 + 16^0 + 22^1 + 27^2 = 11 + 90 + 160 + 221 + 272 & 754 &:= 2^0 + 2^1 + 21^1 + 23^0 + 27^2 = 20 + 21 + 211 + 230 + 272 \\ 754 &:= 1^2 + 1^9 + 22^1 + 23^0 + 27^2 = 12 + 19 + 221 + 230 + 272 & 754 &:= 2^0 + 3^1 + 20^1 + 23^0 + 27^2 = 20 + 31 + 201 + 230 + 272 \\ 754 &:= 1^3 + 1^8 + 22^1 + 23^0 + 27^2 = 13 + 18 + 221 + 230 + 272 & 754 &:= 2^0 + 4^1 + 19^1 + 23^0 + 27^2 = 20 + 41 + 191 + 230 + 272 \\ 754 &:= 1^4 + 1^7 + 22^1 + 23^0 + 27^2 = 14 + 17 + 221 + 230 + 272 & 754 &:= 2^0 + 5^1 + 18^1 + 23^0 + 27^2 = 20 + 51 + 181 + 230 + 272 \\ 754 &:= 1^5 + 1^6 + 22^1 + 23^0 + 27^2 = 15 + 16 + 221 + 230 + 272 & 754 &:= 2^0 + 6^1 + 17^1 + 23^0 + 27^2 = 20 + 61 + 171 + 230 + 272 \\ 754 &:= 1^5 + 2^5 + 18^1 + 26^2 + 27^1 = 15 + 25 + 181 + 262 + 271 & 754 &:= 2^0 + 7^1 + 16^1 + 23^0 + 27^2 = 20 + 71 + 161 + 230 + 272 \\ 754 &:= 1^5 + 2^5 + 19^1 + 26^1 + 26^2 = 15 + 25 + 191 + 261 + 262 & 754 &:= 2^0 + 8^1 + 15^1 + 23^0 + 27^2 = 20 + 81 + 151 + 230 + 272 \\ 754 &:= 1^5 + 2^5 + 20^1 + 25^1 + 26^2 = 15 + 25 + 201 + 251 + 262 & 754 &:= 2^0 + 9^1 + 14^1 + 23^0 + 27^2 = 20 + 91 + 141 + 230 + 272 \\ 754 &:= 1^5 + 2^5 + 21^1 + 24^1 + 26^2 = 15 + 25 + 211 + 241 + 262 & 754 &:= 2^0 + 9^3 + 15^0 + 22^1 + 27^0 = 20 + 93 + 150 + 221 + 270 \\ 754 &:= 1^5 + 2^5 + 22^1 + 23^1 + 26^2 = 15 + 25 + 221 + 231 + 262 & 754 &:= 2^0 + 9^3 + 16^0 + 22^1 + 26^0 = 20 + 93 + 160 + 221 + 260 \\ 754 &:= 1^6 + 3^5 + 22^2 + 23^0 + 25^1 = 16 + 35 + 222 + 230 + 251 & 754 &:= 2^0 + 9^3 + 17^0 + 22^1 + 25^0 = 20 + 93 + 170 + 221 + 250 \\ 754 &:= 1^7 + 13^2 + 14^2 + 19^2 + 27^1 = 17 + 132 + 142 + 192 + 271 & 754 &:= 2^0 + 9^3 + 18^0 + 22^1 + 24^0 = 20 + 93 + 180 + 221 + 240 \\ 754 &:= 1^7 + 3^6 + 21^0 + 22^1 + 27^0 = 17 + 36 + 210 + 221 + 270 & 754 &:= 2^0 + 9^3 + 19^0 + 22^1 + 23^0 = 20 + 93 + 190 + 221 + 230 \\ 754 &:= 1^7 + 3^6 + 22^0 + 22^1 + 26^0 = 17 + 36 + 220 + 221 + 260 & 754 &:= 2^0 + 9^3 + 20^0 + 22^0 + 22^1 = 20 + 93 + 200 + 220 + 221 \\ 754 &:= 1^7 + 3^6 + 22^1 + 23^0 + 25^0 = 17 + 36 + 221 + 230 + 250 & 754 &:= 2^0 + 9^3 + 21^0 + 21^0 + 22^1 = 20 + 93 + 210 + 210 + 221 \\ 754 &:= 1^7 + 3^6 + 22^1 + 24^0 + 24^0 = 17 + 36 + 221 + 240 + 240 & 754 &:= 2^1 + 10^0 + 15^0 + 21^1 + 27^2 = 21 + 100 + 150 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 14^1 + 26^2 + 27^1 = 18 + 62 + 141 + 262 + 271 & 754 &:= 2^1 + 11^0 + 14^0 + 21^1 + 27^2 = 21 + 110 + 140 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 15^1 + 26^1 + 26^2 = 18 + 62 + 151 + 261 + 262 & 754 &:= 2^1 + 12^0 + 13^0 + 21^1 + 27^2 = 21 + 120 + 130 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 16^1 + 25^1 + 26^2 = 18 + 62 + 161 + 251 + 262 & 754 &:= 2^1 + 3^0 + 21^1 + 22^0 + 27^2 = 21 + 30 + 211 + 220 + 272 \\ 754 &:= 1^8 + 6^2 + 17^1 + 24^1 + 26^2 = 18 + 62 + 171 + 241 + 262 & 754 &:= 2^1 + 4^0 + 21^0 + 21^1 + 27^2 = 21 + 40 + 210 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 18^1 + 23^1 + 26^2 = 18 + 62 + 181 + 231 + 262 & 754 &:= 2^1 + 5^0 + 20^0 + 21^1 + 27^2 = 21 + 50 + 200 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 19^1 + 22^1 + 26^2 = 18 + 62 + 191 + 221 + 262 & 754 &:= 2^1 + 6^0 + 19^0 + 21^1 + 27^2 = 21 + 60 + 190 + 211 + 272 \\ 754 &:= 1^8 + 6^2 + 20^1 + 21^1 + 26^2 = 18 + 62 + 201 + 211 + 262 & 754 &:= 2^1 + 7^0 + 18^0 + 21^1 + 27^2 = 21 + 70 + 180 + 211 + 272 \\ 754 &:= 1^9 + 10^2 + 11^0 + 25^2 + 27^1 = 19 + 102 + 110 + 252 + 271 & 754 &:= 2^1 + 8^0 + 17^0 + 21^1 + 27^2 = 21 + 80 + 170 + 211 + 272 \end{aligned}$$

$$\begin{aligned} 754 &:= 2^1 + 9^0 + 16^0 + 21^1 + 27^2 = 21 + 90 + 160 + 211 + 272 & 754 &:= 4^0 + 9^1 + 14^1 + 21^0 + 27^2 = 40 + 91 + 141 + 210 + 272 \\ 754 &:= 2^8 + 3^2 + 21^1 + 21^2 + 27^1 = 28 + 32 + 211 + 212 + 271 & 754 &:= 4^0 + 9^3 + 13^0 + 22^1 + 27^0 = 40 + 93 + 130 + 221 + 270 \\ 754 &:= 2^8 + 3^2 + 21^2 + 22^1 + 26^1 = 28 + 32 + 212 + 221 + 261 & 754 &:= 4^0 + 9^3 + 14^0 + 22^1 + 26^0 = 40 + 93 + 140 + 221 + 260 \\ 754 &:= 2^8 + 3^2 + 21^2 + 23^1 + 25^1 = 28 + 32 + 212 + 231 + 251 & 754 &:= 4^0 + 9^3 + 15^0 + 22^1 + 25^0 = 40 + 93 + 150 + 221 + 250 \\ 754 &:= 2^8 + 3^2 + 21^2 + 24^1 + 24^1 = 28 + 32 + 212 + 241 + 241 & 754 &:= 4^0 + 9^3 + 16^0 + 22^1 + 24^0 = 40 + 93 + 160 + 221 + 240 \\ 754 &:= 2^8 + 6^3 + 16^2 + 25^0 + 25^1 = 28 + 63 + 162 + 250 + 251 & 754 &:= 4^0 + 9^3 + 17^0 + 22^1 + 23^0 = 40 + 93 + 170 + 221 + 230 \\ 754 &:= 3^0 + 10^1 + 13^1 + 22^0 + 27^2 = 30 + 101 + 131 + 220 + 272 & 754 &:= 4^0 + 9^3 + 18^0 + 22^0 + 22^1 = 40 + 93 + 180 + 220 + 221 \\ 754 &:= 3^0 + 11^1 + 12^1 + 22^0 + 27^2 = 30 + 111 + 121 + 220 + 272 & 754 &:= 4^0 + 9^3 + 19^0 + 21^0 + 22^1 = 40 + 93 + 190 + 210 + 221 \\ 754 &:= 3^0 + 3^1 + 20^1 + 22^0 + 27^2 = 30 + 31 + 201 + 220 + 272 & 754 &:= 4^0 + 9^3 + 20^0 + 20^0 + 22^1 = 40 + 93 + 200 + 200 + 221 \\ 754 &:= 3^0 + 4^1 + 19^1 + 22^0 + 27^2 = 30 + 41 + 191 + 220 + 272 & 754 &:= 4^1 + 10^0 + 15^0 + 19^1 + 27^2 = 41 + 100 + 150 + 191 + 272 \\ 754 &:= 3^0 + 5^1 + 18^1 + 22^0 + 27^2 = 30 + 51 + 181 + 220 + 272 & 754 &:= 4^1 + 11^0 + 14^0 + 19^1 + 27^2 = 41 + 110 + 140 + 191 + 272 \\ 754 &:= 3^0 + 6^1 + 17^1 + 22^0 + 27^2 = 30 + 61 + 171 + 220 + 272 & 754 &:= 4^1 + 12^0 + 13^0 + 19^1 + 27^2 = 41 + 120 + 130 + 191 + 272 \\ 754 &:= 3^0 + 7^1 + 16^1 + 22^0 + 27^2 = 30 + 71 + 161 + 220 + 272 & 754 &:= 4^1 + 5^0 + 19^1 + 20^0 + 27^2 = 41 + 50 + 191 + 200 + 272 \\ 754 &:= 3^0 + 8^1 + 15^1 + 22^0 + 27^2 = 30 + 81 + 151 + 220 + 272 & 754 &:= 4^1 + 6^0 + 19^0 + 19^1 + 27^2 = 41 + 60 + 190 + 191 + 272 \\ 754 &:= 3^0 + 9^1 + 14^1 + 22^0 + 27^2 = 30 + 91 + 141 + 220 + 272 & 754 &:= 4^1 + 7^0 + 18^0 + 19^1 + 27^2 = 41 + 70 + 180 + 191 + 272 \\ 754 &:= 3^0 + 9^3 + 14^0 + 22^1 + 27^0 = 30 + 93 + 140 + 221 + 270 & 754 &:= 4^1 + 8^0 + 17^0 + 19^1 + 27^2 = 41 + 80 + 170 + 191 + 272 \\ 754 &:= 3^0 + 9^3 + 15^0 + 22^1 + 26^0 = 30 + 93 + 150 + 221 + 260 & 754 &:= 4^1 + 9^0 + 16^0 + 19^1 + 27^2 = 41 + 90 + 160 + 191 + 272 \\ 754 &:= 3^0 + 9^3 + 16^0 + 22^1 + 25^0 = 30 + 93 + 160 + 221 + 250 & 754 &:= 5^0 + 10^1 + 13^1 + 20^0 + 27^2 = 50 + 101 + 131 + 200 + 272 \\ 754 &:= 3^0 + 9^3 + 17^0 + 22^1 + 24^0 = 30 + 93 + 170 + 221 + 240 & 754 &:= 5^0 + 11^1 + 12^1 + 20^0 + 27^2 = 50 + 111 + 121 + 200 + 272 \\ 754 &:= 3^0 + 9^3 + 18^0 + 22^1 + 23^0 = 30 + 93 + 180 + 221 + 230 & 754 &:= 5^0 + 5^1 + 18^1 + 20^0 + 27^2 = 50 + 51 + 181 + 200 + 272 \\ 754 &:= 3^0 + 9^3 + 19^0 + 22^0 + 22^1 = 30 + 93 + 190 + 220 + 221 & 754 &:= 5^0 + 6^1 + 17^1 + 20^0 + 27^2 = 50 + 61 + 171 + 200 + 272 \\ 754 &:= 3^0 + 9^3 + 20^0 + 21^0 + 22^1 = 30 + 93 + 200 + 210 + 221 & 754 &:= 5^0 + 7^1 + 16^1 + 20^0 + 27^2 = 50 + 71 + 161 + 200 + 272 \\ 754 &:= 3^1 + 10^0 + 15^0 + 20^1 + 27^2 = 31 + 100 + 150 + 201 + 272 & 754 &:= 5^0 + 8^1 + 15^1 + 20^0 + 27^2 = 50 + 81 + 151 + 200 + 272 \\ 754 &:= 3^1 + 11^0 + 14^0 + 20^1 + 27^2 = 31 + 110 + 140 + 201 + 272 & 754 &:= 5^0 + 9^1 + 14^1 + 20^0 + 27^2 = 50 + 91 + 141 + 200 + 272 \\ 754 &:= 3^1 + 12^0 + 13^0 + 20^1 + 27^2 = 31 + 120 + 130 + 201 + 272 & 754 &:= 5^0 + 9^3 + 12^0 + 22^1 + 27^0 = 50 + 93 + 120 + 221 + 270 \\ 754 &:= 3^1 + 4^0 + 20^1 + 21^0 + 27^2 = 31 + 40 + 201 + 210 + 272 & 754 &:= 5^0 + 9^3 + 13^0 + 22^1 + 26^0 = 50 + 93 + 130 + 221 + 260 \\ 754 &:= 3^1 + 5^0 + 20^0 + 20^1 + 27^2 = 31 + 50 + 200 + 201 + 272 & 754 &:= 5^0 + 9^3 + 14^0 + 22^1 + 25^0 = 50 + 93 + 140 + 221 + 250 \\ 754 &:= 3^1 + 6^0 + 19^0 + 20^1 + 27^2 = 31 + 60 + 190 + 201 + 272 & 754 &:= 5^0 + 9^3 + 15^0 + 22^1 + 24^0 = 50 + 93 + 150 + 221 + 240 \\ 754 &:= 3^1 + 7^0 + 18^0 + 20^1 + 27^2 = 31 + 70 + 180 + 201 + 272 & 754 &:= 5^0 + 9^3 + 16^0 + 22^1 + 23^0 = 50 + 93 + 160 + 221 + 230 \\ 754 &:= 3^1 + 8^0 + 17^0 + 20^1 + 27^2 = 31 + 80 + 170 + 201 + 272 & 754 &:= 5^0 + 9^3 + 17^0 + 22^0 + 22^1 = 50 + 93 + 170 + 220 + 221 \\ 754 &:= 3^1 + 9^0 + 16^0 + 20^1 + 27^2 = 31 + 90 + 160 + 201 + 272 & 754 &:= 5^0 + 9^3 + 18^0 + 21^0 + 22^1 = 50 + 93 + 180 + 210 + 221 \\ 754 &:= 4^0 + 10^1 + 13^1 + 21^0 + 27^2 = 40 + 101 + 131 + 210 + 272 & 754 &:= 5^0 + 9^3 + 19^0 + 20^0 + 22^1 = 50 + 93 + 190 + 200 + 221 \\ 754 &:= 4^0 + 11^1 + 12^1 + 21^0 + 27^2 = 40 + 111 + 121 + 210 + 272 & 754 &:= 5^1 + 10^0 + 15^0 + 18^1 + 27^2 = 51 + 100 + 150 + 181 + 272 \\ 754 &:= 4^0 + 4^1 + 19^1 + 21^0 + 27^2 = 40 + 41 + 191 + 210 + 272 & 754 &:= 5^1 + 11^0 + 14^0 + 18^1 + 27^2 = 51 + 110 + 140 + 181 + 272 \\ 754 &:= 4^0 + 5^1 + 18^1 + 21^0 + 27^2 = 40 + 51 + 181 + 210 + 272 & 754 &:= 5^1 + 12^0 + 13^0 + 18^1 + 27^2 = 51 + 120 + 130 + 181 + 272 \\ 754 &:= 4^0 + 6^1 + 17^1 + 21^0 + 27^2 = 40 + 61 + 171 + 210 + 272 & 754 &:= 5^1 + 6^0 + 18^1 + 19^0 + 27^2 = 51 + 60 + 181 + 190 + 272 \\ 754 &:= 4^0 + 7^1 + 16^1 + 21^0 + 27^2 = 40 + 71 + 161 + 210 + 272 & 754 &:= 5^1 + 7^0 + 18^0 + 18^1 + 27^2 = 51 + 70 + 180 + 181 + 272 \\ 754 &:= 4^0 + 8^1 + 15^1 + 21^0 + 27^2 = 40 + 81 + 151 + 210 + 272 & 754 &:= 5^1 + 8^0 + 17^0 + 18^1 + 27^2 = 51 + 80 + 170 + 181 + 272 \end{aligned}$$

$$\begin{aligned} 754 &:= 5^1 + 9^0 + 16^0 + 18^1 + 27^2 = 51 + 90 + 160 + 181 + 272 & 754 &:= 7^1 + 12^0 + 13^0 + 16^1 + 27^2 = 71 + 120 + 130 + 161 + 272 \\ 754 &:= 6^0 + 10^1 + 13^1 + 19^0 + 27^2 = 60 + 101 + 131 + 190 + 272 & 754 &:= 7^1 + 8^0 + 16^1 + 17^0 + 27^2 = 71 + 80 + 161 + 170 + 272 \\ 754 &:= 6^0 + 11^1 + 12^1 + 19^0 + 27^2 = 60 + 111 + 121 + 190 + 272 & 754 &:= 7^1 + 9^0 + 16^0 + 16^1 + 27^2 = 71 + 90 + 160 + 161 + 272 \\ 754 &:= 6^0 + 6^1 + 17^1 + 19^0 + 27^2 = 60 + 61 + 171 + 190 + 272 & 754 &:= 8^0 + 10^1 + 13^1 + 17^0 + 27^2 = 80 + 101 + 131 + 170 + 272 \\ 754 &:= 6^0 + 7^1 + 16^1 + 19^0 + 27^2 = 60 + 71 + 161 + 190 + 272 & 754 &:= 8^0 + 11^1 + 12^1 + 17^0 + 27^2 = 80 + 111 + 121 + 170 + 272 \\ 754 &:= 6^0 + 8^1 + 15^1 + 19^0 + 27^2 = 60 + 81 + 151 + 190 + 272 & 754 &:= 8^0 + 8^1 + 15^1 + 17^0 + 27^2 = 80 + 81 + 151 + 170 + 272 \\ 754 &:= 6^0 + 9^1 + 14^1 + 19^0 + 27^2 = 60 + 91 + 141 + 190 + 272 & 754 &:= 8^0 + 9^0 + 9^3 + 22^1 + 27^0 = 80 + 90 + 93 + 221 + 270 \\ 754 &:= 6^0 + 9^3 + 11^0 + 22^1 + 27^0 = 60 + 93 + 110 + 221 + 270 & 754 &:= 8^0 + 9^1 + 14^1 + 17^0 + 27^2 = 80 + 91 + 141 + 170 + 272 \\ 754 &:= 6^0 + 9^3 + 12^0 + 22^1 + 26^0 = 60 + 93 + 120 + 221 + 260 & 754 &:= 8^0 + 9^3 + 10^0 + 22^1 + 26^0 = 80 + 93 + 100 + 221 + 260 \\ 754 &:= 6^0 + 9^3 + 13^0 + 22^1 + 25^0 = 60 + 93 + 130 + 221 + 250 & 754 &:= 8^0 + 9^3 + 11^0 + 22^1 + 25^0 = 80 + 93 + 110 + 221 + 250 \\ 754 &:= 6^0 + 9^3 + 14^0 + 22^1 + 24^0 = 60 + 93 + 140 + 221 + 240 & 754 &:= 8^0 + 9^3 + 12^0 + 22^1 + 24^0 = 80 + 93 + 120 + 221 + 240 \\ 754 &:= 6^0 + 9^3 + 15^0 + 22^1 + 23^0 = 60 + 93 + 150 + 221 + 230 & 754 &:= 8^0 + 9^3 + 13^0 + 22^1 + 23^0 = 80 + 93 + 130 + 221 + 230 \\ 754 &:= 6^0 + 9^3 + 16^0 + 22^0 + 22^1 = 60 + 93 + 160 + 220 + 221 & 754 &:= 8^0 + 9^3 + 14^0 + 22^0 + 22^1 = 80 + 93 + 140 + 220 + 221 \\ 754 &:= 6^0 + 9^3 + 17^0 + 21^0 + 22^1 = 60 + 93 + 170 + 210 + 221 & 754 &:= 8^0 + 9^3 + 15^0 + 21^0 + 22^1 = 80 + 93 + 150 + 210 + 221 \\ 754 &:= 6^0 + 9^3 + 18^0 + 20^0 + 22^1 = 60 + 93 + 180 + 200 + 221 & 754 &:= 8^0 + 9^3 + 16^0 + 20^0 + 22^1 = 80 + 93 + 160 + 200 + 221 \\ 754 &:= 6^0 + 9^3 + 19^0 + 19^0 + 22^1 = 60 + 93 + 190 + 190 + 221 & 754 &:= 8^0 + 9^3 + 17^0 + 19^0 + 22^1 = 80 + 93 + 170 + 190 + 221 \\ 754 &:= 6^1 + 10^0 + 15^0 + 17^1 + 27^2 = 61 + 100 + 150 + 171 + 272 & 754 &:= 8^0 + 9^3 + 18^0 + 18^0 + 22^1 = 80 + 93 + 180 + 180 + 221 \\ 754 &:= 6^1 + 11^0 + 14^0 + 17^1 + 27^2 = 61 + 110 + 140 + 171 + 272 & 754 &:= 8^1 + 10^0 + 15^0 + 15^1 + 27^2 = 81 + 100 + 150 + 151 + 272 \\ 754 &:= 6^1 + 12^0 + 13^0 + 17^1 + 27^2 = 61 + 120 + 130 + 171 + 272 & 754 &:= 8^1 + 11^0 + 14^0 + 15^1 + 27^2 = 81 + 110 + 140 + 151 + 272 \\ 754 &:= 6^1 + 7^0 + 17^1 + 18^0 + 27^2 = 61 + 70 + 171 + 180 + 272 & 754 &:= 8^1 + 12^0 + 13^0 + 15^1 + 27^2 = 81 + 120 + 130 + 151 + 272 \\ 754 &:= 6^1 + 8^0 + 17^0 + 17^1 + 27^2 = 61 + 80 + 170 + 171 + 272 & 754 &:= 8^1 + 9^0 + 15^1 + 16^0 + 27^2 = 81 + 90 + 151 + 160 + 272 \\ 754 &:= 6^1 + 9^0 + 16^0 + 17^1 + 27^2 = 61 + 90 + 160 + 171 + 272 & 754 &:= 9^0 + 10^1 + 13^1 + 16^0 + 27^2 = 90 + 101 + 131 + 160 + 272 \\ 754 &:= 7^0 + 10^1 + 13^1 + 18^0 + 27^2 = 70 + 101 + 131 + 180 + 272 & 754 &:= 9^0 + 11^1 + 12^1 + 16^0 + 27^2 = 90 + 111 + 121 + 160 + 272 \\ 754 &:= 7^0 + 11^1 + 12^1 + 18^0 + 27^2 = 70 + 111 + 121 + 180 + 272 & 754 &:= 9^0 + 9^0 + 9^3 + 22^1 + 26^0 = 90 + 90 + 93 + 221 + 260 \\ 754 &:= 7^0 + 7^1 + 16^1 + 18^0 + 27^2 = 70 + 71 + 161 + 180 + 272 & 754 &:= 9^0 + 9^1 + 14^1 + 16^0 + 27^2 = 90 + 91 + 141 + 160 + 272 \\ 754 &:= 7^0 + 8^1 + 15^1 + 18^0 + 27^2 = 70 + 81 + 151 + 180 + 272 & 754 &:= 9^0 + 9^3 + 10^0 + 22^1 + 25^0 = 90 + 93 + 100 + 221 + 250 \\ 754 &:= 7^0 + 9^1 + 14^1 + 18^0 + 27^2 = 70 + 91 + 141 + 180 + 272 & 754 &:= 9^0 + 9^3 + 11^0 + 22^1 + 24^0 = 90 + 93 + 110 + 221 + 240 \\ 754 &:= 7^0 + 9^3 + 10^0 + 22^1 + 27^0 = 70 + 93 + 100 + 221 + 270 & 754 &:= 9^0 + 9^3 + 12^0 + 22^1 + 23^0 = 90 + 93 + 120 + 221 + 230 \\ 754 &:= 7^0 + 9^3 + 11^0 + 22^1 + 26^0 = 70 + 93 + 110 + 221 + 260 & 754 &:= 9^0 + 9^3 + 13^0 + 22^0 + 22^1 = 90 + 93 + 130 + 220 + 221 \\ 754 &:= 7^0 + 9^3 + 12^0 + 22^1 + 25^0 = 70 + 93 + 120 + 221 + 250 & 754 &:= 9^0 + 9^3 + 14^0 + 21^0 + 22^1 = 90 + 93 + 140 + 210 + 221 \\ 754 &:= 7^0 + 9^3 + 13^0 + 22^1 + 24^0 = 70 + 93 + 130 + 221 + 240 & 754 &:= 9^0 + 9^3 + 15^0 + 20^0 + 22^1 = 90 + 93 + 150 + 200 + 221 \\ 754 &:= 7^0 + 9^3 + 14^0 + 22^1 + 23^0 = 70 + 93 + 140 + 221 + 230 & 754 &:= 9^0 + 9^3 + 16^0 + 19^0 + 22^1 = 90 + 93 + 160 + 190 + 221 \\ 754 &:= 7^0 + 9^3 + 15^0 + 22^0 + 22^1 = 70 + 93 + 150 + 220 + 221 & 754 &:= 9^0 + 9^3 + 17^0 + 18^0 + 22^1 = 90 + 93 + 170 + 180 + 221 \\ 754 &:= 7^0 + 9^3 + 16^0 + 21^0 + 22^1 = 70 + 93 + 160 + 210 + 221 & 754 &:= 9^1 + 10^0 + 14^1 + 15^0 + 27^2 = 91 + 100 + 141 + 150 + 272 \\ 754 &:= 7^0 + 9^3 + 17^0 + 20^0 + 22^1 = 70 + 93 + 170 + 200 + 221 & 754 &:= 9^1 + 11^0 + 14^0 + 14^1 + 27^2 = 91 + 110 + 140 + 141 + 272 \\ 754 &:= 7^0 + 9^3 + 18^0 + 19^0 + 22^1 = 70 + 93 + 180 + 190 + 221 & 754 &:= 9^1 + 12^0 + 13^0 + 14^1 + 27^2 = 91 + 120 + 130 + 141 + 272 \\ 754 &:= 7^1 + 10^0 + 15^0 + 16^1 + 27^2 = 71 + 100 + 150 + 161 + 272 & 754 &:= 9^3 + 10^0 + 10^0 + 22^1 + 24^0 = 93 + 100 + 100 + 221 + 240 \\ 754 &:= 7^1 + 11^0 + 14^0 + 16^1 + 27^2 = 71 + 110 + 140 + 161 + 272 & 754 &:= 9^3 + 10^0 + 11^0 + 22^1 + 23^0 = 93 + 100 + 110 + 221 + 230 \end{aligned}$$

$754 := 9^3 + 10^0 + 12^0 + 22^0 + 22^1 = 93 + 100 + 120 + 220 + 221$	$754 := 9^3 + 12^0 + 12^0 + 20^0 + 22^1 = 93 + 120 + 120 + 200 + 221$
$754 := 9^3 + 10^0 + 13^0 + 21^0 + 22^1 = 93 + 100 + 130 + 210 + 221$	$754 := 9^3 + 12^0 + 13^0 + 19^0 + 22^1 = 93 + 120 + 130 + 190 + 221$
$754 := 9^3 + 10^0 + 14^0 + 20^0 + 22^1 = 93 + 100 + 140 + 200 + 221$	$754 := 9^3 + 12^0 + 14^0 + 18^0 + 22^1 = 93 + 120 + 140 + 180 + 221$
$754 := 9^3 + 10^0 + 15^0 + 19^0 + 22^1 = 93 + 100 + 150 + 190 + 221$	$754 := 9^3 + 12^0 + 15^0 + 17^0 + 22^1 = 93 + 120 + 150 + 170 + 221$
$754 := 9^3 + 10^0 + 16^0 + 18^0 + 22^1 = 93 + 100 + 160 + 180 + 221$	$754 := 9^3 + 12^0 + 16^0 + 16^0 + 22^1 = 93 + 120 + 160 + 160 + 221$
$754 := 9^3 + 10^0 + 17^0 + 17^0 + 22^1 = 93 + 100 + 170 + 170 + 221$	$754 := 9^3 + 13^0 + 13^0 + 18^0 + 22^1 = 93 + 130 + 130 + 180 + 221$
$754 := 9^3 + 11^0 + 11^0 + 22^0 + 22^1 = 93 + 110 + 110 + 220 + 221$	$754 := 9^3 + 13^0 + 14^0 + 17^0 + 22^1 = 93 + 130 + 140 + 170 + 221$
$754 := 9^3 + 11^0 + 12^0 + 21^0 + 22^1 = 93 + 110 + 120 + 210 + 221$	$754 := 9^3 + 13^0 + 15^0 + 16^0 + 22^1 = 93 + 130 + 150 + 160 + 221$
$754 := 9^3 + 11^0 + 13^0 + 20^0 + 22^1 = 93 + 110 + 130 + 200 + 221$	$754 := 9^3 + 14^0 + 14^0 + 16^0 + 22^1 = 93 + 140 + 140 + 160 + 221$
$754 := 9^3 + 11^0 + 14^0 + 19^0 + 22^1 = 93 + 110 + 140 + 190 + 221$	$754 := 9^3 + 14^0 + 15^0 + 15^0 + 22^1 = 93 + 140 + 150 + 150 + 221$
$754 := 9^3 + 11^0 + 15^0 + 18^0 + 22^1 = 93 + 110 + 150 + 180 + 221$	
$754 := 9^3 + 11^0 + 16^0 + 17^0 + 22^1 = 93 + 110 + 160 + 170 + 221$	

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$755 := 5^2 + 9^3 + 61^0 = 52 + 93 + 610$	$755 := 7^2 + 13^0 + 26^2 + 29^1 = 72 + 130 + 262 + 291$
$755 := 6^2 + 26^2 + 43^1 = 62 + 262 + 431$	$755 := 8^1 + 11^2 + 25^2 + 31^0 = 81 + 112 + 252 + 310$
$755 := 1^0 + 6^2 + 26^2 + 42^1 = 10 + 62 + 262 + 421$	$755 := 8^1 + 9^3 + 17^1 + 41^0 = 81 + 93 + 171 + 410$
$755 := 1^1 + 9^3 + 24^1 + 41^0 = 11 + 93 + 241 + 410$	$755 := 8^2 + 14^1 + 26^2 + 27^0 = 82 + 141 + 262 + 270$
$755 := 1^2 + 23^0 + 24^1 + 27^2 = 12 + 230 + 241 + 272$	$755 := 9^0 + 14^2 + 23^2 + 29^1 = 90 + 142 + 232 + 291$
$755 := 1^4 + 2^7 + 5^4 + 66^0 = 14 + 27 + 54 + 660$	$755 := 9^1 + 13^2 + 24^2 + 29^0 = 91 + 132 + 242 + 290$
$755 := 1^6 + 2^7 + 25^2 + 46^0 = 16 + 27 + 252 + 460$	$755 := 9^1 + 9^3 + 16^1 + 41^0 = 91 + 93 + 161 + 410$
$755 := 1^8 + 3^6 + 24^1 + 46^0 = 18 + 36 + 241 + 460$	$755 := 9^3 + 10^1 + 15^1 + 41^0 = 93 + 101 + 151 + 410$
$755 := 10^2 + 11^0 + 25^2 + 29^1 = 102 + 110 + 252 + 291$	$755 := 9^3 + 11^1 + 14^1 + 41^0 = 93 + 111 + 141 + 410$
$755 := 13^0 + 17^2 + 21^2 + 24^1 = 130 + 172 + 212 + 241$	$755 := 9^3 + 12^1 + 13^1 + 41^0 = 93 + 121 + 131 + 410$
$755 := 14^1 + 16^2 + 22^2 + 23^0 = 141 + 162 + 222 + 230$	$755 := 1^0 + 1^2 + 23^0 + 23^1 + 27^2 = 10 + 12 + 230 + 231 + 272$
$755 := 2^1 + 9^3 + 23^1 + 41^0 = 21 + 93 + 231 + 410$	$755 := 1^0 + 13^0 + 17^2 + 21^2 + 23^1 = 10 + 130 + 172 + 212 + 231$
$755 := 2^2 + 21^1 + 25^0 + 27^2 = 22 + 211 + 250 + 272$	$755 := 1^0 + 13^1 + 16^2 + 22^2 + 23^0 = 10 + 131 + 162 + 222 + 230$
$755 := 3^1 + 9^3 + 22^1 + 41^0 = 31 + 93 + 221 + 410$	$755 := 1^0 + 2^2 + 20^1 + 25^0 + 27^2 = 10 + 22 + 201 + 250 + 272$
$755 := 3^2 + 16^1 + 27^2 + 29^0 = 32 + 161 + 272 + 290$	$755 := 1^0 + 8^2 + 13^1 + 26^2 + 27^0 = 10 + 82 + 131 + 262 + 270$
$755 := 4^1 + 9^3 + 21^1 + 41^0 = 41 + 93 + 211 + 410$	$755 := 1^1 + 1^1 + 23^0 + 23^1 + 27^2 = 11 + 11 + 230 + 231 + 272$
$755 := 4^2 + 9^1 + 27^2 + 35^0 = 42 + 91 + 272 + 350$	$755 := 1^1 + 10^1 + 14^1 + 23^0 + 27^2 = 11 + 101 + 141 + 230 + 272$
$755 := 5^0 + 12^2 + 24^2 + 34^1 = 50 + 122 + 242 + 341$	$755 := 1^1 + 11^1 + 13^1 + 23^0 + 27^2 = 11 + 111 + 131 + 230 + 272$
$755 := 5^0 + 19^2 + 19^2 + 32^1 = 50 + 192 + 192 + 321$	$755 := 1^1 + 12^1 + 12^1 + 23^0 + 27^2 = 11 + 121 + 121 + 230 + 272$
$755 := 5^1 + 9^3 + 20^1 + 41^0 = 51 + 93 + 201 + 410$	$755 := 1^1 + 2^1 + 22^1 + 23^0 + 27^2 = 11 + 21 + 221 + 230 + 272$
$755 := 5^2 + 9^3 + 61^0 = 52 + 93 + 610$	$755 := 1^1 + 3^1 + 21^1 + 23^0 + 27^2 = 11 + 31 + 211 + 230 + 272$
$755 := 6^1 + 9^3 + 19^1 + 41^0 = 61 + 93 + 191 + 410$	$755 := 1^1 + 4^1 + 20^1 + 23^0 + 27^2 = 11 + 41 + 201 + 230 + 272$
$755 := 7^0 + 18^2 + 20^2 + 30^1 = 70 + 182 + 202 + 301$	$755 := 1^1 + 5^1 + 19^1 + 23^0 + 27^2 = 11 + 51 + 191 + 230 + 272$
$755 := 7^1 + 9^3 + 18^1 + 41^0 = 71 + 93 + 181 + 410$	$755 := 1^1 + 6^1 + 18^1 + 23^0 + 27^2 = 11 + 61 + 181 + 230 + 272$

$$\begin{aligned} 755 &:= 1^1 + 7^1 + 17^1 + 23^0 + 27^2 = 11 + 71 + 171 + 230 + 272 & 755 &:= 2^1 + 10^1 + 13^1 + 23^0 + 27^2 = 21 + 101 + 131 + 230 + 272 \\ 755 &:= 1^1 + 8^1 + 16^1 + 23^0 + 27^2 = 11 + 81 + 161 + 230 + 272 & 755 &:= 2^1 + 11^1 + 12^1 + 23^0 + 27^2 = 21 + 111 + 121 + 230 + 272 \\ 755 &:= 1^1 + 9^1 + 15^1 + 23^0 + 27^2 = 11 + 91 + 151 + 230 + 272 & 755 &:= 2^1 + 2^1 + 21^1 + 23^0 + 27^2 = 21 + 21 + 211 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 15^0 + 23^1 + 27^0 = 11 + 93 + 150 + 231 + 270 & 755 &:= 2^1 + 3^1 + 20^1 + 23^0 + 27^2 = 21 + 31 + 201 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 16^0 + 23^1 + 26^0 = 11 + 93 + 160 + 231 + 260 & 755 &:= 2^1 + 4^1 + 19^1 + 23^0 + 27^2 = 21 + 41 + 191 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 17^0 + 23^1 + 25^0 = 11 + 93 + 170 + 231 + 250 & 755 &:= 2^1 + 5^1 + 18^1 + 23^0 + 27^2 = 21 + 51 + 181 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 18^0 + 23^1 + 24^0 = 11 + 93 + 180 + 231 + 240 & 755 &:= 2^1 + 6^1 + 17^1 + 23^0 + 27^2 = 21 + 61 + 171 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 19^0 + 23^0 + 23^1 = 11 + 93 + 190 + 230 + 231 & 755 &:= 2^1 + 7^1 + 16^1 + 23^0 + 27^2 = 21 + 71 + 161 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 20^0 + 22^0 + 23^1 = 11 + 93 + 200 + 220 + 231 & 755 &:= 2^1 + 8^1 + 15^1 + 23^0 + 27^2 = 21 + 81 + 151 + 230 + 272 \\ 755 &:= 1^1 + 9^3 + 21^0 + 21^0 + 23^1 = 11 + 93 + 210 + 210 + 231 & 755 &:= 2^1 + 9^1 + 14^1 + 23^0 + 27^2 = 21 + 91 + 141 + 230 + 272 \\ 755 &:= 1^2 + 10^0 + 14^0 + 23^1 + 27^2 = 12 + 100 + 140 + 231 + 272 & 755 &:= 2^1 + 9^3 + 15^0 + 22^1 + 27^0 = 21 + 93 + 150 + 221 + 270 \\ 755 &:= 1^2 + 11^0 + 13^0 + 23^1 + 27^2 = 12 + 110 + 130 + 231 + 272 & 755 &:= 2^1 + 9^3 + 16^0 + 22^1 + 26^0 = 21 + 93 + 160 + 221 + 260 \\ 755 &:= 1^2 + 12^0 + 12^0 + 23^1 + 27^2 = 12 + 120 + 120 + 231 + 272 & 755 &:= 2^1 + 9^3 + 17^0 + 22^1 + 25^0 = 21 + 93 + 170 + 221 + 250 \\ 755 &:= 1^2 + 2^0 + 22^0 + 23^1 + 27^2 = 12 + 20 + 220 + 231 + 272 & 755 &:= 2^1 + 9^3 + 18^0 + 22^1 + 24^0 = 21 + 93 + 180 + 221 + 240 \\ 755 &:= 1^2 + 3^0 + 21^0 + 23^1 + 27^2 = 12 + 30 + 210 + 231 + 272 & 755 &:= 2^1 + 9^3 + 19^0 + 22^1 + 23^0 = 21 + 93 + 190 + 221 + 230 \\ 755 &:= 1^2 + 4^0 + 20^0 + 23^1 + 27^2 = 12 + 40 + 200 + 231 + 272 & 755 &:= 2^1 + 9^3 + 20^0 + 22^0 + 22^1 = 21 + 93 + 200 + 220 + 221 \\ 755 &:= 1^2 + 5^0 + 19^0 + 23^1 + 27^2 = 12 + 50 + 190 + 231 + 272 & 755 &:= 2^1 + 9^3 + 21^0 + 21^0 + 22^1 = 21 + 93 + 210 + 210 + 221 \\ 755 &:= 1^2 + 6^0 + 18^0 + 23^1 + 27^2 = 12 + 60 + 180 + 231 + 272 & 755 &:= 2^2 + 10^0 + 16^0 + 20^1 + 27^2 = 22 + 100 + 160 + 201 + 272 \\ 755 &:= 1^2 + 7^0 + 17^0 + 23^1 + 27^2 = 12 + 70 + 170 + 231 + 272 & 755 &:= 2^2 + 11^0 + 15^0 + 20^1 + 27^2 = 22 + 110 + 150 + 201 + 272 \\ 755 &:= 1^2 + 8^0 + 16^0 + 23^1 + 27^2 = 12 + 80 + 160 + 231 + 272 & 755 &:= 2^2 + 12^0 + 14^0 + 20^1 + 27^2 = 22 + 120 + 140 + 201 + 272 \\ 755 &:= 1^2 + 9^0 + 15^0 + 23^1 + 27^2 = 12 + 90 + 150 + 231 + 272 & 755 &:= 2^2 + 13^0 + 13^0 + 20^1 + 27^2 = 22 + 130 + 130 + 201 + 272 \\ 755 &:= 1^3 + 1^9 + 22^0 + 23^1 + 27^2 = 13 + 19 + 220 + 231 + 272 & 755 &:= 2^2 + 3^0 + 20^1 + 23^0 + 27^2 = 22 + 30 + 201 + 230 + 272 \\ 755 &:= 1^4 + 1^8 + 22^0 + 23^1 + 27^2 = 14 + 18 + 220 + 231 + 272 & 755 &:= 2^2 + 4^0 + 20^1 + 22^0 + 27^2 = 22 + 40 + 201 + 220 + 272 \\ 755 &:= 1^5 + 1^7 + 22^0 + 23^1 + 27^2 = 15 + 17 + 220 + 231 + 272 & 755 &:= 2^2 + 5^0 + 20^1 + 21^0 + 27^2 = 22 + 50 + 201 + 210 + 272 \\ 755 &:= 1^6 + 1^6 + 22^0 + 23^1 + 27^2 = 16 + 16 + 220 + 231 + 272 & 755 &:= 2^2 + 6^0 + 20^0 + 20^1 + 27^2 = 22 + 60 + 200 + 201 + 272 \\ 755 &:= 1^7 + 3^5 + 22^0 + 22^2 + 26^1 = 17 + 35 + 220 + 222 + 261 & 755 &:= 2^2 + 7^0 + 19^0 + 20^1 + 27^2 = 22 + 70 + 190 + 201 + 272 \\ 755 &:= 1^8 + 3^6 + 20^0 + 23^1 + 27^0 = 18 + 36 + 200 + 231 + 270 & 755 &:= 2^2 + 8^0 + 18^0 + 20^1 + 27^2 = 22 + 80 + 180 + 201 + 272 \\ 755 &:= 1^8 + 3^6 + 21^0 + 23^1 + 26^0 = 18 + 36 + 210 + 231 + 260 & 755 &:= 2^2 + 9^0 + 17^0 + 20^1 + 27^2 = 22 + 90 + 170 + 201 + 272 \\ 755 &:= 1^8 + 3^6 + 22^0 + 23^1 + 25^0 = 18 + 36 + 220 + 231 + 250 & 755 &:= 3^0 + 11^0 + 17^2 + 21^2 + 23^1 = 30 + 110 + 172 + 212 + 231 \\ 755 &:= 1^8 + 3^6 + 23^0 + 23^1 + 24^0 = 18 + 36 + 230 + 231 + 240 & 755 &:= 3^0 + 13^1 + 16^2 + 21^0 + 22^2 = 30 + 131 + 162 + 210 + 222 \\ 755 &:= 1^9 + 14^2 + 14^2 + 19^2 + 26^0 = 19 + 142 + 142 + 192 + 260 & 755 &:= 3^0 + 3^2 + 15^1 + 27^0 + 27^2 = 30 + 32 + 151 + 270 + 272 \\ 755 &:= 10^0 + 13^1 + 14^0 + 16^2 + 22^2 = 100 + 131 + 140 + 162 + 222 & 755 &:= 3^0 + 8^1 + 13^2 + 24^2 + 27^0 = 30 + 81 + 132 + 242 + 270 \\ 755 &:= 11^0 + 13^0 + 13^1 + 16^2 + 22^2 = 110 + 130 + 131 + 162 + 222 & 755 &:= 3^0 + 8^2 + 13^1 + 25^0 + 26^2 = 30 + 82 + 131 + 250 + 262 \\ 755 &:= 12^0 + 12^0 + 13^1 + 16^2 + 22^2 = 120 + 120 + 131 + 162 + 222 & 755 &:= 3^1 + 10^1 + 12^1 + 23^0 + 27^2 = 31 + 101 + 121 + 230 + 272 \\ 755 &:= 2^0 + 12^0 + 17^2 + 21^2 + 23^1 = 20 + 120 + 172 + 212 + 231 & 755 &:= 3^1 + 11^1 + 11^1 + 23^0 + 27^2 = 31 + 111 + 111 + 230 + 272 \\ 755 &:= 2^0 + 13^1 + 16^2 + 22^0 + 22^2 = 20 + 131 + 162 + 220 + 222 & 755 &:= 3^1 + 3^1 + 19^1 + 23^0 + 27^2 = 31 + 31 + 191 + 230 + 272 \\ 755 &:= 2^0 + 2^2 + 20^1 + 24^0 + 27^2 = 20 + 22 + 201 + 240 + 272 & 755 &:= 3^1 + 4^1 + 18^1 + 23^0 + 27^2 = 31 + 41 + 181 + 230 + 272 \\ 755 &:= 2^0 + 8^2 + 13^1 + 26^0 + 26^2 = 20 + 82 + 131 + 260 + 262 & 755 &:= 3^1 + 5^1 + 17^1 + 23^0 + 27^2 = 31 + 51 + 171 + 230 + 272 \end{aligned}$$

$$\begin{aligned} 755 &:= 3^1 + 6^1 + 16^1 + 23^0 + 27^2 = 31 + 61 + 161 + 230 + 272 & 755 &:= 4^1 + 9^3 + 19^0 + 20^1 + 23^0 = 41 + 93 + 190 + 201 + 230 \\ 755 &:= 3^1 + 7^1 + 15^1 + 23^0 + 27^2 = 31 + 71 + 151 + 230 + 272 & 755 &:= 4^1 + 9^3 + 20^0 + 20^1 + 22^0 = 41 + 93 + 200 + 201 + 220 \\ 755 &:= 3^1 + 8^1 + 14^1 + 23^0 + 27^2 = 31 + 81 + 141 + 230 + 272 & 755 &:= 4^1 + 9^3 + 20^1 + 21^0 + 21^0 = 41 + 93 + 201 + 210 + 210 \\ 755 &:= 3^1 + 9^1 + 13^1 + 23^0 + 27^2 = 31 + 91 + 131 + 230 + 272 & 755 &:= 4^2 + 8^1 + 10^0 + 26^0 + 27^2 = 42 + 81 + 100 + 260 + 272 \\ 755 &:= 3^1 + 9^3 + 15^0 + 21^1 + 27^0 = 31 + 93 + 150 + 211 + 270 & 755 &:= 4^2 + 8^1 + 11^0 + 25^0 + 27^2 = 42 + 81 + 110 + 250 + 272 \\ 755 &:= 3^1 + 9^3 + 16^0 + 21^1 + 26^0 = 31 + 93 + 160 + 211 + 260 & 755 &:= 4^2 + 8^1 + 12^0 + 24^0 + 27^2 = 42 + 81 + 120 + 240 + 272 \\ 755 &:= 3^1 + 9^3 + 17^0 + 21^1 + 25^0 = 31 + 93 + 170 + 211 + 250 & 755 &:= 4^2 + 8^1 + 13^0 + 23^0 + 27^2 = 42 + 81 + 130 + 230 + 272 \\ 755 &:= 3^1 + 9^3 + 18^0 + 21^1 + 24^0 = 31 + 93 + 180 + 211 + 240 & 755 &:= 4^2 + 8^1 + 14^0 + 22^0 + 27^2 = 42 + 81 + 140 + 220 + 272 \\ 755 &:= 3^1 + 9^3 + 19^0 + 21^1 + 23^0 = 31 + 93 + 190 + 211 + 230 & 755 &:= 4^2 + 8^1 + 15^0 + 21^0 + 27^2 = 42 + 81 + 150 + 210 + 272 \\ 755 &:= 3^1 + 9^3 + 20^0 + 21^1 + 22^0 = 31 + 93 + 200 + 211 + 220 & 755 &:= 4^2 + 8^1 + 16^0 + 20^0 + 27^2 = 42 + 81 + 160 + 200 + 272 \\ 755 &:= 3^1 + 9^3 + 21^0 + 21^0 + 21^1 = 31 + 93 + 210 + 210 + 211 & 755 &:= 4^2 + 8^1 + 17^0 + 19^0 + 27^2 = 42 + 81 + 170 + 190 + 272 \\ 755 &:= 3^2 + 10^0 + 15^1 + 20^0 + 27^2 = 32 + 100 + 151 + 200 + 272 & 755 &:= 4^2 + 8^1 + 18^0 + 18^0 + 27^2 = 42 + 81 + 180 + 180 + 272 \\ 755 &:= 3^2 + 11^0 + 15^1 + 19^0 + 27^2 = 32 + 110 + 151 + 190 + 272 & 755 &:= 4^2 + 8^1 + 9^0 + 27^0 + 27^2 = 42 + 81 + 90 + 270 + 272 \\ 755 &:= 3^2 + 12^0 + 15^1 + 18^0 + 27^2 = 32 + 120 + 151 + 180 + 272 & 755 &:= 5^0 + 13^1 + 16^2 + 19^0 + 22^2 = 50 + 131 + 162 + 190 + 222 \\ 755 &:= 3^2 + 13^0 + 15^1 + 17^0 + 27^2 = 32 + 130 + 151 + 170 + 272 & 755 &:= 5^0 + 7^1 + 11^2 + 25^2 + 27^0 = 50 + 71 + 112 + 252 + 270 \\ 755 &:= 3^2 + 14^0 + 15^1 + 16^0 + 27^2 = 32 + 140 + 151 + 160 + 272 & 755 &:= 5^0 + 8^1 + 13^2 + 24^2 + 25^0 = 50 + 81 + 132 + 242 + 250 \\ 755 &:= 3^2 + 15^0 + 15^0 + 15^1 + 27^2 = 32 + 150 + 150 + 151 + 272 & 755 &:= 5^0 + 8^2 + 13^1 + 23^0 + 26^2 = 50 + 82 + 131 + 230 + 262 \\ 755 &:= 3^2 + 4^0 + 15^1 + 26^0 + 27^2 = 32 + 40 + 151 + 260 + 272 & 755 &:= 5^0 + 9^0 + 17^2 + 21^2 + 23^1 = 50 + 90 + 172 + 212 + 231 \\ 755 &:= 3^2 + 5^0 + 15^1 + 25^0 + 27^2 = 32 + 50 + 151 + 250 + 272 & 755 &:= 5^1 + 10^1 + 10^1 + 23^0 + 27^2 = 51 + 101 + 101 + 230 + 272 \\ 755 &:= 3^2 + 6^0 + 15^1 + 24^0 + 27^2 = 32 + 60 + 151 + 240 + 272 & 755 &:= 5^1 + 5^1 + 15^1 + 23^0 + 27^2 = 51 + 51 + 151 + 230 + 272 \\ 755 &:= 3^2 + 7^0 + 15^1 + 23^0 + 27^2 = 32 + 70 + 151 + 230 + 272 & 755 &:= 5^1 + 6^1 + 14^1 + 23^0 + 27^2 = 51 + 61 + 141 + 230 + 272 \\ 755 &:= 3^2 + 8^0 + 15^1 + 22^0 + 27^2 = 32 + 80 + 151 + 220 + 272 & 755 &:= 5^1 + 7^1 + 13^1 + 23^0 + 27^2 = 51 + 71 + 131 + 230 + 272 \\ 755 &:= 3^2 + 9^0 + 15^1 + 21^0 + 27^2 = 32 + 90 + 151 + 210 + 272 & 755 &:= 5^1 + 8^1 + 12^1 + 23^0 + 27^2 = 51 + 81 + 121 + 230 + 272 \\ 755 &:= 4^0 + 10^0 + 17^2 + 21^2 + 23^1 = 40 + 100 + 172 + 212 + 231 & 755 &:= 5^1 + 9^1 + 11^1 + 23^0 + 27^2 = 51 + 91 + 111 + 230 + 272 \\ 755 &:= 4^0 + 13^1 + 16^2 + 20^0 + 22^2 = 40 + 131 + 162 + 200 + 222 & 755 &:= 5^1 + 9^3 + 15^0 + 19^1 + 27^0 = 51 + 93 + 150 + 191 + 270 \\ 755 &:= 4^0 + 8^1 + 13^2 + 24^2 + 26^0 = 40 + 81 + 132 + 242 + 260 & 755 &:= 5^1 + 9^3 + 16^0 + 19^1 + 26^0 = 51 + 93 + 160 + 191 + 260 \\ 755 &:= 4^0 + 8^2 + 13^1 + 24^0 + 26^2 = 40 + 82 + 131 + 240 + 262 & 755 &:= 5^1 + 9^3 + 17^0 + 19^1 + 25^0 = 51 + 93 + 170 + 191 + 250 \\ 755 &:= 4^1 + 10^1 + 11^1 + 23^0 + 27^2 = 41 + 101 + 111 + 230 + 272 & 755 &:= 5^1 + 9^3 + 18^0 + 19^1 + 24^0 = 51 + 93 + 180 + 191 + 240 \\ 755 &:= 4^1 + 4^1 + 17^1 + 23^0 + 27^2 = 41 + 41 + 171 + 230 + 272 & 755 &:= 5^1 + 9^3 + 19^0 + 19^1 + 23^0 = 51 + 93 + 190 + 191 + 230 \\ 755 &:= 4^1 + 5^1 + 16^1 + 23^0 + 27^2 = 41 + 51 + 161 + 230 + 272 & 755 &:= 5^1 + 9^3 + 19^1 + 20^0 + 22^0 = 51 + 93 + 191 + 200 + 220 \\ 755 &:= 4^1 + 6^1 + 15^1 + 23^0 + 27^2 = 41 + 61 + 151 + 230 + 272 & 755 &:= 5^1 + 9^3 + 19^1 + 21^0 + 21^0 = 51 + 93 + 191 + 210 + 210 \\ 755 &:= 4^1 + 7^1 + 14^1 + 23^0 + 27^2 = 41 + 71 + 141 + 230 + 272 & 755 &:= 6^0 + 13^1 + 16^2 + 18^0 + 22^2 = 60 + 131 + 162 + 180 + 222 \\ 755 &:= 4^1 + 8^1 + 13^1 + 23^0 + 27^2 = 41 + 81 + 131 + 230 + 272 & 755 &:= 6^0 + 7^1 + 11^2 + 25^2 + 26^0 = 60 + 71 + 112 + 252 + 260 \\ 755 &:= 4^1 + 9^1 + 12^1 + 23^0 + 27^2 = 41 + 91 + 121 + 230 + 272 & 755 &:= 6^0 + 8^0 + 17^2 + 21^2 + 23^1 = 60 + 80 + 172 + 212 + 231 \\ 755 &:= 4^1 + 9^3 + 15^0 + 20^1 + 27^0 = 41 + 93 + 150 + 201 + 270 & 755 &:= 6^0 + 8^1 + 13^2 + 24^0 + 24^2 = 60 + 81 + 132 + 240 + 242 \\ 755 &:= 4^1 + 9^3 + 16^0 + 20^1 + 26^0 = 41 + 93 + 160 + 201 + 260 & 755 &:= 6^0 + 8^2 + 13^1 + 22^0 + 26^2 = 60 + 82 + 131 + 220 + 262 \\ 755 &:= 4^1 + 9^3 + 17^0 + 20^1 + 25^0 = 41 + 93 + 170 + 201 + 250 & 755 &:= 6^1 + 6^1 + 13^1 + 23^0 + 27^2 = 61 + 61 + 131 + 230 + 272 \\ 755 &:= 4^1 + 9^3 + 18^0 + 20^1 + 24^0 = 41 + 93 + 180 + 201 + 240 & 755 &:= 6^1 + 7^1 + 12^1 + 23^0 + 27^2 = 61 + 71 + 121 + 230 + 272 \end{aligned}$$

$$\begin{aligned} 755 &:= 6^1 + 8^1 + 11^1 + 23^0 + 27^2 = 61 + 81 + 111 + 230 + 272 & 755 &:= 8^1 + 12^0 + 13^2 + 18^0 + 24^2 = 81 + 120 + 132 + 180 + 242 \\ 755 &:= 6^1 + 9^1 + 10^1 + 23^0 + 27^2 = 61 + 91 + 101 + 230 + 272 & 755 &:= 8^1 + 13^0 + 13^2 + 17^0 + 24^2 = 81 + 130 + 132 + 170 + 242 \\ 755 &:= 6^1 + 9^3 + 15^0 + 18^1 + 27^0 = 61 + 93 + 150 + 181 + 270 & 755 &:= 8^1 + 13^2 + 14^0 + 16^0 + 24^2 = 81 + 132 + 140 + 160 + 242 \\ 755 &:= 6^1 + 9^3 + 16^0 + 18^1 + 26^0 = 61 + 93 + 160 + 181 + 260 & 755 &:= 8^1 + 13^2 + 15^0 + 15^0 + 24^2 = 81 + 132 + 150 + 150 + 242 \\ 755 &:= 6^1 + 9^3 + 17^0 + 18^1 + 25^0 = 61 + 93 + 170 + 181 + 250 & 755 &:= 8^1 + 8^1 + 9^1 + 23^0 + 27^2 = 81 + 81 + 91 + 230 + 272 \\ 755 &:= 6^1 + 9^3 + 18^0 + 18^1 + 24^0 = 61 + 93 + 180 + 181 + 240 & 755 &:= 8^1 + 9^0 + 13^2 + 21^0 + 24^2 = 81 + 90 + 132 + 210 + 242 \\ 755 &:= 6^1 + 9^3 + 18^1 + 19^0 + 23^0 = 61 + 93 + 181 + 190 + 230 & 755 &:= 8^1 + 9^3 + 15^0 + 16^1 + 27^0 = 81 + 93 + 150 + 161 + 270 \\ 755 &:= 6^1 + 9^3 + 18^1 + 20^0 + 22^0 = 61 + 93 + 181 + 200 + 220 & 755 &:= 8^1 + 9^3 + 16^0 + 16^1 + 26^0 = 81 + 93 + 160 + 161 + 260 \\ 755 &:= 6^1 + 9^3 + 18^1 + 21^0 + 21^0 = 61 + 93 + 181 + 210 + 210 & 755 &:= 8^1 + 9^3 + 16^1 + 17^0 + 25^0 = 81 + 93 + 161 + 170 + 250 \\ 755 &:= 7^0 + 13^1 + 16^2 + 17^0 + 22^2 = 70 + 131 + 162 + 170 + 222 & 755 &:= 8^1 + 9^3 + 16^1 + 18^0 + 24^0 = 81 + 93 + 161 + 180 + 240 \\ 755 &:= 7^0 + 7^0 + 17^2 + 21^2 + 23^1 = 70 + 70 + 172 + 212 + 231 & 755 &:= 8^1 + 9^3 + 16^1 + 19^0 + 23^0 = 81 + 93 + 161 + 190 + 230 \\ 755 &:= 7^0 + 7^1 + 11^2 + 25^0 + 25^2 = 70 + 71 + 112 + 250 + 252 & 755 &:= 8^1 + 9^3 + 16^1 + 20^0 + 22^0 = 81 + 93 + 161 + 200 + 220 \\ 755 &:= 7^0 + 8^1 + 13^2 + 23^0 + 24^2 = 70 + 81 + 132 + 230 + 242 & 755 &:= 8^1 + 9^3 + 16^1 + 21^0 + 21^0 = 81 + 93 + 161 + 210 + 210 \\ 755 &:= 7^0 + 8^2 + 13^1 + 21^0 + 26^2 = 70 + 82 + 131 + 210 + 262 & 755 &:= 8^2 + 10^0 + 13^1 + 18^0 + 26^2 = 82 + 100 + 131 + 180 + 262 \\ 755 &:= 7^1 + 10^0 + 11^2 + 22^0 + 25^2 = 71 + 100 + 112 + 220 + 252 & 755 &:= 8^2 + 11^0 + 13^1 + 17^0 + 26^2 = 82 + 110 + 131 + 170 + 262 \\ 755 &:= 7^1 + 11^0 + 11^2 + 21^0 + 25^2 = 71 + 110 + 112 + 210 + 252 & 755 &:= 8^2 + 12^0 + 13^1 + 16^0 + 26^2 = 82 + 120 + 131 + 160 + 262 \\ 755 &:= 7^1 + 11^2 + 12^0 + 20^0 + 25^2 = 71 + 112 + 120 + 200 + 252 & 755 &:= 8^2 + 13^0 + 13^1 + 15^0 + 26^2 = 82 + 130 + 131 + 150 + 262 \\ 755 &:= 7^1 + 11^2 + 13^0 + 19^0 + 25^2 = 71 + 112 + 130 + 190 + 252 & 755 &:= 8^2 + 13^1 + 14^0 + 14^0 + 26^2 = 82 + 131 + 140 + 140 + 262 \\ 755 &:= 7^1 + 11^2 + 14^0 + 18^0 + 25^2 = 71 + 112 + 140 + 180 + 252 & 755 &:= 8^2 + 9^0 + 13^1 + 19^0 + 26^2 = 82 + 90 + 131 + 190 + 262 \\ 755 &:= 7^1 + 11^2 + 15^0 + 17^0 + 25^2 = 71 + 112 + 150 + 170 + 252 & 755 &:= 9^0 + 13^1 + 15^0 + 16^2 + 22^2 = 90 + 131 + 150 + 162 + 222 \\ 755 &:= 7^1 + 11^2 + 16^0 + 16^0 + 25^2 = 71 + 112 + 160 + 160 + 252 & 755 &:= 9^1 + 9^3 + 15^0 + 15^1 + 27^0 = 91 + 93 + 150 + 151 + 270 \\ 755 &:= 7^1 + 7^1 + 11^1 + 23^0 + 27^2 = 71 + 71 + 111 + 230 + 272 & 755 &:= 9^1 + 9^3 + 15^1 + 16^0 + 26^0 = 91 + 93 + 151 + 160 + 260 \\ 755 &:= 7^1 + 8^0 + 11^2 + 24^0 + 25^2 = 71 + 80 + 112 + 240 + 252 & 755 &:= 9^1 + 9^3 + 15^1 + 17^0 + 25^0 = 91 + 93 + 151 + 170 + 250 \\ 755 &:= 7^1 + 8^1 + 10^1 + 23^0 + 27^2 = 71 + 81 + 101 + 230 + 272 & 755 &:= 9^1 + 9^3 + 15^1 + 18^0 + 24^0 = 91 + 93 + 151 + 180 + 240 \\ 755 &:= 7^1 + 9^0 + 11^2 + 23^0 + 25^2 = 71 + 90 + 112 + 230 + 252 & 755 &:= 9^1 + 9^3 + 15^1 + 19^0 + 23^0 = 91 + 93 + 151 + 190 + 230 \\ 755 &:= 7^1 + 9^1 + 9^1 + 23^0 + 27^2 = 71 + 91 + 91 + 230 + 272 & 755 &:= 9^1 + 9^3 + 15^1 + 20^0 + 22^0 = 91 + 93 + 151 + 200 + 220 \\ 755 &:= 7^1 + 9^3 + 15^0 + 17^1 + 27^0 = 71 + 93 + 150 + 171 + 270 & 755 &:= 9^1 + 9^3 + 15^1 + 21^0 + 21^0 = 91 + 93 + 151 + 210 + 210 \\ 755 &:= 7^1 + 9^3 + 16^0 + 17^1 + 26^0 = 71 + 93 + 160 + 171 + 260 & 755 &:= 9^3 + 10^1 + 14^1 + 15^0 + 27^0 = 93 + 101 + 141 + 150 + 270 \\ 755 &:= 7^1 + 9^3 + 17^0 + 17^1 + 25^0 = 71 + 93 + 170 + 171 + 250 & 755 &:= 9^3 + 10^1 + 14^1 + 16^0 + 26^0 = 93 + 101 + 141 + 160 + 260 \\ 755 &:= 7^1 + 9^3 + 17^1 + 18^0 + 24^0 = 71 + 93 + 171 + 180 + 240 & 755 &:= 9^3 + 10^1 + 14^1 + 17^0 + 25^0 = 93 + 101 + 141 + 170 + 250 \\ 755 &:= 7^1 + 9^3 + 17^1 + 19^0 + 23^0 = 71 + 93 + 171 + 190 + 230 & 755 &:= 9^3 + 10^1 + 14^1 + 18^0 + 24^0 = 93 + 101 + 141 + 180 + 240 \\ 755 &:= 7^1 + 9^3 + 17^1 + 20^0 + 22^0 = 71 + 93 + 171 + 200 + 220 & 755 &:= 9^3 + 10^1 + 14^1 + 19^0 + 23^0 = 93 + 101 + 141 + 190 + 230 \\ 755 &:= 7^1 + 9^3 + 17^1 + 21^0 + 21^0 = 71 + 93 + 171 + 210 + 210 & 755 &:= 9^3 + 10^1 + 14^1 + 20^0 + 22^0 = 93 + 101 + 141 + 200 + 220 \\ 755 &:= 8^0 + 13^1 + 16^0 + 16^2 + 22^2 = 80 + 131 + 160 + 162 + 222 & 755 &:= 9^3 + 10^1 + 14^1 + 21^0 + 21^0 = 93 + 101 + 141 + 210 + 210 \\ 755 &:= 8^0 + 8^1 + 13^2 + 22^0 + 24^2 = 80 + 81 + 132 + 220 + 242 & 755 &:= 9^3 + 11^1 + 13^1 + 15^0 + 27^0 = 93 + 111 + 131 + 150 + 270 \\ 755 &:= 8^0 + 8^2 + 13^1 + 20^0 + 26^2 = 80 + 82 + 131 + 200 + 262 & 755 &:= 9^3 + 11^1 + 13^1 + 16^0 + 26^0 = 93 + 111 + 131 + 160 + 260 \\ 755 &:= 8^1 + 10^0 + 13^2 + 20^0 + 24^2 = 81 + 100 + 132 + 200 + 242 & 755 &:= 9^3 + 11^1 + 13^1 + 17^0 + 25^0 = 93 + 111 + 131 + 170 + 250 \\ 755 &:= 8^1 + 11^0 + 13^2 + 19^0 + 24^2 = 81 + 110 + 132 + 190 + 242 & 755 &:= 9^3 + 11^1 + 13^1 + 18^0 + 24^0 = 93 + 111 + 131 + 180 + 240 \end{aligned}$$

$$\begin{aligned}
 755 &:= 9^3 + 11^1 + 13^1 + 19^0 + 23^0 = 93 + 111 + 131 + 190 + 230 \\
 755 &:= 9^3 + 11^1 + 13^1 + 20^0 + 22^0 = 93 + 111 + 131 + 200 + 220 \\
 755 &:= 9^3 + 11^1 + 13^1 + 21^0 + 21^0 = 93 + 111 + 131 + 210 + 210 \\
 755 &:= 9^3 + 12^1 + 12^1 + 15^0 + 27^0 = 93 + 121 + 121 + 150 + 270 \\
 755 &:= 9^3 + 12^1 + 12^1 + 16^0 + 26^0 = 93 + 121 + 121 + 160 + 260 \\
 755 &:= 9^3 + 12^1 + 12^1 + 17^0 + 25^0 = 93 + 121 + 121 + 170 + 250
 \end{aligned}$$

$$\begin{aligned}
 755 &:= 9^3 + 12^1 + 12^1 + 18^0 + 24^0 = 93 + 121 + 121 + 180 + 240 \\
 755 &:= 9^3 + 12^1 + 12^1 + 19^0 + 23^0 = 93 + 121 + 121 + 190 + 230 \\
 755 &:= 9^3 + 12^1 + 12^1 + 20^0 + 22^0 = 93 + 121 + 121 + 200 + 220 \\
 755 &:= 9^3 + 12^1 + 12^1 + 21^0 + 21^0 = 93 + 121 + 121 + 210 + 210
 \end{aligned}$$

2.2.657 Number 756

$$\begin{aligned}
 756 &:= 1^1 + 5^2 + 9^3 + 60^0 = 11 + 52 + 93 + 600 \\
 756 &:= 1^2 + 15^2 + 23^2 + 36^0 = 12 + 152 + 232 + 360 \\
 756 &:= 1^2 + 5^2 + 27^2 + 42^0 = 12 + 52 + 272 + 420 \\
 756 &:= 1^2 + 9^3 + 25^1 + 40^0 = 12 + 93 + 251 + 400 \\
 756 &:= 1^3 + 22^0 + 25^1 + 27^2 = 13 + 220 + 251 + 272 \\
 756 &:= 1^5 + 2^6 + 5^4 + 66^1 = 15 + 26 + 54 + 661 \\
 756 &:= 1^8 + 3^6 + 5^2 + 65^0 = 18 + 36 + 52 + 650 \\
 756 &:= 1^9 + 3^6 + 25^1 + 45^0 = 19 + 36 + 251 + 450 \\
 756 &:= 13^2 + 15^2 + 19^2 + 28^0 = 132 + 152 + 192 + 280 \\
 756 &:= 2^2 + 9^3 + 22^1 + 42^0 = 22 + 93 + 221 + 420 \\
 756 &:= 2^3 + 18^1 + 27^2 + 28^0 = 23 + 181 + 272 + 280 \\
 756 &:= 3^2 + 11^2 + 25^2 + 36^0 = 32 + 112 + 252 + 360 \\
 756 &:= 3^2 + 9^3 + 17^1 + 46^0 = 32 + 93 + 171 + 460 \\
 756 &:= 4^2 + 9^3 + 10^1 + 52^0 = 42 + 93 + 101 + 520 \\
 756 &:= 4^3 + 15^1 + 26^2 + 30^0 = 43 + 151 + 262 + 300 \\
 756 &:= 5^1 + 5^3 + 25^2 + 40^0 = 51 + 53 + 252 + 400 \\
 756 &:= 5^2 + 17^2 + 21^2 + 32^0 = 52 + 172 + 212 + 320 \\
 756 &:= 6^0 + 8^3 + 14^2 + 47^1 = 60 + 83 + 142 + 471 \\
 756 &:= 6^3 + 10^1 + 23^2 + 36^0 = 63 + 101 + 232 + 360 \\
 756 &:= 7^2 + 9^2 + 25^2 + 34^0 = 72 + 92 + 252 + 340 \\
 756 &:= 7^3 + 12^1 + 20^2 + 36^0 = 73 + 121 + 202 + 360 \\
 756 &:= 8^3 + 15^2 + 18^1 + 34^0 = 83 + 152 + 181 + 340 \\
 756 &:= 1^0 + 1^3 + 22^0 + 24^1 + 27^2 = 10 + 13 + 220 + 241 + 272 \\
 756 &:= 1^1 + 1^2 + 22^0 + 24^1 + 27^2 = 11 + 12 + 220 + 241 + 272 \\
 756 &:= 1^1 + 12^0 + 17^2 + 21^2 + 24^1 = 11 + 120 + 172 + 212 + 241 \\
 756 &:= 1^1 + 14^1 + 16^2 + 22^0 + 22^2 = 11 + 141 + 162 + 220 + 222 \\
 756 &:= 1^1 + 2^2 + 21^1 + 24^0 + 27^2 = 11 + 22 + 211 + 240 + 272 \\
 756 &:= 1^1 + 8^2 + 14^1 + 26^0 + 26^2 = 11 + 82 + 141 + 260 + 262 \\
 756 &:= 1^2 + 10^1 + 15^1 + 22^0 + 27^2 = 12 + 101 + 151 + 220 + 272 \\
 756 &:= 1^2 + 11^1 + 14^1 + 22^0 + 27^2 = 12 + 111 + 141 + 220 + 272
 \end{aligned}$$

$$\begin{aligned}
 756 &:= 1^2 + 12^1 + 13^1 + 22^0 + 27^2 = 12 + 121 + 131 + 220 + 272 \\
 756 &:= 1^2 + 2^1 + 22^0 + 23^1 + 27^2 = 12 + 21 + 220 + 231 + 272 \\
 756 &:= 1^2 + 3^1 + 22^0 + 22^1 + 27^2 = 12 + 31 + 220 + 221 + 272 \\
 756 &:= 1^2 + 4^1 + 21^1 + 22^0 + 27^2 = 12 + 41 + 211 + 220 + 272 \\
 756 &:= 1^2 + 5^1 + 20^1 + 22^0 + 27^2 = 12 + 51 + 201 + 220 + 272 \\
 756 &:= 1^2 + 6^1 + 19^1 + 22^0 + 27^2 = 12 + 61 + 191 + 220 + 272 \\
 756 &:= 1^2 + 7^1 + 18^1 + 22^0 + 27^2 = 12 + 71 + 181 + 220 + 272 \\
 756 &:= 1^2 + 8^1 + 17^1 + 22^0 + 27^2 = 12 + 81 + 171 + 220 + 272 \\
 756 &:= 1^2 + 9^1 + 16^1 + 22^0 + 27^2 = 12 + 91 + 161 + 220 + 272 \\
 756 &:= 1^2 + 9^3 + 14^0 + 24^1 + 27^0 = 12 + 93 + 140 + 241 + 270 \\
 756 &:= 1^2 + 9^3 + 15^0 + 24^1 + 26^0 = 12 + 93 + 150 + 241 + 260 \\
 756 &:= 1^2 + 9^3 + 16^0 + 24^1 + 25^0 = 12 + 93 + 160 + 241 + 250 \\
 756 &:= 1^2 + 9^3 + 17^0 + 24^0 + 24^1 = 12 + 93 + 170 + 240 + 241 \\
 756 &:= 1^2 + 9^3 + 18^0 + 23^0 + 24^1 = 12 + 93 + 180 + 230 + 241 \\
 756 &:= 1^2 + 9^3 + 19^0 + 22^0 + 24^1 = 12 + 93 + 190 + 220 + 241 \\
 756 &:= 1^2 + 9^3 + 20^0 + 21^0 + 24^1 = 12 + 93 + 200 + 210 + 241 \\
 756 &:= 1^3 + 10^0 + 13^0 + 24^1 + 27^2 = 13 + 100 + 130 + 241 + 272 \\
 756 &:= 1^3 + 11^0 + 12^0 + 24^1 + 27^2 = 13 + 110 + 120 + 241 + 272 \\
 756 &:= 1^3 + 2^0 + 21^0 + 24^1 + 27^2 = 13 + 20 + 210 + 241 + 272 \\
 756 &:= 1^3 + 3^0 + 20^0 + 24^1 + 27^2 = 13 + 30 + 200 + 241 + 272 \\
 756 &:= 1^3 + 4^0 + 19^0 + 24^1 + 27^2 = 13 + 40 + 190 + 241 + 272 \\
 756 &:= 1^3 + 5^0 + 18^0 + 24^1 + 27^2 = 13 + 50 + 180 + 241 + 272 \\
 756 &:= 1^3 + 6^0 + 17^0 + 24^1 + 27^2 = 13 + 60 + 170 + 241 + 272 \\
 756 &:= 1^3 + 7^0 + 16^0 + 24^1 + 27^2 = 13 + 70 + 160 + 241 + 272 \\
 756 &:= 1^3 + 8^0 + 15^0 + 24^1 + 27^2 = 13 + 80 + 150 + 241 + 272 \\
 756 &:= 1^3 + 9^0 + 14^0 + 24^1 + 27^2 = 13 + 90 + 140 + 241 + 272 \\
 756 &:= 1^4 + 1^9 + 21^0 + 24^1 + 27^2 = 14 + 19 + 210 + 241 + 272 \\
 756 &:= 1^5 + 1^8 + 21^0 + 24^1 + 27^2 = 15 + 18 + 210 + 241 + 272 \\
 756 &:= 1^6 + 1^7 + 21^0 + 24^1 + 27^2 = 16 + 17 + 210 + 241 + 272 \\
 756 &:= 1^7 + 2^7 + 19^0 + 25^2 + 27^0 = 17 + 27 + 190 + 252 + 270
 \end{aligned}$$

$$\begin{aligned} 756 &:= 1^7 + 2^7 + 20^0 + 25^2 + 26^0 = 17 + 27 + 200 + 252 + 260 & 756 &:= 2^2 + 9^1 + 13^1 + 24^0 + 27^2 = 22 + 91 + 131 + 240 + 272 \\ 756 &:= 1^7 + 2^7 + 21^0 + 25^0 + 25^2 = 17 + 27 + 210 + 250 + 252 & 756 &:= 2^2 + 9^3 + 16^0 + 21^1 + 27^0 = 22 + 93 + 160 + 211 + 270 \\ 756 &:= 1^7 + 2^7 + 22^0 + 24^0 + 25^2 = 17 + 27 + 220 + 240 + 252 & 756 &:= 2^2 + 9^3 + 17^0 + 21^1 + 26^0 = 22 + 93 + 170 + 211 + 260 \\ 756 &:= 1^7 + 2^7 + 23^0 + 23^0 + 25^2 = 17 + 27 + 230 + 230 + 252 & 756 &:= 2^2 + 9^3 + 18^0 + 21^1 + 25^0 = 22 + 93 + 180 + 211 + 250 \\ 756 &:= 1^8 + 3^5 + 21^0 + 22^2 + 27^1 = 18 + 35 + 210 + 222 + 271 & 756 &:= 2^2 + 9^3 + 19^0 + 21^1 + 24^0 = 22 + 93 + 190 + 211 + 240 \\ 756 &:= 1^9 + 3^6 + 19^0 + 24^1 + 27^0 = 19 + 36 + 190 + 241 + 270 & 756 &:= 2^2 + 9^3 + 20^0 + 21^1 + 23^0 = 22 + 93 + 200 + 211 + 230 \\ 756 &:= 1^9 + 3^6 + 20^0 + 24^1 + 26^0 = 19 + 36 + 200 + 241 + 260 & 756 &:= 2^2 + 9^3 + 21^0 + 21^1 + 22^0 = 22 + 93 + 210 + 211 + 220 \\ 756 &:= 1^9 + 3^6 + 21^0 + 24^1 + 25^0 = 19 + 36 + 210 + 241 + 250 & 756 &:= 2^3 + 10^0 + 17^1 + 19^0 + 27^2 = 23 + 100 + 171 + 190 + 272 \\ 756 &:= 1^9 + 3^6 + 22^0 + 24^0 + 24^1 = 19 + 36 + 220 + 240 + 241 & 756 &:= 2^3 + 11^0 + 17^1 + 18^0 + 27^2 = 23 + 110 + 171 + 180 + 272 \\ 756 &:= 1^9 + 3^6 + 23^0 + 23^0 + 24^1 = 19 + 36 + 230 + 230 + 241 & 756 &:= 2^3 + 12^0 + 17^0 + 17^1 + 27^2 = 23 + 120 + 170 + 171 + 272 \\ 756 &:= 10^0 + 10^1 + 10^2 + 20^1 + 25^2 = 100 + 101 + 102 + 201 + 252 & 756 &:= 2^3 + 13^0 + 16^0 + 17^1 + 27^2 = 23 + 130 + 160 + 171 + 272 \\ 756 &:= 10^0 + 10^2 + 11^1 + 19^1 + 25^2 = 100 + 102 + 111 + 191 + 252 & 756 &:= 2^3 + 14^0 + 15^0 + 17^1 + 27^2 = 23 + 140 + 150 + 171 + 272 \\ 756 &:= 10^0 + 10^2 + 12^1 + 18^1 + 25^2 = 100 + 102 + 121 + 181 + 252 & 756 &:= 2^3 + 3^0 + 17^1 + 26^0 + 27^2 = 23 + 30 + 171 + 260 + 272 \\ 756 &:= 10^0 + 10^2 + 13^1 + 17^1 + 25^2 = 100 + 102 + 131 + 171 + 252 & 756 &:= 2^3 + 4^0 + 17^1 + 25^0 + 27^2 = 23 + 40 + 171 + 250 + 272 \\ 756 &:= 10^0 + 10^2 + 14^1 + 16^1 + 25^2 = 100 + 102 + 141 + 161 + 252 & 756 &:= 2^3 + 5^0 + 17^1 + 24^0 + 27^2 = 23 + 50 + 171 + 240 + 272 \\ 756 &:= 10^0 + 10^2 + 15^1 + 15^1 + 25^2 = 100 + 102 + 151 + 151 + 252 & 756 &:= 2^3 + 6^0 + 17^1 + 23^0 + 27^2 = 23 + 60 + 171 + 230 + 272 \\ 756 &:= 10^0 + 12^2 + 13^2 + 19^0 + 21^2 = 100 + 122 + 132 + 190 + 212 & 756 &:= 2^3 + 7^0 + 17^1 + 22^0 + 27^2 = 23 + 70 + 171 + 220 + 272 \\ 756 &:= 10^1 + 12^0 + 15^1 + 17^2 + 21^2 = 101 + 120 + 151 + 172 + 212 & 756 &:= 2^3 + 8^0 + 17^1 + 21^0 + 27^2 = 23 + 80 + 171 + 210 + 272 \\ 756 &:= 11^0 + 12^2 + 13^2 + 18^0 + 21^2 = 110 + 122 + 132 + 180 + 212 & 756 &:= 2^3 + 9^0 + 17^1 + 20^0 + 27^2 = 23 + 90 + 171 + 200 + 272 \\ 756 &:= 11^1 + 12^0 + 14^1 + 17^2 + 21^2 = 111 + 120 + 141 + 172 + 212 & 756 &:= 2^5 + 2^8 + 21^2 + 23^0 + 26^1 = 25 + 28 + 212 + 230 + 261 \\ 756 &:= 12^0 + 12^1 + 13^1 + 17^2 + 21^2 = 120 + 121 + 131 + 172 + 212 & 756 &:= 3^0 + 12^2 + 13^2 + 21^2 + 26^0 = 30 + 122 + 132 + 212 + 260 \\ 756 &:= 12^0 + 12^2 + 13^2 + 17^0 + 21^2 = 120 + 122 + 132 + 170 + 212 & 756 &:= 3^1 + 10^0 + 10^2 + 25^2 + 27^1 = 31 + 100 + 102 + 252 + 271 \\ 756 &:= 12^2 + 13^0 + 13^2 + 16^0 + 21^2 = 122 + 130 + 132 + 160 + 212 & 756 &:= 3^1 + 12^0 + 17^2 + 21^2 + 22^1 = 31 + 120 + 172 + 212 + 221 \\ 756 &:= 12^2 + 13^2 + 14^0 + 15^0 + 21^2 = 122 + 132 + 140 + 150 + 212 & 756 &:= 3^1 + 12^1 + 16^2 + 22^0 + 22^2 = 31 + 121 + 162 + 220 + 222 \\ 756 &:= 2^0 + 12^2 + 13^2 + 21^2 + 27^0 = 20 + 122 + 132 + 212 + 270 & 756 &:= 3^1 + 7^2 + 12^0 + 26^2 + 27^1 = 31 + 72 + 120 + 262 + 271 \\ 756 &:= 2^0 + 2^3 + 17^1 + 27^0 + 27^2 = 20 + 23 + 171 + 270 + 272 & 756 &:= 3^1 + 8^0 + 14^2 + 23^2 + 27^1 = 31 + 80 + 142 + 232 + 271 \\ 756 &:= 2^1 + 12^0 + 17^2 + 21^2 + 23^1 = 21 + 120 + 172 + 212 + 231 & 756 &:= 3^1 + 8^2 + 12^1 + 26^0 + 26^2 = 31 + 82 + 121 + 260 + 262 \\ 756 &:= 2^1 + 13^1 + 16^2 + 22^0 + 22^2 = 21 + 131 + 162 + 220 + 222 & 756 &:= 3^2 + 10^0 + 13^2 + 24^2 + 25^0 = 32 + 100 + 132 + 242 + 250 \\ 756 &:= 2^1 + 2^2 + 20^1 + 24^0 + 27^2 = 21 + 22 + 201 + 240 + 272 & 756 &:= 3^2 + 11^0 + 13^2 + 24^0 + 24^2 = 32 + 110 + 132 + 240 + 242 \\ 756 &:= 2^1 + 8^2 + 13^1 + 26^0 + 26^2 = 21 + 82 + 131 + 260 + 262 & 756 &:= 3^2 + 12^0 + 13^2 + 23^0 + 24^2 = 32 + 120 + 132 + 230 + 242 \\ 756 &:= 2^2 + 10^1 + 12^1 + 24^0 + 27^2 = 22 + 101 + 121 + 240 + 272 & 756 &:= 3^2 + 13^0 + 13^2 + 22^0 + 24^2 = 32 + 130 + 132 + 220 + 242 \\ 756 &:= 2^2 + 11^1 + 11^1 + 24^0 + 27^2 = 22 + 111 + 111 + 240 + 272 & 756 &:= 3^2 + 13^2 + 14^0 + 21^0 + 24^2 = 32 + 132 + 140 + 210 + 242 \\ 756 &:= 2^2 + 3^1 + 19^1 + 24^0 + 27^2 = 22 + 31 + 191 + 240 + 272 & 756 &:= 3^2 + 13^2 + 15^0 + 20^0 + 24^2 = 32 + 132 + 150 + 200 + 242 \\ 756 &:= 2^2 + 4^1 + 18^1 + 24^0 + 27^2 = 22 + 41 + 181 + 240 + 272 & 756 &:= 3^2 + 13^2 + 16^0 + 19^0 + 24^2 = 32 + 132 + 160 + 190 + 242 \\ 756 &:= 2^2 + 5^1 + 17^1 + 24^0 + 27^2 = 22 + 51 + 171 + 240 + 272 & 756 &:= 3^2 + 13^2 + 17^0 + 18^0 + 24^2 = 32 + 132 + 170 + 180 + 242 \\ 756 &:= 2^2 + 6^1 + 16^1 + 24^0 + 27^2 = 22 + 61 + 161 + 240 + 272 & 756 &:= 3^2 + 4^2 + 14^0 + 27^0 + 27^2 = 32 + 42 + 140 + 270 + 272 \\ 756 &:= 2^2 + 7^1 + 15^1 + 24^0 + 27^2 = 22 + 71 + 151 + 240 + 272 & 756 &:= 3^2 + 4^2 + 15^0 + 26^0 + 27^2 = 32 + 42 + 150 + 260 + 272 \\ 756 &:= 2^2 + 8^1 + 14^1 + 24^0 + 27^2 = 22 + 81 + 141 + 240 + 272 & 756 &:= 3^2 + 4^2 + 16^0 + 25^0 + 27^2 = 32 + 42 + 160 + 250 + 272 \end{aligned}$$

$$\begin{aligned} 756 &:= 3^2 + 4^2 + 17^0 + 24^0 + 27^2 = 32 + 42 + 170 + 240 + 272 & 756 &:= 4^1 + 5^3 + 15^0 + 25^2 + 26^0 = 41 + 53 + 150 + 252 + 260 \\ 756 &:= 3^2 + 4^2 + 18^0 + 23^0 + 27^2 = 32 + 42 + 180 + 230 + 272 & 756 &:= 4^1 + 5^3 + 16^0 + 25^0 + 25^2 = 41 + 53 + 160 + 250 + 252 \\ 756 &:= 3^2 + 4^2 + 19^0 + 22^0 + 27^2 = 32 + 42 + 190 + 220 + 272 & 756 &:= 4^1 + 5^3 + 17^0 + 24^0 + 25^2 = 41 + 53 + 170 + 240 + 252 \\ 756 &:= 3^2 + 4^2 + 20^0 + 21^0 + 27^2 = 32 + 42 + 200 + 210 + 272 & 756 &:= 4^1 + 5^3 + 18^0 + 23^0 + 25^2 = 41 + 53 + 180 + 230 + 252 \\ 756 &:= 3^2 + 8^0 + 13^2 + 24^2 + 27^0 = 32 + 80 + 132 + 242 + 270 & 756 &:= 4^1 + 5^3 + 19^0 + 22^0 + 25^2 = 41 + 53 + 190 + 220 + 252 \\ 756 &:= 3^2 + 9^0 + 13^2 + 24^2 + 26^0 = 32 + 90 + 132 + 242 + 260 & 756 &:= 4^1 + 5^3 + 20^0 + 21^0 + 25^2 = 41 + 53 + 200 + 210 + 252 \\ 756 &:= 3^2 + 9^3 + 16^1 + 20^0 + 27^0 = 32 + 93 + 161 + 200 + 270 & 756 &:= 4^1 + 6^0 + 18^2 + 20^2 + 27^1 = 41 + 60 + 182 + 202 + 271 \\ 756 &:= 3^2 + 9^3 + 16^1 + 21^0 + 26^0 = 32 + 93 + 161 + 210 + 260 & 756 &:= 4^1 + 7^2 + 12^0 + 26^1 + 26^2 = 41 + 72 + 120 + 261 + 262 \\ 756 &:= 3^2 + 9^3 + 16^1 + 22^0 + 25^0 = 32 + 93 + 161 + 220 + 250 & 756 &:= 4^1 + 8^0 + 14^2 + 23^2 + 26^1 = 41 + 80 + 142 + 232 + 261 \\ 756 &:= 3^2 + 9^3 + 16^1 + 23^0 + 24^0 = 32 + 93 + 161 + 230 + 240 & 756 &:= 4^1 + 8^2 + 11^1 + 26^0 + 26^2 = 41 + 82 + 111 + 260 + 262 \\ 756 &:= 4^0 + 10^1 + 12^2 + 24^2 + 25^1 = 40 + 101 + 122 + 242 + 251 & 756 &:= 4^2 + 9^1 + 9^3 + 26^0 + 27^0 = 42 + 91 + 93 + 260 + 270 \\ 756 &:= 4^0 + 10^1 + 19^2 + 19^2 + 23^1 = 40 + 101 + 192 + 192 + 231 & 756 &:= 4^3 + 10^0 + 14^1 + 21^0 + 26^2 = 43 + 100 + 141 + 210 + 262 \\ 756 &:= 4^0 + 11^1 + 12^2 + 24^1 + 24^2 = 40 + 111 + 122 + 241 + 242 & 756 &:= 4^3 + 11^0 + 14^1 + 20^0 + 26^2 = 43 + 110 + 141 + 200 + 262 \\ 756 &:= 4^0 + 11^1 + 19^2 + 19^2 + 22^1 = 40 + 111 + 192 + 192 + 221 & 756 &:= 4^3 + 12^0 + 14^1 + 19^0 + 26^2 = 43 + 120 + 141 + 190 + 262 \\ 756 &:= 4^0 + 12^1 + 12^2 + 23^1 + 24^2 = 40 + 121 + 122 + 231 + 242 & 756 &:= 4^3 + 13^0 + 14^1 + 18^0 + 26^2 = 43 + 130 + 141 + 180 + 262 \\ 756 &:= 4^0 + 12^1 + 19^2 + 19^2 + 21^1 = 40 + 121 + 192 + 192 + 211 & 756 &:= 4^3 + 14^0 + 14^1 + 17^0 + 26^2 = 43 + 140 + 141 + 170 + 262 \\ 756 &:= 4^0 + 12^2 + 13^1 + 22^1 + 24^2 = 40 + 122 + 131 + 221 + 242 & 756 &:= 4^3 + 14^1 + 15^0 + 16^0 + 26^2 = 43 + 141 + 150 + 160 + 262 \\ 756 &:= 4^0 + 12^2 + 13^2 + 21^2 + 25^0 = 40 + 122 + 132 + 212 + 250 & 756 &:= 4^3 + 5^0 + 14^1 + 26^0 + 26^2 = 43 + 50 + 141 + 260 + 262 \\ 756 &:= 4^0 + 12^2 + 14^1 + 21^1 + 24^2 = 40 + 122 + 141 + 211 + 242 & 756 &:= 4^3 + 6^0 + 14^1 + 25^0 + 26^2 = 43 + 60 + 141 + 250 + 262 \\ 756 &:= 4^0 + 12^2 + 15^1 + 20^1 + 24^2 = 40 + 122 + 151 + 201 + 242 & 756 &:= 4^3 + 7^0 + 14^1 + 24^0 + 26^2 = 43 + 70 + 141 + 240 + 262 \\ 756 &:= 4^0 + 12^2 + 16^1 + 19^1 + 24^2 = 40 + 122 + 161 + 191 + 242 & 756 &:= 4^3 + 8^0 + 14^1 + 23^0 + 26^2 = 43 + 80 + 141 + 230 + 262 \\ 756 &:= 4^0 + 12^2 + 17^1 + 18^1 + 24^2 = 40 + 122 + 171 + 181 + 242 & 756 &:= 4^3 + 9^0 + 14^1 + 22^0 + 26^2 = 43 + 90 + 141 + 220 + 262 \\ 756 &:= 4^0 + 13^1 + 19^2 + 19^2 + 20^1 = 40 + 131 + 192 + 192 + 201 & 756 &:= 5^0 + 12^2 + 13^2 + 21^2 + 24^0 = 50 + 122 + 132 + 212 + 240 \\ 756 &:= 4^0 + 14^1 + 19^1 + 19^2 + 19^2 = 40 + 141 + 191 + 192 + 192 & 756 &:= 5^0 + 9^2 + 12^2 + 23^2 + 26^0 = 50 + 92 + 122 + 232 + 260 \\ 756 &:= 4^0 + 15^1 + 18^1 + 19^2 + 19^2 = 40 + 151 + 181 + 192 + 192 & 756 &:= 5^1 + 10^0 + 10^2 + 25^1 + 25^2 = 51 + 100 + 102 + 251 + 252 \\ 756 &:= 4^0 + 16^1 + 17^1 + 19^2 + 19^2 = 40 + 161 + 171 + 192 + 192 & 756 &:= 5^1 + 10^1 + 16^2 + 22^0 + 22^2 = 51 + 101 + 162 + 220 + 222 \\ 756 &:= 4^0 + 4^3 + 14^1 + 26^2 + 27^0 = 40 + 43 + 141 + 262 + 270 & 756 &:= 5^1 + 12^0 + 17^2 + 20^1 + 21^2 = 51 + 120 + 172 + 201 + 212 \\ 756 &:= 4^0 + 6^1 + 19^2 + 19^2 + 27^1 = 40 + 61 + 192 + 192 + 271 & 756 &:= 5^1 + 6^0 + 18^2 + 20^2 + 26^1 = 51 + 60 + 182 + 202 + 261 \\ 756 &:= 4^0 + 7^1 + 19^2 + 19^2 + 26^1 = 40 + 71 + 192 + 192 + 261 & 756 &:= 5^1 + 7^2 + 12^0 + 25^1 + 26^2 = 51 + 72 + 120 + 251 + 262 \\ 756 &:= 4^0 + 8^1 + 12^2 + 24^2 + 27^1 = 40 + 81 + 122 + 242 + 271 & 756 &:= 5^1 + 8^0 + 14^2 + 23^2 + 25^1 = 51 + 80 + 142 + 232 + 251 \\ 756 &:= 4^0 + 8^1 + 19^2 + 19^2 + 25^1 = 40 + 81 + 192 + 192 + 251 & 756 &:= 5^1 + 8^2 + 10^1 + 26^0 + 26^2 = 51 + 82 + 101 + 260 + 262 \\ 756 &:= 4^0 + 9^1 + 12^2 + 24^2 + 26^1 = 40 + 91 + 122 + 242 + 261 & 756 &:= 6^0 + 10^1 + 18^2 + 20^2 + 21^1 = 60 + 101 + 182 + 202 + 211 \\ 756 &:= 4^0 + 9^1 + 19^2 + 19^2 + 24^1 = 40 + 91 + 192 + 192 + 241 & 756 &:= 6^0 + 11^1 + 18^2 + 20^1 + 20^2 = 60 + 111 + 182 + 201 + 202 \\ 756 &:= 4^0 + 9^2 + 12^2 + 23^2 + 27^0 = 40 + 92 + 122 + 232 + 270 & 756 &:= 6^0 + 12^1 + 18^2 + 19^1 + 20^2 = 60 + 121 + 182 + 191 + 202 \\ 756 &:= 4^1 + 10^0 + 10^2 + 25^2 + 26^1 = 41 + 100 + 102 + 252 + 261 & 756 &:= 6^0 + 12^2 + 13^2 + 21^2 + 23^0 = 60 + 122 + 132 + 212 + 230 \\ 756 &:= 4^1 + 11^1 + 16^2 + 22^0 + 22^2 = 41 + 111 + 162 + 220 + 222 & 756 &:= 6^0 + 13^1 + 18^1 + 18^2 + 20^2 = 60 + 131 + 181 + 182 + 202 \\ 756 &:= 4^1 + 12^0 + 17^2 + 21^1 + 21^2 = 41 + 120 + 172 + 211 + 212 & 756 &:= 6^0 + 14^1 + 17^1 + 18^2 + 20^2 = 60 + 141 + 171 + 182 + 202 \\ 756 &:= 4^1 + 5^3 + 14^0 + 25^2 + 27^0 = 41 + 53 + 140 + 252 + 270 & 756 &:= 6^0 + 15^1 + 16^1 + 18^2 + 20^2 = 60 + 151 + 161 + 182 + 202 \end{aligned}$$

$$\begin{aligned} 756 &:= 6^0 + 6^1 + 18^2 + 20^2 + 25^1 = 60 + 61 + 182 + 202 + 251 & 756 &:= 7^3 + 11^1 + 12^0 + 20^2 + 25^0 = 73 + 111 + 120 + 202 + 250 \\ 756 &:= 6^0 + 7^1 + 18^2 + 20^2 + 24^1 = 60 + 71 + 182 + 202 + 241 & 756 &:= 7^3 + 11^1 + 13^0 + 20^2 + 24^0 = 73 + 111 + 130 + 202 + 240 \\ 756 &:= 6^0 + 8^1 + 18^2 + 20^2 + 23^1 = 60 + 81 + 182 + 202 + 231 & 756 &:= 7^3 + 11^1 + 14^0 + 20^2 + 23^0 = 73 + 111 + 140 + 202 + 230 \\ 756 &:= 6^0 + 9^1 + 18^2 + 20^2 + 22^1 = 60 + 91 + 182 + 202 + 221 & 756 &:= 7^3 + 11^1 + 15^0 + 20^2 + 22^0 = 73 + 111 + 150 + 202 + 220 \\ 756 &:= 6^0 + 9^2 + 12^2 + 23^2 + 25^0 = 60 + 92 + 122 + 232 + 250 & 756 &:= 7^3 + 11^1 + 16^0 + 20^2 + 21^0 = 73 + 111 + 160 + 202 + 210 \\ 756 &:= 6^1 + 10^0 + 10^2 + 24^1 + 25^2 = 61 + 100 + 102 + 241 + 252 & 756 &:= 7^3 + 11^1 + 17^0 + 20^0 + 20^2 = 73 + 111 + 170 + 200 + 202 \\ 756 &:= 6^1 + 12^0 + 17^2 + 19^1 + 21^2 = 61 + 120 + 172 + 191 + 212 & 756 &:= 7^3 + 11^1 + 18^0 + 19^0 + 20^2 = 73 + 111 + 180 + 190 + 202 \\ 756 &:= 6^1 + 7^2 + 12^0 + 24^1 + 26^2 = 61 + 72 + 120 + 241 + 262 & 756 &:= 8^0 + 10^1 + 14^2 + 20^1 + 23^2 = 80 + 101 + 142 + 201 + 232 \\ 756 &:= 6^1 + 8^0 + 14^2 + 23^2 + 24^1 = 61 + 80 + 142 + 232 + 241 & 756 &:= 8^0 + 11^1 + 14^2 + 19^1 + 23^2 = 80 + 111 + 142 + 191 + 232 \\ 756 &:= 6^1 + 8^2 + 9^1 + 26^0 + 26^2 = 61 + 82 + 91 + 260 + 262 & 756 &:= 8^0 + 12^1 + 14^2 + 18^1 + 23^2 = 80 + 121 + 142 + 181 + 232 \\ 756 &:= 6^1 + 9^1 + 16^2 + 22^0 + 22^2 = 61 + 91 + 162 + 220 + 222 & 756 &:= 8^0 + 12^2 + 13^2 + 21^0 + 21^2 = 80 + 122 + 132 + 210 + 212 \\ 756 &:= 6^3 + 9^1 + 10^0 + 23^2 + 27^0 = 63 + 91 + 100 + 232 + 270 & 756 &:= 8^0 + 13^1 + 14^2 + 17^1 + 23^2 = 80 + 131 + 142 + 171 + 232 \\ 756 &:= 6^3 + 9^1 + 11^0 + 23^2 + 26^0 = 63 + 91 + 110 + 232 + 260 & 756 &:= 8^0 + 14^1 + 14^2 + 16^1 + 23^2 = 80 + 141 + 142 + 161 + 232 \\ 756 &:= 6^3 + 9^1 + 12^0 + 23^2 + 25^0 = 63 + 91 + 120 + 232 + 250 & 756 &:= 8^0 + 14^2 + 15^1 + 15^1 + 23^2 = 80 + 142 + 151 + 151 + 232 \\ 756 &:= 6^3 + 9^1 + 13^0 + 23^2 + 24^0 = 63 + 91 + 130 + 232 + 240 & 756 &:= 8^0 + 8^1 + 14^2 + 22^1 + 23^2 = 80 + 81 + 142 + 221 + 232 \\ 756 &:= 6^3 + 9^1 + 14^0 + 23^0 + 23^2 = 63 + 91 + 140 + 230 + 232 & 756 &:= 8^0 + 8^3 + 15^2 + 17^1 + 27^0 = 80 + 83 + 152 + 171 + 270 \\ 756 &:= 6^3 + 9^1 + 15^0 + 22^0 + 23^2 = 63 + 91 + 150 + 220 + 232 & 756 &:= 8^0 + 9^1 + 14^2 + 21^1 + 23^2 = 80 + 91 + 142 + 211 + 232 \\ 756 &:= 6^3 + 9^1 + 16^0 + 21^0 + 23^2 = 63 + 91 + 160 + 210 + 232 & 756 &:= 8^0 + 9^2 + 12^2 + 23^0 + 23^2 = 80 + 92 + 122 + 230 + 232 \\ 756 &:= 6^3 + 9^1 + 17^0 + 20^0 + 23^2 = 63 + 91 + 170 + 200 + 232 & 756 &:= 8^1 + 10^0 + 10^2 + 22^1 + 25^2 = 81 + 100 + 102 + 221 + 252 \\ 756 &:= 6^3 + 9^1 + 18^0 + 19^0 + 23^2 = 63 + 91 + 180 + 190 + 232 & 756 &:= 8^1 + 12^0 + 17^1 + 17^2 + 21^2 = 81 + 120 + 171 + 172 + 212 \\ 756 &:= 7^0 + 12^2 + 13^2 + 21^2 + 22^0 = 70 + 122 + 132 + 212 + 220 & 756 &:= 8^3 + 10^0 + 15^2 + 17^1 + 25^0 = 83 + 100 + 152 + 171 + 250 \\ 756 &:= 7^0 + 9^2 + 12^2 + 23^2 + 24^0 = 70 + 92 + 122 + 232 + 240 & 756 &:= 8^3 + 11^0 + 15^2 + 17^1 + 24^0 = 83 + 110 + 152 + 171 + 240 \\ 756 &:= 7^1 + 10^0 + 10^2 + 23^1 + 25^2 = 71 + 100 + 102 + 231 + 252 & 756 &:= 8^3 + 12^0 + 15^2 + 17^1 + 23^0 = 83 + 120 + 152 + 171 + 230 \\ 756 &:= 7^1 + 12^0 + 17^2 + 18^1 + 21^2 = 71 + 120 + 172 + 181 + 212 & 756 &:= 8^3 + 13^0 + 15^2 + 17^1 + 22^0 = 83 + 130 + 152 + 171 + 220 \\ 756 &:= 7^1 + 7^2 + 12^0 + 23^1 + 26^2 = 71 + 72 + 120 + 231 + 262 & 756 &:= 8^3 + 14^0 + 15^2 + 17^1 + 21^0 = 83 + 140 + 152 + 171 + 210 \\ 756 &:= 7^1 + 8^0 + 14^2 + 23^1 + 23^2 = 71 + 80 + 142 + 231 + 232 & 756 &:= 8^3 + 15^0 + 15^2 + 17^1 + 20^0 = 83 + 150 + 152 + 171 + 200 \\ 756 &:= 7^1 + 8^1 + 16^2 + 22^0 + 22^2 = 71 + 81 + 162 + 220 + 222 & 756 &:= 8^3 + 15^2 + 16^0 + 17^1 + 19^0 = 83 + 152 + 160 + 171 + 190 \\ 756 &:= 7^1 + 8^1 + 8^2 + 26^0 + 26^2 = 71 + 81 + 82 + 260 + 262 & 756 &:= 8^3 + 15^2 + 17^0 + 17^1 + 18^0 = 83 + 152 + 170 + 171 + 180 \\ 756 &:= 7^2 + 10^1 + 12^0 + 20^1 + 26^2 = 72 + 101 + 120 + 201 + 262 & 756 &:= 8^3 + 9^0 + 15^2 + 17^1 + 26^0 = 83 + 90 + 152 + 171 + 260 \\ 756 &:= 7^2 + 11^1 + 12^0 + 19^1 + 26^2 = 72 + 111 + 120 + 191 + 262 & 756 &:= 9^0 + 12^2 + 13^2 + 20^0 + 21^2 = 90 + 122 + 132 + 200 + 212 \\ 756 &:= 7^2 + 12^0 + 12^1 + 18^1 + 26^2 = 72 + 120 + 121 + 181 + 262 & 756 &:= 9^0 + 9^2 + 12^2 + 22^0 + 23^2 = 90 + 92 + 122 + 220 + 232 \\ 756 &:= 7^2 + 12^0 + 13^1 + 17^1 + 26^2 = 72 + 120 + 131 + 171 + 262 & 756 &:= 9^1 + 10^0 + 10^2 + 21^1 + 25^2 = 91 + 100 + 102 + 211 + 252 \\ 756 &:= 7^2 + 12^0 + 14^1 + 16^1 + 26^2 = 72 + 120 + 141 + 161 + 262 & 756 &:= 9^1 + 12^0 + 16^1 + 17^2 + 21^2 = 91 + 120 + 161 + 172 + 212 \\ 756 &:= 7^2 + 12^0 + 15^1 + 15^1 + 26^2 = 72 + 120 + 151 + 151 + 262 & 756 &:= 9^2 + 10^0 + 12^2 + 21^0 + 23^2 = 92 + 100 + 122 + 210 + 232 \\ 756 &:= 7^2 + 8^1 + 12^0 + 22^1 + 26^2 = 72 + 81 + 120 + 221 + 262 & 756 &:= 9^2 + 11^0 + 12^2 + 20^0 + 23^2 = 92 + 110 + 122 + 200 + 232 \\ 756 &:= 7^2 + 9^1 + 12^0 + 21^1 + 26^2 = 72 + 91 + 120 + 211 + 262 & 756 &:= 9^2 + 12^0 + 12^2 + 19^0 + 23^2 = 92 + 120 + 122 + 190 + 232 \\ 756 &:= 7^3 + 10^0 + 11^1 + 20^2 + 27^0 = 73 + 100 + 111 + 202 + 270 & 756 &:= 9^2 + 12^2 + 13^0 + 18^0 + 23^2 = 92 + 122 + 130 + 180 + 232 \\ 756 &:= 7^3 + 11^0 + 11^1 + 20^2 + 26^0 = 73 + 110 + 111 + 202 + 260 & 756 &:= 9^2 + 12^2 + 14^0 + 17^0 + 23^2 = 92 + 122 + 140 + 170 + 232 \end{aligned}$$

$$756 := 9^2 + 12^2 + 15^0 + 16^0 + 23^2 = 92 + 122 + 150 + 160 + 232$$

2.2.658 Number 757

$757 := 3^6 + 27^1 + 45^0$	$= 36 + 271 + 450$	$757 := 5^2 + 11^2 + 24^2 + 35^1$	$= 52 + 112 + 242 + 351$
$757 := 1^0 + 3^6 + 26^1 + 45^0$	$= 10 + 36 + 261 + 450$	$757 := 5^2 + 13^2 + 23^2 + 34^1$	$= 52 + 132 + 232 + 341$
$757 := 1^3 + 2^9 + 3^5 + 68^0$	$= 13 + 29 + 35 + 680$	$757 := 5^4 + 10^1 + 11^2 + 49^0$	$= 54 + 101 + 112 + 490$
$757 := 1^3 + 9^3 + 26^1 + 39^0$	$= 13 + 93 + 261 + 390$	$757 := 5^4 + 10^2 + 29^0 + 31^1$	$= 54 + 102 + 290 + 311$
$757 := 1^4 + 21^0 + 26^1 + 27^2$	$= 14 + 210 + 261 + 272$	$757 := 5^4 + 9^2 + 11^0 + 50^1$	$= 54 + 92 + 110 + 501$
$757 := 1^9 + 3^5 + 8^3 + 62^0$	$= 19 + 35 + 83 + 620$	$757 := 6^2 + 17^2 + 20^2 + 32^1$	$= 62 + 172 + 202 + 321$
$757 := 11^2 + 11^2 + 22^2 + 31^1$	$= 112 + 112 + 222 + 311$	$757 := 6^3 + 8^3 + 28^1 + 33^0$	$= 63 + 83 + 281 + 330$
$757 := 2^0 + 3^6 + 26^1 + 44^0$	$= 20 + 36 + 261 + 440$	$757 := 8^3 + 10^2 + 12^2 + 45^0$	$= 83 + 102 + 122 + 450$
$757 := 2^2 + 6^2 + 26^2 + 41^1$	$= 22 + 62 + 262 + 411$	$757 := 1^0 + 1^4 + 21^0 + 25^1 + 27^2$	$= 10 + 14 + 210 + 251 + 272$
$757 := 2^3 + 9^3 + 19^1 + 45^0$	$= 23 + 93 + 191 + 450$	$757 := 1^0 + 3^6 + 19^0 + 25^1 + 27^0$	$= 10 + 36 + 190 + 251 + 270$
$757 := 2^4 + 11^1 + 27^2 + 35^0$	$= 24 + 111 + 272 + 350$	$757 := 1^0 + 3^6 + 20^0 + 25^1 + 26^0$	$= 10 + 36 + 200 + 251 + 260$
$757 := 3^0 + 3^6 + 26^1 + 43^0$	$= 30 + 36 + 261 + 430$	$757 := 1^0 + 3^6 + 21^0 + 25^0 + 25^1$	$= 10 + 36 + 210 + 250 + 251$
$757 := 3^6 + 10^0 + 26^1 + 36^0$	$= 36 + 100 + 261 + 360$	$757 := 1^0 + 3^6 + 22^0 + 24^0 + 25^1$	$= 10 + 36 + 220 + 240 + 251$
$757 := 3^6 + 11^0 + 26^1 + 35^0$	$= 36 + 110 + 261 + 350$	$757 := 1^0 + 3^6 + 23^0 + 23^0 + 25^1$	$= 10 + 36 + 230 + 230 + 251$
$757 := 3^6 + 12^0 + 26^1 + 34^0$	$= 36 + 120 + 261 + 340$	$757 := 1^1 + 1^3 + 21^0 + 25^1 + 27^2$	$= 11 + 13 + 210 + 251 + 272$
$757 := 3^6 + 13^0 + 26^1 + 33^0$	$= 36 + 130 + 261 + 330$	$757 := 1^1 + 13^2 + 15^2 + 19^2 + 27^0$	$= 11 + 132 + 152 + 192 + 270$
$757 := 3^6 + 14^0 + 26^1 + 32^0$	$= 36 + 140 + 261 + 320$	$757 := 1^1 + 2^3 + 18^1 + 27^0 + 27^2$	$= 11 + 23 + 181 + 270 + 272$
$757 := 3^6 + 15^0 + 26^1 + 31^0$	$= 36 + 150 + 261 + 310$	$757 := 1^2 + 1^2 + 21^0 + 25^1 + 27^2$	$= 12 + 12 + 210 + 251 + 272$
$757 := 3^6 + 16^0 + 26^1 + 30^0$	$= 36 + 160 + 261 + 300$	$757 := 1^2 + 10^1 + 13^2 + 24^2 + 27^0$	$= 12 + 101 + 132 + 242 + 270$
$757 := 3^6 + 17^0 + 26^1 + 29^0$	$= 36 + 170 + 261 + 290$	$757 := 1^2 + 11^0 + 17^2 + 21^2 + 25^1$	$= 12 + 110 + 172 + 212 + 251$
$757 := 3^6 + 18^0 + 26^1 + 28^0$	$= 36 + 180 + 261 + 280$	$757 := 1^2 + 15^1 + 16^2 + 21^0 + 22^2$	$= 12 + 151 + 162 + 210 + 222$
$757 := 3^6 + 19^0 + 26^1 + 27^0$	$= 36 + 190 + 261 + 270$	$757 := 1^2 + 2^2 + 22^1 + 23^0 + 27^2$	$= 12 + 22 + 221 + 230 + 272$
$757 := 3^6 + 20^0 + 26^0 + 26^1$	$= 36 + 200 + 260 + 261$	$757 := 1^2 + 3^2 + 17^1 + 27^0 + 27^2$	$= 12 + 32 + 171 + 270 + 272$
$757 := 3^6 + 21^0 + 25^0 + 26^1$	$= 36 + 210 + 250 + 261$	$757 := 1^2 + 8^2 + 15^1 + 25^0 + 26^2$	$= 12 + 82 + 151 + 250 + 262$
$757 := 3^6 + 22^0 + 24^0 + 26^1$	$= 36 + 220 + 240 + 261$	$757 := 1^3 + 10^0 + 15^2 + 23^2 + 26^0$	$= 13 + 100 + 152 + 232 + 260$
$757 := 3^6 + 23^0 + 23^0 + 26^1$	$= 36 + 230 + 230 + 261$	$757 := 1^3 + 10^1 + 16^1 + 21^0 + 27^2$	$= 13 + 101 + 161 + 210 + 272$
$757 := 3^6 + 4^0 + 26^1 + 42^0$	$= 36 + 40 + 261 + 420$	$757 := 1^3 + 11^0 + 15^2 + 23^2 + 25^0$	$= 13 + 110 + 152 + 232 + 250$
$757 := 3^6 + 5^0 + 26^1 + 41^0$	$= 36 + 50 + 261 + 410$	$757 := 1^3 + 11^1 + 15^1 + 21^0 + 27^2$	$= 13 + 111 + 151 + 210 + 272$
$757 := 3^6 + 6^0 + 26^1 + 40^0$	$= 36 + 60 + 261 + 400$	$757 := 1^3 + 12^0 + 15^2 + 23^2 + 24^0$	$= 13 + 120 + 152 + 232 + 240$
$757 := 3^6 + 7^0 + 26^1 + 39^0$	$= 36 + 70 + 261 + 390$	$757 := 1^3 + 12^1 + 14^1 + 21^0 + 27^2$	$= 13 + 121 + 141 + 210 + 272$
$757 := 3^6 + 8^0 + 26^1 + 38^0$	$= 36 + 80 + 261 + 380$	$757 := 1^3 + 13^0 + 15^2 + 23^0 + 23^2$	$= 13 + 130 + 152 + 230 + 232$
$757 := 3^6 + 9^0 + 26^1 + 37^0$	$= 36 + 90 + 261 + 370$	$757 := 1^3 + 13^1 + 13^1 + 21^0 + 27^2$	$= 13 + 131 + 131 + 210 + 272$
$757 := 4^2 + 4^3 + 26^2 + 41^0$	$= 42 + 43 + 262 + 410$	$757 := 1^3 + 14^0 + 15^2 + 22^0 + 23^2$	$= 13 + 140 + 152 + 220 + 232$
$757 := 4^2 + 5^2 + 26^2 + 40^1$	$= 42 + 52 + 262 + 401$	$757 := 1^3 + 15^0 + 15^2 + 21^0 + 23^2$	$= 13 + 150 + 152 + 210 + 232$
$757 := 4^4 + 16^1 + 22^2 + 33^0$	$= 44 + 161 + 222 + 330$	$757 := 1^3 + 15^2 + 16^0 + 20^0 + 23^2$	$= 13 + 152 + 160 + 200 + 232$

$$\begin{aligned} 757 &:= 1^3 + 15^2 + 17^0 + 19^0 + 23^2 = 13 + 152 + 170 + 190 + 232 & 757 &:= 1^7 + 1^7 + 20^0 + 25^1 + 27^2 = 17 + 17 + 200 + 251 + 272 \\ 757 &:= 1^3 + 15^2 + 18^0 + 18^0 + 23^2 = 13 + 152 + 180 + 180 + 232 & 757 &:= 10^1 + 11^2 + 15^2 + 19^0 + 20^2 = 101 + 112 + 152 + 190 + 202 \\ 757 &:= 1^3 + 2^1 + 21^0 + 24^1 + 27^2 = 13 + 21 + 210 + 241 + 272 & 757 &:= 10^2 + 11^0 + 14^2 + 19^1 + 21^2 = 102 + 110 + 142 + 191 + 212 \\ 757 &:= 1^3 + 3^1 + 21^0 + 23^1 + 27^2 = 13 + 31 + 210 + 231 + 272 & 757 &:= 11^0 + 11^2 + 16^2 + 18^1 + 19^2 = 110 + 112 + 162 + 181 + 192 \\ 757 &:= 1^3 + 4^1 + 21^0 + 22^1 + 27^2 = 13 + 41 + 210 + 221 + 272 & 757 &:= 11^0 + 13^2 + 13^2 + 18^1 + 20^2 = 110 + 132 + 132 + 181 + 202 \\ 757 &:= 1^3 + 5^1 + 21^0 + 21^1 + 27^2 = 13 + 51 + 210 + 211 + 272 & 757 &:= 11^0 + 15^2 + 15^2 + 17^1 + 17^2 = 110 + 152 + 152 + 171 + 172 \\ 757 &:= 1^3 + 5^2 + 15^0 + 27^0 + 27^2 = 13 + 52 + 150 + 270 + 272 & 757 &:= 11^1 + 14^2 + 15^2 + 17^0 + 18^2 = 111 + 142 + 152 + 170 + 182 \\ 757 &:= 1^3 + 5^2 + 16^0 + 26^0 + 27^2 = 13 + 52 + 160 + 260 + 272 & 757 &:= 12^2 + 13^0 + 14^2 + 16^1 + 20^2 = 122 + 130 + 142 + 161 + 202 \\ 757 &:= 1^3 + 5^2 + 17^0 + 25^0 + 27^2 = 13 + 52 + 170 + 250 + 272 & 757 &:= 13^0 + 14^2 + 15^1 + 16^2 + 17^2 = 130 + 142 + 151 + 162 + 172 \\ 757 &:= 1^3 + 5^2 + 18^0 + 24^0 + 27^2 = 13 + 52 + 180 + 240 + 272 & 757 &:= 2^0 + 3^6 + 18^0 + 25^1 + 27^0 = 20 + 36 + 180 + 251 + 270 \\ 757 &:= 1^3 + 5^2 + 19^0 + 23^0 + 27^2 = 13 + 52 + 190 + 230 + 272 & 757 &:= 2^0 + 3^6 + 19^0 + 25^1 + 26^0 = 20 + 36 + 190 + 251 + 260 \\ 757 &:= 1^3 + 5^2 + 20^0 + 22^0 + 27^2 = 13 + 52 + 200 + 220 + 272 & 757 &:= 2^0 + 3^6 + 20^0 + 25^0 + 25^1 = 20 + 36 + 200 + 250 + 251 \\ 757 &:= 1^3 + 5^2 + 21^0 + 21^0 + 27^2 = 13 + 52 + 210 + 210 + 272 & 757 &:= 2^0 + 3^6 + 21^0 + 24^0 + 25^1 = 20 + 36 + 210 + 240 + 251 \\ 757 &:= 1^3 + 6^1 + 20^1 + 21^0 + 27^2 = 13 + 61 + 201 + 210 + 272 & 757 &:= 2^0 + 3^6 + 22^0 + 23^0 + 25^1 = 20 + 36 + 220 + 230 + 251 \\ 757 &:= 1^3 + 7^1 + 19^1 + 21^0 + 27^2 = 13 + 71 + 191 + 210 + 272 & 757 &:= 2^1 + 12^2 + 13^2 + 21^2 + 27^0 = 21 + 122 + 132 + 212 + 270 \\ 757 &:= 1^3 + 8^1 + 18^1 + 21^0 + 27^2 = 13 + 81 + 181 + 210 + 272 & 757 &:= 2^1 + 2^3 + 17^1 + 27^0 + 27^2 = 21 + 23 + 171 + 270 + 272 \\ 757 &:= 1^3 + 9^0 + 15^2 + 23^2 + 27^0 = 13 + 90 + 152 + 232 + 270 & 757 &:= 2^2 + 10^2 + 11^0 + 25^2 + 27^1 = 22 + 102 + 110 + 252 + 271 \\ 757 &:= 1^3 + 9^1 + 17^1 + 21^0 + 27^2 = 13 + 91 + 171 + 210 + 272 & 757 &:= 2^2 + 12^1 + 16^2 + 22^2 + 23^0 = 22 + 121 + 162 + 222 + 230 \\ 757 &:= 1^3 + 9^3 + 13^0 + 25^1 + 27^0 = 13 + 93 + 130 + 251 + 270 & 757 &:= 2^2 + 13^0 + 17^2 + 21^2 + 22^1 = 22 + 130 + 172 + 212 + 221 \\ 757 &:= 1^3 + 9^3 + 14^0 + 25^1 + 26^0 = 13 + 93 + 140 + 251 + 260 & 757 &:= 2^2 + 2^2 + 19^1 + 25^0 + 27^2 = 22 + 22 + 191 + 250 + 272 \\ 757 &:= 1^3 + 9^3 + 15^0 + 25^0 + 25^1 = 13 + 93 + 150 + 250 + 251 & 757 &:= 2^2 + 7^2 + 13^0 + 26^2 + 27^1 = 22 + 72 + 130 + 262 + 271 \\ 757 &:= 1^3 + 9^3 + 16^0 + 24^0 + 25^1 = 13 + 93 + 160 + 240 + 251 & 757 &:= 2^2 + 8^2 + 12^1 + 26^2 + 27^0 = 22 + 82 + 121 + 262 + 270 \\ 757 &:= 1^3 + 9^3 + 17^0 + 23^0 + 25^1 = 13 + 93 + 170 + 230 + 251 & 757 &:= 2^2 + 9^0 + 14^2 + 23^2 + 27^1 = 22 + 90 + 142 + 232 + 271 \\ 757 &:= 1^3 + 9^3 + 18^0 + 22^0 + 25^1 = 13 + 93 + 180 + 220 + 251 & 757 &:= 2^3 + 3^1 + 16^1 + 27^0 + 27^2 = 23 + 31 + 161 + 270 + 272 \\ 757 &:= 1^3 + 9^3 + 19^0 + 21^0 + 25^1 = 13 + 93 + 190 + 210 + 251 & 757 &:= 2^3 + 4^1 + 15^1 + 27^0 + 27^2 = 23 + 41 + 151 + 270 + 272 \\ 757 &:= 1^3 + 9^3 + 20^0 + 20^0 + 25^1 = 13 + 93 + 200 + 200 + 251 & 757 &:= 2^3 + 5^1 + 14^1 + 27^0 + 27^2 = 23 + 51 + 141 + 270 + 272 \\ 757 &:= 1^4 + 10^0 + 12^0 + 25^1 + 27^2 = 14 + 100 + 120 + 251 + 272 & 757 &:= 2^3 + 6^1 + 13^1 + 27^0 + 27^2 = 23 + 61 + 131 + 270 + 272 \\ 757 &:= 1^4 + 11^0 + 11^0 + 25^1 + 27^2 = 14 + 110 + 110 + 251 + 272 & 757 &:= 2^3 + 7^1 + 12^1 + 27^0 + 27^2 = 23 + 71 + 121 + 270 + 272 \\ 757 &:= 1^4 + 2^0 + 20^0 + 25^1 + 27^2 = 14 + 20 + 200 + 251 + 272 & 757 &:= 2^3 + 8^1 + 11^1 + 27^0 + 27^2 = 23 + 81 + 111 + 270 + 272 \\ 757 &:= 1^4 + 3^0 + 19^0 + 25^1 + 27^2 = 14 + 30 + 190 + 251 + 272 & 757 &:= 2^3 + 9^1 + 10^1 + 27^0 + 27^2 = 23 + 91 + 101 + 270 + 272 \\ 757 &:= 1^4 + 4^0 + 18^0 + 25^1 + 27^2 = 14 + 40 + 180 + 251 + 272 & 757 &:= 2^3 + 9^3 + 18^1 + 19^0 + 27^0 = 23 + 93 + 181 + 190 + 270 \\ 757 &:= 1^4 + 5^0 + 17^0 + 25^1 + 27^2 = 14 + 50 + 170 + 251 + 272 & 757 &:= 2^3 + 9^3 + 18^1 + 20^0 + 26^0 = 23 + 93 + 181 + 200 + 260 \\ 757 &:= 1^4 + 6^0 + 16^0 + 25^1 + 27^2 = 14 + 60 + 160 + 251 + 272 & 757 &:= 2^3 + 9^3 + 18^1 + 21^0 + 25^0 = 23 + 93 + 181 + 210 + 250 \\ 757 &:= 1^4 + 7^0 + 15^0 + 25^1 + 27^2 = 14 + 70 + 150 + 251 + 272 & 757 &:= 2^3 + 9^3 + 18^1 + 22^0 + 24^0 = 23 + 93 + 181 + 220 + 240 \\ 757 &:= 1^4 + 8^0 + 14^0 + 25^1 + 27^2 = 14 + 80 + 140 + 251 + 272 & 757 &:= 2^3 + 9^3 + 18^1 + 23^0 + 23^0 = 23 + 93 + 181 + 230 + 230 \\ 757 &:= 1^4 + 9^0 + 13^0 + 25^1 + 27^2 = 14 + 90 + 130 + 251 + 272 & 757 &:= 2^4 + 10^0 + 10^1 + 26^0 + 27^2 = 24 + 100 + 101 + 260 + 272 \\ 757 &:= 1^5 + 1^9 + 20^0 + 25^1 + 27^2 = 15 + 19 + 200 + 251 + 272 & 757 &:= 2^4 + 10^1 + 11^0 + 25^0 + 27^2 = 24 + 101 + 110 + 250 + 272 \\ 757 &:= 1^6 + 1^8 + 20^0 + 25^1 + 27^2 = 16 + 18 + 200 + 251 + 272 & 757 &:= 2^4 + 10^1 + 12^0 + 24^0 + 27^2 = 24 + 101 + 120 + 240 + 272 \end{aligned}$$

$$\begin{aligned} 757 &:= 2^4 + 10^1 + 13^0 + 23^0 + 27^2 = 24 + 101 + 130 + 230 + 272 & 757 &:= 3^6 + 11^0 + 13^0 + 23^0 + 25^1 = 36 + 110 + 130 + 230 + 251 \\ 757 &:= 2^4 + 10^1 + 14^0 + 22^0 + 27^2 = 24 + 101 + 140 + 220 + 272 & 757 &:= 3^6 + 11^0 + 14^0 + 22^0 + 25^1 = 36 + 110 + 140 + 220 + 251 \\ 757 &:= 2^4 + 10^1 + 15^0 + 21^0 + 27^2 = 24 + 101 + 150 + 210 + 272 & 757 &:= 3^6 + 11^0 + 15^0 + 21^0 + 25^1 = 36 + 110 + 150 + 210 + 251 \\ 757 &:= 2^4 + 10^1 + 16^0 + 20^0 + 27^2 = 24 + 101 + 160 + 200 + 272 & 757 &:= 3^6 + 11^0 + 16^0 + 20^0 + 25^1 = 36 + 110 + 160 + 200 + 251 \\ 757 &:= 2^4 + 10^1 + 17^0 + 19^0 + 27^2 = 24 + 101 + 170 + 190 + 272 & 757 &:= 3^6 + 11^0 + 17^0 + 19^0 + 25^1 = 36 + 110 + 170 + 190 + 251 \\ 757 &:= 2^4 + 10^1 + 18^0 + 18^0 + 27^2 = 24 + 101 + 180 + 180 + 272 & 757 &:= 3^6 + 11^0 + 18^0 + 18^0 + 25^1 = 36 + 110 + 180 + 180 + 251 \\ 757 &:= 2^4 + 9^0 + 10^1 + 27^0 + 27^2 = 24 + 90 + 101 + 270 + 272 & 757 &:= 3^6 + 12^0 + 12^0 + 23^0 + 25^1 = 36 + 120 + 120 + 230 + 251 \\ 757 &:= 3^0 + 12^2 + 12^2 + 21^2 + 27^1 = 30 + 122 + 122 + 212 + 271 & 757 &:= 3^6 + 12^0 + 13^0 + 22^0 + 25^1 = 36 + 120 + 130 + 220 + 251 \\ 757 &:= 3^0 + 12^2 + 15^2 + 19^2 + 26^1 = 30 + 122 + 152 + 192 + 261 & 757 &:= 3^6 + 12^0 + 14^0 + 21^0 + 25^1 = 36 + 120 + 140 + 210 + 251 \\ 757 &:= 3^0 + 3^6 + 17^0 + 25^1 + 27^0 = 30 + 36 + 170 + 251 + 270 & 757 &:= 3^6 + 12^0 + 15^0 + 20^0 + 25^1 = 36 + 120 + 150 + 200 + 251 \\ 757 &:= 3^0 + 3^6 + 18^0 + 25^1 + 26^0 = 30 + 36 + 180 + 251 + 260 & 757 &:= 3^6 + 12^0 + 16^0 + 19^0 + 25^1 = 36 + 120 + 160 + 190 + 251 \\ 757 &:= 3^0 + 3^6 + 19^0 + 25^0 + 25^1 = 30 + 36 + 190 + 250 + 251 & 757 &:= 3^6 + 12^0 + 17^0 + 18^0 + 25^1 = 36 + 120 + 170 + 180 + 251 \\ 757 &:= 3^0 + 3^6 + 20^0 + 24^0 + 25^1 = 30 + 36 + 200 + 240 + 251 & 757 &:= 3^6 + 13^0 + 13^0 + 21^0 + 25^1 = 36 + 130 + 130 + 210 + 251 \\ 757 &:= 3^0 + 3^6 + 21^0 + 23^0 + 25^1 = 30 + 36 + 210 + 230 + 251 & 757 &:= 3^6 + 13^0 + 14^0 + 20^0 + 25^1 = 36 + 130 + 140 + 200 + 251 \\ 757 &:= 3^0 + 3^6 + 22^0 + 22^0 + 25^1 = 30 + 36 + 220 + 220 + 251 & 757 &:= 3^6 + 13^0 + 15^0 + 19^0 + 25^1 = 36 + 130 + 150 + 190 + 251 \\ 757 &:= 3^0 + 9^2 + 18^2 + 18^2 + 27^1 = 30 + 92 + 182 + 182 + 271 & 757 &:= 3^6 + 13^0 + 16^0 + 18^0 + 25^1 = 36 + 130 + 160 + 180 + 251 \\ 757 &:= 3^1 + 10^2 + 13^2 + 22^2 + 27^0 = 31 + 102 + 132 + 222 + 270 & 757 &:= 3^6 + 13^0 + 17^0 + 17^0 + 25^1 = 36 + 130 + 170 + 170 + 251 \\ 757 &:= 3^1 + 14^2 + 14^2 + 19^2 + 25^0 = 31 + 142 + 142 + 192 + 250 & 757 &:= 3^6 + 14^0 + 14^0 + 19^0 + 25^1 = 36 + 140 + 140 + 190 + 251 \\ 757 &:= 3^1 + 8^2 + 17^2 + 20^2 + 27^0 = 31 + 82 + 172 + 202 + 270 & 757 &:= 3^6 + 14^0 + 15^0 + 18^0 + 25^1 = 36 + 140 + 150 + 180 + 251 \\ 757 &:= 3^2 + 10^2 + 15^0 + 22^1 + 25^2 = 32 + 102 + 150 + 221 + 252 & 757 &:= 3^6 + 14^0 + 16^0 + 17^0 + 25^1 = 36 + 140 + 160 + 170 + 251 \\ 757 &:= 3^2 + 11^0 + 18^2 + 20^2 + 23^1 = 32 + 110 + 182 + 202 + 231 & 757 &:= 3^6 + 15^0 + 15^0 + 17^0 + 25^1 = 36 + 150 + 150 + 170 + 251 \\ 757 &:= 3^2 + 13^0 + 14^2 + 22^1 + 23^2 = 32 + 130 + 142 + 221 + 232 & 757 &:= 3^6 + 15^0 + 16^0 + 16^0 + 25^1 = 36 + 150 + 160 + 160 + 251 \\ 757 &:= 3^2 + 17^0 + 17^1 + 17^2 + 21^2 = 32 + 170 + 171 + 172 + 212 & 757 &:= 3^6 + 4^0 + 16^0 + 25^1 + 27^0 = 36 + 40 + 160 + 251 + 270 \\ 757 &:= 3^2 + 7^1 + 16^2 + 22^2 + 27^0 = 32 + 71 + 162 + 222 + 270 & 757 &:= 3^6 + 4^0 + 17^0 + 25^1 + 26^0 = 36 + 40 + 170 + 251 + 260 \\ 757 &:= 3^2 + 7^2 + 17^0 + 22^1 + 26^2 = 32 + 72 + 170 + 221 + 262 & 757 &:= 3^6 + 4^0 + 18^0 + 25^0 + 25^1 = 36 + 40 + 180 + 250 + 251 \\ 757 &:= 3^2 + 9^0 + 12^2 + 24^2 + 27^1 = 32 + 90 + 122 + 242 + 271 & 757 &:= 3^6 + 4^0 + 19^0 + 24^0 + 25^1 = 36 + 40 + 190 + 240 + 251 \\ 757 &:= 3^2 + 9^0 + 19^2 + 19^2 + 25^1 = 32 + 90 + 192 + 192 + 251 & 757 &:= 3^6 + 4^0 + 20^0 + 23^0 + 25^1 = 36 + 40 + 200 + 230 + 251 \\ 757 &:= 3^6 + 10^0 + 10^0 + 25^1 + 27^0 = 36 + 100 + 100 + 251 + 270 & 757 &:= 3^6 + 4^0 + 21^0 + 22^0 + 25^1 = 36 + 40 + 210 + 220 + 251 \\ 757 &:= 3^6 + 10^0 + 11^0 + 25^1 + 26^0 = 36 + 100 + 110 + 251 + 260 & 757 &:= 3^6 + 5^0 + 15^0 + 25^1 + 27^0 = 36 + 50 + 150 + 251 + 270 \\ 757 &:= 3^6 + 10^0 + 12^0 + 25^0 + 25^1 = 36 + 100 + 120 + 250 + 251 & 757 &:= 3^6 + 5^0 + 16^0 + 25^1 + 26^0 = 36 + 50 + 160 + 251 + 260 \\ 757 &:= 3^6 + 10^0 + 13^0 + 24^0 + 25^1 = 36 + 100 + 130 + 240 + 251 & 757 &:= 3^6 + 5^0 + 17^0 + 25^0 + 25^1 = 36 + 50 + 170 + 250 + 251 \\ 757 &:= 3^6 + 10^0 + 14^0 + 23^0 + 25^1 = 36 + 100 + 140 + 230 + 251 & 757 &:= 3^6 + 5^0 + 18^0 + 24^0 + 25^1 = 36 + 50 + 180 + 240 + 251 \\ 757 &:= 3^6 + 10^0 + 15^0 + 22^0 + 25^1 = 36 + 100 + 150 + 220 + 251 & 757 &:= 3^6 + 5^0 + 19^0 + 23^0 + 25^1 = 36 + 50 + 190 + 230 + 251 \\ 757 &:= 3^6 + 10^0 + 16^0 + 21^0 + 25^1 = 36 + 100 + 160 + 210 + 251 & 757 &:= 3^6 + 5^0 + 20^0 + 22^0 + 25^1 = 36 + 50 + 200 + 220 + 251 \\ 757 &:= 3^6 + 10^0 + 17^0 + 20^0 + 25^1 = 36 + 100 + 170 + 200 + 251 & 757 &:= 3^6 + 5^0 + 21^0 + 21^0 + 25^1 = 36 + 50 + 210 + 210 + 251 \\ 757 &:= 3^6 + 10^0 + 18^0 + 19^0 + 25^1 = 36 + 100 + 180 + 190 + 251 & 757 &:= 3^6 + 6^0 + 14^0 + 25^1 + 27^0 = 36 + 60 + 140 + 251 + 270 \\ 757 &:= 3^6 + 11^0 + 11^0 + 25^0 + 25^1 = 36 + 110 + 110 + 250 + 251 & 757 &:= 3^6 + 6^0 + 15^0 + 25^1 + 26^0 = 36 + 60 + 150 + 251 + 260 \\ 757 &:= 3^6 + 11^0 + 12^0 + 24^0 + 25^1 = 36 + 110 + 120 + 240 + 251 & 757 &:= 3^6 + 6^0 + 16^0 + 25^0 + 25^1 = 36 + 60 + 160 + 250 + 251 \end{aligned}$$

$$\begin{aligned} 757 &:= 3^6 + 6^0 + 17^0 + 24^0 + 25^1 = 36 + 60 + 170 + 240 + 251 & 757 &:= 4^4 + 12^0 + 15^1 + 22^0 + 22^2 = 44 + 120 + 151 + 220 + 222 \\ 757 &:= 3^6 + 6^0 + 18^0 + 23^0 + 25^1 = 36 + 60 + 180 + 230 + 251 & 757 &:= 4^4 + 13^0 + 15^1 + 21^0 + 22^2 = 44 + 130 + 151 + 210 + 222 \\ 757 &:= 3^6 + 6^0 + 19^0 + 22^0 + 25^1 = 36 + 60 + 190 + 220 + 251 & 757 &:= 4^4 + 14^0 + 15^1 + 20^0 + 22^2 = 44 + 140 + 151 + 200 + 222 \\ 757 &:= 3^6 + 6^0 + 20^0 + 21^0 + 25^1 = 36 + 60 + 200 + 210 + 251 & 757 &:= 4^4 + 15^0 + 15^1 + 19^0 + 22^2 = 44 + 150 + 151 + 190 + 222 \\ 757 &:= 3^6 + 7^0 + 13^0 + 25^1 + 27^0 = 36 + 70 + 130 + 251 + 270 & 757 &:= 4^4 + 15^1 + 16^0 + 18^0 + 22^2 = 44 + 151 + 160 + 180 + 222 \\ 757 &:= 3^6 + 7^0 + 14^0 + 25^1 + 26^0 = 36 + 70 + 140 + 251 + 260 & 757 &:= 4^4 + 15^1 + 17^0 + 17^0 + 22^2 = 44 + 151 + 170 + 170 + 222 \\ 757 &:= 3^6 + 7^0 + 15^0 + 25^0 + 25^1 = 36 + 70 + 150 + 250 + 251 & 757 &:= 4^4 + 7^0 + 15^1 + 22^2 + 27^0 = 44 + 70 + 151 + 222 + 270 \\ 757 &:= 3^6 + 7^0 + 16^0 + 24^0 + 25^1 = 36 + 70 + 160 + 240 + 251 & 757 &:= 4^4 + 8^0 + 15^1 + 22^2 + 26^0 = 44 + 80 + 151 + 222 + 260 \\ 757 &:= 3^6 + 7^0 + 17^0 + 23^0 + 25^1 = 36 + 70 + 170 + 230 + 251 & 757 &:= 4^4 + 9^0 + 15^1 + 22^2 + 25^0 = 44 + 90 + 151 + 222 + 250 \\ 757 &:= 3^6 + 7^0 + 18^0 + 22^0 + 25^1 = 36 + 70 + 180 + 220 + 251 & 757 &:= 5^0 + 10^2 + 10^2 + 23^2 + 27^1 = 50 + 102 + 102 + 232 + 271 \\ 757 &:= 3^6 + 7^0 + 19^0 + 21^0 + 25^1 = 36 + 70 + 190 + 210 + 251 & 757 &:= 5^0 + 11^2 + 13^2 + 21^2 + 25^1 = 50 + 112 + 132 + 212 + 251 \\ 757 &:= 3^6 + 7^0 + 20^0 + 20^0 + 25^1 = 36 + 70 + 200 + 200 + 251 & 757 &:= 5^0 + 7^2 + 14^2 + 22^2 + 27^1 = 50 + 72 + 142 + 222 + 271 \\ 757 &:= 3^6 + 8^0 + 12^0 + 25^1 + 27^0 = 36 + 80 + 120 + 251 + 270 & 757 &:= 5^0 + 8^2 + 15^2 + 21^2 + 26^1 = 50 + 82 + 152 + 212 + 261 \\ 757 &:= 3^6 + 8^0 + 13^0 + 25^1 + 26^0 = 36 + 80 + 130 + 251 + 260 & 757 &:= 5^0 + 8^3 + 14^2 + 21^1 + 27^1 = 50 + 83 + 142 + 211 + 271 \\ 757 &:= 3^6 + 8^0 + 14^0 + 25^0 + 25^1 = 36 + 80 + 140 + 250 + 251 & 757 &:= 5^0 + 8^3 + 14^2 + 22^1 + 26^1 = 50 + 83 + 142 + 221 + 261 \\ 757 &:= 3^6 + 8^0 + 15^0 + 24^0 + 25^1 = 36 + 80 + 150 + 240 + 251 & 757 &:= 5^0 + 8^3 + 14^2 + 23^1 + 25^1 = 50 + 83 + 142 + 231 + 251 \\ 757 &:= 3^6 + 8^0 + 16^0 + 23^0 + 25^1 = 36 + 80 + 160 + 230 + 251 & 757 &:= 5^0 + 8^3 + 14^2 + 24^1 + 24^1 = 50 + 83 + 142 + 241 + 241 \\ 757 &:= 3^6 + 8^0 + 17^0 + 22^0 + 25^1 = 36 + 80 + 170 + 220 + 251 & 757 &:= 5^0 + 9^2 + 17^2 + 19^2 + 25^1 = 50 + 92 + 172 + 192 + 251 \\ 757 &:= 3^6 + 8^0 + 18^0 + 21^0 + 25^1 = 36 + 80 + 180 + 210 + 251 & 757 &:= 5^2 + 11^0 + 15^2 + 22^1 + 22^2 = 52 + 110 + 152 + 221 + 222 \\ 757 &:= 3^6 + 8^0 + 19^0 + 20^0 + 25^1 = 36 + 80 + 190 + 200 + 251 & 757 &:= 5^2 + 11^1 + 12^2 + 23^0 + 24^2 = 52 + 111 + 122 + 230 + 242 \\ 757 &:= 3^6 + 9^0 + 11^0 + 25^1 + 27^0 = 36 + 90 + 110 + 251 + 270 & 757 &:= 5^2 + 6^1 + 14^2 + 23^2 + 27^0 = 52 + 61 + 142 + 232 + 270 \\ 757 &:= 3^6 + 9^0 + 12^0 + 25^1 + 26^0 = 36 + 90 + 120 + 251 + 260 & 757 &:= 5^2 + 6^2 + 19^0 + 19^1 + 26^2 = 52 + 62 + 190 + 191 + 262 \\ 757 &:= 3^6 + 9^0 + 13^0 + 25^0 + 25^1 = 36 + 90 + 130 + 250 + 251 & 757 &:= 5^2 + 7^1 + 18^2 + 20^2 + 25^0 = 52 + 71 + 182 + 202 + 250 \\ 757 &:= 3^6 + 9^0 + 14^0 + 24^0 + 25^1 = 36 + 90 + 140 + 240 + 251 & 757 &:= 5^2 + 9^1 + 19^2 + 19^2 + 23^0 = 52 + 91 + 192 + 192 + 230 \\ 757 &:= 3^6 + 9^0 + 15^0 + 23^0 + 25^1 = 36 + 90 + 150 + 230 + 251 & 757 &:= 5^2 + 9^2 + 11^0 + 25^1 + 25^2 = 52 + 92 + 110 + 251 + 252 \\ 757 &:= 3^6 + 9^0 + 16^0 + 22^0 + 25^1 = 36 + 90 + 160 + 220 + 251 & 757 &:= 5^4 + 9^1 + 11^2 + 23^0 + 27^0 = 54 + 91 + 112 + 230 + 270 \\ 757 &:= 3^6 + 9^0 + 17^0 + 21^0 + 25^1 = 36 + 90 + 170 + 210 + 251 & 757 &:= 5^4 + 9^1 + 11^2 + 24^0 + 26^0 = 54 + 91 + 112 + 240 + 260 \\ 757 &:= 3^6 + 9^0 + 18^0 + 20^0 + 25^1 = 36 + 90 + 180 + 200 + 251 & 757 &:= 5^4 + 9^1 + 11^2 + 25^0 + 25^0 = 54 + 91 + 112 + 250 + 250 \\ 757 &:= 3^6 + 9^0 + 19^0 + 19^0 + 25^1 = 36 + 90 + 190 + 190 + 251 & 757 &:= 6^1 + 10^2 + 11^2 + 23^2 + 25^0 = 61 + 102 + 112 + 232 + 250 \\ 757 &:= 4^2 + 10^1 + 17^2 + 21^2 + 23^0 = 42 + 101 + 172 + 212 + 230 & 757 &:= 6^1 + 10^2 + 17^2 + 19^2 + 23^0 = 61 + 102 + 172 + 192 + 230 \\ 757 &:= 4^2 + 10^2 + 15^1 + 21^0 + 25^2 = 42 + 102 + 151 + 210 + 252 & 757 &:= 6^2 + 11^0 + 11^2 + 23^1 + 24^2 = 62 + 110 + 112 + 231 + 242 \\ 757 &:= 4^2 + 12^2 + 15^0 + 20^1 + 24^2 = 42 + 122 + 150 + 201 + 242 & 757 &:= 6^2 + 11^0 + 13^2 + 22^1 + 23^2 = 62 + 110 + 132 + 221 + 232 \\ 757 &:= 4^2 + 14^2 + 15^1 + 19^0 + 23^2 = 42 + 142 + 151 + 190 + 232 & 757 &:= 6^2 + 11^1 + 15^2 + 21^0 + 22^2 = 62 + 111 + 152 + 210 + 222 \\ 757 &:= 4^2 + 15^0 + 18^1 + 19^2 + 19^2 = 42 + 150 + 181 + 192 + 192 & 757 &:= 6^2 + 9^0 + 16^2 + 21^2 + 23^1 = 62 + 90 + 162 + 212 + 231 \\ 757 &:= 4^2 + 16^1 + 17^0 + 18^2 + 20^2 = 42 + 161 + 170 + 182 + 202 & 757 &:= 6^2 + 9^2 + 14^1 + 21^0 + 25^2 = 62 + 92 + 141 + 210 + 252 \\ 757 &:= 4^2 + 7^2 + 15^1 + 23^0 + 26^2 = 42 + 72 + 151 + 230 + 262 & 757 &:= 6^3 + 7^0 + 8^3 + 27^0 + 27^1 = 63 + 70 + 83 + 270 + 271 \\ 757 &:= 4^4 + 10^0 + 15^1 + 22^2 + 24^0 = 44 + 100 + 151 + 222 + 240 & 757 &:= 6^3 + 8^0 + 8^3 + 26^0 + 27^1 = 63 + 80 + 83 + 260 + 271 \\ 757 &:= 4^4 + 11^0 + 15^1 + 22^2 + 23^0 = 44 + 110 + 151 + 222 + 230 & 757 &:= 6^3 + 8^3 + 10^0 + 24^0 + 27^1 = 63 + 83 + 100 + 240 + 271 \end{aligned}$$

$757 := 6^3 + 8^3 + 11^0 + 23^0 + 27^1$	$= 63 + 83 + 110 + 230 + 271$	$757 := 7^2 + 13^0 + 17^2 + 18^1 + 20^2$	$= 72 + 130 + 172 + 181 + 202$
$757 := 6^3 + 8^3 + 12^0 + 22^0 + 27^1$	$= 63 + 83 + 120 + 220 + 271$	$757 := 7^2 + 8^2 + 17^0 + 18^1 + 25^2$	$= 72 + 82 + 170 + 181 + 252$
$757 := 6^3 + 8^3 + 13^0 + 21^0 + 27^1$	$= 63 + 83 + 130 + 210 + 271$	$757 := 7^2 + 9^0 + 18^2 + 19^2 + 22^1$	$= 72 + 90 + 182 + 192 + 221$
$757 := 6^3 + 8^3 + 14^0 + 20^0 + 27^1$	$= 63 + 83 + 140 + 200 + 271$	$757 := 7^2 + 9^1 + 13^2 + 23^0 + 23^2$	$= 72 + 91 + 132 + 230 + 232$
$757 := 6^3 + 8^3 + 15^0 + 19^0 + 27^1$	$= 63 + 83 + 150 + 190 + 271$	$757 := 8^1 + 10^2 + 18^2 + 18^2 + 21^0$	$= 81 + 102 + 182 + 182 + 210$
$757 := 6^3 + 8^3 + 16^0 + 18^0 + 27^1$	$= 63 + 83 + 160 + 180 + 271$	$757 := 8^2 + 10^2 + 16^1 + 17^0 + 24^2$	$= 82 + 102 + 161 + 170 + 242$
$757 := 6^3 + 8^3 + 17^0 + 17^0 + 27^1$	$= 63 + 83 + 170 + 170 + 271$	$757 := 8^2 + 12^1 + 14^2 + 19^0 + 22^2$	$= 82 + 121 + 142 + 190 + 222$
$757 := 6^3 + 8^3 + 9^0 + 25^0 + 27^1$	$= 63 + 83 + 90 + 250 + 271$	$757 := 8^2 + 12^2 + 13^0 + 19^1 + 23^2$	$= 82 + 122 + 130 + 191 + 232$
$757 := 7^0 + 11^2 + 17^2 + 18^2 + 22^1$	$= 70 + 112 + 172 + 182 + 221$	$757 := 9^0 + 15^2 + 16^2 + 16^2 + 19^1$	$= 90 + 152 + 162 + 162 + 191$
$757 := 7^0 + 9^2 + 11^2 + 23^2 + 25^1$	$= 70 + 92 + 112 + 232 + 251$	$757 := 9^0 + 9^2 + 13^2 + 22^1 + 22^2$	$= 90 + 92 + 132 + 221 + 222$
$757 := 7^1 + 11^2 + 12^2 + 22^2 + 23^0$	$= 71 + 112 + 122 + 222 + 230$	$757 := 9^1 + 13^2 + 17^2 + 17^2 + 19^0$	$= 91 + 132 + 172 + 172 + 190$
$757 := 7^1 + 13^2 + 16^2 + 18^2 + 21^0$	$= 71 + 132 + 162 + 182 + 210$	$757 := 9^1 + 9^2 + 15^2 + 21^0 + 21^2$	$= 91 + 92 + 152 + 210 + 212$
$757 := 7^1 + 8^2 + 18^2 + 19^2 + 23^0$	$= 71 + 82 + 182 + 192 + 230$	$757 := 9^2 + 11^0 + 16^2 + 19^1 + 20^2$	$= 92 + 110 + 162 + 191 + 202$
$757 := 7^2 + 10^1 + 11^2 + 23^0 + 24^2$	$= 72 + 101 + 112 + 230 + 242$	$757 := 9^2 + 9^2 + 15^0 + 18^1 + 24^2$	$= 92 + 92 + 150 + 181 + 242$
$757 := 7^2 + 10^1 + 16^2 + 21^0 + 21^2$	$= 72 + 101 + 162 + 210 + 212$		

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$758 := 1^1 + 3^6 + 27^1 + 44^0$	$= 11 + 36 + 271 + 440$	$758 := 3^6 + 8^1 + 20^1 + 44^0$	$= 36 + 81 + 201 + 440$
$758 := 1^2 + 3^3 + 9^3 + 62^0$	$= 12 + 33 + 93 + 620$	$758 := 3^6 + 9^1 + 19^1 + 44^0$	$= 36 + 91 + 191 + 440$
$758 := 1^3 + 3^3 + 27^2 + 44^0$	$= 13 + 33 + 272 + 440$	$758 := 5^3 + 5^4 + 7^1 + 58^0$	$= 53 + 54 + 71 + 580$
$758 := 1^4 + 9^3 + 27^1 + 38^0$	$= 14 + 93 + 271 + 380$	$758 := 5^3 + 7^3 + 17^2 + 46^0$	$= 53 + 73 + 172 + 460$
$758 := 1^5 + 20^0 + 27^1 + 27^2$	$= 15 + 200 + 271 + 272$	$758 := 1^0 + 1^5 + 20^0 + 26^1 + 27^2$	$= 10 + 15 + 200 + 261 + 272$
$758 := 1^9 + 3^3 + 3^6 + 67^0$	$= 19 + 33 + 36 + 670$	$758 := 1^1 + 1^4 + 20^0 + 26^1 + 27^2$	$= 11 + 14 + 200 + 261 + 272$
$758 := 2^1 + 3^6 + 26^1 + 44^0$	$= 21 + 36 + 261 + 440$	$758 := 1^1 + 3^6 + 18^0 + 26^1 + 27^0$	$= 11 + 36 + 180 + 261 + 270$
$758 := 2^4 + 9^3 + 12^1 + 52^0$	$= 24 + 93 + 121 + 520$	$758 := 1^1 + 3^6 + 19^0 + 26^0 + 26^1$	$= 11 + 36 + 190 + 260 + 261$
$758 := 3^1 + 3^6 + 25^1 + 44^0$	$= 31 + 36 + 251 + 440$	$758 := 1^1 + 3^6 + 20^0 + 25^0 + 26^1$	$= 11 + 36 + 200 + 250 + 261$
$758 := 3^4 + 10^2 + 24^2 + 38^0$	$= 34 + 102 + 242 + 380$	$758 := 1^1 + 3^6 + 21^0 + 24^0 + 26^1$	$= 11 + 36 + 210 + 240 + 261$
$758 := 3^5 + 20^0 + 22^2 + 30^1$	$= 35 + 200 + 222 + 301$	$758 := 1^1 + 3^6 + 22^0 + 23^0 + 26^1$	$= 11 + 36 + 220 + 230 + 261$
$758 := 3^6 + 10^1 + 18^1 + 44^0$	$= 36 + 101 + 181 + 440$	$758 := 1^2 + 1^3 + 20^0 + 26^1 + 27^2$	$= 12 + 13 + 200 + 261 + 272$
$758 := 3^6 + 11^1 + 17^1 + 44^0$	$= 36 + 111 + 171 + 440$	$758 := 1^2 + 2^3 + 19^1 + 26^0 + 27^2$	$= 12 + 23 + 191 + 260 + 272$
$758 := 3^6 + 12^1 + 16^1 + 44^0$	$= 36 + 121 + 161 + 440$	$758 := 1^3 + 10^0 + 17^2 + 21^2 + 26^1$	$= 13 + 100 + 172 + 212 + 261$
$758 := 3^6 + 13^1 + 15^1 + 44^0$	$= 36 + 131 + 151 + 440$	$758 := 1^3 + 11^1 + 13^2 + 24^2 + 26^0$	$= 13 + 111 + 132 + 242 + 260$
$758 := 3^6 + 14^1 + 14^1 + 44^0$	$= 36 + 141 + 141 + 440$	$758 := 1^3 + 16^1 + 16^2 + 20^0 + 22^2$	$= 13 + 161 + 162 + 200 + 222$
$758 := 3^6 + 4^1 + 24^1 + 44^0$	$= 36 + 41 + 241 + 440$	$758 := 1^3 + 2^2 + 22^0 + 23^1 + 27^2$	$= 13 + 22 + 220 + 231 + 272$
$758 := 3^6 + 5^1 + 23^1 + 44^0$	$= 36 + 51 + 231 + 440$	$758 := 1^3 + 3^2 + 18^1 + 26^0 + 27^2$	$= 13 + 32 + 181 + 260 + 272$
$758 := 3^6 + 6^1 + 22^1 + 44^0$	$= 36 + 61 + 221 + 440$	$758 := 1^3 + 8^2 + 16^1 + 24^0 + 26^2$	$= 13 + 82 + 161 + 240 + 262$
$758 := 3^6 + 7^1 + 21^1 + 44^0$	$= 36 + 71 + 211 + 440$	$758 := 1^4 + 10^1 + 17^1 + 20^0 + 27^2$	$= 14 + 101 + 171 + 200 + 272$

$$\begin{aligned} 758 &:= 1^4 + 11^1 + 16^1 + 20^0 + 27^2 = 14 + 111 + 161 + 200 + 272 & 758 &:= 2^3 + 10^0 + 18^2 + 20^2 + 25^1 = 23 + 100 + 182 + 202 + 251 \\ 758 &:= 1^4 + 12^1 + 15^1 + 20^0 + 27^2 = 14 + 121 + 151 + 200 + 272 & 758 &:= 2^3 + 10^2 + 14^0 + 24^1 + 25^2 = 23 + 102 + 140 + 241 + 252 \\ 758 &:= 1^4 + 13^1 + 14^1 + 20^0 + 27^2 = 14 + 131 + 141 + 200 + 272 & 758 &:= 2^3 + 12^0 + 14^2 + 23^2 + 24^1 = 23 + 120 + 142 + 232 + 241 \\ 758 &:= 1^4 + 2^1 + 20^0 + 25^1 + 27^2 = 14 + 21 + 200 + 251 + 272 & 758 &:= 2^3 + 16^0 + 17^2 + 19^1 + 21^2 = 23 + 160 + 172 + 191 + 212 \\ 758 &:= 1^4 + 3^1 + 20^0 + 24^1 + 27^2 = 14 + 31 + 200 + 241 + 272 & 758 &:= 2^3 + 7^2 + 16^0 + 24^1 + 26^2 = 23 + 72 + 160 + 241 + 262 \\ 758 &:= 1^4 + 4^1 + 20^0 + 23^1 + 27^2 = 14 + 41 + 200 + 231 + 272 & 758 &:= 2^3 + 8^0 + 19^2 + 19^2 + 27^1 = 23 + 80 + 192 + 192 + 271 \\ 758 &:= 1^4 + 5^1 + 20^0 + 22^1 + 27^2 = 14 + 51 + 200 + 221 + 272 & 758 &:= 2^3 + 9^1 + 16^2 + 22^2 + 26^0 = 23 + 91 + 162 + 222 + 260 \\ 758 &:= 1^4 + 6^1 + 20^0 + 21^1 + 27^2 = 14 + 61 + 200 + 211 + 272 & 758 &:= 2^4 + 10^0 + 16^2 + 22^2 + 25^0 = 24 + 100 + 162 + 222 + 250 \\ 758 &:= 1^4 + 7^1 + 20^0 + 20^1 + 27^2 = 14 + 71 + 200 + 201 + 272 & 758 &:= 2^4 + 11^0 + 16^2 + 22^2 + 24^0 = 24 + 110 + 162 + 222 + 240 \\ 758 &:= 1^4 + 8^1 + 19^1 + 20^0 + 27^2 = 14 + 81 + 191 + 200 + 272 & 758 &:= 2^4 + 12^0 + 16^2 + 22^2 + 23^0 = 24 + 120 + 162 + 222 + 230 \\ 758 &:= 1^4 + 9^1 + 18^1 + 20^0 + 27^2 = 14 + 91 + 181 + 200 + 272 & 758 &:= 2^4 + 13^0 + 16^2 + 22^0 + 22^2 = 24 + 130 + 162 + 220 + 222 \\ 758 &:= 1^4 + 9^3 + 12^0 + 26^1 + 27^0 = 14 + 93 + 120 + 261 + 270 & 758 &:= 2^4 + 14^0 + 16^2 + 21^0 + 22^2 = 24 + 140 + 162 + 210 + 222 \\ 758 &:= 1^4 + 9^3 + 13^0 + 26^0 + 26^1 = 14 + 93 + 130 + 260 + 261 & 758 &:= 2^4 + 15^0 + 16^2 + 20^0 + 22^2 = 24 + 150 + 162 + 200 + 222 \\ 758 &:= 1^4 + 9^3 + 14^0 + 25^0 + 26^1 = 14 + 93 + 140 + 250 + 261 & 758 &:= 2^4 + 16^0 + 16^2 + 19^0 + 22^2 = 24 + 160 + 162 + 190 + 222 \\ 758 &:= 1^4 + 9^3 + 15^0 + 24^0 + 26^1 = 14 + 93 + 150 + 240 + 261 & 758 &:= 2^4 + 16^2 + 17^0 + 18^0 + 22^2 = 24 + 162 + 170 + 180 + 222 \\ 758 &:= 1^4 + 9^3 + 16^0 + 23^0 + 26^1 = 14 + 93 + 160 + 230 + 261 & 758 &:= 2^4 + 8^0 + 16^2 + 22^2 + 27^0 = 24 + 80 + 162 + 222 + 270 \\ 758 &:= 1^4 + 9^3 + 17^0 + 22^0 + 26^1 = 14 + 93 + 170 + 220 + 261 & 758 &:= 2^4 + 8^2 + 12^0 + 26^2 + 27^0 = 24 + 82 + 120 + 262 + 270 \\ 758 &:= 1^4 + 9^3 + 18^0 + 21^0 + 26^1 = 14 + 93 + 180 + 210 + 261 & 758 &:= 2^4 + 8^2 + 13^0 + 26^0 + 26^2 = 24 + 82 + 130 + 260 + 262 \\ 758 &:= 1^4 + 9^3 + 19^0 + 20^0 + 26^1 = 14 + 93 + 190 + 200 + 261 & 758 &:= 2^4 + 8^2 + 14^0 + 25^0 + 26^2 = 24 + 82 + 140 + 250 + 262 \\ 758 &:= 1^5 + 10^0 + 11^0 + 26^1 + 27^2 = 15 + 100 + 110 + 261 + 272 & 758 &:= 2^4 + 8^2 + 15^0 + 24^0 + 26^2 = 24 + 82 + 150 + 240 + 262 \\ 758 &:= 1^5 + 2^0 + 19^0 + 26^1 + 27^2 = 15 + 20 + 190 + 261 + 272 & 758 &:= 2^4 + 8^2 + 16^0 + 23^0 + 26^2 = 24 + 82 + 160 + 230 + 262 \\ 758 &:= 1^5 + 3^0 + 18^0 + 26^1 + 27^2 = 15 + 30 + 180 + 261 + 272 & 758 &:= 2^4 + 8^2 + 17^0 + 22^0 + 26^2 = 24 + 82 + 170 + 220 + 262 \\ 758 &:= 1^5 + 4^0 + 17^0 + 26^1 + 27^2 = 15 + 40 + 170 + 261 + 272 & 758 &:= 2^4 + 8^2 + 18^0 + 21^0 + 26^2 = 24 + 82 + 180 + 210 + 262 \\ 758 &:= 1^5 + 5^0 + 16^0 + 26^1 + 27^2 = 15 + 50 + 160 + 261 + 272 & 758 &:= 2^4 + 8^2 + 19^0 + 20^0 + 26^2 = 24 + 82 + 190 + 200 + 262 \\ 758 &:= 1^5 + 6^0 + 15^0 + 26^1 + 27^2 = 15 + 60 + 150 + 261 + 272 & 758 &:= 2^4 + 9^0 + 16^2 + 22^2 + 26^0 = 24 + 90 + 162 + 222 + 260 \\ 758 &:= 1^5 + 7^0 + 14^0 + 26^1 + 27^2 = 15 + 70 + 140 + 261 + 272 & 758 &:= 2^4 + 9^3 + 11^1 + 26^0 + 27^0 = 24 + 93 + 111 + 260 + 270 \\ 758 &:= 1^5 + 8^0 + 13^0 + 26^1 + 27^2 = 15 + 80 + 130 + 261 + 272 & 758 &:= 3^1 + 3^6 + 18^0 + 24^1 + 27^0 = 31 + 36 + 180 + 241 + 270 \\ 758 &:= 1^5 + 9^0 + 12^0 + 26^1 + 27^2 = 15 + 90 + 120 + 261 + 272 & 758 &:= 3^1 + 3^6 + 19^0 + 24^1 + 26^0 = 31 + 36 + 190 + 241 + 260 \\ 758 &:= 1^6 + 1^9 + 19^0 + 26^1 + 27^2 = 16 + 19 + 190 + 261 + 272 & 758 &:= 3^1 + 3^6 + 20^0 + 24^1 + 25^0 = 31 + 36 + 200 + 241 + 250 \\ 758 &:= 1^7 + 1^8 + 19^0 + 26^1 + 27^2 = 17 + 18 + 190 + 261 + 272 & 758 &:= 3^1 + 3^6 + 21^0 + 24^0 + 24^1 = 31 + 36 + 210 + 240 + 241 \\ 758 &:= 10^2 + 10^2 + 14^2 + 19^2 + 22^0 = 102 + 102 + 142 + 192 + 220 & 758 &:= 3^1 + 3^6 + 22^0 + 23^0 + 24^1 = 31 + 36 + 220 + 230 + 241 \\ 758 &:= 13^2 + 14^2 + 14^2 + 14^2 + 20^0 = 132 + 142 + 142 + 142 + 200 & 758 &:= 3^2 + 10^2 + 18^2 + 18^2 + 26^0 = 32 + 102 + 182 + 182 + 260 \\ 758 &:= 2^1 + 3^6 + 18^0 + 25^1 + 27^0 = 21 + 36 + 180 + 251 + 270 & 758 &:= 3^3 + 10^1 + 12^2 + 24^2 + 26^0 = 33 + 101 + 122 + 242 + 260 \\ 758 &:= 2^1 + 3^6 + 19^0 + 25^1 + 26^0 = 21 + 36 + 190 + 251 + 260 & 758 &:= 3^3 + 14^0 + 15^2 + 21^1 + 22^2 = 33 + 140 + 152 + 211 + 222 \\ 758 &:= 2^1 + 3^6 + 20^0 + 25^0 + 25^1 = 21 + 36 + 200 + 250 + 251 & 758 &:= 3^3 + 6^2 + 18^1 + 22^0 + 26^2 = 33 + 62 + 181 + 220 + 262 \\ 758 &:= 2^1 + 3^6 + 21^0 + 24^0 + 25^1 = 21 + 36 + 210 + 240 + 251 & 758 &:= 3^3 + 8^1 + 19^2 + 19^2 + 26^0 = 33 + 81 + 192 + 192 + 260 \\ 758 &:= 2^1 + 3^6 + 22^0 + 23^0 + 25^1 = 21 + 36 + 220 + 230 + 251 & 758 &:= 3^3 + 9^2 + 14^0 + 24^1 + 25^2 = 33 + 92 + 140 + 241 + 252 \\ 758 &:= 2^2 + 14^2 + 14^2 + 19^2 + 26^0 = 22 + 142 + 142 + 192 + 260 & 758 &:= 3^5 + 8^3 + 10^0 + 27^0 + 27^0 = 35 + 83 + 100 + 270 + 270 \end{aligned}$$

$$\begin{aligned} 758 &:= 3^5 + 8^3 + 11^0 + 26^0 + 27^0 = 35 + 83 + 110 + 260 + 270 & 758 &:= 3^6 + 11^1 + 16^1 + 19^0 + 26^0 = 36 + 111 + 161 + 190 + 260 \\ 758 &:= 3^5 + 8^3 + 12^0 + 25^0 + 27^0 = 35 + 83 + 120 + 250 + 270 & 758 &:= 3^6 + 11^1 + 16^1 + 20^0 + 25^0 = 36 + 111 + 161 + 200 + 250 \\ 758 &:= 3^5 + 8^3 + 12^0 + 26^0 + 26^0 = 35 + 83 + 120 + 260 + 260 & 758 &:= 3^6 + 11^1 + 16^1 + 21^0 + 24^0 = 36 + 111 + 161 + 210 + 240 \\ 758 &:= 3^5 + 8^3 + 13^0 + 24^0 + 27^0 = 35 + 83 + 130 + 240 + 270 & 758 &:= 3^6 + 11^1 + 16^1 + 22^0 + 23^0 = 36 + 111 + 161 + 220 + 230 \\ 758 &:= 3^5 + 8^3 + 13^0 + 25^0 + 26^0 = 35 + 83 + 130 + 250 + 260 & 758 &:= 3^6 + 12^1 + 15^1 + 18^0 + 27^0 = 36 + 121 + 151 + 180 + 270 \\ 758 &:= 3^5 + 8^3 + 14^0 + 23^0 + 27^0 = 35 + 83 + 140 + 230 + 270 & 758 &:= 3^6 + 12^1 + 15^1 + 19^0 + 26^0 = 36 + 121 + 151 + 190 + 260 \\ 758 &:= 3^5 + 8^3 + 14^0 + 24^0 + 26^0 = 35 + 83 + 140 + 240 + 260 & 758 &:= 3^6 + 12^1 + 15^1 + 20^0 + 25^0 = 36 + 121 + 151 + 200 + 250 \\ 758 &:= 3^5 + 8^3 + 14^0 + 25^0 + 25^0 = 35 + 83 + 140 + 250 + 250 & 758 &:= 3^6 + 12^1 + 15^1 + 21^0 + 24^0 = 36 + 121 + 151 + 210 + 240 \\ 758 &:= 3^5 + 8^3 + 15^0 + 22^0 + 27^0 = 35 + 83 + 150 + 220 + 270 & 758 &:= 3^6 + 12^1 + 15^1 + 22^0 + 23^0 = 36 + 121 + 151 + 220 + 230 \\ 758 &:= 3^5 + 8^3 + 15^0 + 23^0 + 26^0 = 35 + 83 + 150 + 230 + 260 & 758 &:= 3^6 + 13^1 + 14^1 + 18^0 + 27^0 = 36 + 131 + 141 + 180 + 270 \\ 758 &:= 3^5 + 8^3 + 15^0 + 24^0 + 25^0 = 35 + 83 + 150 + 240 + 250 & 758 &:= 3^6 + 13^1 + 14^1 + 19^0 + 26^0 = 36 + 131 + 141 + 190 + 260 \\ 758 &:= 3^5 + 8^3 + 16^0 + 21^0 + 27^0 = 35 + 83 + 160 + 210 + 270 & 758 &:= 3^6 + 13^1 + 14^1 + 20^0 + 25^0 = 36 + 131 + 141 + 200 + 250 \\ 758 &:= 3^5 + 8^3 + 16^0 + 22^0 + 26^0 = 35 + 83 + 160 + 220 + 260 & 758 &:= 3^6 + 13^1 + 14^1 + 21^0 + 24^0 = 36 + 131 + 141 + 210 + 240 \\ 758 &:= 3^5 + 8^3 + 16^0 + 23^0 + 25^0 = 35 + 83 + 160 + 230 + 250 & 758 &:= 3^6 + 13^1 + 14^1 + 22^0 + 23^0 = 36 + 131 + 141 + 220 + 230 \\ 758 &:= 3^5 + 8^3 + 16^0 + 24^0 + 24^0 = 35 + 83 + 160 + 240 + 240 & 758 &:= 3^6 + 4^1 + 18^0 + 23^1 + 27^0 = 36 + 41 + 180 + 231 + 270 \\ 758 &:= 3^5 + 8^3 + 17^0 + 20^0 + 27^0 = 35 + 83 + 170 + 200 + 270 & 758 &:= 3^6 + 4^1 + 19^0 + 23^1 + 26^0 = 36 + 41 + 190 + 231 + 260 \\ 758 &:= 3^5 + 8^3 + 17^0 + 21^0 + 26^0 = 35 + 83 + 170 + 210 + 260 & 758 &:= 3^6 + 4^1 + 20^0 + 23^1 + 25^0 = 36 + 41 + 200 + 231 + 250 \\ 758 &:= 3^5 + 8^3 + 17^0 + 22^0 + 25^0 = 35 + 83 + 170 + 220 + 250 & 758 &:= 3^6 + 4^1 + 21^0 + 23^1 + 24^0 = 36 + 41 + 210 + 231 + 240 \\ 758 &:= 3^5 + 8^3 + 17^0 + 23^0 + 24^0 = 35 + 83 + 170 + 230 + 240 & 758 &:= 3^6 + 4^1 + 22^0 + 23^0 + 23^1 = 36 + 41 + 220 + 230 + 231 \\ 758 &:= 3^5 + 8^3 + 18^0 + 19^0 + 27^0 = 35 + 83 + 180 + 190 + 270 & 758 &:= 3^6 + 5^1 + 18^0 + 22^1 + 27^0 = 36 + 51 + 180 + 221 + 270 \\ 758 &:= 3^5 + 8^3 + 18^0 + 20^0 + 26^0 = 35 + 83 + 180 + 200 + 260 & 758 &:= 3^6 + 5^1 + 19^0 + 22^1 + 26^0 = 36 + 51 + 190 + 221 + 260 \\ 758 &:= 3^5 + 8^3 + 18^0 + 21^0 + 25^0 = 35 + 83 + 180 + 210 + 250 & 758 &:= 3^6 + 5^1 + 20^0 + 22^1 + 25^0 = 36 + 51 + 200 + 221 + 250 \\ 758 &:= 3^5 + 8^3 + 18^0 + 22^0 + 24^0 = 35 + 83 + 180 + 220 + 240 & 758 &:= 3^6 + 5^1 + 21^0 + 22^1 + 24^0 = 36 + 51 + 210 + 221 + 240 \\ 758 &:= 3^5 + 8^3 + 18^0 + 23^0 + 23^0 = 35 + 83 + 180 + 230 + 230 & 758 &:= 3^6 + 5^1 + 22^0 + 22^1 + 23^0 = 36 + 51 + 220 + 221 + 230 \\ 758 &:= 3^5 + 8^3 + 19^0 + 19^0 + 26^0 = 35 + 83 + 190 + 190 + 260 & 758 &:= 3^6 + 6^1 + 18^0 + 21^1 + 27^0 = 36 + 61 + 180 + 211 + 270 \\ 758 &:= 3^5 + 8^3 + 19^0 + 20^0 + 25^0 = 35 + 83 + 190 + 200 + 250 & 758 &:= 3^6 + 6^1 + 19^0 + 21^1 + 26^0 = 36 + 61 + 190 + 211 + 260 \\ 758 &:= 3^5 + 8^3 + 19^0 + 21^0 + 24^0 = 35 + 83 + 190 + 210 + 240 & 758 &:= 3^6 + 6^1 + 20^0 + 21^1 + 25^0 = 36 + 61 + 200 + 211 + 250 \\ 758 &:= 3^5 + 8^3 + 19^0 + 22^0 + 23^0 = 35 + 83 + 190 + 220 + 230 & 758 &:= 3^6 + 6^1 + 21^0 + 21^1 + 24^0 = 36 + 61 + 210 + 211 + 240 \\ 758 &:= 3^5 + 8^3 + 20^0 + 20^0 + 24^0 = 35 + 83 + 200 + 200 + 240 & 758 &:= 3^6 + 6^1 + 21^1 + 22^0 + 23^0 = 36 + 61 + 211 + 220 + 230 \\ 758 &:= 3^5 + 8^3 + 20^0 + 21^0 + 23^0 = 35 + 83 + 200 + 210 + 230 & 758 &:= 3^6 + 7^1 + 18^0 + 20^1 + 27^0 = 36 + 71 + 180 + 201 + 270 \\ 758 &:= 3^5 + 8^3 + 20^0 + 22^0 + 22^0 = 35 + 83 + 200 + 220 + 220 & 758 &:= 3^6 + 7^1 + 19^0 + 20^1 + 26^0 = 36 + 71 + 190 + 201 + 260 \\ 758 &:= 3^5 + 8^3 + 21^0 + 21^0 + 22^0 = 35 + 83 + 210 + 210 + 220 & 758 &:= 3^6 + 7^1 + 20^0 + 20^1 + 25^0 = 36 + 71 + 200 + 201 + 250 \\ 758 &:= 3^6 + 10^1 + 17^1 + 18^0 + 27^0 = 36 + 101 + 171 + 180 + 270 & 758 &:= 3^6 + 7^1 + 20^1 + 21^0 + 24^0 = 36 + 71 + 201 + 210 + 240 \\ 758 &:= 3^6 + 10^1 + 17^1 + 19^0 + 26^0 = 36 + 101 + 171 + 190 + 260 & 758 &:= 3^6 + 7^1 + 20^1 + 22^0 + 23^0 = 36 + 71 + 201 + 220 + 230 \\ 758 &:= 3^6 + 10^1 + 17^1 + 20^0 + 25^0 = 36 + 101 + 171 + 200 + 250 & 758 &:= 3^6 + 8^1 + 18^0 + 19^1 + 27^0 = 36 + 81 + 180 + 191 + 270 \\ 758 &:= 3^6 + 10^1 + 17^1 + 21^0 + 24^0 = 36 + 101 + 171 + 210 + 240 & 758 &:= 3^6 + 8^1 + 19^0 + 19^1 + 26^0 = 36 + 81 + 190 + 191 + 260 \\ 758 &:= 3^6 + 10^1 + 17^1 + 22^0 + 23^0 = 36 + 101 + 171 + 220 + 230 & 758 &:= 3^6 + 8^1 + 19^1 + 20^0 + 25^0 = 36 + 81 + 191 + 200 + 250 \\ 758 &:= 3^6 + 11^1 + 16^1 + 18^0 + 27^0 = 36 + 111 + 161 + 180 + 270 & 758 &:= 3^6 + 8^1 + 19^1 + 21^0 + 24^0 = 36 + 81 + 191 + 210 + 240 \end{aligned}$$

$758 := 3^6 + 8^1 + 19^1 + 22^0 + 23^0 = 36 + 81 + 191 + 220 + 230$	$758 := 5^3 + 6^2 + 20^0 + 20^1 + 24^2 = 53 + 62 + 200 + 201 + 242$
$758 := 3^6 + 9^1 + 18^0 + 18^1 + 27^0 = 36 + 91 + 180 + 181 + 270$	$758 := 5^3 + 9^2 + 16^0 + 22^1 + 23^2 = 53 + 92 + 160 + 221 + 232$
$758 := 3^6 + 9^1 + 18^1 + 19^0 + 26^0 = 36 + 91 + 181 + 190 + 260$	$758 := 5^4 + 9^2 + 10^0 + 24^1 + 27^1 = 54 + 92 + 100 + 241 + 271$
$758 := 3^6 + 9^1 + 18^1 + 20^0 + 25^0 = 36 + 91 + 181 + 200 + 250$	$758 := 5^4 + 9^2 + 10^0 + 25^1 + 26^1 = 54 + 92 + 100 + 251 + 261$
$758 := 3^6 + 9^1 + 18^1 + 21^0 + 24^0 = 36 + 91 + 181 + 210 + 240$	$758 := 6^2 + 6^2 + 18^2 + 19^2 + 26^0 = 62 + 62 + 182 + 192 + 260$
$758 := 3^6 + 9^1 + 18^1 + 22^0 + 23^0 = 36 + 91 + 181 + 220 + 230$	$758 := 6^2 + 6^3 + 20^0 + 21^1 + 22^2 = 62 + 63 + 200 + 211 + 222$
$758 := 4^2 + 14^2 + 16^2 + 17^2 + 24^0 = 42 + 142 + 162 + 172 + 240$	$758 := 6^2 + 7^3 + 17^1 + 19^2 + 26^0 = 62 + 73 + 171 + 192 + 260$
$758 := 4^2 + 4^4 + 18^0 + 22^2 + 27^0 = 42 + 44 + 180 + 222 + 270$	$758 := 6^3 + 10^0 + 15^2 + 17^2 + 27^1 = 63 + 100 + 152 + 172 + 271$
$758 := 4^2 + 4^4 + 19^0 + 22^2 + 26^0 = 42 + 44 + 190 + 222 + 260$	$758 := 6^3 + 11^1 + 13^2 + 19^2 + 26^0 = 63 + 111 + 132 + 192 + 260$
$758 := 4^2 + 4^4 + 20^0 + 22^2 + 25^0 = 42 + 44 + 200 + 222 + 250$	$758 := 6^3 + 11^2 + 18^0 + 20^1 + 20^2 = 63 + 112 + 180 + 201 + 202$
$758 := 4^2 + 4^4 + 21^0 + 22^2 + 24^0 = 42 + 44 + 210 + 222 + 240$	$758 := 6^3 + 14^2 + 16^0 + 18^2 + 21^1 = 63 + 142 + 160 + 182 + 211$
$758 := 4^2 + 4^4 + 22^0 + 22^2 + 23^0 = 42 + 44 + 220 + 222 + 230$	$758 := 6^3 + 6^3 + 18^0 + 18^2 + 27^0 = 63 + 63 + 180 + 182 + 270$
$758 := 4^3 + 10^2 + 17^1 + 20^0 + 24^2 = 43 + 102 + 171 + 200 + 242$	$758 := 6^3 + 6^3 + 18^2 + 19^0 + 26^0 = 63 + 63 + 182 + 190 + 260$
$758 := 4^3 + 12^2 + 16^0 + 20^1 + 23^2 = 43 + 122 + 160 + 201 + 232$	$758 := 6^3 + 6^3 + 18^2 + 20^0 + 25^0 = 63 + 63 + 182 + 200 + 250$
$758 := 4^3 + 13^1 + 14^2 + 22^0 + 22^2 = 43 + 131 + 142 + 220 + 222$	$758 := 6^3 + 6^3 + 18^2 + 21^0 + 24^0 = 63 + 63 + 182 + 210 + 240$
$758 := 4^3 + 7^2 + 19^1 + 20^0 + 25^2 = 43 + 72 + 191 + 200 + 252$	$758 := 6^3 + 6^3 + 18^2 + 22^0 + 23^0 = 63 + 63 + 182 + 220 + 230$
$758 := 4^3 + 8^0 + 15^2 + 21^2 + 27^1 = 43 + 80 + 152 + 212 + 271$	$758 := 6^3 + 9^2 + 19^1 + 20^0 + 21^2 = 63 + 92 + 191 + 200 + 212$
$758 := 4^3 + 8^1 + 18^2 + 19^2 + 26^0 = 43 + 81 + 182 + 192 + 260$	$758 := 7^2 + 14^2 + 16^2 + 16^2 + 22^0 = 72 + 142 + 162 + 162 + 220$
$758 := 4^4 + 10^2 + 14^0 + 20^2 + 27^0 = 44 + 102 + 140 + 202 + 270$	$758 := 7^2 + 8^3 + 13^2 + 20^0 + 27^1 = 72 + 83 + 132 + 200 + 271$
$758 := 4^4 + 10^2 + 15^0 + 20^2 + 26^0 = 44 + 102 + 150 + 202 + 260$	$758 := 7^3 + 10^2 + 16^0 + 17^2 + 25^1 = 73 + 102 + 160 + 172 + 251$
$758 := 4^4 + 10^2 + 16^0 + 20^2 + 25^0 = 44 + 102 + 160 + 202 + 250$	$758 := 7^3 + 12^2 + 14^1 + 16^2 + 26^0 = 73 + 122 + 141 + 162 + 260$
$758 := 4^4 + 10^2 + 17^0 + 20^2 + 24^0 = 44 + 102 + 170 + 202 + 240$	$758 := 7^3 + 13^2 + 15^2 + 20^0 + 20^1 = 73 + 132 + 152 + 200 + 201$
$758 := 4^4 + 10^2 + 18^0 + 20^2 + 23^0 = 44 + 102 + 180 + 202 + 230$	$758 := 7^3 + 14^2 + 14^2 + 18^0 + 22^1 = 73 + 142 + 142 + 180 + 221$
$758 := 4^4 + 10^2 + 19^0 + 20^2 + 22^0 = 44 + 102 + 190 + 202 + 220$	$758 := 7^3 + 8^2 + 16^0 + 18^2 + 26^1 = 73 + 82 + 160 + 182 + 261$
$758 := 4^4 + 10^2 + 20^0 + 20^2 + 21^0 = 44 + 102 + 200 + 202 + 210$	$758 := 8^2 + 12^2 + 15^2 + 18^2 + 22^0 = 82 + 122 + 152 + 182 + 220$
$758 := 5^2 + 8^3 + 14^2 + 24^0 + 24^1 = 52 + 83 + 142 + 240 + 241$	$758 := 8^2 + 8^2 + 10^2 + 23^2 + 26^0 = 82 + 82 + 102 + 232 + 260$
$758 := 5^3 + 10^0 + 11^2 + 22^2 + 27^1 = 53 + 100 + 112 + 222 + 271$	$758 := 8^3 + 10^2 + 11^2 + 22^0 + 24^1 = 83 + 102 + 112 + 220 + 241$
$758 := 5^3 + 13^2 + 14^0 + 21^2 + 22^1 = 53 + 132 + 140 + 212 + 221$	$758 := 8^3 + 9^2 + 12^2 + 20^1 + 26^0 = 83 + 92 + 122 + 201 + 260$
$758 := 5^3 + 15^1 + 16^2 + 19^2 + 20^0 = 53 + 151 + 162 + 192 + 200$	
$758 := 5^3 + 16^0 + 17^2 + 18^2 + 19^1 = 53 + 160 + 172 + 182 + 191$	

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$759 := 1^2 + 3^6 + 28^1 + 43^0 = 12 + 36 + 281 + 430$	$759 := 1^6 + 19^0 + 27^2 + 28^1 = 16 + 190 + 272 + 281$
$759 := 1^3 + 3^4 + 26^2 + 45^0 = 13 + 34 + 262 + 450$	$759 := 2^2 + 3^6 + 25^1 + 45^0 = 22 + 36 + 251 + 450$
$759 := 1^4 + 12^2 + 24^2 + 38^1 = 14 + 122 + 242 + 381$	$759 := 2^3 + 7^3 + 19^2 + 47^1 = 23 + 73 + 192 + 471$
$759 := 1^4 + 19^2 + 19^2 + 36^1 = 14 + 192 + 192 + 361$	$759 := 2^4 + 5^2 + 26^2 + 42^1 = 24 + 52 + 262 + 421$
$759 := 1^5 + 9^2 + 26^2 + 39^0 = 15 + 92 + 262 + 390$	$759 := 2^6 + 18^1 + 26^2 + 29^0 = 26 + 181 + 262 + 290$
$759 := 1^5 + 9^3 + 28^1 + 37^0 = 15 + 93 + 281 + 370$	$759 := 3^1 + 3^5 + 8^3 + 61^0 = 31 + 35 + 83 + 610$

$759 := 3^2 + 3^4 + 25^2 + 44^1$	$= 32 + 34 + 252 + 441$	$759 := 1^3 + 18^1 + 18^1 + 19^2 + 19^2$	$= 13 + 181 + 181 + 192 + 192$
$759 := 3^2 + 3^6 + 20^1 + 49^0$	$= 32 + 36 + 201 + 490$	$759 := 1^3 + 2^3 + 20^1 + 25^0 + 27^2$	$= 13 + 23 + 201 + 250 + 272$
$759 := 3^3 + 4^3 + 25^2 + 43^1$	$= 33 + 43 + 252 + 431$	$759 := 1^3 + 4^3 + 17^1 + 26^2 + 27^0$	$= 13 + 43 + 171 + 262 + 270$
$759 := 3^3 + 8^3 + 13^2 + 51^1$	$= 33 + 83 + 132 + 511$	$759 := 1^3 + 9^1 + 19^2 + 19^2 + 27^1$	$= 13 + 91 + 192 + 192 + 271$
$759 := 3^4 + 5^4 + 15^0 + 52^1$	$= 34 + 54 + 150 + 521$	$759 := 1^4 + 11^1 + 11^2 + 25^2 + 27^0$	$= 14 + 111 + 112 + 252 + 270$
$759 := 3^6 + 4^1 + 5^2 + 63^0$	$= 36 + 41 + 52 + 630$	$759 := 1^4 + 12^1 + 13^2 + 24^2 + 25^0$	$= 14 + 121 + 132 + 242 + 250$
$759 := 3^6 + 4^2 + 13^1 + 55^0$	$= 36 + 42 + 131 + 550$	$759 := 1^4 + 16^2 + 17^1 + 19^0 + 22^2$	$= 14 + 162 + 171 + 190 + 222$
$759 := 4^2 + 4^4 + 21^2 + 46^1$	$= 42 + 44 + 212 + 461$	$759 := 1^4 + 2^2 + 21^0 + 24^1 + 27^2$	$= 14 + 22 + 210 + 241 + 272$
$759 := 4^2 + 7^3 + 7^3 + 57^1$	$= 42 + 73 + 73 + 571$	$759 := 1^4 + 3^2 + 19^1 + 25^0 + 27^2$	$= 14 + 32 + 191 + 250 + 272$
$759 := 4^4 + 10^2 + 19^2 + 42^1$	$= 44 + 102 + 192 + 421$	$759 := 1^4 + 3^3 + 17^0 + 27^0 + 27^2$	$= 14 + 33 + 170 + 270 + 272$
$759 := 1^0 + 1^6 + 19^0 + 27^1 + 27^2$	$= 10 + 16 + 190 + 271 + 272$	$759 := 1^4 + 3^3 + 18^0 + 26^0 + 27^2$	$= 14 + 33 + 180 + 260 + 272$
$759 := 1^1 + 1^5 + 19^0 + 27^1 + 27^2$	$= 11 + 15 + 190 + 271 + 272$	$759 := 1^4 + 3^3 + 19^0 + 25^0 + 27^2$	$= 14 + 33 + 190 + 250 + 272$
$759 := 1^2 + 1^4 + 19^0 + 27^1 + 27^2$	$= 12 + 14 + 190 + 271 + 272$	$759 := 1^4 + 3^3 + 20^0 + 24^0 + 27^2$	$= 14 + 33 + 200 + 240 + 272$
$759 := 1^2 + 3^6 + 17^0 + 27^0 + 27^1$	$= 12 + 36 + 170 + 270 + 271$	$759 := 1^4 + 3^3 + 21^0 + 23^0 + 27^2$	$= 14 + 33 + 210 + 230 + 272$
$759 := 1^2 + 3^6 + 18^0 + 26^0 + 27^1$	$= 12 + 36 + 180 + 260 + 271$	$759 := 1^4 + 3^3 + 22^0 + 22^0 + 27^2$	$= 14 + 33 + 220 + 220 + 272$
$759 := 1^2 + 3^6 + 19^0 + 25^0 + 27^1$	$= 12 + 36 + 190 + 250 + 271$	$759 := 1^4 + 8^2 + 17^1 + 23^0 + 26^2$	$= 14 + 82 + 171 + 230 + 262$
$759 := 1^2 + 3^6 + 20^0 + 24^0 + 27^1$	$= 12 + 36 + 200 + 240 + 271$	$759 := 1^4 + 9^0 + 17^2 + 21^2 + 27^1$	$= 14 + 90 + 172 + 212 + 271$
$759 := 1^2 + 3^6 + 21^0 + 23^0 + 27^1$	$= 12 + 36 + 210 + 230 + 271$	$759 := 1^5 + 10^1 + 18^1 + 19^0 + 27^2$	$= 15 + 101 + 181 + 190 + 272$
$759 := 1^2 + 3^6 + 22^0 + 22^0 + 27^1$	$= 12 + 36 + 220 + 220 + 271$	$759 := 1^5 + 11^1 + 17^1 + 19^0 + 27^2$	$= 15 + 111 + 171 + 190 + 272$
$759 := 1^3 + 1^3 + 19^0 + 27^1 + 27^2$	$= 13 + 13 + 190 + 271 + 272$	$759 := 1^5 + 12^1 + 16^1 + 19^0 + 27^2$	$= 15 + 121 + 161 + 190 + 272$
$759 := 1^3 + 10^1 + 19^2 + 19^2 + 26^1$	$= 13 + 101 + 192 + 192 + 261$	$759 := 1^5 + 13^1 + 15^1 + 19^0 + 27^2$	$= 15 + 131 + 151 + 190 + 272$
$759 := 1^3 + 11^1 + 12^2 + 24^2 + 27^1$	$= 13 + 111 + 122 + 242 + 271$	$759 := 1^5 + 14^1 + 14^1 + 19^0 + 27^2$	$= 15 + 141 + 141 + 190 + 272$
$759 := 1^3 + 11^1 + 19^2 + 19^2 + 25^1$	$= 13 + 111 + 192 + 192 + 251$	$759 := 1^5 + 2^1 + 19^0 + 26^1 + 27^2$	$= 15 + 21 + 190 + 261 + 272$
$759 := 1^3 + 12^1 + 12^2 + 24^2 + 26^1$	$= 13 + 121 + 122 + 242 + 261$	$759 := 1^5 + 3^1 + 19^0 + 25^1 + 27^2$	$= 15 + 31 + 190 + 251 + 272$
$759 := 1^3 + 12^1 + 19^2 + 19^2 + 24^1$	$= 13 + 121 + 192 + 192 + 241$	$759 := 1^5 + 4^1 + 19^0 + 24^1 + 27^2$	$= 15 + 41 + 190 + 241 + 272$
$759 := 1^3 + 12^2 + 13^1 + 24^2 + 25^1$	$= 13 + 122 + 131 + 242 + 251$	$759 := 1^5 + 5^1 + 19^0 + 23^1 + 27^2$	$= 15 + 51 + 190 + 231 + 272$
$759 := 1^3 + 12^2 + 14^1 + 24^1 + 24^2$	$= 13 + 122 + 141 + 241 + 242$	$759 := 1^5 + 6^1 + 19^0 + 22^1 + 27^2$	$= 15 + 61 + 190 + 221 + 272$
$759 := 1^3 + 12^2 + 15^1 + 23^1 + 24^2$	$= 13 + 122 + 151 + 231 + 242$	$759 := 1^5 + 7^1 + 19^0 + 21^1 + 27^2$	$= 15 + 71 + 190 + 211 + 272$
$759 := 1^3 + 12^2 + 16^1 + 22^1 + 24^2$	$= 13 + 122 + 161 + 221 + 242$	$759 := 1^5 + 8^1 + 19^0 + 20^1 + 27^2$	$= 15 + 81 + 190 + 201 + 272$
$759 := 1^3 + 12^2 + 17^1 + 21^1 + 24^2$	$= 13 + 122 + 171 + 211 + 242$	$759 := 1^5 + 9^1 + 19^0 + 19^1 + 27^2$	$= 15 + 91 + 190 + 191 + 272$
$759 := 1^3 + 12^2 + 17^2 + 18^2 + 27^0$	$= 13 + 122 + 172 + 182 + 270$	$759 := 1^5 + 9^3 + 11^0 + 27^0 + 27^1$	$= 15 + 93 + 110 + 270 + 271$
$759 := 1^3 + 12^2 + 18^1 + 20^1 + 24^2$	$= 13 + 122 + 181 + 201 + 242$	$759 := 1^5 + 9^3 + 12^0 + 26^0 + 27^1$	$= 15 + 93 + 120 + 260 + 271$
$759 := 1^3 + 12^2 + 19^1 + 19^1 + 24^2$	$= 13 + 122 + 191 + 191 + 242$	$759 := 1^5 + 9^3 + 13^0 + 25^0 + 27^1$	$= 15 + 93 + 130 + 250 + 271$
$759 := 1^3 + 13^1 + 19^2 + 19^2 + 23^1$	$= 13 + 131 + 192 + 192 + 231$	$759 := 1^5 + 9^3 + 14^0 + 24^0 + 27^1$	$= 15 + 93 + 140 + 240 + 271$
$759 := 1^3 + 14^1 + 19^2 + 19^2 + 22^1$	$= 13 + 141 + 192 + 192 + 221$	$759 := 1^5 + 9^3 + 15^0 + 23^0 + 27^1$	$= 15 + 93 + 150 + 230 + 271$
$759 := 1^3 + 15^1 + 19^2 + 19^2 + 21^1$	$= 13 + 151 + 192 + 192 + 211$	$759 := 1^5 + 9^3 + 16^0 + 22^0 + 27^1$	$= 15 + 93 + 160 + 220 + 271$
$759 := 1^3 + 16^1 + 19^2 + 19^2 + 20^1$	$= 13 + 161 + 192 + 192 + 201$	$759 := 1^5 + 9^3 + 17^0 + 21^0 + 27^1$	$= 15 + 93 + 170 + 210 + 271$
$759 := 1^3 + 17^1 + 19^1 + 19^2 + 19^2$	$= 13 + 171 + 191 + 192 + 192$	$759 := 1^5 + 9^3 + 18^0 + 20^0 + 27^1$	$= 15 + 93 + 180 + 200 + 271$

$$\begin{aligned} 759 &:= 1^5 + 9^3 + 19^0 + 19^0 + 27^1 = 15 + 93 + 190 + 190 + 271 & 759 &:= 2^5 + 10^2 + 19^0 + 19^0 + 25^2 = 25 + 102 + 190 + 190 + 252 \\ 759 &:= 1^6 + 10^0 + 10^0 + 27^1 + 27^2 = 16 + 100 + 100 + 271 + 272 & 759 &:= 2^5 + 11^0 + 14^2 + 23^2 + 25^0 = 25 + 110 + 142 + 232 + 250 \\ 759 &:= 1^6 + 2^0 + 18^0 + 27^1 + 27^2 = 16 + 20 + 180 + 271 + 272 & 759 &:= 2^5 + 12^0 + 14^2 + 23^2 + 24^0 = 25 + 120 + 142 + 232 + 240 \\ 759 &:= 1^6 + 3^0 + 17^0 + 27^1 + 27^2 = 16 + 30 + 170 + 271 + 272 & 759 &:= 2^5 + 13^0 + 14^2 + 23^0 + 23^2 = 25 + 130 + 142 + 230 + 232 \\ 759 &:= 1^6 + 4^0 + 16^0 + 27^1 + 27^2 = 16 + 40 + 160 + 271 + 272 & 759 &:= 2^5 + 14^0 + 14^2 + 22^0 + 23^2 = 25 + 140 + 142 + 220 + 232 \\ 759 &:= 1^6 + 5^0 + 15^0 + 27^1 + 27^2 = 16 + 50 + 150 + 271 + 272 & 759 &:= 2^5 + 14^2 + 15^0 + 21^0 + 23^2 = 25 + 142 + 150 + 210 + 232 \\ 759 &:= 1^6 + 6^0 + 14^0 + 27^1 + 27^2 = 16 + 60 + 140 + 271 + 272 & 759 &:= 2^5 + 14^2 + 16^0 + 20^0 + 23^2 = 25 + 142 + 160 + 200 + 232 \\ 759 &:= 1^6 + 7^0 + 13^0 + 27^1 + 27^2 = 16 + 70 + 130 + 271 + 272 & 759 &:= 2^5 + 14^2 + 17^0 + 19^0 + 23^2 = 25 + 142 + 170 + 190 + 232 \\ 759 &:= 1^6 + 8^0 + 12^0 + 27^1 + 27^2 = 16 + 80 + 120 + 271 + 272 & 759 &:= 2^5 + 14^2 + 18^0 + 18^0 + 23^2 = 25 + 142 + 180 + 180 + 232 \\ 759 &:= 1^6 + 9^0 + 11^0 + 27^1 + 27^2 = 16 + 90 + 110 + 271 + 272 & 759 &:= 2^5 + 7^2 + 13^0 + 26^2 + 27^0 = 25 + 72 + 130 + 262 + 270 \\ 759 &:= 1^7 + 1^9 + 18^0 + 27^1 + 27^2 = 17 + 19 + 180 + 271 + 272 & 759 &:= 2^5 + 7^2 + 14^0 + 26^0 + 26^2 = 25 + 72 + 140 + 260 + 262 \\ 759 &:= 1^8 + 1^8 + 18^0 + 27^1 + 27^2 = 18 + 18 + 180 + 271 + 272 & 759 &:= 2^5 + 7^2 + 15^0 + 25^0 + 26^2 = 25 + 72 + 150 + 250 + 262 \\ 759 &:= 10^2 + 12^2 + 13^2 + 18^2 + 22^1 = 102 + 122 + 132 + 182 + 221 & 759 &:= 2^5 + 7^2 + 16^0 + 24^0 + 26^2 = 25 + 72 + 160 + 240 + 262 \\ 759 &:= 11^2 + 14^2 + 14^2 + 15^2 + 21^1 = 112 + 142 + 142 + 152 + 211 & 759 &:= 2^5 + 7^2 + 17^0 + 23^0 + 26^2 = 25 + 72 + 170 + 230 + 262 \\ 759 &:= 12^2 + 12^2 + 15^2 + 15^2 + 21^1 = 122 + 122 + 152 + 152 + 211 & 759 &:= 2^5 + 7^2 + 18^0 + 22^0 + 26^2 = 25 + 72 + 180 + 220 + 262 \\ 759 &:= 12^2 + 13^2 + 13^2 + 16^2 + 21^1 = 122 + 132 + 132 + 162 + 211 & 759 &:= 2^5 + 7^2 + 19^0 + 21^0 + 26^2 = 25 + 72 + 190 + 210 + 262 \\ 759 &:= 2^2 + 3^6 + 19^0 + 24^1 + 27^0 = 22 + 36 + 190 + 241 + 270 & 759 &:= 2^5 + 7^2 + 20^0 + 20^0 + 26^2 = 25 + 72 + 200 + 200 + 262 \\ 759 &:= 2^2 + 3^6 + 20^0 + 24^1 + 26^0 = 22 + 36 + 200 + 241 + 260 & 759 &:= 2^5 + 9^0 + 14^2 + 23^2 + 27^0 = 25 + 90 + 142 + 232 + 270 \\ 759 &:= 2^2 + 3^6 + 21^0 + 24^1 + 25^0 = 22 + 36 + 210 + 241 + 250 & 759 &:= 2^6 + 10^0 + 17^1 + 20^0 + 26^2 = 26 + 100 + 171 + 200 + 262 \\ 759 &:= 2^2 + 3^6 + 22^0 + 24^0 + 24^1 = 22 + 36 + 220 + 240 + 241 & 759 &:= 2^6 + 11^0 + 17^1 + 19^0 + 26^2 = 26 + 110 + 171 + 190 + 262 \\ 759 &:= 2^2 + 3^6 + 23^0 + 23^0 + 24^1 = 22 + 36 + 230 + 230 + 241 & 759 &:= 2^6 + 12^0 + 17^1 + 18^0 + 26^2 = 26 + 120 + 171 + 180 + 262 \\ 759 &:= 2^3 + 10^2 + 17^2 + 19^2 + 27^0 = 23 + 102 + 172 + 192 + 270 & 759 &:= 2^6 + 13^0 + 17^0 + 17^1 + 26^2 = 26 + 130 + 170 + 171 + 262 \\ 759 &:= 2^4 + 10^2 + 17^1 + 21^0 + 25^2 = 24 + 102 + 171 + 210 + 252 & 759 &:= 2^6 + 14^0 + 16^0 + 17^1 + 26^2 = 26 + 140 + 160 + 171 + 262 \\ 759 &:= 2^4 + 12^1 + 17^2 + 21^2 + 23^0 = 24 + 121 + 172 + 212 + 230 & 759 &:= 2^6 + 15^0 + 15^0 + 17^1 + 26^2 = 26 + 150 + 150 + 171 + 262 \\ 759 &:= 2^4 + 12^2 + 15^0 + 22^1 + 24^2 = 24 + 122 + 150 + 221 + 242 & 759 &:= 2^6 + 3^0 + 17^1 + 26^2 + 27^0 = 26 + 30 + 171 + 262 + 270 \\ 759 &:= 2^4 + 14^2 + 17^1 + 19^0 + 23^2 = 24 + 142 + 171 + 190 + 232 & 759 &:= 2^6 + 4^0 + 17^1 + 26^0 + 26^2 = 26 + 40 + 171 + 260 + 262 \\ 759 &:= 2^4 + 15^0 + 19^2 + 19^2 + 20^1 = 24 + 150 + 192 + 192 + 201 & 759 &:= 2^6 + 5^0 + 17^1 + 25^0 + 26^2 = 26 + 50 + 171 + 250 + 262 \\ 759 &:= 2^4 + 17^0 + 18^1 + 18^2 + 20^2 = 24 + 170 + 181 + 182 + 202 & 759 &:= 2^6 + 6^0 + 17^1 + 24^0 + 26^2 = 26 + 60 + 171 + 240 + 262 \\ 759 &:= 2^4 + 7^2 + 17^1 + 23^0 + 26^2 = 24 + 72 + 171 + 230 + 262 & 759 &:= 2^6 + 7^0 + 17^1 + 23^0 + 26^2 = 26 + 70 + 171 + 230 + 262 \\ 759 &:= 2^5 + 10^0 + 14^2 + 23^2 + 26^0 = 25 + 100 + 142 + 232 + 260 & 759 &:= 2^6 + 8^0 + 17^1 + 22^0 + 26^2 = 26 + 80 + 171 + 220 + 262 \\ 759 &:= 2^5 + 10^2 + 11^0 + 25^2 + 27^0 = 25 + 102 + 110 + 252 + 270 & 759 &:= 2^6 + 9^0 + 17^1 + 21^0 + 26^2 = 26 + 90 + 171 + 210 + 262 \\ 759 &:= 2^5 + 10^2 + 12^0 + 25^2 + 26^0 = 25 + 102 + 120 + 252 + 260 & 759 &:= 3^2 + 12^2 + 16^2 + 18^2 + 26^1 = 32 + 122 + 162 + 182 + 261 \\ 759 &:= 2^5 + 10^2 + 13^0 + 25^0 + 25^2 = 25 + 102 + 130 + 250 + 252 & 759 &:= 3^2 + 3^6 + 19^1 + 23^0 + 27^0 = 32 + 36 + 191 + 230 + 270 \\ 759 &:= 2^5 + 10^2 + 14^0 + 24^0 + 25^2 = 25 + 102 + 140 + 240 + 252 & 759 &:= 3^2 + 3^6 + 19^1 + 24^0 + 26^0 = 32 + 36 + 191 + 240 + 260 \\ 759 &:= 2^5 + 10^2 + 15^0 + 23^0 + 25^2 = 25 + 102 + 150 + 230 + 252 & 759 &:= 3^2 + 3^6 + 19^1 + 25^0 + 25^0 = 32 + 36 + 191 + 250 + 250 \\ 759 &:= 2^5 + 10^2 + 16^0 + 22^0 + 25^2 = 25 + 102 + 160 + 220 + 252 & 759 &:= 3^2 + 7^3 + 19^1 + 19^2 + 27^1 = 32 + 73 + 191 + 192 + 271 \\ 759 &:= 2^5 + 10^2 + 17^0 + 21^0 + 25^2 = 25 + 102 + 170 + 210 + 252 & 759 &:= 3^2 + 7^3 + 19^2 + 20^1 + 26^1 = 32 + 73 + 192 + 201 + 261 \\ 759 &:= 2^5 + 10^2 + 18^0 + 20^0 + 25^2 = 25 + 102 + 180 + 200 + 252 & 759 &:= 3^2 + 7^3 + 19^2 + 21^1 + 25^1 = 32 + 73 + 192 + 211 + 251 \end{aligned}$$

$$\begin{aligned} 759 &:= 3^2 + 7^3 + 19^2 + 22^1 + 24^1 = 32 + 73 + 192 + 221 + 241 & 759 &:= 3^4 + 15^0 + 16^2 + 20^2 + 21^1 = 34 + 150 + 162 + 202 + 211 \\ 759 &:= 3^2 + 7^3 + 19^2 + 23^1 + 23^1 = 32 + 73 + 192 + 231 + 231 & 759 &:= 3^4 + 5^2 + 15^0 + 25^2 + 27^1 = 34 + 52 + 150 + 252 + 271 \\ 759 &:= 3^3 + 10^1 + 16^2 + 21^2 + 25^1 = 33 + 101 + 162 + 212 + 251 & 759 &:= 3^4 + 6^2 + 16^1 + 25^0 + 25^2 = 34 + 62 + 161 + 250 + 252 \\ 759 &:= 3^3 + 11^1 + 16^2 + 21^2 + 24^1 = 33 + 111 + 162 + 212 + 241 & 759 &:= 3^4 + 9^0 + 17^2 + 19^2 + 27^1 = 34 + 90 + 172 + 192 + 271 \\ 759 &:= 3^3 + 11^2 + 13^2 + 21^2 + 27^0 = 33 + 112 + 132 + 212 + 270 & 759 &:= 3^4 + 9^2 + 19^0 + 20^1 + 24^2 = 34 + 92 + 190 + 201 + 242 \\ 759 &:= 3^3 + 12^1 + 16^2 + 21^2 + 23^1 = 33 + 121 + 162 + 212 + 231 & 759 &:= 3^5 + 10^1 + 19^0 + 21^1 + 22^2 = 35 + 101 + 190 + 211 + 222 \\ 759 &:= 3^3 + 13^1 + 16^2 + 21^2 + 22^1 = 33 + 131 + 162 + 212 + 221 & 759 &:= 3^5 + 11^1 + 19^0 + 20^1 + 22^2 = 35 + 111 + 190 + 201 + 222 \\ 759 &:= 3^3 + 14^1 + 16^2 + 21^1 + 21^2 = 33 + 141 + 162 + 211 + 212 & 759 &:= 3^5 + 12^1 + 19^0 + 19^1 + 22^2 = 35 + 121 + 190 + 191 + 222 \\ 759 &:= 3^3 + 15^1 + 16^2 + 20^1 + 21^2 = 33 + 151 + 162 + 201 + 212 & 759 &:= 3^5 + 13^0 + 15^2 + 17^2 + 27^0 = 35 + 130 + 152 + 172 + 270 \\ 759 &:= 3^3 + 16^1 + 16^2 + 19^1 + 21^2 = 33 + 161 + 162 + 191 + 212 & 759 &:= 3^5 + 13^1 + 18^1 + 19^0 + 22^2 = 35 + 131 + 181 + 190 + 222 \\ 759 &:= 3^3 + 16^2 + 17^1 + 18^1 + 21^2 = 33 + 162 + 171 + 181 + 212 & 759 &:= 3^5 + 14^0 + 15^2 + 17^2 + 26^0 = 35 + 140 + 152 + 172 + 260 \\ 759 &:= 3^3 + 3^6 + 15^0 + 27^0 + 27^0 = 33 + 36 + 150 + 270 + 270 & 759 &:= 3^5 + 14^1 + 17^1 + 19^0 + 22^2 = 35 + 141 + 171 + 190 + 222 \\ 759 &:= 3^3 + 3^6 + 16^0 + 26^0 + 27^0 = 33 + 36 + 160 + 260 + 270 & 759 &:= 3^5 + 15^0 + 15^2 + 17^2 + 25^0 = 35 + 150 + 152 + 172 + 250 \\ 759 &:= 3^3 + 3^6 + 17^0 + 25^0 + 27^0 = 33 + 36 + 170 + 250 + 270 & 759 &:= 3^5 + 15^1 + 16^1 + 19^0 + 22^2 = 35 + 151 + 161 + 190 + 222 \\ 759 &:= 3^3 + 3^6 + 17^0 + 26^0 + 26^0 = 33 + 36 + 170 + 260 + 260 & 759 &:= 3^5 + 15^2 + 16^0 + 17^2 + 24^0 = 35 + 152 + 160 + 172 + 240 \\ 759 &:= 3^3 + 3^6 + 18^0 + 24^0 + 27^0 = 33 + 36 + 180 + 240 + 270 & 759 &:= 3^5 + 15^2 + 17^0 + 17^2 + 23^0 = 35 + 152 + 170 + 172 + 230 \\ 759 &:= 3^3 + 3^6 + 18^0 + 25^0 + 26^0 = 33 + 36 + 180 + 250 + 260 & 759 &:= 3^5 + 15^2 + 17^2 + 18^0 + 22^0 = 35 + 152 + 172 + 180 + 220 \\ 759 &:= 3^3 + 3^6 + 19^0 + 23^0 + 27^0 = 33 + 36 + 190 + 230 + 270 & 759 &:= 3^5 + 15^2 + 17^2 + 19^0 + 21^0 = 35 + 152 + 172 + 190 + 210 \\ 759 &:= 3^3 + 3^6 + 19^0 + 24^0 + 26^0 = 33 + 36 + 190 + 240 + 260 & 759 &:= 3^5 + 15^2 + 17^2 + 20^0 + 20^0 = 35 + 152 + 172 + 200 + 200 \\ 759 &:= 3^3 + 3^6 + 19^0 + 25^0 + 25^0 = 33 + 36 + 190 + 250 + 250 & 759 &:= 3^5 + 4^1 + 19^0 + 22^2 + 27^1 = 35 + 41 + 190 + 222 + 271 \\ 759 &:= 3^3 + 3^6 + 20^0 + 22^0 + 27^0 = 33 + 36 + 200 + 220 + 270 & 759 &:= 3^5 + 5^1 + 19^0 + 22^2 + 26^1 = 35 + 51 + 190 + 222 + 261 \\ 759 &:= 3^3 + 3^6 + 20^0 + 23^0 + 26^0 = 33 + 36 + 200 + 230 + 260 & 759 &:= 3^5 + 6^1 + 19^0 + 22^2 + 25^1 = 35 + 61 + 190 + 222 + 251 \\ 759 &:= 3^3 + 3^6 + 20^0 + 24^0 + 25^0 = 33 + 36 + 200 + 240 + 250 & 759 &:= 3^5 + 7^1 + 19^0 + 22^2 + 24^1 = 35 + 71 + 190 + 222 + 241 \\ 759 &:= 3^3 + 3^6 + 21^0 + 21^0 + 27^0 = 33 + 36 + 210 + 210 + 270 & 759 &:= 3^5 + 8^1 + 19^0 + 22^2 + 23^1 = 35 + 81 + 190 + 222 + 231 \\ 759 &:= 3^3 + 3^6 + 21^0 + 22^0 + 26^0 = 33 + 36 + 210 + 220 + 260 & 759 &:= 3^5 + 9^1 + 19^0 + 22^1 + 22^2 = 35 + 91 + 190 + 221 + 222 \\ 759 &:= 3^3 + 3^6 + 21^0 + 23^0 + 25^0 = 33 + 36 + 210 + 230 + 250 & 759 &:= 4^2 + 10^2 + 16^2 + 19^2 + 26^1 = 42 + 102 + 162 + 192 + 261 \\ 759 &:= 3^3 + 3^6 + 21^0 + 24^0 + 24^0 = 33 + 36 + 210 + 240 + 240 & 759 &:= 4^2 + 11^2 + 14^2 + 20^2 + 26^1 = 42 + 112 + 142 + 202 + 261 \\ 759 &:= 3^3 + 3^6 + 22^0 + 22^0 + 25^0 = 33 + 36 + 220 + 220 + 250 & 759 &:= 4^2 + 13^2 + 15^2 + 18^2 + 25^1 = 42 + 132 + 152 + 182 + 251 \\ 759 &:= 3^3 + 3^6 + 22^0 + 23^0 + 24^0 = 33 + 36 + 220 + 230 + 240 & 759 &:= 4^2 + 5^3 + 15^1 + 24^2 + 27^1 = 42 + 53 + 151 + 242 + 271 \\ 759 &:= 3^3 + 3^6 + 23^0 + 23^0 + 23^0 = 33 + 36 + 230 + 230 + 230 & 759 &:= 4^2 + 5^3 + 16^1 + 24^2 + 26^1 = 42 + 53 + 161 + 242 + 261 \\ 759 &:= 3^3 + 7^3 + 19^0 + 19^2 + 27^1 = 33 + 73 + 190 + 192 + 271 & 759 &:= 4^2 + 5^3 + 17^1 + 24^2 + 25^1 = 42 + 53 + 171 + 242 + 251 \\ 759 &:= 3^3 + 8^1 + 16^2 + 21^2 + 27^1 = 33 + 81 + 162 + 212 + 271 & 759 &:= 4^2 + 5^3 + 18^1 + 24^1 + 24^2 = 42 + 53 + 181 + 241 + 242 \\ 759 &:= 3^3 + 8^3 + 14^2 + 23^1 + 27^0 = 33 + 83 + 142 + 231 + 270 & 759 &:= 4^2 + 5^3 + 19^1 + 23^1 + 24^2 = 42 + 53 + 191 + 231 + 242 \\ 759 &:= 3^3 + 9^1 + 16^2 + 21^2 + 26^1 = 33 + 91 + 162 + 212 + 261 & 759 &:= 4^2 + 5^3 + 20^1 + 22^1 + 24^2 = 42 + 53 + 201 + 221 + 242 \\ 759 &:= 3^3 + 9^2 + 17^2 + 19^2 + 27^0 = 33 + 92 + 172 + 192 + 270 & 759 &:= 4^2 + 5^3 + 21^1 + 21^1 + 24^2 = 42 + 53 + 211 + 211 + 242 \\ 759 &:= 3^4 + 11^0 + 11^2 + 23^2 + 27^1 = 34 + 110 + 112 + 232 + 271 & 759 &:= 4^2 + 6^3 + 16^1 + 22^2 + 27^1 = 42 + 63 + 161 + 222 + 271 \\ 759 &:= 3^4 + 11^1 + 15^2 + 21^2 + 25^0 = 34 + 111 + 152 + 212 + 250 & 759 &:= 4^2 + 6^3 + 17^1 + 22^2 + 26^1 = 42 + 63 + 171 + 222 + 261 \\ 759 &:= 3^4 + 13^0 + 13^2 + 22^2 + 24^1 = 34 + 130 + 132 + 222 + 241 & 759 &:= 4^2 + 6^3 + 18^1 + 22^2 + 25^1 = 42 + 63 + 181 + 222 + 251 \end{aligned}$$

$759 := 4^2 + 6^3 + 19^1 + 22^2 + 24^1$	$= 42 + 63 + 191 + 222 + 241$	$759 := 6^2 + 9^2 + 16^2 + 19^2 + 25^1$	$= 62 + 92 + 162 + 192 + 251$
$759 := 4^2 + 6^3 + 20^1 + 22^2 + 23^1$	$= 42 + 63 + 201 + 222 + 231$	$759 := 6^3 + 11^1 + 12^2 + 19^2 + 27^1$	$= 63 + 111 + 122 + 192 + 271$
$759 := 4^2 + 6^3 + 21^1 + 22^1 + 22^2$	$= 42 + 63 + 211 + 221 + 222$	$759 := 6^3 + 12^1 + 12^2 + 19^2 + 26^1$	$= 63 + 121 + 122 + 192 + 261$
$759 := 4^3 + 7^3 + 18^2 + 19^0 + 27^1$	$= 43 + 73 + 182 + 190 + 271$	$759 := 6^3 + 12^2 + 13^1 + 19^2 + 25^1$	$= 63 + 122 + 131 + 192 + 251$
$759 := 4^3 + 9^2 + 11^1 + 24^2 + 27^1$	$= 43 + 92 + 111 + 242 + 271$	$759 := 6^3 + 12^2 + 14^1 + 19^2 + 24^1$	$= 63 + 122 + 141 + 192 + 241$
$759 := 4^3 + 9^2 + 12^1 + 24^2 + 26^1$	$= 43 + 92 + 121 + 242 + 261$	$759 := 6^3 + 12^2 + 15^1 + 19^2 + 23^1$	$= 63 + 122 + 151 + 192 + 231$
$759 := 4^3 + 9^2 + 13^1 + 24^2 + 25^1$	$= 43 + 92 + 131 + 242 + 251$	$759 := 6^3 + 12^2 + 16^1 + 19^2 + 22^1$	$= 63 + 122 + 161 + 192 + 221$
$759 := 4^3 + 9^2 + 14^1 + 24^1 + 24^2$	$= 43 + 92 + 141 + 241 + 242$	$759 := 6^3 + 12^2 + 17^1 + 19^2 + 21^1$	$= 63 + 122 + 171 + 192 + 211$
$759 := 4^3 + 9^2 + 15^1 + 23^1 + 24^2$	$= 43 + 92 + 151 + 231 + 242$	$759 := 6^3 + 12^2 + 18^1 + 19^2 + 20^1$	$= 63 + 122 + 181 + 192 + 201$
$759 := 4^3 + 9^2 + 16^1 + 22^1 + 24^2$	$= 43 + 92 + 161 + 221 + 242$	$759 := 6^3 + 12^2 + 19^1 + 19^1 + 19^2$	$= 63 + 122 + 191 + 191 + 192$
$759 := 4^3 + 9^2 + 17^1 + 21^1 + 24^2$	$= 43 + 92 + 171 + 211 + 242$	$759 := 7^2 + 10^2 + 10^2 + 22^2 + 26^1$	$= 72 + 102 + 102 + 222 + 261$
$759 := 4^3 + 9^2 + 17^2 + 18^2 + 27^0$	$= 43 + 92 + 172 + 182 + 270$	$759 := 7^2 + 10^2 + 12^2 + 21^2 + 25^1$	$= 72 + 102 + 122 + 212 + 251$
$759 := 4^3 + 9^2 + 18^1 + 20^1 + 24^2$	$= 43 + 92 + 181 + 201 + 242$	$759 := 7^2 + 10^2 + 15^2 + 19^2 + 24^1$	$= 72 + 102 + 152 + 192 + 241$
$759 := 4^3 + 9^2 + 19^1 + 19^1 + 24^2$	$= 43 + 92 + 191 + 191 + 242$	$759 := 7^2 + 7^3 + 16^1 + 18^2 + 27^1$	$= 72 + 73 + 161 + 182 + 271$
$759 := 4^4 + 11^2 + 19^2 + 20^1 + 21^0$	$= 44 + 112 + 192 + 201 + 210$	$759 := 7^2 + 7^3 + 17^1 + 18^2 + 26^1$	$= 72 + 73 + 171 + 182 + 261$
$759 := 4^4 + 14^2 + 17^1 + 17^2 + 23^0$	$= 44 + 142 + 171 + 172 + 230$	$759 := 7^2 + 7^3 + 18^1 + 18^2 + 25^1$	$= 72 + 73 + 181 + 182 + 251$
$759 := 4^4 + 15^2 + 16^2 + 19^0 + 21^1$	$= 44 + 152 + 162 + 190 + 211$	$759 := 7^2 + 7^3 + 18^2 + 19^1 + 24^1$	$= 72 + 73 + 182 + 191 + 241$
$759 := 4^4 + 6^2 + 19^0 + 21^2 + 25^1$	$= 44 + 62 + 190 + 212 + 251$	$759 := 7^2 + 7^3 + 18^2 + 20^1 + 23^1$	$= 72 + 73 + 182 + 201 + 231$
$759 := 4^4 + 9^2 + 20^2 + 21^0 + 21^1$	$= 44 + 92 + 202 + 210 + 211$	$759 := 7^2 + 7^3 + 18^2 + 21^1 + 22^1$	$= 72 + 73 + 182 + 211 + 221$
$759 := 5^2 + 14^2 + 15^2 + 17^2 + 24^1$	$= 52 + 142 + 152 + 172 + 241$	$759 := 8^2 + 8^2 + 11^2 + 22^2 + 26^1$	$= 82 + 82 + 112 + 222 + 261$
$759 := 5^3 + 11^2 + 16^2 + 16^2 + 27^0$	$= 53 + 112 + 162 + 162 + 270$	$759 := 8^3 + 10^2 + 10^2 + 20^1 + 27^1$	$= 83 + 102 + 102 + 201 + 271$
$759 := 5^3 + 5^3 + 19^0 + 22^2 + 24^1$	$= 53 + 53 + 190 + 222 + 241$	$759 := 8^3 + 10^2 + 10^2 + 21^1 + 26^1$	$= 83 + 102 + 102 + 211 + 261$
$759 := 5^3 + 6^3 + 17^1 + 20^2 + 27^0$	$= 53 + 63 + 171 + 202 + 270$	$759 := 8^3 + 10^2 + 10^2 + 22^1 + 25^1$	$= 83 + 102 + 102 + 221 + 251$
$759 := 6^2 + 11^2 + 17^2 + 17^2 + 24^1$	$= 62 + 112 + 172 + 172 + 241$	$759 := 8^3 + 10^2 + 10^2 + 23^1 + 24^1$	$= 83 + 102 + 102 + 231 + 241$
$759 := 6^2 + 13^2 + 13^2 + 19^2 + 24^1$	$= 62 + 132 + 132 + 192 + 241$	$759 := 9^2 + 12^2 + 16^2 + 16^2 + 22^1$	$= 92 + 122 + 162 + 162 + 221$
$759 := 6^2 + 7^2 + 18^2 + 18^2 + 26^1$	$= 62 + 72 + 182 + 182 + 261$		

2.2.661 Number 760

$760 := 1^3 + 3^6 + 29^1 + 42^0$	$= 13 + 36 + 291 + 420$	$760 := 1^4 + 3^4 + 19^0 + 26^0 + 26^2$	$= 14 + 34 + 190 + 260 + 262$
$760 := 1^6 + 9^3 + 29^1 + 36^0$	$= 16 + 93 + 291 + 360$	$760 := 1^4 + 3^4 + 20^0 + 25^0 + 26^2$	$= 14 + 34 + 200 + 250 + 262$
$760 := 1^7 + 18^0 + 27^2 + 29^1$	$= 17 + 180 + 272 + 291$	$760 := 1^4 + 3^4 + 21^0 + 24^0 + 26^2$	$= 14 + 34 + 210 + 240 + 262$
$760 := 2^2 + 3^5 + 8^3 + 62^0$	$= 22 + 35 + 83 + 620$	$760 := 1^4 + 3^4 + 22^0 + 23^0 + 26^2$	$= 14 + 34 + 220 + 230 + 262$
$760 := 2^3 + 3^6 + 22^1 + 48^0$	$= 23 + 36 + 221 + 480$	$760 := 1^4 + 4^3 + 18^1 + 26^0 + 26^2$	$= 14 + 43 + 181 + 260 + 262$
$760 := 2^7 + 6^1 + 25^2 + 42^0$	$= 27 + 61 + 252 + 420$	$760 := 1^5 + 11^2 + 12^1 + 25^2 + 26^0$	$= 15 + 112 + 121 + 252 + 260$
$760 := 3^1 + 3^3 + 3^6 + 66^0$	$= 31 + 33 + 36 + 660$	$760 := 1^5 + 13^1 + 13^2 + 24^0 + 24^2$	$= 15 + 131 + 132 + 240 + 242$
$760 := 1^4 + 2^3 + 21^1 + 24^0 + 27^2$	$= 14 + 23 + 211 + 240 + 272$	$760 := 1^5 + 16^2 + 18^0 + 18^1 + 22^2$	$= 15 + 162 + 180 + 181 + 222$
$760 := 1^4 + 3^4 + 18^0 + 26^2 + 27^0$	$= 14 + 34 + 180 + 262 + 270$	$760 := 1^5 + 2^2 + 20^0 + 25^1 + 27^2$	$= 15 + 22 + 200 + 251 + 272$

$$\begin{aligned}
 760 &:= 1^5 + 3^2 + 20^1 + 24^0 + 27^2 = 15 + 32 + 201 + 240 + 272 \\
 760 &:= 1^5 + 8^2 + 18^1 + 22^0 + 26^2 = 15 + 82 + 181 + 220 + 262 \\
 760 &:= 1^6 + 10^1 + 18^0 + 19^1 + 27^2 = 16 + 101 + 180 + 191 + 272 \\
 760 &:= 1^6 + 11^1 + 18^0 + 18^1 + 27^2 = 16 + 111 + 180 + 181 + 272 \\
 760 &:= 1^6 + 12^1 + 17^1 + 18^0 + 27^2 = 16 + 121 + 171 + 180 + 272 \\
 760 &:= 1^6 + 13^1 + 16^1 + 18^0 + 27^2 = 16 + 131 + 161 + 180 + 272 \\
 760 &:= 1^6 + 14^1 + 15^1 + 18^0 + 27^2 = 16 + 141 + 151 + 180 + 272 \\
 760 &:= 1^6 + 2^1 + 18^0 + 27^1 + 27^2 = 16 + 21 + 180 + 271 + 272 \\
 760 &:= 1^6 + 3^1 + 18^0 + 26^1 + 27^2 = 16 + 31 + 180 + 261 + 272 \\
 760 &:= 1^6 + 4^1 + 18^0 + 25^1 + 27^2 = 16 + 41 + 180 + 251 + 272 \\
 760 &:= 1^6 + 5^1 + 18^0 + 24^1 + 27^2 = 16 + 51 + 180 + 241 + 272 \\
 760 &:= 1^6 + 6^1 + 18^0 + 23^1 + 27^2 = 16 + 61 + 180 + 231 + 272 \\
 760 &:= 1^6 + 7^1 + 18^0 + 22^1 + 27^2 = 16 + 71 + 180 + 221 + 272 \\
 760 &:= 1^6 + 8^1 + 18^0 + 21^1 + 27^2 = 16 + 81 + 180 + 211 + 272 \\
 760 &:= 1^6 + 9^1 + 18^0 + 20^1 + 27^2 = 16 + 91 + 180 + 201 + 272 \\
 760 &:= 1^6 + 9^2 + 12^0 + 26^2 + 27^0 = 16 + 92 + 120 + 262 + 270 \\
 760 &:= 1^6 + 9^2 + 13^0 + 26^0 + 26^2 = 16 + 92 + 130 + 260 + 262 \\
 760 &:= 1^6 + 9^2 + 14^0 + 25^0 + 26^2 = 16 + 92 + 140 + 250 + 262 \\
 760 &:= 1^6 + 9^2 + 15^0 + 24^0 + 26^2 = 16 + 92 + 150 + 240 + 262 \\
 760 &:= 1^6 + 9^2 + 16^0 + 23^0 + 26^2 = 16 + 92 + 160 + 230 + 262 \\
 760 &:= 1^6 + 9^2 + 17^0 + 22^0 + 26^2 = 16 + 92 + 170 + 220 + 262 \\
 760 &:= 1^6 + 9^2 + 18^0 + 21^0 + 26^2 = 16 + 92 + 180 + 210 + 262 \\
 760 &:= 1^6 + 9^2 + 19^0 + 20^0 + 26^2 = 16 + 92 + 190 + 200 + 262
 \end{aligned}$$

$$\begin{aligned}
 760 &:= 2^3 + 3^6 + 21^1 + 22^0 + 27^0 = 23 + 36 + 211 + 220 + 270 \\
 760 &:= 2^3 + 3^6 + 21^1 + 23^0 + 26^0 = 23 + 36 + 211 + 230 + 260 \\
 760 &:= 2^3 + 3^6 + 21^1 + 24^0 + 25^0 = 23 + 36 + 211 + 240 + 250 \\
 760 &:= 2^5 + 15^2 + 18^0 + 18^1 + 22^2 = 25 + 152 + 180 + 181 + 222 \\
 760 &:= 2^5 + 5^2 + 16^0 + 26^1 + 26^2 = 25 + 52 + 160 + 261 + 262 \\
 760 &:= 2^5 + 6^2 + 15^1 + 26^0 + 26^2 = 25 + 62 + 151 + 260 + 262 \\
 760 &:= 2^5 + 9^2 + 18^0 + 21^1 + 25^2 = 25 + 92 + 180 + 211 + 252 \\
 760 &:= 2^7 + 5^1 + 16^0 + 25^2 + 27^0 = 27 + 51 + 160 + 252 + 270 \\
 760 &:= 2^7 + 5^1 + 17^0 + 25^2 + 26^0 = 27 + 51 + 170 + 252 + 260 \\
 760 &:= 2^7 + 5^1 + 18^0 + 25^0 + 25^2 = 27 + 51 + 180 + 250 + 252 \\
 760 &:= 2^7 + 5^1 + 19^0 + 24^0 + 25^2 = 27 + 51 + 190 + 240 + 252 \\
 760 &:= 2^7 + 5^1 + 20^0 + 23^0 + 25^2 = 27 + 51 + 200 + 230 + 252 \\
 760 &:= 2^7 + 5^1 + 21^0 + 22^0 + 25^2 = 27 + 51 + 210 + 220 + 252 \\
 760 &:= 3^2 + 3^5 + 22^2 + 23^1 + 24^0 = 32 + 35 + 222 + 231 + 240 \\
 760 &:= 3^3 + 3^4 + 18^0 + 25^2 + 26^1 = 33 + 34 + 180 + 252 + 261 \\
 760 &:= 3^4 + 5^3 + 20^0 + 23^2 + 24^1 = 34 + 53 + 200 + 232 + 241 \\
 760 &:= 3^4 + 5^4 + 14^0 + 26^1 + 27^1 = 34 + 54 + 140 + 261 + 271 \\
 760 &:= 3^4 + 6^3 + 21^1 + 21^2 + 24^0 = 34 + 63 + 211 + 212 + 240 \\
 760 &:= 3^5 + 10^2 + 16^1 + 20^2 + 26^0 = 35 + 102 + 161 + 202 + 260 \\
 760 &:= 3^5 + 13^2 + 18^0 + 18^2 + 23^1 = 35 + 132 + 180 + 182 + 231 \\
 760 &:= 3^5 + 7^2 + 18^0 + 21^2 + 26^1 = 35 + 72 + 180 + 212 + 261
 \end{aligned}$$

2.2.662 Number 761

$$\begin{aligned}
 761 &:= 1^4 + 3^6 + 30^1 + 41^0 = 14 + 36 + 301 + 410 \\
 761 &:= 1^5 + 8^3 + 14^2 + 52^1 = 15 + 83 + 142 + 521 \\
 761 &:= 1^6 + 18^2 + 20^2 + 36^1 = 16 + 182 + 202 + 361 \\
 761 &:= 1^7 + 9^3 + 30^1 + 35^0 = 17 + 93 + 301 + 350 \\
 761 &:= 1^8 + 17^0 + 27^2 + 30^1 = 18 + 170 + 272 + 301 \\
 761 &:= 2^2 + 3^3 + 3^6 + 67^0 = 22 + 33 + 36 + 670 \\
 761 &:= 2^3 + 2^5 + 26^2 + 45^1 = 23 + 25 + 262 + 451 \\
 761 &:= 2^3 + 4^3 + 5^4 + 64^1 = 23 + 43 + 54 + 641 \\
 761 &:= 2^4 + 3^6 + 15^1 + 55^0 = 24 + 36 + 151 + 550 \\
 761 &:= 2^4 + 4^4 + 21^2 + 48^1 = 24 + 44 + 212 + 481 \\
 761 &:= 2^4 + 7^3 + 7^3 + 59^1 = 24 + 73 + 73 + 591 \\
 761 &:= 2^5 + 6^3 + 8^3 + 59^0 = 25 + 63 + 83 + 590 \\
 761 &:= 2^6 + 9^2 + 24^2 + 40^1 = 26 + 92 + 242 + 401
 \end{aligned}$$

$$\begin{aligned}
 761 &:= 2^8 + 20^1 + 22^2 + 31^0 = 28 + 201 + 222 + 310 \\
 761 &:= 3^5 + 7^3 + 11^2 + 54^1 = 35 + 73 + 112 + 541 \\
 761 &:= 4^4 + 4^4 + 14^2 + 53^1 = 44 + 44 + 142 + 531 \\
 761 &:= 1^2 + 2^6 + 19^1 + 26^2 + 27^0 = 12 + 26 + 191 + 262 + 270 \\
 761 &:= 1^4 + 8^3 + 14^2 + 25^1 + 27^1 = 14 + 83 + 142 + 251 + 271 \\
 761 &:= 1^4 + 8^3 + 14^2 + 26^1 + 26^1 = 14 + 83 + 142 + 261 + 261 \\
 761 &:= 1^5 + 10^1 + 18^2 + 20^2 + 26^1 = 15 + 101 + 182 + 202 + 261 \\
 761 &:= 1^5 + 11^1 + 18^2 + 20^2 + 25^1 = 15 + 111 + 182 + 202 + 251 \\
 761 &:= 1^5 + 12^1 + 18^2 + 20^2 + 24^1 = 15 + 121 + 182 + 202 + 241 \\
 761 &:= 1^5 + 13^1 + 18^2 + 20^2 + 23^1 = 15 + 131 + 182 + 202 + 231 \\
 761 &:= 1^5 + 14^1 + 18^2 + 20^2 + 22^1 = 15 + 141 + 182 + 202 + 221 \\
 761 &:= 1^5 + 15^1 + 18^2 + 20^2 + 21^1 = 15 + 151 + 182 + 202 + 211 \\
 761 &:= 1^5 + 16^1 + 18^2 + 20^1 + 20^2 = 15 + 161 + 182 + 201 + 202
 \end{aligned}$$

$$\begin{aligned}761 &:= 1^5 + 17^1 + 18^2 + 19^1 + 20^2 = 15 + 171 + 182 + 191 + 202 \\761 &:= 1^5 + 18^1 + 18^1 + 18^2 + 20^2 = 15 + 181 + 181 + 182 + 202 \\761 &:= 1^5 + 2^3 + 22^1 + 23^0 + 27^2 = 15 + 23 + 221 + 230 + 272 \\761 &:= 1^5 + 4^3 + 19^1 + 25^0 + 26^2 = 15 + 43 + 191 + 250 + 262 \\761 &:= 1^5 + 9^1 + 18^2 + 20^2 + 27^1 = 15 + 91 + 182 + 202 + 271 \\761 &:= 1^6 + 11^2 + 13^1 + 25^0 + 25^2 = 16 + 112 + 131 + 250 + 252 \\761 &:= 1^6 + 13^2 + 14^1 + 23^0 + 24^2 = 16 + 132 + 141 + 230 + 242 \\761 &:= 1^6 + 16^2 + 17^0 + 19^1 + 22^2 = 16 + 162 + 170 + 191 + 222 \\761 &:= 1^6 + 2^2 + 19^0 + 26^1 + 27^2 = 16 + 22 + 190 + 261 + 272 \\761 &:= 1^6 + 3^2 + 21^1 + 23^0 + 27^2 = 16 + 32 + 211 + 230 + 272 \\761 &:= 1^6 + 8^2 + 19^1 + 21^0 + 26^2 = 16 + 82 + 191 + 210 + 262 \\761 &:= 1^7 + 10^1 + 17^0 + 20^1 + 27^2 = 17 + 101 + 170 + 201 + 272 \\761 &:= 1^7 + 11^1 + 17^0 + 19^1 + 27^2 = 17 + 111 + 170 + 191 + 272 \\761 &:= 1^7 + 12^1 + 17^0 + 18^1 + 27^2 = 17 + 121 + 170 + 181 + 272 \\761 &:= 1^7 + 13^1 + 17^0 + 17^1 + 27^2 = 17 + 131 + 170 + 171 + 272 \\761 &:= 1^7 + 14^1 + 16^1 + 17^0 + 27^2 = 17 + 141 + 161 + 170 + 272 \\761 &:= 1^7 + 15^1 + 15^1 + 17^0 + 27^2 = 17 + 151 + 151 + 170 + 272 \\761 &:= 1^7 + 3^1 + 17^0 + 27^1 + 27^2 = 17 + 31 + 170 + 271 + 272 \\761 &:= 1^7 + 4^1 + 17^0 + 26^1 + 27^2 = 17 + 41 + 170 + 261 + 272 \\761 &:= 1^7 + 5^1 + 17^0 + 25^1 + 27^2 = 17 + 51 + 170 + 251 + 272 \\761 &:= 1^7 + 6^1 + 17^0 + 24^1 + 27^2 = 17 + 61 + 170 + 241 + 272 \\761 &:= 1^7 + 7^1 + 17^0 + 23^1 + 27^2 = 17 + 71 + 170 + 231 + 272 \\761 &:= 1^7 + 8^1 + 17^0 + 22^1 + 27^2 = 17 + 81 + 170 + 221 + 272 \\761 &:= 1^7 + 9^1 + 17^0 + 21^1 + 27^2 = 17 + 91 + 170 + 211 + 272 \\761 &:= 2^3 + 3^5 + 22^2 + 23^0 + 25^1 = 23 + 35 + 222 + 230 + 251 \\761 &:= 2^4 + 13^2 + 15^2 + 18^2 + 27^1 = 24 + 132 + 152 + 182 + 271 \\761 &:= 2^4 + 5^3 + 17^1 + 24^2 + 27^1 = 24 + 53 + 171 + 242 + 271 \\761 &:= 2^4 + 5^3 + 18^1 + 24^2 + 26^1 = 24 + 53 + 181 + 242 + 261 \\761 &:= 2^4 + 5^3 + 19^1 + 24^2 + 25^1 = 24 + 53 + 191 + 242 + 251 \\761 &:= 2^4 + 5^3 + 20^1 + 24^1 + 24^2 = 24 + 53 + 201 + 241 + 242 \\761 &:= 2^4 + 5^3 + 21^1 + 23^1 + 24^2 = 24 + 53 + 211 + 231 + 242 \\761 &:= 2^4 + 5^3 + 22^1 + 22^1 + 24^2 = 24 + 53 + 221 + 221 + 242 \\761 &:= 2^4 + 6^3 + 18^1 + 22^2 + 27^1 = 24 + 63 + 181 + 222 + 271 \\761 &:= 2^4 + 6^3 + 19^1 + 22^2 + 26^1 = 24 + 63 + 191 + 222 + 261 \\761 &:= 2^4 + 6^3 + 20^1 + 22^2 + 25^1 = 24 + 63 + 201 + 222 + 251 \\761 &:= 2^4 + 6^3 + 21^1 + 22^2 + 24^1 = 24 + 63 + 211 + 222 + 241 \\761 &:= 2^4 + 6^3 + 22^1 + 22^2 + 23^1 = 24 + 63 + 221 + 222 + 231 \\761 &:= 2^5 + 3^2 + 17^1 + 26^2 + 27^1 = 25 + 32 + 171 + 262 + 271\end{aligned}$$

$$\begin{aligned}761 &:= 2^5 + 3^2 + 18^1 + 26^1 + 26^2 = 25 + 32 + 181 + 261 + 262 \\761 &:= 2^5 + 3^2 + 19^1 + 25^1 + 26^2 = 25 + 32 + 191 + 251 + 262 \\761 &:= 2^5 + 3^2 + 20^1 + 24^1 + 26^2 = 25 + 32 + 201 + 241 + 262 \\761 &:= 2^5 + 3^2 + 21^1 + 23^1 + 26^2 = 25 + 32 + 211 + 231 + 262 \\761 &:= 2^5 + 3^2 + 22^1 + 22^1 + 26^2 = 25 + 32 + 221 + 221 + 262 \\761 &:= 2^5 + 3^3 + 19^0 + 25^1 + 26^2 = 25 + 33 + 190 + 251 + 262 \\761 &:= 2^5 + 5^3 + 17^0 + 24^2 + 27^1 = 25 + 53 + 170 + 242 + 271 \\761 &:= 2^5 + 7^3 + 19^2 + 23^0 + 24^1 = 25 + 73 + 192 + 230 + 241 \\761 &:= 2^5 + 8^2 + 13^1 + 25^2 + 27^1 = 25 + 82 + 131 + 252 + 271 \\761 &:= 2^5 + 8^2 + 14^1 + 25^2 + 26^1 = 25 + 82 + 141 + 252 + 261 \\761 &:= 2^5 + 8^2 + 15^1 + 25^1 + 25^2 = 25 + 82 + 151 + 251 + 252 \\761 &:= 2^5 + 8^2 + 16^1 + 24^1 + 25^2 = 25 + 82 + 161 + 241 + 252 \\761 &:= 2^5 + 8^2 + 17^1 + 23^1 + 25^2 = 25 + 82 + 171 + 231 + 252 \\761 &:= 2^5 + 8^2 + 18^1 + 22^1 + 25^2 = 25 + 82 + 181 + 221 + 252 \\761 &:= 2^5 + 8^2 + 19^1 + 21^1 + 25^2 = 25 + 82 + 191 + 211 + 252 \\761 &:= 2^5 + 8^2 + 20^1 + 20^1 + 25^2 = 25 + 82 + 201 + 201 + 252 \\761 &:= 2^6 + 10^2 + 19^0 + 20^1 + 24^2 = 26 + 102 + 190 + 201 + 242 \\761 &:= 2^6 + 11^1 + 18^2 + 19^2 + 25^0 = 26 + 111 + 182 + 192 + 250 \\761 &:= 2^6 + 12^2 + 15^0 + 23^1 + 23^2 = 26 + 122 + 150 + 231 + 232 \\761 &:= 2^6 + 14^2 + 16^1 + 21^0 + 22^2 = 26 + 142 + 161 + 210 + 222 \\761 &:= 2^6 + 7^2 + 19^0 + 22^1 + 25^2 = 26 + 72 + 190 + 221 + 252 \\761 &:= 2^8 + 10^0 + 19^1 + 22^0 + 22^2 = 28 + 100 + 191 + 220 + 222 \\761 &:= 2^8 + 11^0 + 19^1 + 21^0 + 22^2 = 28 + 110 + 191 + 210 + 222 \\761 &:= 2^8 + 12^0 + 19^1 + 20^0 + 22^2 = 28 + 120 + 191 + 200 + 222 \\761 &:= 2^8 + 13^0 + 19^0 + 19^1 + 22^2 = 28 + 130 + 190 + 191 + 222 \\761 &:= 2^8 + 14^0 + 18^0 + 19^1 + 22^2 = 28 + 140 + 180 + 191 + 222 \\761 &:= 2^8 + 15^0 + 17^0 + 19^1 + 22^2 = 28 + 150 + 170 + 191 + 222 \\761 &:= 2^8 + 16^0 + 16^0 + 19^1 + 22^2 = 28 + 160 + 160 + 191 + 222 \\761 &:= 2^8 + 5^0 + 19^1 + 22^2 + 27^0 = 28 + 50 + 191 + 222 + 270 \\761 &:= 2^8 + 6^0 + 19^1 + 22^2 + 26^0 = 28 + 60 + 191 + 222 + 260 \\761 &:= 2^8 + 7^0 + 19^1 + 22^2 + 25^0 = 28 + 70 + 191 + 222 + 250 \\761 &:= 2^8 + 8^0 + 19^1 + 22^2 + 24^0 = 28 + 80 + 191 + 222 + 240 \\761 &:= 2^8 + 9^0 + 19^1 + 22^2 + 23^0 = 28 + 90 + 191 + 222 + 230 \\761 &:= 3^4 + 3^4 + 22^1 + 23^0 + 24^2 = 34 + 34 + 221 + 230 + 242 \\761 &:= 3^4 + 4^4 + 20^2 + 23^1 + 25^0 = 34 + 44 + 202 + 231 + 250 \\761 &:= 3^4 + 7^3 + 17^2 + 21^1 + 27^1 = 34 + 73 + 172 + 211 + 271 \\761 &:= 3^4 + 7^3 + 17^2 + 22^1 + 26^1 = 34 + 73 + 172 + 221 + 261 \\761 &:= 3^4 + 7^3 + 17^2 + 23^1 + 25^1 = 34 + 73 + 172 + 231 + 251\end{aligned}$$

$$761 := 3^4 + 7^3 + 17^2 + 24^1 + 24^1 = 34 + 73 + 172 + 241 + 241$$

2.2.663 Number 762

$$762 := 1^5 + 3^6 + 31^1 + 40^0 = 15 + 36 + 311 + 400$$

$$762 := 1^8 + 9^3 + 31^1 + 34^0 = 18 + 93 + 311 + 340$$

$$762 := 1^9 + 16^0 + 27^2 + 31^1 = 19 + 160 + 272 + 311$$

$$762 := 2^3 + 2^7 + 25^2 + 46^0 = 23 + 27 + 252 + 460$$

$$762 := 2^4 + 3^6 + 4^2 + 66^0 = 24 + 36 + 42 + 660$$

$$762 := 2^6 + 4^4 + 21^2 + 48^0 = 26 + 44 + 212 + 480$$

$$762 := 2^7 + 5^4 + 8^1 + 60^0 = 27 + 54 + 81 + 600$$

$$762 := 2^7 + 8^3 + 11^2 + 54^0 = 27 + 83 + 112 + 540$$

$$762 := 2^8 + 12^2 + 19^2 + 42^0 = 28 + 122 + 192 + 420$$

$$762 := 2^8 + 8^2 + 21^2 + 44^0 = 28 + 82 + 212 + 440$$

$$762 := 2^9 + 15^2 + 24^1 + 34^0 = 29 + 152 + 241 + 340$$

$$762 := 2^9 + 6^0 + 14^2 + 53^1 = 29 + 60 + 142 + 531$$

$$762 := 1^3 + 2^6 + 20^1 + 26^0 + 26^2 = 13 + 26 + 201 + 260 + 262$$

$$762 := 1^6 + 2^3 + 22^0 + 23^1 + 27^2 = 16 + 23 + 220 + 231 + 272$$

$$762 := 1^6 + 4^3 + 20^1 + 24^0 + 26^2 = 16 + 43 + 201 + 240 + 262$$

$$762 := 1^7 + 11^2 + 14^1 + 24^0 + 25^2 = 17 + 112 + 141 + 240 + 252$$

$$762 := 1^7 + 13^2 + 15^1 + 22^0 + 24^2 = 17 + 132 + 151 + 220 + 242$$

$$762 := 1^7 + 16^0 + 16^2 + 20^1 + 22^2 = 17 + 160 + 162 + 201 + 222$$

$$762 := 1^7 + 2^2 + 18^0 + 27^1 + 27^2 = 17 + 22 + 180 + 271 + 272$$

$$762 := 1^7 + 3^2 + 22^0 + 22^1 + 27^2 = 17 + 32 + 220 + 221 + 272$$

$$762 := 1^7 + 8^2 + 20^0 + 20^1 + 26^2 = 17 + 82 + 200 + 201 + 262$$

$$762 := 1^8 + 10^1 + 16^0 + 21^1 + 27^2 = 18 + 101 + 160 + 211 + 272$$

$$762 := 1^8 + 11^1 + 16^0 + 20^1 + 27^2 = 18 + 111 + 160 + 201 + 272$$

$$762 := 1^8 + 12^1 + 16^0 + 19^1 + 27^2 = 18 + 121 + 160 + 191 + 272$$

$$762 := 1^8 + 13^1 + 16^0 + 18^1 + 27^2 = 18 + 131 + 160 + 181 + 272$$

$$762 := 1^8 + 14^1 + 16^0 + 17^1 + 27^2 = 18 + 141 + 160 + 171 + 272$$

$$762 := 1^8 + 15^1 + 16^0 + 16^1 + 27^2 = 18 + 151 + 160 + 161 + 272$$

$$762 := 1^8 + 4^1 + 16^0 + 27^1 + 27^2 = 18 + 41 + 160 + 271 + 272$$

$$762 := 1^8 + 5^1 + 16^0 + 26^1 + 27^2 = 18 + 51 + 160 + 261 + 272$$

$$762 := 1^8 + 6^1 + 16^0 + 25^1 + 27^2 = 18 + 61 + 160 + 251 + 272$$

$$762 := 1^8 + 7^1 + 16^0 + 24^1 + 27^2 = 18 + 71 + 160 + 241 + 272$$

$$762 := 1^8 + 8^1 + 16^0 + 23^1 + 27^2 = 18 + 81 + 160 + 231 + 272$$

$$762 := 1^8 + 9^1 + 16^0 + 22^1 + 27^2 = 18 + 91 + 160 + 221 + 272$$

$$762 := 2^5 + 3^4 + 22^0 + 23^1 + 25^2 = 25 + 34 + 220 + 231 + 252$$

$$762 := 2^7 + 13^2 + 16^0 + 21^2 + 23^1 = 27 + 132 + 160 + 212 + 231$$

$$762 := 2^7 + 16^1 + 16^2 + 19^2 + 22^0 = 27 + 161 + 162 + 192 + 220$$

$$762 := 2^7 + 17^2 + 18^0 + 18^2 + 20^1 = 27 + 172 + 180 + 182 + 201$$

$$762 := 2^7 + 6^2 + 21^1 + 22^0 + 24^2 = 27 + 62 + 211 + 220 + 242$$

$$762 := 2^7 + 7^3 + 17^2 + 22^0 + 27^0 = 27 + 73 + 172 + 220 + 270$$

$$762 := 2^7 + 7^3 + 17^2 + 23^0 + 26^0 = 27 + 73 + 172 + 230 + 260$$

$$762 := 2^7 + 7^3 + 17^2 + 24^0 + 25^0 = 27 + 73 + 172 + 240 + 250$$

$$762 := 2^7 + 9^2 + 18^0 + 23^1 + 23^2 = 27 + 92 + 180 + 231 + 232$$

$$762 := 2^9 + 10^0 + 15^2 + 23^1 + 25^0 = 29 + 100 + 152 + 231 + 250$$

$$762 := 2^9 + 11^0 + 15^2 + 23^1 + 24^0 = 29 + 110 + 152 + 231 + 240$$

$$762 := 2^9 + 12^0 + 15^2 + 23^0 + 23^1 = 29 + 120 + 152 + 230 + 231$$

$$762 := 2^9 + 13^0 + 15^2 + 22^0 + 23^1 = 29 + 130 + 152 + 220 + 231$$

$$762 := 2^9 + 14^0 + 15^2 + 21^0 + 23^1 = 29 + 140 + 152 + 210 + 231$$

$$762 := 2^9 + 15^0 + 15^2 + 20^0 + 23^1 = 29 + 150 + 152 + 200 + 231$$

$$762 := 2^9 + 15^2 + 16^0 + 19^0 + 23^1 = 29 + 152 + 160 + 190 + 231$$

$$762 := 2^9 + 15^2 + 17^0 + 18^0 + 23^1 = 29 + 152 + 170 + 180 + 231$$

$$762 := 2^9 + 8^0 + 15^2 + 23^1 + 27^0 = 29 + 80 + 152 + 231 + 270$$

$$762 := 2^9 + 9^0 + 15^2 + 23^1 + 26^0 = 29 + 90 + 152 + 231 + 260$$

2.2.664 Number 763

$$763 := 16^0 + 27^2 + 33^1 = 160 + 272 + 331$$

$$763 := 1^0 + 16^0 + 27^2 + 32^1 = 10 + 160 + 272 + 321$$

$$763 := 1^2 + 2^5 + 3^6 + 69^0 = 12 + 25 + 36 + 690$$

$$763 := 1^5 + 2^5 + 9^3 + 63^0 = 15 + 25 + 93 + 630$$

$$763 := 1^6 + 2^5 + 27^2 + 45^0 = 16 + 25 + 272 + 450$$

$$763 := 1^6 + 3^6 + 32^1 + 39^0 = 16 + 36 + 321 + 390$$

$$763 := 1^8 + 14^2 + 23^2 + 37^1 = 18 + 142 + 232 + 371$$

$$763 := 1^9 + 19^2 + 20^2 + 35^0 = 19 + 192 + 202 + 350$$

$$763 := 1^9 + 9^3 + 32^1 + 33^0 = 19 + 93 + 321 + 330$$

$$763 := 2^0 + 15^0 + 27^2 + 32^1 = 20 + 150 + 272 + 321$$

$$\begin{aligned}
 763 &:= 2^6 + 3^2 + 5^4 + 65^1 &= 26 + 32 + 54 + 651 & 763 &:= 1^9 + 15^0 + 16^1 + 16^1 + 27^2 = 19 + 150 + 161 + 161 + 272 \\
 763 &:= 2^7 + 3^2 + 5^4 + 65^0 &= 27 + 32 + 54 + 650 & 763 &:= 1^9 + 5^1 + 15^0 + 27^1 + 27^2 = 19 + 51 + 150 + 271 + 272 \\
 763 &:= 2^9 + 5^2 + 15^2 + 53^0 &= 29 + 52 + 152 + 530 & 763 &:= 1^9 + 6^1 + 15^0 + 26^1 + 27^2 = 19 + 61 + 150 + 261 + 272 \\
 763 &:= 2^9 + 6^3 + 33^0 + 34^1 &= 29 + 63 + 330 + 341 & 763 &:= 1^9 + 7^1 + 15^0 + 25^1 + 27^2 = 19 + 71 + 150 + 251 + 272 \\
 763 &:= 2^9 + 9^2 + 13^2 + 51^0 &= 29 + 92 + 132 + 510 & 763 &:= 1^9 + 8^1 + 15^0 + 24^1 + 27^2 = 19 + 81 + 150 + 241 + 272 \\
 763 &:= 3^0 + 14^0 + 27^2 + 32^1 &= 30 + 140 + 272 + 321 & 763 &:= 1^9 + 9^1 + 15^0 + 23^1 + 27^2 = 19 + 91 + 150 + 231 + 272 \\
 763 &:= 4^0 + 13^0 + 27^2 + 32^1 &= 40 + 130 + 272 + 321 & 763 &:= 2^5 + 2^5 + 22^1 + 23^0 + 26^2 = 25 + 25 + 221 + 230 + 262 \\
 763 &:= 5^0 + 12^0 + 27^2 + 32^1 &= 50 + 120 + 272 + 321 & 763 &:= 2^6 + 5^3 + 18^1 + 23^2 + 27^1 = 26 + 53 + 181 + 232 + 271 \\
 763 &:= 6^0 + 11^0 + 27^2 + 32^1 &= 60 + 110 + 272 + 321 & 763 &:= 2^6 + 5^3 + 19^1 + 23^2 + 26^1 = 26 + 53 + 191 + 232 + 261 \\
 763 &:= 7^0 + 10^0 + 27^2 + 32^1 &= 70 + 100 + 272 + 321 & 763 &:= 2^6 + 5^3 + 20^1 + 23^2 + 25^1 = 26 + 53 + 201 + 232 + 251 \\
 763 &:= 8^0 + 9^0 + 27^2 + 32^1 &= 80 + 90 + 272 + 321 & 763 &:= 2^6 + 5^3 + 21^1 + 23^2 + 24^1 = 26 + 53 + 211 + 232 + 241 \\
 763 &:= 1^4 + 2^6 + 21^1 + 25^0 + 26^2 &= 14 + 26 + 211 + 250 + 262 & 763 &:= 2^6 + 5^3 + 22^1 + 23^1 + 23^2 = 26 + 53 + 221 + 231 + 232 \\
 763 &:= 1^6 + 4^4 + 21^1 + 22^2 + 27^0 &= 16 + 44 + 211 + 222 + 270 & 763 &:= 2^7 + 12^1 + 14^2 + 20^2 + 27^1 = 27 + 121 + 142 + 202 + 271 \\
 763 &:= 1^7 + 10^1 + 14^2 + 23^2 + 27^1 &= 17 + 101 + 142 + 232 + 271 & 763 &:= 2^7 + 13^1 + 14^2 + 20^2 + 26^1 = 27 + 131 + 142 + 202 + 261 \\
 763 &:= 1^7 + 11^1 + 14^2 + 23^2 + 26^1 &= 17 + 111 + 142 + 232 + 261 & 763 &:= 2^7 + 14^1 + 14^2 + 20^2 + 25^1 = 27 + 141 + 142 + 202 + 251 \\
 763 &:= 1^7 + 12^1 + 14^2 + 23^2 + 25^1 &= 17 + 121 + 142 + 232 + 251 & 763 &:= 2^7 + 14^2 + 15^1 + 20^2 + 24^1 = 27 + 142 + 151 + 202 + 241 \\
 763 &:= 1^7 + 12^2 + 16^2 + 19^2 + 27^0 &= 17 + 122 + 162 + 192 + 270 & 763 &:= 2^7 + 14^2 + 16^1 + 20^2 + 23^1 = 27 + 142 + 161 + 202 + 231 \\
 763 &:= 1^7 + 13^1 + 14^2 + 23^2 + 24^1 &= 17 + 131 + 142 + 232 + 241 & 763 &:= 2^7 + 14^2 + 17^1 + 20^2 + 22^1 = 27 + 142 + 171 + 202 + 221 \\
 763 &:= 1^7 + 14^1 + 14^2 + 23^1 + 23^2 &= 17 + 141 + 142 + 231 + 232 & 763 &:= 2^7 + 14^2 + 18^1 + 20^2 + 21^1 = 27 + 142 + 181 + 202 + 211 \\
 763 &:= 1^7 + 14^2 + 15^1 + 22^1 + 23^2 &= 17 + 142 + 151 + 221 + 232 & 763 &:= 2^7 + 14^2 + 19^1 + 20^1 + 20^2 = 27 + 142 + 191 + 201 + 202 \\
 763 &:= 1^7 + 14^2 + 16^1 + 21^1 + 23^2 &= 17 + 142 + 161 + 211 + 232 & 763 &:= 2^7 + 5^3 + 21^0 + 22^2 + 25^1 = 27 + 53 + 210 + 222 + 251 \\
 763 &:= 1^7 + 14^2 + 17^1 + 20^1 + 23^2 &= 17 + 142 + 171 + 201 + 232 & 763 &:= 2^7 + 8^2 + 15^1 + 23^2 + 27^1 = 27 + 82 + 151 + 232 + 271 \\
 763 &:= 1^7 + 14^2 + 18^1 + 19^1 + 23^2 &= 17 + 142 + 181 + 191 + 232 & 763 &:= 2^7 + 8^2 + 16^1 + 23^2 + 26^1 = 27 + 82 + 161 + 232 + 261 \\
 763 &:= 1^7 + 2^3 + 21^0 + 24^1 + 27^2 &= 17 + 23 + 210 + 241 + 272 & 763 &:= 2^7 + 8^2 + 17^1 + 23^2 + 25^1 = 27 + 82 + 171 + 232 + 251 \\
 763 &:= 1^7 + 4^3 + 21^1 + 23^0 + 26^2 &= 17 + 43 + 211 + 230 + 262 & 763 &:= 2^7 + 8^2 + 18^1 + 23^2 + 24^1 = 27 + 82 + 181 + 232 + 241 \\
 763 &:= 1^7 + 8^3 + 15^2 + 24^1 + 27^0 &= 17 + 83 + 152 + 241 + 270 & 763 &:= 2^7 + 8^2 + 19^1 + 23^1 + 23^2 = 27 + 82 + 191 + 231 + 232 \\
 763 &:= 1^8 + 11^2 + 15^1 + 23^0 + 25^2 &= 18 + 112 + 151 + 230 + 252 & 763 &:= 2^7 + 8^2 + 20^1 + 22^1 + 23^2 = 27 + 82 + 201 + 221 + 232 \\
 763 &:= 1^8 + 13^2 + 16^1 + 21^0 + 24^2 &= 18 + 132 + 161 + 210 + 242 & 763 &:= 2^7 + 8^2 + 21^1 + 21^1 + 23^2 = 27 + 82 + 211 + 211 + 232 \\
 763 &:= 1^8 + 15^0 + 16^2 + 21^1 + 22^2 &= 18 + 150 + 162 + 211 + 222 & 763 &:= 2^8 + 11^2 + 19^0 + 19^2 + 24^1 = 28 + 112 + 190 + 192 + 241 \\
 763 &:= 1^8 + 3^2 + 21^0 + 23^1 + 27^2 &= 18 + 32 + 210 + 231 + 272 & 763 &:= 2^8 + 14^2 + 17^2 + 21^0 + 21^1 = 28 + 142 + 172 + 210 + 211 \\
 763 &:= 1^8 + 4^2 + 16^1 + 27^0 + 27^2 &= 18 + 42 + 161 + 270 + 272 & 763 &:= 2^8 + 15^2 + 16^2 + 17^0 + 25^1 = 28 + 152 + 162 + 170 + 251 \\
 763 &:= 1^8 + 8^2 + 19^0 + 21^1 + 26^2 &= 18 + 82 + 190 + 211 + 262 & 763 &:= 2^8 + 4^3 + 21^0 + 21^2 + 27^0 = 28 + 43 + 210 + 212 + 270 \\
 763 &:= 1^9 + 10^1 + 15^0 + 22^1 + 27^2 &= 19 + 101 + 150 + 221 + 272 & 763 &:= 2^8 + 4^3 + 21^2 + 22^0 + 26^0 = 28 + 43 + 212 + 220 + 260 \\
 763 &:= 1^9 + 11^1 + 15^0 + 21^1 + 27^2 &= 19 + 111 + 150 + 211 + 272 & 763 &:= 2^8 + 4^3 + 21^2 + 23^0 + 25^0 = 28 + 43 + 212 + 230 + 250 \\
 763 &:= 1^9 + 12^1 + 15^0 + 20^1 + 27^2 &= 19 + 121 + 150 + 201 + 272 & 763 &:= 2^8 + 4^3 + 21^2 + 24^0 + 24^0 = 28 + 43 + 212 + 240 + 240 \\
 763 &:= 1^9 + 13^1 + 15^0 + 19^1 + 27^2 &= 19 + 131 + 150 + 191 + 272 & 763 &:= 2^8 + 6^3 + 17^2 + 23^0 + 27^0 = 28 + 63 + 172 + 230 + 270 \\
 763 &:= 1^9 + 14^1 + 15^0 + 18^1 + 27^2 &= 19 + 141 + 150 + 181 + 272 & 763 &:= 2^8 + 6^3 + 17^2 + 24^0 + 26^0 = 28 + 63 + 172 + 240 + 260 \\
 763 &:= 1^9 + 15^0 + 15^1 + 17^1 + 27^2 &= 19 + 150 + 151 + 171 + 272 & 763 &:= 2^8 + 6^3 + 17^2 + 25^0 + 25^0 = 28 + 63 + 172 + 250 + 250
 \end{aligned}$$

$$763 := 2^8 + 9^2 + 19^0 + 20^2 + 25^1 = 28 + 92 + 190 + 202 + 251$$

$$763 := 2^9 + 5^0 + 14^2 + 27^1 + 27^1 = 29 + 50 + 142 + 271 + 271$$

2.2.665 Number 764

$764 := 9^3 + 33^0 + 34^1$	$= 93 + 330 + 341$	$764 := 9^3 + 16^0 + 18^0 + 33^1$	$= 93 + 160 + 180 + 331$
$764 := 1^0 + 9^3 + 33^0 + 33^1$	$= 10 + 93 + 330 + 331$	$764 := 9^3 + 17^0 + 17^0 + 33^1$	$= 93 + 170 + 170 + 331$
$764 := 1^1 + 15^0 + 27^2 + 33^1$	$= 11 + 150 + 272 + 331$	$764 := 1^0 + 10^0 + 19^2 + 20^2 + 26^0$	$= 10 + 100 + 192 + 202 + 260$
$764 := 1^7 + 3^6 + 33^1 + 38^0$	$= 17 + 36 + 331 + 380$	$764 := 1^0 + 10^1 + 15^0 + 23^1 + 27^2$	$= 10 + 101 + 150 + 231 + 272$
$764 := 10^1 + 15^0 + 24^1 + 27^2$	$= 101 + 150 + 241 + 272$	$764 := 1^0 + 11^0 + 19^2 + 20^2 + 25^0$	$= 10 + 110 + 192 + 202 + 250$
$764 := 11^1 + 15^0 + 23^1 + 27^2$	$= 111 + 150 + 231 + 272$	$764 := 1^0 + 11^1 + 15^0 + 22^1 + 27^2$	$= 10 + 111 + 150 + 221 + 272$
$764 := 12^1 + 15^0 + 22^1 + 27^2$	$= 121 + 150 + 221 + 272$	$764 := 1^0 + 12^0 + 19^2 + 20^2 + 24^0$	$= 10 + 120 + 192 + 202 + 240$
$764 := 13^1 + 15^0 + 21^1 + 27^2$	$= 131 + 150 + 211 + 272$	$764 := 1^0 + 12^1 + 15^0 + 21^1 + 27^2$	$= 10 + 121 + 150 + 211 + 272$
$764 := 14^1 + 15^0 + 20^1 + 27^2$	$= 141 + 150 + 201 + 272$	$764 := 1^0 + 13^0 + 19^2 + 20^2 + 23^0$	$= 10 + 130 + 192 + 202 + 230$
$764 := 15^0 + 15^1 + 19^1 + 27^2$	$= 150 + 151 + 191 + 272$	$764 := 1^0 + 13^1 + 15^0 + 20^1 + 27^2$	$= 10 + 131 + 150 + 201 + 272$
$764 := 15^0 + 16^1 + 18^1 + 27^2$	$= 150 + 161 + 181 + 272$	$764 := 1^0 + 14^0 + 19^2 + 20^2 + 22^0$	$= 10 + 140 + 192 + 202 + 220$
$764 := 15^0 + 17^1 + 17^1 + 27^2$	$= 150 + 171 + 171 + 272$	$764 := 1^0 + 14^1 + 15^0 + 19^1 + 27^2$	$= 10 + 141 + 150 + 191 + 272$
$764 := 2^0 + 9^3 + 32^0 + 33^1$	$= 20 + 93 + 320 + 331$	$764 := 1^0 + 15^0 + 15^1 + 18^1 + 27^2$	$= 10 + 150 + 151 + 181 + 272$
$764 := 2^1 + 15^0 + 27^2 + 32^1$	$= 21 + 150 + 272 + 321$	$764 := 1^0 + 15^0 + 16^1 + 17^1 + 27^2$	$= 10 + 150 + 161 + 171 + 272$
$764 := 3^0 + 9^3 + 31^0 + 33^1$	$= 30 + 93 + 310 + 331$	$764 := 1^0 + 15^0 + 19^2 + 20^2 + 21^0$	$= 10 + 150 + 192 + 202 + 210$
$764 := 3^1 + 15^0 + 27^2 + 31^1$	$= 31 + 150 + 272 + 311$	$764 := 1^0 + 16^0 + 19^2 + 20^0 + 20^2$	$= 10 + 160 + 192 + 200 + 202$
$764 := 4^0 + 9^3 + 30^0 + 33^1$	$= 40 + 93 + 300 + 331$	$764 := 1^0 + 17^0 + 19^0 + 19^2 + 20^2$	$= 10 + 170 + 190 + 192 + 202$
$764 := 4^1 + 15^0 + 27^2 + 30^1$	$= 41 + 150 + 272 + 301$	$764 := 1^0 + 18^0 + 18^0 + 19^2 + 20^2$	$= 10 + 180 + 180 + 192 + 202$
$764 := 5^0 + 9^3 + 29^0 + 33^1$	$= 50 + 93 + 290 + 331$	$764 := 1^0 + 6^1 + 15^0 + 27^1 + 27^2$	$= 10 + 61 + 150 + 271 + 272$
$764 := 5^1 + 15^0 + 27^2 + 29^1$	$= 51 + 150 + 272 + 291$	$764 := 1^0 + 7^1 + 15^0 + 26^1 + 27^2$	$= 10 + 71 + 150 + 261 + 272$
$764 := 6^0 + 9^3 + 28^0 + 33^1$	$= 60 + 93 + 280 + 331$	$764 := 1^0 + 8^1 + 15^0 + 25^1 + 27^2$	$= 10 + 81 + 150 + 251 + 272$
$764 := 6^1 + 15^0 + 27^2 + 28^1$	$= 61 + 150 + 272 + 281$	$764 := 1^0 + 9^0 + 19^2 + 20^2 + 27^0$	$= 10 + 90 + 192 + 202 + 270$
$764 := 7^0 + 9^3 + 27^0 + 33^1$	$= 70 + 93 + 270 + 331$	$764 := 1^0 + 9^1 + 15^0 + 24^1 + 27^2$	$= 10 + 91 + 150 + 241 + 272$
$764 := 7^1 + 15^0 + 27^1 + 27^2$	$= 71 + 150 + 271 + 272$	$764 := 1^5 + 2^6 + 22^1 + 24^0 + 26^2$	$= 15 + 26 + 221 + 240 + 262$
$764 := 8^0 + 9^3 + 26^0 + 33^1$	$= 80 + 93 + 260 + 331$	$764 := 1^7 + 2^5 + 18^0 + 27^0 + 27^2$	$= 17 + 25 + 180 + 270 + 272$
$764 := 8^1 + 15^0 + 26^1 + 27^2$	$= 81 + 150 + 261 + 272$	$764 := 1^7 + 2^5 + 19^0 + 26^0 + 27^2$	$= 17 + 25 + 190 + 260 + 272$
$764 := 9^0 + 9^3 + 25^0 + 33^1$	$= 90 + 93 + 250 + 331$	$764 := 1^7 + 2^5 + 20^0 + 25^0 + 27^2$	$= 17 + 25 + 200 + 250 + 272$
$764 := 9^1 + 15^0 + 25^1 + 27^2$	$= 91 + 150 + 251 + 272$	$764 := 1^7 + 2^5 + 21^0 + 24^0 + 27^2$	$= 17 + 25 + 210 + 240 + 272$
$764 := 9^3 + 10^0 + 24^0 + 33^1$	$= 93 + 100 + 240 + 331$	$764 := 1^7 + 2^5 + 22^0 + 23^0 + 27^2$	$= 17 + 25 + 220 + 230 + 272$
$764 := 9^3 + 11^0 + 23^0 + 33^1$	$= 93 + 110 + 230 + 331$	$764 := 1^7 + 4^4 + 22^1 + 22^2 + 26^0$	$= 17 + 44 + 221 + 222 + 260$
$764 := 9^3 + 12^0 + 22^0 + 33^1$	$= 93 + 120 + 220 + 331$	$764 := 1^8 + 2^3 + 20^0 + 25^1 + 27^2$	$= 18 + 23 + 200 + 251 + 272$
$764 := 9^3 + 13^0 + 21^0 + 33^1$	$= 93 + 130 + 210 + 331$	$764 := 1^8 + 4^3 + 22^0 + 22^1 + 26^2$	$= 18 + 43 + 220 + 221 + 262$
$764 := 9^3 + 14^0 + 20^0 + 33^1$	$= 93 + 140 + 200 + 331$	$764 := 1^8 + 8^3 + 15^2 + 25^1 + 26^0$	$= 18 + 83 + 152 + 251 + 260$
$764 := 9^3 + 15^0 + 19^0 + 33^1$	$= 93 + 150 + 190 + 331$	$764 := 1^9 + 11^2 + 16^1 + 22^0 + 25^2$	$= 19 + 112 + 161 + 220 + 252$

$$\begin{aligned} 764 &:= 1^9 + 13^2 + 17^1 + 20^0 + 24^2 = 19 + 132 + 171 + 200 + 242 & 764 &:= 3^0 + 11^0 + 19^2 + 20^2 + 23^0 = 30 + 110 + 192 + 202 + 230 \\ 764 &:= 1^9 + 14^0 + 16^2 + 22^1 + 22^2 = 19 + 140 + 162 + 221 + 222 & 764 &:= 3^0 + 11^1 + 13^0 + 22^1 + 27^2 = 30 + 111 + 130 + 221 + 272 \\ 764 &:= 1^9 + 3^2 + 20^0 + 24^1 + 27^2 = 19 + 32 + 200 + 241 + 272 & 764 &:= 3^0 + 12^0 + 19^2 + 20^2 + 22^0 = 30 + 120 + 192 + 202 + 220 \\ 764 &:= 1^9 + 4^2 + 17^1 + 26^0 + 27^2 = 19 + 42 + 171 + 260 + 272 & 764 &:= 3^0 + 12^1 + 13^0 + 21^1 + 27^2 = 30 + 121 + 130 + 211 + 272 \\ 764 &:= 1^9 + 8^2 + 18^0 + 22^1 + 26^2 = 19 + 82 + 180 + 221 + 262 & 764 &:= 3^0 + 13^0 + 13^1 + 20^1 + 27^2 = 30 + 130 + 131 + 201 + 272 \\ 764 &:= 10^0 + 10^0 + 17^0 + 19^2 + 20^2 = 100 + 100 + 170 + 192 + 202 & 764 &:= 3^0 + 13^0 + 14^1 + 19^1 + 27^2 = 30 + 130 + 141 + 191 + 272 \\ 764 &:= 10^0 + 11^0 + 16^0 + 19^2 + 20^2 = 100 + 110 + 160 + 192 + 202 & 764 &:= 3^0 + 13^0 + 15^1 + 18^1 + 27^2 = 30 + 130 + 151 + 181 + 272 \\ 764 &:= 10^0 + 12^0 + 15^0 + 19^2 + 20^2 = 100 + 120 + 150 + 192 + 202 & 764 &:= 3^0 + 13^0 + 16^1 + 17^1 + 27^2 = 30 + 130 + 161 + 171 + 272 \\ 764 &:= 10^0 + 13^0 + 14^0 + 19^2 + 20^2 = 100 + 130 + 140 + 192 + 202 & 764 &:= 3^0 + 13^0 + 19^2 + 20^2 + 21^0 = 30 + 130 + 192 + 202 + 210 \\ 764 &:= 11^0 + 11^0 + 15^0 + 19^2 + 20^2 = 110 + 110 + 150 + 192 + 202 & 764 &:= 3^0 + 14^0 + 19^2 + 20^0 + 20^2 = 30 + 140 + 192 + 200 + 202 \\ 764 &:= 11^0 + 12^0 + 14^0 + 19^2 + 20^2 = 110 + 120 + 140 + 192 + 202 & 764 &:= 3^0 + 15^0 + 19^0 + 19^2 + 20^2 = 30 + 150 + 190 + 192 + 202 \\ 764 &:= 11^0 + 13^0 + 13^0 + 19^2 + 20^2 = 110 + 130 + 130 + 192 + 202 & 764 &:= 3^0 + 16^0 + 18^0 + 19^2 + 20^2 = 30 + 160 + 180 + 192 + 202 \\ 764 &:= 12^0 + 12^0 + 13^0 + 19^2 + 20^2 = 120 + 120 + 130 + 192 + 202 & 764 &:= 3^0 + 17^0 + 17^0 + 19^2 + 20^2 = 30 + 170 + 170 + 192 + 202 \\ 764 &:= 2^0 + 10^0 + 19^2 + 20^2 + 25^0 = 20 + 100 + 192 + 202 + 250 & 764 &:= 3^0 + 6^1 + 13^0 + 27^1 + 27^2 = 30 + 61 + 130 + 271 + 272 \\ 764 &:= 2^0 + 10^1 + 14^0 + 23^1 + 27^2 = 20 + 101 + 140 + 231 + 272 & 764 &:= 3^0 + 7^0 + 19^2 + 20^2 + 27^0 = 30 + 70 + 192 + 202 + 270 \\ 764 &:= 2^0 + 11^0 + 19^2 + 20^2 + 24^0 = 20 + 110 + 192 + 202 + 240 & 764 &:= 3^0 + 7^1 + 13^0 + 26^1 + 27^2 = 30 + 71 + 130 + 261 + 272 \\ 764 &:= 2^0 + 11^1 + 14^0 + 22^1 + 27^2 = 20 + 111 + 140 + 221 + 272 & 764 &:= 3^0 + 8^0 + 19^2 + 20^2 + 26^0 = 30 + 80 + 192 + 202 + 260 \\ 764 &:= 2^0 + 12^0 + 19^2 + 20^2 + 23^0 = 20 + 120 + 192 + 202 + 230 & 764 &:= 3^0 + 8^1 + 13^0 + 25^1 + 27^2 = 30 + 81 + 130 + 251 + 272 \\ 764 &:= 2^0 + 12^1 + 14^0 + 21^1 + 27^2 = 20 + 121 + 140 + 211 + 272 & 764 &:= 3^0 + 9^0 + 19^2 + 20^2 + 25^0 = 30 + 90 + 192 + 202 + 250 \\ 764 &:= 2^0 + 13^0 + 19^2 + 20^2 + 22^0 = 20 + 130 + 192 + 202 + 220 & 764 &:= 3^0 + 9^1 + 13^0 + 24^1 + 27^2 = 30 + 91 + 130 + 241 + 272 \\ 764 &:= 2^0 + 13^1 + 14^0 + 20^1 + 27^2 = 20 + 131 + 140 + 201 + 272 & 764 &:= 4^0 + 10^0 + 19^2 + 20^2 + 23^0 = 40 + 100 + 192 + 202 + 230 \\ 764 &:= 2^0 + 14^0 + 14^1 + 19^1 + 27^2 = 20 + 140 + 141 + 191 + 272 & 764 &:= 4^0 + 10^1 + 12^0 + 23^1 + 27^2 = 40 + 101 + 120 + 231 + 272 \\ 764 &:= 2^0 + 14^0 + 15^1 + 18^1 + 27^2 = 20 + 140 + 151 + 181 + 272 & 764 &:= 4^0 + 11^0 + 19^2 + 20^2 + 22^0 = 40 + 110 + 192 + 202 + 220 \\ 764 &:= 2^0 + 14^0 + 16^1 + 17^1 + 27^2 = 20 + 140 + 161 + 171 + 272 & 764 &:= 4^0 + 11^1 + 12^0 + 22^1 + 27^2 = 40 + 111 + 120 + 221 + 272 \\ 764 &:= 2^0 + 14^0 + 19^2 + 20^2 + 21^0 = 20 + 140 + 192 + 202 + 210 & 764 &:= 4^0 + 12^0 + 12^1 + 21^1 + 27^2 = 40 + 120 + 121 + 211 + 272 \\ 764 &:= 2^0 + 15^0 + 19^2 + 20^0 + 20^2 = 20 + 150 + 192 + 200 + 202 & 764 &:= 4^0 + 12^0 + 13^1 + 20^1 + 27^2 = 40 + 120 + 131 + 201 + 272 \\ 764 &:= 2^0 + 16^0 + 19^0 + 19^2 + 20^2 = 20 + 160 + 190 + 192 + 202 & 764 &:= 4^0 + 12^0 + 14^1 + 19^1 + 27^2 = 40 + 120 + 141 + 191 + 272 \\ 764 &:= 2^0 + 17^0 + 18^0 + 19^2 + 20^2 = 20 + 170 + 180 + 192 + 202 & 764 &:= 4^0 + 12^0 + 15^1 + 18^1 + 27^2 = 40 + 120 + 151 + 181 + 272 \\ 764 &:= 2^0 + 6^1 + 14^0 + 27^1 + 27^2 = 20 + 61 + 140 + 271 + 272 & 764 &:= 4^0 + 12^0 + 16^1 + 17^1 + 27^2 = 40 + 120 + 161 + 171 + 272 \\ 764 &:= 2^0 + 7^1 + 14^0 + 26^1 + 27^2 = 20 + 71 + 140 + 261 + 272 & 764 &:= 4^0 + 12^0 + 19^2 + 20^2 + 21^0 = 40 + 120 + 192 + 202 + 210 \\ 764 &:= 2^0 + 8^0 + 19^2 + 20^2 + 27^0 = 20 + 80 + 192 + 202 + 270 & 764 &:= 4^0 + 13^0 + 19^2 + 20^0 + 20^2 = 40 + 130 + 192 + 200 + 202 \\ 764 &:= 2^0 + 8^1 + 14^0 + 25^1 + 27^2 = 20 + 81 + 140 + 251 + 272 & 764 &:= 4^0 + 14^0 + 19^0 + 19^2 + 20^2 = 40 + 140 + 190 + 192 + 202 \\ 764 &:= 2^0 + 9^0 + 19^2 + 20^2 + 26^0 = 20 + 90 + 192 + 202 + 260 & 764 &:= 4^0 + 15^0 + 18^0 + 19^2 + 20^2 = 40 + 150 + 180 + 192 + 202 \\ 764 &:= 2^0 + 9^1 + 14^0 + 24^1 + 27^2 = 20 + 91 + 140 + 241 + 272 & 764 &:= 4^0 + 16^0 + 17^0 + 19^2 + 20^2 = 40 + 160 + 170 + 192 + 202 \\ 764 &:= 2^7 + 3^4 + 22^0 + 23^2 + 25^1 = 27 + 34 + 220 + 232 + 251 & 764 &:= 4^0 + 6^0 + 19^2 + 20^2 + 27^0 = 40 + 60 + 192 + 202 + 270 \\ 764 &:= 2^9 + 9^2 + 12^2 + 26^0 + 26^1 = 29 + 92 + 122 + 260 + 261 & 764 &:= 4^0 + 6^1 + 12^0 + 27^1 + 27^2 = 40 + 61 + 120 + 271 + 272 \\ 764 &:= 3^0 + 10^0 + 19^2 + 20^2 + 24^0 = 30 + 100 + 192 + 202 + 240 & 764 &:= 4^0 + 7^0 + 19^2 + 20^2 + 26^0 = 40 + 70 + 192 + 202 + 260 \\ 764 &:= 3^0 + 10^1 + 13^0 + 23^1 + 27^2 = 30 + 101 + 130 + 231 + 272 & 764 &:= 4^0 + 7^1 + 12^0 + 26^1 + 27^2 = 40 + 71 + 120 + 261 + 272 \end{aligned}$$

$$\begin{aligned} 764 &:= 4^0 + 8^0 + 19^2 + 20^2 + 25^0 = 40 + 80 + 192 + 202 + 250 & 764 &:= 6^0 + 14^0 + 17^0 + 19^2 + 20^2 = 60 + 140 + 170 + 192 + 202 \\ 764 &:= 4^0 + 8^1 + 12^0 + 25^1 + 27^2 = 40 + 81 + 120 + 251 + 272 & 764 &:= 6^0 + 15^0 + 16^0 + 19^2 + 20^2 = 60 + 150 + 160 + 192 + 202 \\ 764 &:= 4^0 + 9^0 + 19^2 + 20^2 + 24^0 = 40 + 90 + 192 + 202 + 240 & 764 &:= 6^0 + 6^0 + 19^2 + 20^2 + 25^0 = 60 + 60 + 192 + 202 + 250 \\ 764 &:= 4^0 + 9^1 + 12^0 + 24^1 + 27^2 = 40 + 91 + 120 + 241 + 272 & 764 &:= 6^0 + 6^1 + 10^0 + 27^1 + 27^2 = 60 + 61 + 100 + 271 + 272 \\ 764 &:= 5^0 + 10^0 + 19^2 + 20^2 + 22^0 = 50 + 100 + 192 + 202 + 220 & 764 &:= 6^0 + 7^0 + 19^2 + 20^2 + 24^0 = 60 + 70 + 192 + 202 + 240 \\ 764 &:= 5^0 + 10^1 + 11^0 + 23^1 + 27^2 = 50 + 101 + 110 + 231 + 272 & 764 &:= 6^0 + 7^1 + 10^0 + 26^1 + 27^2 = 60 + 71 + 100 + 261 + 272 \\ 764 &:= 5^0 + 11^0 + 11^1 + 22^1 + 27^2 = 50 + 110 + 111 + 221 + 272 & 764 &:= 6^0 + 8^0 + 19^2 + 20^2 + 23^0 = 60 + 80 + 192 + 202 + 230 \\ 764 &:= 5^0 + 11^0 + 12^1 + 21^1 + 27^2 = 50 + 110 + 121 + 211 + 272 & 764 &:= 6^0 + 8^1 + 10^0 + 25^1 + 27^2 = 60 + 81 + 100 + 251 + 272 \\ 764 &:= 5^0 + 11^0 + 13^1 + 20^1 + 27^2 = 50 + 110 + 131 + 201 + 272 & 764 &:= 6^0 + 9^0 + 19^2 + 20^2 + 22^0 = 60 + 90 + 192 + 202 + 220 \\ 764 &:= 5^0 + 11^0 + 14^1 + 19^1 + 27^2 = 50 + 110 + 141 + 191 + 272 & 764 &:= 6^0 + 9^1 + 10^0 + 24^1 + 27^2 = 60 + 91 + 100 + 241 + 272 \\ 764 &:= 5^0 + 11^0 + 15^1 + 18^1 + 27^2 = 50 + 110 + 151 + 181 + 272 & 764 &:= 6^1 + 7^0 + 9^0 + 27^1 + 27^2 = 61 + 70 + 90 + 271 + 272 \\ 764 &:= 5^0 + 11^0 + 16^1 + 17^1 + 27^2 = 50 + 110 + 161 + 171 + 272 & 764 &:= 6^1 + 8^0 + 8^0 + 27^1 + 27^2 = 61 + 80 + 80 + 271 + 272 \\ 764 &:= 5^0 + 11^0 + 19^2 + 20^2 + 21^0 = 50 + 110 + 192 + 202 + 210 & 764 &:= 7^0 + 10^0 + 19^2 + 20^0 + 20^2 = 70 + 100 + 192 + 200 + 202 \\ 764 &:= 5^0 + 12^0 + 19^2 + 20^0 + 20^2 = 50 + 120 + 192 + 200 + 202 & 764 &:= 7^0 + 11^0 + 19^0 + 19^2 + 20^2 = 70 + 110 + 190 + 192 + 202 \\ 764 &:= 5^0 + 13^0 + 19^0 + 19^2 + 20^2 = 50 + 130 + 190 + 192 + 202 & 764 &:= 7^0 + 12^0 + 18^0 + 19^2 + 20^2 = 70 + 120 + 180 + 192 + 202 \\ 764 &:= 5^0 + 14^0 + 18^0 + 19^2 + 20^2 = 50 + 140 + 180 + 192 + 202 & 764 &:= 7^0 + 13^0 + 17^0 + 19^2 + 20^2 = 70 + 130 + 170 + 192 + 202 \\ 764 &:= 5^0 + 15^0 + 17^0 + 19^2 + 20^2 = 50 + 150 + 170 + 192 + 202 & 764 &:= 7^0 + 14^0 + 16^0 + 19^2 + 20^2 = 70 + 140 + 160 + 192 + 202 \\ 764 &:= 5^0 + 16^0 + 16^0 + 19^2 + 20^2 = 50 + 160 + 160 + 192 + 202 & 764 &:= 7^0 + 15^0 + 15^0 + 19^2 + 20^2 = 70 + 150 + 150 + 192 + 202 \\ 764 &:= 5^0 + 5^0 + 19^2 + 20^2 + 27^0 = 50 + 50 + 192 + 202 + 270 & 764 &:= 7^0 + 7^0 + 19^2 + 20^2 + 23^0 = 70 + 70 + 192 + 202 + 230 \\ 764 &:= 5^0 + 6^0 + 19^2 + 20^2 + 26^0 = 50 + 60 + 192 + 202 + 260 & 764 &:= 7^0 + 7^1 + 9^0 + 26^1 + 27^2 = 70 + 71 + 90 + 261 + 272 \\ 764 &:= 5^0 + 6^1 + 11^0 + 27^1 + 27^2 = 50 + 61 + 110 + 271 + 272 & 764 &:= 7^0 + 8^0 + 19^2 + 20^2 + 22^0 = 70 + 80 + 192 + 202 + 220 \\ 764 &:= 5^0 + 7^0 + 19^2 + 20^2 + 25^0 = 50 + 70 + 192 + 202 + 250 & 764 &:= 7^0 + 8^1 + 9^0 + 25^1 + 27^2 = 70 + 81 + 90 + 251 + 272 \\ 764 &:= 5^0 + 7^1 + 11^0 + 26^1 + 27^2 = 50 + 71 + 110 + 261 + 272 & 764 &:= 7^0 + 9^0 + 10^1 + 23^1 + 27^2 = 70 + 90 + 101 + 231 + 272 \\ 764 &:= 5^0 + 8^0 + 19^2 + 20^2 + 24^0 = 50 + 80 + 192 + 202 + 240 & 764 &:= 7^0 + 9^0 + 11^1 + 22^1 + 27^2 = 70 + 90 + 111 + 221 + 272 \\ 764 &:= 5^0 + 8^1 + 11^0 + 25^1 + 27^2 = 50 + 81 + 110 + 251 + 272 & 764 &:= 7^0 + 9^0 + 12^1 + 21^1 + 27^2 = 70 + 90 + 121 + 211 + 272 \\ 764 &:= 5^0 + 9^0 + 19^2 + 20^2 + 23^0 = 50 + 90 + 192 + 202 + 230 & 764 &:= 7^0 + 9^0 + 13^1 + 20^1 + 27^2 = 70 + 90 + 131 + 201 + 272 \\ 764 &:= 5^0 + 9^1 + 11^0 + 24^1 + 27^2 = 50 + 91 + 110 + 241 + 272 & 764 &:= 7^0 + 9^0 + 14^1 + 19^1 + 27^2 = 70 + 90 + 141 + 191 + 272 \\ 764 &:= 6^0 + 10^0 + 10^1 + 23^1 + 27^2 = 60 + 100 + 101 + 231 + 272 & 764 &:= 7^0 + 9^0 + 15^1 + 18^1 + 27^2 = 70 + 90 + 151 + 181 + 272 \\ 764 &:= 6^0 + 10^0 + 11^1 + 22^1 + 27^2 = 60 + 100 + 111 + 221 + 272 & 764 &:= 7^0 + 9^0 + 16^1 + 17^1 + 27^2 = 70 + 90 + 161 + 171 + 272 \\ 764 &:= 6^0 + 10^0 + 12^1 + 21^1 + 27^2 = 60 + 100 + 121 + 211 + 272 & 764 &:= 7^0 + 9^0 + 19^2 + 20^2 + 21^0 = 70 + 90 + 192 + 202 + 210 \\ 764 &:= 6^0 + 10^0 + 13^1 + 20^1 + 27^2 = 60 + 100 + 131 + 201 + 272 & 764 &:= 7^0 + 9^0 + 9^1 + 24^1 + 27^2 = 70 + 90 + 91 + 241 + 272 \\ 764 &:= 6^0 + 10^0 + 14^1 + 19^1 + 27^2 = 60 + 100 + 141 + 191 + 272 & 764 &:= 7^1 + 8^0 + 8^0 + 26^1 + 27^2 = 71 + 80 + 80 + 261 + 272 \\ 764 &:= 6^0 + 10^0 + 15^1 + 18^1 + 27^2 = 60 + 100 + 151 + 181 + 272 & 764 &:= 8^0 + 10^0 + 19^0 + 19^2 + 20^2 = 80 + 100 + 190 + 192 + 202 \\ 764 &:= 6^0 + 10^0 + 16^1 + 17^1 + 27^2 = 60 + 100 + 161 + 171 + 272 & 764 &:= 8^0 + 11^0 + 18^0 + 19^2 + 20^2 = 80 + 110 + 180 + 192 + 202 \\ 764 &:= 6^0 + 10^0 + 19^2 + 20^2 + 21^0 = 60 + 100 + 192 + 202 + 210 & 764 &:= 8^0 + 12^0 + 17^0 + 19^2 + 20^2 = 80 + 120 + 170 + 192 + 202 \\ 764 &:= 6^0 + 11^0 + 19^2 + 20^0 + 20^2 = 60 + 110 + 192 + 200 + 202 & 764 &:= 8^0 + 13^0 + 16^0 + 19^2 + 20^2 = 80 + 130 + 160 + 192 + 202 \\ 764 &:= 6^0 + 12^0 + 19^0 + 19^2 + 20^2 = 60 + 120 + 190 + 192 + 202 & 764 &:= 8^0 + 14^0 + 15^0 + 19^2 + 20^2 = 80 + 140 + 150 + 192 + 202 \\ 764 &:= 6^0 + 13^0 + 18^0 + 19^2 + 20^2 = 60 + 130 + 180 + 192 + 202 & 764 &:= 8^0 + 8^0 + 10^1 + 23^1 + 27^2 = 80 + 80 + 101 + 231 + 272 \end{aligned}$$

$$\begin{aligned}
 764 &:= 8^0 + 8^0 + 11^1 + 22^1 + 27^2 = 80 + 80 + 111 + 221 + 272 \\
 764 &:= 8^0 + 8^0 + 12^1 + 21^1 + 27^2 = 80 + 80 + 121 + 211 + 272 \\
 764 &:= 8^0 + 8^0 + 13^1 + 20^1 + 27^2 = 80 + 80 + 131 + 201 + 272 \\
 764 &:= 8^0 + 8^0 + 14^1 + 19^1 + 27^2 = 80 + 80 + 141 + 191 + 272 \\
 764 &:= 8^0 + 8^0 + 15^1 + 18^1 + 27^2 = 80 + 80 + 151 + 181 + 272 \\
 764 &:= 8^0 + 8^0 + 16^1 + 17^1 + 27^2 = 80 + 80 + 161 + 171 + 272 \\
 764 &:= 8^0 + 8^0 + 19^2 + 20^2 + 21^0 = 80 + 80 + 192 + 202 + 210 \\
 764 &:= 8^0 + 8^0 + 8^1 + 25^1 + 27^2 = 80 + 80 + 81 + 251 + 272 \\
 764 &:= 8^0 + 8^0 + 9^1 + 24^1 + 27^2 = 80 + 80 + 91 + 241 + 272
 \end{aligned}$$

$$\begin{aligned}
 764 &:= 8^0 + 9^0 + 19^2 + 20^0 + 20^2 = 80 + 90 + 192 + 200 + 202 \\
 764 &:= 9^0 + 10^0 + 18^0 + 19^2 + 20^2 = 90 + 100 + 180 + 192 + 202 \\
 764 &:= 9^0 + 11^0 + 17^0 + 19^2 + 20^2 = 90 + 110 + 170 + 192 + 202 \\
 764 &:= 9^0 + 12^0 + 16^0 + 19^2 + 20^2 = 90 + 120 + 160 + 192 + 202 \\
 764 &:= 9^0 + 13^0 + 15^0 + 19^2 + 20^2 = 90 + 130 + 150 + 192 + 202 \\
 764 &:= 9^0 + 14^0 + 14^0 + 19^2 + 20^2 = 90 + 140 + 140 + 192 + 202 \\
 764 &:= 9^0 + 9^0 + 19^0 + 19^2 + 20^2 = 90 + 90 + 190 + 192 + 202
 \end{aligned}$$

2.2.666 Number 765

$$\begin{aligned}
 765 &:= 1^1 + 9^3 + 32^0 + 34^1 = 11 + 93 + 320 + 341 \\
 765 &:= 1^2 + 14^0 + 27^2 + 34^1 = 12 + 140 + 272 + 341 \\
 765 &:= 1^8 + 3^6 + 34^1 + 37^0 = 18 + 36 + 341 + 370 \\
 765 &:= 10^1 + 15^2 + 23^2 + 28^0 = 101 + 152 + 232 + 280 \\
 765 &:= 11^2 + 18^1 + 22^0 + 25^2 = 112 + 181 + 220 + 252 \\
 765 &:= 13^2 + 19^1 + 20^0 + 24^2 = 132 + 191 + 200 + 242 \\
 765 &:= 14^0 + 16^2 + 22^2 + 24^1 = 140 + 162 + 222 + 241 \\
 765 &:= 2^0 + 10^2 + 25^2 + 39^1 = 20 + 102 + 252 + 391 \\
 765 &:= 2^1 + 9^3 + 32^0 + 33^1 = 21 + 93 + 320 + 331 \\
 765 &:= 2^2 + 16^0 + 27^2 + 31^1 = 22 + 160 + 272 + 311 \\
 765 &:= 2^9 + 3^3 + 13^2 + 57^1 = 29 + 33 + 132 + 571 \\
 765 &:= 2^9 + 3^5 + 9^1 + 61^0 = 29 + 35 + 91 + 610 \\
 765 &:= 3^1 + 19^2 + 20^2 + 34^0 = 31 + 192 + 202 + 340 \\
 765 &:= 3^1 + 9^3 + 32^0 + 32^1 = 31 + 93 + 320 + 321 \\
 765 &:= 3^2 + 20^0 + 26^1 + 27^2 = 32 + 200 + 261 + 272 \\
 765 &:= 4^0 + 17^2 + 21^2 + 34^1 = 40 + 172 + 212 + 341 \\
 765 &:= 4^0 + 7^2 + 26^2 + 39^1 = 40 + 72 + 262 + 391 \\
 765 &:= 4^1 + 9^3 + 31^1 + 32^0 = 41 + 93 + 311 + 320 \\
 765 &:= 4^2 + 19^1 + 26^0 + 27^2 = 42 + 191 + 260 + 272 \\
 765 &:= 5^1 + 9^3 + 30^1 + 32^0 = 51 + 93 + 301 + 320 \\
 765 &:= 5^2 + 10^1 + 27^2 + 34^0 = 52 + 101 + 272 + 340 \\
 765 &:= 6^1 + 9^3 + 29^1 + 32^0 = 61 + 93 + 291 + 320 \\
 765 &:= 7^1 + 9^2 + 26^2 + 34^0 = 71 + 92 + 262 + 340 \\
 765 &:= 7^1 + 9^3 + 28^1 + 32^0 = 71 + 93 + 281 + 320 \\
 765 &:= 8^1 + 9^3 + 27^1 + 32^0 = 81 + 93 + 271 + 320 \\
 765 &:= 8^2 + 18^0 + 24^1 + 26^2 = 82 + 180 + 241 + 262 \\
 765 &:= 9^1 + 9^3 + 26^1 + 32^0 = 91 + 93 + 261 + 320
 \end{aligned}$$

$$\begin{aligned}
 765 &:= 9^3 + 10^1 + 25^1 + 32^0 = 93 + 101 + 251 + 320 \\
 765 &:= 9^3 + 11^1 + 24^1 + 32^0 = 93 + 111 + 241 + 320 \\
 765 &:= 9^3 + 12^1 + 23^1 + 32^0 = 93 + 121 + 231 + 320 \\
 765 &:= 9^3 + 13^1 + 22^1 + 32^0 = 93 + 131 + 221 + 320 \\
 765 &:= 9^3 + 14^1 + 21^1 + 32^0 = 93 + 141 + 211 + 320 \\
 765 &:= 9^3 + 15^1 + 20^1 + 32^0 = 93 + 151 + 201 + 320 \\
 765 &:= 9^3 + 16^1 + 19^1 + 32^0 = 93 + 161 + 191 + 320 \\
 765 &:= 9^3 + 17^1 + 18^1 + 32^0 = 93 + 171 + 181 + 320 \\
 765 &:= 1^0 + 11^2 + 17^1 + 22^0 + 25^2 = 10 + 112 + 171 + 220 + 252 \\
 765 &:= 1^0 + 13^2 + 18^1 + 20^0 + 24^2 = 10 + 132 + 181 + 200 + 242 \\
 765 &:= 1^0 + 14^0 + 16^2 + 22^2 + 23^1 = 10 + 140 + 162 + 222 + 231 \\
 765 &:= 1^0 + 3^2 + 20^0 + 25^1 + 27^2 = 10 + 32 + 200 + 251 + 272 \\
 765 &:= 1^0 + 4^2 + 18^1 + 26^0 + 27^2 = 10 + 42 + 181 + 260 + 272 \\
 765 &:= 1^0 + 8^2 + 18^0 + 23^1 + 26^2 = 10 + 82 + 180 + 231 + 262 \\
 765 &:= 1^1 + 10^1 + 14^0 + 24^1 + 27^2 = 11 + 101 + 140 + 241 + 272 \\
 765 &:= 1^1 + 11^1 + 14^0 + 23^1 + 27^2 = 11 + 111 + 140 + 231 + 272 \\
 765 &:= 1^1 + 12^1 + 14^0 + 22^1 + 27^2 = 11 + 121 + 140 + 221 + 272 \\
 765 &:= 1^1 + 13^1 + 14^0 + 21^1 + 27^2 = 11 + 131 + 140 + 211 + 272 \\
 765 &:= 1^1 + 14^0 + 14^1 + 20^1 + 27^2 = 11 + 140 + 141 + 201 + 272 \\
 765 &:= 1^1 + 14^0 + 15^1 + 19^1 + 27^2 = 11 + 140 + 151 + 191 + 272 \\
 765 &:= 1^1 + 14^0 + 16^1 + 18^1 + 27^2 = 11 + 140 + 161 + 181 + 272 \\
 765 &:= 1^1 + 14^0 + 17^1 + 17^1 + 27^2 = 11 + 140 + 171 + 171 + 272 \\
 765 &:= 1^1 + 7^1 + 14^0 + 27^1 + 27^2 = 11 + 71 + 140 + 271 + 272 \\
 765 &:= 1^1 + 8^1 + 14^0 + 26^1 + 27^2 = 11 + 81 + 140 + 261 + 272 \\
 765 &:= 1^1 + 9^1 + 14^0 + 25^1 + 27^2 = 11 + 91 + 140 + 251 + 272 \\
 765 &:= 1^4 + 2^8 + 22^2 + 23^1 + 27^0 = 14 + 28 + 222 + 231 + 270 \\
 765 &:= 1^6 + 2^6 + 23^0 + 23^1 + 26^2 = 16 + 26 + 230 + 231 + 262
 \end{aligned}$$

$$\begin{aligned} 765 &:= 1^8 + 15^2 + 16^2 + 16^2 + 27^1 = 18 + 152 + 162 + 162 + 271 & 765 &:= 2^1 + 13^1 + 14^0 + 20^1 + 27^2 = 21 + 131 + 140 + 201 + 272 \\ 765 &:= 1^8 + 2^4 + 18^1 + 27^0 + 27^2 = 18 + 24 + 181 + 270 + 272 & 765 &:= 2^1 + 14^0 + 14^1 + 19^1 + 27^2 = 21 + 140 + 141 + 191 + 272 \\ 765 &:= 1^8 + 4^4 + 22^2 + 23^1 + 25^0 = 18 + 44 + 222 + 231 + 250 & 765 &:= 2^1 + 14^0 + 15^1 + 18^1 + 27^2 = 21 + 140 + 151 + 181 + 272 \\ 765 &:= 1^9 + 10^2 + 12^1 + 25^2 + 27^1 = 19 + 102 + 121 + 252 + 271 & 765 &:= 2^1 + 14^0 + 16^1 + 17^1 + 27^2 = 21 + 140 + 161 + 171 + 272 \\ 765 &:= 1^9 + 10^2 + 13^1 + 25^2 + 26^1 = 19 + 102 + 131 + 252 + 261 & 765 &:= 2^1 + 14^0 + 19^2 + 20^2 + 21^0 = 21 + 140 + 192 + 202 + 210 \\ 765 &:= 1^9 + 10^2 + 14^1 + 25^1 + 25^2 = 19 + 102 + 141 + 251 + 252 & 765 &:= 2^1 + 15^0 + 19^2 + 20^0 + 20^2 = 21 + 150 + 192 + 200 + 202 \\ 765 &:= 1^9 + 10^2 + 15^1 + 24^1 + 25^2 = 19 + 102 + 151 + 241 + 252 & 765 &:= 2^1 + 16^0 + 19^0 + 19^2 + 20^2 = 21 + 160 + 190 + 192 + 202 \\ 765 &:= 1^9 + 10^2 + 16^1 + 23^1 + 25^2 = 19 + 102 + 161 + 231 + 252 & 765 &:= 2^1 + 17^0 + 18^0 + 19^2 + 20^2 = 21 + 170 + 180 + 192 + 202 \\ 765 &:= 1^9 + 10^2 + 17^1 + 22^1 + 25^2 = 19 + 102 + 171 + 221 + 252 & 765 &:= 2^1 + 6^1 + 14^0 + 27^1 + 27^2 = 21 + 61 + 140 + 271 + 272 \\ 765 &:= 1^9 + 10^2 + 18^1 + 21^1 + 25^2 = 19 + 102 + 181 + 211 + 252 & 765 &:= 2^1 + 7^1 + 14^0 + 26^1 + 27^2 = 21 + 71 + 140 + 261 + 272 \\ 765 &:= 1^9 + 10^2 + 19^1 + 20^1 + 25^2 = 19 + 102 + 191 + 201 + 252 & 765 &:= 2^1 + 8^0 + 19^2 + 20^2 + 27^0 = 21 + 80 + 192 + 202 + 270 \\ 765 &:= 1^9 + 2^3 + 19^0 + 26^1 + 27^2 = 19 + 23 + 190 + 261 + 272 & 765 &:= 2^1 + 8^1 + 14^0 + 25^1 + 27^2 = 21 + 81 + 140 + 251 + 272 \\ 765 &:= 1^9 + 4^3 + 21^0 + 23^1 + 26^2 = 19 + 43 + 210 + 231 + 262 & 765 &:= 2^1 + 9^0 + 19^2 + 20^2 + 26^0 = 21 + 90 + 192 + 202 + 260 \\ 765 &:= 1^9 + 6^3 + 18^1 + 23^2 + 27^0 = 19 + 63 + 181 + 232 + 270 & 765 &:= 2^1 + 9^1 + 14^0 + 24^1 + 27^2 = 21 + 91 + 140 + 241 + 272 \\ 765 &:= 1^9 + 7^3 + 20^1 + 20^2 + 27^0 = 19 + 73 + 201 + 202 + 270 & 765 &:= 2^8 + 3^4 + 20^2 + 23^0 + 27^1 = 28 + 34 + 202 + 230 + 271 \\ 765 &:= 1^9 + 8^3 + 15^2 + 25^0 + 26^1 = 19 + 83 + 152 + 250 + 261 & 765 &:= 2^8 + 4^4 + 15^2 + 27^0 + 27^1 = 28 + 44 + 152 + 270 + 271 \\ 765 &:= 10^0 + 11^0 + 13^2 + 18^1 + 24^2 = 100 + 110 + 132 + 181 + 242 & 765 &:= 2^9 + 10^2 + 10^2 + 26^1 + 27^1 = 29 + 102 + 102 + 261 + 271 \\ 765 &:= 10^0 + 11^2 + 13^0 + 17^1 + 25^2 = 100 + 112 + 130 + 171 + 252 & 765 &:= 3^0 + 11^2 + 17^1 + 20^0 + 25^2 = 30 + 112 + 171 + 200 + 252 \\ 765 &:= 10^1 + 10^1 + 14^0 + 15^1 + 27^2 = 101 + 101 + 140 + 151 + 272 & 765 &:= 3^0 + 12^0 + 16^2 + 22^2 + 23^1 = 30 + 120 + 162 + 222 + 231 \\ 765 &:= 10^1 + 11^1 + 14^0 + 14^1 + 27^2 = 101 + 111 + 140 + 141 + 272 & 765 &:= 3^0 + 13^2 + 18^0 + 18^1 + 24^2 = 30 + 132 + 180 + 181 + 242 \\ 765 &:= 10^1 + 12^1 + 13^1 + 14^0 + 27^2 = 101 + 121 + 131 + 140 + 272 & 765 &:= 3^0 + 3^2 + 18^0 + 25^1 + 27^2 = 30 + 32 + 180 + 251 + 272 \\ 765 &:= 11^0 + 11^2 + 12^0 + 17^1 + 25^2 = 110 + 112 + 120 + 171 + 252 & 765 &:= 3^0 + 4^2 + 18^1 + 24^0 + 27^2 = 30 + 42 + 181 + 240 + 272 \\ 765 &:= 11^1 + 11^1 + 13^1 + 14^0 + 27^2 = 111 + 111 + 131 + 140 + 272 & 765 &:= 3^0 + 8^2 + 16^0 + 23^1 + 26^2 = 30 + 82 + 160 + 231 + 262 \\ 765 &:= 11^1 + 12^1 + 12^1 + 14^0 + 27^2 = 111 + 121 + 121 + 140 + 272 & 765 &:= 3^0 + 9^1 + 15^2 + 23^2 + 26^0 = 30 + 91 + 152 + 232 + 260 \\ 765 &:= 2^0 + 11^2 + 17^1 + 21^0 + 25^2 = 20 + 112 + 171 + 210 + 252 & 765 &:= 3^1 + 10^1 + 14^0 + 22^1 + 27^2 = 31 + 101 + 140 + 221 + 272 \\ 765 &:= 2^0 + 13^0 + 16^2 + 22^2 + 23^1 = 20 + 130 + 162 + 222 + 231 & 765 &:= 3^1 + 11^1 + 14^0 + 21^1 + 27^2 = 31 + 111 + 140 + 211 + 272 \\ 765 &:= 2^0 + 13^2 + 18^1 + 19^0 + 24^2 = 20 + 132 + 181 + 190 + 242 & 765 &:= 3^1 + 12^1 + 14^0 + 20^1 + 27^2 = 31 + 121 + 140 + 201 + 272 \\ 765 &:= 2^0 + 3^2 + 19^0 + 25^1 + 27^2 = 20 + 32 + 190 + 251 + 272 & 765 &:= 3^1 + 13^1 + 14^0 + 19^1 + 27^2 = 31 + 131 + 140 + 191 + 272 \\ 765 &:= 2^0 + 4^2 + 18^1 + 25^0 + 27^2 = 20 + 42 + 181 + 250 + 272 & 765 &:= 3^1 + 14^0 + 14^1 + 18^1 + 27^2 = 31 + 140 + 141 + 181 + 272 \\ 765 &:= 2^0 + 8^2 + 17^0 + 23^1 + 26^2 = 20 + 82 + 170 + 231 + 262 & 765 &:= 3^1 + 14^0 + 15^1 + 17^1 + 27^2 = 31 + 140 + 151 + 171 + 272 \\ 765 &:= 2^0 + 9^1 + 15^2 + 23^2 + 27^0 = 20 + 91 + 152 + 232 + 270 & 765 &:= 3^1 + 14^0 + 16^1 + 16^1 + 27^2 = 31 + 140 + 161 + 161 + 272 \\ 765 &:= 2^1 + 10^0 + 19^2 + 20^2 + 25^0 = 21 + 100 + 192 + 202 + 250 & 765 &:= 3^1 + 5^1 + 14^0 + 27^1 + 27^2 = 31 + 51 + 140 + 271 + 272 \\ 765 &:= 2^1 + 10^1 + 14^0 + 23^1 + 27^2 = 21 + 101 + 140 + 231 + 272 & 765 &:= 3^1 + 6^1 + 14^0 + 26^1 + 27^2 = 31 + 61 + 140 + 261 + 272 \\ 765 &:= 2^1 + 11^0 + 19^2 + 20^2 + 24^0 = 21 + 110 + 192 + 202 + 240 & 765 &:= 3^1 + 7^1 + 14^0 + 25^1 + 27^2 = 31 + 71 + 140 + 251 + 272 \\ 765 &:= 2^1 + 11^1 + 14^0 + 22^1 + 27^2 = 21 + 111 + 140 + 221 + 272 & 765 &:= 3^1 + 8^1 + 14^0 + 24^1 + 27^2 = 31 + 81 + 140 + 241 + 272 \\ 765 &:= 2^1 + 12^0 + 19^2 + 20^2 + 23^0 = 21 + 120 + 192 + 202 + 230 & 765 &:= 3^1 + 9^1 + 14^0 + 23^1 + 27^2 = 31 + 91 + 140 + 231 + 272 \\ 765 &:= 2^1 + 12^1 + 14^0 + 21^1 + 27^2 = 21 + 121 + 140 + 211 + 272 & 765 &:= 3^2 + 10^0 + 11^0 + 25^1 + 27^2 = 32 + 100 + 110 + 251 + 272 \\ 765 &:= 2^1 + 13^0 + 19^2 + 20^2 + 22^0 = 21 + 130 + 192 + 202 + 220 & 765 &:= 3^2 + 4^0 + 17^0 + 25^1 + 27^2 = 32 + 40 + 170 + 251 + 272 \end{aligned}$$

$$\begin{aligned} 765 &:= 3^2 + 5^0 + 16^0 + 25^1 + 27^2 = 32 + 50 + 160 + 251 + 272 & 765 &:= 5^1 + 11^1 + 14^0 + 19^1 + 27^2 = 51 + 111 + 140 + 191 + 272 \\ 765 &:= 3^2 + 6^0 + 15^0 + 25^1 + 27^2 = 32 + 60 + 150 + 251 + 272 & 765 &:= 5^1 + 12^1 + 14^0 + 18^1 + 27^2 = 51 + 121 + 140 + 181 + 272 \\ 765 &:= 3^2 + 7^0 + 14^0 + 25^1 + 27^2 = 32 + 70 + 140 + 251 + 272 & 765 &:= 5^1 + 13^1 + 14^0 + 17^1 + 27^2 = 51 + 131 + 140 + 171 + 272 \\ 765 &:= 3^2 + 8^0 + 13^0 + 25^1 + 27^2 = 32 + 80 + 130 + 251 + 272 & 765 &:= 5^1 + 14^0 + 14^1 + 16^1 + 27^2 = 51 + 140 + 141 + 161 + 272 \\ 765 &:= 3^2 + 9^0 + 12^0 + 25^1 + 27^2 = 32 + 90 + 120 + 251 + 272 & 765 &:= 5^1 + 14^0 + 15^1 + 15^1 + 27^2 = 51 + 140 + 151 + 151 + 272 \\ 765 &:= 4^0 + 11^0 + 16^2 + 22^2 + 23^1 = 40 + 110 + 162 + 222 + 231 & 765 &:= 5^1 + 5^1 + 14^0 + 25^1 + 27^2 = 51 + 51 + 140 + 251 + 272 \\ 765 &:= 4^0 + 11^2 + 17^1 + 19^0 + 25^2 = 40 + 112 + 171 + 190 + 252 & 765 &:= 5^1 + 6^1 + 14^0 + 24^1 + 27^2 = 51 + 61 + 140 + 241 + 272 \\ 765 &:= 4^0 + 13^2 + 17^0 + 18^1 + 24^2 = 40 + 132 + 170 + 181 + 242 & 765 &:= 5^1 + 7^1 + 14^0 + 23^1 + 27^2 = 51 + 71 + 140 + 231 + 272 \\ 765 &:= 4^0 + 4^2 + 18^1 + 23^0 + 27^2 = 40 + 42 + 181 + 230 + 272 & 765 &:= 5^1 + 8^1 + 14^0 + 22^1 + 27^2 = 51 + 81 + 140 + 221 + 272 \\ 765 &:= 4^0 + 8^2 + 15^0 + 23^1 + 26^2 = 40 + 82 + 150 + 231 + 262 & 765 &:= 5^1 + 9^1 + 14^0 + 21^1 + 27^2 = 51 + 91 + 140 + 211 + 272 \\ 765 &:= 4^0 + 9^1 + 15^2 + 23^2 + 25^0 = 40 + 91 + 152 + 232 + 250 & 765 &:= 5^2 + 8^0 + 9^1 + 27^0 + 27^2 = 52 + 80 + 91 + 270 + 272 \\ 765 &:= 4^1 + 10^1 + 14^0 + 21^1 + 27^2 = 41 + 101 + 140 + 211 + 272 & 765 &:= 5^2 + 9^0 + 9^1 + 26^0 + 27^2 = 52 + 90 + 91 + 260 + 272 \\ 765 &:= 4^1 + 11^1 + 14^0 + 20^1 + 27^2 = 41 + 111 + 140 + 201 + 272 & 765 &:= 5^2 + 9^1 + 10^0 + 25^0 + 27^2 = 52 + 91 + 100 + 250 + 272 \\ 765 &:= 4^1 + 12^1 + 14^0 + 19^1 + 27^2 = 41 + 121 + 140 + 191 + 272 & 765 &:= 5^2 + 9^1 + 11^0 + 24^0 + 27^2 = 52 + 91 + 110 + 240 + 272 \\ 765 &:= 4^1 + 13^1 + 14^0 + 18^1 + 27^2 = 41 + 131 + 140 + 181 + 272 & 765 &:= 5^2 + 9^1 + 12^0 + 23^0 + 27^2 = 52 + 91 + 120 + 230 + 272 \\ 765 &:= 4^1 + 14^0 + 14^1 + 17^1 + 27^2 = 41 + 140 + 141 + 171 + 272 & 765 &:= 5^2 + 9^1 + 13^0 + 22^0 + 27^2 = 52 + 91 + 130 + 220 + 272 \\ 765 &:= 4^1 + 14^0 + 15^1 + 16^1 + 27^2 = 41 + 140 + 151 + 161 + 272 & 765 &:= 5^2 + 9^1 + 14^0 + 21^0 + 27^2 = 52 + 91 + 140 + 210 + 272 \\ 765 &:= 4^1 + 4^1 + 14^0 + 27^1 + 27^2 = 41 + 41 + 140 + 271 + 272 & 765 &:= 5^2 + 9^1 + 15^0 + 20^0 + 27^2 = 52 + 91 + 150 + 200 + 272 \\ 765 &:= 4^1 + 5^1 + 14^0 + 26^1 + 27^2 = 41 + 51 + 140 + 261 + 272 & 765 &:= 5^2 + 9^1 + 16^0 + 19^0 + 27^2 = 52 + 91 + 160 + 190 + 272 \\ 765 &:= 4^1 + 6^1 + 14^0 + 25^1 + 27^2 = 41 + 61 + 140 + 251 + 272 & 765 &:= 5^2 + 9^1 + 17^0 + 18^0 + 27^2 = 52 + 91 + 170 + 180 + 272 \\ 765 &:= 4^1 + 7^1 + 14^0 + 24^1 + 27^2 = 41 + 71 + 140 + 241 + 272 & 765 &:= 6^0 + 11^2 + 17^0 + 17^1 + 25^2 = 60 + 112 + 170 + 171 + 252 \\ 765 &:= 4^1 + 8^1 + 14^0 + 23^1 + 27^2 = 41 + 81 + 140 + 231 + 272 & 765 &:= 6^0 + 13^2 + 15^0 + 18^1 + 24^2 = 60 + 132 + 150 + 181 + 242 \\ 765 &:= 4^1 + 9^1 + 14^0 + 22^1 + 27^2 = 41 + 91 + 140 + 221 + 272 & 765 &:= 6^0 + 7^1 + 9^3 + 27^0 + 27^1 = 60 + 71 + 93 + 270 + 271 \\ 765 &:= 4^2 + 10^0 + 17^0 + 18^1 + 27^2 = 42 + 100 + 170 + 181 + 272 & 765 &:= 6^0 + 8^1 + 9^3 + 26^1 + 27^0 = 60 + 81 + 93 + 261 + 270 \\ 765 &:= 4^2 + 11^0 + 16^0 + 18^1 + 27^2 = 42 + 110 + 160 + 181 + 272 & 765 &:= 6^0 + 8^2 + 13^0 + 23^1 + 26^2 = 60 + 82 + 130 + 231 + 262 \\ 765 &:= 4^2 + 12^0 + 15^0 + 18^1 + 27^2 = 42 + 120 + 150 + 181 + 272 & 765 &:= 6^0 + 9^0 + 16^2 + 22^2 + 23^1 = 60 + 90 + 162 + 222 + 231 \\ 765 &:= 4^2 + 13^0 + 14^0 + 18^1 + 27^2 = 42 + 130 + 140 + 181 + 272 & 765 &:= 6^0 + 9^1 + 15^2 + 23^0 + 23^2 = 60 + 91 + 152 + 230 + 232 \\ 765 &:= 4^2 + 5^0 + 18^1 + 22^0 + 27^2 = 42 + 50 + 181 + 220 + 272 & 765 &:= 6^0 + 9^1 + 9^3 + 25^1 + 27^0 = 60 + 91 + 93 + 251 + 270 \\ 765 &:= 4^2 + 6^0 + 18^1 + 21^0 + 27^2 = 42 + 60 + 181 + 210 + 272 & 765 &:= 6^0 + 9^3 + 10^1 + 24^1 + 27^0 = 60 + 93 + 101 + 241 + 270 \\ 765 &:= 4^2 + 7^0 + 18^1 + 20^0 + 27^2 = 42 + 70 + 181 + 200 + 272 & 765 &:= 6^0 + 9^3 + 11^1 + 23^1 + 27^0 = 60 + 93 + 111 + 231 + 270 \\ 765 &:= 4^2 + 8^0 + 18^1 + 19^0 + 27^2 = 42 + 80 + 181 + 190 + 272 & 765 &:= 6^0 + 9^3 + 12^1 + 22^1 + 27^0 = 60 + 93 + 121 + 221 + 270 \\ 765 &:= 4^2 + 9^0 + 18^0 + 18^1 + 27^2 = 42 + 90 + 180 + 181 + 272 & 765 &:= 6^0 + 9^3 + 13^1 + 21^1 + 27^0 = 60 + 93 + 131 + 211 + 270 \\ 765 &:= 5^0 + 10^0 + 16^2 + 22^2 + 23^1 = 50 + 100 + 162 + 222 + 231 & 765 &:= 6^0 + 9^3 + 14^1 + 20^1 + 27^0 = 60 + 93 + 141 + 201 + 270 \\ 765 &:= 5^0 + 11^2 + 17^1 + 18^0 + 25^2 = 50 + 112 + 171 + 180 + 252 & 765 &:= 6^0 + 9^3 + 15^1 + 19^1 + 27^0 = 60 + 93 + 151 + 191 + 270 \\ 765 &:= 5^0 + 13^2 + 16^0 + 18^1 + 24^2 = 50 + 132 + 160 + 181 + 242 & 765 &:= 6^0 + 9^3 + 16^1 + 18^1 + 27^0 = 60 + 93 + 161 + 181 + 270 \\ 765 &:= 5^0 + 8^2 + 14^0 + 23^1 + 26^2 = 50 + 82 + 140 + 231 + 262 & 765 &:= 6^0 + 9^3 + 17^1 + 17^1 + 27^0 = 60 + 93 + 171 + 171 + 270 \\ 765 &:= 5^0 + 9^1 + 15^2 + 23^2 + 24^0 = 50 + 91 + 152 + 232 + 240 & 765 &:= 6^1 + 10^1 + 14^0 + 19^1 + 27^2 = 61 + 101 + 140 + 191 + 272 \\ 765 &:= 5^1 + 10^1 + 14^0 + 20^1 + 27^2 = 51 + 101 + 140 + 201 + 272 & 765 &:= 6^1 + 11^1 + 14^0 + 18^1 + 27^2 = 61 + 111 + 140 + 181 + 272 \end{aligned}$$

$$\begin{aligned} 765 &:= 6^1 + 12^1 + 14^0 + 17^1 + 27^2 = 61 + 121 + 140 + 171 + 272 & 765 &:= 7^1 + 7^1 + 14^0 + 21^1 + 27^2 = 71 + 71 + 140 + 211 + 272 \\ 765 &:= 6^1 + 13^1 + 14^0 + 16^1 + 27^2 = 61 + 131 + 140 + 161 + 272 & 765 &:= 7^1 + 8^0 + 9^3 + 25^0 + 27^1 = 71 + 80 + 93 + 250 + 271 \\ 765 &:= 6^1 + 14^0 + 14^1 + 15^1 + 27^2 = 61 + 140 + 141 + 151 + 272 & 765 &:= 7^1 + 8^1 + 14^0 + 20^1 + 27^2 = 71 + 81 + 140 + 201 + 272 \\ 765 &:= 6^1 + 6^1 + 14^0 + 23^1 + 27^2 = 61 + 61 + 140 + 231 + 272 & 765 &:= 7^1 + 9^0 + 9^3 + 24^0 + 27^1 = 71 + 90 + 93 + 240 + 271 \\ 765 &:= 6^1 + 7^1 + 14^0 + 22^1 + 27^2 = 61 + 71 + 140 + 221 + 272 & 765 &:= 7^1 + 9^1 + 14^0 + 19^1 + 27^2 = 71 + 91 + 140 + 191 + 272 \\ 765 &:= 6^1 + 8^0 + 9^2 + 26^2 + 27^0 = 61 + 80 + 92 + 262 + 270 & 765 &:= 7^1 + 9^3 + 10^0 + 23^0 + 27^1 = 71 + 93 + 100 + 230 + 271 \\ 765 &:= 6^1 + 8^1 + 14^0 + 21^1 + 27^2 = 61 + 81 + 140 + 211 + 272 & 765 &:= 7^1 + 9^3 + 11^0 + 22^0 + 27^1 = 71 + 93 + 110 + 220 + 271 \\ 765 &:= 6^1 + 9^0 + 9^2 + 26^0 + 26^2 = 61 + 90 + 92 + 260 + 262 & 765 &:= 7^1 + 9^3 + 12^0 + 21^0 + 27^1 = 71 + 93 + 120 + 210 + 271 \\ 765 &:= 6^1 + 9^1 + 14^0 + 20^1 + 27^2 = 61 + 91 + 140 + 201 + 272 & 765 &:= 7^1 + 9^3 + 13^0 + 20^0 + 27^1 = 71 + 93 + 130 + 200 + 271 \\ 765 &:= 6^1 + 9^2 + 10^0 + 25^0 + 26^2 = 61 + 92 + 100 + 250 + 262 & 765 &:= 7^1 + 9^3 + 14^0 + 19^0 + 27^1 = 71 + 93 + 140 + 190 + 271 \\ 765 &:= 6^1 + 9^2 + 11^0 + 24^0 + 26^2 = 61 + 92 + 110 + 240 + 262 & 765 &:= 7^1 + 9^3 + 15^0 + 18^0 + 27^1 = 71 + 93 + 150 + 180 + 271 \\ 765 &:= 6^1 + 9^2 + 12^0 + 23^0 + 26^2 = 61 + 92 + 120 + 230 + 262 & 765 &:= 7^1 + 9^3 + 16^0 + 17^0 + 27^1 = 71 + 93 + 160 + 170 + 271 \\ 765 &:= 6^1 + 9^2 + 13^0 + 22^0 + 26^2 = 61 + 92 + 130 + 220 + 262 & 765 &:= 8^0 + 11^2 + 15^0 + 17^1 + 25^2 = 80 + 112 + 150 + 171 + 252 \\ 765 &:= 6^1 + 9^2 + 14^0 + 21^0 + 26^2 = 61 + 92 + 140 + 210 + 262 & 765 &:= 8^0 + 13^0 + 13^2 + 18^1 + 24^2 = 80 + 130 + 132 + 181 + 242 \\ 765 &:= 6^1 + 9^2 + 15^0 + 20^0 + 26^2 = 61 + 92 + 150 + 200 + 262 & 765 &:= 8^0 + 8^1 + 9^3 + 25^0 + 26^1 = 80 + 81 + 93 + 250 + 261 \\ 765 &:= 6^1 + 9^2 + 16^0 + 19^0 + 26^2 = 61 + 92 + 160 + 190 + 262 & 765 &:= 8^0 + 8^2 + 11^0 + 23^1 + 26^2 = 80 + 82 + 110 + 231 + 262 \\ 765 &:= 6^1 + 9^2 + 17^0 + 18^0 + 26^2 = 61 + 92 + 170 + 180 + 262 & 765 &:= 8^0 + 9^1 + 15^2 + 21^0 + 23^2 = 80 + 91 + 152 + 210 + 232 \\ 765 &:= 7^0 + 11^2 + 16^0 + 17^1 + 25^2 = 70 + 112 + 160 + 171 + 252 & 765 &:= 8^0 + 9^1 + 9^3 + 25^0 + 25^1 = 80 + 91 + 93 + 250 + 251 \\ 765 &:= 7^0 + 13^2 + 14^0 + 18^1 + 24^2 = 70 + 132 + 140 + 181 + 242 & 765 &:= 8^0 + 9^3 + 10^1 + 24^1 + 25^0 = 80 + 93 + 101 + 241 + 250 \\ 765 &:= 7^0 + 7^1 + 9^3 + 26^0 + 27^1 = 70 + 71 + 93 + 260 + 271 & 765 &:= 8^0 + 9^3 + 11^1 + 23^1 + 25^0 = 80 + 93 + 111 + 231 + 250 \\ 765 &:= 7^0 + 8^0 + 16^2 + 22^2 + 23^1 = 70 + 80 + 162 + 222 + 231 & 765 &:= 8^0 + 9^3 + 12^1 + 22^1 + 25^0 = 80 + 93 + 121 + 221 + 250 \\ 765 &:= 7^0 + 8^1 + 9^3 + 26^0 + 26^1 = 70 + 81 + 93 + 260 + 261 & 765 &:= 8^0 + 9^3 + 13^1 + 21^1 + 25^0 = 80 + 93 + 131 + 211 + 250 \\ 765 &:= 7^0 + 8^2 + 12^0 + 23^1 + 26^2 = 70 + 82 + 120 + 231 + 262 & 765 &:= 8^0 + 9^3 + 14^1 + 20^1 + 25^0 = 80 + 93 + 141 + 201 + 250 \\ 765 &:= 7^0 + 9^1 + 15^2 + 22^0 + 23^2 = 70 + 91 + 152 + 220 + 232 & 765 &:= 8^0 + 9^3 + 15^1 + 19^1 + 25^0 = 80 + 93 + 151 + 191 + 250 \\ 765 &:= 7^0 + 9^1 + 9^3 + 25^1 + 26^0 = 70 + 91 + 93 + 251 + 260 & 765 &:= 8^0 + 9^3 + 16^1 + 18^1 + 25^0 = 80 + 93 + 161 + 181 + 250 \\ 765 &:= 7^0 + 9^3 + 10^1 + 24^1 + 26^0 = 70 + 93 + 101 + 241 + 260 & 765 &:= 8^0 + 9^3 + 17^1 + 17^1 + 25^0 = 80 + 93 + 171 + 171 + 250 \\ 765 &:= 7^0 + 9^3 + 11^1 + 23^1 + 26^0 = 70 + 93 + 111 + 231 + 260 & 765 &:= 8^1 + 10^1 + 14^0 + 17^1 + 27^2 = 81 + 101 + 140 + 171 + 272 \\ 765 &:= 7^0 + 9^3 + 12^1 + 22^1 + 26^0 = 70 + 93 + 121 + 221 + 260 & 765 &:= 8^1 + 11^1 + 14^0 + 16^1 + 27^2 = 81 + 111 + 140 + 161 + 272 \\ 765 &:= 7^0 + 9^3 + 13^1 + 21^1 + 26^0 = 70 + 93 + 131 + 211 + 260 & 765 &:= 8^1 + 12^1 + 14^0 + 15^1 + 27^2 = 81 + 121 + 140 + 151 + 272 \\ 765 &:= 7^0 + 9^3 + 14^1 + 20^1 + 26^0 = 70 + 93 + 141 + 201 + 260 & 765 &:= 8^1 + 13^1 + 14^0 + 14^1 + 27^2 = 81 + 131 + 140 + 141 + 272 \\ 765 &:= 7^0 + 9^3 + 15^1 + 19^1 + 26^0 = 70 + 93 + 151 + 191 + 260 & 765 &:= 8^1 + 8^1 + 14^0 + 19^1 + 27^2 = 81 + 81 + 140 + 191 + 272 \\ 765 &:= 7^0 + 9^3 + 16^1 + 18^1 + 26^0 = 70 + 93 + 161 + 181 + 260 & 765 &:= 8^1 + 9^0 + 9^3 + 24^0 + 26^1 = 81 + 90 + 93 + 240 + 261 \\ 765 &:= 7^0 + 9^3 + 17^1 + 17^1 + 26^0 = 70 + 93 + 171 + 171 + 260 & 765 &:= 8^1 + 9^1 + 14^0 + 18^1 + 27^2 = 81 + 91 + 140 + 181 + 272 \\ 765 &:= 7^1 + 10^1 + 14^0 + 18^1 + 27^2 = 71 + 101 + 140 + 181 + 272 & 765 &:= 8^1 + 9^3 + 10^0 + 23^0 + 26^1 = 81 + 93 + 100 + 230 + 261 \\ 765 &:= 7^1 + 11^1 + 14^0 + 17^1 + 27^2 = 71 + 111 + 140 + 171 + 272 & 765 &:= 8^1 + 9^3 + 11^0 + 22^0 + 26^1 = 81 + 93 + 110 + 220 + 261 \\ 765 &:= 7^1 + 12^1 + 14^0 + 16^1 + 27^2 = 71 + 121 + 140 + 161 + 272 & 765 &:= 8^1 + 9^3 + 12^0 + 21^0 + 26^1 = 81 + 93 + 120 + 210 + 261 \\ 765 &:= 7^1 + 13^1 + 14^0 + 15^1 + 27^2 = 71 + 131 + 140 + 151 + 272 & 765 &:= 8^1 + 9^3 + 13^0 + 20^0 + 26^1 = 81 + 93 + 130 + 200 + 261 \\ 765 &:= 7^1 + 14^0 + 14^1 + 14^1 + 27^2 = 71 + 140 + 141 + 141 + 272 & 765 &:= 8^1 + 9^3 + 14^0 + 19^0 + 26^1 = 81 + 93 + 140 + 190 + 261 \end{aligned}$$

$$\begin{aligned} 765 &:= 8^1 + 9^3 + 15^0 + 18^0 + 26^1 = 81 + 93 + 150 + 180 + 261 & 765 &:= 9^3 + 10^0 + 16^1 + 18^1 + 23^0 = 93 + 100 + 161 + 181 + 230 \\ 765 &:= 8^1 + 9^3 + 16^0 + 17^0 + 26^1 = 81 + 93 + 160 + 170 + 261 & 765 &:= 9^3 + 10^0 + 17^1 + 17^1 + 23^0 = 93 + 100 + 171 + 171 + 230 \\ 765 &:= 8^2 + 9^0 + 10^0 + 23^1 + 26^2 = 82 + 90 + 100 + 231 + 262 & 765 &:= 9^3 + 10^1 + 11^0 + 22^0 + 24^1 = 93 + 101 + 110 + 220 + 241 \\ 765 &:= 9^0 + 11^2 + 14^0 + 17^1 + 25^2 = 90 + 112 + 140 + 171 + 252 & 765 &:= 9^3 + 10^1 + 12^0 + 21^0 + 24^1 = 93 + 101 + 120 + 210 + 241 \\ 765 &:= 9^0 + 12^0 + 13^2 + 18^1 + 24^2 = 90 + 120 + 132 + 181 + 242 & 765 &:= 9^3 + 10^1 + 13^0 + 20^0 + 24^1 = 93 + 101 + 130 + 200 + 241 \\ 765 &:= 9^0 + 9^1 + 15^2 + 20^0 + 23^2 = 90 + 91 + 152 + 200 + 232 & 765 &:= 9^3 + 10^1 + 14^0 + 19^0 + 24^1 = 93 + 101 + 140 + 190 + 241 \\ 765 &:= 9^0 + 9^1 + 9^3 + 24^0 + 25^1 = 90 + 91 + 93 + 240 + 251 & 765 &:= 9^3 + 10^1 + 15^0 + 18^0 + 24^1 = 93 + 101 + 150 + 180 + 241 \\ 765 &:= 9^0 + 9^3 + 10^1 + 24^0 + 24^1 = 90 + 93 + 101 + 240 + 241 & 765 &:= 9^3 + 10^1 + 16^0 + 17^0 + 24^1 = 93 + 101 + 160 + 170 + 241 \\ 765 &:= 9^0 + 9^3 + 11^1 + 23^1 + 24^0 = 90 + 93 + 111 + 231 + 240 & 765 &:= 9^3 + 11^0 + 11^1 + 22^0 + 23^1 = 93 + 110 + 111 + 220 + 231 \\ 765 &:= 9^0 + 9^3 + 12^1 + 22^1 + 24^0 = 90 + 93 + 121 + 221 + 240 & 765 &:= 9^3 + 11^0 + 12^1 + 22^0 + 22^1 = 93 + 110 + 121 + 220 + 221 \\ 765 &:= 9^0 + 9^3 + 13^1 + 21^1 + 24^0 = 90 + 93 + 131 + 211 + 240 & 765 &:= 9^3 + 11^0 + 13^1 + 21^1 + 22^0 = 93 + 110 + 131 + 211 + 220 \\ 765 &:= 9^0 + 9^3 + 14^1 + 20^1 + 24^0 = 90 + 93 + 141 + 201 + 240 & 765 &:= 9^3 + 11^0 + 14^1 + 20^1 + 22^0 = 93 + 110 + 141 + 201 + 220 \\ 765 &:= 9^0 + 9^3 + 15^1 + 19^1 + 24^0 = 90 + 93 + 151 + 191 + 240 & 765 &:= 9^3 + 11^0 + 15^1 + 19^1 + 22^0 = 93 + 110 + 151 + 191 + 220 \\ 765 &:= 9^0 + 9^3 + 16^1 + 18^1 + 24^0 = 90 + 93 + 161 + 181 + 240 & 765 &:= 9^3 + 11^0 + 16^1 + 18^1 + 22^0 = 93 + 110 + 161 + 181 + 220 \\ 765 &:= 9^0 + 9^3 + 17^1 + 17^1 + 24^0 = 90 + 93 + 171 + 171 + 240 & 765 &:= 9^3 + 11^0 + 17^1 + 17^1 + 22^0 = 93 + 110 + 171 + 171 + 220 \\ 765 &:= 9^1 + 10^0 + 15^2 + 19^0 + 23^2 = 91 + 100 + 152 + 190 + 232 & 765 &:= 9^3 + 11^1 + 12^0 + 21^0 + 23^1 = 93 + 111 + 120 + 210 + 231 \\ 765 &:= 9^1 + 10^1 + 14^0 + 16^1 + 27^2 = 91 + 101 + 140 + 161 + 272 & 765 &:= 9^3 + 11^1 + 13^0 + 20^0 + 23^1 = 93 + 111 + 130 + 200 + 231 \\ 765 &:= 9^1 + 11^0 + 15^2 + 18^0 + 23^2 = 91 + 110 + 152 + 180 + 232 & 765 &:= 9^3 + 11^1 + 14^0 + 19^0 + 23^1 = 93 + 111 + 140 + 190 + 231 \\ 765 &:= 9^1 + 11^1 + 14^0 + 15^1 + 27^2 = 91 + 111 + 140 + 151 + 272 & 765 &:= 9^3 + 11^1 + 15^0 + 18^0 + 23^1 = 93 + 111 + 150 + 180 + 231 \\ 765 &:= 9^1 + 12^0 + 15^2 + 17^0 + 23^2 = 91 + 120 + 152 + 170 + 232 & 765 &:= 9^3 + 11^1 + 16^0 + 17^0 + 23^1 = 93 + 111 + 160 + 170 + 231 \\ 765 &:= 9^1 + 12^1 + 14^0 + 14^1 + 27^2 = 91 + 121 + 140 + 141 + 272 & 765 &:= 9^3 + 12^0 + 12^1 + 21^0 + 22^1 = 93 + 120 + 121 + 210 + 221 \\ 765 &:= 9^1 + 13^0 + 15^2 + 16^0 + 23^2 = 91 + 130 + 152 + 160 + 232 & 765 &:= 9^3 + 12^0 + 13^1 + 21^0 + 21^1 = 93 + 120 + 131 + 210 + 211 \\ 765 &:= 9^1 + 13^1 + 13^1 + 14^0 + 27^2 = 91 + 131 + 131 + 140 + 272 & 765 &:= 9^3 + 12^0 + 14^1 + 20^1 + 21^0 = 93 + 120 + 141 + 201 + 210 \\ 765 &:= 9^1 + 14^0 + 15^0 + 15^2 + 23^2 = 91 + 140 + 150 + 152 + 232 & 765 &:= 9^3 + 12^0 + 15^1 + 19^1 + 21^0 = 93 + 120 + 151 + 191 + 210 \\ 765 &:= 9^1 + 9^1 + 14^0 + 17^1 + 27^2 = 91 + 91 + 140 + 171 + 272 & 765 &:= 9^3 + 12^0 + 16^1 + 18^1 + 21^0 = 93 + 120 + 161 + 181 + 210 \\ 765 &:= 9^1 + 9^3 + 10^0 + 23^0 + 25^1 = 91 + 93 + 100 + 230 + 251 & 765 &:= 9^3 + 12^0 + 17^1 + 17^1 + 21^0 = 93 + 120 + 171 + 171 + 210 \\ 765 &:= 9^1 + 9^3 + 11^0 + 22^0 + 25^1 = 91 + 93 + 110 + 220 + 251 & 765 &:= 9^3 + 12^1 + 13^0 + 20^0 + 22^1 = 93 + 121 + 130 + 200 + 221 \\ 765 &:= 9^1 + 9^3 + 12^0 + 21^0 + 25^1 = 91 + 93 + 120 + 210 + 251 & 765 &:= 9^3 + 12^1 + 14^0 + 19^0 + 22^1 = 93 + 121 + 140 + 190 + 221 \\ 765 &:= 9^1 + 9^3 + 13^0 + 20^0 + 25^1 = 91 + 93 + 130 + 200 + 251 & 765 &:= 9^3 + 12^1 + 15^0 + 18^0 + 22^1 = 93 + 121 + 150 + 180 + 221 \\ 765 &:= 9^1 + 9^3 + 14^0 + 19^0 + 25^1 = 91 + 93 + 140 + 190 + 251 & 765 &:= 9^3 + 12^1 + 16^0 + 17^0 + 22^1 = 93 + 121 + 160 + 170 + 221 \\ 765 &:= 9^1 + 9^3 + 15^0 + 18^0 + 25^1 = 91 + 93 + 150 + 180 + 251 & 765 &:= 9^3 + 13^0 + 13^1 + 20^0 + 21^1 = 93 + 130 + 131 + 200 + 211 \\ 765 &:= 9^1 + 9^3 + 16^0 + 17^0 + 25^1 = 91 + 93 + 160 + 170 + 251 & 765 &:= 9^3 + 13^0 + 14^1 + 20^0 + 20^1 = 93 + 130 + 141 + 200 + 201 \\ 765 &:= 9^3 + 10^0 + 10^1 + 23^0 + 24^1 = 93 + 100 + 101 + 230 + 241 & 765 &:= 9^3 + 13^0 + 15^1 + 19^1 + 20^0 = 93 + 130 + 151 + 191 + 200 \\ 765 &:= 9^3 + 10^0 + 11^1 + 23^0 + 23^1 = 93 + 100 + 111 + 230 + 231 & 765 &:= 9^3 + 13^0 + 16^1 + 18^1 + 20^0 = 93 + 130 + 161 + 181 + 200 \\ 765 &:= 9^3 + 10^0 + 12^1 + 22^1 + 23^0 = 93 + 100 + 121 + 221 + 230 & 765 &:= 9^3 + 13^0 + 17^1 + 17^1 + 20^0 = 93 + 130 + 171 + 171 + 200 \\ 765 &:= 9^3 + 10^0 + 13^1 + 21^1 + 23^0 = 93 + 100 + 131 + 211 + 230 & 765 &:= 9^3 + 13^1 + 14^0 + 19^0 + 21^1 = 93 + 131 + 140 + 190 + 211 \\ 765 &:= 9^3 + 10^0 + 14^1 + 20^1 + 23^0 = 93 + 100 + 141 + 201 + 230 & 765 &:= 9^3 + 13^1 + 15^0 + 18^0 + 21^1 = 93 + 131 + 150 + 180 + 211 \\ 765 &:= 9^3 + 10^0 + 15^1 + 19^1 + 23^0 = 93 + 100 + 151 + 191 + 230 & 765 &:= 9^3 + 13^1 + 16^0 + 17^0 + 21^1 = 93 + 131 + 160 + 170 + 211 \end{aligned}$$

$$\begin{aligned}
 765 &:= 9^3 + 14^0 + 14^1 + 19^0 + 20^1 = 93 + 140 + 141 + 190 + 201 \\
 765 &:= 9^3 + 14^0 + 15^1 + 19^0 + 19^1 = 93 + 140 + 151 + 190 + 191 \\
 765 &:= 9^3 + 14^0 + 16^1 + 18^1 + 19^0 = 93 + 140 + 161 + 181 + 190 \\
 765 &:= 9^3 + 14^0 + 17^1 + 17^1 + 19^0 = 93 + 140 + 171 + 171 + 190 \\
 765 &:= 9^3 + 14^1 + 15^0 + 18^0 + 20^1 = 93 + 141 + 150 + 180 + 201 \\
 765 &:= 9^3 + 14^1 + 16^0 + 17^0 + 20^1 = 93 + 141 + 160 + 170 + 201 \\
 765 &:= 9^3 + 15^0 + 15^1 + 18^0 + 19^1 = 93 + 150 + 151 + 180 + 191
 \end{aligned}$$

$$\begin{aligned}
 765 &:= 9^3 + 15^0 + 16^1 + 18^0 + 18^1 = 93 + 150 + 161 + 180 + 181 \\
 765 &:= 9^3 + 15^0 + 17^1 + 17^1 + 18^0 = 93 + 150 + 171 + 171 + 180 \\
 765 &:= 9^3 + 15^1 + 16^0 + 17^0 + 19^1 = 93 + 151 + 160 + 170 + 191 \\
 765 &:= 9^3 + 16^0 + 16^1 + 17^0 + 18^1 = 93 + 160 + 161 + 170 + 181 \\
 765 &:= 9^3 + 16^0 + 17^0 + 17^1 + 17^1 = 93 + 160 + 170 + 171 + 171
 \end{aligned}$$

2.2.667 Number 766

$$\begin{aligned}
 766 &:= 1^1 + 10^2 + 25^2 + 40^1 = 11 + 102 + 252 + 401 \\
 766 &:= 1^2 + 9^3 + 31^0 + 35^1 = 12 + 93 + 310 + 351 \\
 766 &:= 1^3 + 13^0 + 27^2 + 35^1 = 13 + 130 + 272 + 351 \\
 766 &:= 1^9 + 3^6 + 35^1 + 36^0 = 19 + 36 + 351 + 360 \\
 766 &:= 10^1 + 10^2 + 25^2 + 31^1 = 101 + 102 + 252 + 311 \\
 766 &:= 10^2 + 11^1 + 25^2 + 30^1 = 102 + 111 + 252 + 301 \\
 766 &:= 10^2 + 12^1 + 25^2 + 29^1 = 102 + 121 + 252 + 291 \\
 766 &:= 10^2 + 13^1 + 25^2 + 28^1 = 102 + 131 + 252 + 281 \\
 766 &:= 10^2 + 14^1 + 25^2 + 27^1 = 102 + 141 + 252 + 271 \\
 766 &:= 10^2 + 15^1 + 25^2 + 26^1 = 102 + 151 + 252 + 261 \\
 766 &:= 10^2 + 16^1 + 25^1 + 25^2 = 102 + 161 + 251 + 252 \\
 766 &:= 10^2 + 17^1 + 24^1 + 25^2 = 102 + 171 + 241 + 252 \\
 766 &:= 10^2 + 18^1 + 23^1 + 25^2 = 102 + 181 + 231 + 252 \\
 766 &:= 10^2 + 19^1 + 22^1 + 25^2 = 102 + 191 + 221 + 252 \\
 766 &:= 10^2 + 20^1 + 21^1 + 25^2 = 102 + 201 + 211 + 252 \\
 766 &:= 13^2 + 14^2 + 20^2 + 29^0 = 132 + 142 + 202 + 290 \\
 766 &:= 2^1 + 10^2 + 25^2 + 39^1 = 21 + 102 + 252 + 391 \\
 766 &:= 2^2 + 19^2 + 20^2 + 35^0 = 22 + 192 + 202 + 350 \\
 766 &:= 2^2 + 9^3 + 32^1 + 33^0 = 22 + 93 + 321 + 330 \\
 766 &:= 2^3 + 19^0 + 27^2 + 28^1 = 23 + 190 + 272 + 281 \\
 766 &:= 3^1 + 10^2 + 25^2 + 38^1 = 31 + 102 + 252 + 381 \\
 766 &:= 3^2 + 9^3 + 27^1 + 37^0 = 32 + 93 + 271 + 370 \\
 766 &:= 3^3 + 9^1 + 27^2 + 37^0 = 33 + 91 + 272 + 370 \\
 766 &:= 4^1 + 10^2 + 25^2 + 37^1 = 41 + 102 + 252 + 371 \\
 766 &:= 4^2 + 9^3 + 20^1 + 43^0 = 42 + 93 + 201 + 430 \\
 766 &:= 4^3 + 21^0 + 25^1 + 26^2 = 43 + 210 + 251 + 262 \\
 766 &:= 5^1 + 10^2 + 25^2 + 36^1 = 51 + 102 + 252 + 361 \\
 766 &:= 5^2 + 16^2 + 22^2 + 33^0 = 52 + 162 + 222 + 330 \\
 766 &:= 5^2 + 8^2 + 26^2 + 37^0 = 52 + 82 + 262 + 370
 \end{aligned}$$

$$\begin{aligned}
 766 &:= 5^2 + 9^3 + 11^1 + 51^0 = 52 + 93 + 111 + 510 \\
 766 &:= 5^3 + 15^1 + 25^2 + 31^0 = 53 + 151 + 252 + 310 \\
 766 &:= 6^1 + 10^2 + 25^2 + 35^1 = 61 + 102 + 252 + 351 \\
 766 &:= 6^3 + 20^1 + 23^2 + 27^0 = 63 + 201 + 232 + 270 \\
 766 &:= 7^1 + 10^2 + 25^2 + 34^1 = 71 + 102 + 252 + 341 \\
 766 &:= 7^3 + 20^2 + 22^1 + 27^0 = 73 + 202 + 221 + 270 \\
 766 &:= 8^1 + 10^2 + 25^2 + 33^1 = 81 + 102 + 252 + 331 \\
 766 &:= 8^3 + 15^2 + 25^0 + 28^1 = 83 + 152 + 250 + 281 \\
 766 &:= 9^1 + 10^2 + 25^2 + 32^1 = 91 + 102 + 252 + 321 \\
 766 &:= 1^0 + 10^2 + 13^1 + 25^2 + 27^1 = 10 + 102 + 131 + 252 + 271 \\
 766 &:= 1^0 + 10^2 + 14^1 + 25^2 + 26^1 = 10 + 102 + 141 + 252 + 261 \\
 766 &:= 1^0 + 10^2 + 15^1 + 25^1 + 25^2 = 10 + 102 + 151 + 251 + 252 \\
 766 &:= 1^0 + 10^2 + 16^1 + 24^1 + 25^2 = 10 + 102 + 161 + 241 + 252 \\
 766 &:= 1^0 + 10^2 + 17^1 + 23^1 + 25^2 = 10 + 102 + 171 + 231 + 252 \\
 766 &:= 1^0 + 10^2 + 18^1 + 22^1 + 25^2 = 10 + 102 + 181 + 221 + 252 \\
 766 &:= 1^0 + 10^2 + 19^1 + 21^1 + 25^2 = 10 + 102 + 191 + 211 + 252 \\
 766 &:= 1^0 + 10^2 + 20^1 + 20^1 + 25^2 = 10 + 102 + 201 + 201 + 252 \\
 766 &:= 1^0 + 2^3 + 19^0 + 27^1 + 27^2 = 10 + 23 + 190 + 271 + 272 \\
 766 &:= 1^0 + 4^3 + 21^0 + 24^1 + 26^2 = 10 + 43 + 210 + 241 + 262 \\
 766 &:= 1^0 + 6^3 + 19^1 + 23^2 + 27^0 = 10 + 63 + 191 + 232 + 270 \\
 766 &:= 1^0 + 7^3 + 20^2 + 21^1 + 27^0 = 10 + 73 + 202 + 211 + 270 \\
 766 &:= 1^0 + 8^3 + 15^2 + 25^0 + 27^1 = 10 + 83 + 152 + 250 + 271 \\
 766 &:= 1^1 + 10^1 + 15^2 + 23^2 + 27^0 = 11 + 101 + 152 + 232 + 270 \\
 766 &:= 1^1 + 11^2 + 18^1 + 21^0 + 25^2 = 11 + 112 + 181 + 210 + 252 \\
 766 &:= 1^1 + 13^0 + 16^2 + 22^2 + 24^1 = 11 + 130 + 162 + 222 + 241 \\
 766 &:= 1^1 + 13^2 + 19^0 + 19^1 + 24^2 = 11 + 132 + 190 + 191 + 242 \\
 766 &:= 1^1 + 3^2 + 19^0 + 26^1 + 27^2 = 11 + 32 + 190 + 261 + 272 \\
 766 &:= 1^1 + 4^2 + 19^1 + 25^0 + 27^2 = 11 + 42 + 191 + 250 + 272 \\
 766 &:= 1^1 + 8^2 + 17^0 + 24^1 + 26^2 = 11 + 82 + 170 + 241 + 262
 \end{aligned}$$

$$\begin{aligned} 766 &:= 1^2 + 10^1 + 13^0 + 25^1 + 27^2 = 12 + 101 + 130 + 251 + 272 & 766 &:= 2^2 + 6^1 + 15^0 + 26^1 + 27^2 = 22 + 61 + 150 + 261 + 272 \\ 766 &:= 1^2 + 11^1 + 13^0 + 24^1 + 27^2 = 12 + 111 + 130 + 241 + 272 & 766 &:= 2^2 + 7^1 + 15^0 + 25^1 + 27^2 = 22 + 71 + 150 + 251 + 272 \\ 766 &:= 1^2 + 12^1 + 13^0 + 23^1 + 27^2 = 12 + 121 + 130 + 231 + 272 & 766 &:= 2^2 + 8^1 + 15^0 + 24^1 + 27^2 = 22 + 81 + 150 + 241 + 272 \\ 766 &:= 1^2 + 13^0 + 13^1 + 22^1 + 27^2 = 12 + 130 + 131 + 221 + 272 & 766 &:= 2^2 + 9^1 + 15^0 + 23^1 + 27^2 = 22 + 91 + 150 + 231 + 272 \\ 766 &:= 1^2 + 13^0 + 14^1 + 21^1 + 27^2 = 12 + 130 + 141 + 211 + 272 & 766 &:= 2^3 + 10^0 + 10^0 + 27^1 + 27^2 = 23 + 100 + 100 + 271 + 272 \\ 766 &:= 1^2 + 13^0 + 15^1 + 20^1 + 27^2 = 12 + 130 + 151 + 201 + 272 & 766 &:= 2^3 + 3^0 + 17^0 + 27^1 + 27^2 = 23 + 30 + 170 + 271 + 272 \\ 766 &:= 1^2 + 13^0 + 16^1 + 19^1 + 27^2 = 12 + 130 + 161 + 191 + 272 & 766 &:= 2^3 + 4^0 + 16^0 + 27^1 + 27^2 = 23 + 40 + 160 + 271 + 272 \\ 766 &:= 1^2 + 13^0 + 17^1 + 18^1 + 27^2 = 12 + 130 + 171 + 181 + 272 & 766 &:= 2^3 + 5^0 + 15^0 + 27^1 + 27^2 = 23 + 50 + 150 + 271 + 272 \\ 766 &:= 1^2 + 8^1 + 13^0 + 27^1 + 27^2 = 12 + 81 + 130 + 271 + 272 & 766 &:= 2^3 + 6^0 + 14^0 + 27^1 + 27^2 = 23 + 60 + 140 + 271 + 272 \\ 766 &:= 1^2 + 9^1 + 13^0 + 26^1 + 27^2 = 12 + 91 + 130 + 261 + 272 & 766 &:= 2^3 + 7^0 + 13^0 + 27^1 + 27^2 = 23 + 70 + 130 + 271 + 272 \\ 766 &:= 1^5 + 2^8 + 22^2 + 24^1 + 26^0 = 15 + 28 + 222 + 241 + 260 & 766 &:= 2^3 + 8^0 + 12^0 + 27^1 + 27^2 = 23 + 80 + 120 + 271 + 272 \\ 766 &:= 1^7 + 2^6 + 22^0 + 24^1 + 26^2 = 17 + 26 + 220 + 241 + 262 & 766 &:= 2^3 + 9^0 + 11^0 + 27^1 + 27^2 = 23 + 90 + 110 + 271 + 272 \\ 766 &:= 1^9 + 2^4 + 19^1 + 26^0 + 27^2 = 19 + 24 + 191 + 260 + 272 & 766 &:= 3^0 + 10^1 + 17^2 + 21^2 + 25^1 = 30 + 101 + 172 + 212 + 251 \\ 766 &:= 1^9 + 4^4 + 22^2 + 24^0 + 24^1 = 19 + 44 + 222 + 240 + 241 & 766 &:= 3^0 + 11^1 + 17^2 + 21^2 + 24^1 = 30 + 111 + 172 + 212 + 241 \\ 766 &:= 10^1 + 10^1 + 13^2 + 19^0 + 24^2 = 101 + 101 + 132 + 190 + 242 & 766 &:= 3^0 + 12^1 + 17^2 + 21^2 + 23^1 = 30 + 121 + 172 + 212 + 231 \\ 766 &:= 10^1 + 13^0 + 15^1 + 16^2 + 22^2 = 101 + 130 + 151 + 162 + 222 & 766 &:= 3^0 + 13^1 + 17^2 + 21^2 + 22^1 = 30 + 131 + 172 + 212 + 221 \\ 766 &:= 11^1 + 13^0 + 14^1 + 16^2 + 22^2 = 111 + 130 + 141 + 162 + 222 & 766 &:= 3^0 + 14^1 + 17^2 + 21^1 + 21^2 = 30 + 141 + 172 + 211 + 212 \\ 766 &:= 12^1 + 13^0 + 13^1 + 16^2 + 22^2 = 121 + 130 + 131 + 162 + 222 & 766 &:= 3^0 + 15^1 + 17^2 + 20^1 + 21^2 = 30 + 151 + 172 + 201 + 212 \\ 766 &:= 2^0 + 2^3 + 18^0 + 27^1 + 27^2 = 20 + 23 + 180 + 271 + 272 & 766 &:= 3^0 + 16^1 + 17^2 + 19^1 + 21^2 = 30 + 161 + 172 + 191 + 212 \\ 766 &:= 2^0 + 4^3 + 20^0 + 24^1 + 26^2 = 20 + 43 + 200 + 241 + 262 & 766 &:= 3^0 + 17^1 + 17^2 + 18^1 + 21^2 = 30 + 171 + 172 + 181 + 212 \\ 766 &:= 2^0 + 6^3 + 19^1 + 23^2 + 26^0 = 20 + 63 + 191 + 232 + 260 & 766 &:= 3^0 + 4^3 + 19^0 + 24^1 + 26^2 = 30 + 43 + 190 + 241 + 262 \\ 766 &:= 2^0 + 7^3 + 20^2 + 21^1 + 26^0 = 20 + 73 + 202 + 211 + 260 & 766 &:= 3^0 + 6^3 + 19^1 + 23^2 + 25^0 = 30 + 63 + 191 + 232 + 250 \\ 766 &:= 2^0 + 8^3 + 15^2 + 24^0 + 27^1 = 20 + 83 + 152 + 240 + 271 & 766 &:= 3^0 + 7^2 + 13^1 + 26^2 + 27^1 = 30 + 72 + 131 + 262 + 271 \\ 766 &:= 2^1 + 11^2 + 17^1 + 21^0 + 25^2 = 21 + 112 + 171 + 210 + 252 & 766 &:= 3^0 + 7^2 + 14^1 + 26^1 + 26^2 = 30 + 72 + 141 + 261 + 262 \\ 766 &:= 2^1 + 13^0 + 16^2 + 22^2 + 23^1 = 21 + 130 + 162 + 222 + 231 & 766 &:= 3^0 + 7^2 + 15^1 + 25^1 + 26^2 = 30 + 72 + 151 + 251 + 262 \\ 766 &:= 2^1 + 13^2 + 18^1 + 19^0 + 24^2 = 21 + 132 + 181 + 190 + 242 & 766 &:= 3^0 + 7^2 + 16^1 + 24^1 + 26^2 = 30 + 72 + 161 + 241 + 262 \\ 766 &:= 2^1 + 3^2 + 19^0 + 25^1 + 27^2 = 21 + 32 + 190 + 251 + 272 & 766 &:= 3^0 + 7^2 + 17^1 + 23^1 + 26^2 = 30 + 72 + 171 + 231 + 262 \\ 766 &:= 2^1 + 4^2 + 18^1 + 25^0 + 27^2 = 21 + 42 + 181 + 250 + 272 & 766 &:= 3^0 + 7^2 + 18^1 + 22^1 + 26^2 = 30 + 72 + 181 + 221 + 262 \\ 766 &:= 2^1 + 8^2 + 17^0 + 23^1 + 26^2 = 21 + 82 + 170 + 231 + 262 & 766 &:= 3^0 + 7^2 + 19^1 + 21^1 + 26^2 = 30 + 72 + 191 + 211 + 262 \\ 766 &:= 2^1 + 9^1 + 15^2 + 23^2 + 27^0 = 21 + 91 + 152 + 232 + 270 & 766 &:= 3^0 + 7^2 + 20^1 + 20^1 + 26^2 = 30 + 72 + 201 + 201 + 262 \\ 766 &:= 2^2 + 10^1 + 15^0 + 22^1 + 27^2 = 22 + 101 + 150 + 221 + 272 & 766 &:= 3^0 + 7^3 + 20^2 + 21^1 + 25^0 = 30 + 73 + 202 + 211 + 250 \\ 766 &:= 2^2 + 11^1 + 15^0 + 21^1 + 27^2 = 22 + 111 + 150 + 211 + 272 & 766 &:= 3^0 + 8^1 + 17^2 + 21^2 + 27^1 = 30 + 81 + 172 + 212 + 271 \\ 766 &:= 2^2 + 12^1 + 15^0 + 20^1 + 27^2 = 22 + 121 + 150 + 201 + 272 & 766 &:= 3^0 + 8^3 + 15^2 + 23^0 + 27^1 = 30 + 83 + 152 + 230 + 271 \\ 766 &:= 2^2 + 13^1 + 15^0 + 19^1 + 27^2 = 22 + 131 + 150 + 191 + 272 & 766 &:= 3^0 + 9^1 + 17^2 + 21^2 + 26^1 = 30 + 91 + 172 + 212 + 261 \\ 766 &:= 2^2 + 14^1 + 15^0 + 18^1 + 27^2 = 22 + 141 + 150 + 181 + 272 & 766 &:= 3^1 + 11^2 + 16^1 + 21^0 + 25^2 = 31 + 112 + 161 + 210 + 252 \\ 766 &:= 2^2 + 15^0 + 15^1 + 17^1 + 27^2 = 22 + 150 + 151 + 171 + 272 & 766 &:= 3^1 + 13^0 + 16^2 + 22^1 + 22^2 = 31 + 130 + 162 + 221 + 222 \\ 766 &:= 2^2 + 15^0 + 16^1 + 16^1 + 27^2 = 22 + 150 + 161 + 161 + 272 & 766 &:= 3^1 + 13^2 + 17^1 + 19^0 + 24^2 = 31 + 132 + 171 + 190 + 242 \\ 766 &:= 2^2 + 5^1 + 15^0 + 27^1 + 27^2 = 22 + 51 + 150 + 271 + 272 & 766 &:= 3^1 + 3^2 + 19^0 + 24^1 + 27^2 = 31 + 32 + 190 + 241 + 272 \end{aligned}$$

$$\begin{aligned} 766 &:= 3^1 + 4^2 + 17^1 + 25^0 + 27^2 = 31 + 42 + 171 + 250 + 272 & 766 &:= 4^1 + 4^2 + 16^1 + 25^0 + 27^2 = 41 + 42 + 161 + 250 + 272 \\ 766 &:= 3^1 + 8^1 + 15^2 + 23^2 + 27^0 = 31 + 81 + 152 + 232 + 270 & 766 &:= 4^1 + 7^1 + 15^2 + 23^2 + 27^0 = 41 + 71 + 152 + 232 + 270 \\ 766 &:= 3^1 + 8^2 + 17^0 + 22^1 + 26^2 = 31 + 82 + 170 + 221 + 262 & 766 &:= 4^1 + 8^2 + 17^0 + 21^1 + 26^2 = 41 + 82 + 170 + 211 + 262 \\ 766 &:= 3^2 + 10^1 + 17^1 + 19^0 + 27^2 = 32 + 101 + 171 + 190 + 272 & 766 &:= 4^2 + 10^1 + 10^1 + 25^0 + 27^2 = 42 + 101 + 101 + 250 + 272 \\ 766 &:= 3^2 + 11^1 + 16^1 + 19^0 + 27^2 = 32 + 111 + 161 + 190 + 272 & 766 &:= 4^2 + 5^1 + 15^1 + 25^0 + 27^2 = 42 + 51 + 151 + 250 + 272 \\ 766 &:= 3^2 + 12^1 + 15^1 + 19^0 + 27^2 = 32 + 121 + 151 + 190 + 272 & 766 &:= 4^2 + 6^1 + 14^1 + 25^0 + 27^2 = 42 + 61 + 141 + 250 + 272 \\ 766 &:= 3^2 + 13^1 + 14^1 + 19^0 + 27^2 = 32 + 131 + 141 + 190 + 272 & 766 &:= 4^2 + 7^1 + 13^1 + 25^0 + 27^2 = 42 + 71 + 131 + 250 + 272 \\ 766 &:= 3^2 + 4^1 + 19^0 + 23^1 + 27^2 = 32 + 41 + 190 + 231 + 272 & 766 &:= 4^2 + 8^1 + 12^1 + 25^0 + 27^2 = 42 + 81 + 121 + 250 + 272 \\ 766 &:= 3^2 + 5^1 + 19^0 + 22^1 + 27^2 = 32 + 51 + 190 + 221 + 272 & 766 &:= 4^2 + 9^1 + 11^1 + 25^0 + 27^2 = 42 + 91 + 111 + 250 + 272 \\ 766 &:= 3^2 + 6^1 + 19^0 + 21^1 + 27^2 = 32 + 61 + 190 + 211 + 272 & 766 &:= 4^2 + 9^3 + 17^0 + 19^1 + 27^0 = 42 + 93 + 170 + 191 + 270 \\ 766 &:= 3^2 + 7^1 + 19^0 + 20^1 + 27^2 = 32 + 71 + 190 + 201 + 272 & 766 &:= 4^2 + 9^3 + 18^0 + 19^1 + 26^0 = 42 + 93 + 180 + 191 + 260 \\ 766 &:= 3^2 + 8^1 + 19^0 + 19^1 + 27^2 = 32 + 81 + 190 + 191 + 272 & 766 &:= 4^2 + 9^3 + 19^0 + 19^1 + 25^0 = 42 + 93 + 190 + 191 + 250 \\ 766 &:= 3^2 + 9^1 + 18^1 + 19^0 + 27^2 = 32 + 91 + 181 + 190 + 272 & 766 &:= 4^2 + 9^3 + 19^1 + 20^0 + 24^0 = 42 + 93 + 191 + 200 + 240 \\ 766 &:= 3^2 + 9^3 + 11^0 + 26^1 + 27^0 = 32 + 93 + 110 + 261 + 270 & 766 &:= 4^2 + 9^3 + 19^1 + 21^0 + 23^0 = 42 + 93 + 191 + 210 + 230 \\ 766 &:= 3^2 + 9^3 + 12^0 + 26^0 + 26^1 = 32 + 93 + 120 + 260 + 261 & 766 &:= 4^2 + 9^3 + 19^1 + 22^0 + 22^0 = 42 + 93 + 191 + 220 + 220 \\ 766 &:= 3^2 + 9^3 + 13^0 + 25^0 + 26^1 = 32 + 93 + 130 + 250 + 261 & 766 &:= 4^3 + 10^0 + 12^0 + 24^1 + 26^2 = 43 + 100 + 120 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 14^0 + 24^0 + 26^1 = 32 + 93 + 140 + 240 + 261 & 766 &:= 4^3 + 11^0 + 11^0 + 24^1 + 26^2 = 43 + 110 + 110 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 15^0 + 23^0 + 26^1 = 32 + 93 + 150 + 230 + 261 & 766 &:= 4^3 + 5^0 + 17^0 + 24^1 + 26^2 = 43 + 50 + 170 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 16^0 + 22^0 + 26^1 = 32 + 93 + 160 + 220 + 261 & 766 &:= 4^3 + 6^0 + 16^0 + 24^1 + 26^2 = 43 + 60 + 160 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 17^0 + 21^0 + 26^1 = 32 + 93 + 170 + 210 + 261 & 766 &:= 4^3 + 7^0 + 15^0 + 24^1 + 26^2 = 43 + 70 + 150 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 18^0 + 20^0 + 26^1 = 32 + 93 + 180 + 200 + 261 & 766 &:= 4^3 + 8^0 + 14^0 + 24^1 + 26^2 = 43 + 80 + 140 + 241 + 262 \\ 766 &:= 3^2 + 9^3 + 19^0 + 19^0 + 26^1 = 32 + 93 + 190 + 190 + 261 & 766 &:= 4^3 + 9^0 + 13^0 + 24^1 + 26^2 = 43 + 90 + 130 + 241 + 262 \\ 766 &:= 3^3 + 8^1 + 11^0 + 27^0 + 27^2 = 33 + 81 + 110 + 270 + 272 & 766 &:= 5^0 + 5^3 + 14^1 + 25^2 + 27^0 = 50 + 53 + 141 + 252 + 270 \\ 766 &:= 3^3 + 8^1 + 12^0 + 26^0 + 27^2 = 33 + 81 + 120 + 260 + 272 & 766 &:= 5^0 + 6^3 + 19^1 + 23^0 + 23^2 = 50 + 63 + 191 + 230 + 232 \\ 766 &:= 3^3 + 8^1 + 13^0 + 25^0 + 27^2 = 33 + 81 + 130 + 250 + 272 & 766 &:= 5^0 + 7^3 + 20^2 + 21^1 + 23^0 = 50 + 73 + 202 + 211 + 230 \\ 766 &:= 3^3 + 8^1 + 14^0 + 24^0 + 27^2 = 33 + 81 + 140 + 240 + 272 & 766 &:= 5^0 + 8^3 + 15^2 + 21^0 + 27^1 = 50 + 83 + 152 + 210 + 271 \\ 766 &:= 3^3 + 8^1 + 15^0 + 23^0 + 27^2 = 33 + 81 + 150 + 230 + 272 & 766 &:= 5^1 + 11^2 + 14^1 + 21^0 + 25^2 = 51 + 112 + 141 + 210 + 252 \\ 766 &:= 3^3 + 8^1 + 16^0 + 22^0 + 27^2 = 33 + 81 + 160 + 220 + 272 & 766 &:= 5^1 + 13^0 + 16^2 + 20^1 + 22^2 = 51 + 130 + 162 + 201 + 222 \\ 766 &:= 3^3 + 8^1 + 17^0 + 21^0 + 27^2 = 33 + 81 + 170 + 210 + 272 & 766 &:= 5^1 + 13^2 + 15^1 + 19^0 + 24^2 = 51 + 132 + 151 + 190 + 242 \\ 766 &:= 3^3 + 8^1 + 18^0 + 20^0 + 27^2 = 33 + 81 + 180 + 200 + 272 & 766 &:= 5^1 + 6^1 + 15^2 + 23^2 + 27^0 = 51 + 61 + 152 + 232 + 270 \\ 766 &:= 3^3 + 8^1 + 19^0 + 19^0 + 27^2 = 33 + 81 + 190 + 190 + 272 & 766 &:= 5^1 + 8^2 + 17^0 + 20^1 + 26^2 = 51 + 82 + 170 + 201 + 262 \\ 766 &:= 4^0 + 4^3 + 18^0 + 24^1 + 26^2 = 40 + 43 + 180 + 241 + 262 & 766 &:= 5^2 + 9^3 + 10^1 + 25^0 + 27^0 = 52 + 93 + 101 + 250 + 270 \\ 766 &:= 4^0 + 6^3 + 19^1 + 23^2 + 24^0 = 40 + 63 + 191 + 232 + 240 & 766 &:= 5^2 + 9^3 + 10^1 + 26^0 + 26^0 = 52 + 93 + 101 + 260 + 260 \\ 766 &:= 4^0 + 7^3 + 20^2 + 21^1 + 24^0 = 40 + 73 + 202 + 211 + 240 & 766 &:= 5^3 + 10^0 + 14^1 + 22^0 + 25^2 = 53 + 100 + 141 + 220 + 252 \\ 766 &:= 4^0 + 8^3 + 15^2 + 22^0 + 27^1 = 40 + 83 + 152 + 220 + 271 & 766 &:= 5^3 + 11^0 + 14^1 + 21^0 + 25^2 = 53 + 110 + 141 + 210 + 252 \\ 766 &:= 4^1 + 11^2 + 15^1 + 21^0 + 25^2 = 41 + 112 + 151 + 210 + 252 & 766 &:= 5^3 + 12^0 + 14^1 + 20^0 + 25^2 = 53 + 120 + 141 + 200 + 252 \\ 766 &:= 4^1 + 13^0 + 16^2 + 21^1 + 22^2 = 41 + 130 + 162 + 211 + 222 & 766 &:= 5^3 + 13^0 + 14^1 + 19^0 + 25^2 = 53 + 130 + 141 + 190 + 252 \\ 766 &:= 4^1 + 13^2 + 16^1 + 19^0 + 24^2 = 41 + 132 + 161 + 190 + 242 & 766 &:= 5^3 + 14^0 + 14^1 + 18^0 + 25^2 = 53 + 140 + 141 + 180 + 252 \end{aligned}$$

$766 := 5^3 + 14^1 + 15^0 + 17^0 + 25^2 = 53 + 141 + 150 + 170 + 252$	$766 := 7^1 + 8^2 + 17^0 + 18^1 + 26^2 = 71 + 82 + 170 + 181 + 262$
$766 := 5^3 + 14^1 + 16^0 + 16^0 + 25^2 = 53 + 141 + 160 + 160 + 252$	$766 := 7^3 + 10^0 + 18^0 + 20^2 + 21^1 = 73 + 100 + 180 + 202 + 211$
$766 := 5^3 + 6^0 + 14^1 + 25^2 + 26^0 = 53 + 60 + 141 + 252 + 260$	$766 := 7^3 + 11^0 + 17^0 + 20^2 + 21^1 = 73 + 110 + 170 + 202 + 211$
$766 := 5^3 + 7^0 + 14^1 + 25^0 + 25^2 = 53 + 70 + 141 + 250 + 252$	$766 := 7^3 + 12^0 + 16^0 + 20^2 + 21^1 = 73 + 120 + 160 + 202 + 211$
$766 := 5^3 + 8^0 + 14^1 + 24^0 + 25^2 = 53 + 80 + 141 + 240 + 252$	$766 := 7^3 + 13^0 + 15^0 + 20^2 + 21^1 = 73 + 130 + 150 + 202 + 211$
$766 := 5^3 + 9^0 + 14^1 + 23^0 + 25^2 = 53 + 90 + 141 + 230 + 252$	$766 := 7^3 + 14^0 + 14^0 + 20^2 + 21^1 = 73 + 140 + 140 + 202 + 211$
$766 := 6^0 + 6^3 + 19^1 + 22^0 + 23^2 = 60 + 63 + 191 + 220 + 232$	$766 := 7^3 + 8^0 + 20^0 + 20^2 + 21^1 = 73 + 80 + 200 + 202 + 211$
$766 := 6^0 + 7^3 + 20^2 + 21^1 + 22^0 = 60 + 73 + 202 + 211 + 220$	$766 := 7^3 + 9^0 + 19^0 + 20^2 + 21^1 = 73 + 90 + 190 + 202 + 211$
$766 := 6^0 + 8^3 + 15^2 + 20^0 + 27^1 = 60 + 83 + 152 + 200 + 271$	$766 := 8^0 + 8^3 + 15^2 + 18^0 + 27^1 = 80 + 83 + 152 + 180 + 271$
$766 := 6^1 + 11^2 + 13^1 + 21^0 + 25^2 = 61 + 112 + 131 + 210 + 252$	$766 := 8^1 + 11^1 + 11^2 + 21^0 + 25^2 = 81 + 111 + 112 + 210 + 252$
$766 := 6^1 + 13^0 + 16^2 + 19^1 + 22^2 = 61 + 130 + 162 + 191 + 222$	$766 := 8^1 + 12^1 + 13^2 + 19^0 + 24^2 = 81 + 121 + 132 + 190 + 242$
$766 := 6^1 + 13^2 + 14^1 + 19^0 + 24^2 = 61 + 132 + 141 + 190 + 242$	$766 := 8^1 + 13^0 + 16^2 + 17^1 + 22^2 = 81 + 130 + 162 + 171 + 222$
$766 := 6^1 + 8^2 + 17^0 + 19^1 + 26^2 = 61 + 82 + 170 + 191 + 262$	$766 := 8^1 + 8^2 + 17^0 + 17^1 + 26^2 = 81 + 82 + 170 + 171 + 262$
$766 := 6^3 + 10^0 + 18^0 + 19^1 + 23^2 = 63 + 100 + 180 + 191 + 232$	$766 := 8^2 + 10^1 + 15^1 + 17^0 + 26^2 = 82 + 101 + 151 + 170 + 262$
$766 := 6^3 + 11^0 + 17^0 + 19^1 + 23^2 = 63 + 110 + 170 + 191 + 232$	$766 := 8^2 + 11^1 + 14^1 + 17^0 + 26^2 = 82 + 111 + 141 + 170 + 262$
$766 := 6^3 + 12^0 + 16^0 + 19^1 + 23^2 = 63 + 120 + 160 + 191 + 232$	$766 := 8^2 + 12^1 + 13^1 + 17^0 + 26^2 = 82 + 121 + 131 + 170 + 262$
$766 := 6^3 + 13^0 + 15^0 + 19^1 + 23^2 = 63 + 130 + 150 + 191 + 232$	$766 := 8^2 + 9^1 + 16^1 + 17^0 + 26^2 = 82 + 91 + 161 + 170 + 262$
$766 := 6^3 + 14^0 + 14^0 + 19^1 + 23^2 = 63 + 140 + 140 + 191 + 232$	$766 := 8^3 + 10^0 + 15^2 + 16^0 + 27^1 = 83 + 100 + 152 + 160 + 271$
$766 := 6^3 + 7^0 + 19^1 + 21^0 + 23^2 = 63 + 70 + 191 + 210 + 232$	$766 := 8^3 + 11^0 + 15^0 + 15^2 + 27^1 = 83 + 110 + 150 + 152 + 271$
$766 := 6^3 + 8^0 + 19^1 + 20^0 + 23^2 = 63 + 80 + 191 + 200 + 232$	$766 := 8^3 + 12^0 + 14^0 + 15^2 + 27^1 = 83 + 120 + 140 + 152 + 271$
$766 := 6^3 + 9^0 + 19^0 + 19^1 + 23^2 = 63 + 90 + 190 + 191 + 232$	$766 := 8^3 + 13^0 + 13^0 + 15^2 + 27^1 = 83 + 130 + 130 + 152 + 271$
$766 := 7^0 + 7^3 + 20^2 + 21^0 + 21^1 = 70 + 73 + 202 + 210 + 211$	$766 := 8^3 + 9^0 + 15^2 + 17^0 + 27^1 = 83 + 90 + 152 + 170 + 271$
$766 := 7^0 + 8^3 + 15^2 + 19^0 + 27^1 = 70 + 83 + 152 + 190 + 271$	$766 := 9^1 + 10^1 + 11^2 + 21^0 + 25^2 = 91 + 101 + 112 + 210 + 252$
$766 := 7^1 + 11^2 + 12^1 + 21^0 + 25^2 = 71 + 112 + 121 + 210 + 252$	$766 := 9^1 + 11^1 + 13^2 + 19^0 + 24^2 = 91 + 111 + 132 + 190 + 242$
$766 := 7^1 + 13^0 + 16^2 + 18^1 + 22^2 = 71 + 130 + 162 + 181 + 222$	$766 := 9^1 + 13^0 + 16^1 + 16^2 + 22^2 = 91 + 130 + 161 + 162 + 222$
$766 := 7^1 + 13^1 + 13^2 + 19^0 + 24^2 = 71 + 131 + 132 + 190 + 242$	

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$767 := 3^6 + 36^0 + 37^1 = 36 + 360 + 371$	$767 := 2^0 + 3^6 + 35^0 + 36^1 = 20 + 36 + 350 + 361$
$767 := 1^0 + 3^6 + 36^0 + 36^1 = 10 + 36 + 360 + 361$	$767 := 2^0 + 5^4 + 9^2 + 60^1 = 20 + 54 + 92 + 601$
$767 := 1^2 + 6^2 + 9^3 + 60^0 = 12 + 62 + 93 + 600$	$767 := 2^3 + 9^3 + 29^1 + 36^0 = 23 + 93 + 291 + 360$
$767 := 1^3 + 18^2 + 21^2 + 36^0 = 13 + 182 + 212 + 360$	$767 := 2^4 + 21^1 + 26^0 + 27^2 = 24 + 211 + 260 + 272$
$767 := 1^3 + 6^2 + 27^2 + 42^0 = 13 + 62 + 272 + 420$	$767 := 2^6 + 2^7 + 8^3 + 63^1 = 26 + 27 + 83 + 631$
$767 := 1^3 + 9^3 + 30^0 + 36^1 = 13 + 93 + 300 + 361$	$767 := 3^0 + 3^6 + 34^0 + 36^1 = 30 + 36 + 340 + 361$
$767 := 1^4 + 12^0 + 27^2 + 36^1 = 14 + 120 + 272 + 361$	$767 := 3^3 + 9^3 + 10^1 + 54^0 = 33 + 93 + 101 + 540$
$767 := 1^5 + 2^9 + 14^2 + 58^1 = 15 + 29 + 142 + 581$	$767 := 3^4 + 9^1 + 26^2 + 38^0 = 34 + 91 + 262 + 380$
$767 := 1^9 + 3^6 + 6^2 + 65^0 = 19 + 36 + 62 + 650$	$767 := 3^6 + 10^0 + 27^0 + 36^1 = 36 + 100 + 270 + 361$

$$\begin{array}{ll}
 767 := 3^6 + 11^0 + 26^0 + 36^1 & = 36 + 110 + 260 + 361 \\
 767 := 3^6 + 12^0 + 25^0 + 36^1 & = 36 + 120 + 250 + 361 \\
 767 := 3^6 + 13^0 + 24^0 + 36^1 & = 36 + 130 + 240 + 361 \\
 767 := 3^6 + 14^0 + 23^0 + 36^1 & = 36 + 140 + 230 + 361 \\
 767 := 3^6 + 15^0 + 22^0 + 36^1 & = 36 + 150 + 220 + 361 \\
 767 := 3^6 + 16^0 + 21^0 + 36^1 & = 36 + 160 + 210 + 361 \\
 767 := 3^6 + 17^0 + 20^0 + 36^1 & = 36 + 170 + 200 + 361 \\
 767 := 3^6 + 18^0 + 19^0 + 36^1 & = 36 + 180 + 190 + 361 \\
 767 := 3^6 + 4^0 + 33^0 + 36^1 & = 36 + 40 + 330 + 361 \\
 767 := 3^6 + 5^0 + 32^0 + 36^1 & = 36 + 50 + 320 + 361 \\
 767 := 3^6 + 6^0 + 31^0 + 36^1 & = 36 + 60 + 310 + 361 \\
 767 := 3^6 + 7^0 + 30^0 + 36^1 & = 36 + 70 + 300 + 361 \\
 767 := 3^6 + 8^0 + 29^0 + 36^1 & = 36 + 80 + 290 + 361 \\
 767 := 3^6 + 9^0 + 28^0 + 36^1 & = 36 + 90 + 280 + 361 \\
 767 := 4^2 + 5^3 + 25^2 + 42^0 & = 42 + 53 + 252 + 420 \\
 767 := 4^4 + 22^2 + 24^0 + 26^1 & = 44 + 222 + 240 + 261 \\
 767 := 5^4 + 10^2 + 20^0 + 41^1 & = 54 + 102 + 200 + 411 \\
 767 := 5^4 + 11^2 + 20^1 + 40^0 & = 54 + 112 + 201 + 400 \\
 767 := 6^3 + 8^3 + 24^0 + 38^1 & = 63 + 83 + 240 + 381 \\
 767 := 1^0 + 2^4 + 20^1 + 26^0 + 27^2 & = 10 + 24 + 201 + 260 + 272 \\
 767 := 1^0 + 4^4 + 22^2 + 24^0 + 25^1 & = 10 + 44 + 222 + 240 + 251 \\
 767 := 1^1 + 4^3 + 20^0 + 25^1 + 26^2 & = 11 + 43 + 200 + 251 + 262 \\
 767 := 1^1 + 6^3 + 20^1 + 23^2 + 26^0 & = 11 + 63 + 201 + 232 + 260 \\
 767 := 1^1 + 7^3 + 20^2 + 22^1 + 26^0 & = 11 + 73 + 202 + 221 + 260 \\
 767 := 1^2 + 11^1 + 15^2 + 23^2 + 26^0 & = 12 + 111 + 152 + 232 + 260 \\
 767 := 1^2 + 11^2 + 19^1 + 20^0 + 25^2 & = 12 + 112 + 191 + 200 + 252 \\
 767 := 1^2 + 12^0 + 16^2 + 22^2 + 25^1 & = 12 + 120 + 162 + 222 + 251 \\
 767 := 1^2 + 13^2 + 18^0 + 20^1 + 24^2 & = 12 + 132 + 180 + 201 + 242 \\
 767 := 1^2 + 3^2 + 18^0 + 27^1 + 27^2 & = 12 + 32 + 180 + 271 + 272 \\
 767 := 1^2 + 4^2 + 20^1 + 24^0 + 27^2 & = 12 + 42 + 201 + 240 + 272 \\
 767 := 1^2 + 8^2 + 16^0 + 25^1 + 26^2 & = 12 + 82 + 160 + 251 + 262 \\
 767 := 1^3 + 10^1 + 12^0 + 26^1 + 27^2 & = 13 + 101 + 120 + 261 + 272 \\
 767 := 1^3 + 11^1 + 12^0 + 25^1 + 27^2 & = 13 + 111 + 120 + 251 + 272 \\
 767 := 1^3 + 12^0 + 12^1 + 24^1 + 27^2 & = 13 + 120 + 121 + 241 + 272 \\
 767 := 1^3 + 12^0 + 13^1 + 23^1 + 27^2 & = 13 + 120 + 131 + 231 + 272 \\
 767 := 1^3 + 12^0 + 14^1 + 22^1 + 27^2 & = 13 + 120 + 141 + 221 + 272 \\
 767 := 1^3 + 12^0 + 15^1 + 21^1 + 27^2 & = 13 + 120 + 151 + 211 + 272 \\
 767 := 1^3 + 12^0 + 16^1 + 20^1 + 27^2 & = 13 + 120 + 161 + 201 + 272 \\
 767 := 1^3 + 12^0 + 17^1 + 19^1 + 27^2 & = 13 + 120 + 171 + 191 + 272 \\
 767 := 1^3 + 12^0 + 18^1 + 18^1 + 27^2 & = 13 + 120 + 181 + 181 + 272 \\
 767 := 1^3 + 9^1 + 12^0 + 27^1 + 27^2 & = 13 + 91 + 120 + 271 + 272 \\
 767 := 1^6 + 2^8 + 22^2 + 25^0 + 25^1 & = 16 + 28 + 222 + 250 + 251 \\
 767 := 1^8 + 2^6 + 21^0 + 25^1 + 26^2 & = 18 + 26 + 210 + 251 + 262 \\
 767 := 10^0 + 11^2 + 15^2 + 20^1 + 20^2 & = 100 + 112 + 152 + 201 + 202 \\
 767 := 10^0 + 13^2 + 17^2 + 17^2 + 19^1 & = 100 + 132 + 172 + 172 + 191 \\
 767 := 10^1 + 10^2 + 16^2 + 20^0 + 20^2 & = 101 + 102 + 162 + 200 + 202 \\
 767 := 10^2 + 11^2 + 16^0 + 16^1 + 23^2 & = 102 + 112 + 160 + 161 + 232 \\
 767 := 10^2 + 12^0 + 18^1 + 18^2 + 18^2 & = 102 + 120 + 181 + 182 + 182 \\
 767 := 10^2 + 13^1 + 13^2 + 18^0 + 22^2 & = 102 + 131 + 132 + 180 + 222 \\
 767 := 10^2 + 14^0 + 16^1 + 17^2 + 19^2 & = 102 + 140 + 161 + 172 + 192 \\
 767 := 11^1 + 13^2 + 15^2 + 18^0 + 19^2 & = 111 + 132 + 152 + 180 + 192 \\
 767 := 11^2 + 12^2 + 14^0 + 17^1 + 22^2 & = 112 + 122 + 140 + 171 + 222 \\
 767 := 12^0 + 13^2 + 16^2 + 17^1 + 18^2 & = 120 + 132 + 162 + 171 + 182 \\
 767 := 12^1 + 12^2 + 13^2 + 18^0 + 21^2 & = 121 + 122 + 132 + 180 + 212 \\
 767 := 13^1 + 14^2 + 14^2 + 16^0 + 19^2 & = 131 + 142 + 142 + 160 + 192 \\
 767 := 2^0 + 15^2 + 15^2 + 17^2 + 27^1 & = 20 + 152 + 152 + 172 + 271 \\
 767 := 2^0 + 2^4 + 20^1 + 25^0 + 27^2 & = 20 + 24 + 201 + 250 + 272 \\
 767 := 2^0 + 4^4 + 22^2 + 23^0 + 25^1 & = 20 + 44 + 222 + 230 + 251 \\
 767 := 2^1 + 2^3 + 18^0 + 27^1 + 27^2 & = 21 + 23 + 180 + 271 + 272 \\
 767 := 2^1 + 4^3 + 20^0 + 24^1 + 26^2 & = 21 + 43 + 200 + 241 + 262 \\
 767 := 2^1 + 6^3 + 19^1 + 23^2 + 26^0 & = 21 + 63 + 191 + 232 + 260 \\
 767 := 2^1 + 7^3 + 20^2 + 21^1 + 26^0 & = 21 + 73 + 202 + 211 + 260 \\
 767 := 2^1 + 8^3 + 15^2 + 24^0 + 27^1 & = 21 + 83 + 152 + 240 + 271 \\
 767 := 2^2 + 11^2 + 16^1 + 22^0 + 25^2 & = 22 + 112 + 161 + 220 + 252 \\
 767 := 2^2 + 13^2 + 17^1 + 20^0 + 24^2 & = 22 + 132 + 171 + 200 + 242 \\
 767 := 2^2 + 14^0 + 16^2 + 22^1 + 22^2 & = 22 + 140 + 162 + 221 + 222 \\
 767 := 2^2 + 3^2 + 20^0 + 24^1 + 27^2 & = 22 + 32 + 200 + 241 + 272 \\
 767 := 2^2 + 4^2 + 17^1 + 26^0 + 27^2 & = 22 + 42 + 171 + 260 + 272 \\
 767 := 2^2 + 8^2 + 18^0 + 22^1 + 26^2 & = 22 + 82 + 180 + 221 + 262 \\
 767 := 2^3 + 10^1 + 18^0 + 19^1 + 27^2 & = 23 + 101 + 180 + 191 + 272 \\
 767 := 2^3 + 11^1 + 18^0 + 18^1 + 27^2 & = 23 + 111 + 180 + 181 + 272 \\
 767 := 2^3 + 12^1 + 17^1 + 18^0 + 27^2 & = 23 + 121 + 171 + 180 + 272 \\
 767 := 2^3 + 13^1 + 16^1 + 18^0 + 27^2 & = 23 + 131 + 161 + 180 + 272 \\
 767 := 2^3 + 14^1 + 15^1 + 18^0 + 27^2 & = 23 + 141 + 151 + 180 + 272 \\
 767 := 2^3 + 3^1 + 18^0 + 26^1 + 27^2 & = 23 + 31 + 180 + 261 + 272 \\
 767 := 2^3 + 4^1 + 18^0 + 25^1 + 27^2 & = 23 + 41 + 180 + 251 + 272
 \end{array}$$

$$\begin{aligned} 767 &:= 2^3 + 5^1 + 18^0 + 24^1 + 27^2 = 23 + 51 + 180 + 241 + 272 & 767 &:= 3^2 + 3^3 + 20^0 + 23^0 + 27^2 = 32 + 33 + 200 + 230 + 272 \\ 767 &:= 2^3 + 6^1 + 18^0 + 23^1 + 27^2 = 23 + 61 + 180 + 231 + 272 & 767 &:= 3^2 + 3^3 + 21^0 + 22^0 + 27^2 = 32 + 33 + 210 + 220 + 272 \\ 767 &:= 2^3 + 7^1 + 18^0 + 22^1 + 27^2 = 23 + 71 + 180 + 221 + 272 & 767 &:= 3^2 + 8^0 + 17^2 + 21^2 + 27^1 = 32 + 80 + 172 + 212 + 271 \\ 767 &:= 2^3 + 8^1 + 18^0 + 21^1 + 27^2 = 23 + 81 + 180 + 211 + 272 & 767 &:= 3^2 + 8^2 + 17^1 + 22^0 + 26^2 = 32 + 82 + 171 + 220 + 262 \\ 767 &:= 2^3 + 9^1 + 18^0 + 20^1 + 27^2 = 23 + 91 + 180 + 201 + 272 & 767 &:= 3^4 + 8^1 + 12^0 + 26^2 + 27^0 = 34 + 81 + 120 + 262 + 270 \\ 767 &:= 2^3 + 9^2 + 12^0 + 26^2 + 27^0 = 23 + 92 + 120 + 262 + 270 & 767 &:= 3^4 + 8^1 + 13^0 + 26^0 + 26^2 = 34 + 81 + 130 + 260 + 262 \\ 767 &:= 2^3 + 9^2 + 13^0 + 26^0 + 26^2 = 23 + 92 + 130 + 260 + 262 & 767 &:= 3^4 + 8^1 + 14^0 + 25^0 + 26^2 = 34 + 81 + 140 + 250 + 262 \\ 767 &:= 2^3 + 9^2 + 14^0 + 25^0 + 26^2 = 23 + 92 + 140 + 250 + 262 & 767 &:= 3^4 + 8^1 + 15^0 + 24^0 + 26^2 = 34 + 81 + 150 + 240 + 262 \\ 767 &:= 2^3 + 9^2 + 15^0 + 24^0 + 26^2 = 23 + 92 + 150 + 240 + 262 & 767 &:= 3^4 + 8^1 + 16^0 + 23^0 + 26^2 = 34 + 81 + 160 + 230 + 262 \\ 767 &:= 2^3 + 9^2 + 16^0 + 23^0 + 26^2 = 23 + 92 + 160 + 230 + 262 & 767 &:= 3^4 + 8^1 + 17^0 + 22^0 + 26^2 = 34 + 81 + 170 + 220 + 262 \\ 767 &:= 2^3 + 9^2 + 17^0 + 22^0 + 26^2 = 23 + 92 + 170 + 220 + 262 & 767 &:= 3^4 + 8^1 + 18^0 + 21^0 + 26^2 = 34 + 81 + 180 + 210 + 262 \\ 767 &:= 2^3 + 9^2 + 18^0 + 21^0 + 26^2 = 23 + 92 + 180 + 210 + 262 & 767 &:= 3^4 + 8^1 + 19^0 + 20^0 + 26^2 = 34 + 81 + 190 + 200 + 262 \\ 767 &:= 2^3 + 9^2 + 19^0 + 20^0 + 26^2 = 23 + 92 + 190 + 200 + 262 & 767 &:= 4^0 + 12^2 + 14^2 + 20^2 + 26^1 = 40 + 122 + 142 + 202 + 261 \\ 767 &:= 2^4 + 10^0 + 17^0 + 20^1 + 27^2 = 24 + 100 + 170 + 201 + 272 & 767 &:= 4^0 + 14^2 + 16^2 + 17^2 + 25^1 = 40 + 142 + 162 + 172 + 251 \\ 767 &:= 2^4 + 11^0 + 16^0 + 20^1 + 27^2 = 24 + 110 + 160 + 201 + 272 & 767 &:= 4^0 + 4^4 + 21^0 + 22^2 + 25^1 = 40 + 44 + 210 + 222 + 251 \\ 767 &:= 2^4 + 12^0 + 15^0 + 20^1 + 27^2 = 24 + 120 + 150 + 201 + 272 & 767 &:= 4^1 + 4^3 + 20^0 + 22^1 + 26^2 = 41 + 43 + 200 + 221 + 262 \\ 767 &:= 2^4 + 13^0 + 14^0 + 20^1 + 27^2 = 24 + 130 + 140 + 201 + 272 & 767 &:= 4^1 + 6^3 + 17^1 + 23^2 + 26^0 = 41 + 63 + 171 + 232 + 260 \\ 767 &:= 2^4 + 3^0 + 20^1 + 24^0 + 27^2 = 24 + 30 + 201 + 240 + 272 & 767 &:= 4^1 + 7^3 + 19^1 + 20^2 + 26^0 = 41 + 73 + 191 + 202 + 260 \\ 767 &:= 2^4 + 4^0 + 20^1 + 23^0 + 27^2 = 24 + 40 + 201 + 230 + 272 & 767 &:= 4^1 + 8^3 + 15^2 + 24^0 + 25^1 = 41 + 83 + 152 + 240 + 251 \\ 767 &:= 2^4 + 5^0 + 20^1 + 22^0 + 27^2 = 24 + 50 + 201 + 220 + 272 & 767 &:= 4^2 + 10^0 + 14^2 + 23^2 + 25^1 = 42 + 100 + 142 + 232 + 251 \\ 767 &:= 2^4 + 6^0 + 20^1 + 21^0 + 27^2 = 24 + 60 + 201 + 210 + 272 & 767 &:= 4^2 + 10^1 + 16^2 + 22^2 + 24^0 = 42 + 101 + 162 + 222 + 240 \\ 767 &:= 2^4 + 7^0 + 20^0 + 20^1 + 27^2 = 24 + 70 + 200 + 201 + 272 & 767 &:= 4^2 + 10^2 + 12^0 + 25^1 + 25^2 = 42 + 102 + 120 + 251 + 252 \\ 767 &:= 2^4 + 8^0 + 19^0 + 20^1 + 27^2 = 24 + 80 + 190 + 201 + 272 & 767 &:= 4^2 + 14^0 + 17^2 + 20^1 + 21^2 = 42 + 140 + 172 + 201 + 212 \\ 767 &:= 2^4 + 9^0 + 18^0 + 20^1 + 27^2 = 24 + 90 + 180 + 201 + 272 & 767 &:= 4^2 + 7^2 + 14^0 + 25^1 + 26^2 = 42 + 72 + 140 + 251 + 262 \\ 767 &:= 2^7 + 2^7 + 22^2 + 23^0 + 26^1 = 27 + 27 + 222 + 230 + 261 & 767 &:= 4^2 + 8^0 + 18^2 + 20^2 + 26^1 = 42 + 80 + 182 + 202 + 261 \\ 767 &:= 3^0 + 4^4 + 22^0 + 22^2 + 25^1 = 30 + 44 + 220 + 222 + 251 & 767 &:= 4^3 + 10^1 + 16^1 + 20^0 + 26^2 = 43 + 101 + 161 + 200 + 262 \\ 767 &:= 3^1 + 4^3 + 20^0 + 23^1 + 26^2 = 31 + 43 + 200 + 231 + 262 & 767 &:= 4^3 + 11^1 + 15^1 + 20^0 + 26^2 = 43 + 111 + 151 + 200 + 262 \\ 767 &:= 3^1 + 6^3 + 18^1 + 23^2 + 26^0 = 31 + 63 + 181 + 232 + 260 & 767 &:= 4^3 + 12^1 + 14^1 + 20^0 + 26^2 = 43 + 121 + 141 + 200 + 262 \\ 767 &:= 3^1 + 7^3 + 20^1 + 20^2 + 26^0 = 31 + 73 + 201 + 202 + 260 & 767 &:= 4^3 + 13^1 + 13^1 + 20^0 + 26^2 = 43 + 131 + 131 + 200 + 262 \\ 767 &:= 3^1 + 8^3 + 15^2 + 24^0 + 26^1 = 31 + 83 + 152 + 240 + 261 & 767 &:= 4^3 + 5^1 + 20^0 + 21^1 + 26^2 = 43 + 51 + 200 + 211 + 262 \\ 767 &:= 3^2 + 11^1 + 11^2 + 25^2 + 26^0 = 32 + 111 + 112 + 252 + 260 & 767 &:= 4^3 + 5^2 + 14^0 + 26^2 + 27^0 = 43 + 52 + 140 + 262 + 270 \\ 767 &:= 3^2 + 12^1 + 13^2 + 24^0 + 24^2 = 32 + 121 + 132 + 240 + 242 & 767 &:= 4^3 + 5^2 + 15^0 + 26^0 + 26^2 = 43 + 52 + 150 + 260 + 262 \\ 767 &:= 3^2 + 16^2 + 17^1 + 18^0 + 22^2 = 32 + 162 + 171 + 180 + 222 & 767 &:= 4^3 + 5^2 + 16^0 + 25^0 + 26^2 = 43 + 52 + 160 + 250 + 262 \\ 767 &:= 3^2 + 3^2 + 19^1 + 24^0 + 27^2 = 32 + 32 + 191 + 240 + 272 & 767 &:= 4^3 + 5^2 + 17^0 + 24^0 + 26^2 = 43 + 52 + 170 + 240 + 262 \\ 767 &:= 3^2 + 3^3 + 16^0 + 27^0 + 27^2 = 32 + 33 + 160 + 270 + 272 & 767 &:= 4^3 + 5^2 + 18^0 + 23^0 + 26^2 = 43 + 52 + 180 + 230 + 262 \\ 767 &:= 3^2 + 3^3 + 17^0 + 26^0 + 27^2 = 32 + 33 + 170 + 260 + 272 & 767 &:= 4^3 + 5^2 + 19^0 + 22^0 + 26^2 = 43 + 52 + 190 + 220 + 262 \\ 767 &:= 3^2 + 3^3 + 18^0 + 25^0 + 27^2 = 32 + 33 + 180 + 250 + 272 & 767 &:= 4^3 + 5^2 + 20^0 + 21^0 + 26^2 = 43 + 52 + 200 + 210 + 262 \\ 767 &:= 3^2 + 3^3 + 19^0 + 24^0 + 27^2 = 32 + 33 + 190 + 240 + 272 & 767 &:= 4^3 + 6^1 + 20^0 + 20^1 + 26^2 = 43 + 61 + 200 + 201 + 262 \end{aligned}$$

$$\begin{aligned} 767 &:= 4^3 + 7^1 + 19^1 + 20^0 + 26^2 = 43 + 71 + 191 + 200 + 262 & 767 &:= 5^4 + 11^2 + 19^1 + 20^0 + 21^0 = 54 + 112 + 191 + 200 + 210 \\ 767 &:= 4^3 + 8^1 + 18^1 + 20^0 + 26^2 = 43 + 81 + 181 + 200 + 262 & 767 &:= 6^1 + 6^2 + 18^2 + 20^2 + 26^0 = 61 + 62 + 182 + 202 + 260 \\ 767 &:= 4^3 + 9^1 + 17^1 + 20^0 + 26^2 = 43 + 91 + 171 + 200 + 262 & 767 &:= 6^1 + 6^3 + 15^1 + 23^2 + 26^0 = 61 + 63 + 151 + 232 + 260 \\ 767 &:= 4^4 + 10^0 + 15^0 + 22^2 + 25^1 = 44 + 100 + 150 + 222 + 251 & 767 &:= 6^1 + 7^3 + 17^1 + 20^2 + 26^0 = 61 + 73 + 171 + 202 + 260 \\ 767 &:= 4^4 + 11^0 + 14^0 + 22^2 + 25^1 = 44 + 110 + 140 + 222 + 251 & 767 &:= 6^1 + 8^3 + 15^2 + 23^1 + 24^0 = 61 + 83 + 152 + 231 + 240 \\ 767 &:= 4^4 + 12^0 + 13^0 + 22^2 + 25^1 = 44 + 120 + 130 + 222 + 251 & 767 &:= 6^2 + 10^1 + 12^2 + 24^0 + 24^2 = 62 + 101 + 122 + 240 + 242 \\ 767 &:= 4^4 + 5^0 + 20^0 + 22^2 + 25^1 = 44 + 50 + 200 + 222 + 251 & 767 &:= 6^2 + 12^0 + 15^2 + 21^1 + 22^2 = 62 + 120 + 152 + 211 + 222 \\ 767 &:= 4^4 + 6^0 + 19^0 + 22^2 + 25^1 = 44 + 60 + 190 + 222 + 251 & 767 &:= 6^2 + 6^2 + 18^1 + 20^0 + 26^2 = 62 + 62 + 181 + 200 + 262 \\ 767 &:= 4^4 + 7^0 + 18^0 + 22^2 + 25^1 = 44 + 70 + 180 + 222 + 251 & 767 &:= 6^2 + 8^1 + 19^2 + 19^2 + 24^0 = 62 + 81 + 192 + 192 + 240 \\ 767 &:= 4^4 + 8^0 + 17^0 + 22^2 + 25^1 = 44 + 80 + 170 + 222 + 251 & 767 &:= 6^2 + 9^2 + 12^0 + 24^1 + 25^2 = 62 + 92 + 120 + 241 + 252 \\ 767 &:= 4^4 + 9^0 + 16^0 + 22^2 + 25^1 = 44 + 90 + 160 + 222 + 251 & 767 &:= 6^3 + 10^0 + 15^2 + 18^2 + 27^0 = 63 + 100 + 152 + 182 + 270 \\ 767 &:= 5^1 + 12^2 + 16^2 + 19^2 + 24^0 = 51 + 122 + 162 + 192 + 240 & 767 &:= 6^3 + 10^1 + 11^1 + 23^2 + 26^0 = 63 + 101 + 111 + 232 + 260 \\ 767 &:= 5^1 + 6^3 + 16^1 + 23^2 + 26^0 = 51 + 63 + 161 + 232 + 260 & 767 &:= 6^3 + 11^0 + 15^2 + 18^2 + 26^0 = 63 + 110 + 152 + 182 + 260 \\ 767 &:= 5^1 + 7^3 + 18^1 + 20^2 + 26^0 = 51 + 73 + 181 + 202 + 260 & 767 &:= 6^3 + 12^0 + 15^2 + 18^2 + 25^0 = 63 + 120 + 152 + 182 + 250 \\ 767 &:= 5^1 + 8^2 + 16^2 + 21^2 + 26^0 = 51 + 82 + 162 + 212 + 260 & 767 &:= 6^3 + 13^0 + 15^2 + 18^2 + 24^0 = 63 + 130 + 152 + 182 + 240 \\ 767 &:= 5^1 + 8^3 + 15^2 + 24^0 + 24^1 = 51 + 83 + 152 + 240 + 241 & 767 &:= 6^3 + 14^0 + 15^2 + 18^2 + 23^0 = 63 + 140 + 152 + 182 + 230 \\ 767 &:= 5^1 + 9^2 + 14^2 + 22^2 + 26^0 = 51 + 92 + 142 + 222 + 260 & 767 &:= 6^3 + 15^0 + 15^2 + 18^2 + 22^0 = 63 + 150 + 152 + 182 + 220 \\ 767 &:= 5^2 + 10^2 + 16^1 + 20^0 + 25^2 = 52 + 102 + 161 + 200 + 252 & 767 &:= 6^3 + 15^2 + 16^0 + 18^2 + 21^0 = 63 + 152 + 160 + 182 + 210 \\ 767 &:= 5^2 + 11^1 + 17^2 + 21^2 + 22^0 = 52 + 111 + 172 + 212 + 220 & 767 &:= 6^3 + 15^2 + 17^0 + 18^2 + 20^0 = 63 + 152 + 170 + 182 + 200 \\ 767 &:= 5^2 + 12^2 + 14^0 + 21^1 + 24^2 = 52 + 122 + 140 + 211 + 242 & 767 &:= 6^3 + 15^2 + 18^0 + 18^2 + 19^0 = 63 + 152 + 180 + 182 + 190 \\ 767 &:= 5^2 + 14^0 + 19^1 + 19^2 + 19^2 = 52 + 140 + 191 + 192 + 192 & 767 &:= 6^3 + 7^1 + 14^1 + 23^2 + 26^0 = 63 + 71 + 141 + 232 + 260 \\ 767 &:= 5^2 + 14^2 + 16^1 + 18^0 + 23^2 = 52 + 142 + 161 + 180 + 232 & 767 &:= 6^3 + 8^1 + 13^1 + 23^2 + 26^0 = 63 + 81 + 131 + 232 + 260 \\ 767 &:= 5^2 + 16^0 + 17^1 + 18^2 + 20^2 = 52 + 160 + 171 + 182 + 202 & 767 &:= 6^3 + 9^1 + 12^1 + 23^2 + 26^0 = 63 + 91 + 121 + 232 + 260 \\ 767 &:= 5^2 + 7^2 + 16^1 + 22^0 + 26^2 = 52 + 72 + 161 + 220 + 262 & 767 &:= 7^1 + 7^3 + 16^1 + 20^2 + 26^0 = 71 + 73 + 161 + 202 + 260 \\ 767 &:= 5^3 + 8^2 + 12^0 + 24^2 + 27^0 = 53 + 82 + 120 + 242 + 270 & 767 &:= 7^1 + 8^3 + 15^2 + 22^1 + 24^0 = 71 + 83 + 152 + 221 + 240 \\ 767 &:= 5^3 + 8^2 + 13^0 + 24^2 + 26^0 = 53 + 82 + 130 + 242 + 260 & 767 &:= 7^2 + 11^2 + 14^0 + 20^1 + 24^2 = 72 + 112 + 140 + 201 + 242 \\ 767 &:= 5^3 + 8^2 + 14^0 + 24^2 + 25^0 = 53 + 82 + 140 + 242 + 250 & 767 &:= 7^2 + 12^0 + 16^2 + 20^1 + 21^2 = 72 + 120 + 162 + 201 + 212 \\ 767 &:= 5^3 + 8^2 + 15^0 + 24^0 + 24^2 = 53 + 82 + 150 + 240 + 242 & 767 &:= 7^2 + 13^2 + 14^0 + 19^1 + 23^2 = 72 + 132 + 140 + 191 + 232 \\ 767 &:= 5^3 + 8^2 + 16^0 + 23^0 + 24^2 = 53 + 82 + 160 + 230 + 242 & 767 &:= 7^2 + 8^1 + 15^2 + 22^2 + 24^0 = 72 + 81 + 152 + 222 + 240 \\ 767 &:= 5^3 + 8^2 + 17^0 + 22^0 + 24^2 = 53 + 82 + 170 + 220 + 242 & 767 &:= 7^2 + 9^2 + 11^1 + 24^0 + 25^2 = 72 + 92 + 111 + 240 + 252 \\ 767 &:= 5^3 + 8^2 + 18^0 + 21^0 + 24^2 = 53 + 82 + 180 + 210 + 242 & 767 &:= 7^3 + 10^1 + 13^1 + 20^2 + 26^0 = 73 + 101 + 131 + 202 + 260 \\ 767 &:= 5^3 + 8^2 + 19^0 + 20^0 + 24^2 = 53 + 82 + 190 + 200 + 242 & 767 &:= 7^3 + 11^1 + 12^1 + 20^2 + 26^0 = 73 + 111 + 121 + 202 + 260 \\ 767 &:= 5^4 + 11^2 + 14^0 + 19^1 + 27^0 = 54 + 112 + 140 + 191 + 270 & 767 &:= 7^3 + 8^1 + 15^1 + 20^2 + 26^0 = 73 + 81 + 151 + 202 + 260 \\ 767 &:= 5^4 + 11^2 + 15^0 + 19^1 + 26^0 = 54 + 112 + 150 + 191 + 260 & 767 &:= 7^3 + 9^1 + 14^1 + 20^2 + 26^0 = 73 + 91 + 141 + 202 + 260 \\ 767 &:= 5^4 + 11^2 + 16^0 + 19^1 + 25^0 = 54 + 112 + 160 + 191 + 250 & 767 &:= 8^0 + 14^2 + 15^2 + 18^2 + 21^1 = 80 + 142 + 152 + 182 + 211 \\ 767 &:= 5^4 + 11^2 + 17^0 + 19^1 + 24^0 = 54 + 112 + 170 + 191 + 240 & 767 &:= 8^0 + 8^2 + 10^2 + 24^2 + 26^1 = 80 + 82 + 102 + 242 + 261 \\ 767 &:= 5^4 + 11^2 + 18^0 + 19^1 + 23^0 = 54 + 112 + 180 + 191 + 230 & 767 &:= 8^1 + 11^2 + 14^2 + 21^2 + 22^0 = 81 + 112 + 142 + 212 + 220 \\ 767 &:= 5^4 + 11^2 + 19^0 + 19^1 + 22^0 = 54 + 112 + 190 + 191 + 220 & 767 &:= 8^1 + 8^3 + 15^2 + 21^1 + 24^0 = 81 + 83 + 152 + 211 + 240 \end{aligned}$$

$$\begin{aligned}
 767 &:= 8^2 + 10^0 + 14^2 + 22^1 + 22^2 = 82 + 100 + 142 + 221 + 222 & 767 &:= 8^3 + 14^1 + 15^1 + 15^2 + 24^0 = 83 + 141 + 151 + 152 + 240 \\
 767 &:= 8^2 + 13^1 + 17^2 + 18^0 + 20^2 = 82 + 131 + 172 + 180 + 202 & 767 &:= 8^3 + 9^1 + 15^2 + 20^1 + 24^0 = 83 + 91 + 152 + 201 + 240 \\
 767 &:= 8^2 + 14^0 + 17^1 + 18^2 + 19^2 = 82 + 140 + 171 + 182 + 192 & 767 &:= 9^1 + 12^2 + 17^2 + 18^2 + 20^0 = 91 + 122 + 172 + 182 + 200 \\
 767 &:= 8^2 + 8^2 + 13^1 + 22^0 + 25^2 = 82 + 82 + 131 + 220 + 252 & 767 &:= 9^1 + 9^2 + 10^2 + 24^0 + 24^2 = 91 + 92 + 102 + 240 + 242 \\
 767 &:= 8^3 + 10^1 + 15^2 + 19^1 + 24^0 = 83 + 101 + 152 + 191 + 240 & 767 &:= 9^2 + 12^0 + 15^2 + 19^1 + 21^2 = 92 + 120 + 152 + 191 + 212 \\
 767 &:= 8^3 + 11^1 + 15^2 + 18^1 + 24^0 = 83 + 111 + 152 + 181 + 240 & 767 &:= 9^2 + 12^1 + 12^2 + 20^0 + 23^2 = 92 + 121 + 122 + 200 + 232 \\
 767 &:= 8^3 + 12^1 + 15^2 + 17^1 + 24^0 = 83 + 121 + 152 + 171 + 240 \\
 767 &:= 8^3 + 13^1 + 15^2 + 16^1 + 24^0 = 83 + 131 + 152 + 161 + 240
 \end{aligned}$$

2.2.669 Number 768

$$\begin{aligned}
 768 &:= 1^1 + 3^6 + 35^0 + 37^1 = 11 + 36 + 350 + 371 & 768 &:= 3^6 + 6^1 + 32^1 + 35^0 = 36 + 61 + 321 + 350 \\
 768 &:= 1^1 + 5^4 + 9^2 + 61^1 = 11 + 54 + 92 + 611 & 768 &:= 3^6 + 7^1 + 31^1 + 35^0 = 36 + 71 + 311 + 350 \\
 768 &:= 1^3 + 17^2 + 21^2 + 37^1 = 13 + 172 + 212 + 371 & 768 &:= 3^6 + 8^1 + 30^1 + 35^0 = 36 + 81 + 301 + 350 \\
 768 &:= 1^3 + 7^2 + 26^2 + 42^1 = 13 + 72 + 262 + 421 & 768 &:= 3^6 + 9^1 + 29^1 + 35^0 = 36 + 91 + 291 + 350 \\
 768 &:= 1^4 + 9^3 + 29^0 + 37^1 = 14 + 93 + 290 + 371 & 768 &:= 4^1 + 5^4 + 9^2 + 58^1 = 41 + 54 + 92 + 581 \\
 768 &:= 1^5 + 11^0 + 27^2 + 37^1 = 15 + 110 + 272 + 371 & 768 &:= 5^1 + 5^4 + 9^2 + 57^1 = 51 + 54 + 92 + 571 \\
 768 &:= 2^1 + 3^6 + 35^0 + 36^1 = 21 + 36 + 350 + 361 & 768 &:= 5^2 + 5^3 + 24^2 + 42^1 = 52 + 53 + 242 + 421 \\
 768 &:= 2^1 + 5^4 + 9^2 + 60^1 = 21 + 54 + 92 + 601 & 768 &:= 5^2 + 6^3 + 22^2 + 43^1 = 52 + 63 + 222 + 431 \\
 768 &:= 2^3 + 18^2 + 20^2 + 36^1 = 23 + 182 + 202 + 361 & 768 &:= 5^3 + 11^2 + 22^2 + 38^1 = 53 + 112 + 222 + 381 \\
 768 &:= 2^4 + 9^3 + 22^1 + 43^0 = 24 + 93 + 221 + 430 & 768 &:= 5^3 + 5^4 + 17^1 + 49^0 = 53 + 54 + 171 + 490 \\
 768 &:= 2^5 + 6^1 + 27^2 + 41^0 = 25 + 61 + 272 + 410 & 768 &:= 5^4 + 6^1 + 9^2 + 56^1 = 54 + 61 + 92 + 561 \\
 768 &:= 3^1 + 3^6 + 35^0 + 35^1 = 31 + 36 + 350 + 351 & 768 &:= 5^4 + 7^1 + 9^2 + 55^1 = 54 + 71 + 92 + 551 \\
 768 &:= 3^1 + 5^4 + 9^2 + 59^1 = 31 + 54 + 92 + 591 & 768 &:= 5^4 + 8^1 + 9^2 + 54^1 = 54 + 81 + 92 + 541 \\
 768 &:= 3^2 + 8^3 + 14^2 + 51^1 = 32 + 83 + 142 + 511 & 768 &:= 5^4 + 9^1 + 9^2 + 53^1 = 54 + 91 + 92 + 531 \\
 768 &:= 3^3 + 4^3 + 26^2 + 43^0 = 33 + 43 + 262 + 430 & 768 &:= 5^4 + 9^2 + 10^1 + 52^1 = 54 + 92 + 101 + 521 \\
 768 &:= 3^5 + 11^0 + 22^2 + 40^1 = 35 + 110 + 222 + 401 & 768 &:= 5^4 + 9^2 + 11^1 + 51^1 = 54 + 92 + 111 + 511 \\
 768 &:= 3^6 + 10^1 + 28^1 + 35^0 = 36 + 101 + 281 + 350 & 768 &:= 5^4 + 9^2 + 12^1 + 50^1 = 54 + 92 + 121 + 501 \\
 768 &:= 3^6 + 11^1 + 27^1 + 35^0 = 36 + 111 + 271 + 350 & 768 &:= 5^4 + 9^2 + 13^1 + 49^1 = 54 + 92 + 131 + 491 \\
 768 &:= 3^6 + 12^1 + 26^1 + 35^0 = 36 + 121 + 261 + 350 & 768 &:= 5^4 + 9^2 + 14^1 + 48^1 = 54 + 92 + 141 + 481 \\
 768 &:= 3^6 + 13^1 + 25^1 + 35^0 = 36 + 131 + 251 + 350 & 768 &:= 5^4 + 9^2 + 15^1 + 47^1 = 54 + 92 + 151 + 471 \\
 768 &:= 3^6 + 14^1 + 24^1 + 35^0 = 36 + 141 + 241 + 350 & 768 &:= 5^4 + 9^2 + 16^1 + 46^1 = 54 + 92 + 161 + 461 \\
 768 &:= 3^6 + 15^1 + 23^1 + 35^0 = 36 + 151 + 231 + 350 & 768 &:= 5^4 + 9^2 + 17^1 + 45^1 = 54 + 92 + 171 + 451 \\
 768 &:= 3^6 + 16^1 + 22^1 + 35^0 = 36 + 161 + 221 + 350 & 768 &:= 5^4 + 9^2 + 18^1 + 44^1 = 54 + 92 + 181 + 441 \\
 768 &:= 3^6 + 17^1 + 21^1 + 35^0 = 36 + 171 + 211 + 350 & 768 &:= 5^4 + 9^2 + 19^1 + 43^1 = 54 + 92 + 191 + 431 \\
 768 &:= 3^6 + 18^1 + 20^1 + 35^0 = 36 + 181 + 201 + 350 & 768 &:= 5^4 + 9^2 + 20^1 + 42^1 = 54 + 92 + 201 + 421 \\
 768 &:= 3^6 + 19^1 + 19^1 + 35^0 = 36 + 191 + 191 + 350 & 768 &:= 5^4 + 9^2 + 21^1 + 41^1 = 54 + 92 + 211 + 411 \\
 768 &:= 3^6 + 4^1 + 34^1 + 35^0 = 36 + 41 + 341 + 350 & 768 &:= 5^4 + 9^2 + 22^1 + 40^1 = 54 + 92 + 221 + 401 \\
 768 &:= 3^6 + 5^1 + 33^1 + 35^0 = 36 + 51 + 331 + 350 & 768 &:= 5^4 + 9^2 + 23^1 + 39^1 = 54 + 92 + 231 + 391
 \end{aligned}$$

$$\begin{array}{lll}
 768 := 5^4 + 9^2 + 24^1 + 38^1 & = 54 + 92 + 241 + 381 & 768 := 1^4 + 10^0 + 18^2 + 21^2 + 26^0 = 14 + 100 + 182 + 212 + 260 \\
 768 := 5^4 + 9^2 + 25^1 + 37^1 & = 54 + 92 + 251 + 371 & 768 := 1^4 + 10^1 + 11^0 + 27^1 + 27^2 = 14 + 101 + 110 + 271 + 272 \\
 768 := 5^4 + 9^2 + 26^1 + 36^1 & = 54 + 92 + 261 + 361 & 768 := 1^4 + 11^0 + 11^1 + 26^1 + 27^2 = 14 + 110 + 111 + 261 + 272 \\
 768 := 5^4 + 9^2 + 27^1 + 35^1 & = 54 + 92 + 271 + 351 & 768 := 1^4 + 11^0 + 12^1 + 25^1 + 27^2 = 14 + 110 + 121 + 251 + 272 \\
 768 := 5^4 + 9^2 + 28^1 + 34^1 & = 54 + 92 + 281 + 341 & 768 := 1^4 + 11^0 + 13^1 + 24^1 + 27^2 = 14 + 110 + 131 + 241 + 272 \\
 768 := 5^4 + 9^2 + 29^1 + 33^1 & = 54 + 92 + 291 + 331 & 768 := 1^4 + 11^0 + 14^1 + 23^1 + 27^2 = 14 + 110 + 141 + 231 + 272 \\
 768 := 5^4 + 9^2 + 30^1 + 32^1 & = 54 + 92 + 301 + 321 & 768 := 1^4 + 11^0 + 15^1 + 22^1 + 27^2 = 14 + 110 + 151 + 221 + 272 \\
 768 := 5^4 + 9^2 + 31^1 + 31^1 & = 54 + 92 + 311 + 311 & 768 := 1^4 + 11^0 + 16^1 + 21^1 + 27^2 = 14 + 110 + 161 + 211 + 272 \\
 768 := 6^3 + 15^2 + 17^2 + 38^1 & = 63 + 152 + 172 + 381 & 768 := 1^4 + 11^0 + 17^1 + 20^1 + 27^2 = 14 + 110 + 171 + 201 + 272 \\
 768 := 7^3 + 7^3 + 9^2 + 53^0 & = 73 + 73 + 92 + 530 & 768 := 1^4 + 11^0 + 18^1 + 19^1 + 27^2 = 14 + 110 + 181 + 191 + 272 \\
 768 := 8^2 + 8^3 + 12^2 + 48^1 & = 82 + 83 + 122 + 481 & 768 := 1^4 + 11^0 + 18^2 + 21^2 + 25^0 = 14 + 110 + 182 + 212 + 250 \\
 768 := 1^1 + 2^4 + 21^1 + 25^0 + 27^2 & = 11 + 24 + 211 + 250 + 272 & 768 := 1^4 + 12^0 + 18^2 + 21^2 + 24^0 = 14 + 120 + 182 + 212 + 240 \\
 768 := 1^1 + 4^4 + 22^2 + 23^0 + 26^1 & = 11 + 44 + 222 + 230 + 261 & 768 := 1^4 + 13^0 + 18^2 + 21^2 + 23^0 = 14 + 130 + 182 + 212 + 230 \\
 768 := 1^2 + 10^1 + 17^2 + 21^2 + 27^1 & = 12 + 101 + 172 + 212 + 271 & 768 := 1^4 + 14^0 + 18^2 + 21^2 + 22^0 = 14 + 140 + 182 + 212 + 220 \\
 768 := 1^2 + 11^1 + 17^2 + 21^2 + 26^1 & = 12 + 111 + 172 + 212 + 261 & 768 := 1^4 + 15^0 + 18^2 + 21^0 + 21^2 = 14 + 150 + 182 + 210 + 212 \\
 768 := 1^2 + 12^1 + 17^2 + 21^2 + 25^1 & = 12 + 121 + 172 + 212 + 251 & 768 := 1^4 + 16^0 + 18^2 + 20^0 + 21^2 = 14 + 160 + 182 + 200 + 212 \\
 768 := 1^2 + 13^1 + 17^2 + 21^2 + 24^1 & = 12 + 131 + 172 + 212 + 241 & 768 := 1^4 + 17^0 + 18^2 + 19^0 + 21^2 = 14 + 170 + 182 + 190 + 212 \\
 768 := 1^2 + 14^1 + 17^2 + 21^2 + 23^1 & = 12 + 141 + 172 + 212 + 231 & 768 := 1^4 + 18^0 + 18^0 + 18^2 + 21^2 = 14 + 180 + 180 + 182 + 212 \\
 768 := 1^2 + 15^1 + 17^2 + 21^2 + 22^1 & = 12 + 151 + 172 + 212 + 221 & 768 := 1^4 + 6^2 + 15^0 + 27^0 + 27^2 = 14 + 62 + 150 + 270 + 272 \\
 768 := 1^2 + 16^1 + 17^2 + 21^1 + 21^2 & = 12 + 161 + 172 + 211 + 212 & 768 := 1^4 + 6^2 + 16^0 + 26^0 + 27^2 = 14 + 62 + 160 + 260 + 272 \\
 768 := 1^2 + 17^1 + 17^2 + 20^1 + 21^2 & = 12 + 171 + 172 + 201 + 212 & 768 := 1^4 + 6^2 + 17^0 + 25^0 + 27^2 = 14 + 62 + 170 + 250 + 272 \\
 768 := 1^2 + 17^2 + 18^1 + 19^1 + 21^2 & = 12 + 172 + 181 + 191 + 212 & 768 := 1^4 + 6^2 + 18^0 + 24^0 + 27^2 = 14 + 62 + 180 + 240 + 272 \\
 768 := 1^2 + 4^3 + 19^0 + 26^1 + 26^2 & = 12 + 43 + 190 + 261 + 262 & 768 := 1^4 + 6^2 + 19^0 + 23^0 + 27^2 = 14 + 62 + 190 + 230 + 272 \\
 768 := 1^2 + 6^3 + 21^1 + 23^2 + 25^0 & = 12 + 63 + 211 + 232 + 250 & 768 := 1^4 + 6^2 + 20^0 + 22^0 + 27^2 = 14 + 62 + 200 + 220 + 272 \\
 768 := 1^2 + 7^2 + 15^1 + 26^2 + 27^1 & = 12 + 72 + 151 + 262 + 271 & 768 := 1^4 + 6^2 + 21^0 + 21^0 + 27^2 = 14 + 62 + 210 + 210 + 272 \\
 768 := 1^2 + 7^2 + 16^1 + 26^1 + 26^2 & = 12 + 72 + 161 + 261 + 262 & 768 := 1^4 + 9^0 + 18^2 + 21^2 + 27^0 = 14 + 90 + 182 + 212 + 270 \\
 768 := 1^2 + 7^2 + 17^1 + 25^1 + 26^2 & = 12 + 72 + 171 + 251 + 262 & 768 := 1^7 + 2^8 + 22^2 + 24^0 + 26^1 = 17 + 28 + 222 + 240 + 261 \\
 768 := 1^2 + 7^2 + 18^1 + 24^1 + 26^2 & = 12 + 72 + 181 + 241 + 262 & 768 := 1^9 + 2^6 + 20^0 + 26^1 + 26^2 = 19 + 26 + 200 + 261 + 262 \\
 768 := 1^2 + 7^2 + 19^1 + 23^1 + 26^2 & = 12 + 72 + 191 + 231 + 262 & 768 := 10^1 + 10^2 + 14^2 + 21^1 + 21^2 = 101 + 102 + 142 + 211 + 212 \\
 768 := 1^2 + 7^2 + 20^1 + 22^1 + 26^2 & = 12 + 72 + 201 + 221 + 262 & 768 := 10^1 + 11^2 + 16^2 + 19^2 + 20^1 = 101 + 112 + 162 + 192 + 201 \\
 768 := 1^2 + 7^2 + 21^1 + 21^1 + 26^2 & = 12 + 72 + 211 + 211 + 262 & 768 := 10^1 + 13^2 + 13^2 + 20^1 + 20^2 = 101 + 132 + 132 + 201 + 202 \\
 768 := 1^2 + 7^3 + 20^2 + 23^1 + 25^0 & = 12 + 73 + 202 + 231 + 250 & 768 := 10^1 + 15^2 + 15^2 + 17^2 + 19^1 = 101 + 152 + 152 + 172 + 191 \\
 768 := 1^3 + 11^0 + 16^2 + 22^2 + 26^1 & = 13 + 110 + 162 + 222 + 261 & 768 := 10^2 + 11^1 + 14^2 + 20^1 + 21^2 = 102 + 111 + 142 + 201 + 212 \\
 768 := 1^3 + 11^2 + 19^0 + 20^1 + 25^2 & = 13 + 112 + 190 + 201 + 252 & 768 := 10^2 + 12^1 + 14^2 + 19^1 + 21^2 = 102 + 121 + 142 + 191 + 212 \\
 768 := 1^3 + 12^1 + 15^2 + 23^2 + 25^0 & = 13 + 121 + 152 + 232 + 250 & 768 := 10^2 + 13^1 + 14^2 + 18^1 + 21^2 = 102 + 131 + 142 + 181 + 212 \\
 768 := 1^3 + 13^2 + 17^0 + 21^1 + 24^2 & = 13 + 132 + 170 + 211 + 242 & 768 := 10^2 + 14^1 + 14^2 + 17^1 + 21^2 = 102 + 141 + 142 + 171 + 212 \\
 768 := 1^3 + 4^2 + 21^1 + 23^0 + 27^2 & = 13 + 42 + 211 + 230 + 272 & 768 := 10^2 + 14^2 + 15^1 + 16^1 + 21^2 = 102 + 142 + 151 + 161 + 212 \\
 768 := 1^3 + 8^2 + 15^0 + 26^1 + 26^2 & = 13 + 82 + 150 + 261 + 262 & 768 := 11^1 + 11^2 + 16^2 + 19^1 + 19^2 = 111 + 112 + 162 + 191 + 192
 \end{array}$$

$$\begin{aligned} 768 &:= 11^1 + 13^2 + 13^2 + 19^1 + 20^2 = 111 + 132 + 132 + 191 + 202 & 768 &:= 2^4 + 4^1 + 18^1 + 25^0 + 27^2 = 24 + 41 + 181 + 250 + 272 \\ 768 &:= 11^1 + 15^2 + 15^2 + 17^2 + 18^1 = 111 + 152 + 152 + 172 + 181 & 768 &:= 2^4 + 5^1 + 17^1 + 25^0 + 27^2 = 24 + 51 + 171 + 250 + 272 \\ 768 &:= 11^2 + 12^1 + 16^2 + 18^1 + 19^2 = 112 + 121 + 162 + 181 + 192 & 768 &:= 2^4 + 6^1 + 16^1 + 25^0 + 27^2 = 24 + 61 + 161 + 250 + 272 \\ 768 &:= 11^2 + 13^1 + 16^2 + 17^1 + 19^2 = 112 + 131 + 162 + 171 + 192 & 768 &:= 2^4 + 7^1 + 15^1 + 25^0 + 27^2 = 24 + 71 + 151 + 250 + 272 \\ 768 &:= 11^2 + 14^1 + 16^1 + 16^2 + 19^2 = 112 + 141 + 161 + 162 + 192 & 768 &:= 2^4 + 8^1 + 14^1 + 25^0 + 27^2 = 24 + 81 + 141 + 250 + 272 \\ 768 &:= 11^2 + 14^2 + 15^2 + 15^2 + 21^0 = 112 + 142 + 152 + 152 + 210 & 768 &:= 2^4 + 9^1 + 13^1 + 25^0 + 27^2 = 24 + 91 + 131 + 250 + 272 \\ 768 &:= 11^2 + 15^1 + 15^1 + 16^2 + 19^2 = 112 + 151 + 151 + 162 + 192 & 768 &:= 2^4 + 9^3 + 17^0 + 21^1 + 27^0 = 24 + 93 + 170 + 211 + 270 \\ 768 &:= 12^1 + 13^2 + 13^2 + 18^1 + 20^2 = 121 + 132 + 132 + 181 + 202 & 768 &:= 2^4 + 9^3 + 18^0 + 21^1 + 26^0 = 24 + 93 + 180 + 211 + 260 \\ 768 &:= 12^1 + 15^2 + 15^2 + 17^1 + 17^2 = 121 + 152 + 152 + 171 + 172 & 768 &:= 2^4 + 9^3 + 19^0 + 21^1 + 25^0 = 24 + 93 + 190 + 211 + 250 \\ 768 &:= 13^1 + 13^2 + 13^2 + 17^1 + 20^2 = 131 + 132 + 132 + 171 + 202 & 768 &:= 2^4 + 9^3 + 20^0 + 21^1 + 24^0 = 24 + 93 + 200 + 211 + 240 \\ 768 &:= 13^1 + 15^2 + 15^2 + 16^1 + 17^2 = 131 + 152 + 152 + 161 + 172 & 768 &:= 2^4 + 9^3 + 21^0 + 21^1 + 23^0 = 24 + 93 + 210 + 211 + 230 \\ 768 &:= 13^2 + 13^2 + 14^1 + 16^1 + 20^2 = 132 + 132 + 141 + 161 + 202 & 768 &:= 2^4 + 9^3 + 21^1 + 22^0 + 22^0 = 24 + 93 + 211 + 220 + 220 \\ 768 &:= 13^2 + 13^2 + 15^1 + 15^1 + 20^2 = 132 + 132 + 151 + 151 + 202 & 768 &:= 2^5 + 5^1 + 15^0 + 27^0 + 27^2 = 25 + 51 + 150 + 270 + 272 \\ 768 &:= 14^1 + 15^1 + 15^2 + 15^2 + 17^2 = 141 + 151 + 152 + 152 + 172 & 768 &:= 2^5 + 5^1 + 16^0 + 26^0 + 27^2 = 25 + 51 + 160 + 260 + 272 \\ 768 &:= 2^1 + 15^2 + 15^2 + 17^2 + 27^1 = 21 + 152 + 152 + 172 + 271 & 768 &:= 2^5 + 5^1 + 17^0 + 25^0 + 27^2 = 25 + 51 + 170 + 250 + 272 \\ 768 &:= 2^1 + 2^4 + 20^1 + 25^0 + 27^2 = 21 + 24 + 201 + 250 + 272 & 768 &:= 2^5 + 5^1 + 18^0 + 24^0 + 27^2 = 25 + 51 + 180 + 240 + 272 \\ 768 &:= 2^1 + 4^4 + 22^2 + 23^0 + 25^1 = 21 + 44 + 222 + 230 + 251 & 768 &:= 2^5 + 5^1 + 19^0 + 23^0 + 27^2 = 25 + 51 + 190 + 230 + 272 \\ 768 &:= 2^2 + 10^2 + 12^1 + 25^2 + 27^1 = 22 + 102 + 121 + 252 + 271 & 768 &:= 2^5 + 5^1 + 20^0 + 22^0 + 27^2 = 25 + 51 + 200 + 220 + 272 \\ 768 &:= 2^2 + 10^2 + 13^1 + 25^2 + 26^1 = 22 + 102 + 131 + 252 + 261 & 768 &:= 2^5 + 5^1 + 21^0 + 21^0 + 27^2 = 25 + 51 + 210 + 210 + 272 \\ 768 &:= 2^2 + 10^2 + 14^1 + 25^1 + 25^2 = 22 + 102 + 141 + 251 + 252 & 768 &:= 3^1 + 11^2 + 16^2 + 19^2 + 27^1 = 31 + 112 + 162 + 192 + 271 \\ 768 &:= 2^2 + 10^2 + 15^1 + 24^1 + 25^2 = 22 + 102 + 151 + 241 + 252 & 768 &:= 3^1 + 13^2 + 13^2 + 20^2 + 27^1 = 31 + 132 + 132 + 202 + 271 \\ 768 &:= 2^2 + 10^2 + 16^1 + 23^1 + 25^2 = 22 + 102 + 161 + 231 + 252 & 768 &:= 3^1 + 15^2 + 15^2 + 17^2 + 26^1 = 31 + 152 + 152 + 172 + 261 \\ 768 &:= 2^2 + 10^2 + 17^1 + 22^1 + 25^2 = 22 + 102 + 171 + 221 + 252 & 768 &:= 3^1 + 4^4 + 22^2 + 23^0 + 24^1 = 31 + 44 + 222 + 230 + 241 \\ 768 &:= 2^2 + 10^2 + 18^1 + 21^1 + 25^2 = 22 + 102 + 181 + 211 + 252 & 768 &:= 3^2 + 10^1 + 18^2 + 20^2 + 25^1 = 32 + 101 + 182 + 202 + 251 \\ 768 &:= 2^2 + 10^2 + 19^1 + 20^1 + 25^2 = 22 + 102 + 191 + 201 + 252 & 768 &:= 3^2 + 11^1 + 18^2 + 20^2 + 24^1 = 32 + 111 + 182 + 202 + 241 \\ 768 &:= 2^2 + 2^3 + 19^0 + 26^1 + 27^2 = 22 + 23 + 190 + 261 + 272 & 768 &:= 3^2 + 11^2 + 14^2 + 21^2 + 27^0 = 32 + 112 + 142 + 212 + 270 \\ 768 &:= 2^2 + 4^3 + 21^0 + 23^1 + 26^2 = 22 + 43 + 210 + 231 + 262 & 768 &:= 3^2 + 12^1 + 18^2 + 20^2 + 23^1 = 32 + 121 + 182 + 202 + 231 \\ 768 &:= 2^2 + 6^3 + 18^1 + 23^2 + 27^0 = 22 + 63 + 181 + 232 + 270 & 768 &:= 3^2 + 13^1 + 18^2 + 20^2 + 22^1 = 32 + 131 + 182 + 202 + 221 \\ 768 &:= 2^2 + 7^3 + 20^1 + 20^2 + 27^0 = 22 + 73 + 201 + 202 + 270 & 768 &:= 3^2 + 14^1 + 18^2 + 20^2 + 21^1 = 32 + 141 + 182 + 202 + 211 \\ 768 &:= 2^2 + 8^3 + 15^2 + 25^0 + 26^1 = 22 + 83 + 152 + 250 + 261 & 768 &:= 3^2 + 15^1 + 18^2 + 20^1 + 20^2 = 32 + 151 + 182 + 201 + 202 \\ 768 &:= 2^3 + 11^2 + 13^1 + 25^0 + 25^2 = 23 + 112 + 131 + 250 + 252 & 768 &:= 3^2 + 16^1 + 18^2 + 19^1 + 20^2 = 32 + 161 + 182 + 191 + 202 \\ 768 &:= 2^3 + 13^2 + 14^1 + 23^0 + 24^2 = 23 + 132 + 141 + 230 + 242 & 768 &:= 3^2 + 17^1 + 18^1 + 18^2 + 20^2 = 32 + 171 + 181 + 182 + 202 \\ 768 &:= 2^3 + 16^2 + 17^0 + 19^1 + 22^2 = 23 + 162 + 170 + 191 + 222 & 768 &:= 3^2 + 3^4 + 17^0 + 26^2 + 27^0 = 32 + 34 + 170 + 262 + 270 \\ 768 &:= 2^3 + 3^2 + 21^1 + 23^0 + 27^2 = 23 + 32 + 211 + 230 + 272 & 768 &:= 3^2 + 3^4 + 18^0 + 26^0 + 26^2 = 32 + 34 + 180 + 260 + 262 \\ 768 &:= 2^3 + 8^2 + 19^1 + 21^0 + 26^2 = 23 + 82 + 191 + 210 + 262 & 768 &:= 3^2 + 3^4 + 19^0 + 25^0 + 26^2 = 32 + 34 + 190 + 250 + 262 \\ 768 &:= 2^4 + 10^1 + 12^1 + 25^0 + 27^2 = 24 + 101 + 121 + 250 + 272 & 768 &:= 3^2 + 3^4 + 20^0 + 24^0 + 26^2 = 32 + 34 + 200 + 240 + 262 \\ 768 &:= 2^4 + 11^1 + 11^1 + 25^0 + 27^2 = 24 + 111 + 111 + 250 + 272 & 768 &:= 3^2 + 3^4 + 21^0 + 23^0 + 26^2 = 32 + 34 + 210 + 230 + 262 \\ 768 &:= 2^4 + 3^1 + 19^1 + 25^0 + 27^2 = 24 + 31 + 191 + 250 + 272 & 768 &:= 3^2 + 3^4 + 22^0 + 22^0 + 26^2 = 32 + 34 + 220 + 220 + 262 \end{aligned}$$

$$\begin{aligned} 768 &:= 3^2 + 4^3 + 18^1 + 25^0 + 26^2 = 32 + 43 + 181 + 250 + 262 & 768 &:= 3^6 + 11^0 + 12^1 + 25^0 + 25^1 = 36 + 110 + 121 + 250 + 251 \\ 768 &:= 3^2 + 8^1 + 18^2 + 20^2 + 27^1 = 32 + 81 + 182 + 202 + 271 & 768 &:= 3^6 + 11^0 + 13^1 + 24^1 + 25^0 = 36 + 110 + 131 + 241 + 250 \\ 768 &:= 3^2 + 9^1 + 18^2 + 20^2 + 26^1 = 32 + 91 + 182 + 202 + 261 & 768 &:= 3^6 + 11^0 + 14^1 + 23^1 + 25^0 = 36 + 110 + 141 + 231 + 250 \\ 768 &:= 3^3 + 10^1 + 17^2 + 21^2 + 25^0 = 33 + 101 + 172 + 212 + 250 & 768 &:= 3^6 + 11^0 + 15^1 + 22^1 + 25^0 = 36 + 110 + 151 + 221 + 250 \\ 768 &:= 3^3 + 10^2 + 15^1 + 23^0 + 25^2 = 33 + 102 + 151 + 230 + 252 & 768 &:= 3^6 + 11^0 + 16^1 + 21^1 + 25^0 = 36 + 110 + 161 + 211 + 250 \\ 768 &:= 3^3 + 12^2 + 17^0 + 20^1 + 24^2 = 33 + 122 + 170 + 201 + 242 & 768 &:= 3^6 + 11^0 + 17^1 + 20^1 + 25^0 = 36 + 110 + 171 + 201 + 250 \\ 768 &:= 3^3 + 14^2 + 15^1 + 21^0 + 23^2 = 33 + 142 + 151 + 210 + 232 & 768 &:= 3^6 + 11^0 + 18^1 + 19^1 + 25^0 = 36 + 110 + 181 + 191 + 250 \\ 768 &:= 3^3 + 16^1 + 18^2 + 19^0 + 20^2 = 33 + 161 + 182 + 190 + 202 & 768 &:= 3^6 + 11^1 + 12^0 + 24^0 + 26^1 = 36 + 111 + 120 + 240 + 261 \\ 768 &:= 3^3 + 17^0 + 18^1 + 19^2 + 19^2 = 33 + 170 + 181 + 192 + 192 & 768 &:= 3^6 + 11^1 + 13^0 + 23^0 + 26^1 = 36 + 111 + 130 + 230 + 261 \\ 768 &:= 3^3 + 7^2 + 15^1 + 25^0 + 26^2 = 33 + 72 + 151 + 250 + 262 & 768 &:= 3^6 + 11^1 + 14^0 + 22^0 + 26^1 = 36 + 111 + 140 + 220 + 261 \\ 768 &:= 3^4 + 10^0 + 18^2 + 19^2 + 26^0 = 34 + 100 + 182 + 192 + 260 & 768 &:= 3^6 + 11^1 + 15^0 + 21^0 + 26^1 = 36 + 111 + 150 + 210 + 261 \\ 768 &:= 3^4 + 11^0 + 18^2 + 19^2 + 25^0 = 34 + 110 + 182 + 192 + 250 & 768 &:= 3^6 + 11^1 + 16^0 + 20^0 + 26^1 = 36 + 111 + 160 + 200 + 261 \\ 768 &:= 3^4 + 12^0 + 18^2 + 19^2 + 24^0 = 34 + 120 + 182 + 192 + 240 & 768 &:= 3^6 + 11^1 + 17^0 + 19^0 + 26^1 = 36 + 111 + 170 + 190 + 261 \\ 768 &:= 3^4 + 13^0 + 18^2 + 19^2 + 23^0 = 34 + 130 + 182 + 192 + 230 & 768 &:= 3^6 + 11^1 + 18^0 + 18^0 + 26^1 = 36 + 111 + 180 + 180 + 261 \\ 768 &:= 3^4 + 14^0 + 18^2 + 19^2 + 22^0 = 34 + 140 + 182 + 192 + 220 & 768 &:= 3^6 + 12^0 + 12^1 + 24^0 + 25^1 = 36 + 120 + 121 + 240 + 251 \\ 768 &:= 3^4 + 15^0 + 18^2 + 19^2 + 21^0 = 34 + 150 + 182 + 192 + 210 & 768 &:= 3^6 + 12^0 + 13^1 + 24^0 + 24^1 = 36 + 120 + 131 + 240 + 241 \\ 768 &:= 3^4 + 16^0 + 18^2 + 19^2 + 20^0 = 34 + 160 + 182 + 192 + 200 & 768 &:= 3^6 + 12^0 + 14^1 + 23^1 + 24^0 = 36 + 120 + 141 + 231 + 240 \\ 768 &:= 3^4 + 17^0 + 18^2 + 19^0 + 19^2 = 34 + 170 + 182 + 190 + 192 & 768 &:= 3^6 + 12^0 + 15^1 + 22^1 + 24^0 = 36 + 120 + 151 + 221 + 240 \\ 768 &:= 3^4 + 18^0 + 18^0 + 18^2 + 19^2 = 34 + 180 + 180 + 182 + 192 & 768 &:= 3^6 + 12^0 + 16^1 + 21^1 + 24^0 = 36 + 120 + 161 + 211 + 240 \\ 768 &:= 3^4 + 9^0 + 18^2 + 19^2 + 27^0 = 34 + 90 + 182 + 192 + 270 & 768 &:= 3^6 + 12^0 + 17^1 + 20^1 + 24^0 = 36 + 120 + 171 + 201 + 240 \\ 768 &:= 3^6 + 10^0 + 10^1 + 26^0 + 27^1 = 36 + 100 + 101 + 260 + 271 & 768 &:= 3^6 + 12^0 + 18^1 + 19^1 + 24^0 = 36 + 120 + 181 + 191 + 240 \\ 768 &:= 3^6 + 10^0 + 11^1 + 26^0 + 26^1 = 36 + 100 + 111 + 260 + 261 & 768 &:= 3^6 + 12^1 + 13^0 + 23^0 + 25^1 = 36 + 121 + 130 + 230 + 251 \\ 768 &:= 3^6 + 10^0 + 12^1 + 25^1 + 26^0 = 36 + 100 + 121 + 251 + 260 & 768 &:= 3^6 + 12^1 + 14^0 + 22^0 + 25^1 = 36 + 121 + 140 + 220 + 251 \\ 768 &:= 3^6 + 10^0 + 13^1 + 24^1 + 26^0 = 36 + 100 + 131 + 241 + 260 & 768 &:= 3^6 + 12^1 + 15^0 + 21^0 + 25^1 = 36 + 121 + 150 + 210 + 251 \\ 768 &:= 3^6 + 10^0 + 14^1 + 23^1 + 26^0 = 36 + 100 + 141 + 231 + 260 & 768 &:= 3^6 + 12^1 + 16^0 + 20^0 + 25^1 = 36 + 121 + 160 + 200 + 251 \\ 768 &:= 3^6 + 10^0 + 15^1 + 22^1 + 26^0 = 36 + 100 + 151 + 221 + 260 & 768 &:= 3^6 + 12^1 + 17^0 + 19^0 + 25^1 = 36 + 121 + 170 + 190 + 251 \\ 768 &:= 3^6 + 10^0 + 16^1 + 21^1 + 26^0 = 36 + 100 + 161 + 211 + 260 & 768 &:= 3^6 + 12^1 + 18^0 + 18^0 + 25^1 = 36 + 121 + 180 + 180 + 251 \\ 768 &:= 3^6 + 10^0 + 17^1 + 20^1 + 26^0 = 36 + 100 + 171 + 201 + 260 & 768 &:= 3^6 + 13^0 + 13^1 + 23^0 + 24^1 = 36 + 130 + 131 + 230 + 241 \\ 768 &:= 3^6 + 10^0 + 18^1 + 19^1 + 26^0 = 36 + 100 + 181 + 191 + 260 & 768 &:= 3^6 + 13^0 + 14^1 + 23^0 + 23^1 = 36 + 130 + 141 + 230 + 231 \\ 768 &:= 3^6 + 10^1 + 11^0 + 25^0 + 27^1 = 36 + 101 + 110 + 250 + 271 & 768 &:= 3^6 + 13^0 + 15^1 + 22^1 + 23^0 = 36 + 130 + 151 + 221 + 230 \\ 768 &:= 3^6 + 10^1 + 12^0 + 24^0 + 27^1 = 36 + 101 + 120 + 240 + 271 & 768 &:= 3^6 + 13^0 + 16^1 + 21^1 + 23^0 = 36 + 130 + 161 + 211 + 230 \\ 768 &:= 3^6 + 10^1 + 13^0 + 23^0 + 27^1 = 36 + 101 + 130 + 230 + 271 & 768 &:= 3^6 + 13^0 + 17^1 + 20^1 + 23^0 = 36 + 130 + 171 + 201 + 230 \\ 768 &:= 3^6 + 10^1 + 14^0 + 22^0 + 27^1 = 36 + 101 + 140 + 220 + 271 & 768 &:= 3^6 + 13^0 + 18^1 + 19^1 + 23^0 = 36 + 130 + 181 + 191 + 230 \\ 768 &:= 3^6 + 10^1 + 15^0 + 21^0 + 27^1 = 36 + 101 + 150 + 210 + 271 & 768 &:= 3^6 + 13^1 + 14^0 + 22^0 + 24^1 = 36 + 131 + 140 + 220 + 241 \\ 768 &:= 3^6 + 10^1 + 16^0 + 20^0 + 27^1 = 36 + 101 + 160 + 200 + 271 & 768 &:= 3^6 + 13^1 + 15^0 + 21^0 + 24^1 = 36 + 131 + 150 + 210 + 241 \\ 768 &:= 3^6 + 10^1 + 17^0 + 19^0 + 27^1 = 36 + 101 + 170 + 190 + 271 & 768 &:= 3^6 + 13^1 + 16^0 + 20^0 + 24^1 = 36 + 131 + 160 + 200 + 241 \\ 768 &:= 3^6 + 10^1 + 18^0 + 18^0 + 27^1 = 36 + 101 + 180 + 180 + 271 & 768 &:= 3^6 + 13^1 + 17^0 + 19^0 + 24^1 = 36 + 131 + 170 + 190 + 241 \\ 768 &:= 3^6 + 11^0 + 11^1 + 25^0 + 26^1 = 36 + 110 + 111 + 250 + 261 & 768 &:= 3^6 + 13^1 + 18^0 + 18^0 + 24^1 = 36 + 131 + 180 + 180 + 241 \end{aligned}$$

$$\begin{aligned}
 768 &:= 3^6 + 14^0 + 14^1 + 22^0 + 23^1 = 36 + 140 + 141 + 220 + 231 & 768 &:= 3^6 + 6^2 + 19^0 + 22^0 + 26^0 = 36 + 62 + 190 + 220 + 260 \\
 768 &:= 3^6 + 14^0 + 15^1 + 22^0 + 22^1 = 36 + 140 + 151 + 220 + 221 & 768 &:= 3^6 + 6^2 + 19^0 + 23^0 + 25^0 = 36 + 62 + 190 + 230 + 250 \\
 768 &:= 3^6 + 14^0 + 16^1 + 21^1 + 22^0 = 36 + 140 + 161 + 211 + 220 & 768 &:= 3^6 + 6^2 + 19^0 + 24^0 + 24^0 = 36 + 62 + 190 + 240 + 240 \\
 768 &:= 3^6 + 14^0 + 17^1 + 20^1 + 22^0 = 36 + 140 + 171 + 201 + 220 & 768 &:= 3^6 + 6^2 + 20^0 + 20^0 + 27^0 = 36 + 62 + 200 + 200 + 270 \\
 768 &:= 3^6 + 14^0 + 18^1 + 19^1 + 22^0 = 36 + 140 + 181 + 191 + 220 & 768 &:= 3^6 + 6^2 + 20^0 + 21^0 + 26^0 = 36 + 62 + 200 + 210 + 260 \\
 768 &:= 3^6 + 14^1 + 15^0 + 21^0 + 23^1 = 36 + 141 + 150 + 210 + 231 & 768 &:= 3^6 + 6^2 + 20^0 + 22^0 + 25^0 = 36 + 62 + 200 + 220 + 250 \\
 768 &:= 3^6 + 14^1 + 16^0 + 20^0 + 23^1 = 36 + 141 + 160 + 200 + 231 & 768 &:= 3^6 + 6^2 + 20^0 + 23^0 + 24^0 = 36 + 62 + 200 + 230 + 240 \\
 768 &:= 3^6 + 14^1 + 17^0 + 19^0 + 23^1 = 36 + 141 + 170 + 190 + 231 & 768 &:= 3^6 + 6^2 + 21^0 + 21^0 + 25^0 = 36 + 62 + 210 + 210 + 250 \\
 768 &:= 3^6 + 14^1 + 18^0 + 18^0 + 23^1 = 36 + 141 + 180 + 180 + 231 & 768 &:= 3^6 + 6^2 + 21^0 + 22^0 + 24^0 = 36 + 62 + 210 + 220 + 240 \\
 768 &:= 3^6 + 15^0 + 15^1 + 21^0 + 22^1 = 36 + 150 + 151 + 210 + 221 & 768 &:= 3^6 + 6^2 + 21^0 + 23^0 + 23^0 = 36 + 62 + 210 + 230 + 230 \\
 768 &:= 3^6 + 15^0 + 16^1 + 21^0 + 21^1 = 36 + 150 + 161 + 210 + 211 & 768 &:= 3^6 + 6^2 + 22^0 + 22^0 + 23^0 = 36 + 62 + 220 + 220 + 230 \\
 768 &:= 3^6 + 15^0 + 17^1 + 20^1 + 21^0 = 36 + 150 + 171 + 201 + 210 & 768 &:= 3^6 + 9^0 + 10^1 + 27^0 + 27^1 = 36 + 90 + 101 + 270 + 271 \\
 768 &:= 3^6 + 15^0 + 18^1 + 19^1 + 21^0 = 36 + 150 + 181 + 191 + 210 & 768 &:= 3^6 + 9^0 + 11^1 + 26^1 + 27^0 = 36 + 90 + 111 + 261 + 270 \\
 768 &:= 3^6 + 15^1 + 16^0 + 20^0 + 22^1 = 36 + 151 + 160 + 200 + 221 & 768 &:= 3^6 + 9^0 + 12^1 + 25^1 + 27^0 = 36 + 90 + 121 + 251 + 270 \\
 768 &:= 3^6 + 15^1 + 17^0 + 19^0 + 22^1 = 36 + 151 + 170 + 190 + 221 & 768 &:= 3^6 + 9^0 + 13^1 + 24^1 + 27^0 = 36 + 90 + 131 + 241 + 270 \\
 768 &:= 3^6 + 15^1 + 18^0 + 18^0 + 22^1 = 36 + 151 + 180 + 180 + 221 & 768 &:= 3^6 + 9^0 + 14^1 + 23^1 + 27^0 = 36 + 90 + 141 + 231 + 270 \\
 768 &:= 3^6 + 16^0 + 16^1 + 20^0 + 21^1 = 36 + 160 + 161 + 200 + 211 & 768 &:= 3^6 + 9^0 + 15^1 + 22^1 + 27^0 = 36 + 90 + 151 + 221 + 270 \\
 768 &:= 3^6 + 16^0 + 17^1 + 20^0 + 20^1 = 36 + 160 + 171 + 200 + 201 & 768 &:= 3^6 + 9^0 + 16^1 + 21^1 + 27^0 = 36 + 90 + 161 + 211 + 270 \\
 768 &:= 3^6 + 16^0 + 18^1 + 19^1 + 20^0 = 36 + 160 + 181 + 191 + 200 & 768 &:= 3^6 + 9^0 + 17^1 + 20^1 + 27^0 = 36 + 90 + 171 + 201 + 270 \\
 768 &:= 3^6 + 16^1 + 17^0 + 19^0 + 21^1 = 36 + 161 + 170 + 190 + 211 & 768 &:= 3^6 + 9^0 + 18^1 + 19^1 + 27^0 = 36 + 90 + 181 + 191 + 270 \\
 768 &:= 3^6 + 16^1 + 18^0 + 18^0 + 21^1 = 36 + 161 + 180 + 180 + 211 & 768 &:= 4^1 + 10^2 + 14^2 + 21^2 + 27^1 = 41 + 102 + 142 + 212 + 271 \\
 768 &:= 3^6 + 17^0 + 17^1 + 19^0 + 20^1 = 36 + 170 + 171 + 190 + 201 & 768 &:= 4^1 + 11^2 + 16^2 + 19^2 + 26^1 = 41 + 112 + 162 + 192 + 261 \\
 768 &:= 3^6 + 17^0 + 18^1 + 19^0 + 19^1 = 36 + 170 + 181 + 190 + 191 & 768 &:= 4^1 + 13^2 + 13^2 + 20^2 + 26^1 = 41 + 132 + 132 + 202 + 261 \\
 768 &:= 3^6 + 17^1 + 18^0 + 18^0 + 20^1 = 36 + 171 + 180 + 180 + 201 & 768 &:= 4^1 + 15^2 + 15^2 + 17^2 + 25^1 = 41 + 152 + 152 + 172 + 251 \\
 768 &:= 3^6 + 18^0 + 18^0 + 18^1 + 19^1 = 36 + 180 + 180 + 181 + 191 & 768 &:= 4^1 + 4^4 + 22^2 + 23^0 + 23^1 = 41 + 44 + 222 + 230 + 231 \\
 768 &:= 3^6 + 6^2 + 13^0 + 27^0 + 27^0 = 36 + 62 + 130 + 270 + 270 & 768 &:= 4^1 + 9^2 + 16^2 + 20^2 + 27^1 = 41 + 92 + 162 + 202 + 271 \\
 768 &:= 3^6 + 6^2 + 14^0 + 26^0 + 27^0 = 36 + 62 + 140 + 260 + 270 & 768 &:= 4^2 + 6^2 + 13^1 + 26^2 + 27^1 = 42 + 62 + 131 + 262 + 271 \\
 768 &:= 3^6 + 6^2 + 15^0 + 25^0 + 27^0 = 36 + 62 + 150 + 250 + 270 & 768 &:= 4^2 + 6^2 + 14^1 + 26^1 + 26^2 = 42 + 62 + 141 + 261 + 262 \\
 768 &:= 3^6 + 6^2 + 15^0 + 26^0 + 26^0 = 36 + 62 + 150 + 260 + 260 & 768 &:= 4^2 + 6^2 + 15^1 + 25^1 + 26^2 = 42 + 62 + 151 + 251 + 262 \\
 768 &:= 3^6 + 6^2 + 16^0 + 24^0 + 27^0 = 36 + 62 + 160 + 240 + 270 & 768 &:= 4^2 + 6^2 + 16^1 + 24^1 + 26^2 = 42 + 62 + 161 + 241 + 262 \\
 768 &:= 3^6 + 6^2 + 16^0 + 25^0 + 26^0 = 36 + 62 + 160 + 250 + 260 & 768 &:= 4^2 + 6^2 + 17^1 + 23^1 + 26^2 = 42 + 62 + 171 + 231 + 262 \\
 768 &:= 3^6 + 6^2 + 17^0 + 23^0 + 27^0 = 36 + 62 + 170 + 230 + 270 & 768 &:= 4^2 + 6^2 + 18^1 + 22^1 + 26^2 = 42 + 62 + 181 + 221 + 262 \\
 768 &:= 3^6 + 6^2 + 17^0 + 24^0 + 26^0 = 36 + 62 + 170 + 240 + 260 & 768 &:= 4^2 + 6^2 + 19^1 + 21^1 + 26^2 = 42 + 62 + 191 + 211 + 262 \\
 768 &:= 3^6 + 6^2 + 17^0 + 25^0 + 25^0 = 36 + 62 + 170 + 250 + 250 & 768 &:= 4^2 + 6^2 + 20^1 + 20^1 + 26^2 = 42 + 62 + 201 + 201 + 262 \\
 768 &:= 3^6 + 6^2 + 18^0 + 22^0 + 27^0 = 36 + 62 + 180 + 220 + 270 & 768 &:= 4^3 + 10^2 + 11^0 + 24^2 + 27^1 = 43 + 102 + 110 + 242 + 271 \\
 768 &:= 3^6 + 6^2 + 18^0 + 23^0 + 26^0 = 36 + 62 + 180 + 230 + 260 & 768 &:= 4^3 + 13^0 + 14^2 + 22^2 + 23^1 = 43 + 130 + 142 + 222 + 231 \\
 768 &:= 3^6 + 6^2 + 18^0 + 24^0 + 25^0 = 36 + 62 + 180 + 240 + 250 & 768 &:= 4^3 + 14^1 + 17^2 + 20^2 + 21^0 = 43 + 141 + 172 + 202 + 210 \\
 768 &:= 3^6 + 6^2 + 19^0 + 21^0 + 27^0 = 36 + 62 + 190 + 210 + 270 & 768 &:= 4^3 + 17^0 + 18^1 + 18^2 + 19^2 = 43 + 170 + 181 + 182 + 192
 \end{aligned}$$

$$\begin{aligned} 768 &:= 4^3 + 8^2 + 14^1 + 25^0 + 25^2 = 43 + 82 + 141 + 250 + 252 & 768 &:= 5^3 + 15^2 + 17^1 + 19^0 + 20^2 = 53 + 152 + 171 + 190 + 202 \\ 768 &:= 4^4 + 10^1 + 17^1 + 22^2 + 23^0 = 44 + 101 + 171 + 222 + 230 & 768 &:= 5^3 + 5^4 + 16^1 + 23^0 + 27^0 = 53 + 54 + 161 + 230 + 270 \\ 768 &:= 4^4 + 11^1 + 16^1 + 22^2 + 23^0 = 44 + 111 + 161 + 222 + 230 & 768 &:= 5^3 + 5^4 + 16^1 + 24^0 + 26^0 = 53 + 54 + 161 + 240 + 260 \\ 768 &:= 4^4 + 12^1 + 15^1 + 22^2 + 23^0 = 44 + 121 + 151 + 222 + 230 & 768 &:= 5^3 + 5^4 + 16^1 + 25^0 + 25^0 = 53 + 54 + 161 + 250 + 250 \\ 768 &:= 4^4 + 13^1 + 14^1 + 22^2 + 23^0 = 44 + 131 + 141 + 222 + 230 & 768 &:= 5^3 + 7^2 + 17^1 + 23^0 + 24^2 = 53 + 72 + 171 + 230 + 242 \\ 768 &:= 4^4 + 5^1 + 22^1 + 22^2 + 23^0 = 44 + 51 + 221 + 222 + 230 & 768 &:= 5^4 + 10^2 + 15^1 + 19^0 + 27^1 = 54 + 102 + 151 + 190 + 271 \\ 768 &:= 4^4 + 6^1 + 21^1 + 22^2 + 23^0 = 44 + 61 + 211 + 222 + 230 & 768 &:= 5^4 + 10^2 + 16^1 + 19^0 + 26^1 = 54 + 102 + 161 + 190 + 261 \\ 768 &:= 4^4 + 7^1 + 20^1 + 22^2 + 23^0 = 44 + 71 + 201 + 222 + 230 & 768 &:= 5^4 + 10^2 + 17^1 + 19^0 + 25^1 = 54 + 102 + 171 + 190 + 251 \\ 768 &:= 4^4 + 8^1 + 19^1 + 22^2 + 23^0 = 44 + 81 + 191 + 222 + 230 & 768 &:= 5^4 + 10^2 + 18^1 + 19^0 + 24^1 = 54 + 102 + 181 + 190 + 241 \\ 768 &:= 4^4 + 9^1 + 18^1 + 22^2 + 23^0 = 44 + 91 + 181 + 222 + 230 & 768 &:= 5^4 + 10^2 + 19^0 + 19^1 + 23^1 = 54 + 102 + 190 + 191 + 231 \\ 768 &:= 5^1 + 10^2 + 14^2 + 21^2 + 26^1 = 51 + 102 + 142 + 212 + 261 & 768 &:= 5^4 + 10^2 + 19^0 + 20^1 + 22^1 = 54 + 102 + 190 + 201 + 221 \\ 768 &:= 5^1 + 11^2 + 16^2 + 19^2 + 25^1 = 51 + 112 + 162 + 192 + 251 & 768 &:= 5^4 + 10^2 + 19^0 + 21^1 + 21^1 = 54 + 102 + 190 + 211 + 211 \\ 768 &:= 5^1 + 13^2 + 13^2 + 20^2 + 25^1 = 51 + 132 + 132 + 202 + 251 & 768 &:= 6^1 + 10^2 + 14^2 + 21^2 + 25^1 = 61 + 102 + 142 + 212 + 251 \\ 768 &:= 5^1 + 15^2 + 15^2 + 17^2 + 24^1 = 51 + 152 + 152 + 172 + 241 & 768 &:= 6^1 + 11^2 + 16^2 + 19^2 + 24^1 = 61 + 112 + 162 + 192 + 241 \\ 768 &:= 5^1 + 9^2 + 16^2 + 20^2 + 26^1 = 51 + 92 + 162 + 202 + 261 & 768 &:= 6^1 + 13^2 + 13^2 + 20^2 + 24^1 = 61 + 132 + 132 + 202 + 241 \\ 768 &:= 5^2 + 10^1 + 15^2 + 22^2 + 24^1 = 52 + 101 + 152 + 222 + 241 & 768 &:= 6^1 + 15^2 + 15^2 + 17^2 + 23^1 = 61 + 152 + 152 + 172 + 231 \\ 768 &:= 5^2 + 11^1 + 15^2 + 22^2 + 23^1 = 52 + 111 + 152 + 222 + 231 & 768 &:= 6^1 + 9^2 + 16^2 + 20^2 + 25^1 = 61 + 92 + 162 + 202 + 251 \\ 768 &:= 5^2 + 12^1 + 15^2 + 22^1 + 22^2 = 52 + 121 + 152 + 221 + 222 & 768 &:= 6^2 + 10^1 + 11^2 + 24^2 + 25^1 = 62 + 101 + 112 + 242 + 251 \\ 768 &:= 5^2 + 13^1 + 15^2 + 21^1 + 22^2 = 52 + 131 + 152 + 211 + 222 & 768 &:= 6^2 + 10^1 + 13^2 + 23^2 + 24^1 = 62 + 101 + 132 + 232 + 241 \\ 768 &:= 5^2 + 14^1 + 15^2 + 20^1 + 22^2 = 52 + 141 + 152 + 201 + 222 & 768 &:= 6^2 + 11^1 + 11^2 + 24^1 + 24^2 = 62 + 111 + 112 + 241 + 242 \\ 768 &:= 5^2 + 15^1 + 15^2 + 19^1 + 22^2 = 52 + 151 + 152 + 191 + 222 & 768 &:= 6^2 + 11^1 + 13^2 + 23^1 + 23^2 = 62 + 111 + 132 + 231 + 232 \\ 768 &:= 5^2 + 15^2 + 16^1 + 18^1 + 22^2 = 52 + 152 + 161 + 181 + 222 & 768 &:= 6^2 + 11^2 + 12^1 + 23^1 + 24^2 = 62 + 112 + 121 + 231 + 242 \\ 768 &:= 5^2 + 15^2 + 17^1 + 17^1 + 22^2 = 52 + 152 + 171 + 171 + 222 & 768 &:= 6^2 + 11^2 + 13^1 + 22^1 + 24^2 = 62 + 112 + 131 + 221 + 242 \\ 768 &:= 5^2 + 7^1 + 15^2 + 22^2 + 27^1 = 52 + 71 + 152 + 222 + 271 & 768 &:= 6^2 + 11^2 + 13^2 + 21^2 + 25^0 = 62 + 112 + 132 + 212 + 250 \\ 768 &:= 5^2 + 8^1 + 15^2 + 22^2 + 26^1 = 52 + 81 + 152 + 222 + 261 & 768 &:= 6^2 + 11^2 + 14^1 + 21^1 + 24^2 = 62 + 112 + 141 + 211 + 242 \\ 768 &:= 5^2 + 9^1 + 15^2 + 22^2 + 25^1 = 52 + 91 + 152 + 222 + 251 & 768 &:= 6^2 + 11^2 + 15^1 + 20^1 + 24^2 = 62 + 112 + 151 + 201 + 242 \\ 768 &:= 5^2 + 9^2 + 10^1 + 25^2 + 27^1 = 52 + 92 + 101 + 252 + 271 & 768 &:= 6^2 + 11^2 + 16^1 + 19^1 + 24^2 = 62 + 112 + 161 + 191 + 242 \\ 768 &:= 5^2 + 9^2 + 11^1 + 25^2 + 26^1 = 52 + 92 + 111 + 252 + 261 & 768 &:= 6^2 + 11^2 + 17^1 + 18^1 + 24^2 = 62 + 112 + 171 + 181 + 242 \\ 768 &:= 5^2 + 9^2 + 12^1 + 25^1 + 25^2 = 52 + 92 + 121 + 251 + 252 & 768 &:= 6^2 + 12^1 + 13^2 + 22^1 + 23^2 = 62 + 121 + 132 + 221 + 232 \\ 768 &:= 5^2 + 9^2 + 13^1 + 24^1 + 25^2 = 52 + 92 + 131 + 241 + 252 & 768 &:= 6^2 + 13^1 + 13^2 + 21^1 + 23^2 = 62 + 131 + 132 + 211 + 232 \\ 768 &:= 5^2 + 9^2 + 14^1 + 23^1 + 25^2 = 52 + 92 + 141 + 231 + 252 & 768 &:= 6^2 + 13^2 + 14^1 + 20^1 + 23^2 = 62 + 132 + 141 + 201 + 232 \\ 768 &:= 5^2 + 9^2 + 15^1 + 22^1 + 25^2 = 52 + 92 + 151 + 221 + 252 & 768 &:= 6^2 + 13^2 + 15^1 + 19^1 + 23^2 = 62 + 132 + 151 + 191 + 232 \\ 768 &:= 5^2 + 9^2 + 16^1 + 21^1 + 25^2 = 52 + 92 + 161 + 211 + 252 & 768 &:= 6^2 + 13^2 + 16^1 + 18^1 + 23^2 = 62 + 132 + 161 + 181 + 232 \\ 768 &:= 5^2 + 9^2 + 17^1 + 20^1 + 25^2 = 52 + 92 + 171 + 201 + 252 & 768 &:= 6^2 + 13^2 + 17^1 + 17^1 + 23^2 = 62 + 132 + 171 + 171 + 232 \\ 768 &:= 5^2 + 9^2 + 18^1 + 19^1 + 25^2 = 52 + 92 + 181 + 191 + 252 & 768 &:= 6^2 + 7^1 + 13^2 + 23^2 + 27^1 = 62 + 71 + 132 + 232 + 271 \\ 768 &:= 5^3 + 10^2 + 13^1 + 23^2 + 25^0 = 53 + 102 + 131 + 232 + 250 & 768 &:= 6^2 + 7^3 + 17^0 + 19^2 + 27^1 = 62 + 73 + 170 + 192 + 271 \\ 768 &:= 5^3 + 11^0 + 16^2 + 19^2 + 25^1 = 53 + 110 + 162 + 192 + 251 & 768 &:= 6^2 + 8^1 + 11^2 + 24^2 + 27^1 = 62 + 81 + 112 + 242 + 271 \\ 768 &:= 5^3 + 12^2 + 14^1 + 22^2 + 23^0 = 53 + 122 + 141 + 222 + 230 & 768 &:= 6^2 + 8^1 + 13^2 + 23^2 + 26^1 = 62 + 81 + 132 + 232 + 261 \end{aligned}$$

$$\begin{aligned}
 768 &:= 6^2 + 8^3 + 14^2 + 23^1 + 25^0 = 62 + 83 + 142 + 231 + 250 & 768 &:= 7^3 + 12^2 + 16^2 + 17^0 + 24^1 = 73 + 122 + 162 + 170 + 241 \\
 768 &:= 6^2 + 9^1 + 11^2 + 24^2 + 26^1 = 62 + 91 + 112 + 242 + 261 & 768 &:= 7^3 + 9^2 + 18^2 + 19^1 + 23^0 = 73 + 92 + 182 + 191 + 230 \\
 768 &:= 6^2 + 9^1 + 13^2 + 23^2 + 25^1 = 62 + 91 + 132 + 232 + 251 & 768 &:= 8^1 + 10^2 + 14^2 + 21^2 + 23^1 = 81 + 102 + 142 + 212 + 231 \\
 768 &:= 6^2 + 9^2 + 11^2 + 23^2 + 27^0 = 62 + 92 + 112 + 232 + 270 & 768 &:= 8^1 + 11^2 + 16^2 + 19^2 + 22^1 = 81 + 112 + 162 + 192 + 221 \\
 768 &:= 6^2 + 9^2 + 17^2 + 19^2 + 25^0 = 62 + 92 + 172 + 192 + 250 & 768 &:= 8^1 + 13^2 + 13^2 + 20^2 + 22^1 = 81 + 132 + 132 + 202 + 221 \\
 768 &:= 6^3 + 13^2 + 17^0 + 19^2 + 21^1 = 63 + 132 + 170 + 192 + 211 & 768 &:= 8^1 + 15^2 + 15^2 + 17^2 + 21^1 = 81 + 152 + 152 + 172 + 211 \\
 768 &:= 6^3 + 7^2 + 18^1 + 22^2 + 23^0 = 63 + 72 + 181 + 222 + 230 & 768 &:= 8^1 + 9^2 + 16^2 + 20^2 + 23^1 = 81 + 92 + 162 + 202 + 231 \\
 768 &:= 6^3 + 8^3 + 12^1 + 23^0 + 27^1 = 63 + 83 + 121 + 230 + 271 & 768 &:= 8^2 + 8^3 + 13^2 + 22^1 + 25^0 = 82 + 83 + 132 + 221 + 250 \\
 768 &:= 6^3 + 8^3 + 13^1 + 23^0 + 26^1 = 63 + 83 + 131 + 230 + 261 & 768 &:= 9^1 + 10^2 + 14^2 + 21^2 + 22^1 = 91 + 102 + 142 + 212 + 221 \\
 768 &:= 6^3 + 8^3 + 14^1 + 23^0 + 25^1 = 63 + 83 + 141 + 230 + 251 & 768 &:= 9^1 + 11^2 + 16^2 + 19^2 + 21^1 = 91 + 112 + 162 + 192 + 211 \\
 768 &:= 6^3 + 8^3 + 15^1 + 23^0 + 24^1 = 63 + 83 + 151 + 230 + 241 & 768 &:= 9^1 + 13^2 + 13^2 + 20^2 + 21^1 = 91 + 132 + 132 + 202 + 211 \\
 768 &:= 6^3 + 8^3 + 16^1 + 23^0 + 23^1 = 63 + 83 + 161 + 230 + 231 & 768 &:= 9^1 + 15^2 + 15^2 + 17^2 + 20^1 = 91 + 152 + 152 + 172 + 201 \\
 768 &:= 6^3 + 8^3 + 17^1 + 22^1 + 23^0 = 63 + 83 + 171 + 221 + 230 & 768 &:= 9^1 + 9^2 + 16^2 + 20^2 + 22^1 = 91 + 92 + 162 + 202 + 221 \\
 768 &:= 6^3 + 8^3 + 18^1 + 21^1 + 23^0 = 63 + 83 + 181 + 211 + 230 & 768 &:= 9^2 + 10^1 + 16^2 + 20^2 + 21^1 = 92 + 101 + 162 + 202 + 211 \\
 768 &:= 6^3 + 8^3 + 19^1 + 20^1 + 23^0 = 63 + 83 + 191 + 201 + 230 & 768 &:= 9^2 + 10^2 + 15^2 + 19^2 + 23^0 = 92 + 102 + 152 + 192 + 230 \\
 768 &:= 7^1 + 10^2 + 14^2 + 21^2 + 24^1 = 71 + 102 + 142 + 212 + 241 & 768 &:= 9^2 + 11^1 + 16^2 + 20^1 + 20^2 = 92 + 111 + 162 + 201 + 202 \\
 768 &:= 7^1 + 11^2 + 16^2 + 19^2 + 23^1 = 71 + 112 + 162 + 192 + 231 & 768 &:= 9^2 + 12^1 + 16^2 + 19^1 + 20^2 = 92 + 121 + 162 + 191 + 202 \\
 768 &:= 7^1 + 13^2 + 13^2 + 20^2 + 23^1 = 71 + 132 + 132 + 202 + 231 & 768 &:= 9^2 + 13^1 + 16^2 + 18^1 + 20^2 = 92 + 131 + 162 + 181 + 202 \\
 768 &:= 7^1 + 15^2 + 15^2 + 17^2 + 22^1 = 71 + 152 + 152 + 172 + 221 & 768 &:= 9^2 + 14^1 + 16^2 + 17^1 + 20^2 = 92 + 141 + 162 + 171 + 202 \\
 768 &:= 7^1 + 9^2 + 16^2 + 20^2 + 24^1 = 71 + 92 + 162 + 202 + 241 & 768 &:= 9^2 + 15^1 + 16^1 + 16^2 + 20^2 = 92 + 151 + 161 + 162 + 202 \\
 768 &:= 7^2 + 13^2 + 15^2 + 18^2 + 23^0 = 72 + 132 + 152 + 182 + 230 & 768 &:= 9^2 + 9^2 + 11^2 + 22^2 + 25^0 = 92 + 92 + 112 + 222 + 250 \\
 768 &:= 7^2 + 9^2 + 14^2 + 21^2 + 25^0 = 72 + 92 + 142 + 212 + 250 \\
 768 &:= 7^3 + 11^2 + 14^1 + 17^2 + 27^0 = 73 + 112 + 141 + 172 + 270
 \end{aligned}$$

2.2.670 Number 769

$$\begin{aligned}
 769 &:= 1^2 + 3^6 + 34^0 + 38^1 = 12 + 36 + 340 + 381 & 769 &:= 1^0 + 2^6 + 20^0 + 26^2 + 27^1 = 10 + 26 + 200 + 262 + 271 \\
 769 &:= 1^5 + 9^3 + 28^0 + 38^1 = 15 + 93 + 280 + 381 & 769 &:= 1^2 + 2^4 + 22^1 + 24^0 + 27^2 = 12 + 24 + 221 + 240 + 272 \\
 769 &:= 1^6 + 10^0 + 27^2 + 38^1 = 16 + 100 + 272 + 381 & 769 &:= 1^2 + 4^4 + 22^0 + 22^2 + 27^1 = 12 + 44 + 220 + 222 + 271 \\
 769 &:= 2^2 + 3^6 + 35^1 + 36^0 = 22 + 36 + 351 + 360 & 769 &:= 1^3 + 4^3 + 18^0 + 26^2 + 27^1 = 13 + 43 + 180 + 262 + 271 \\
 769 &:= 2^5 + 7^1 + 9^3 + 58^0 = 25 + 71 + 93 + 580 & 769 &:= 1^3 + 6^3 + 22^1 + 23^2 + 24^0 = 13 + 63 + 221 + 232 + 240 \\
 769 &:= 2^6 + 20^0 + 26^2 + 28^1 = 26 + 200 + 262 + 281 & 769 &:= 1^3 + 7^3 + 20^2 + 24^0 + 24^1 = 13 + 73 + 202 + 240 + 241 \\
 769 &:= 3^1 + 3^6 + 6^2 + 64^0 = 31 + 36 + 62 + 640 & 769 &:= 1^4 + 10^0 + 16^2 + 22^2 + 27^1 = 14 + 100 + 162 + 222 + 271 \\
 769 &:= 3^2 + 3^6 + 30^1 + 40^0 = 32 + 36 + 301 + 400 & 769 &:= 1^4 + 11^2 + 18^0 + 21^1 + 25^2 = 14 + 112 + 180 + 211 + 252 \\
 769 &:= 3^4 + 5^4 + 6^0 + 62^1 = 34 + 54 + 60 + 621 & 769 &:= 1^4 + 13^1 + 15^2 + 23^2 + 24^0 = 14 + 131 + 152 + 232 + 240 \\
 769 &:= 3^5 + 8^3 + 13^1 + 52^0 = 35 + 83 + 131 + 520 & 769 &:= 1^4 + 13^2 + 16^0 + 22^1 + 24^2 = 14 + 132 + 160 + 221 + 242 \\
 769 &:= 3^6 + 4^2 + 23^1 + 46^0 = 36 + 42 + 231 + 460 & 769 &:= 1^4 + 4^2 + 22^0 + 22^1 + 27^2 = 14 + 42 + 220 + 221 + 272 \\
 769 &:= 3^6 + 5^2 + 14^1 + 54^0 = 36 + 52 + 141 + 540 & 769 &:= 1^4 + 8^2 + 14^0 + 26^2 + 27^1 = 14 + 82 + 140 + 262 + 271 \\
 769 &:= 4^4 + 7^3 + 13^2 + 52^0 = 44 + 73 + 132 + 520 & 769 &:= 1^5 + 10^0 + 11^1 + 27^1 + 27^2 = 15 + 100 + 111 + 271 + 272
 \end{aligned}$$

$$\begin{aligned}
 769 &:= 1^5 + 10^0 + 12^1 + 26^1 + 27^2 = 15 + 100 + 121 + 261 + 272 \\
 769 &:= 1^5 + 10^0 + 13^1 + 25^1 + 27^2 = 15 + 100 + 131 + 251 + 272 \\
 769 &:= 1^5 + 10^0 + 14^1 + 24^1 + 27^2 = 15 + 100 + 141 + 241 + 272 \\
 769 &:= 1^5 + 10^0 + 15^1 + 23^1 + 27^2 = 15 + 100 + 151 + 231 + 272 \\
 769 &:= 1^5 + 10^0 + 16^1 + 22^1 + 27^2 = 15 + 100 + 161 + 221 + 272 \\
 769 &:= 1^5 + 10^0 + 17^1 + 21^1 + 27^2 = 15 + 100 + 171 + 211 + 272 \\
 769 &:= 1^5 + 10^0 + 18^1 + 20^1 + 27^2 = 15 + 100 + 181 + 201 + 272 \\
 769 &:= 1^5 + 10^0 + 19^1 + 19^1 + 27^2 = 15 + 100 + 191 + 191 + 272 \\
 769 &:= 1^8 + 2^8 + 22^2 + 23^0 + 27^1 = 18 + 28 + 222 + 230 + 271 \\
 769 &:= 2^0 + 2^6 + 19^0 + 26^2 + 27^1 = 20 + 26 + 190 + 262 + 271 \\
 769 &:= 2^2 + 2^4 + 19^1 + 26^0 + 27^2 = 22 + 24 + 191 + 260 + 272 \\
 769 &:= 2^2 + 4^4 + 22^2 + 24^0 + 24^1 = 22 + 44 + 222 + 240 + 241 \\
 769 &:= 2^3 + 2^3 + 22^0 + 23^1 + 27^2 = 23 + 23 + 220 + 231 + 272 \\
 769 &:= 2^3 + 4^3 + 20^1 + 24^0 + 26^2 = 23 + 43 + 201 + 240 + 262 \\
 769 &:= 2^4 + 10^0 + 14^2 + 23^2 + 27^1 = 24 + 100 + 142 + 232 + 271 \\
 769 &:= 2^4 + 10^2 + 12^0 + 25^2 + 27^1 = 24 + 102 + 120 + 252 + 271 \\
 769 &:= 2^4 + 12^1 + 16^2 + 22^2 + 24^0 = 24 + 121 + 162 + 222 + 240 \\
 769 &:= 2^4 + 14^0 + 17^2 + 21^2 + 22^1 = 24 + 140 + 172 + 212 + 221 \\
 769 &:= 2^4 + 7^2 + 14^0 + 26^2 + 27^1 = 24 + 72 + 140 + 262 + 271 \\
 769 &:= 2^6 + 10^0 + 11^0 + 26^2 + 27^1 = 26 + 100 + 110 + 262 + 271 \\
 769 &:= 2^6 + 3^0 + 18^0 + 26^2 + 27^1 = 26 + 30 + 180 + 262 + 271 \\
 769 &:= 2^6 + 4^0 + 17^0 + 26^2 + 27^1 = 26 + 40 + 170 + 262 + 271 \\
 769 &:= 2^6 + 5^0 + 16^0 + 26^2 + 27^1 = 26 + 50 + 160 + 262 + 271 \\
 769 &:= 2^6 + 6^0 + 15^0 + 26^2 + 27^1 = 26 + 60 + 150 + 262 + 271 \\
 769 &:= 2^6 + 7^0 + 14^0 + 26^2 + 27^1 = 26 + 70 + 140 + 262 + 271 \\
 769 &:= 2^6 + 8^0 + 13^0 + 26^2 + 27^1 = 26 + 80 + 130 + 262 + 271
 \end{aligned}$$

$$\begin{aligned}
 769 &:= 2^6 + 9^0 + 12^0 + 26^2 + 27^1 = 26 + 90 + 120 + 262 + 271 \\
 769 &:= 3^3 + 14^2 + 16^2 + 17^2 + 26^0 = 33 + 142 + 162 + 172 + 260 \\
 769 &:= 3^3 + 4^4 + 20^0 + 22^2 + 27^0 = 33 + 44 + 200 + 222 + 270 \\
 769 &:= 3^3 + 4^4 + 21^0 + 22^2 + 26^0 = 33 + 44 + 210 + 222 + 260 \\
 769 &:= 3^3 + 4^4 + 22^0 + 22^2 + 25^0 = 33 + 44 + 220 + 222 + 250 \\
 769 &:= 3^3 + 4^4 + 22^2 + 23^0 + 24^0 = 33 + 44 + 222 + 230 + 240 \\
 769 &:= 3^4 + 12^2 + 14^1 + 23^2 + 24^0 = 34 + 122 + 141 + 232 + 240 \\
 769 &:= 3^4 + 15^2 + 16^0 + 21^1 + 21^2 = 34 + 152 + 160 + 211 + 212 \\
 769 &:= 3^4 + 6^2 + 16^0 + 25^2 + 26^1 = 34 + 62 + 160 + 252 + 261 \\
 769 &:= 3^5 + 10^0 + 14^1 + 22^2 + 27^1 = 35 + 100 + 141 + 222 + 271 \\
 769 &:= 3^5 + 10^0 + 15^1 + 22^2 + 26^1 = 35 + 100 + 151 + 222 + 261 \\
 769 &:= 3^5 + 10^0 + 16^1 + 22^2 + 25^1 = 35 + 100 + 161 + 222 + 251 \\
 769 &:= 3^5 + 10^0 + 17^1 + 22^2 + 24^1 = 35 + 100 + 171 + 222 + 241 \\
 769 &:= 3^5 + 10^0 + 18^1 + 22^2 + 23^1 = 35 + 100 + 181 + 222 + 231 \\
 769 &:= 3^5 + 10^0 + 19^1 + 22^1 + 22^2 = 35 + 100 + 191 + 221 + 222 \\
 769 &:= 3^5 + 10^0 + 20^1 + 21^1 + 22^2 = 35 + 100 + 201 + 211 + 222 \\
 769 &:= 3^5 + 8^3 + 12^1 + 26^0 + 27^0 = 35 + 83 + 121 + 260 + 270 \\
 769 &:= 3^6 + 4^2 + 20^0 + 22^1 + 27^0 = 36 + 42 + 200 + 221 + 270 \\
 769 &:= 3^6 + 4^2 + 21^0 + 22^1 + 26^0 = 36 + 42 + 210 + 221 + 260 \\
 769 &:= 3^6 + 4^2 + 22^0 + 22^1 + 25^0 = 36 + 42 + 220 + 221 + 250 \\
 769 &:= 3^6 + 4^2 + 22^1 + 23^0 + 24^0 = 36 + 42 + 221 + 230 + 240 \\
 769 &:= 4^4 + 13^2 + 18^2 + 19^1 + 22^0 = 44 + 132 + 182 + 191 + 220 \\
 769 &:= 4^4 + 14^0 + 14^2 + 17^2 + 27^1 = 44 + 140 + 142 + 172 + 271 \\
 769 &:= 4^4 + 7^2 + 21^2 + 22^0 + 22^1 = 44 + 72 + 212 + 220 + 221 \\
 769 &:= 5^3 + 6^3 + 18^0 + 20^2 + 27^1 = 53 + 63 + 180 + 202 + 271
 \end{aligned}$$

2.2.671 Number 770

$$\begin{aligned}
 770 &:= 1^3 + 2^8 + 2^9 + 70^0 = 13 + 28 + 29 + 700 \\
 770 &:= 1^3 + 3^6 + 33^0 + 39^1 = 13 + 36 + 330 + 391 \\
 770 &:= 1^3 + 4^4 + 8^3 + 63^0 = 13 + 44 + 83 + 630 \\
 770 &:= 1^5 + 8^3 + 16^2 + 51^0 = 15 + 83 + 162 + 510 \\
 770 &:= 1^6 + 9^3 + 27^0 + 39^1 = 16 + 93 + 270 + 391 \\
 770 &:= 1^7 + 2^9 + 4^4 + 68^0 = 17 + 29 + 44 + 680 \\
 770 &:= 1^7 + 9^0 + 27^2 + 39^1 = 17 + 90 + 272 + 391 \\
 770 &:= 1^9 + 2^8 + 8^3 + 64^0 = 19 + 28 + 83 + 640 \\
 770 &:= 1^9 + 2^9 + 16^2 + 56^0 = 19 + 29 + 162 + 560
 \end{aligned}$$

$$\begin{aligned}
 770 &:= 2^2 + 3^6 + 6^2 + 65^0 = 22 + 36 + 62 + 650 \\
 770 &:= 2^3 + 2^5 + 27^2 + 45^0 = 23 + 25 + 272 + 450 \\
 770 &:= 2^3 + 3^6 + 32^1 + 39^0 = 23 + 36 + 321 + 390 \\
 770 &:= 2^5 + 8^3 + 15^2 + 51^0 = 25 + 83 + 152 + 510 \\
 770 &:= 2^7 + 16^1 + 25^2 + 33^0 = 27 + 161 + 252 + 330 \\
 770 &:= 3^3 + 3^6 + 13^1 + 57^0 = 33 + 36 + 131 + 570 \\
 770 &:= 3^5 + 14^2 + 17^2 + 42^1 = 35 + 142 + 172 + 421 \\
 770 &:= 1^3 + 2^4 + 23^0 + 23^1 + 27^2 = 13 + 24 + 230 + 231 + 272 \\
 770 &:= 1^4 + 16^2 + 16^2 + 16^2 + 27^0 = 14 + 162 + 162 + 162 + 270
 \end{aligned}$$

$$\begin{aligned}770 &:= 1^4 + 5^3 + 18^1 + 25^2 + 27^0 = 14 + 53 + 181 + 252 + 270 \\770 &:= 1^4 + 6^3 + 23^0 + 23^1 + 23^2 = 14 + 63 + 230 + 231 + 232 \\770 &:= 1^4 + 7^3 + 20^2 + 23^0 + 25^1 = 14 + 73 + 202 + 230 + 251 \\770 &:= 1^5 + 11^2 + 17^0 + 22^1 + 25^2 = 15 + 112 + 170 + 221 + 252 \\770 &:= 1^5 + 13^2 + 15^0 + 23^1 + 24^2 = 15 + 132 + 150 + 231 + 242 \\770 &:= 1^5 + 14^1 + 15^2 + 23^0 + 23^2 = 15 + 141 + 152 + 230 + 232 \\770 &:= 1^5 + 4^2 + 21^0 + 23^1 + 27^2 = 15 + 42 + 210 + 231 + 272 \\770 &:= 1^5 + 9^3 + 12^1 + 27^0 + 27^1 = 15 + 93 + 121 + 270 + 271 \\770 &:= 1^5 + 9^3 + 13^1 + 26^1 + 27^0 = 15 + 93 + 131 + 261 + 270 \\770 &:= 1^5 + 9^3 + 14^1 + 25^1 + 27^0 = 15 + 93 + 141 + 251 + 270 \\770 &:= 1^5 + 9^3 + 15^1 + 24^1 + 27^0 = 15 + 93 + 151 + 241 + 270 \\770 &:= 1^5 + 9^3 + 16^1 + 23^1 + 27^0 = 15 + 93 + 161 + 231 + 270 \\770 &:= 1^5 + 9^3 + 17^1 + 22^1 + 27^0 = 15 + 93 + 171 + 221 + 270 \\770 &:= 1^5 + 9^3 + 18^1 + 21^1 + 27^0 = 15 + 93 + 181 + 211 + 270 \\770 &:= 1^5 + 9^3 + 19^1 + 20^1 + 27^0 = 15 + 93 + 191 + 201 + 270 \\770 &:= 1^6 + 9^0 + 12^1 + 27^1 + 27^2 = 16 + 90 + 121 + 271 + 272 \\770 &:= 1^6 + 9^0 + 13^1 + 26^1 + 27^2 = 16 + 90 + 131 + 261 + 272 \\770 &:= 1^6 + 9^0 + 14^1 + 25^1 + 27^2 = 16 + 90 + 141 + 251 + 272 \\770 &:= 1^6 + 9^0 + 15^1 + 24^1 + 27^2 = 16 + 90 + 151 + 241 + 272 \\770 &:= 1^6 + 9^0 + 16^1 + 23^1 + 27^2 = 16 + 90 + 161 + 231 + 272 \\770 &:= 1^6 + 9^0 + 17^1 + 22^1 + 27^2 = 16 + 90 + 171 + 221 + 272 \\770 &:= 1^6 + 9^0 + 18^1 + 21^1 + 27^2 = 16 + 90 + 181 + 211 + 272 \\770 &:= 1^6 + 9^0 + 19^1 + 20^1 + 27^2 = 16 + 90 + 191 + 201 + 272 \\770 &:= 2^1 + 2^6 + 19^0 + 26^2 + 27^1 = 21 + 26 + 190 + 262 + 271 \\770 &:= 2^3 + 4^4 + 21^1 + 22^2 + 27^0 = 23 + 44 + 211 + 222 + 270 \\770 &:= 2^4 + 14^2 + 14^2 + 19^2 + 27^0 = 24 + 142 + 142 + 192 + 270 \\770 &:= 2^4 + 6^2 + 15^1 + 26^2 + 27^1 = 24 + 62 + 151 + 262 + 271 \\770 &:= 2^4 + 6^2 + 16^1 + 26^1 + 26^2 = 24 + 62 + 161 + 261 + 262 \\770 &:= 2^4 + 6^2 + 17^1 + 25^1 + 26^2 = 24 + 62 + 171 + 251 + 262 \\770 &:= 2^4 + 6^2 + 18^1 + 24^1 + 26^2 = 24 + 62 + 181 + 241 + 262 \\770 &:= 2^4 + 6^2 + 19^1 + 23^1 + 26^2 = 24 + 62 + 191 + 231 + 262 \\770 &:= 2^4 + 6^2 + 20^1 + 22^1 + 26^2 = 24 + 62 + 201 + 221 + 262 \\770 &:= 2^4 + 6^2 + 21^1 + 21^1 + 26^2 = 24 + 62 + 211 + 211 + 262 \\770 &:= 2^5 + 10^2 + 12^1 + 25^2 + 27^0 = 25 + 102 + 121 + 252 + 270 \\770 &:= 2^5 + 12^1 + 14^2 + 23^2 + 25^0 = 25 + 121 + 142 + 232 + 250 \\770 &:= 2^5 + 12^2 + 17^1 + 21^0 + 24^2 = 25 + 122 + 171 + 210 + 242 \\770 &:= 2^5 + 13^1 + 18^2 + 20^2 + 23^0 = 25 + 131 + 182 + 202 + 230 \\770 &:= 2^5 + 15^1 + 19^2 + 19^2 + 21^0 = 25 + 151 + 192 + 192 + 210\end{aligned}$$

$$\begin{aligned}770 &:= 2^5 + 6^2 + 17^0 + 25^1 + 26^2 = 25 + 62 + 170 + 251 + 262 \\770 &:= 2^6 + 10^1 + 19^0 + 19^1 + 26^2 = 26 + 101 + 190 + 191 + 262 \\770 &:= 2^6 + 11^1 + 18^1 + 19^0 + 26^2 = 26 + 111 + 181 + 190 + 262 \\770 &:= 2^6 + 12^1 + 17^1 + 19^0 + 26^2 = 26 + 121 + 171 + 190 + 262 \\770 &:= 2^6 + 13^1 + 16^1 + 19^0 + 26^2 = 26 + 131 + 161 + 190 + 262 \\770 &:= 2^6 + 14^1 + 15^1 + 19^0 + 26^2 = 26 + 141 + 151 + 190 + 262 \\770 &:= 2^6 + 3^1 + 19^0 + 26^1 + 26^2 = 26 + 31 + 190 + 261 + 262 \\770 &:= 2^6 + 4^1 + 19^0 + 25^1 + 26^2 = 26 + 41 + 190 + 251 + 262 \\770 &:= 2^6 + 5^1 + 19^0 + 24^1 + 26^2 = 26 + 51 + 190 + 241 + 262 \\770 &:= 2^6 + 6^1 + 19^0 + 23^1 + 26^2 = 26 + 61 + 190 + 231 + 262 \\770 &:= 2^6 + 7^1 + 19^0 + 22^1 + 26^2 = 26 + 71 + 190 + 221 + 262 \\770 &:= 2^6 + 8^1 + 19^0 + 21^1 + 26^2 = 26 + 81 + 190 + 211 + 262 \\770 &:= 2^6 + 9^1 + 19^0 + 20^1 + 26^2 = 26 + 91 + 190 + 201 + 262 \\770 &:= 2^7 + 10^0 + 15^1 + 24^0 + 25^2 = 27 + 100 + 151 + 240 + 252 \\770 &:= 2^7 + 11^0 + 15^1 + 23^0 + 25^2 = 27 + 110 + 151 + 230 + 252 \\770 &:= 2^7 + 12^0 + 15^1 + 22^0 + 25^2 = 27 + 120 + 151 + 220 + 252 \\770 &:= 2^7 + 13^0 + 15^1 + 21^0 + 25^2 = 27 + 130 + 151 + 210 + 252 \\770 &:= 2^7 + 14^0 + 15^1 + 20^0 + 25^2 = 27 + 140 + 151 + 200 + 252 \\770 &:= 2^7 + 15^0 + 15^1 + 19^0 + 25^2 = 27 + 150 + 151 + 190 + 252 \\770 &:= 2^7 + 15^1 + 16^0 + 18^0 + 25^2 = 27 + 151 + 160 + 180 + 252 \\770 &:= 2^7 + 15^1 + 17^0 + 17^0 + 25^2 = 27 + 151 + 170 + 170 + 252 \\770 &:= 2^7 + 7^0 + 15^1 + 25^2 + 27^0 = 27 + 70 + 151 + 252 + 270 \\770 &:= 2^7 + 8^0 + 15^1 + 25^2 + 26^0 = 27 + 80 + 151 + 252 + 260 \\770 &:= 2^7 + 9^0 + 15^1 + 25^0 + 25^2 = 27 + 90 + 151 + 250 + 252 \\770 &:= 3^3 + 14^2 + 14^2 + 18^2 + 27^1 = 33 + 142 + 142 + 182 + 271 \\770 &:= 3^4 + 11^2 + 12^1 + 23^2 + 27^1 = 34 + 112 + 121 + 232 + 271 \\770 &:= 3^4 + 11^2 + 13^1 + 23^2 + 26^1 = 34 + 112 + 131 + 232 + 261 \\770 &:= 3^4 + 11^2 + 14^1 + 23^2 + 25^1 = 34 + 112 + 141 + 232 + 251 \\770 &:= 3^4 + 11^2 + 15^1 + 23^2 + 24^1 = 34 + 112 + 151 + 232 + 241 \\770 &:= 3^4 + 11^2 + 16^1 + 23^1 + 23^2 = 34 + 112 + 161 + 231 + 232 \\770 &:= 3^4 + 11^2 + 17^1 + 22^1 + 23^2 = 34 + 112 + 171 + 221 + 232 \\770 &:= 3^4 + 11^2 + 18^1 + 21^1 + 23^2 = 34 + 112 + 181 + 211 + 232 \\770 &:= 3^4 + 11^2 + 19^1 + 20^1 + 23^2 = 34 + 112 + 191 + 201 + 232 \\770 &:= 3^4 + 7^3 + 18^2 + 21^1 + 27^0 = 34 + 73 + 182 + 211 + 270 \\770 &:= 3^5 + 10^2 + 17^0 + 20^2 + 26^1 = 35 + 102 + 170 + 202 + 261 \\770 &:= 3^5 + 12^2 + 19^2 + 21^0 + 21^1 = 35 + 122 + 192 + 210 + 211 \\770 &:= 3^5 + 14^1 + 16^2 + 16^2 + 27^0 = 35 + 141 + 162 + 162 + 270 \\770 &:= 3^5 + 4^2 + 21^0 + 22^2 + 26^1 = 35 + 42 + 210 + 222 + 261\end{aligned}$$

$$\begin{aligned} 770 &:= 3^5 + 5^3 + 20^2 + 21^0 + 27^0 = 35 + 53 + 202 + 210 + 270 \\ 770 &:= 3^5 + 5^3 + 20^2 + 22^0 + 26^0 = 35 + 53 + 202 + 220 + 260 \\ 770 &:= 3^5 + 5^3 + 20^2 + 23^0 + 25^0 = 35 + 53 + 202 + 230 + 250 \\ 770 &:= 3^5 + 5^3 + 20^2 + 24^0 + 24^0 = 35 + 53 + 202 + 240 + 240 \\ 770 &:= 3^5 + 8^2 + 21^1 + 21^2 + 23^0 = 35 + 82 + 211 + 212 + 230 \end{aligned}$$

$$\begin{aligned} 770 &:= 4^4 + 4^4 + 16^2 + 25^0 + 27^0 = 44 + 44 + 162 + 250 + 270 \\ 770 &:= 4^4 + 4^4 + 16^2 + 26^0 + 26^0 = 44 + 44 + 162 + 260 + 260 \\ 770 &:= 4^4 + 5^3 + 19^2 + 21^0 + 27^1 = 44 + 53 + 192 + 210 + 271 \\ 770 &:= 4^4 + 7^3 + 12^2 + 26^1 + 27^0 = 44 + 73 + 122 + 261 + 270 \end{aligned}$$

2.2.672 Number 771

$$\begin{aligned} 771 &:= 1^4 + 3^6 + 32^0 + 40^1 = 14 + 36 + 320 + 401 \\ 771 &:= 1^5 + 5^4 + 12^2 + 58^0 = 15 + 54 + 122 + 580 \\ 771 &:= 1^7 + 12^2 + 25^2 + 38^0 = 17 + 122 + 252 + 380 \\ 771 &:= 1^7 + 9^3 + 26^0 + 40^1 = 17 + 93 + 260 + 401 \\ 771 &:= 1^8 + 8^0 + 27^2 + 40^1 = 18 + 80 + 272 + 401 \\ 771 &:= 2^4 + 3^6 + 25^1 + 46^0 = 24 + 36 + 251 + 460 \\ 771 &:= 2^8 + 22^0 + 22^2 + 30^1 = 28 + 220 + 222 + 301 \\ 771 &:= 3^4 + 4^3 + 5^4 + 64^0 = 34 + 43 + 54 + 640 \\ 771 &:= 1^4 + 2^4 + 22^0 + 24^1 + 27^2 = 14 + 24 + 220 + 241 + 272 \\ 771 &:= 1^5 + 5^3 + 19^1 + 25^2 + 26^0 = 15 + 53 + 191 + 252 + 260 \\ 771 &:= 1^5 + 6^3 + 22^0 + 23^2 + 24^1 = 15 + 63 + 220 + 232 + 241 \\ 771 &:= 1^5 + 7^3 + 20^2 + 22^0 + 26^1 = 15 + 73 + 202 + 220 + 261 \\ 771 &:= 1^6 + 11^2 + 16^0 + 23^1 + 25^2 = 16 + 112 + 160 + 231 + 252 \\ 771 &:= 1^6 + 13^2 + 14^0 + 24^1 + 24^2 = 16 + 132 + 140 + 241 + 242 \\ 771 &:= 1^6 + 15^1 + 15^2 + 22^0 + 23^2 = 16 + 151 + 152 + 220 + 232 \\ 771 &:= 1^6 + 4^2 + 20^0 + 24^1 + 27^2 = 16 + 42 + 200 + 241 + 272 \\ 771 &:= 1^6 + 8^3 + 16^2 + 24^0 + 27^0 = 16 + 83 + 162 + 240 + 270 \\ 771 &:= 1^6 + 8^3 + 16^2 + 25^0 + 26^0 = 16 + 83 + 162 + 250 + 260 \\ 771 &:= 1^6 + 9^3 + 13^1 + 26^0 + 27^1 = 16 + 93 + 131 + 260 + 271 \\ 771 &:= 1^6 + 9^3 + 14^1 + 26^0 + 26^1 = 16 + 93 + 141 + 260 + 261 \\ 771 &:= 1^6 + 9^3 + 15^1 + 25^1 + 26^0 = 16 + 93 + 151 + 251 + 260 \\ 771 &:= 1^6 + 9^3 + 16^1 + 24^1 + 26^0 = 16 + 93 + 161 + 241 + 260 \\ 771 &:= 1^6 + 9^3 + 17^1 + 23^1 + 26^0 = 16 + 93 + 171 + 231 + 260 \\ 771 &:= 1^6 + 9^3 + 18^1 + 22^1 + 26^0 = 16 + 93 + 181 + 221 + 260 \\ 771 &:= 1^6 + 9^3 + 19^1 + 21^1 + 26^0 = 16 + 93 + 191 + 211 + 260 \\ 771 &:= 1^6 + 9^3 + 20^1 + 20^1 + 26^0 = 16 + 93 + 201 + 201 + 260 \\ 771 &:= 1^7 + 8^0 + 13^1 + 27^1 + 27^2 = 17 + 80 + 131 + 271 + 272 \\ 771 &:= 1^7 + 8^0 + 14^1 + 26^1 + 27^2 = 17 + 80 + 141 + 261 + 272 \\ 771 &:= 1^7 + 8^0 + 15^1 + 25^1 + 27^2 = 17 + 80 + 151 + 251 + 272 \\ 771 &:= 1^7 + 8^0 + 16^1 + 24^1 + 27^2 = 17 + 80 + 161 + 241 + 272 \end{aligned}$$

$$\begin{aligned} 771 &:= 1^7 + 8^0 + 17^1 + 23^1 + 27^2 = 17 + 80 + 171 + 231 + 272 \\ 771 &:= 1^7 + 8^0 + 18^1 + 22^1 + 27^2 = 17 + 80 + 181 + 221 + 272 \\ 771 &:= 1^7 + 8^0 + 19^1 + 21^1 + 27^2 = 17 + 80 + 191 + 211 + 272 \\ 771 &:= 1^7 + 8^0 + 20^1 + 20^1 + 27^2 = 17 + 80 + 201 + 201 + 272 \\ 771 &:= 2^2 + 2^6 + 20^0 + 26^1 + 26^2 = 22 + 26 + 200 + 261 + 262 \\ 771 &:= 2^4 + 3^6 + 20^0 + 24^1 + 27^0 = 24 + 36 + 200 + 241 + 270 \\ 771 &:= 2^4 + 3^6 + 21^0 + 24^1 + 26^0 = 24 + 36 + 210 + 241 + 260 \\ 771 &:= 2^4 + 3^6 + 22^0 + 24^1 + 25^0 = 24 + 36 + 220 + 241 + 250 \\ 771 &:= 2^4 + 3^6 + 23^0 + 24^0 + 24^1 = 24 + 36 + 230 + 240 + 241 \\ 771 &:= 2^6 + 12^0 + 14^2 + 22^2 + 26^1 = 26 + 120 + 142 + 222 + 261 \\ 771 &:= 2^6 + 16^0 + 18^2 + 19^2 + 21^1 = 26 + 160 + 182 + 192 + 211 \\ 771 &:= 2^6 + 17^1 + 17^2 + 20^0 + 20^2 = 26 + 171 + 172 + 200 + 202 \\ 771 &:= 2^6 + 3^2 + 21^1 + 24^0 + 26^2 = 26 + 32 + 211 + 240 + 262 \\ 771 &:= 2^6 + 8^2 + 17^1 + 24^0 + 25^2 = 26 + 82 + 171 + 240 + 252 \\ 771 &:= 2^7 + 4^2 + 18^0 + 25^2 + 27^0 = 27 + 42 + 180 + 252 + 270 \\ 771 &:= 2^7 + 4^2 + 19^0 + 25^2 + 26^0 = 27 + 42 + 190 + 252 + 260 \\ 771 &:= 2^7 + 4^2 + 20^0 + 25^0 + 25^2 = 27 + 42 + 200 + 250 + 252 \\ 771 &:= 2^7 + 4^2 + 21^0 + 24^0 + 25^2 = 27 + 42 + 210 + 240 + 252 \\ 771 &:= 2^7 + 4^2 + 22^0 + 23^0 + 25^2 = 27 + 42 + 220 + 230 + 252 \\ 771 &:= 2^8 + 8^3 + 12^0 + 27^0 + 27^0 = 28 + 83 + 120 + 270 + 270 \\ 771 &:= 2^8 + 8^3 + 13^0 + 26^0 + 27^0 = 28 + 83 + 130 + 260 + 270 \\ 771 &:= 2^8 + 8^3 + 14^0 + 25^0 + 27^0 = 28 + 83 + 140 + 250 + 270 \\ 771 &:= 2^8 + 8^3 + 14^0 + 26^0 + 26^0 = 28 + 83 + 140 + 260 + 260 \\ 771 &:= 2^8 + 8^3 + 15^0 + 24^0 + 27^0 = 28 + 83 + 150 + 240 + 270 \\ 771 &:= 2^8 + 8^3 + 15^0 + 25^0 + 26^0 = 28 + 83 + 150 + 250 + 260 \\ 771 &:= 2^8 + 8^3 + 16^0 + 23^0 + 27^0 = 28 + 83 + 160 + 230 + 270 \\ 771 &:= 2^8 + 8^3 + 16^0 + 24^0 + 26^0 = 28 + 83 + 160 + 240 + 260 \\ 771 &:= 2^8 + 8^3 + 16^0 + 25^0 + 25^0 = 28 + 83 + 160 + 250 + 250 \\ 771 &:= 2^8 + 8^3 + 17^0 + 22^0 + 27^0 = 28 + 83 + 170 + 220 + 270 \\ 771 &:= 2^8 + 8^3 + 17^0 + 23^0 + 26^0 = 28 + 83 + 170 + 230 + 260 \end{aligned}$$

$$\begin{aligned} 771 &:= 2^8 + 8^3 + 17^0 + 24^0 + 25^0 = 28 + 83 + 170 + 240 + 250 & 771 &:= 2^9 + 14^0 + 16^2 + 20^0 + 24^0 = 29 + 140 + 162 + 200 + 240 \\ 771 &:= 2^8 + 8^3 + 18^0 + 21^0 + 27^0 = 28 + 83 + 180 + 210 + 270 & 771 &:= 2^9 + 14^0 + 16^2 + 21^0 + 23^0 = 29 + 140 + 162 + 210 + 230 \\ 771 &:= 2^8 + 8^3 + 18^0 + 22^0 + 26^0 = 28 + 83 + 180 + 220 + 260 & 771 &:= 2^9 + 14^0 + 16^2 + 22^0 + 22^0 = 29 + 140 + 162 + 220 + 220 \\ 771 &:= 2^8 + 8^3 + 18^0 + 23^0 + 25^0 = 28 + 83 + 180 + 230 + 250 & 771 &:= 2^9 + 15^0 + 16^0 + 16^2 + 27^0 = 29 + 150 + 160 + 162 + 270 \\ 771 &:= 2^8 + 8^3 + 18^0 + 24^0 + 24^0 = 28 + 83 + 180 + 240 + 240 & 771 &:= 2^9 + 15^0 + 16^2 + 17^0 + 26^0 = 29 + 150 + 162 + 170 + 260 \\ 771 &:= 2^8 + 8^3 + 19^0 + 20^0 + 27^0 = 28 + 83 + 190 + 200 + 270 & 771 &:= 2^9 + 15^0 + 16^2 + 18^0 + 25^0 = 29 + 150 + 162 + 180 + 250 \\ 771 &:= 2^8 + 8^3 + 19^0 + 21^0 + 26^0 = 28 + 83 + 190 + 210 + 260 & 771 &:= 2^9 + 15^0 + 16^2 + 19^0 + 24^0 = 29 + 150 + 162 + 190 + 240 \\ 771 &:= 2^8 + 8^3 + 19^0 + 22^0 + 25^0 = 28 + 83 + 190 + 220 + 250 & 771 &:= 2^9 + 15^0 + 16^2 + 20^0 + 23^0 = 29 + 150 + 162 + 200 + 230 \\ 771 &:= 2^8 + 8^3 + 19^0 + 23^0 + 24^0 = 28 + 83 + 190 + 230 + 240 & 771 &:= 2^9 + 15^0 + 16^2 + 21^0 + 22^0 = 29 + 150 + 162 + 210 + 220 \\ 771 &:= 2^8 + 8^3 + 20^0 + 20^0 + 26^0 = 28 + 83 + 200 + 200 + 260 & 771 &:= 2^9 + 16^0 + 16^0 + 16^2 + 26^0 = 29 + 160 + 160 + 162 + 260 \\ 771 &:= 2^8 + 8^3 + 20^0 + 21^0 + 25^0 = 28 + 83 + 200 + 210 + 250 & 771 &:= 2^9 + 16^0 + 16^2 + 17^0 + 25^0 = 29 + 160 + 162 + 170 + 250 \\ 771 &:= 2^8 + 8^3 + 20^0 + 22^0 + 24^0 = 28 + 83 + 200 + 220 + 240 & 771 &:= 2^9 + 16^0 + 16^2 + 18^0 + 24^0 = 29 + 160 + 162 + 180 + 240 \\ 771 &:= 2^8 + 8^3 + 20^0 + 23^0 + 23^0 = 28 + 83 + 200 + 230 + 230 & 771 &:= 2^9 + 16^0 + 16^2 + 19^0 + 23^0 = 29 + 160 + 162 + 190 + 230 \\ 771 &:= 2^8 + 8^3 + 21^0 + 21^0 + 24^0 = 28 + 83 + 210 + 210 + 240 & 771 &:= 2^9 + 16^0 + 16^2 + 20^0 + 22^0 = 29 + 160 + 162 + 200 + 220 \\ 771 &:= 2^8 + 8^3 + 21^0 + 22^0 + 23^0 = 28 + 83 + 210 + 220 + 230 & 771 &:= 2^9 + 16^0 + 16^2 + 21^0 + 21^0 = 29 + 160 + 162 + 210 + 210 \\ 771 &:= 2^8 + 8^3 + 22^0 + 22^0 + 22^0 = 28 + 83 + 220 + 220 + 220 & 771 &:= 2^9 + 16^2 + 17^0 + 17^0 + 24^0 = 29 + 162 + 170 + 170 + 240 \\ 771 &:= 2^9 + 10^0 + 16^2 + 21^0 + 27^0 = 29 + 100 + 162 + 210 + 270 & 771 &:= 2^9 + 16^2 + 17^0 + 18^0 + 23^0 = 29 + 162 + 170 + 180 + 230 \\ 771 &:= 2^9 + 10^0 + 16^2 + 22^0 + 26^0 = 29 + 100 + 162 + 220 + 260 & 771 &:= 2^9 + 16^2 + 17^0 + 19^0 + 22^0 = 29 + 162 + 170 + 190 + 220 \\ 771 &:= 2^9 + 10^0 + 16^2 + 23^0 + 25^0 = 29 + 100 + 162 + 230 + 250 & 771 &:= 2^9 + 16^2 + 17^0 + 20^0 + 21^0 = 29 + 162 + 170 + 200 + 210 \\ 771 &:= 2^9 + 10^0 + 16^2 + 24^0 + 24^0 = 29 + 100 + 162 + 240 + 240 & 771 &:= 2^9 + 16^2 + 18^0 + 18^0 + 22^0 = 29 + 162 + 180 + 180 + 220 \\ 771 &:= 2^9 + 11^0 + 16^2 + 20^0 + 27^0 = 29 + 110 + 162 + 200 + 270 & 771 &:= 2^9 + 16^2 + 18^0 + 19^0 + 21^0 = 29 + 162 + 180 + 190 + 210 \\ 771 &:= 2^9 + 11^0 + 16^2 + 21^0 + 26^0 = 29 + 110 + 162 + 210 + 260 & 771 &:= 2^9 + 16^2 + 18^0 + 20^0 + 20^0 = 29 + 162 + 180 + 200 + 200 \\ 771 &:= 2^9 + 11^0 + 16^2 + 22^0 + 25^0 = 29 + 110 + 162 + 220 + 250 & 771 &:= 2^9 + 16^2 + 19^0 + 19^0 + 20^0 = 29 + 162 + 190 + 190 + 200 \\ 771 &:= 2^9 + 11^0 + 16^2 + 23^0 + 24^0 = 29 + 110 + 162 + 230 + 240 & 771 &:= 2^9 + 4^0 + 16^2 + 27^0 + 27^0 = 29 + 40 + 162 + 270 + 270 \\ 771 &:= 2^9 + 12^0 + 16^2 + 19^0 + 27^0 = 29 + 120 + 162 + 190 + 270 & 771 &:= 2^9 + 5^0 + 16^2 + 26^0 + 27^0 = 29 + 50 + 162 + 260 + 270 \\ 771 &:= 2^9 + 12^0 + 16^2 + 20^0 + 26^0 = 29 + 120 + 162 + 200 + 260 & 771 &:= 2^9 + 6^0 + 16^2 + 25^0 + 27^0 = 29 + 60 + 162 + 250 + 270 \\ 771 &:= 2^9 + 12^0 + 16^2 + 21^0 + 25^0 = 29 + 120 + 162 + 210 + 250 & 771 &:= 2^9 + 6^0 + 16^2 + 26^0 + 26^0 = 29 + 60 + 162 + 260 + 260 \\ 771 &:= 2^9 + 12^0 + 16^2 + 22^0 + 24^0 = 29 + 120 + 162 + 220 + 240 & 771 &:= 2^9 + 7^0 + 16^2 + 24^0 + 27^0 = 29 + 70 + 162 + 240 + 270 \\ 771 &:= 2^9 + 12^0 + 16^2 + 23^0 + 23^0 = 29 + 120 + 162 + 230 + 230 & 771 &:= 2^9 + 7^0 + 16^2 + 25^0 + 26^0 = 29 + 70 + 162 + 250 + 260 \\ 771 &:= 2^9 + 13^0 + 16^2 + 18^0 + 27^0 = 29 + 130 + 162 + 180 + 270 & 771 &:= 2^9 + 8^0 + 16^2 + 23^0 + 27^0 = 29 + 80 + 162 + 230 + 270 \\ 771 &:= 2^9 + 13^0 + 16^2 + 19^0 + 26^0 = 29 + 130 + 162 + 190 + 260 & 771 &:= 2^9 + 8^0 + 16^2 + 24^0 + 26^0 = 29 + 80 + 162 + 240 + 260 \\ 771 &:= 2^9 + 13^0 + 16^2 + 20^0 + 25^0 = 29 + 130 + 162 + 200 + 250 & 771 &:= 2^9 + 8^0 + 16^2 + 25^0 + 25^0 = 29 + 80 + 162 + 250 + 250 \\ 771 &:= 2^9 + 13^0 + 16^2 + 21^0 + 24^0 = 29 + 130 + 162 + 210 + 240 & 771 &:= 2^9 + 9^0 + 16^2 + 22^0 + 27^0 = 29 + 90 + 162 + 220 + 270 \\ 771 &:= 2^9 + 13^0 + 16^2 + 22^0 + 23^0 = 29 + 130 + 162 + 220 + 230 & 771 &:= 2^9 + 9^0 + 16^2 + 23^0 + 26^0 = 29 + 90 + 162 + 230 + 260 \\ 771 &:= 2^9 + 14^0 + 16^2 + 17^0 + 27^0 = 29 + 140 + 162 + 170 + 270 & 771 &:= 2^9 + 9^0 + 16^2 + 24^0 + 25^0 = 29 + 90 + 162 + 240 + 250 \\ 771 &:= 2^9 + 14^0 + 16^2 + 18^0 + 26^0 = 29 + 140 + 162 + 180 + 260 & 771 &:= 3^5 + 4^3 + 21^2 + 22^1 + 26^0 = 35 + 43 + 212 + 221 + 260 \\ 771 &:= 2^9 + 14^0 + 16^2 + 19^0 + 25^0 = 29 + 140 + 162 + 190 + 250 & & \end{aligned}$$

2.2.673 Number 772

$$\begin{aligned} 772 &:= 1^5 + 3^6 + 31^0 + 41^1 = 15 + 36 + 310 + 411 & 772 &:= 1^8 + 12^2 + 18^0 + 20^0 + 25^2 = 18 + 122 + 180 + 200 + 252 \\ 772 &:= 1^8 + 9^3 + 25^0 + 41^1 = 18 + 93 + 250 + 411 & 772 &:= 1^8 + 12^2 + 19^0 + 19^0 + 25^2 = 18 + 122 + 190 + 190 + 252 \\ 772 &:= 1^9 + 7^0 + 27^2 + 41^1 = 19 + 70 + 272 + 411 & 772 &:= 1^8 + 7^0 + 14^1 + 27^1 + 27^2 = 18 + 70 + 141 + 271 + 272 \\ 772 &:= 2^4 + 3^5 + 8^3 + 63^0 = 24 + 35 + 83 + 630 & 772 &:= 1^8 + 7^0 + 15^1 + 26^1 + 27^2 = 18 + 70 + 151 + 261 + 272 \\ 772 &:= 2^5 + 3^6 + 10^1 + 61^0 = 25 + 36 + 101 + 610 & 772 &:= 1^8 + 7^0 + 16^1 + 25^1 + 27^2 = 18 + 70 + 161 + 251 + 272 \\ 772 &:= 2^7 + 5^4 + 18^1 + 51^0 = 27 + 54 + 181 + 510 & 772 &:= 1^8 + 7^0 + 17^1 + 24^1 + 27^2 = 18 + 70 + 171 + 241 + 272 \\ 772 &:= 2^8 + 3^1 + 8^3 + 63^0 = 28 + 31 + 83 + 630 & 772 &:= 1^8 + 7^0 + 18^1 + 23^1 + 27^2 = 18 + 70 + 181 + 231 + 272 \\ 772 &:= 2^9 + 15^2 + 25^0 + 34^1 = 29 + 152 + 250 + 341 & 772 &:= 1^8 + 7^0 + 19^1 + 22^1 + 27^2 = 18 + 70 + 191 + 221 + 272 \\ 772 &:= 2^9 + 3^1 + 16^2 + 55^0 = 29 + 31 + 162 + 550 & 772 &:= 1^8 + 7^0 + 20^1 + 21^1 + 27^2 = 18 + 70 + 201 + 211 + 272 \\ 772 &:= 3^5 + 5^3 + 7^3 + 61^1 = 35 + 53 + 73 + 611 & 772 &:= 2^3 + 2^6 + 23^0 + 23^1 + 26^2 = 23 + 26 + 230 + 231 + 262 \\ 772 &:= 1^5 + 2^4 + 21^0 + 25^1 + 27^2 = 15 + 24 + 210 + 251 + 272 & 772 &:= 2^6 + 3^4 + 19^0 + 25^2 + 27^0 = 26 + 34 + 190 + 252 + 270 \\ 772 &:= 1^6 + 15^2 + 16^2 + 17^2 + 27^0 = 16 + 152 + 162 + 172 + 270 & 772 &:= 2^6 + 3^4 + 20^0 + 25^2 + 26^0 = 26 + 34 + 200 + 252 + 260 \\ 772 &:= 1^6 + 5^3 + 20^1 + 25^0 + 25^2 = 16 + 53 + 201 + 250 + 252 & 772 &:= 2^6 + 3^4 + 21^0 + 25^0 + 25^2 = 26 + 34 + 210 + 250 + 252 \\ 772 &:= 1^6 + 6^3 + 21^0 + 23^2 + 25^1 = 16 + 63 + 210 + 232 + 251 & 772 &:= 2^6 + 3^4 + 22^0 + 24^0 + 25^2 = 26 + 34 + 220 + 240 + 252 \\ 772 &:= 1^6 + 7^3 + 20^2 + 21^0 + 27^1 = 16 + 73 + 202 + 210 + 271 & 772 &:= 2^6 + 3^4 + 23^0 + 23^0 + 25^2 = 26 + 34 + 230 + 230 + 252 \\ 772 &:= 1^7 + 11^2 + 15^0 + 24^1 + 25^2 = 17 + 112 + 150 + 241 + 252 & 772 &:= 2^6 + 4^3 + 18^1 + 25^2 + 27^0 = 26 + 43 + 181 + 252 + 270 \\ 772 &:= 1^7 + 13^0 + 13^2 + 24^2 + 25^1 = 17 + 130 + 132 + 242 + 251 & 772 &:= 2^6 + 8^3 + 13^2 + 26^1 + 27^0 = 26 + 83 + 132 + 261 + 270 \\ 772 &:= 1^7 + 15^2 + 16^1 + 21^0 + 23^2 = 17 + 152 + 161 + 210 + 232 & 772 &:= 2^7 + 10^2 + 14^1 + 23^2 + 27^0 = 27 + 102 + 141 + 232 + 270 \\ 772 &:= 1^7 + 4^2 + 19^0 + 25^1 + 27^2 = 17 + 42 + 190 + 251 + 272 & 772 &:= 2^7 + 12^2 + 15^1 + 22^2 + 25^0 = 27 + 122 + 151 + 222 + 250 \\ 772 &:= 1^7 + 5^2 + 16^1 + 27^0 + 27^2 = 17 + 52 + 161 + 270 + 272 & 772 &:= 2^7 + 13^0 + 16^2 + 19^2 + 26^1 = 27 + 130 + 162 + 192 + 261 \\ 772 &:= 1^7 + 9^1 + 19^2 + 20^2 + 27^0 = 17 + 91 + 192 + 202 + 270 & 772 &:= 2^7 + 15^2 + 18^1 + 20^2 + 21^0 = 27 + 152 + 181 + 202 + 210 \\ 772 &:= 1^7 + 9^2 + 13^1 + 26^2 + 27^0 = 17 + 92 + 131 + 262 + 270 & 772 &:= 2^7 + 5^4 + 17^1 + 25^0 + 27^0 = 27 + 54 + 171 + 250 + 270 \\ 772 &:= 1^7 + 9^3 + 14^1 + 25^0 + 27^1 = 17 + 93 + 141 + 250 + 271 & 772 &:= 2^7 + 5^4 + 17^1 + 26^0 + 26^0 = 27 + 54 + 171 + 260 + 260 \\ 772 &:= 1^7 + 9^3 + 15^1 + 25^0 + 26^1 = 17 + 93 + 151 + 250 + 261 & 772 &:= 2^7 + 7^2 + 18^1 + 24^2 + 25^0 = 27 + 72 + 181 + 242 + 250 \\ 772 &:= 1^7 + 9^3 + 16^1 + 25^0 + 25^1 = 17 + 93 + 161 + 250 + 251 & 772 &:= 2^8 + 10^1 + 21^0 + 21^1 + 22^2 = 28 + 101 + 210 + 211 + 222 \\ 772 &:= 1^7 + 9^3 + 17^1 + 24^1 + 25^0 = 17 + 93 + 171 + 241 + 250 & 772 &:= 2^8 + 11^1 + 20^1 + 21^0 + 22^2 = 28 + 111 + 201 + 210 + 222 \\ 772 &:= 1^7 + 9^3 + 18^1 + 23^1 + 25^0 = 17 + 93 + 181 + 231 + 250 & 772 &:= 2^8 + 12^1 + 19^1 + 21^0 + 22^2 = 28 + 121 + 191 + 210 + 222 \\ 772 &:= 1^7 + 9^3 + 19^1 + 22^1 + 25^0 = 17 + 93 + 191 + 221 + 250 & 772 &:= 2^8 + 13^1 + 18^1 + 21^0 + 22^2 = 28 + 131 + 181 + 210 + 222 \\ 772 &:= 1^7 + 9^3 + 20^1 + 21^1 + 25^0 = 17 + 93 + 201 + 211 + 250 & 772 &:= 2^8 + 14^1 + 17^1 + 21^0 + 22^2 = 28 + 141 + 171 + 210 + 222 \\ 772 &:= 1^8 + 11^0 + 12^2 + 25^2 + 27^0 = 18 + 110 + 122 + 252 + 270 & 772 &:= 2^8 + 15^0 + 15^2 + 17^2 + 27^0 = 28 + 150 + 152 + 172 + 270 \\ 772 &:= 1^8 + 12^0 + 12^2 + 25^2 + 26^0 = 18 + 120 + 122 + 252 + 260 & 772 &:= 2^8 + 15^1 + 16^1 + 21^0 + 22^2 = 28 + 151 + 161 + 210 + 222 \\ 772 &:= 1^8 + 12^2 + 13^0 + 25^0 + 25^2 = 18 + 122 + 130 + 250 + 252 & 772 &:= 2^8 + 15^2 + 16^0 + 17^2 + 26^0 = 28 + 152 + 160 + 172 + 260 \\ 772 &:= 1^8 + 12^2 + 14^0 + 24^0 + 25^2 = 18 + 122 + 140 + 240 + 252 & 772 &:= 2^8 + 15^2 + 17^0 + 17^2 + 25^0 = 28 + 152 + 170 + 172 + 250 \\ 772 &:= 1^8 + 12^2 + 15^0 + 23^0 + 25^2 = 18 + 122 + 150 + 230 + 252 & 772 &:= 2^8 + 15^2 + 17^2 + 18^0 + 24^0 = 28 + 152 + 172 + 180 + 240 \\ 772 &:= 1^8 + 12^2 + 16^0 + 22^0 + 25^2 = 18 + 122 + 160 + 220 + 252 & 772 &:= 2^8 + 15^2 + 17^2 + 19^0 + 23^0 = 28 + 152 + 172 + 190 + 230 \\ 772 &:= 1^8 + 12^2 + 17^0 + 21^0 + 25^2 = 18 + 122 + 170 + 210 + 252 & 772 &:= 2^8 + 15^2 + 17^2 + 20^0 + 22^0 = 28 + 152 + 172 + 200 + 220 \end{aligned}$$

$$\begin{aligned} 772 &:= 2^8 + 15^2 + 17^2 + 21^0 + 21^0 = 28 + 152 + 172 + 210 + 210 \\ 772 &:= 2^8 + 4^1 + 21^0 + 22^2 + 27^1 = 28 + 41 + 210 + 222 + 271 \\ 772 &:= 2^8 + 5^1 + 21^0 + 22^2 + 26^1 = 28 + 51 + 210 + 222 + 261 \\ 772 &:= 2^8 + 6^1 + 21^0 + 22^2 + 25^1 = 28 + 61 + 210 + 222 + 251 \end{aligned}$$

$$\begin{aligned} 772 &:= 2^8 + 7^1 + 21^0 + 22^2 + 24^1 = 28 + 71 + 210 + 222 + 241 \\ 772 &:= 2^8 + 8^1 + 21^0 + 22^2 + 23^1 = 28 + 81 + 210 + 222 + 231 \\ 772 &:= 2^8 + 9^1 + 21^0 + 22^1 + 22^2 = 28 + 91 + 210 + 221 + 222 \end{aligned}$$

2.2.674 Number 773

$$\begin{aligned} 773 &:= 7^0 + 27^2 + 43^1 = 70 + 272 + 431 \\ 773 &:= 1^0 + 7^0 + 27^2 + 42^1 = 10 + 70 + 272 + 421 \\ 773 &:= 1^6 + 3^6 + 30^0 + 42^1 = 16 + 36 + 300 + 421 \\ 773 &:= 1^9 + 9^3 + 24^0 + 42^1 = 19 + 93 + 240 + 421 \\ 773 &:= 2^0 + 6^0 + 27^2 + 42^1 = 20 + 60 + 272 + 421 \\ 773 &:= 2^2 + 2^8 + 8^3 + 64^0 = 22 + 28 + 83 + 640 \\ 773 &:= 2^2 + 2^9 + 16^2 + 56^0 = 22 + 29 + 162 + 560 \\ 773 &:= 2^4 + 3^3 + 3^6 + 68^0 = 24 + 33 + 36 + 680 \\ 773 &:= 2^5 + 2^6 + 26^2 + 46^0 = 25 + 26 + 262 + 460 \\ 773 &:= 2^6 + 2^7 + 2^9 + 69^1 = 26 + 27 + 29 + 691 \\ 773 &:= 2^9 + 6^3 + 24^0 + 44^1 = 29 + 63 + 240 + 441 \\ 773 &:= 2^9 + 8^2 + 14^2 + 52^0 = 29 + 82 + 142 + 520 \\ 773 &:= 3^0 + 5^0 + 27^2 + 42^1 = 30 + 50 + 272 + 421 \\ 773 &:= 4^0 + 4^0 + 27^2 + 42^1 = 40 + 40 + 272 + 421 \\ 773 &:= 1^6 + 2^4 + 20^0 + 26^1 + 27^2 = 16 + 24 + 200 + 261 + 272 \\ 773 &:= 1^7 + 5^3 + 21^1 + 24^0 + 25^2 = 17 + 53 + 211 + 240 + 252 \\ 773 &:= 1^7 + 6^3 + 20^0 + 23^2 + 26^1 = 17 + 63 + 200 + 232 + 261 \\ 773 &:= 1^8 + 10^1 + 19^2 + 20^2 + 26^0 = 18 + 101 + 192 + 202 + 260 \\ 773 &:= 1^8 + 11^2 + 14^0 + 25^1 + 25^2 = 18 + 112 + 140 + 251 + 252 \\ 773 &:= 1^8 + 12^0 + 13^2 + 24^2 + 26^1 = 18 + 120 + 132 + 242 + 261 \\ 773 &:= 1^8 + 15^2 + 17^1 + 20^0 + 23^2 = 18 + 152 + 171 + 200 + 232 \\ 773 &:= 1^8 + 4^2 + 18^0 + 26^1 + 27^2 = 18 + 42 + 180 + 261 + 272 \\ 773 &:= 1^8 + 5^2 + 17^1 + 26^0 + 27^2 = 18 + 52 + 171 + 260 + 272 \\ 773 &:= 1^8 + 9^2 + 14^1 + 26^0 + 26^2 = 18 + 92 + 141 + 260 + 262 \\ 773 &:= 1^8 + 9^3 + 15^1 + 24^0 + 27^1 = 18 + 93 + 151 + 240 + 271 \\ 773 &:= 1^8 + 9^3 + 16^1 + 24^0 + 26^1 = 18 + 93 + 161 + 240 + 261 \end{aligned}$$

$$\begin{aligned} 773 &:= 1^8 + 9^3 + 17^1 + 24^0 + 25^1 = 18 + 93 + 171 + 240 + 251 \\ 773 &:= 1^8 + 9^3 + 18^1 + 24^0 + 24^1 = 18 + 93 + 181 + 240 + 241 \\ 773 &:= 1^8 + 9^3 + 19^1 + 23^1 + 24^0 = 18 + 93 + 191 + 231 + 240 \\ 773 &:= 1^8 + 9^3 + 20^1 + 22^1 + 24^0 = 18 + 93 + 201 + 221 + 240 \\ 773 &:= 1^8 + 9^3 + 21^1 + 21^1 + 24^0 = 18 + 93 + 211 + 211 + 240 \\ 773 &:= 1^9 + 6^0 + 15^1 + 27^1 + 27^2 = 19 + 60 + 151 + 271 + 272 \\ 773 &:= 1^9 + 6^0 + 16^1 + 26^1 + 27^2 = 19 + 60 + 161 + 261 + 272 \\ 773 &:= 1^9 + 6^0 + 17^1 + 25^1 + 27^2 = 19 + 60 + 171 + 251 + 272 \\ 773 &:= 1^9 + 6^0 + 18^1 + 24^1 + 27^2 = 19 + 60 + 181 + 241 + 272 \\ 773 &:= 1^9 + 6^0 + 19^1 + 23^1 + 27^2 = 19 + 60 + 191 + 231 + 272 \\ 773 &:= 1^9 + 6^0 + 20^1 + 22^1 + 27^2 = 19 + 60 + 201 + 221 + 272 \\ 773 &:= 1^9 + 6^0 + 21^1 + 21^1 + 27^2 = 19 + 60 + 211 + 211 + 272 \\ 773 &:= 2^8 + 13^2 + 18^2 + 20^0 + 23^1 = 28 + 132 + 182 + 200 + 231 \\ 773 &:= 2^8 + 3^2 + 22^2 + 23^1 + 26^0 = 28 + 32 + 222 + 231 + 260 \\ 773 &:= 2^8 + 7^2 + 20^0 + 21^2 + 26^1 = 28 + 72 + 200 + 212 + 261 \\ 773 &:= 2^9 + 10^1 + 15^2 + 24^0 + 25^1 = 29 + 101 + 152 + 240 + 251 \\ 773 &:= 2^9 + 11^1 + 15^2 + 24^0 + 24^1 = 29 + 111 + 152 + 240 + 241 \\ 773 &:= 2^9 + 12^1 + 15^2 + 23^1 + 24^0 = 29 + 121 + 152 + 231 + 240 \\ 773 &:= 2^9 + 13^1 + 15^2 + 22^1 + 24^0 = 29 + 131 + 152 + 221 + 240 \\ 773 &:= 2^9 + 14^1 + 15^2 + 21^1 + 24^0 = 29 + 141 + 152 + 211 + 240 \\ 773 &:= 2^9 + 15^1 + 15^2 + 20^1 + 24^0 = 29 + 151 + 152 + 201 + 240 \\ 773 &:= 2^9 + 15^2 + 16^1 + 19^1 + 24^0 = 29 + 152 + 161 + 191 + 240 \\ 773 &:= 2^9 + 15^2 + 17^1 + 18^1 + 24^0 = 29 + 152 + 171 + 181 + 240 \\ 773 &:= 2^9 + 8^1 + 15^2 + 24^0 + 27^1 = 29 + 81 + 152 + 240 + 271 \\ 773 &:= 2^9 + 9^1 + 15^2 + 24^0 + 26^1 = 29 + 91 + 152 + 240 + 261 \end{aligned}$$

2.2.675 Number 774

$$\begin{aligned} 774 &:= 17^2 + 22^2 + 38^0 = 172 + 222 + 380 \\ 774 &:= 9^3 + 24^0 + 44^1 = 93 + 240 + 441 \\ 774 &:= 1^0 + 14^2 + 24^2 + 38^0 = 10 + 142 + 242 + 380 \end{aligned}$$

$$\begin{aligned} 774 &:= 1^0 + 9^3 + 24^0 + 43^1 = 10 + 93 + 240 + 431 \\ 774 &:= 1^1 + 6^0 + 27^2 + 43^1 = 11 + 60 + 272 + 431 \\ 774 &:= 1^5 + 3^4 + 5^4 + 67^1 = 15 + 34 + 54 + 671 \end{aligned}$$

$774 := 1^7 + 3^5 + 23^2 + 49^0$	$= 17 + 35 + 232 + 490$	$774 := 6^0 + 19^1 + 25^1 + 27^2$	$= 60 + 191 + 251 + 272$
$774 := 1^7 + 3^6 + 29^0 + 43^1$	$= 17 + 36 + 290 + 431$	$774 := 6^0 + 20^1 + 24^1 + 27^2$	$= 60 + 201 + 241 + 272$
$774 := 10^0 + 14^2 + 24^2 + 29^0$	$= 100 + 142 + 242 + 290$	$774 := 6^0 + 21^1 + 23^1 + 27^2$	$= 60 + 211 + 231 + 272$
$774 := 11^0 + 14^2 + 24^2 + 28^0$	$= 110 + 142 + 242 + 280$	$774 := 6^0 + 22^1 + 22^1 + 27^2$	$= 60 + 221 + 221 + 272$
$774 := 12^0 + 14^2 + 24^2 + 27^0$	$= 120 + 142 + 242 + 270$	$774 := 6^0 + 6^1 + 27^2 + 38^1$	$= 60 + 61 + 272 + 381$
$774 := 13^0 + 14^2 + 24^2 + 26^0$	$= 130 + 142 + 242 + 260$	$774 := 6^0 + 7^1 + 27^2 + 37^1$	$= 60 + 71 + 272 + 371$
$774 := 14^0 + 14^2 + 24^2 + 25^0$	$= 140 + 142 + 242 + 250$	$774 := 6^0 + 8^1 + 27^2 + 36^1$	$= 60 + 81 + 272 + 361$
$774 := 14^2 + 15^0 + 24^0 + 24^2$	$= 142 + 150 + 240 + 242$	$774 := 6^0 + 9^1 + 27^2 + 35^1$	$= 60 + 91 + 272 + 351$
$774 := 14^2 + 16^0 + 23^0 + 24^2$	$= 142 + 160 + 230 + 242$	$774 := 6^0 + 9^3 + 19^0 + 43^1$	$= 60 + 93 + 190 + 431$
$774 := 14^2 + 17^0 + 22^0 + 24^2$	$= 142 + 170 + 220 + 242$	$774 := 7^0 + 14^2 + 24^2 + 32^0$	$= 70 + 142 + 242 + 320$
$774 := 14^2 + 18^0 + 21^0 + 24^2$	$= 142 + 180 + 210 + 242$	$774 := 7^0 + 9^3 + 18^0 + 43^1$	$= 70 + 93 + 180 + 431$
$774 := 14^2 + 19^0 + 20^0 + 24^2$	$= 142 + 190 + 200 + 242$	$774 := 8^0 + 14^2 + 24^2 + 31^0$	$= 80 + 142 + 242 + 310$
$774 := 2^0 + 14^2 + 24^2 + 37^0$	$= 20 + 142 + 242 + 370$	$774 := 8^0 + 9^3 + 17^0 + 43^1$	$= 80 + 93 + 170 + 431$
$774 := 2^0 + 9^3 + 23^0 + 43^1$	$= 20 + 93 + 230 + 431$	$774 := 9^0 + 14^2 + 24^2 + 30^0$	$= 90 + 142 + 242 + 300$
$774 := 2^1 + 6^0 + 27^2 + 42^1$	$= 21 + 60 + 272 + 421$	$774 := 9^0 + 9^3 + 16^0 + 43^1$	$= 90 + 93 + 160 + 431$
$774 := 2^8 + 3^3 + 21^2 + 50^1$	$= 28 + 33 + 212 + 501$	$774 := 9^3 + 10^0 + 15^0 + 43^1$	$= 93 + 100 + 150 + 431$
$774 := 2^9 + 3^2 + 14^2 + 57^1$	$= 29 + 32 + 142 + 571$	$774 := 9^3 + 11^0 + 14^0 + 43^1$	$= 93 + 110 + 140 + 431$
$774 := 2^9 + 4^4 + 5^1 + 65^0$	$= 29 + 44 + 51 + 650$	$774 := 9^3 + 12^0 + 13^0 + 43^1$	$= 93 + 120 + 130 + 431$
$774 := 2^9 + 8^2 + 12^2 + 54^1$	$= 29 + 82 + 122 + 541$	$774 := 1^0 + 6^0 + 16^1 + 27^1 + 27^2$	$= 10 + 60 + 161 + 271 + 272$
$774 := 3^0 + 14^2 + 24^2 + 36^0$	$= 30 + 142 + 242 + 360$	$774 := 1^0 + 6^0 + 17^1 + 26^1 + 27^2$	$= 10 + 60 + 171 + 261 + 272$
$774 := 3^0 + 9^3 + 22^0 + 43^1$	$= 30 + 93 + 220 + 431$	$774 := 1^0 + 6^0 + 18^1 + 25^1 + 27^2$	$= 10 + 60 + 181 + 251 + 272$
$774 := 3^1 + 6^0 + 27^2 + 41^1$	$= 31 + 60 + 272 + 411$	$774 := 1^0 + 6^0 + 19^1 + 24^1 + 27^2$	$= 10 + 60 + 191 + 241 + 272$
$774 := 4^0 + 14^2 + 24^2 + 35^0$	$= 40 + 142 + 242 + 350$	$774 := 1^0 + 6^0 + 20^1 + 23^1 + 27^2$	$= 10 + 60 + 201 + 231 + 272$
$774 := 4^0 + 9^3 + 21^0 + 43^1$	$= 40 + 93 + 210 + 431$	$774 := 1^0 + 6^0 + 21^1 + 22^1 + 27^2$	$= 10 + 60 + 211 + 221 + 272$
$774 := 4^1 + 6^0 + 27^2 + 40^1$	$= 41 + 60 + 272 + 401$	$774 := 1^7 + 2^4 + 19^0 + 27^1 + 27^2$	$= 17 + 24 + 190 + 271 + 272$
$774 := 5^0 + 14^2 + 24^2 + 34^0$	$= 50 + 142 + 242 + 340$	$774 := 1^8 + 5^3 + 22^1 + 23^0 + 25^2$	$= 18 + 53 + 221 + 230 + 252$
$774 := 5^0 + 9^3 + 20^0 + 43^1$	$= 50 + 93 + 200 + 431$	$774 := 1^8 + 6^3 + 19^0 + 23^2 + 27^1$	$= 18 + 63 + 190 + 232 + 271$
$774 := 5^1 + 6^0 + 27^2 + 39^1$	$= 51 + 60 + 272 + 391$	$774 := 1^9 + 11^0 + 13^2 + 24^2 + 27^1$	$= 19 + 110 + 132 + 242 + 271$
$774 := 6^0 + 10^1 + 27^2 + 34^1$	$= 60 + 101 + 272 + 341$	$774 := 1^9 + 11^1 + 19^2 + 20^2 + 25^0$	$= 19 + 111 + 192 + 202 + 250$
$774 := 6^0 + 11^1 + 27^2 + 33^1$	$= 60 + 111 + 272 + 331$	$774 := 1^9 + 11^2 + 13^0 + 25^2 + 26^1$	$= 19 + 112 + 130 + 252 + 261$
$774 := 6^0 + 12^1 + 27^2 + 32^1$	$= 60 + 121 + 272 + 321$	$774 := 1^9 + 15^2 + 18^1 + 19^0 + 23^2$	$= 19 + 152 + 181 + 190 + 232$
$774 := 6^0 + 13^1 + 27^2 + 31^1$	$= 60 + 131 + 272 + 311$	$774 := 1^9 + 4^2 + 17^0 + 27^1 + 27^2$	$= 19 + 42 + 170 + 271 + 272$
$774 := 6^0 + 14^1 + 27^2 + 30^1$	$= 60 + 141 + 272 + 301$	$774 := 1^9 + 5^2 + 18^1 + 25^0 + 27^2$	$= 19 + 52 + 181 + 250 + 272$
$774 := 6^0 + 14^2 + 24^2 + 33^0$	$= 60 + 142 + 242 + 330$	$774 := 1^9 + 9^2 + 15^1 + 25^0 + 26^2$	$= 19 + 92 + 151 + 250 + 262$
$774 := 6^0 + 15^1 + 27^2 + 29^1$	$= 60 + 151 + 272 + 291$	$774 := 1^9 + 9^3 + 16^1 + 23^0 + 27^1$	$= 19 + 93 + 161 + 230 + 271$
$774 := 6^0 + 16^1 + 27^2 + 28^1$	$= 60 + 161 + 272 + 281$	$774 := 1^9 + 9^3 + 17^1 + 23^0 + 26^1$	$= 19 + 93 + 171 + 230 + 261$
$774 := 6^0 + 17^1 + 27^1 + 27^2$	$= 60 + 171 + 271 + 272$	$774 := 1^9 + 9^3 + 18^1 + 23^0 + 25^1$	$= 19 + 93 + 181 + 230 + 251$
$774 := 6^0 + 18^1 + 26^1 + 27^2$	$= 60 + 181 + 261 + 272$	$774 := 1^9 + 9^3 + 19^1 + 23^0 + 24^1$	$= 19 + 93 + 191 + 230 + 241$

$$\begin{aligned}
 774 &:= 1^9 + 9^3 + 20^1 + 23^0 + 23^1 = 19 + 93 + 201 + 230 + 231 \\
 774 &:= 1^9 + 9^3 + 21^1 + 22^1 + 23^0 = 19 + 93 + 211 + 221 + 230 \\
 774 &:= 2^0 + 5^0 + 16^1 + 27^1 + 27^2 = 20 + 50 + 161 + 271 + 272 \\
 774 &:= 2^0 + 5^0 + 17^1 + 26^1 + 27^2 = 20 + 50 + 171 + 261 + 272 \\
 774 &:= 2^0 + 5^0 + 18^1 + 25^1 + 27^2 = 20 + 50 + 181 + 251 + 272 \\
 774 &:= 2^0 + 5^0 + 19^1 + 24^1 + 27^2 = 20 + 50 + 191 + 241 + 272 \\
 774 &:= 2^0 + 5^0 + 20^1 + 23^1 + 27^2 = 20 + 50 + 201 + 231 + 272 \\
 774 &:= 2^0 + 5^0 + 21^1 + 22^1 + 27^2 = 20 + 50 + 211 + 221 + 272 \\
 774 &:= 2^3 + 2^8 + 22^2 + 25^0 + 25^1 = 23 + 28 + 222 + 250 + 251 \\
 774 &:= 2^6 + 3^5 + 21^2 + 25^0 + 25^1 = 26 + 35 + 212 + 250 + 251 \\
 774 &:= 2^9 + 6^3 + 18^1 + 23^0 + 27^1 = 29 + 63 + 181 + 230 + 271
 \end{aligned}$$

$$\begin{aligned}
 774 &:= 2^9 + 6^3 + 19^1 + 23^0 + 26^1 = 29 + 63 + 191 + 230 + 261 \\
 774 &:= 2^9 + 6^3 + 20^1 + 23^0 + 25^1 = 29 + 63 + 201 + 230 + 251 \\
 774 &:= 2^9 + 6^3 + 21^1 + 23^0 + 24^1 = 29 + 63 + 211 + 230 + 241 \\
 774 &:= 2^9 + 6^3 + 22^1 + 23^0 + 23^1 = 29 + 63 + 221 + 230 + 231 \\
 774 &:= 3^0 + 4^0 + 16^1 + 27^1 + 27^2 = 30 + 40 + 161 + 271 + 272 \\
 774 &:= 3^0 + 4^0 + 17^1 + 26^1 + 27^2 = 30 + 40 + 171 + 261 + 272 \\
 774 &:= 3^0 + 4^0 + 18^1 + 25^1 + 27^2 = 30 + 40 + 181 + 251 + 272 \\
 774 &:= 3^0 + 4^0 + 19^1 + 24^1 + 27^2 = 30 + 40 + 191 + 241 + 272 \\
 774 &:= 3^0 + 4^0 + 20^1 + 23^1 + 27^2 = 30 + 40 + 201 + 231 + 272 \\
 774 &:= 3^0 + 4^0 + 21^1 + 22^1 + 27^2 = 30 + 40 + 211 + 221 + 272
 \end{aligned}$$

2.2.676 Number 775

$$\begin{aligned}
 775 &:= 1^1 + 17^2 + 22^2 + 37^0 = 11 + 172 + 222 + 370 \\
 775 &:= 1^1 + 9^3 + 23^0 + 44^1 = 11 + 93 + 230 + 441 \\
 775 &:= 1^2 + 5^0 + 27^2 + 44^1 = 12 + 50 + 272 + 441 \\
 775 &:= 1^8 + 3^6 + 28^0 + 44^1 = 18 + 36 + 280 + 441 \\
 775 &:= 11^0 + 13^2 + 24^2 + 29^1 = 110 + 132 + 242 + 291 \\
 775 &:= 11^2 + 13^0 + 25^2 + 28^1 = 112 + 130 + 252 + 281 \\
 775 &:= 13^1 + 19^2 + 20^2 + 25^0 = 131 + 192 + 202 + 250 \\
 775 &:= 15^2 + 19^0 + 20^1 + 23^2 = 152 + 190 + 201 + 232 \\
 775 &:= 2^1 + 14^2 + 24^2 + 37^0 = 21 + 142 + 242 + 370 \\
 775 &:= 2^1 + 9^3 + 23^0 + 43^1 = 21 + 93 + 230 + 431 \\
 775 &:= 2^2 + 7^0 + 27^2 + 41^1 = 22 + 70 + 272 + 411 \\
 775 &:= 2^9 + 3^5 + 19^1 + 52^0 = 29 + 35 + 191 + 520 \\
 775 &:= 3^1 + 9^3 + 23^0 + 42^1 = 31 + 93 + 230 + 421 \\
 775 &:= 3^2 + 11^0 + 27^2 + 36^1 = 32 + 110 + 272 + 361 \\
 775 &:= 4^1 + 9^3 + 23^0 + 41^1 = 41 + 93 + 230 + 411 \\
 775 &:= 4^2 + 17^0 + 27^2 + 29^1 = 42 + 170 + 272 + 291 \\
 775 &:= 5^0 + 16^2 + 22^2 + 34^1 = 50 + 162 + 222 + 341 \\
 775 &:= 5^1 + 12^2 + 25^2 + 35^0 = 51 + 122 + 252 + 350 \\
 775 &:= 5^1 + 9^3 + 23^0 + 40^1 = 51 + 93 + 230 + 401 \\
 775 &:= 5^2 + 20^1 + 25^0 + 27^2 = 52 + 201 + 250 + 272 \\
 775 &:= 6^1 + 9^3 + 23^0 + 39^1 = 61 + 93 + 230 + 391 \\
 775 &:= 6^2 + 9^1 + 27^2 + 35^0 = 62 + 91 + 272 + 350 \\
 775 &:= 7^1 + 9^3 + 23^0 + 38^1 = 71 + 93 + 230 + 381 \\
 775 &:= 8^1 + 9^3 + 23^0 + 37^1 = 81 + 93 + 230 + 371
 \end{aligned}$$

$$\begin{aligned}
 775 &:= 8^2 + 9^0 + 26^2 + 34^1 = 82 + 90 + 262 + 341 \\
 775 &:= 9^1 + 18^2 + 21^2 + 29^0 = 91 + 182 + 212 + 290 \\
 775 &:= 9^1 + 9^3 + 23^0 + 36^1 = 91 + 93 + 230 + 361 \\
 775 &:= 9^2 + 17^1 + 25^0 + 26^2 = 92 + 171 + 250 + 262 \\
 775 &:= 9^3 + 10^1 + 23^0 + 35^1 = 93 + 101 + 230 + 351 \\
 775 &:= 9^3 + 11^1 + 23^0 + 34^1 = 93 + 111 + 230 + 341 \\
 775 &:= 9^3 + 12^1 + 23^0 + 33^1 = 93 + 121 + 230 + 331 \\
 775 &:= 9^3 + 13^1 + 23^0 + 32^1 = 93 + 131 + 230 + 321 \\
 775 &:= 9^3 + 14^1 + 23^0 + 31^1 = 93 + 141 + 230 + 311 \\
 775 &:= 9^3 + 15^1 + 23^0 + 30^1 = 93 + 151 + 230 + 301 \\
 775 &:= 9^3 + 16^1 + 23^0 + 29^1 = 93 + 161 + 230 + 291 \\
 775 &:= 9^3 + 17^1 + 23^0 + 28^1 = 93 + 171 + 230 + 281 \\
 775 &:= 9^3 + 18^1 + 23^0 + 27^1 = 93 + 181 + 230 + 271 \\
 775 &:= 9^3 + 19^1 + 23^0 + 26^1 = 93 + 191 + 230 + 261 \\
 775 &:= 9^3 + 20^1 + 23^0 + 25^1 = 93 + 201 + 230 + 251 \\
 775 &:= 9^3 + 21^1 + 23^0 + 24^1 = 93 + 211 + 230 + 241 \\
 775 &:= 9^3 + 22^1 + 23^0 + 23^1 = 93 + 221 + 230 + 231 \\
 775 &:= 1^0 + 11^2 + 13^0 + 25^2 + 27^1 = 10 + 112 + 130 + 252 + 271 \\
 775 &:= 1^0 + 12^1 + 19^2 + 20^2 + 25^0 = 10 + 121 + 192 + 202 + 250 \\
 775 &:= 1^0 + 15^2 + 19^0 + 19^1 + 23^2 = 10 + 152 + 190 + 191 + 232 \\
 775 &:= 1^0 + 5^2 + 19^1 + 25^0 + 27^2 = 10 + 52 + 191 + 250 + 272 \\
 775 &:= 1^0 + 9^2 + 16^1 + 25^0 + 26^2 = 10 + 92 + 161 + 250 + 262 \\
 775 &:= 1^0 + 9^3 + 17^1 + 23^0 + 27^1 = 10 + 93 + 171 + 230 + 271 \\
 775 &:= 1^0 + 9^3 + 18^1 + 23^0 + 26^1 = 10 + 93 + 181 + 230 + 261
 \end{aligned}$$

$775 := 1^0 + 9^3 + 19^1 + 23^0 + 25^1 = 10 + 93 + 191 + 230 + 251$	$775 := 2^0 + 9^3 + 22^0 + 22^1 + 22^1 = 20 + 93 + 220 + 221 + 221$
$775 := 1^0 + 9^3 + 20^1 + 23^0 + 24^1 = 10 + 93 + 201 + 230 + 241$	$775 := 2^1 + 5^0 + 16^1 + 27^1 + 27^2 = 21 + 50 + 161 + 271 + 272$
$775 := 1^0 + 9^3 + 21^1 + 23^0 + 23^1 = 10 + 93 + 211 + 230 + 231$	$775 := 2^1 + 5^0 + 17^1 + 26^1 + 27^2 = 21 + 50 + 171 + 261 + 272$
$775 := 1^0 + 9^3 + 22^1 + 22^1 + 23^0 = 10 + 93 + 221 + 221 + 230$	$775 := 2^1 + 5^0 + 18^1 + 25^1 + 27^2 = 21 + 50 + 181 + 251 + 272$
$775 := 1^1 + 11^0 + 14^2 + 24^2 + 27^0 = 11 + 110 + 142 + 242 + 270$	$775 := 2^1 + 5^0 + 19^1 + 24^1 + 27^2 = 21 + 50 + 191 + 241 + 272$
$775 := 1^1 + 12^0 + 14^2 + 24^2 + 26^0 = 11 + 120 + 142 + 242 + 260$	$775 := 2^1 + 5^0 + 20^1 + 23^1 + 27^2 = 21 + 50 + 201 + 231 + 272$
$775 := 1^1 + 13^0 + 14^2 + 24^2 + 25^0 = 11 + 130 + 142 + 242 + 250$	$775 := 2^1 + 5^0 + 21^1 + 22^1 + 27^2 = 21 + 50 + 211 + 221 + 272$
$775 := 1^1 + 14^0 + 14^2 + 24^0 + 24^2 = 11 + 140 + 142 + 240 + 242$	$775 := 2^6 + 2^6 + 21^1 + 25^2 + 26^0 = 26 + 26 + 211 + 252 + 260$
$775 := 1^1 + 14^2 + 15^0 + 23^0 + 24^2 = 11 + 142 + 150 + 230 + 242$	$775 := 2^9 + 3^5 + 18^1 + 26^0 + 27^0 = 29 + 35 + 181 + 260 + 270$
$775 := 1^1 + 14^2 + 16^0 + 22^0 + 24^2 = 11 + 142 + 160 + 220 + 242$	$775 := 3^0 + 11^0 + 11^2 + 25^2 + 27^1 = 30 + 110 + 112 + 252 + 271$
$775 := 1^1 + 14^2 + 17^0 + 21^0 + 24^2 = 11 + 142 + 170 + 210 + 242$	$775 := 3^0 + 12^1 + 19^2 + 20^2 + 23^0 = 30 + 121 + 192 + 202 + 230$
$775 := 1^1 + 14^2 + 18^0 + 20^0 + 24^2 = 11 + 142 + 180 + 200 + 242$	$775 := 3^0 + 15^2 + 17^0 + 19^1 + 23^2 = 30 + 152 + 170 + 191 + 232$
$775 := 1^1 + 14^2 + 19^0 + 19^0 + 24^2 = 11 + 142 + 190 + 190 + 242$	$775 := 3^0 + 5^2 + 19^1 + 23^0 + 27^2 = 30 + 52 + 191 + 230 + 272$
$775 := 1^1 + 5^0 + 17^1 + 27^1 + 27^2 = 11 + 50 + 171 + 271 + 272$	$775 := 3^0 + 8^1 + 18^2 + 21^2 + 27^0 = 30 + 81 + 182 + 212 + 270$
$775 := 1^1 + 5^0 + 18^1 + 26^1 + 27^2 = 11 + 50 + 181 + 261 + 272$	$775 := 3^0 + 9^2 + 16^1 + 23^0 + 26^2 = 30 + 92 + 161 + 230 + 262$
$775 := 1^1 + 5^0 + 19^1 + 25^1 + 27^2 = 11 + 50 + 191 + 251 + 272$	$775 := 3^0 + 9^3 + 17^1 + 21^0 + 27^1 = 30 + 93 + 171 + 210 + 271$
$775 := 1^1 + 5^0 + 20^1 + 24^1 + 27^2 = 11 + 50 + 201 + 241 + 272$	$775 := 3^0 + 9^3 + 18^1 + 21^0 + 26^1 = 30 + 93 + 181 + 210 + 261$
$775 := 1^1 + 5^0 + 21^1 + 23^1 + 27^2 = 11 + 50 + 211 + 231 + 272$	$775 := 3^0 + 9^3 + 19^1 + 21^0 + 25^1 = 30 + 93 + 191 + 210 + 251$
$775 := 1^1 + 5^0 + 22^1 + 22^1 + 27^2 = 11 + 50 + 221 + 221 + 272$	$775 := 3^0 + 9^3 + 20^1 + 21^0 + 24^1 = 30 + 93 + 201 + 210 + 241$
$775 := 1^8 + 3^5 + 22^0 + 23^2 + 27^0 = 18 + 35 + 220 + 232 + 270$	$775 := 3^0 + 9^3 + 21^0 + 21^1 + 23^1 = 30 + 93 + 210 + 211 + 231$
$775 := 1^8 + 3^5 + 23^0 + 23^2 + 26^0 = 18 + 35 + 230 + 232 + 260$	$775 := 3^0 + 9^3 + 21^0 + 22^1 + 22^1 = 30 + 93 + 210 + 221 + 221$
$775 := 1^8 + 3^5 + 23^2 + 24^0 + 25^0 = 18 + 35 + 232 + 240 + 250$	$775 := 3^1 + 5^0 + 15^1 + 27^1 + 27^2 = 31 + 50 + 151 + 271 + 272$
$775 := 1^9 + 5^3 + 22^0 + 23^1 + 25^2 = 19 + 53 + 220 + 231 + 252$	$775 := 3^1 + 5^0 + 16^1 + 26^1 + 27^2 = 31 + 50 + 161 + 261 + 272$
$775 := 10^0 + 10^0 + 15^2 + 19^1 + 23^2 = 100 + 100 + 152 + 191 + 232$	$775 := 3^1 + 5^0 + 17^1 + 25^1 + 27^2 = 31 + 50 + 171 + 251 + 272$
$775 := 10^0 + 12^1 + 16^0 + 19^2 + 20^2 = 100 + 121 + 160 + 192 + 202$	$775 := 3^1 + 5^0 + 18^1 + 24^1 + 27^2 = 31 + 50 + 181 + 241 + 272$
$775 := 11^0 + 12^1 + 15^0 + 19^2 + 20^2 = 110 + 121 + 150 + 192 + 202$	$775 := 3^1 + 5^0 + 19^1 + 23^1 + 27^2 = 31 + 50 + 191 + 231 + 272$
$775 := 12^0 + 12^1 + 14^0 + 19^2 + 20^2 = 120 + 121 + 140 + 192 + 202$	$775 := 3^1 + 5^0 + 20^1 + 22^1 + 27^2 = 31 + 50 + 201 + 221 + 272$
$775 := 12^1 + 13^0 + 13^0 + 19^2 + 20^2 = 121 + 130 + 130 + 192 + 202$	$775 := 3^1 + 5^0 + 21^1 + 21^1 + 27^2 = 31 + 50 + 211 + 211 + 272$
$775 := 2^0 + 11^2 + 12^0 + 25^2 + 27^1 = 20 + 112 + 120 + 252 + 271$	$775 := 4^0 + 10^0 + 11^2 + 25^2 + 27^1 = 40 + 100 + 112 + 252 + 271$
$775 := 2^0 + 12^1 + 19^2 + 20^2 + 24^0 = 20 + 121 + 192 + 202 + 240$	$775 := 4^0 + 12^1 + 19^2 + 20^2 + 22^0 = 40 + 121 + 192 + 202 + 220$
$775 := 2^0 + 15^2 + 18^0 + 19^1 + 23^2 = 20 + 152 + 180 + 191 + 232$	$775 := 4^0 + 15^2 + 16^0 + 19^1 + 23^2 = 40 + 152 + 160 + 191 + 232$
$775 := 2^0 + 5^2 + 19^1 + 24^0 + 27^2 = 20 + 52 + 191 + 240 + 272$	$775 := 4^0 + 5^2 + 19^1 + 22^0 + 27^2 = 40 + 52 + 191 + 220 + 272$
$775 := 2^0 + 9^2 + 16^1 + 24^0 + 26^2 = 20 + 92 + 161 + 240 + 262$	$775 := 4^0 + 8^1 + 18^2 + 21^2 + 26^0 = 40 + 81 + 182 + 212 + 260$
$775 := 2^0 + 9^3 + 17^1 + 22^0 + 27^1 = 20 + 93 + 171 + 220 + 271$	$775 := 4^0 + 9^2 + 16^1 + 22^0 + 26^2 = 40 + 92 + 161 + 220 + 262$
$775 := 2^0 + 9^3 + 18^1 + 22^0 + 26^1 = 20 + 93 + 181 + 220 + 261$	$775 := 4^0 + 9^3 + 17^1 + 20^0 + 27^1 = 40 + 93 + 171 + 200 + 271$
$775 := 2^0 + 9^3 + 19^1 + 22^0 + 25^1 = 20 + 93 + 191 + 220 + 251$	$775 := 4^0 + 9^3 + 18^1 + 20^0 + 26^1 = 40 + 93 + 181 + 200 + 261$
$775 := 2^0 + 9^3 + 20^1 + 22^0 + 24^1 = 20 + 93 + 201 + 220 + 241$	$775 := 4^0 + 9^3 + 19^1 + 20^0 + 25^1 = 40 + 93 + 191 + 200 + 251$
$775 := 2^0 + 9^3 + 21^1 + 22^0 + 23^1 = 20 + 93 + 211 + 220 + 231$	$775 := 4^0 + 9^3 + 20^0 + 20^1 + 24^1 = 40 + 93 + 200 + 201 + 241$

$$\begin{aligned} 775 &:= 4^0 + 9^3 + 20^0 + 21^1 + 23^1 = 40 + 93 + 200 + 211 + 231 & 775 &:= 5^0 + 12^1 + 16^1 + 17^1 + 27^2 = 50 + 121 + 161 + 171 + 272 \\ 775 &:= 4^0 + 9^3 + 20^0 + 22^1 + 22^1 = 40 + 93 + 200 + 221 + 221 & 775 &:= 5^0 + 12^1 + 19^2 + 20^2 + 21^0 = 50 + 121 + 192 + 202 + 210 \\ 775 &:= 4^1 + 10^0 + 12^2 + 25^2 + 26^0 = 41 + 100 + 122 + 252 + 260 & 775 &:= 5^0 + 13^1 + 13^1 + 19^1 + 27^2 = 50 + 131 + 131 + 191 + 272 \\ 775 &:= 4^1 + 11^0 + 12^2 + 25^0 + 25^2 = 41 + 110 + 122 + 250 + 252 & 775 &:= 5^0 + 13^1 + 14^1 + 18^1 + 27^2 = 50 + 131 + 141 + 181 + 272 \\ 775 &:= 4^1 + 12^0 + 12^2 + 24^0 + 25^2 = 41 + 120 + 122 + 240 + 252 & 775 &:= 5^0 + 13^1 + 15^1 + 17^1 + 27^2 = 50 + 131 + 151 + 171 + 272 \\ 775 &:= 4^1 + 12^2 + 13^0 + 23^0 + 25^2 = 41 + 122 + 130 + 230 + 252 & 775 &:= 5^0 + 13^1 + 16^1 + 16^1 + 27^2 = 50 + 131 + 161 + 161 + 272 \\ 775 &:= 4^1 + 12^2 + 14^0 + 22^0 + 25^2 = 41 + 122 + 140 + 220 + 252 & 775 &:= 5^0 + 14^1 + 14^1 + 17^1 + 27^2 = 50 + 141 + 141 + 171 + 272 \\ 775 &:= 4^1 + 12^2 + 15^0 + 21^0 + 25^2 = 41 + 122 + 150 + 210 + 252 & 775 &:= 5^0 + 14^1 + 15^1 + 16^1 + 27^2 = 50 + 141 + 151 + 161 + 272 \\ 775 &:= 4^1 + 12^2 + 16^0 + 20^0 + 25^2 = 41 + 122 + 160 + 200 + 252 & 775 &:= 5^0 + 15^0 + 15^2 + 19^1 + 23^2 = 50 + 150 + 152 + 191 + 232 \\ 775 &:= 4^1 + 12^2 + 17^0 + 19^0 + 25^2 = 41 + 122 + 170 + 190 + 252 & 775 &:= 5^0 + 15^1 + 15^1 + 15^1 + 27^2 = 50 + 151 + 151 + 151 + 272 \\ 775 &:= 4^1 + 12^2 + 18^0 + 18^0 + 25^2 = 41 + 122 + 180 + 180 + 252 & 775 &:= 5^0 + 5^1 + 13^1 + 27^1 + 27^2 = 50 + 51 + 131 + 271 + 272 \\ 775 &:= 4^1 + 5^0 + 14^1 + 27^1 + 27^2 = 41 + 50 + 141 + 271 + 272 & 775 &:= 5^0 + 5^1 + 14^1 + 26^1 + 27^2 = 50 + 51 + 141 + 261 + 272 \\ 775 &:= 4^1 + 5^0 + 15^1 + 26^1 + 27^2 = 41 + 50 + 151 + 261 + 272 & 775 &:= 5^0 + 5^1 + 15^1 + 25^1 + 27^2 = 50 + 51 + 151 + 251 + 272 \\ 775 &:= 4^1 + 5^0 + 16^1 + 25^1 + 27^2 = 41 + 50 + 161 + 251 + 272 & 775 &:= 5^0 + 5^1 + 16^1 + 24^1 + 27^2 = 50 + 51 + 161 + 241 + 272 \\ 775 &:= 4^1 + 5^0 + 17^1 + 24^1 + 27^2 = 41 + 50 + 171 + 241 + 272 & 775 &:= 5^0 + 5^1 + 17^1 + 23^1 + 27^2 = 50 + 51 + 171 + 231 + 272 \\ 775 &:= 4^1 + 5^0 + 18^1 + 23^1 + 27^2 = 41 + 50 + 181 + 231 + 272 & 775 &:= 5^0 + 5^1 + 18^1 + 22^1 + 27^2 = 50 + 51 + 181 + 221 + 272 \\ 775 &:= 4^1 + 5^0 + 19^1 + 22^1 + 27^2 = 41 + 50 + 191 + 221 + 272 & 775 &:= 5^0 + 5^1 + 19^1 + 21^1 + 27^2 = 50 + 51 + 191 + 211 + 272 \\ 775 &:= 4^1 + 5^0 + 20^1 + 21^1 + 27^2 = 41 + 50 + 201 + 211 + 272 & 775 &:= 5^0 + 5^1 + 20^1 + 20^1 + 27^2 = 50 + 51 + 201 + 201 + 272 \\ 775 &:= 4^1 + 9^0 + 12^2 + 25^2 + 27^0 = 41 + 90 + 122 + 252 + 270 & 775 &:= 5^0 + 5^2 + 19^1 + 21^0 + 27^2 = 50 + 52 + 191 + 210 + 272 \\ 775 &:= 5^0 + 10^1 + 10^1 + 25^1 + 27^2 = 50 + 101 + 101 + 251 + 272 & 775 &:= 5^0 + 6^1 + 12^1 + 27^1 + 27^2 = 50 + 61 + 121 + 271 + 272 \\ 775 &:= 5^0 + 10^1 + 11^1 + 24^1 + 27^2 = 50 + 101 + 111 + 241 + 272 & 775 &:= 5^0 + 6^1 + 13^1 + 26^1 + 27^2 = 50 + 61 + 131 + 261 + 272 \\ 775 &:= 5^0 + 10^1 + 12^1 + 23^1 + 27^2 = 50 + 101 + 121 + 231 + 272 & 775 &:= 5^0 + 6^1 + 14^1 + 25^1 + 27^2 = 50 + 61 + 141 + 251 + 272 \\ 775 &:= 5^0 + 10^1 + 13^1 + 22^1 + 27^2 = 50 + 101 + 131 + 221 + 272 & 775 &:= 5^0 + 6^1 + 15^1 + 24^1 + 27^2 = 50 + 61 + 151 + 241 + 272 \\ 775 &:= 5^0 + 10^1 + 14^1 + 21^1 + 27^2 = 50 + 101 + 141 + 211 + 272 & 775 &:= 5^0 + 6^1 + 16^1 + 23^1 + 27^2 = 50 + 61 + 161 + 231 + 272 \\ 775 &:= 5^0 + 10^1 + 15^1 + 20^1 + 27^2 = 50 + 101 + 151 + 201 + 272 & 775 &:= 5^0 + 6^1 + 17^1 + 22^1 + 27^2 = 50 + 61 + 171 + 221 + 272 \\ 775 &:= 5^0 + 10^1 + 16^1 + 19^1 + 27^2 = 50 + 101 + 161 + 191 + 272 & 775 &:= 5^0 + 6^1 + 18^1 + 21^1 + 27^2 = 50 + 61 + 181 + 211 + 272 \\ 775 &:= 5^0 + 10^1 + 17^1 + 18^1 + 27^2 = 50 + 101 + 171 + 181 + 272 & 775 &:= 5^0 + 6^1 + 19^1 + 20^1 + 27^2 = 50 + 61 + 191 + 201 + 272 \\ 775 &:= 5^0 + 11^1 + 11^1 + 23^1 + 27^2 = 50 + 111 + 111 + 231 + 272 & 775 &:= 5^0 + 7^1 + 11^1 + 27^1 + 27^2 = 50 + 71 + 111 + 271 + 272 \\ 775 &:= 5^0 + 11^1 + 12^1 + 22^1 + 27^2 = 50 + 111 + 121 + 221 + 272 & 775 &:= 5^0 + 7^1 + 12^1 + 26^1 + 27^2 = 50 + 71 + 121 + 261 + 272 \\ 775 &:= 5^0 + 11^1 + 13^1 + 21^1 + 27^2 = 50 + 111 + 131 + 211 + 272 & 775 &:= 5^0 + 7^1 + 13^1 + 25^1 + 27^2 = 50 + 71 + 131 + 251 + 272 \\ 775 &:= 5^0 + 11^1 + 14^1 + 20^1 + 27^2 = 50 + 111 + 141 + 201 + 272 & 775 &:= 5^0 + 7^1 + 14^1 + 24^1 + 27^2 = 50 + 71 + 141 + 241 + 272 \\ 775 &:= 5^0 + 11^1 + 15^1 + 19^1 + 27^2 = 50 + 111 + 151 + 191 + 272 & 775 &:= 5^0 + 7^1 + 15^1 + 23^1 + 27^2 = 50 + 71 + 151 + 231 + 272 \\ 775 &:= 5^0 + 11^1 + 16^1 + 18^1 + 27^2 = 50 + 111 + 161 + 181 + 272 & 775 &:= 5^0 + 7^1 + 16^1 + 22^1 + 27^2 = 50 + 71 + 161 + 221 + 272 \\ 775 &:= 5^0 + 11^1 + 17^1 + 17^1 + 27^2 = 50 + 111 + 171 + 171 + 272 & 775 &:= 5^0 + 7^1 + 17^1 + 21^1 + 27^2 = 50 + 71 + 171 + 211 + 272 \\ 775 &:= 5^0 + 12^1 + 12^1 + 21^1 + 27^2 = 50 + 121 + 121 + 211 + 272 & 775 &:= 5^0 + 7^1 + 18^1 + 20^1 + 27^2 = 50 + 71 + 181 + 201 + 272 \\ 775 &:= 5^0 + 12^1 + 13^1 + 20^1 + 27^2 = 50 + 121 + 131 + 201 + 272 & 775 &:= 5^0 + 7^1 + 19^1 + 19^1 + 27^2 = 50 + 71 + 191 + 191 + 272 \\ 775 &:= 5^0 + 12^1 + 14^1 + 19^1 + 27^2 = 50 + 121 + 141 + 191 + 272 & 775 &:= 5^0 + 8^1 + 10^1 + 27^1 + 27^2 = 50 + 81 + 101 + 271 + 272 \\ 775 &:= 5^0 + 12^1 + 15^1 + 18^1 + 27^2 = 50 + 121 + 151 + 181 + 272 & 775 &:= 5^0 + 8^1 + 11^1 + 26^1 + 27^2 = 50 + 81 + 111 + 261 + 272 \end{aligned}$$

$$\begin{aligned} 775 &:= 5^0 + 8^1 + 12^1 + 25^1 + 27^2 = 50 + 81 + 121 + 251 + 272 & 775 &:= 6^0 + 9^2 + 16^1 + 20^0 + 26^2 = 60 + 92 + 161 + 200 + 262 \\ 775 &:= 5^0 + 8^1 + 13^1 + 24^1 + 27^2 = 50 + 81 + 131 + 241 + 272 & 775 &:= 6^0 + 9^3 + 17^1 + 18^0 + 27^1 = 60 + 93 + 171 + 180 + 271 \\ 775 &:= 5^0 + 8^1 + 14^1 + 23^1 + 27^2 = 50 + 81 + 141 + 231 + 272 & 775 &:= 6^0 + 9^3 + 18^0 + 18^1 + 26^1 = 60 + 93 + 180 + 181 + 261 \\ 775 &:= 5^0 + 8^1 + 15^1 + 22^1 + 27^2 = 50 + 81 + 151 + 221 + 272 & 775 &:= 6^0 + 9^3 + 18^0 + 19^1 + 25^1 = 60 + 93 + 180 + 191 + 251 \\ 775 &:= 5^0 + 8^1 + 16^1 + 21^1 + 27^2 = 50 + 81 + 161 + 211 + 272 & 775 &:= 6^0 + 9^3 + 18^0 + 20^1 + 24^1 = 60 + 93 + 180 + 201 + 241 \\ 775 &:= 5^0 + 8^1 + 17^1 + 20^1 + 27^2 = 50 + 81 + 171 + 201 + 272 & 775 &:= 6^0 + 9^3 + 18^0 + 21^1 + 23^1 = 60 + 93 + 180 + 211 + 231 \\ 775 &:= 5^0 + 8^1 + 18^1 + 19^1 + 27^2 = 50 + 81 + 181 + 191 + 272 & 775 &:= 6^0 + 9^3 + 18^0 + 22^1 + 22^1 = 60 + 93 + 180 + 221 + 221 \\ 775 &:= 5^0 + 8^1 + 18^2 + 21^2 + 25^0 = 50 + 81 + 182 + 212 + 250 & 775 &:= 6^2 + 8^1 + 10^0 + 26^0 + 27^2 = 62 + 81 + 100 + 260 + 272 \\ 775 &:= 5^0 + 9^0 + 11^2 + 25^2 + 27^1 = 50 + 90 + 112 + 252 + 271 & 775 &:= 6^2 + 8^1 + 11^0 + 25^0 + 27^2 = 62 + 81 + 110 + 250 + 272 \\ 775 &:= 5^0 + 9^1 + 10^1 + 26^1 + 27^2 = 50 + 91 + 101 + 261 + 272 & 775 &:= 6^2 + 8^1 + 12^0 + 24^0 + 27^2 = 62 + 81 + 120 + 240 + 272 \\ 775 &:= 5^0 + 9^1 + 11^1 + 25^1 + 27^2 = 50 + 91 + 111 + 251 + 272 & 775 &:= 6^2 + 8^1 + 13^0 + 23^0 + 27^2 = 62 + 81 + 130 + 230 + 272 \\ 775 &:= 5^0 + 9^1 + 12^1 + 24^1 + 27^2 = 50 + 91 + 121 + 241 + 272 & 775 &:= 6^2 + 8^1 + 14^0 + 22^0 + 27^2 = 62 + 81 + 140 + 220 + 272 \\ 775 &:= 5^0 + 9^1 + 13^1 + 23^1 + 27^2 = 50 + 91 + 131 + 231 + 272 & 775 &:= 6^2 + 8^1 + 15^0 + 21^0 + 27^2 = 62 + 81 + 150 + 210 + 272 \\ 775 &:= 5^0 + 9^1 + 14^1 + 22^1 + 27^2 = 50 + 91 + 141 + 221 + 272 & 775 &:= 6^2 + 8^1 + 16^0 + 20^0 + 27^2 = 62 + 81 + 160 + 200 + 272 \\ 775 &:= 5^0 + 9^1 + 15^1 + 21^1 + 27^2 = 50 + 91 + 151 + 211 + 272 & 775 &:= 6^2 + 8^1 + 17^0 + 19^0 + 27^2 = 62 + 81 + 170 + 190 + 272 \\ 775 &:= 5^0 + 9^1 + 16^1 + 20^1 + 27^2 = 50 + 91 + 161 + 201 + 272 & 775 &:= 6^2 + 8^1 + 18^0 + 18^0 + 27^2 = 62 + 81 + 180 + 180 + 272 \\ 775 &:= 5^0 + 9^1 + 17^1 + 19^1 + 27^2 = 50 + 91 + 171 + 191 + 272 & 775 &:= 6^2 + 8^1 + 9^0 + 27^0 + 27^2 = 62 + 81 + 90 + 270 + 272 \\ 775 &:= 5^0 + 9^1 + 18^1 + 18^1 + 27^2 = 50 + 91 + 181 + 181 + 272 & 775 &:= 7^0 + 12^1 + 19^0 + 19^2 + 20^2 = 70 + 121 + 190 + 192 + 202 \\ 775 &:= 5^0 + 9^1 + 9^1 + 27^1 + 27^2 = 50 + 91 + 91 + 271 + 272 & 775 &:= 7^0 + 13^0 + 15^2 + 19^1 + 23^2 = 70 + 130 + 152 + 191 + 232 \\ 775 &:= 5^0 + 9^2 + 16^1 + 21^0 + 26^2 = 50 + 92 + 161 + 210 + 262 & 775 &:= 7^0 + 7^0 + 11^2 + 25^2 + 27^1 = 70 + 70 + 112 + 252 + 271 \\ 775 &:= 5^0 + 9^3 + 17^1 + 19^0 + 27^1 = 50 + 93 + 171 + 190 + 271 & 775 &:= 7^0 + 8^1 + 18^2 + 21^2 + 23^0 = 70 + 81 + 182 + 212 + 230 \\ 775 &:= 5^0 + 9^3 + 18^1 + 19^0 + 26^1 = 50 + 93 + 181 + 190 + 261 & 775 &:= 7^0 + 9^2 + 16^1 + 19^0 + 26^2 = 70 + 92 + 161 + 190 + 262 \\ 775 &:= 5^0 + 9^3 + 19^0 + 19^1 + 25^1 = 50 + 93 + 190 + 191 + 251 & 775 &:= 7^0 + 9^3 + 17^0 + 17^1 + 27^1 = 70 + 93 + 170 + 171 + 271 \\ 775 &:= 5^0 + 9^3 + 19^0 + 20^1 + 24^1 = 50 + 93 + 190 + 201 + 241 & 775 &:= 7^0 + 9^3 + 17^0 + 18^1 + 26^1 = 70 + 93 + 170 + 181 + 261 \\ 775 &:= 5^0 + 9^3 + 19^0 + 21^1 + 23^1 = 50 + 93 + 190 + 211 + 231 & 775 &:= 7^0 + 9^3 + 17^0 + 19^1 + 25^1 = 70 + 93 + 170 + 191 + 251 \\ 775 &:= 5^0 + 9^3 + 19^0 + 22^1 + 22^1 = 50 + 93 + 190 + 221 + 221 & 775 &:= 7^0 + 9^3 + 17^0 + 20^1 + 24^1 = 70 + 93 + 170 + 201 + 241 \\ 775 &:= 5^2 + 10^0 + 16^0 + 19^1 + 27^2 = 52 + 100 + 160 + 191 + 272 & 775 &:= 7^0 + 9^3 + 17^0 + 21^1 + 23^1 = 70 + 93 + 170 + 211 + 231 \\ 775 &:= 5^2 + 11^0 + 15^0 + 19^1 + 27^2 = 52 + 110 + 150 + 191 + 272 & 775 &:= 7^0 + 9^3 + 17^0 + 22^1 + 22^1 = 70 + 93 + 170 + 221 + 221 \\ 775 &:= 5^2 + 12^0 + 14^0 + 19^1 + 27^2 = 52 + 120 + 140 + 191 + 272 & 775 &:= 8^0 + 12^0 + 15^2 + 19^1 + 23^2 = 80 + 120 + 152 + 191 + 232 \\ 775 &:= 5^2 + 13^0 + 13^0 + 19^1 + 27^2 = 52 + 130 + 130 + 191 + 272 & 775 &:= 8^0 + 12^1 + 18^0 + 19^2 + 20^2 = 80 + 121 + 180 + 192 + 202 \\ 775 &:= 5^2 + 6^0 + 19^1 + 20^0 + 27^2 = 52 + 60 + 191 + 200 + 272 & 775 &:= 8^0 + 8^1 + 18^2 + 21^2 + 22^0 = 80 + 81 + 182 + 212 + 220 \\ 775 &:= 5^2 + 7^0 + 19^0 + 19^1 + 27^2 = 52 + 70 + 190 + 191 + 272 & 775 &:= 8^0 + 9^2 + 16^1 + 18^0 + 26^2 = 80 + 92 + 161 + 180 + 262 \\ 775 &:= 5^2 + 8^0 + 18^0 + 19^1 + 27^2 = 52 + 80 + 180 + 191 + 272 & 775 &:= 8^0 + 9^3 + 16^0 + 17^1 + 27^1 = 80 + 93 + 160 + 171 + 271 \\ 775 &:= 5^2 + 9^0 + 17^0 + 19^1 + 27^2 = 52 + 90 + 170 + 191 + 272 & 775 &:= 8^0 + 9^3 + 16^0 + 18^1 + 26^1 = 80 + 93 + 160 + 181 + 261 \\ 775 &:= 6^0 + 12^1 + 19^2 + 20^0 + 20^2 = 60 + 121 + 192 + 200 + 202 & 775 &:= 8^0 + 9^3 + 16^0 + 19^1 + 25^1 = 80 + 93 + 160 + 191 + 251 \\ 775 &:= 6^0 + 14^0 + 15^2 + 19^1 + 23^2 = 60 + 140 + 152 + 191 + 232 & 775 &:= 8^0 + 9^3 + 16^0 + 20^1 + 24^1 = 80 + 93 + 160 + 201 + 241 \\ 775 &:= 6^0 + 8^0 + 11^2 + 25^2 + 27^1 = 60 + 80 + 112 + 252 + 271 & 775 &:= 8^0 + 9^3 + 16^0 + 21^1 + 23^1 = 80 + 93 + 160 + 211 + 231 \\ 775 &:= 6^0 + 8^1 + 18^2 + 21^2 + 24^0 = 60 + 81 + 182 + 212 + 240 & 775 &:= 8^0 + 9^3 + 16^0 + 22^1 + 22^1 = 80 + 93 + 160 + 221 + 221 \end{aligned}$$

$775 := 8^1 + 10^0 + 18^2 + 20^0 + 21^2 = 81 + 100 + 182 + 200 + 212$	$775 := 9^3 + 10^0 + 14^0 + 17^1 + 27^1 = 93 + 100 + 140 + 171 + 271$
$775 := 8^1 + 11^0 + 18^2 + 19^0 + 21^2 = 81 + 110 + 182 + 190 + 212$	$775 := 9^3 + 10^0 + 14^0 + 18^1 + 26^1 = 93 + 100 + 140 + 181 + 261$
$775 := 8^1 + 12^0 + 18^0 + 18^2 + 21^2 = 81 + 120 + 180 + 182 + 212$	$775 := 9^3 + 10^0 + 14^0 + 19^1 + 25^1 = 93 + 100 + 140 + 191 + 251$
$775 := 8^1 + 13^0 + 17^0 + 18^2 + 21^2 = 81 + 130 + 170 + 182 + 212$	$775 := 9^3 + 10^0 + 14^0 + 20^1 + 24^1 = 93 + 100 + 140 + 201 + 241$
$775 := 8^1 + 14^0 + 16^0 + 18^2 + 21^2 = 81 + 140 + 160 + 182 + 212$	$775 := 9^3 + 10^0 + 14^0 + 21^1 + 23^1 = 93 + 100 + 140 + 211 + 231$
$775 := 8^1 + 15^0 + 15^0 + 18^2 + 21^2 = 81 + 150 + 150 + 182 + 212$	$775 := 9^3 + 10^0 + 14^0 + 22^1 + 22^1 = 93 + 100 + 140 + 221 + 221$
$775 := 8^1 + 9^0 + 18^2 + 21^0 + 21^2 = 81 + 90 + 182 + 210 + 212$	$775 := 9^3 + 11^0 + 13^0 + 17^1 + 27^1 = 93 + 110 + 130 + 171 + 271$
$775 := 9^0 + 11^0 + 15^2 + 19^1 + 23^2 = 90 + 110 + 152 + 191 + 232$	$775 := 9^3 + 11^0 + 13^0 + 18^1 + 26^1 = 93 + 110 + 130 + 181 + 261$
$775 := 9^0 + 12^1 + 17^0 + 19^2 + 20^2 = 90 + 121 + 170 + 192 + 202$	$775 := 9^3 + 11^0 + 13^0 + 19^1 + 25^1 = 93 + 110 + 130 + 191 + 251$
$775 := 9^0 + 9^2 + 16^1 + 17^0 + 26^2 = 90 + 92 + 161 + 170 + 262$	$775 := 9^3 + 11^0 + 13^0 + 20^1 + 24^1 = 93 + 110 + 130 + 201 + 241$
$775 := 9^0 + 9^3 + 15^0 + 17^1 + 27^1 = 90 + 93 + 150 + 171 + 271$	$775 := 9^3 + 11^0 + 13^0 + 21^1 + 23^1 = 93 + 110 + 130 + 211 + 231$
$775 := 9^0 + 9^3 + 15^0 + 18^1 + 26^1 = 90 + 93 + 150 + 181 + 261$	$775 := 9^3 + 11^0 + 13^0 + 22^1 + 22^1 = 93 + 110 + 130 + 221 + 221$
$775 := 9^0 + 9^3 + 15^0 + 19^1 + 25^1 = 90 + 93 + 150 + 191 + 251$	$775 := 9^3 + 12^0 + 12^0 + 17^1 + 27^1 = 93 + 120 + 120 + 171 + 271$
$775 := 9^0 + 9^3 + 15^0 + 20^1 + 24^1 = 90 + 93 + 150 + 201 + 241$	$775 := 9^3 + 12^0 + 12^0 + 18^1 + 26^1 = 93 + 120 + 120 + 181 + 261$
$775 := 9^0 + 9^3 + 15^0 + 21^1 + 23^1 = 90 + 93 + 150 + 211 + 231$	$775 := 9^3 + 12^0 + 12^0 + 19^1 + 25^1 = 93 + 120 + 120 + 191 + 251$
$775 := 9^0 + 9^3 + 15^0 + 22^1 + 22^1 = 90 + 93 + 150 + 221 + 221$	$775 := 9^3 + 12^0 + 12^0 + 20^1 + 24^1 = 93 + 120 + 120 + 201 + 241$
$775 := 9^2 + 10^0 + 16^0 + 16^1 + 26^2 = 92 + 100 + 160 + 161 + 262$	$775 := 9^3 + 12^0 + 12^0 + 21^1 + 23^1 = 93 + 120 + 120 + 211 + 231$
$775 := 9^2 + 11^0 + 15^0 + 16^1 + 26^2 = 92 + 110 + 150 + 161 + 262$	$775 := 9^3 + 12^0 + 12^0 + 22^1 + 22^1 = 93 + 120 + 120 + 221 + 221$
$775 := 9^2 + 12^0 + 14^0 + 16^1 + 26^2 = 92 + 120 + 140 + 161 + 262$	
$775 := 9^2 + 13^0 + 13^0 + 16^1 + 26^2 = 92 + 130 + 130 + 161 + 262$	

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$776 := 1^2 + 9^3 + 22^0 + 45^1 = 12 + 93 + 220 + 451$	$776 := 1^0 + 5^3 + 22^0 + 24^1 + 25^2 = 10 + 53 + 220 + 241 + 252$
$776 := 1^3 + 4^0 + 27^2 + 45^1 = 13 + 40 + 272 + 451$	$776 := 1^1 + 13^1 + 19^2 + 20^2 + 24^0 = 11 + 131 + 192 + 202 + 240$
$776 := 1^9 + 3^6 + 27^0 + 45^1 = 19 + 36 + 270 + 451$	$776 := 1^1 + 15^2 + 18^0 + 20^1 + 23^2 = 11 + 152 + 180 + 201 + 232$
$776 := 2^2 + 9^3 + 24^0 + 42^1 = 22 + 93 + 240 + 421$	$776 := 1^1 + 5^2 + 20^1 + 24^0 + 27^2 = 11 + 52 + 201 + 240 + 272$
$776 := 2^3 + 10^0 + 27^2 + 38^1 = 23 + 100 + 272 + 381$	$776 := 1^1 + 9^2 + 17^1 + 24^0 + 26^2 = 11 + 92 + 171 + 240 + 262$
$776 := 3^2 + 9^3 + 28^0 + 37^1 = 32 + 93 + 280 + 371$	$776 := 1^1 + 9^3 + 18^1 + 22^0 + 27^1 = 11 + 93 + 181 + 220 + 271$
$776 := 3^3 + 19^1 + 27^2 + 28^0 = 33 + 191 + 272 + 280$	$776 := 1^1 + 9^3 + 19^1 + 22^0 + 26^1 = 11 + 93 + 191 + 220 + 261$
$776 := 4^2 + 9^3 + 30^1 + 34^0 = 42 + 93 + 301 + 340$	$776 := 1^1 + 9^3 + 20^1 + 22^0 + 25^1 = 11 + 93 + 201 + 220 + 251$
$776 := 4^3 + 12^0 + 26^2 + 35^1 = 43 + 120 + 262 + 351$	$776 := 1^1 + 9^3 + 21^1 + 22^0 + 24^1 = 11 + 93 + 211 + 220 + 241$
$776 := 5^2 + 9^3 + 21^1 + 42^0 = 52 + 93 + 211 + 420$	$776 := 1^1 + 9^3 + 22^0 + 22^1 + 23^1 = 11 + 93 + 220 + 221 + 231$
$776 := 5^3 + 22^0 + 25^1 + 25^2 = 53 + 220 + 251 + 252$	$776 := 1^2 + 10^0 + 17^2 + 22^2 + 27^0 = 12 + 100 + 172 + 222 + 270$
$776 := 6^2 + 9^3 + 10^1 + 52^0 = 62 + 93 + 101 + 520$	$776 := 1^2 + 11^0 + 17^2 + 22^2 + 26^0 = 12 + 110 + 172 + 222 + 260$
$776 := 6^3 + 18^0 + 23^2 + 30^1 = 63 + 180 + 232 + 301$	$776 := 1^2 + 12^0 + 17^2 + 22^2 + 25^0 = 12 + 120 + 172 + 222 + 250$
$776 := 7^1 + 8^3 + 16^2 + 46^0 = 71 + 83 + 162 + 460$	$776 := 1^2 + 13^0 + 17^2 + 22^2 + 24^0 = 12 + 130 + 172 + 222 + 240$
$776 := 7^3 + 18^0 + 20^2 + 32^1 = 73 + 180 + 202 + 321$	$776 := 1^2 + 14^0 + 17^2 + 22^2 + 23^0 = 12 + 140 + 172 + 222 + 230$
$776 := 8^3 + 15^2 + 16^0 + 38^1 = 83 + 152 + 160 + 381$	$776 := 1^2 + 15^0 + 17^2 + 22^0 + 22^2 = 12 + 150 + 172 + 220 + 222$

$$\begin{aligned} 776 &:= 1^2 + 16^0 + 17^2 + 21^0 + 22^2 = 12 + 160 + 172 + 210 + 222 & 776 &:= 13^0 + 14^2 + 16^0 + 17^2 + 17^2 = 130 + 142 + 160 + 172 + 172 \\ 776 &:= 1^2 + 17^0 + 17^2 + 20^0 + 22^2 = 12 + 170 + 172 + 200 + 222 & 776 &:= 13^0 + 15^2 + 15^2 + 16^0 + 18^2 = 130 + 152 + 152 + 160 + 182 \\ 776 &:= 1^2 + 17^2 + 18^0 + 19^0 + 22^2 = 12 + 172 + 180 + 190 + 222 & 776 &:= 14^0 + 14^2 + 15^0 + 17^2 + 17^2 = 140 + 142 + 150 + 172 + 172 \\ 776 &:= 1^2 + 4^0 + 18^1 + 27^1 + 27^2 = 12 + 40 + 181 + 271 + 272 & 776 &:= 14^0 + 15^0 + 15^2 + 15^2 + 18^2 = 140 + 150 + 152 + 152 + 182 \\ 776 &:= 1^2 + 4^0 + 19^1 + 26^1 + 27^2 = 12 + 40 + 191 + 261 + 272 & 776 &:= 2^0 + 14^2 + 17^2 + 17^2 + 27^0 = 20 + 142 + 172 + 172 + 270 \\ 776 &:= 1^2 + 4^0 + 20^1 + 25^1 + 27^2 = 12 + 40 + 201 + 251 + 272 & 776 &:= 2^0 + 15^2 + 15^2 + 18^2 + 27^0 = 20 + 152 + 152 + 182 + 270 \\ 776 &:= 1^2 + 4^0 + 21^1 + 24^1 + 27^2 = 12 + 40 + 211 + 241 + 272 & 776 &:= 2^0 + 3^3 + 18^1 + 27^0 + 27^2 = 20 + 33 + 181 + 270 + 272 \\ 776 &:= 1^2 + 4^0 + 22^1 + 23^1 + 27^2 = 12 + 40 + 221 + 231 + 272 & 776 &:= 2^0 + 5^3 + 21^0 + 24^1 + 25^2 = 20 + 53 + 210 + 241 + 252 \\ 776 &:= 1^6 + 2^7 + 21^1 + 25^2 + 27^0 = 16 + 27 + 211 + 252 + 270 & 776 &:= 2^1 + 11^2 + 12^0 + 25^2 + 27^1 = 21 + 112 + 120 + 252 + 271 \\ 776 &:= 1^8 + 3^6 + 18^1 + 27^0 + 27^1 = 18 + 36 + 181 + 270 + 271 & 776 &:= 2^1 + 12^1 + 19^2 + 20^2 + 24^0 = 21 + 121 + 192 + 202 + 240 \\ 776 &:= 1^8 + 3^6 + 19^1 + 26^1 + 27^0 = 18 + 36 + 191 + 261 + 270 & 776 &:= 2^1 + 15^2 + 18^0 + 19^1 + 23^2 = 21 + 152 + 180 + 191 + 232 \\ 776 &:= 1^8 + 3^6 + 20^1 + 25^1 + 27^0 = 18 + 36 + 201 + 251 + 270 & 776 &:= 2^1 + 5^2 + 19^1 + 24^0 + 27^2 = 21 + 52 + 191 + 240 + 272 \\ 776 &:= 1^8 + 3^6 + 21^1 + 24^1 + 27^0 = 18 + 36 + 211 + 241 + 270 & 776 &:= 2^1 + 9^2 + 16^1 + 24^0 + 26^2 = 21 + 92 + 161 + 240 + 262 \\ 776 &:= 1^8 + 3^6 + 22^1 + 23^1 + 27^0 = 18 + 36 + 221 + 231 + 270 & 776 &:= 2^1 + 9^3 + 17^1 + 22^0 + 27^1 = 21 + 93 + 171 + 220 + 271 \\ 776 &:= 10^0 + 10^1 + 13^2 + 20^1 + 24^2 = 100 + 101 + 132 + 201 + 242 & 776 &:= 2^1 + 9^3 + 18^1 + 22^0 + 26^1 = 21 + 93 + 181 + 220 + 261 \\ 776 &:= 10^0 + 11^1 + 13^2 + 19^1 + 24^2 = 100 + 111 + 132 + 191 + 242 & 776 &:= 2^1 + 9^3 + 19^1 + 22^0 + 25^1 = 21 + 93 + 191 + 220 + 251 \\ 776 &:= 10^0 + 11^2 + 13^2 + 21^0 + 22^2 = 100 + 112 + 132 + 210 + 222 & 776 &:= 2^1 + 9^3 + 20^1 + 22^0 + 24^1 = 21 + 93 + 201 + 220 + 241 \\ 776 &:= 10^0 + 12^1 + 13^2 + 18^1 + 24^2 = 100 + 121 + 132 + 181 + 242 & 776 &:= 2^1 + 9^3 + 21^1 + 22^0 + 23^1 = 21 + 93 + 211 + 220 + 231 \\ 776 &:= 10^0 + 13^1 + 13^2 + 17^1 + 24^2 = 100 + 131 + 132 + 171 + 242 & 776 &:= 2^1 + 9^3 + 22^0 + 22^1 + 22^1 = 21 + 93 + 220 + 221 + 221 \\ 776 &:= 10^0 + 13^2 + 14^1 + 16^1 + 24^2 = 100 + 132 + 141 + 161 + 242 & 776 &:= 2^2 + 6^0 + 15^1 + 27^1 + 27^2 = 22 + 60 + 151 + 271 + 272 \\ 776 &:= 10^0 + 13^2 + 15^1 + 15^1 + 24^2 = 100 + 132 + 151 + 151 + 242 & 776 &:= 2^2 + 6^0 + 16^1 + 26^1 + 27^2 = 22 + 60 + 161 + 261 + 272 \\ 776 &:= 10^0 + 14^2 + 17^2 + 17^2 + 19^0 = 100 + 142 + 172 + 172 + 190 & 776 &:= 2^2 + 6^0 + 17^1 + 25^1 + 27^2 = 22 + 60 + 171 + 251 + 272 \\ 776 &:= 10^0 + 15^2 + 15^2 + 18^2 + 19^0 = 100 + 152 + 152 + 182 + 190 & 776 &:= 2^2 + 6^0 + 18^1 + 24^1 + 27^2 = 22 + 60 + 181 + 241 + 272 \\ 776 &:= 10^1 + 11^1 + 15^2 + 18^0 + 23^2 = 101 + 111 + 152 + 180 + 232 & 776 &:= 2^2 + 6^0 + 19^1 + 23^1 + 27^2 = 22 + 60 + 191 + 231 + 272 \\ 776 &:= 10^1 + 11^2 + 12^0 + 19^1 + 25^2 = 101 + 112 + 120 + 191 + 252 & 776 &:= 2^2 + 6^0 + 20^1 + 22^1 + 27^2 = 22 + 60 + 201 + 221 + 272 \\ 776 &:= 11^0 + 11^2 + 13^2 + 20^0 + 22^2 = 110 + 112 + 132 + 200 + 222 & 776 &:= 2^2 + 6^0 + 21^1 + 21^1 + 27^2 = 22 + 60 + 211 + 211 + 272 \\ 776 &:= 11^0 + 14^2 + 17^2 + 17^2 + 18^0 = 110 + 142 + 172 + 172 + 180 & 776 &:= 3^0 + 14^2 + 17^2 + 17^2 + 26^0 = 30 + 142 + 172 + 172 + 260 \\ 776 &:= 11^0 + 15^2 + 15^2 + 18^0 + 18^2 = 110 + 152 + 152 + 180 + 182 & 776 &:= 3^0 + 15^2 + 15^2 + 18^2 + 26^0 = 30 + 152 + 152 + 182 + 260 \\ 776 &:= 11^1 + 11^2 + 12^0 + 18^1 + 25^2 = 111 + 112 + 120 + 181 + 252 & 776 &:= 3^0 + 3^3 + 18^1 + 26^0 + 27^2 = 30 + 33 + 181 + 260 + 272 \\ 776 &:= 11^2 + 12^0 + 12^1 + 17^1 + 25^2 = 112 + 120 + 121 + 171 + 252 & 776 &:= 3^0 + 5^3 + 20^0 + 24^1 + 25^2 = 30 + 53 + 200 + 241 + 252 \\ 776 &:= 11^2 + 12^0 + 13^1 + 16^1 + 25^2 = 112 + 120 + 131 + 161 + 252 & 776 &:= 3^1 + 10^0 + 13^2 + 24^2 + 27^1 = 31 + 100 + 132 + 242 + 271 \\ 776 &:= 11^2 + 12^0 + 13^2 + 19^0 + 22^2 = 112 + 120 + 132 + 190 + 222 & 776 &:= 3^1 + 11^1 + 19^2 + 20^2 + 24^0 = 31 + 111 + 192 + 202 + 240 \\ 776 &:= 11^2 + 12^0 + 14^1 + 15^1 + 25^2 = 112 + 120 + 141 + 151 + 252 & 776 &:= 3^1 + 11^2 + 12^0 + 25^2 + 26^1 = 31 + 112 + 120 + 252 + 261 \\ 776 &:= 11^2 + 13^0 + 13^2 + 18^0 + 22^2 = 112 + 130 + 132 + 180 + 222 & 776 &:= 3^1 + 15^2 + 18^0 + 18^1 + 23^2 = 31 + 152 + 180 + 181 + 232 \\ 776 &:= 11^2 + 13^2 + 14^0 + 17^0 + 22^2 = 112 + 132 + 140 + 170 + 222 & 776 &:= 3^1 + 4^2 + 16^0 + 27^1 + 27^2 = 31 + 42 + 160 + 271 + 272 \\ 776 &:= 11^2 + 13^2 + 15^0 + 16^0 + 22^2 = 112 + 132 + 150 + 160 + 222 & 776 &:= 3^1 + 5^2 + 18^1 + 24^0 + 27^2 = 31 + 52 + 181 + 240 + 272 \\ 776 &:= 12^0 + 14^2 + 17^0 + 17^2 + 17^2 = 120 + 142 + 170 + 172 + 172 & 776 &:= 3^1 + 9^2 + 15^1 + 24^0 + 26^2 = 31 + 92 + 151 + 240 + 262 \\ 776 &:= 12^0 + 15^2 + 15^2 + 17^0 + 18^2 = 120 + 152 + 152 + 170 + 182 & 776 &:= 3^1 + 9^3 + 16^1 + 22^0 + 27^1 = 31 + 93 + 161 + 220 + 271 \end{aligned}$$

$$\begin{aligned} 776 &:= 3^1 + 9^3 + 17^1 + 22^0 + 26^1 = 31 + 93 + 171 + 220 + 261 & 776 &:= 3^3 + 6^0 + 18^1 + 23^0 + 27^2 = 33 + 60 + 181 + 230 + 272 \\ 776 &:= 3^1 + 9^3 + 18^1 + 22^0 + 25^1 = 31 + 93 + 181 + 220 + 251 & 776 &:= 3^3 + 7^0 + 18^1 + 22^0 + 27^2 = 33 + 70 + 181 + 220 + 272 \\ 776 &:= 3^1 + 9^3 + 19^1 + 22^0 + 24^1 = 31 + 93 + 191 + 220 + 241 & 776 &:= 3^3 + 8^0 + 18^1 + 21^0 + 27^2 = 33 + 80 + 181 + 210 + 272 \\ 776 &:= 3^1 + 9^3 + 20^1 + 22^0 + 23^1 = 31 + 93 + 201 + 220 + 231 & 776 &:= 3^3 + 9^0 + 18^1 + 20^0 + 27^2 = 33 + 90 + 181 + 200 + 272 \\ 776 &:= 3^1 + 9^3 + 21^1 + 22^0 + 22^1 = 31 + 93 + 211 + 220 + 221 & 776 &:= 4^0 + 10^1 + 16^2 + 22^2 + 25^1 = 40 + 101 + 162 + 222 + 251 \\ 776 &:= 3^2 + 10^0 + 10^1 + 27^1 + 27^2 = 32 + 100 + 101 + 271 + 272 & 776 &:= 4^0 + 11^1 + 16^2 + 22^2 + 24^1 = 40 + 111 + 162 + 222 + 241 \\ 776 &:= 3^2 + 10^0 + 11^1 + 26^1 + 27^2 = 32 + 100 + 111 + 261 + 272 & 776 &:= 4^0 + 11^2 + 13^2 + 22^2 + 27^0 = 40 + 112 + 132 + 222 + 270 \\ 776 &:= 3^2 + 10^0 + 12^1 + 25^1 + 27^2 = 32 + 100 + 121 + 251 + 272 & 776 &:= 4^0 + 12^1 + 16^2 + 22^2 + 23^1 = 40 + 121 + 162 + 222 + 231 \\ 776 &:= 3^2 + 10^0 + 13^1 + 24^1 + 27^2 = 32 + 100 + 131 + 241 + 272 & 776 &:= 4^0 + 13^1 + 16^2 + 22^1 + 22^2 = 40 + 131 + 162 + 221 + 222 \\ 776 &:= 3^2 + 10^0 + 14^1 + 23^1 + 27^2 = 32 + 100 + 141 + 231 + 272 & 776 &:= 4^0 + 14^1 + 16^2 + 21^1 + 22^2 = 40 + 141 + 162 + 211 + 222 \\ 776 &:= 3^2 + 10^0 + 15^1 + 22^1 + 27^2 = 32 + 100 + 151 + 221 + 272 & 776 &:= 4^0 + 14^2 + 17^2 + 17^2 + 25^0 = 40 + 142 + 172 + 172 + 250 \\ 776 &:= 3^2 + 10^0 + 16^1 + 21^1 + 27^2 = 32 + 100 + 161 + 211 + 272 & 776 &:= 4^0 + 15^1 + 16^2 + 20^1 + 22^2 = 40 + 151 + 162 + 201 + 222 \\ 776 &:= 3^2 + 10^0 + 17^1 + 20^1 + 27^2 = 32 + 100 + 171 + 201 + 272 & 776 &:= 4^0 + 15^2 + 15^2 + 18^2 + 25^0 = 40 + 152 + 152 + 182 + 250 \\ 776 &:= 3^2 + 10^0 + 18^1 + 19^1 + 27^2 = 32 + 100 + 181 + 191 + 272 & 776 &:= 4^0 + 16^1 + 16^2 + 19^1 + 22^2 = 40 + 161 + 162 + 191 + 222 \\ 776 &:= 3^2 + 10^0 + 18^2 + 21^2 + 25^0 = 32 + 100 + 182 + 212 + 250 & 776 &:= 4^0 + 16^2 + 17^1 + 18^1 + 22^2 = 40 + 162 + 171 + 181 + 222 \\ 776 &:= 3^2 + 11^0 + 18^2 + 21^2 + 24^0 = 32 + 110 + 182 + 212 + 240 & 776 &:= 4^0 + 5^3 + 19^0 + 24^1 + 25^2 = 40 + 53 + 190 + 241 + 252 \\ 776 &:= 3^2 + 12^0 + 18^2 + 21^2 + 23^0 = 32 + 120 + 182 + 212 + 230 & 776 &:= 4^0 + 8^1 + 16^2 + 22^2 + 27^1 = 40 + 81 + 162 + 222 + 271 \\ 776 &:= 3^2 + 13^0 + 18^2 + 21^2 + 22^0 = 32 + 130 + 182 + 212 + 220 & 776 &:= 4^0 + 9^1 + 16^2 + 22^2 + 26^1 = 40 + 91 + 162 + 222 + 261 \\ 776 &:= 3^2 + 14^0 + 18^2 + 21^0 + 21^2 = 32 + 140 + 182 + 210 + 212 & 776 &:= 4^1 + 10^0 + 13^2 + 24^2 + 26^1 = 41 + 100 + 132 + 242 + 261 \\ 776 &:= 3^2 + 15^0 + 18^2 + 20^0 + 21^2 = 32 + 150 + 182 + 200 + 212 & 776 &:= 4^1 + 10^1 + 19^2 + 20^2 + 24^0 = 41 + 101 + 192 + 202 + 240 \\ 776 &:= 3^2 + 16^0 + 18^2 + 19^0 + 21^2 = 32 + 160 + 182 + 190 + 212 & 776 &:= 4^1 + 11^2 + 12^0 + 25^1 + 25^2 = 41 + 112 + 120 + 251 + 252 \\ 776 &:= 3^2 + 17^0 + 18^0 + 18^2 + 21^2 = 32 + 170 + 180 + 182 + 212 & 776 &:= 4^1 + 15^2 + 17^1 + 18^0 + 23^2 = 41 + 152 + 171 + 180 + 232 \\ 776 &:= 3^2 + 6^2 + 14^0 + 27^0 + 27^2 = 32 + 62 + 140 + 270 + 272 & 776 &:= 4^1 + 4^2 + 16^0 + 26^1 + 27^2 = 41 + 42 + 160 + 261 + 272 \\ 776 &:= 3^2 + 6^2 + 15^0 + 26^0 + 27^2 = 32 + 62 + 150 + 260 + 272 & 776 &:= 4^1 + 5^2 + 17^1 + 24^0 + 27^2 = 41 + 52 + 171 + 240 + 272 \\ 776 &:= 3^2 + 6^2 + 16^0 + 25^0 + 27^2 = 32 + 62 + 160 + 250 + 272 & 776 &:= 4^1 + 9^2 + 14^1 + 24^0 + 26^2 = 41 + 92 + 141 + 240 + 262 \\ 776 &:= 3^2 + 6^2 + 17^0 + 24^0 + 27^2 = 32 + 62 + 170 + 240 + 272 & 776 &:= 4^1 + 9^3 + 15^1 + 22^0 + 27^1 = 41 + 93 + 151 + 220 + 271 \\ 776 &:= 3^2 + 6^2 + 18^0 + 23^0 + 27^2 = 32 + 62 + 180 + 230 + 272 & 776 &:= 4^1 + 9^3 + 16^1 + 22^0 + 26^1 = 41 + 93 + 161 + 220 + 261 \\ 776 &:= 3^2 + 6^2 + 19^0 + 22^0 + 27^2 = 32 + 62 + 190 + 220 + 272 & 776 &:= 4^1 + 9^3 + 17^1 + 22^0 + 25^1 = 41 + 93 + 171 + 220 + 251 \\ 776 &:= 3^2 + 6^2 + 20^0 + 21^0 + 27^2 = 32 + 62 + 200 + 210 + 272 & 776 &:= 4^1 + 9^3 + 18^1 + 22^0 + 24^1 = 41 + 93 + 181 + 220 + 241 \\ 776 &:= 3^2 + 8^0 + 18^2 + 21^2 + 27^0 = 32 + 80 + 182 + 212 + 270 & 776 &:= 4^1 + 9^3 + 19^1 + 22^0 + 23^1 = 41 + 93 + 191 + 220 + 231 \\ 776 &:= 3^2 + 9^0 + 18^2 + 21^2 + 26^0 = 32 + 90 + 182 + 212 + 260 & 776 &:= 4^1 + 9^3 + 20^1 + 22^0 + 22^1 = 41 + 93 + 201 + 220 + 221 \\ 776 &:= 3^3 + 10^0 + 18^1 + 19^0 + 27^2 = 33 + 100 + 181 + 190 + 272 & 776 &:= 4^1 + 9^3 + 21^1 + 21^1 + 22^0 = 41 + 93 + 211 + 211 + 220 \\ 776 &:= 3^3 + 11^0 + 18^0 + 18^1 + 27^2 = 33 + 110 + 180 + 181 + 272 & 776 &:= 4^2 + 10^1 + 16^0 + 20^1 + 27^2 = 42 + 101 + 160 + 201 + 272 \\ 776 &:= 3^3 + 12^0 + 17^0 + 18^1 + 27^2 = 33 + 120 + 170 + 181 + 272 & 776 &:= 4^2 + 11^1 + 16^0 + 19^1 + 27^2 = 42 + 111 + 160 + 191 + 272 \\ 776 &:= 3^3 + 13^0 + 16^0 + 18^1 + 27^2 = 33 + 130 + 160 + 181 + 272 & 776 &:= 4^2 + 12^1 + 16^0 + 18^1 + 27^2 = 42 + 121 + 160 + 181 + 272 \\ 776 &:= 3^3 + 14^0 + 15^0 + 18^1 + 27^2 = 33 + 140 + 150 + 181 + 272 & 776 &:= 4^2 + 13^1 + 16^0 + 17^1 + 27^2 = 42 + 131 + 160 + 171 + 272 \\ 776 &:= 3^3 + 4^0 + 18^1 + 25^0 + 27^2 = 33 + 40 + 181 + 250 + 272 & 776 &:= 4^2 + 14^1 + 16^0 + 16^1 + 27^2 = 42 + 141 + 160 + 161 + 272 \\ 776 &:= 3^3 + 5^0 + 18^1 + 24^0 + 27^2 = 33 + 50 + 181 + 240 + 272 & 776 &:= 4^2 + 15^1 + 15^1 + 16^0 + 27^2 = 42 + 151 + 151 + 160 + 272 \end{aligned}$$

$$\begin{aligned} 776 &:= 4^2 + 5^1 + 16^0 + 25^1 + 27^2 = 42 + 51 + 160 + 251 + 272 & 776 &:= 5^3 + 9^0 + 14^0 + 24^1 + 25^2 = 53 + 90 + 140 + 241 + 252 \\ 776 &:= 4^2 + 6^1 + 16^0 + 24^1 + 27^2 = 42 + 61 + 160 + 241 + 272 & 776 &:= 6^0 + 11^2 + 13^2 + 22^2 + 25^0 = 60 + 112 + 132 + 222 + 250 \\ 776 &:= 4^2 + 7^1 + 16^0 + 23^1 + 27^2 = 42 + 71 + 160 + 231 + 272 & 776 &:= 6^0 + 14^2 + 17^2 + 17^2 + 23^0 = 60 + 142 + 172 + 172 + 230 \\ 776 &:= 4^2 + 8^1 + 16^0 + 22^1 + 27^2 = 42 + 81 + 160 + 221 + 272 & 776 &:= 6^0 + 15^2 + 15^2 + 18^2 + 23^0 = 60 + 152 + 152 + 182 + 230 \\ 776 &:= 4^2 + 9^1 + 16^0 + 21^1 + 27^2 = 42 + 91 + 160 + 211 + 272 & 776 &:= 6^0 + 7^2 + 14^2 + 23^2 + 27^0 = 60 + 72 + 142 + 232 + 270 \\ 776 &:= 5^0 + 11^2 + 13^2 + 22^2 + 26^0 = 50 + 112 + 132 + 222 + 260 & 776 &:= 6^1 + 10^0 + 13^2 + 24^1 + 24^2 = 61 + 100 + 132 + 241 + 242 \\ 776 &:= 5^0 + 14^2 + 17^2 + 17^2 + 24^0 = 50 + 142 + 172 + 172 + 240 & 776 &:= 6^1 + 11^2 + 12^0 + 23^1 + 25^2 = 61 + 112 + 120 + 231 + 252 \\ 776 &:= 5^0 + 15^2 + 15^2 + 18^2 + 24^0 = 50 + 152 + 152 + 182 + 240 & 776 &:= 6^1 + 15^1 + 15^2 + 18^0 + 23^2 = 61 + 151 + 152 + 180 + 232 \\ 776 &:= 5^0 + 5^3 + 18^0 + 24^1 + 25^2 = 50 + 53 + 180 + 241 + 252 & 776 &:= 6^1 + 8^1 + 19^2 + 20^2 + 24^0 = 61 + 81 + 192 + 202 + 240 \\ 776 &:= 5^1 + 10^0 + 13^2 + 24^2 + 25^1 = 51 + 100 + 132 + 242 + 251 & 776 &:= 6^1 + 8^3 + 16^2 + 20^0 + 27^0 = 61 + 83 + 162 + 200 + 270 \\ 776 &:= 5^1 + 11^2 + 12^0 + 24^1 + 25^2 = 51 + 112 + 120 + 241 + 252 & 776 &:= 6^1 + 8^3 + 16^2 + 21^0 + 26^0 = 61 + 83 + 162 + 210 + 260 \\ 776 &:= 5^1 + 15^2 + 16^1 + 18^0 + 23^2 = 51 + 152 + 161 + 180 + 232 & 776 &:= 6^1 + 8^3 + 16^2 + 22^0 + 25^0 = 61 + 83 + 162 + 220 + 250 \\ 776 &:= 5^1 + 5^2 + 16^1 + 24^0 + 27^2 = 51 + 52 + 161 + 240 + 272 & 776 &:= 6^1 + 8^3 + 16^2 + 23^0 + 24^0 = 61 + 83 + 162 + 230 + 240 \\ 776 &:= 5^1 + 9^1 + 19^2 + 20^2 + 24^0 = 51 + 91 + 192 + 202 + 240 & 776 &:= 6^1 + 9^2 + 12^1 + 24^0 + 26^2 = 61 + 92 + 121 + 240 + 262 \\ 776 &:= 5^1 + 9^2 + 13^1 + 24^0 + 26^2 = 51 + 92 + 131 + 240 + 262 & 776 &:= 6^1 + 9^3 + 13^1 + 22^0 + 27^1 = 61 + 93 + 131 + 220 + 271 \\ 776 &:= 5^1 + 9^3 + 14^1 + 22^0 + 27^1 = 51 + 93 + 141 + 220 + 271 & 776 &:= 6^1 + 9^3 + 14^1 + 22^0 + 26^1 = 61 + 93 + 141 + 220 + 261 \\ 776 &:= 5^1 + 9^3 + 15^1 + 22^0 + 26^1 = 51 + 93 + 151 + 220 + 261 & 776 &:= 6^1 + 9^3 + 15^1 + 22^0 + 25^1 = 61 + 93 + 151 + 220 + 251 \\ 776 &:= 5^1 + 9^3 + 16^1 + 22^0 + 25^1 = 51 + 93 + 161 + 220 + 251 & 776 &:= 6^1 + 9^3 + 16^1 + 22^0 + 24^1 = 61 + 93 + 161 + 220 + 241 \\ 776 &:= 5^1 + 9^3 + 17^1 + 22^0 + 24^1 = 51 + 93 + 171 + 220 + 241 & 776 &:= 6^1 + 9^3 + 17^1 + 22^0 + 23^1 = 61 + 93 + 171 + 220 + 231 \\ 776 &:= 5^1 + 9^3 + 18^1 + 22^0 + 23^1 = 51 + 93 + 181 + 220 + 231 & 776 &:= 6^1 + 9^3 + 18^1 + 22^0 + 22^1 = 61 + 93 + 181 + 220 + 221 \\ 776 &:= 5^1 + 9^3 + 19^1 + 22^0 + 22^1 = 51 + 93 + 191 + 220 + 221 & 776 &:= 6^1 + 9^3 + 19^1 + 21^1 + 22^0 = 61 + 93 + 191 + 211 + 220 \\ 776 &:= 5^1 + 9^3 + 20^1 + 21^1 + 22^0 = 51 + 93 + 201 + 211 + 220 & 776 &:= 6^1 + 9^3 + 20^1 + 20^1 + 22^0 = 61 + 93 + 201 + 201 + 220 \\ 776 &:= 5^2 + 10^1 + 11^1 + 24^0 + 27^2 = 52 + 101 + 111 + 240 + 272 & 776 &:= 6^2 + 9^1 + 9^3 + 26^0 + 27^0 = 62 + 91 + 93 + 260 + 270 \\ 776 &:= 5^2 + 6^1 + 15^1 + 24^0 + 27^2 = 52 + 61 + 151 + 240 + 272 & 776 &:= 7^0 + 11^2 + 13^2 + 22^2 + 24^0 = 70 + 112 + 132 + 222 + 240 \\ 776 &:= 5^2 + 7^1 + 14^1 + 24^0 + 27^2 = 52 + 71 + 141 + 240 + 272 & 776 &:= 7^0 + 14^2 + 17^2 + 17^2 + 22^0 = 70 + 142 + 172 + 172 + 220 \\ 776 &:= 5^2 + 8^1 + 13^1 + 24^0 + 27^2 = 52 + 81 + 131 + 240 + 272 & 776 &:= 7^0 + 15^2 + 15^2 + 18^2 + 22^0 = 70 + 152 + 152 + 182 + 220 \\ 776 &:= 5^2 + 9^1 + 12^1 + 24^0 + 27^2 = 52 + 91 + 121 + 240 + 272 & 776 &:= 7^0 + 7^2 + 14^2 + 23^2 + 26^0 = 70 + 72 + 142 + 232 + 260 \\ 776 &:= 5^2 + 9^3 + 16^0 + 20^1 + 27^0 = 52 + 93 + 160 + 201 + 270 & 776 &:= 7^1 + 10^0 + 13^2 + 23^1 + 24^2 = 71 + 100 + 132 + 231 + 242 \\ 776 &:= 5^2 + 9^3 + 17^0 + 20^1 + 26^0 = 52 + 93 + 170 + 201 + 260 & 776 &:= 7^1 + 11^2 + 12^0 + 22^1 + 25^2 = 71 + 112 + 120 + 221 + 252 \\ 776 &:= 5^2 + 9^3 + 18^0 + 20^1 + 25^0 = 52 + 93 + 180 + 201 + 250 & 776 &:= 7^1 + 14^1 + 15^2 + 18^0 + 23^2 = 71 + 141 + 152 + 180 + 232 \\ 776 &:= 5^2 + 9^3 + 19^0 + 20^1 + 24^0 = 52 + 93 + 190 + 201 + 240 & 776 &:= 7^1 + 7^1 + 19^2 + 20^2 + 24^0 = 71 + 71 + 192 + 202 + 240 \\ 776 &:= 5^2 + 9^3 + 20^0 + 20^1 + 23^0 = 52 + 93 + 200 + 201 + 230 & 776 &:= 7^1 + 9^2 + 11^1 + 24^0 + 26^2 = 71 + 92 + 111 + 240 + 262 \\ 776 &:= 5^2 + 9^3 + 20^1 + 21^0 + 22^0 = 52 + 93 + 201 + 210 + 220 & 776 &:= 7^1 + 9^3 + 12^1 + 22^0 + 27^1 = 71 + 93 + 121 + 220 + 271 \\ 776 &:= 5^3 + 10^0 + 13^0 + 24^1 + 25^2 = 53 + 100 + 130 + 241 + 252 & 776 &:= 7^1 + 9^3 + 13^1 + 22^0 + 26^1 = 71 + 93 + 131 + 220 + 261 \\ 776 &:= 5^3 + 11^0 + 12^0 + 24^1 + 25^2 = 53 + 110 + 120 + 241 + 252 & 776 &:= 7^1 + 9^3 + 14^1 + 22^0 + 25^1 = 71 + 93 + 141 + 220 + 251 \\ 776 &:= 5^3 + 6^0 + 17^0 + 24^1 + 25^2 = 53 + 60 + 170 + 241 + 252 & 776 &:= 7^1 + 9^3 + 15^1 + 22^0 + 24^1 = 71 + 93 + 151 + 220 + 241 \\ 776 &:= 5^3 + 7^0 + 16^0 + 24^1 + 25^2 = 53 + 70 + 160 + 241 + 252 & 776 &:= 7^1 + 9^3 + 16^1 + 22^0 + 23^1 = 71 + 93 + 161 + 220 + 231 \\ 776 &:= 5^3 + 8^0 + 15^0 + 24^1 + 25^2 = 53 + 80 + 150 + 241 + 252 & 776 &:= 7^1 + 9^3 + 17^1 + 22^0 + 22^1 = 71 + 93 + 171 + 220 + 221 \end{aligned}$$

$$\begin{aligned} 776 &:= 7^1 + 9^3 + 18^1 + 21^1 + 22^0 = 71 + 93 + 181 + 211 + 220 & 776 &:= 8^0 + 8^2 + 14^1 + 21^1 + 26^2 = 80 + 82 + 141 + 211 + 262 \\ 776 &:= 7^1 + 9^3 + 19^1 + 20^1 + 22^0 = 71 + 93 + 191 + 201 + 220 & 776 &:= 8^0 + 8^2 + 15^1 + 20^1 + 26^2 = 80 + 82 + 151 + 201 + 262 \\ 776 &:= 7^2 + 10^0 + 10^2 + 25^0 + 25^2 = 72 + 100 + 102 + 250 + 252 & 776 &:= 8^0 + 8^2 + 16^1 + 19^1 + 26^2 = 80 + 82 + 161 + 191 + 262 \\ 776 &:= 7^2 + 10^0 + 14^2 + 23^0 + 23^2 = 72 + 100 + 142 + 230 + 232 & 776 &:= 8^0 + 8^2 + 17^1 + 18^1 + 26^2 = 80 + 82 + 171 + 181 + 262 \\ 776 &:= 7^2 + 10^2 + 11^0 + 24^0 + 25^2 = 72 + 102 + 110 + 240 + 252 & 776 &:= 8^0 + 8^2 + 9^1 + 26^1 + 26^2 = 80 + 82 + 91 + 261 + 262 \\ 776 &:= 7^2 + 10^2 + 12^0 + 23^0 + 25^2 = 72 + 102 + 120 + 230 + 252 & 776 &:= 8^1 + 10^0 + 13^2 + 22^1 + 24^2 = 81 + 100 + 132 + 221 + 242 \\ 776 &:= 7^2 + 10^2 + 13^0 + 22^0 + 25^2 = 72 + 102 + 130 + 220 + 252 & 776 &:= 8^1 + 11^2 + 12^0 + 21^1 + 25^2 = 81 + 112 + 120 + 211 + 252 \\ 776 &:= 7^2 + 10^2 + 14^0 + 21^0 + 25^2 = 72 + 102 + 140 + 210 + 252 & 776 &:= 8^1 + 13^1 + 15^2 + 18^0 + 23^2 = 81 + 131 + 152 + 180 + 232 \\ 776 &:= 7^2 + 10^2 + 15^0 + 20^0 + 25^2 = 72 + 102 + 150 + 200 + 252 & 776 &:= 8^1 + 9^2 + 10^1 + 24^0 + 26^2 = 81 + 92 + 101 + 240 + 262 \\ 776 &:= 7^2 + 10^2 + 16^0 + 19^0 + 25^2 = 72 + 102 + 160 + 190 + 252 & 776 &:= 8^1 + 9^3 + 11^1 + 22^0 + 27^1 = 81 + 93 + 111 + 220 + 271 \\ 776 &:= 7^2 + 10^2 + 17^0 + 18^0 + 25^2 = 72 + 102 + 170 + 180 + 252 & 776 &:= 8^1 + 9^3 + 12^1 + 22^0 + 26^1 = 81 + 93 + 121 + 220 + 261 \\ 776 &:= 7^2 + 11^0 + 14^2 + 22^0 + 23^2 = 72 + 110 + 142 + 220 + 232 & 776 &:= 8^1 + 9^3 + 13^1 + 22^0 + 25^1 = 81 + 93 + 131 + 220 + 251 \\ 776 &:= 7^2 + 12^0 + 14^2 + 21^0 + 23^2 = 72 + 120 + 142 + 210 + 232 & 776 &:= 8^1 + 9^3 + 14^1 + 22^0 + 24^1 = 81 + 93 + 141 + 220 + 241 \\ 776 &:= 7^2 + 13^0 + 14^2 + 20^0 + 23^2 = 72 + 130 + 142 + 200 + 232 & 776 &:= 8^1 + 9^3 + 15^1 + 22^0 + 23^1 = 81 + 93 + 151 + 220 + 231 \\ 776 &:= 7^2 + 14^0 + 14^2 + 19^0 + 23^2 = 72 + 140 + 142 + 190 + 232 & 776 &:= 8^1 + 9^3 + 16^1 + 22^0 + 22^1 = 81 + 93 + 161 + 220 + 221 \\ 776 &:= 7^2 + 14^2 + 15^0 + 18^0 + 23^2 = 72 + 142 + 150 + 180 + 232 & 776 &:= 8^1 + 9^3 + 17^1 + 21^1 + 22^0 = 81 + 93 + 171 + 211 + 220 \\ 776 &:= 7^2 + 14^2 + 16^0 + 17^0 + 23^2 = 72 + 142 + 160 + 170 + 232 & 776 &:= 8^1 + 9^3 + 18^1 + 20^1 + 22^0 = 81 + 93 + 181 + 201 + 220 \\ 776 &:= 7^2 + 7^2 + 10^0 + 26^2 + 27^0 = 72 + 72 + 100 + 262 + 270 & 776 &:= 8^1 + 9^3 + 19^1 + 19^1 + 22^0 = 81 + 93 + 191 + 191 + 220 \\ 776 &:= 7^2 + 7^2 + 11^0 + 26^0 + 26^2 = 72 + 72 + 110 + 260 + 262 & 776 &:= 9^0 + 11^2 + 13^2 + 22^0 + 22^2 = 90 + 112 + 132 + 220 + 222 \\ 776 &:= 7^2 + 7^2 + 12^0 + 25^0 + 26^2 = 72 + 72 + 120 + 250 + 262 & 776 &:= 9^0 + 14^2 + 17^2 + 17^2 + 20^0 = 90 + 142 + 172 + 172 + 200 \\ 776 &:= 7^2 + 7^2 + 13^0 + 24^0 + 26^2 = 72 + 72 + 130 + 240 + 262 & 776 &:= 9^0 + 15^2 + 15^2 + 18^2 + 20^0 = 90 + 152 + 152 + 182 + 200 \\ 776 &:= 7^2 + 7^2 + 14^0 + 23^0 + 26^2 = 72 + 72 + 140 + 230 + 262 & 776 &:= 9^1 + 10^0 + 13^2 + 21^1 + 24^2 = 91 + 100 + 132 + 211 + 242 \\ 776 &:= 7^2 + 7^2 + 15^0 + 22^0 + 26^2 = 72 + 72 + 150 + 220 + 262 & 776 &:= 9^1 + 11^2 + 12^0 + 20^1 + 25^2 = 91 + 112 + 120 + 201 + 252 \\ 776 &:= 7^2 + 7^2 + 16^0 + 21^0 + 26^2 = 72 + 72 + 160 + 210 + 262 & 776 &:= 9^1 + 12^1 + 15^2 + 18^0 + 23^2 = 91 + 121 + 152 + 180 + 232 \\ 776 &:= 7^2 + 7^2 + 17^0 + 20^0 + 26^2 = 72 + 72 + 170 + 200 + 262 & 776 &:= 9^1 + 9^1 + 9^2 + 24^0 + 26^2 = 91 + 91 + 92 + 240 + 262 \\ 776 &:= 7^2 + 7^2 + 18^0 + 19^0 + 26^2 = 72 + 72 + 180 + 190 + 262 & 776 &:= 9^1 + 9^3 + 10^1 + 22^0 + 27^1 = 91 + 93 + 101 + 220 + 271 \\ 776 &:= 7^2 + 8^0 + 10^2 + 25^2 + 27^0 = 72 + 80 + 102 + 252 + 270 & 776 &:= 9^1 + 9^3 + 11^1 + 22^0 + 26^1 = 91 + 93 + 111 + 220 + 261 \\ 776 &:= 7^2 + 8^0 + 14^2 + 23^2 + 25^0 = 72 + 80 + 142 + 232 + 250 & 776 &:= 9^1 + 9^3 + 12^1 + 22^0 + 25^1 = 91 + 93 + 121 + 220 + 251 \\ 776 &:= 7^2 + 9^0 + 10^2 + 25^2 + 26^0 = 72 + 90 + 102 + 252 + 260 & 776 &:= 9^1 + 9^3 + 13^1 + 22^0 + 24^1 = 91 + 93 + 131 + 220 + 241 \\ 776 &:= 7^2 + 9^0 + 14^2 + 23^2 + 24^0 = 72 + 90 + 142 + 232 + 240 & 776 &:= 9^1 + 9^3 + 14^1 + 22^0 + 23^1 = 91 + 93 + 141 + 220 + 231 \\ 776 &:= 8^0 + 11^2 + 13^2 + 22^2 + 23^0 = 80 + 112 + 132 + 222 + 230 & 776 &:= 9^1 + 9^3 + 15^1 + 22^0 + 22^1 = 91 + 93 + 151 + 220 + 221 \\ 776 &:= 8^0 + 14^2 + 17^2 + 17^2 + 21^0 = 80 + 142 + 172 + 172 + 210 & 776 &:= 9^1 + 9^3 + 16^1 + 21^1 + 22^0 = 91 + 93 + 161 + 211 + 220 \\ 776 &:= 8^0 + 15^2 + 15^2 + 18^2 + 21^0 = 80 + 152 + 152 + 182 + 210 & 776 &:= 9^1 + 9^3 + 17^1 + 20^1 + 22^0 = 91 + 93 + 171 + 201 + 220 \\ 776 &:= 8^0 + 8^1 + 8^2 + 26^2 + 27^1 = 80 + 81 + 82 + 262 + 271 & 776 &:= 9^1 + 9^3 + 18^1 + 19^1 + 22^0 = 91 + 93 + 181 + 191 + 220 \\ 776 &:= 8^0 + 8^2 + 10^1 + 25^1 + 26^2 = 80 + 82 + 101 + 251 + 262 & 776 &:= 9^3 + 10^1 + 10^1 + 22^0 + 26^1 = 93 + 101 + 101 + 220 + 261 \\ 776 &:= 8^0 + 8^2 + 11^1 + 24^1 + 26^2 = 80 + 82 + 111 + 241 + 262 & 776 &:= 9^3 + 10^1 + 11^1 + 22^0 + 25^1 = 93 + 101 + 111 + 220 + 251 \\ 776 &:= 8^0 + 8^2 + 12^1 + 23^1 + 26^2 = 80 + 82 + 121 + 231 + 262 & 776 &:= 9^3 + 10^1 + 12^1 + 22^0 + 24^1 = 93 + 101 + 121 + 220 + 241 \\ 776 &:= 8^0 + 8^2 + 13^1 + 22^1 + 26^2 = 80 + 82 + 131 + 221 + 262 & 776 &:= 9^3 + 10^1 + 13^1 + 22^0 + 23^1 = 93 + 101 + 131 + 220 + 231 \end{aligned}$$

$776 := 9^3 + 10^1 + 14^1 + 22^0 + 22^1 = 93 + 101 + 141 + 220 + 221$	$776 := 9^3 + 12^1 + 14^1 + 20^1 + 22^0 = 93 + 121 + 141 + 201 + 220$
$776 := 9^3 + 10^1 + 15^1 + 21^1 + 22^0 = 93 + 101 + 151 + 211 + 220$	$776 := 9^3 + 12^1 + 15^1 + 19^1 + 22^0 = 93 + 121 + 151 + 191 + 220$
$776 := 9^3 + 10^1 + 16^1 + 20^1 + 22^0 = 93 + 101 + 161 + 201 + 220$	$776 := 9^3 + 12^1 + 16^1 + 18^1 + 22^0 = 93 + 121 + 161 + 181 + 220$
$776 := 9^3 + 10^1 + 17^1 + 19^1 + 22^0 = 93 + 101 + 171 + 191 + 220$	$776 := 9^3 + 12^1 + 17^1 + 17^1 + 22^0 = 93 + 121 + 171 + 171 + 220$
$776 := 9^3 + 10^1 + 18^1 + 18^1 + 22^0 = 93 + 101 + 181 + 181 + 220$	$776 := 9^3 + 13^1 + 13^1 + 20^1 + 22^0 = 93 + 131 + 131 + 201 + 220$
$776 := 9^3 + 11^1 + 11^1 + 22^0 + 24^1 = 93 + 111 + 111 + 220 + 241$	$776 := 9^3 + 13^1 + 14^1 + 19^1 + 22^0 = 93 + 131 + 141 + 191 + 220$
$776 := 9^3 + 11^1 + 12^1 + 22^0 + 23^1 = 93 + 111 + 121 + 220 + 231$	$776 := 9^3 + 13^1 + 15^1 + 18^1 + 22^0 = 93 + 131 + 151 + 181 + 220$
$776 := 9^3 + 11^1 + 13^1 + 22^0 + 22^1 = 93 + 111 + 131 + 220 + 221$	$776 := 9^3 + 13^1 + 16^1 + 17^1 + 22^0 = 93 + 131 + 161 + 171 + 220$
$776 := 9^3 + 11^1 + 14^1 + 21^1 + 22^0 = 93 + 111 + 141 + 211 + 220$	$776 := 9^3 + 14^1 + 14^1 + 18^1 + 22^0 = 93 + 141 + 141 + 181 + 220$
$776 := 9^3 + 11^1 + 15^1 + 20^1 + 22^0 = 93 + 111 + 151 + 201 + 220$	$776 := 9^3 + 14^1 + 15^1 + 17^1 + 22^0 = 93 + 141 + 151 + 171 + 220$
$776 := 9^3 + 11^1 + 16^1 + 19^1 + 22^0 = 93 + 111 + 161 + 191 + 220$	$776 := 9^3 + 14^1 + 16^1 + 16^1 + 22^0 = 93 + 141 + 161 + 161 + 220$
$776 := 9^3 + 11^1 + 17^1 + 18^1 + 22^0 = 93 + 111 + 171 + 181 + 220$	$776 := 9^3 + 15^1 + 15^1 + 16^1 + 22^0 = 93 + 151 + 151 + 161 + 220$
$776 := 9^3 + 12^1 + 12^1 + 22^0 + 22^1 = 93 + 121 + 121 + 220 + 221$	
$776 := 9^3 + 12^1 + 13^1 + 21^1 + 22^0 = 93 + 121 + 131 + 211 + 220$	

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$777 := 3^6 + 27^0 + 47^1 = 36 + 270 + 471$	$777 := 3^6 + 9^0 + 19^0 + 46^1 = 36 + 90 + 190 + 461$
$777 := 1^0 + 3^6 + 27^0 + 46^1 = 10 + 36 + 270 + 461$	$777 := 4^2 + 14^2 + 23^2 + 36^1 = 42 + 142 + 232 + 361$
$777 := 1^3 + 9^3 + 21^0 + 46^1 = 13 + 93 + 210 + 461$	$777 := 4^3 + 6^2 + 26^2 + 41^0 = 43 + 62 + 262 + 410$
$777 := 1^4 + 3^0 + 27^2 + 46^1 = 14 + 30 + 272 + 461$	$777 := 4^4 + 15^0 + 22^2 + 36^1 = 44 + 150 + 222 + 361$
$777 := 11^2 + 15^2 + 20^2 + 31^1 = 112 + 152 + 202 + 311$	$777 := 5^2 + 6^2 + 26^2 + 40^1 = 52 + 62 + 262 + 401$
$777 := 13^2 + 17^2 + 17^2 + 30^1 = 132 + 172 + 172 + 301$	$777 := 5^4 + 10^2 + 11^0 + 51^1 = 54 + 102 + 110 + 511$
$777 := 2^0 + 3^6 + 26^0 + 46^1 = 20 + 36 + 260 + 461$	$777 := 5^4 + 11^2 + 30^1 + 31^0 = 54 + 112 + 301 + 310$
$777 := 2^3 + 9^3 + 27^0 + 39^1 = 23 + 93 + 270 + 391$	$777 := 5^4 + 7^1 + 12^2 + 53^0 = 54 + 71 + 122 + 530$
$777 := 2^4 + 17^0 + 27^2 + 31^1 = 24 + 170 + 272 + 311$	$777 := 6^3 + 8^3 + 15^0 + 48^1 = 63 + 83 + 150 + 481$
$777 := 3^0 + 3^6 + 25^0 + 46^1 = 30 + 36 + 250 + 461$	$777 := 7^3 + 12^2 + 17^2 + 41^0 = 73 + 122 + 172 + 410$
$777 := 3^3 + 9^3 + 20^1 + 45^0 = 33 + 93 + 201 + 450$	$777 := 8^2 + 14^2 + 22^2 + 33^1 = 82 + 142 + 222 + 331$
$777 := 3^4 + 19^1 + 26^2 + 29^0 = 34 + 191 + 262 + 290$	$777 := 1^1 + 3^3 + 19^1 + 27^0 + 27^2 = 11 + 33 + 191 + 270 + 272$
$777 := 3^6 + 10^0 + 18^0 + 46^1 = 36 + 100 + 180 + 461$	$777 := 1^1 + 5^3 + 21^0 + 25^1 + 25^2 = 11 + 53 + 210 + 251 + 252$
$777 := 3^6 + 11^0 + 17^0 + 46^1 = 36 + 110 + 170 + 461$	$777 := 1^2 + 10^1 + 18^2 + 21^2 + 27^0 = 12 + 101 + 182 + 212 + 270$
$777 := 3^6 + 12^0 + 16^0 + 46^1 = 36 + 120 + 160 + 461$	$777 := 1^2 + 14^1 + 19^2 + 20^2 + 23^0 = 12 + 141 + 192 + 202 + 230$
$777 := 3^6 + 13^0 + 15^0 + 46^1 = 36 + 130 + 150 + 461$	$777 := 1^2 + 15^2 + 17^0 + 21^1 + 23^2 = 12 + 152 + 170 + 211 + 232$
$777 := 3^6 + 14^0 + 14^0 + 46^1 = 36 + 140 + 140 + 461$	$777 := 1^2 + 5^2 + 21^1 + 23^0 + 27^2 = 12 + 52 + 211 + 230 + 272$
$777 := 3^6 + 4^0 + 24^0 + 46^1 = 36 + 40 + 240 + 461$	$777 := 1^2 + 9^2 + 18^1 + 23^0 + 26^2 = 12 + 92 + 181 + 230 + 262$
$777 := 3^6 + 5^0 + 23^0 + 46^1 = 36 + 50 + 230 + 461$	$777 := 1^2 + 9^3 + 19^1 + 21^0 + 27^1 = 12 + 93 + 191 + 210 + 271$
$777 := 3^6 + 6^0 + 22^0 + 46^1 = 36 + 60 + 220 + 461$	$777 := 1^2 + 9^3 + 20^1 + 21^0 + 26^1 = 12 + 93 + 201 + 210 + 261$
$777 := 3^6 + 7^0 + 21^0 + 46^1 = 36 + 70 + 210 + 461$	$777 := 1^2 + 9^3 + 21^0 + 21^1 + 25^1 = 12 + 93 + 210 + 211 + 251$
$777 := 3^6 + 8^0 + 20^0 + 46^1 = 36 + 80 + 200 + 461$	$777 := 1^2 + 9^3 + 21^0 + 22^1 + 24^1 = 12 + 93 + 210 + 221 + 241$

$$\begin{aligned} 777 &:= 1^2 + 9^3 + 21^0 + 23^1 + 23^1 = 12 + 93 + 210 + 231 + 231 & 777 &:= 2^3 + 9^0 + 15^1 + 24^1 + 27^2 = 23 + 90 + 151 + 241 + 272 \\ 777 &:= 1^3 + 3^0 + 19^1 + 27^1 + 27^2 = 13 + 30 + 191 + 271 + 272 & 777 &:= 2^3 + 9^0 + 16^1 + 23^1 + 27^2 = 23 + 90 + 161 + 231 + 272 \\ 777 &:= 1^3 + 3^0 + 20^1 + 26^1 + 27^2 = 13 + 30 + 201 + 261 + 272 & 777 &:= 2^3 + 9^0 + 17^1 + 22^1 + 27^2 = 23 + 90 + 171 + 221 + 272 \\ 777 &:= 1^3 + 3^0 + 21^1 + 25^1 + 27^2 = 13 + 30 + 211 + 251 + 272 & 777 &:= 2^3 + 9^0 + 18^1 + 21^1 + 27^2 = 23 + 90 + 181 + 211 + 272 \\ 777 &:= 1^3 + 3^0 + 22^1 + 24^1 + 27^2 = 13 + 30 + 221 + 241 + 272 & 777 &:= 2^3 + 9^0 + 19^1 + 20^1 + 27^2 = 23 + 90 + 191 + 201 + 272 \\ 777 &:= 1^3 + 3^0 + 23^1 + 23^1 + 27^2 = 13 + 30 + 231 + 231 + 272 & 777 &:= 3^0 + 13^2 + 16^2 + 18^2 + 27^1 = 30 + 132 + 162 + 182 + 271 \\ 777 &:= 1^7 + 2^7 + 22^1 + 25^2 + 26^0 = 17 + 27 + 221 + 252 + 260 & 777 &:= 3^0 + 3^4 + 18^1 + 26^2 + 27^0 = 30 + 34 + 181 + 262 + 270 \\ 777 &:= 1^9 + 3^6 + 19^1 + 26^0 + 27^1 = 19 + 36 + 191 + 260 + 271 & 777 &:= 3^1 + 3^3 + 17^1 + 27^0 + 27^2 = 31 + 33 + 171 + 270 + 272 \\ 777 &:= 1^9 + 3^6 + 20^1 + 26^0 + 26^1 = 19 + 36 + 201 + 260 + 261 & 777 &:= 3^1 + 5^3 + 21^0 + 23^1 + 25^2 = 31 + 53 + 210 + 231 + 252 \\ 777 &:= 1^9 + 3^6 + 21^1 + 25^1 + 26^0 = 19 + 36 + 211 + 251 + 260 & 777 &:= 3^2 + 11^2 + 17^0 + 21^1 + 25^2 = 32 + 112 + 170 + 211 + 252 \\ 777 &:= 1^9 + 3^6 + 22^1 + 24^1 + 26^0 = 19 + 36 + 221 + 241 + 260 & 777 &:= 3^2 + 13^1 + 15^2 + 23^0 + 23^2 = 32 + 131 + 152 + 230 + 232 \\ 777 &:= 1^9 + 3^6 + 23^1 + 23^1 + 26^0 = 19 + 36 + 231 + 231 + 260 & 777 &:= 3^2 + 13^2 + 15^0 + 22^1 + 24^2 = 32 + 132 + 150 + 221 + 242 \\ 777 &:= 10^1 + 10^2 + 15^2 + 21^0 + 21^2 = 101 + 102 + 152 + 210 + 212 & 777 &:= 3^2 + 4^2 + 21^0 + 22^1 + 27^2 = 32 + 42 + 210 + 221 + 272 \\ 777 &:= 10^2 + 11^0 + 16^2 + 20^1 + 20^2 = 102 + 110 + 162 + 201 + 202 & 777 &:= 3^2 + 8^2 + 13^0 + 26^2 + 27^1 = 32 + 82 + 130 + 262 + 271 \\ 777 &:= 11^0 + 12^2 + 17^2 + 18^2 + 19^1 = 110 + 122 + 172 + 182 + 191 & 777 &:= 3^2 + 9^0 + 16^2 + 22^2 + 27^1 = 32 + 90 + 162 + 222 + 271 \\ 777 &:= 11^1 + 13^2 + 14^2 + 19^0 + 20^2 = 111 + 132 + 142 + 190 + 202 & 777 &:= 3^2 + 9^3 + 11^1 + 27^0 + 27^1 = 32 + 93 + 111 + 270 + 271 \\ 777 &:= 11^2 + 13^0 + 14^2 + 18^1 + 21^2 = 112 + 130 + 142 + 181 + 212 & 777 &:= 3^2 + 9^3 + 12^1 + 26^1 + 27^0 = 32 + 93 + 121 + 261 + 270 \\ 777 &:= 12^2 + 15^0 + 15^1 + 16^2 + 19^2 = 122 + 150 + 151 + 162 + 192 & 777 &:= 3^2 + 9^3 + 13^1 + 25^1 + 27^0 = 32 + 93 + 131 + 251 + 270 \\ 777 &:= 2^1 + 14^2 + 17^2 + 17^2 + 27^0 = 21 + 142 + 172 + 172 + 270 & 777 &:= 3^2 + 9^3 + 14^1 + 24^1 + 27^0 = 32 + 93 + 141 + 241 + 270 \\ 777 &:= 2^1 + 15^2 + 15^2 + 18^2 + 27^0 = 21 + 152 + 152 + 182 + 270 & 777 &:= 3^2 + 9^3 + 15^1 + 23^1 + 27^0 = 32 + 93 + 151 + 231 + 270 \\ 777 &:= 2^1 + 3^3 + 18^1 + 27^0 + 27^2 = 21 + 33 + 181 + 270 + 272 & 777 &:= 3^2 + 9^3 + 16^1 + 22^1 + 27^0 = 32 + 93 + 161 + 221 + 270 \\ 777 &:= 2^1 + 5^3 + 21^0 + 24^1 + 25^2 = 21 + 53 + 210 + 241 + 252 & 777 &:= 3^2 + 9^3 + 17^1 + 21^1 + 27^0 = 32 + 93 + 171 + 211 + 270 \\ 777 &:= 2^2 + 11^0 + 13^2 + 24^2 + 27^1 = 22 + 110 + 132 + 242 + 271 & 777 &:= 3^2 + 9^3 + 18^1 + 20^1 + 27^0 = 32 + 93 + 181 + 201 + 270 \\ 777 &:= 2^2 + 11^1 + 19^2 + 20^2 + 25^0 = 22 + 111 + 192 + 202 + 250 & 777 &:= 3^2 + 9^3 + 19^1 + 19^1 + 27^0 = 32 + 93 + 191 + 191 + 270 \\ 777 &:= 2^2 + 11^2 + 13^0 + 25^2 + 26^1 = 22 + 112 + 130 + 252 + 261 & 777 &:= 3^3 + 10^1 + 10^1 + 27^0 + 27^2 = 33 + 101 + 101 + 270 + 272 \\ 777 &:= 2^2 + 15^2 + 18^1 + 19^0 + 23^2 = 22 + 152 + 181 + 190 + 232 & 777 &:= 3^3 + 4^1 + 16^1 + 27^0 + 27^2 = 33 + 41 + 161 + 270 + 272 \\ 777 &:= 2^2 + 4^2 + 17^0 + 27^1 + 27^2 = 22 + 42 + 170 + 271 + 272 & 777 &:= 3^3 + 5^1 + 15^1 + 27^0 + 27^2 = 33 + 51 + 151 + 270 + 272 \\ 777 &:= 2^2 + 5^2 + 18^1 + 25^0 + 27^2 = 22 + 52 + 181 + 250 + 272 & 777 &:= 3^3 + 6^1 + 14^1 + 27^0 + 27^2 = 33 + 61 + 141 + 270 + 272 \\ 777 &:= 2^2 + 9^2 + 15^1 + 25^0 + 26^2 = 22 + 92 + 151 + 250 + 262 & 777 &:= 3^3 + 7^1 + 13^1 + 27^0 + 27^2 = 33 + 71 + 131 + 270 + 272 \\ 777 &:= 2^2 + 9^3 + 16^1 + 23^0 + 27^1 = 22 + 93 + 161 + 230 + 271 & 777 &:= 3^3 + 8^1 + 12^1 + 27^0 + 27^2 = 33 + 81 + 121 + 270 + 272 \\ 777 &:= 2^2 + 9^3 + 17^1 + 23^0 + 26^1 = 22 + 93 + 171 + 230 + 261 & 777 &:= 3^3 + 9^1 + 11^1 + 27^0 + 27^2 = 33 + 91 + 111 + 270 + 272 \\ 777 &:= 2^2 + 9^3 + 18^1 + 23^0 + 25^1 = 22 + 93 + 181 + 230 + 251 & 777 &:= 3^3 + 9^3 + 19^0 + 19^1 + 27^0 = 33 + 93 + 190 + 191 + 270 \\ 777 &:= 2^2 + 9^3 + 19^1 + 23^0 + 24^1 = 22 + 93 + 191 + 230 + 241 & 777 &:= 3^3 + 9^3 + 19^1 + 20^0 + 26^0 = 33 + 93 + 191 + 200 + 260 \\ 777 &:= 2^2 + 9^3 + 20^1 + 23^0 + 23^1 = 22 + 93 + 201 + 230 + 231 & 777 &:= 3^3 + 9^3 + 19^1 + 21^0 + 25^0 = 33 + 93 + 191 + 210 + 250 \\ 777 &:= 2^2 + 9^3 + 21^1 + 22^1 + 23^0 = 22 + 93 + 211 + 221 + 230 & 777 &:= 3^3 + 9^3 + 19^1 + 22^0 + 24^0 = 33 + 93 + 191 + 220 + 240 \\ 777 &:= 2^3 + 9^0 + 12^1 + 27^1 + 27^2 = 23 + 90 + 121 + 271 + 272 & 777 &:= 3^3 + 9^3 + 19^1 + 23^0 + 23^0 = 33 + 93 + 191 + 230 + 230 \\ 777 &:= 2^3 + 9^0 + 13^1 + 26^1 + 27^2 = 23 + 90 + 131 + 261 + 272 & 777 &:= 3^4 + 10^0 + 18^1 + 20^0 + 26^2 = 34 + 100 + 181 + 200 + 262 \\ 777 &:= 2^3 + 9^0 + 14^1 + 25^1 + 27^2 = 23 + 90 + 141 + 251 + 272 & 777 &:= 3^4 + 11^0 + 18^1 + 19^0 + 26^2 = 34 + 110 + 181 + 190 + 262 \end{aligned}$$

$$\begin{aligned} 777 &:= 3^4 + 12^0 + 18^0 + 18^1 + 26^2 = 34 + 120 + 180 + 181 + 262 & 777 &:= 5^2 + 13^0 + 17^2 + 21^1 + 21^2 = 52 + 130 + 172 + 211 + 212 \\ 777 &:= 3^4 + 13^0 + 17^0 + 18^1 + 26^2 = 34 + 130 + 170 + 181 + 262 & 777 &:= 5^2 + 5^3 + 15^0 + 25^2 + 27^0 = 52 + 53 + 150 + 252 + 270 \\ 777 &:= 3^4 + 14^0 + 16^0 + 18^1 + 26^2 = 34 + 140 + 160 + 181 + 262 & 777 &:= 5^2 + 5^3 + 16^0 + 25^2 + 26^0 = 52 + 53 + 160 + 252 + 260 \\ 777 &:= 3^4 + 15^0 + 15^0 + 18^1 + 26^2 = 34 + 150 + 150 + 181 + 262 & 777 &:= 5^2 + 5^3 + 17^0 + 25^0 + 25^2 = 52 + 53 + 170 + 250 + 252 \\ 777 &:= 3^4 + 4^0 + 18^1 + 26^0 + 26^2 = 34 + 40 + 181 + 260 + 262 & 777 &:= 5^2 + 5^3 + 18^0 + 24^0 + 25^2 = 52 + 53 + 180 + 240 + 252 \\ 777 &:= 3^4 + 5^0 + 18^1 + 25^0 + 26^2 = 34 + 50 + 181 + 250 + 262 & 777 &:= 5^2 + 5^3 + 19^0 + 23^0 + 25^2 = 52 + 53 + 190 + 230 + 252 \\ 777 &:= 3^4 + 6^0 + 18^1 + 24^0 + 26^2 = 34 + 60 + 181 + 240 + 262 & 777 &:= 5^2 + 5^3 + 20^0 + 22^0 + 25^2 = 52 + 53 + 200 + 220 + 252 \\ 777 &:= 3^4 + 7^0 + 18^1 + 23^0 + 26^2 = 34 + 70 + 181 + 230 + 262 & 777 &:= 5^2 + 5^3 + 21^0 + 21^0 + 25^2 = 52 + 53 + 210 + 210 + 252 \\ 777 &:= 3^4 + 8^0 + 18^1 + 22^0 + 26^2 = 34 + 80 + 181 + 220 + 262 & 777 &:= 5^2 + 7^0 + 18^2 + 20^2 + 27^1 = 52 + 70 + 182 + 202 + 271 \\ 777 &:= 3^4 + 9^0 + 18^1 + 21^0 + 26^2 = 34 + 90 + 181 + 210 + 262 & 777 &:= 5^2 + 7^2 + 13^0 + 26^1 + 26^2 = 52 + 72 + 130 + 261 + 262 \\ 777 &:= 4^1 + 12^2 + 12^2 + 22^2 + 27^0 = 41 + 122 + 122 + 222 + 270 & 777 &:= 5^2 + 8^2 + 11^1 + 26^2 + 27^0 = 52 + 82 + 111 + 262 + 270 \\ 777 &:= 4^1 + 5^3 + 21^0 + 22^1 + 25^2 = 41 + 53 + 210 + 221 + 252 & 777 &:= 5^2 + 9^0 + 14^2 + 23^2 + 26^1 = 52 + 90 + 142 + 232 + 261 \\ 777 &:= 4^1 + 6^3 + 17^0 + 23^2 + 27^1 = 41 + 63 + 170 + 232 + 271 & 777 &:= 5^3 + 10^0 + 17^2 + 19^2 + 26^0 = 53 + 100 + 172 + 192 + 260 \\ 777 &:= 4^2 + 11^2 + 14^1 + 23^0 + 25^2 = 42 + 112 + 141 + 230 + 252 & 777 &:= 5^3 + 10^1 + 16^1 + 21^0 + 25^2 = 53 + 101 + 161 + 210 + 252 \\ 777 &:= 4^2 + 13^2 + 15^1 + 21^0 + 24^2 = 42 + 132 + 151 + 210 + 242 & 777 &:= 5^3 + 11^0 + 11^2 + 23^2 + 27^0 = 53 + 110 + 112 + 232 + 270 \\ 777 &:= 4^2 + 15^0 + 16^2 + 20^1 + 22^2 = 42 + 150 + 162 + 201 + 222 & 777 &:= 5^3 + 11^0 + 17^2 + 19^2 + 25^0 = 53 + 110 + 172 + 192 + 250 \\ 777 &:= 4^2 + 4^2 + 15^1 + 27^0 + 27^2 = 42 + 42 + 151 + 270 + 272 & 777 &:= 5^3 + 11^1 + 15^1 + 21^0 + 25^2 = 53 + 111 + 151 + 210 + 252 \\ 777 &:= 4^2 + 8^2 + 19^0 + 20^1 + 26^2 = 42 + 82 + 190 + 201 + 262 & 777 &:= 5^3 + 11^2 + 12^0 + 23^2 + 26^0 = 53 + 112 + 120 + 232 + 260 \\ 777 &:= 4^3 + 10^1 + 11^0 + 26^1 + 26^2 = 43 + 101 + 110 + 261 + 262 & 777 &:= 5^3 + 11^2 + 13^0 + 23^2 + 25^0 = 53 + 112 + 130 + 232 + 250 \\ 777 &:= 4^3 + 11^0 + 11^1 + 25^1 + 26^2 = 43 + 110 + 111 + 251 + 262 & 777 &:= 5^3 + 11^2 + 14^0 + 23^2 + 24^0 = 53 + 112 + 140 + 232 + 240 \\ 777 &:= 4^3 + 11^0 + 12^1 + 24^1 + 26^2 = 43 + 110 + 121 + 241 + 262 & 777 &:= 5^3 + 11^2 + 15^0 + 23^0 + 23^2 = 53 + 112 + 150 + 230 + 232 \\ 777 &:= 4^3 + 11^0 + 13^1 + 23^1 + 26^2 = 43 + 110 + 131 + 231 + 262 & 777 &:= 5^3 + 11^2 + 16^0 + 22^0 + 23^2 = 53 + 112 + 160 + 220 + 232 \\ 777 &:= 4^3 + 11^0 + 14^1 + 22^1 + 26^2 = 43 + 110 + 141 + 221 + 262 & 777 &:= 5^3 + 11^2 + 17^0 + 21^0 + 23^2 = 53 + 112 + 170 + 210 + 232 \\ 777 &:= 4^3 + 11^0 + 15^1 + 21^1 + 26^2 = 43 + 110 + 151 + 211 + 262 & 777 &:= 5^3 + 11^2 + 18^0 + 20^0 + 23^2 = 53 + 112 + 180 + 200 + 232 \\ 777 &:= 4^3 + 11^0 + 16^1 + 20^1 + 26^2 = 43 + 110 + 161 + 201 + 262 & 777 &:= 5^3 + 11^2 + 19^0 + 19^0 + 23^2 = 53 + 112 + 190 + 190 + 232 \\ 777 &:= 4^3 + 11^0 + 17^1 + 19^1 + 26^2 = 43 + 110 + 171 + 191 + 262 & 777 &:= 5^3 + 12^0 + 17^2 + 19^2 + 24^0 = 53 + 120 + 172 + 192 + 240 \\ 777 &:= 4^3 + 11^0 + 18^1 + 18^1 + 26^2 = 43 + 110 + 181 + 181 + 262 & 777 &:= 5^3 + 12^1 + 14^1 + 21^0 + 25^2 = 53 + 121 + 141 + 210 + 252 \\ 777 &:= 4^3 + 9^1 + 11^0 + 26^2 + 27^1 = 43 + 91 + 110 + 262 + 271 & 777 &:= 5^3 + 13^0 + 17^2 + 19^2 + 23^0 = 53 + 130 + 172 + 192 + 230 \\ 777 &:= 5^0 + 10^2 + 17^2 + 19^2 + 26^1 = 50 + 102 + 172 + 192 + 261 & 777 &:= 5^3 + 13^1 + 13^1 + 21^0 + 25^2 = 53 + 131 + 131 + 210 + 252 \\ 777 &:= 5^0 + 11^2 + 12^2 + 22^2 + 27^1 = 50 + 112 + 122 + 222 + 271 & 777 &:= 5^3 + 14^0 + 17^2 + 19^2 + 22^0 = 53 + 140 + 172 + 192 + 220 \\ 777 &:= 5^0 + 8^2 + 18^2 + 19^2 + 27^1 = 50 + 82 + 182 + 192 + 271 & 777 &:= 5^3 + 15^0 + 17^2 + 19^2 + 21^0 = 53 + 150 + 172 + 192 + 210 \\ 777 &:= 5^1 + 11^2 + 11^2 + 23^2 + 27^0 = 51 + 112 + 112 + 232 + 270 & 777 &:= 5^3 + 16^0 + 17^2 + 19^2 + 20^0 = 53 + 160 + 172 + 192 + 200 \\ 777 &:= 5^1 + 11^2 + 17^2 + 19^2 + 25^0 = 51 + 112 + 172 + 192 + 250 & 777 &:= 5^3 + 17^0 + 17^2 + 19^0 + 19^2 = 53 + 170 + 172 + 190 + 192 \\ 777 &:= 5^1 + 5^3 + 21^0 + 21^1 + 25^2 = 51 + 53 + 210 + 211 + 252 & 777 &:= 5^3 + 17^2 + 18^0 + 18^0 + 19^2 = 53 + 172 + 180 + 180 + 192 \\ 777 &:= 5^1 + 6^3 + 17^0 + 23^2 + 26^1 = 51 + 63 + 170 + 232 + 261 & 777 &:= 5^3 + 6^1 + 20^1 + 21^0 + 25^2 = 53 + 61 + 201 + 210 + 252 \\ 777 &:= 5^1 + 7^2 + 19^2 + 19^2 + 27^0 = 51 + 72 + 192 + 192 + 270 & 777 &:= 5^3 + 7^1 + 19^1 + 21^0 + 25^2 = 53 + 71 + 191 + 210 + 252 \\ 777 &:= 5^2 + 10^2 + 11^0 + 25^2 + 26^1 = 52 + 102 + 110 + 252 + 261 & 777 &:= 5^3 + 8^1 + 18^1 + 21^0 + 25^2 = 53 + 81 + 181 + 210 + 252 \\ 777 &:= 5^2 + 11^1 + 16^2 + 22^2 + 23^0 = 52 + 111 + 162 + 222 + 230 & 777 &:= 5^3 + 9^0 + 17^2 + 19^2 + 27^0 = 53 + 90 + 172 + 192 + 270 \end{aligned}$$

$777 := 5^3 + 9^1 + 17^1 + 21^0 + 25^2 = 53 + 91 + 171 + 210 + 252$	$777 := 7^3 + 11^1 + 17^0 + 20^2 + 22^1 = 73 + 111 + 170 + 202 + 221$
$777 := 5^4 + 6^1 + 12^2 + 27^0 + 27^0 = 54 + 61 + 122 + 270 + 270$	$777 := 7^3 + 12^1 + 17^0 + 20^2 + 21^1 = 73 + 121 + 170 + 202 + 211$
$777 := 6^1 + 15^2 + 16^2 + 17^2 + 23^0 = 61 + 152 + 162 + 172 + 230$	$777 := 7^3 + 13^1 + 17^0 + 20^1 + 20^2 = 73 + 131 + 170 + 201 + 202$
$777 := 6^1 + 6^3 + 17^0 + 23^2 + 25^1 = 61 + 63 + 170 + 232 + 251$	$777 := 7^3 + 14^1 + 17^0 + 19^1 + 20^2 = 73 + 141 + 170 + 191 + 202$
$777 := 6^1 + 7^3 + 17^0 + 20^2 + 27^1 = 61 + 73 + 170 + 202 + 271$	$777 := 7^3 + 15^1 + 17^0 + 18^1 + 20^2 = 73 + 151 + 170 + 181 + 202$
$777 := 6^1 + 9^2 + 17^2 + 20^2 + 25^0 = 61 + 92 + 172 + 202 + 250$	$777 := 7^3 + 16^1 + 17^0 + 17^1 + 20^2 = 73 + 161 + 170 + 171 + 202$
$777 := 6^2 + 10^1 + 17^2 + 21^2 + 23^0 = 62 + 101 + 172 + 212 + 230$	$777 := 7^3 + 8^1 + 17^0 + 20^2 + 25^1 = 73 + 81 + 170 + 202 + 251$
$777 := 6^2 + 10^2 + 15^1 + 21^0 + 25^2 = 62 + 102 + 151 + 210 + 252$	$777 := 7^3 + 9^1 + 17^0 + 20^2 + 24^1 = 73 + 91 + 170 + 202 + 241$
$777 := 6^2 + 12^2 + 15^0 + 20^1 + 24^2 = 62 + 122 + 150 + 201 + 242$	$777 := 8^1 + 16^2 + 16^2 + 16^2 + 21^0 = 81 + 162 + 162 + 162 + 210$
$777 := 6^2 + 14^2 + 15^1 + 19^0 + 23^2 = 62 + 142 + 151 + 190 + 232$	$777 := 8^2 + 11^2 + 15^1 + 19^0 + 24^2 = 82 + 112 + 151 + 190 + 242$
$777 := 6^2 + 15^0 + 18^1 + 19^2 + 19^2 = 62 + 150 + 181 + 192 + 192$	$777 := 8^2 + 13^2 + 14^1 + 19^0 + 23^2 = 82 + 132 + 141 + 190 + 232$
$777 := 6^2 + 16^1 + 17^0 + 18^2 + 20^2 = 62 + 161 + 170 + 182 + 202$	$777 := 8^2 + 15^1 + 16^2 + 17^0 + 21^2 = 82 + 151 + 162 + 170 + 212$
$777 := 6^2 + 7^2 + 15^1 + 23^0 + 26^2 = 62 + 72 + 151 + 230 + 262$	$777 := 8^2 + 8^2 + 13^0 + 23^1 + 25^2 = 82 + 82 + 130 + 231 + 252$
$777 := 6^3 + 10^1 + 17^0 + 21^1 + 23^2 = 63 + 101 + 170 + 211 + 232$	$777 := 8^2 + 9^0 + 17^2 + 20^2 + 23^1 = 82 + 90 + 172 + 202 + 231$
$777 := 6^3 + 11^1 + 17^0 + 20^1 + 23^2 = 63 + 111 + 170 + 201 + 232$	$777 := 8^3 + 12^1 + 15^0 + 15^2 + 27^1 = 83 + 121 + 150 + 152 + 271$
$777 := 6^3 + 12^1 + 17^0 + 19^1 + 23^2 = 63 + 121 + 170 + 191 + 232$	$777 := 8^3 + 13^1 + 15^0 + 15^2 + 26^1 = 83 + 131 + 150 + 152 + 261$
$777 := 6^3 + 13^1 + 17^0 + 18^1 + 23^2 = 63 + 131 + 170 + 181 + 232$	$777 := 8^3 + 14^1 + 15^0 + 15^2 + 25^1 = 83 + 141 + 150 + 152 + 251$
$777 := 6^3 + 14^1 + 17^0 + 17^1 + 23^2 = 63 + 141 + 170 + 171 + 232$	$777 := 8^3 + 15^0 + 15^1 + 15^2 + 24^1 = 83 + 150 + 151 + 152 + 241$
$777 := 6^3 + 15^1 + 16^1 + 17^0 + 23^2 = 63 + 151 + 161 + 170 + 232$	$777 := 8^3 + 15^0 + 15^2 + 16^1 + 23^1 = 83 + 150 + 152 + 161 + 231$
$777 := 6^3 + 7^1 + 17^0 + 23^2 + 24^1 = 63 + 71 + 170 + 232 + 241$	$777 := 8^3 + 15^0 + 15^2 + 17^1 + 22^1 = 83 + 150 + 152 + 171 + 221$
$777 := 6^3 + 8^1 + 17^0 + 23^1 + 23^2 = 63 + 81 + 170 + 231 + 232$	$777 := 8^3 + 15^0 + 15^2 + 18^1 + 21^1 = 83 + 150 + 152 + 181 + 211$
$777 := 6^3 + 9^1 + 17^0 + 22^1 + 23^2 = 63 + 91 + 170 + 221 + 232$	$777 := 8^3 + 15^0 + 15^2 + 19^1 + 20^1 = 83 + 150 + 152 + 191 + 201$
$777 := 7^0 + 10^2 + 11^2 + 23^2 + 26^1 = 70 + 102 + 112 + 232 + 261$	$777 := 9^0 + 10^2 + 13^2 + 22^2 + 23^1 = 90 + 102 + 132 + 222 + 231$
$777 := 7^0 + 14^2 + 14^2 + 19^2 + 23^1 = 70 + 142 + 142 + 192 + 231$	$777 := 9^0 + 12^2 + 13^2 + 21^2 + 22^1 = 90 + 122 + 132 + 212 + 221$
$777 := 7^1 + 11^2 + 18^2 + 18^2 + 23^0 = 71 + 112 + 182 + 182 + 230$	$777 := 9^0 + 13^2 + 15^2 + 19^2 + 21^1 = 90 + 132 + 152 + 192 + 211$
$777 := 7^1 + 12^2 + 15^2 + 20^2 + 23^0 = 71 + 122 + 152 + 202 + 230$	$777 := 9^2 + 10^1 + 18^2 + 19^2 + 21^0 = 92 + 101 + 182 + 192 + 210$
$777 := 7^1 + 7^2 + 12^2 + 24^2 + 27^0 = 71 + 72 + 122 + 242 + 270$	$777 := 9^2 + 10^2 + 15^0 + 19^1 + 24^2 = 92 + 102 + 150 + 191 + 242$
$777 := 7^1 + 7^3 + 17^0 + 20^2 + 26^1 = 71 + 73 + 170 + 202 + 261$	$777 := 9^2 + 11^0 + 12^2 + 22^1 + 23^2 = 92 + 110 + 122 + 221 + 232$
$777 := 7^2 + 15^0 + 15^2 + 18^1 + 22^2 = 72 + 150 + 152 + 181 + 222$	$777 := 9^2 + 14^2 + 15^1 + 17^0 + 22^2 = 92 + 142 + 151 + 170 + 222$
$777 := 7^2 + 9^2 + 15^0 + 21^1 + 25^2 = 72 + 92 + 150 + 211 + 252$	
$777 := 7^3 + 10^1 + 17^0 + 20^2 + 23^1 = 73 + 101 + 170 + 202 + 231$	

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$778 := 1^1 + 3^6 + 26^0 + 47^1 = 11 + 36 + 260 + 471$	$778 := 1^7 + 1^8 + 27^2 + 47^1 = 17 + 18 + 272 + 471$
$778 := 1^4 + 10^2 + 26^2 + 40^0 = 14 + 102 + 262 + 400$	$778 := 2^0 + 3^5 + 22^2 + 50^1 = 20 + 35 + 222 + 501$
$778 := 1^4 + 9^3 + 20^0 + 47^1 = 14 + 93 + 200 + 471$	$778 := 2^1 + 3^6 + 26^0 + 46^1 = 21 + 36 + 260 + 461$
$778 := 1^5 + 2^0 + 27^2 + 47^1 = 15 + 20 + 272 + 471$	$778 := 2^4 + 19^2 + 20^2 + 36^0 = 24 + 192 + 202 + 360$
$778 := 1^6 + 1^9 + 27^2 + 47^1 = 16 + 19 + 272 + 471$	$778 := 2^4 + 9^3 + 32^1 + 34^0 = 24 + 93 + 321 + 340$

$778 := 2^5 + 16^1 + 27^2 + 32^0$	$= 25 + 161 + 272 + 320$	$778 := 1^3 + 15^2 + 16^0 + 22^1 + 23^2$	$= 13 + 152 + 160 + 221 + 232$
$778 := 2^8 + 2^9 + 9^1 + 63^0$	$= 28 + 29 + 91 + 630$	$778 := 1^3 + 5^2 + 22^0 + 22^1 + 27^2$	$= 13 + 52 + 220 + 221 + 272$
$778 := 3^1 + 3^6 + 26^0 + 45^1$	$= 31 + 36 + 260 + 451$	$778 := 1^3 + 9^2 + 19^1 + 22^0 + 26^2$	$= 13 + 92 + 191 + 220 + 262$
$778 := 3^3 + 5^3 + 25^2 + 44^0$	$= 33 + 53 + 252 + 440$	$778 := 1^3 + 9^3 + 20^0 + 20^1 + 27^1$	$= 13 + 93 + 200 + 201 + 271$
$778 := 3^5 + 5^1 + 23^2 + 46^0$	$= 35 + 51 + 232 + 460$	$778 := 1^3 + 9^3 + 20^0 + 21^1 + 26^1$	$= 13 + 93 + 200 + 211 + 261$
$778 := 3^6 + 10^1 + 26^0 + 38^1$	$= 36 + 101 + 260 + 381$	$778 := 1^3 + 9^3 + 20^0 + 22^1 + 25^1$	$= 13 + 93 + 200 + 221 + 251$
$778 := 3^6 + 11^1 + 26^0 + 37^1$	$= 36 + 111 + 260 + 371$	$778 := 1^3 + 9^3 + 20^0 + 23^1 + 24^1$	$= 13 + 93 + 200 + 231 + 241$
$778 := 3^6 + 12^1 + 26^0 + 36^1$	$= 36 + 121 + 260 + 361$	$778 := 1^4 + 2^0 + 20^1 + 27^1 + 27^2$	$= 14 + 20 + 201 + 271 + 272$
$778 := 3^6 + 13^1 + 26^0 + 35^1$	$= 36 + 131 + 260 + 351$	$778 := 1^4 + 2^0 + 21^1 + 26^1 + 27^2$	$= 14 + 20 + 211 + 261 + 272$
$778 := 3^6 + 14^1 + 26^0 + 34^1$	$= 36 + 141 + 260 + 341$	$778 := 1^4 + 2^0 + 22^1 + 25^1 + 27^2$	$= 14 + 20 + 221 + 251 + 272$
$778 := 3^6 + 15^1 + 26^0 + 33^1$	$= 36 + 151 + 260 + 331$	$778 := 1^4 + 2^0 + 23^1 + 24^1 + 27^2$	$= 14 + 20 + 231 + 241 + 272$
$778 := 3^6 + 16^1 + 26^0 + 32^1$	$= 36 + 161 + 260 + 321$	$778 := 1^5 + 1^9 + 20^1 + 27^1 + 27^2$	$= 15 + 19 + 201 + 271 + 272$
$778 := 3^6 + 17^1 + 26^0 + 31^1$	$= 36 + 171 + 260 + 311$	$778 := 1^5 + 1^9 + 21^1 + 26^1 + 27^2$	$= 15 + 19 + 211 + 261 + 272$
$778 := 3^6 + 18^1 + 26^0 + 30^1$	$= 36 + 181 + 260 + 301$	$778 := 1^5 + 1^9 + 22^1 + 25^1 + 27^2$	$= 15 + 19 + 221 + 251 + 272$
$778 := 3^6 + 19^1 + 26^0 + 29^1$	$= 36 + 191 + 260 + 291$	$778 := 1^5 + 1^9 + 23^1 + 24^1 + 27^2$	$= 15 + 19 + 231 + 241 + 272$
$778 := 3^6 + 20^1 + 26^0 + 28^1$	$= 36 + 201 + 260 + 281$	$778 := 1^6 + 1^8 + 20^1 + 27^1 + 27^2$	$= 16 + 18 + 201 + 271 + 272$
$778 := 3^6 + 21^1 + 26^0 + 27^1$	$= 36 + 211 + 260 + 271$	$778 := 1^6 + 1^8 + 21^1 + 26^1 + 27^2$	$= 16 + 18 + 211 + 261 + 272$
$778 := 3^6 + 22^1 + 26^0 + 26^1$	$= 36 + 221 + 260 + 261$	$778 := 1^6 + 1^8 + 22^1 + 25^1 + 27^2$	$= 16 + 18 + 221 + 251 + 272$
$778 := 3^6 + 23^1 + 25^1 + 26^0$	$= 36 + 231 + 251 + 260$	$778 := 1^6 + 1^8 + 23^1 + 24^1 + 27^2$	$= 16 + 18 + 231 + 241 + 272$
$778 := 3^6 + 24^1 + 24^1 + 26^0$	$= 36 + 241 + 241 + 260$	$778 := 1^7 + 1^7 + 20^1 + 27^1 + 27^2$	$= 17 + 17 + 201 + 271 + 272$
$778 := 3^6 + 4^1 + 26^0 + 44^1$	$= 36 + 41 + 260 + 441$	$778 := 1^7 + 1^7 + 21^1 + 26^1 + 27^2$	$= 17 + 17 + 211 + 261 + 272$
$778 := 3^6 + 5^1 + 26^0 + 43^1$	$= 36 + 51 + 260 + 431$	$778 := 1^7 + 1^7 + 22^1 + 25^1 + 27^2$	$= 17 + 17 + 221 + 251 + 272$
$778 := 3^6 + 6^1 + 26^0 + 42^1$	$= 36 + 61 + 260 + 421$	$778 := 1^7 + 1^7 + 23^1 + 24^1 + 27^2$	$= 17 + 17 + 231 + 241 + 272$
$778 := 3^6 + 7^1 + 26^0 + 41^1$	$= 36 + 71 + 260 + 411$	$778 := 1^8 + 2^7 + 23^1 + 25^0 + 25^2$	$= 18 + 27 + 231 + 250 + 252$
$778 := 3^6 + 8^1 + 26^0 + 40^1$	$= 36 + 81 + 260 + 401$	$778 := 1^9 + 3^5 + 22^2 + 23^1 + 27^1$	$= 19 + 35 + 222 + 231 + 271$
$778 := 3^6 + 9^1 + 26^0 + 39^1$	$= 36 + 91 + 260 + 391$	$778 := 1^9 + 3^5 + 22^2 + 24^1 + 26^1$	$= 19 + 35 + 222 + 241 + 261$
$778 := 4^4 + 11^2 + 20^2 + 42^0$	$= 44 + 112 + 202 + 420$	$778 := 1^9 + 3^5 + 22^2 + 25^1 + 25^1$	$= 19 + 35 + 222 + 251 + 251$
$778 := 4^4 + 8^3 + 9^1 + 56^0$	$= 44 + 83 + 91 + 560$	$778 := 10^2 + 14^2 + 15^2 + 16^2 + 22^0$	$= 102 + 142 + 152 + 162 + 220$
$778 := 5^3 + 5^4 + 27^1 + 40^0$	$= 53 + 54 + 271 + 400$	$778 := 11^2 + 12^2 + 16^2 + 16^2 + 22^0$	$= 112 + 122 + 162 + 162 + 220$
$778 := 6^3 + 7^2 + 8^3 + 56^0$	$= 63 + 72 + 83 + 560$	$778 := 2^0 + 3^6 + 20^1 + 25^0 + 27^1$	$= 20 + 36 + 201 + 250 + 271$
$778 := 1^0 + 3^6 + 20^1 + 26^0 + 27^1$	$= 10 + 36 + 201 + 260 + 271$	$778 := 2^0 + 3^6 + 21^1 + 25^0 + 26^1$	$= 20 + 36 + 211 + 250 + 261$
$778 := 1^0 + 3^6 + 21^1 + 26^0 + 26^1$	$= 10 + 36 + 211 + 260 + 261$	$778 := 2^0 + 3^6 + 22^1 + 25^0 + 25^1$	$= 20 + 36 + 221 + 250 + 251$
$778 := 1^0 + 3^6 + 22^1 + 25^1 + 26^0$	$= 10 + 36 + 221 + 251 + 260$	$778 := 2^0 + 3^6 + 23^1 + 24^1 + 25^0$	$= 20 + 36 + 231 + 241 + 250$
$778 := 1^0 + 3^6 + 23^1 + 24^1 + 26^0$	$= 10 + 36 + 231 + 241 + 260$	$778 := 2^2 + 5^3 + 22^0 + 23^1 + 25^2$	$= 22 + 53 + 220 + 231 + 252$
$778 := 1^2 + 3^3 + 20^1 + 26^0 + 27^2$	$= 12 + 33 + 201 + 260 + 272$	$778 := 2^3 + 11^2 + 16^0 + 23^1 + 25^2$	$= 23 + 112 + 160 + 231 + 252$
$778 := 1^2 + 5^3 + 20^0 + 25^2 + 26^1$	$= 12 + 53 + 200 + 252 + 261$	$778 := 2^3 + 13^2 + 14^0 + 24^1 + 24^2$	$= 23 + 132 + 140 + 241 + 242$
$778 := 1^3 + 11^1 + 18^2 + 21^2 + 26^0$	$= 13 + 111 + 182 + 212 + 260$	$778 := 2^3 + 15^1 + 15^2 + 22^0 + 23^2$	$= 23 + 151 + 152 + 220 + 232$
$778 := 1^3 + 15^1 + 19^2 + 20^2 + 22^0$	$= 13 + 151 + 192 + 202 + 220$	$778 := 2^3 + 4^2 + 20^0 + 24^1 + 27^2$	$= 23 + 42 + 200 + 241 + 272$

$778 := 2^3 + 8^3 + 16^2 + 24^0 + 27^0 = 23 + 83 + 162 + 240 + 270$	$778 := 3^2 + 5^3 + 18^1 + 25^2 + 26^0 = 32 + 53 + 181 + 252 + 260$
$778 := 2^3 + 8^3 + 16^2 + 25^0 + 26^0 = 23 + 83 + 162 + 250 + 260$	$778 := 3^2 + 6^3 + 22^0 + 23^1 + 23^2 = 32 + 63 + 220 + 231 + 232$
$778 := 2^3 + 9^3 + 13^1 + 26^0 + 27^1 = 23 + 93 + 131 + 260 + 271$	$778 := 3^2 + 7^3 + 20^2 + 22^0 + 25^1 = 32 + 73 + 202 + 220 + 251$
$778 := 2^3 + 9^3 + 14^1 + 26^0 + 26^1 = 23 + 93 + 141 + 260 + 261$	$778 := 3^3 + 10^0 + 18^2 + 20^2 + 26^1 = 33 + 100 + 182 + 202 + 261$
$778 := 2^3 + 9^3 + 15^1 + 25^1 + 26^0 = 23 + 93 + 151 + 251 + 260$	$778 := 3^3 + 10^1 + 16^2 + 22^2 + 26^0 = 33 + 101 + 162 + 222 + 260$
$778 := 2^3 + 9^3 + 16^1 + 24^1 + 26^0 = 23 + 93 + 161 + 241 + 260$	$778 := 3^3 + 10^2 + 14^0 + 25^1 + 25^2 = 33 + 102 + 140 + 251 + 252$
$778 := 2^3 + 9^3 + 17^1 + 23^1 + 26^0 = 23 + 93 + 171 + 231 + 260$	$778 := 3^3 + 12^0 + 14^2 + 23^2 + 25^1 = 33 + 120 + 142 + 232 + 251$
$778 := 2^3 + 9^3 + 18^1 + 22^1 + 26^0 = 23 + 93 + 181 + 221 + 260$	$778 := 3^3 + 16^0 + 17^2 + 20^1 + 21^2 = 33 + 160 + 172 + 201 + 212$
$778 := 2^3 + 9^3 + 19^1 + 21^1 + 26^0 = 23 + 93 + 191 + 211 + 260$	$778 := 3^3 + 7^2 + 16^0 + 25^1 + 26^2 = 33 + 72 + 160 + 251 + 262$
$778 := 2^3 + 9^3 + 20^1 + 20^1 + 26^0 = 23 + 93 + 201 + 201 + 260$	$778 := 3^5 + 4^1 + 20^0 + 23^2 + 27^0 = 35 + 41 + 200 + 232 + 270$
$778 := 2^4 + 10^1 + 16^0 + 22^1 + 27^2 = 24 + 101 + 160 + 221 + 272$	$778 := 3^5 + 4^1 + 21^0 + 23^2 + 26^0 = 35 + 41 + 210 + 232 + 260$
$778 := 2^4 + 11^1 + 16^0 + 21^1 + 27^2 = 24 + 111 + 160 + 211 + 272$	$778 := 3^5 + 4^1 + 22^0 + 23^2 + 25^0 = 35 + 41 + 220 + 232 + 250$
$778 := 2^4 + 12^1 + 16^0 + 20^1 + 27^2 = 24 + 121 + 160 + 201 + 272$	$778 := 3^5 + 4^1 + 23^0 + 23^2 + 24^0 = 35 + 41 + 230 + 232 + 240$
$778 := 2^4 + 13^1 + 16^0 + 19^1 + 27^2 = 24 + 131 + 160 + 191 + 272$	$778 := 3^6 + 10^0 + 17^0 + 20^1 + 27^1 = 36 + 100 + 170 + 201 + 271$
$778 := 2^4 + 14^1 + 16^0 + 18^1 + 27^2 = 24 + 141 + 160 + 181 + 272$	$778 := 3^6 + 10^0 + 17^0 + 21^1 + 26^1 = 36 + 100 + 170 + 211 + 261$
$778 := 2^4 + 15^1 + 16^0 + 17^1 + 27^2 = 24 + 151 + 160 + 171 + 272$	$778 := 3^6 + 10^0 + 17^0 + 22^1 + 25^1 = 36 + 100 + 170 + 221 + 251$
$778 := 2^4 + 16^0 + 16^1 + 16^1 + 27^2 = 24 + 160 + 161 + 161 + 272$	$778 := 3^6 + 10^0 + 17^0 + 23^1 + 24^1 = 36 + 100 + 170 + 231 + 241$
$778 := 2^4 + 5^1 + 16^0 + 27^1 + 27^2 = 24 + 51 + 160 + 271 + 272$	$778 := 3^6 + 11^0 + 16^0 + 20^1 + 27^1 = 36 + 110 + 160 + 201 + 271$
$778 := 2^4 + 6^1 + 16^0 + 26^1 + 27^2 = 24 + 61 + 160 + 261 + 272$	$778 := 3^6 + 11^0 + 16^0 + 21^1 + 26^1 = 36 + 110 + 160 + 211 + 261$
$778 := 2^4 + 7^1 + 16^0 + 25^1 + 27^2 = 24 + 71 + 160 + 251 + 272$	$778 := 3^6 + 11^0 + 16^0 + 22^1 + 25^1 = 36 + 110 + 160 + 221 + 251$
$778 := 2^4 + 8^1 + 16^0 + 24^1 + 27^2 = 24 + 81 + 160 + 241 + 272$	$778 := 3^6 + 11^0 + 16^0 + 23^1 + 24^1 = 36 + 110 + 160 + 231 + 241$
$778 := 2^4 + 9^1 + 16^0 + 23^1 + 27^2 = 24 + 91 + 160 + 231 + 272$	$778 := 3^6 + 12^0 + 15^0 + 20^1 + 27^1 = 36 + 120 + 150 + 201 + 271$
$778 := 2^5 + 10^0 + 15^1 + 23^0 + 27^2 = 25 + 100 + 151 + 230 + 272$	$778 := 3^6 + 12^0 + 15^0 + 21^1 + 26^1 = 36 + 120 + 150 + 211 + 261$
$778 := 2^5 + 11^0 + 15^1 + 22^0 + 27^2 = 25 + 110 + 151 + 220 + 272$	$778 := 3^6 + 12^0 + 15^0 + 22^1 + 25^1 = 36 + 120 + 150 + 221 + 251$
$778 := 2^5 + 12^0 + 15^1 + 21^0 + 27^2 = 25 + 120 + 151 + 210 + 272$	$778 := 3^6 + 12^0 + 15^0 + 23^1 + 24^1 = 36 + 120 + 150 + 231 + 241$
$778 := 2^5 + 13^0 + 15^1 + 20^0 + 27^2 = 25 + 130 + 151 + 200 + 272$	$778 := 3^6 + 13^0 + 14^0 + 20^1 + 27^1 = 36 + 130 + 140 + 201 + 271$
$778 := 2^5 + 14^0 + 15^1 + 19^0 + 27^2 = 25 + 140 + 151 + 190 + 272$	$778 := 3^6 + 13^0 + 14^0 + 21^1 + 26^1 = 36 + 130 + 140 + 211 + 261$
$778 := 2^5 + 15^0 + 15^1 + 18^0 + 27^2 = 25 + 150 + 151 + 180 + 272$	$778 := 3^6 + 13^0 + 14^0 + 22^1 + 25^1 = 36 + 130 + 140 + 221 + 251$
$778 := 2^5 + 15^1 + 16^0 + 17^0 + 27^2 = 25 + 151 + 160 + 170 + 272$	$778 := 3^6 + 13^0 + 14^0 + 23^1 + 24^1 = 36 + 130 + 140 + 231 + 241$
$778 := 2^5 + 6^0 + 15^1 + 27^0 + 27^2 = 25 + 60 + 151 + 270 + 272$	$778 := 3^6 + 4^0 + 20^1 + 23^0 + 27^1 = 36 + 40 + 201 + 230 + 271$
$778 := 2^5 + 7^0 + 15^1 + 26^0 + 27^2 = 25 + 70 + 151 + 260 + 272$	$778 := 3^6 + 4^0 + 21^1 + 23^0 + 26^1 = 36 + 40 + 211 + 230 + 261$
$778 := 2^5 + 8^0 + 15^1 + 25^0 + 27^2 = 25 + 80 + 151 + 250 + 272$	$778 := 3^6 + 4^0 + 22^1 + 23^0 + 25^1 = 36 + 40 + 221 + 230 + 251$
$778 := 2^5 + 9^0 + 15^1 + 24^0 + 27^2 = 25 + 90 + 151 + 240 + 272$	$778 := 3^6 + 4^0 + 23^0 + 23^1 + 24^1 = 36 + 40 + 230 + 231 + 241$
$778 := 3^0 + 3^6 + 20^1 + 24^0 + 27^1 = 30 + 36 + 201 + 240 + 271$	$778 := 3^6 + 5^0 + 20^1 + 22^0 + 27^1 = 36 + 50 + 201 + 220 + 271$
$778 := 3^0 + 3^6 + 21^1 + 24^0 + 26^1 = 30 + 36 + 211 + 240 + 261$	$778 := 3^6 + 5^0 + 21^1 + 22^0 + 26^1 = 36 + 50 + 211 + 220 + 261$
$778 := 3^0 + 3^6 + 22^1 + 24^0 + 25^1 = 30 + 36 + 221 + 240 + 251$	$778 := 3^6 + 5^0 + 22^0 + 22^1 + 25^1 = 36 + 50 + 220 + 221 + 251$
$778 := 3^0 + 3^6 + 23^1 + 24^0 + 24^1 = 30 + 36 + 231 + 240 + 241$	$778 := 3^6 + 5^0 + 22^0 + 23^1 + 24^1 = 36 + 50 + 220 + 231 + 241$
$778 := 3^2 + 16^2 + 16^2 + 16^2 + 26^0 = 32 + 162 + 162 + 162 + 260$	$778 := 3^6 + 6^0 + 20^1 + 21^0 + 27^1 = 36 + 60 + 201 + 210 + 271$

$$\begin{aligned} 778 &:= 3^6 + 6^0 + 21^0 + 21^1 + 26^1 = 36 + 60 + 210 + 211 + 261 & 778 &:= 4^4 + 14^2 + 18^2 + 20^0 + 21^0 = 44 + 142 + 182 + 200 + 210 \\ 778 &:= 3^6 + 6^0 + 21^0 + 22^1 + 25^1 = 36 + 60 + 210 + 221 + 251 & 778 &:= 4^4 + 6^2 + 18^0 + 22^2 + 27^0 = 44 + 62 + 180 + 222 + 270 \\ 778 &:= 3^6 + 6^0 + 21^0 + 23^1 + 24^1 = 36 + 60 + 210 + 231 + 241 & 778 &:= 4^4 + 6^2 + 19^0 + 22^2 + 26^0 = 44 + 62 + 190 + 222 + 260 \\ 778 &:= 3^6 + 7^0 + 20^0 + 20^1 + 27^1 = 36 + 70 + 200 + 201 + 271 & 778 &:= 4^4 + 6^2 + 20^0 + 22^2 + 25^0 = 44 + 62 + 200 + 222 + 250 \\ 778 &:= 3^6 + 7^0 + 20^0 + 21^1 + 26^1 = 36 + 70 + 200 + 211 + 261 & 778 &:= 4^4 + 6^2 + 21^0 + 22^2 + 24^0 = 44 + 62 + 210 + 222 + 240 \\ 778 &:= 3^6 + 7^0 + 20^0 + 22^1 + 25^1 = 36 + 70 + 200 + 221 + 251 & 778 &:= 4^4 + 6^2 + 22^0 + 22^2 + 23^0 = 44 + 62 + 220 + 222 + 230 \\ 778 &:= 3^6 + 7^0 + 20^0 + 23^1 + 24^1 = 36 + 70 + 200 + 231 + 241 & 778 &:= 5^3 + 10^0 + 15^2 + 20^2 + 27^1 = 53 + 100 + 152 + 202 + 271 \\ 778 &:= 3^6 + 8^0 + 19^0 + 20^1 + 27^1 = 36 + 80 + 190 + 201 + 271 & 778 &:= 5^3 + 10^2 + 16^0 + 23^1 + 23^2 = 53 + 102 + 160 + 231 + 232 \\ 778 &:= 3^6 + 8^0 + 19^0 + 21^1 + 26^1 = 36 + 80 + 190 + 211 + 261 & 778 &:= 5^3 + 12^2 + 14^0 + 22^2 + 24^1 = 53 + 122 + 140 + 222 + 241 \\ 778 &:= 3^6 + 8^0 + 19^0 + 22^1 + 25^1 = 36 + 80 + 190 + 221 + 251 & 778 &:= 5^3 + 14^2 + 15^1 + 21^2 + 22^0 = 53 + 142 + 151 + 212 + 220 \\ 778 &:= 3^6 + 8^0 + 19^0 + 23^1 + 24^1 = 36 + 80 + 190 + 231 + 241 & 778 &:= 5^3 + 5^4 + 14^0 + 26^1 + 27^0 = 53 + 54 + 140 + 261 + 270 \\ 778 &:= 3^6 + 9^0 + 18^0 + 20^1 + 27^1 = 36 + 90 + 180 + 201 + 271 & 778 &:= 5^3 + 5^4 + 15^0 + 26^0 + 26^1 = 53 + 54 + 150 + 260 + 261 \\ 778 &:= 3^6 + 9^0 + 18^0 + 21^1 + 26^1 = 36 + 90 + 180 + 211 + 261 & 778 &:= 5^3 + 5^4 + 16^0 + 25^0 + 26^1 = 53 + 54 + 160 + 250 + 261 \\ 778 &:= 3^6 + 9^0 + 18^0 + 22^1 + 25^1 = 36 + 90 + 180 + 221 + 251 & 778 &:= 5^3 + 5^4 + 17^0 + 24^0 + 26^1 = 53 + 54 + 170 + 240 + 261 \\ 778 &:= 3^6 + 9^0 + 18^0 + 23^1 + 24^1 = 36 + 90 + 180 + 231 + 241 & 778 &:= 5^3 + 5^4 + 18^0 + 23^0 + 26^1 = 53 + 54 + 180 + 230 + 261 \\ 778 &:= 4^2 + 12^2 + 16^2 + 19^2 + 26^0 = 42 + 122 + 162 + 192 + 260 & 778 &:= 5^3 + 5^4 + 19^0 + 22^0 + 26^1 = 53 + 54 + 190 + 220 + 261 \\ 778 &:= 4^2 + 4^3 + 21^1 + 22^0 + 26^2 = 42 + 43 + 211 + 220 + 262 & 778 &:= 5^3 + 5^4 + 20^0 + 21^0 + 26^1 = 53 + 54 + 200 + 210 + 261 \\ 778 &:= 4^2 + 8^3 + 15^2 + 24^1 + 26^0 = 42 + 83 + 152 + 241 + 260 & 778 &:= 5^3 + 7^2 + 14^0 + 24^2 + 27^1 = 53 + 72 + 140 + 242 + 271 \\ 778 &:= 4^3 + 11^2 + 16^1 + 22^0 + 24^2 = 43 + 112 + 161 + 220 + 242 & 778 &:= 5^4 + 10^0 + 10^2 + 25^1 + 27^1 = 54 + 100 + 102 + 251 + 271 \\ 778 &:= 4^3 + 12^0 + 17^2 + 20^2 + 24^1 = 43 + 120 + 172 + 202 + 241 & 778 &:= 5^4 + 10^0 + 10^2 + 26^1 + 26^1 = 54 + 100 + 102 + 261 + 261 \\ 778 &:= 4^3 + 13^2 + 15^1 + 22^0 + 23^2 = 43 + 132 + 151 + 220 + 232 & 778 &:= 6^2 + 14^2 + 16^2 + 17^2 + 24^0 = 62 + 142 + 162 + 172 + 240 \\ 778 &:= 4^3 + 16^1 + 16^2 + 20^0 + 21^2 = 43 + 161 + 162 + 200 + 212 & 778 &:= 6^3 + 10^2 + 20^0 + 20^1 + 21^2 = 63 + 102 + 200 + 201 + 212 \\ 778 &:= 4^3 + 8^2 + 16^0 + 24^1 + 25^2 = 43 + 82 + 160 + 241 + 252 & 778 &:= 6^3 + 12^1 + 15^2 + 18^2 + 26^0 = 63 + 121 + 152 + 182 + 260 \\ 778 &:= 4^4 + 10^1 + 14^0 + 22^2 + 27^1 = 44 + 101 + 140 + 222 + 271 & 778 &:= 6^3 + 12^2 + 17^1 + 20^2 + 22^0 = 63 + 122 + 171 + 202 + 220 \\ 778 &:= 4^4 + 11^1 + 14^0 + 22^2 + 26^1 = 44 + 111 + 140 + 222 + 261 & 778 &:= 6^3 + 16^1 + 16^2 + 17^2 + 22^0 = 63 + 161 + 162 + 172 + 220 \\ 778 &:= 4^4 + 12^1 + 14^0 + 22^2 + 25^1 = 44 + 121 + 140 + 222 + 251 & 778 &:= 6^3 + 8^3 + 14^0 + 22^1 + 27^1 = 63 + 83 + 140 + 221 + 271 \\ 778 &:= 4^4 + 13^1 + 14^0 + 22^2 + 24^1 = 44 + 131 + 140 + 222 + 241 & 778 &:= 6^3 + 8^3 + 14^0 + 23^1 + 26^1 = 63 + 83 + 140 + 231 + 261 \\ 778 &:= 4^4 + 14^0 + 14^1 + 22^2 + 23^1 = 44 + 140 + 141 + 222 + 231 & 778 &:= 6^3 + 8^3 + 14^0 + 24^1 + 25^1 = 63 + 83 + 140 + 241 + 251 \\ 778 &:= 4^4 + 14^0 + 14^2 + 18^2 + 27^0 = 44 + 140 + 142 + 182 + 270 & 778 &:= 7^2 + 10^2 + 12^2 + 22^2 + 26^0 = 72 + 102 + 122 + 222 + 260 \\ 778 &:= 4^4 + 14^0 + 15^1 + 22^1 + 22^2 = 44 + 140 + 151 + 221 + 222 & 778 &:= 7^2 + 7^3 + 19^2 + 20^0 + 24^1 = 72 + 73 + 192 + 200 + 241 \\ 778 &:= 4^4 + 14^0 + 16^1 + 21^1 + 22^2 = 44 + 140 + 161 + 211 + 222 & 778 &:= 7^3 + 11^2 + 17^2 + 18^0 + 24^1 = 73 + 112 + 172 + 180 + 241 \\ 778 &:= 4^4 + 14^0 + 17^1 + 20^1 + 22^2 = 44 + 140 + 171 + 201 + 222 & 778 &:= 8^2 + 10^2 + 17^2 + 18^2 + 24^0 = 82 + 102 + 172 + 182 + 240 \\ 778 &:= 4^4 + 14^0 + 18^1 + 19^1 + 22^2 = 44 + 140 + 181 + 191 + 222 & 778 &:= 8^2 + 12^2 + 13^2 + 20^2 + 24^0 = 82 + 122 + 132 + 202 + 240 \\ 778 &:= 4^4 + 14^2 + 15^0 + 18^2 + 26^0 = 44 + 142 + 150 + 182 + 260 & 778 &:= 8^3 + 10^2 + 12^2 + 21^1 + 26^0 = 83 + 102 + 122 + 211 + 260 \\ 778 &:= 4^4 + 14^2 + 16^0 + 18^2 + 25^0 = 44 + 142 + 160 + 182 + 250 & 778 &:= 8^3 + 11^2 + 11^2 + 23^1 + 24^0 = 83 + 112 + 112 + 231 + 240 \\ 778 &:= 4^4 + 14^2 + 17^0 + 18^2 + 24^0 = 44 + 142 + 170 + 182 + 240 & 778 &:= 9^2 + 10^2 + 14^2 + 20^2 + 24^0 = 92 + 102 + 142 + 202 + 240 \\ 778 &:= 4^4 + 14^2 + 18^0 + 18^2 + 23^0 = 44 + 142 + 180 + 182 + 230 & & \\ 778 &:= 4^4 + 14^2 + 18^2 + 19^0 + 22^0 = 44 + 142 + 182 + 190 + 220 & & \end{aligned}$$

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$779 := 1^6 + 27^2 + 49^1$	$= 16 + 272 + 491$	$779 := 2^5 + 9^3 + 17^1 + 49^0$	$= 25 + 93 + 171 + 490$
$779 := 1^0 + 1^6 + 27^2 + 48^1$	$= 10 + 16 + 272 + 481$	$779 := 2^6 + 11^0 + 26^2 + 38^1$	$= 26 + 110 + 262 + 381$
$779 := 1^1 + 1^5 + 27^2 + 48^1$	$= 11 + 15 + 272 + 481$	$779 := 3^1 + 3^5 + 22^2 + 49^1$	$= 31 + 35 + 222 + 491$
$779 := 1^1 + 3^5 + 22^2 + 51^1$	$= 11 + 35 + 222 + 511$	$779 := 3^2 + 3^6 + 31^0 + 40^1$	$= 32 + 36 + 310 + 401$
$779 := 1^2 + 1^4 + 27^2 + 48^1$	$= 12 + 14 + 272 + 481$	$779 := 3^3 + 7^3 + 19^2 + 48^1$	$= 33 + 73 + 192 + 481$
$779 := 1^2 + 3^6 + 25^0 + 48^1$	$= 12 + 36 + 250 + 481$	$779 := 3^4 + 9^2 + 24^2 + 41^1$	$= 34 + 92 + 242 + 411$
$779 := 1^3 + 1^3 + 27^2 + 48^1$	$= 13 + 13 + 272 + 481$	$779 := 3^5 + 10^1 + 22^2 + 42^1$	$= 35 + 101 + 222 + 421$
$779 := 1^4 + 16^2 + 22^2 + 38^1$	$= 14 + 162 + 222 + 381$	$779 := 3^5 + 11^1 + 22^2 + 41^1$	$= 35 + 111 + 222 + 411$
$779 := 1^5 + 10^1 + 27^2 + 39^1$	$= 15 + 101 + 272 + 391$	$779 := 3^5 + 12^1 + 22^2 + 40^1$	$= 35 + 121 + 222 + 401$
$779 := 1^5 + 11^1 + 27^2 + 38^1$	$= 15 + 111 + 272 + 381$	$779 := 3^5 + 13^1 + 22^2 + 39^1$	$= 35 + 131 + 222 + 391$
$779 := 1^5 + 12^1 + 27^2 + 37^1$	$= 15 + 121 + 272 + 371$	$779 := 3^5 + 14^1 + 22^2 + 38^1$	$= 35 + 141 + 222 + 381$
$779 := 1^5 + 13^1 + 27^2 + 36^1$	$= 15 + 131 + 272 + 361$	$779 := 3^5 + 15^1 + 22^2 + 37^1$	$= 35 + 151 + 222 + 371$
$779 := 1^5 + 14^1 + 27^2 + 35^1$	$= 15 + 141 + 272 + 351$	$779 := 3^5 + 16^1 + 22^2 + 36^1$	$= 35 + 161 + 222 + 361$
$779 := 1^5 + 15^1 + 27^2 + 34^1$	$= 15 + 151 + 272 + 341$	$779 := 3^5 + 17^1 + 22^2 + 35^1$	$= 35 + 171 + 222 + 351$
$779 := 1^5 + 16^1 + 27^2 + 33^1$	$= 15 + 161 + 272 + 331$	$779 := 3^5 + 18^1 + 22^2 + 34^1$	$= 35 + 181 + 222 + 341$
$779 := 1^5 + 17^1 + 27^2 + 32^1$	$= 15 + 171 + 272 + 321$	$779 := 3^5 + 19^1 + 22^2 + 33^1$	$= 35 + 191 + 222 + 331$
$779 := 1^5 + 18^1 + 27^2 + 31^1$	$= 15 + 181 + 272 + 311$	$779 := 3^5 + 20^1 + 22^2 + 32^1$	$= 35 + 201 + 222 + 321$
$779 := 1^5 + 19^1 + 27^2 + 30^1$	$= 15 + 191 + 272 + 301$	$779 := 3^5 + 21^1 + 22^2 + 31^1$	$= 35 + 211 + 222 + 311$
$779 := 1^5 + 2^1 + 27^2 + 47^1$	$= 15 + 21 + 272 + 471$	$779 := 3^5 + 22^1 + 22^2 + 30^1$	$= 35 + 221 + 222 + 301$
$779 := 1^5 + 20^1 + 27^2 + 29^1$	$= 15 + 201 + 272 + 291$	$779 := 3^5 + 22^2 + 23^1 + 29^1$	$= 35 + 222 + 231 + 291$
$779 := 1^5 + 21^1 + 27^2 + 28^1$	$= 15 + 211 + 272 + 281$	$779 := 3^5 + 22^2 + 24^1 + 28^1$	$= 35 + 222 + 241 + 281$
$779 := 1^5 + 22^1 + 27^1 + 27^2$	$= 15 + 221 + 271 + 272$	$779 := 3^5 + 22^2 + 25^1 + 27^1$	$= 35 + 222 + 251 + 271$
$779 := 1^5 + 23^1 + 26^1 + 27^2$	$= 15 + 231 + 261 + 272$	$779 := 3^5 + 22^2 + 26^1 + 26^1$	$= 35 + 222 + 261 + 261$
$779 := 1^5 + 24^1 + 25^1 + 27^2$	$= 15 + 241 + 251 + 272$	$779 := 3^5 + 4^1 + 22^2 + 48^1$	$= 35 + 41 + 222 + 481$
$779 := 1^5 + 3^1 + 27^2 + 46^1$	$= 15 + 31 + 272 + 461$	$779 := 3^5 + 5^1 + 22^2 + 47^1$	$= 35 + 51 + 222 + 471$
$779 := 1^5 + 4^1 + 27^2 + 45^1$	$= 15 + 41 + 272 + 451$	$779 := 3^5 + 6^1 + 22^2 + 46^1$	$= 35 + 61 + 222 + 461$
$779 := 1^5 + 5^1 + 27^2 + 44^1$	$= 15 + 51 + 272 + 441$	$779 := 3^5 + 7^1 + 22^2 + 45^1$	$= 35 + 71 + 222 + 451$
$779 := 1^5 + 6^1 + 27^2 + 43^1$	$= 15 + 61 + 272 + 431$	$779 := 3^5 + 8^1 + 22^2 + 44^1$	$= 35 + 81 + 222 + 441$
$779 := 1^5 + 7^1 + 27^2 + 42^1$	$= 15 + 71 + 272 + 421$	$779 := 3^5 + 8^3 + 23^1 + 43^0$	$= 35 + 83 + 231 + 430$
$779 := 1^5 + 8^1 + 27^2 + 41^1$	$= 15 + 81 + 272 + 411$	$779 := 3^5 + 9^1 + 22^2 + 43^1$	$= 35 + 91 + 222 + 431$
$779 := 1^5 + 9^1 + 27^2 + 40^1$	$= 15 + 91 + 272 + 401$	$779 := 3^6 + 4^2 + 33^1 + 37^0$	$= 36 + 42 + 331 + 370$
$779 := 1^5 + 9^3 + 19^0 + 48^1$	$= 15 + 93 + 190 + 481$	$779 := 3^6 + 5^2 + 24^1 + 45^0$	$= 36 + 52 + 241 + 450$
$779 := 2^1 + 3^5 + 22^2 + 50^1$	$= 21 + 35 + 222 + 501$	$779 := 3^6 + 6^2 + 13^1 + 55^0$	$= 36 + 62 + 131 + 550$
$779 := 2^2 + 3^6 + 27^0 + 45^1$	$= 22 + 36 + 270 + 451$	$779 := 4^3 + 7^3 + 18^2 + 48^1$	$= 43 + 73 + 182 + 481$
$779 := 2^4 + 14^2 + 23^2 + 38^1$	$= 24 + 142 + 232 + 381$	$779 := 4^4 + 15^2 + 16^2 + 42^1$	$= 44 + 152 + 162 + 421$
$779 := 2^5 + 11^2 + 25^2 + 39^0$	$= 25 + 112 + 252 + 390$	$779 := 4^4 + 6^2 + 21^2 + 46^1$	$= 44 + 62 + 212 + 461$

$779 := 5^3 + 5^3 + 22^2 + 45^1$	$= 53 + 53 + 222 + 451$	$779 := 1^4 + 10^1 + 17^1 + 22^1 + 27^2$	$= 14 + 101 + 171 + 221 + 272$
$779 := 6^2 + 7^3 + 7^3 + 57^1$	$= 62 + 73 + 73 + 571$	$779 := 1^4 + 10^1 + 18^1 + 21^1 + 27^2$	$= 14 + 101 + 181 + 211 + 272$
$779 := 6^3 + 7^3 + 13^2 + 51^1$	$= 63 + 73 + 132 + 511$	$779 := 1^4 + 10^1 + 19^1 + 20^1 + 27^2$	$= 14 + 101 + 191 + 201 + 272$
$779 := 1^0 + 1^5 + 21^1 + 27^1 + 27^2$	$= 10 + 15 + 211 + 271 + 272$	$779 := 1^4 + 11^1 + 11^1 + 27^1 + 27^2$	$= 14 + 111 + 111 + 271 + 272$
$779 := 1^0 + 1^5 + 22^1 + 26^1 + 27^2$	$= 10 + 15 + 221 + 261 + 272$	$779 := 1^4 + 11^1 + 12^1 + 26^1 + 27^2$	$= 14 + 111 + 121 + 261 + 272$
$779 := 1^0 + 1^5 + 23^1 + 25^1 + 27^2$	$= 10 + 15 + 231 + 251 + 272$	$779 := 1^4 + 11^1 + 13^1 + 25^1 + 27^2$	$= 14 + 111 + 131 + 251 + 272$
$779 := 1^0 + 1^5 + 24^1 + 24^1 + 27^2$	$= 10 + 15 + 241 + 241 + 272$	$779 := 1^4 + 11^1 + 14^1 + 24^1 + 27^2$	$= 14 + 111 + 141 + 241 + 272$
$779 := 1^0 + 3^5 + 22^2 + 24^1 + 27^1$	$= 10 + 35 + 222 + 241 + 271$	$779 := 1^4 + 11^1 + 15^1 + 23^1 + 27^2$	$= 14 + 111 + 151 + 231 + 272$
$779 := 1^0 + 3^5 + 22^2 + 25^1 + 26^1$	$= 10 + 35 + 222 + 251 + 261$	$779 := 1^4 + 11^1 + 16^1 + 22^1 + 27^2$	$= 14 + 111 + 161 + 221 + 272$
$779 := 1^1 + 1^4 + 21^1 + 27^1 + 27^2$	$= 11 + 14 + 211 + 271 + 272$	$779 := 1^4 + 11^1 + 17^1 + 21^1 + 27^2$	$= 14 + 111 + 171 + 211 + 272$
$779 := 1^1 + 1^4 + 22^1 + 26^1 + 27^2$	$= 11 + 14 + 221 + 261 + 272$	$779 := 1^4 + 11^1 + 18^1 + 20^1 + 27^2$	$= 14 + 111 + 181 + 201 + 272$
$779 := 1^1 + 1^4 + 23^1 + 25^1 + 27^2$	$= 11 + 14 + 231 + 251 + 272$	$779 := 1^4 + 11^1 + 19^1 + 19^1 + 27^2$	$= 14 + 111 + 191 + 191 + 272$
$779 := 1^1 + 1^4 + 24^1 + 24^1 + 27^2$	$= 11 + 14 + 241 + 241 + 272$	$779 := 1^4 + 12^1 + 12^1 + 25^1 + 27^2$	$= 14 + 121 + 121 + 251 + 272$
$779 := 1^1 + 3^6 + 21^1 + 25^0 + 27^1$	$= 11 + 36 + 211 + 250 + 271$	$779 := 1^4 + 12^1 + 13^1 + 24^1 + 27^2$	$= 14 + 121 + 131 + 241 + 272$
$779 := 1^1 + 3^6 + 22^1 + 25^0 + 26^1$	$= 11 + 36 + 221 + 250 + 261$	$779 := 1^4 + 12^1 + 14^1 + 23^1 + 27^2$	$= 14 + 121 + 141 + 231 + 272$
$779 := 1^1 + 3^6 + 23^1 + 25^0 + 25^1$	$= 11 + 36 + 231 + 250 + 251$	$779 := 1^4 + 12^1 + 15^1 + 22^1 + 27^2$	$= 14 + 121 + 151 + 221 + 272$
$779 := 1^1 + 3^6 + 24^1 + 24^1 + 25^0$	$= 11 + 36 + 241 + 241 + 250$	$779 := 1^4 + 12^1 + 16^1 + 21^1 + 27^2$	$= 14 + 121 + 161 + 211 + 272$
$779 := 1^2 + 1^3 + 21^1 + 27^1 + 27^2$	$= 12 + 13 + 211 + 271 + 272$	$779 := 1^4 + 12^1 + 17^1 + 20^1 + 27^2$	$= 14 + 121 + 171 + 201 + 272$
$779 := 1^2 + 1^3 + 22^1 + 26^1 + 27^2$	$= 12 + 13 + 221 + 261 + 272$	$779 := 1^4 + 12^1 + 18^1 + 19^1 + 27^2$	$= 14 + 121 + 181 + 191 + 272$
$779 := 1^2 + 1^3 + 23^1 + 25^1 + 27^2$	$= 12 + 13 + 231 + 251 + 272$	$779 := 1^4 + 12^1 + 18^2 + 21^2 + 25^0$	$= 14 + 121 + 182 + 212 + 250$
$779 := 1^2 + 1^3 + 24^1 + 24^1 + 27^2$	$= 12 + 13 + 241 + 241 + 272$	$779 := 1^4 + 13^1 + 13^1 + 23^1 + 27^2$	$= 14 + 131 + 131 + 231 + 272$
$779 := 1^2 + 3^4 + 20^1 + 26^2 + 27^0$	$= 12 + 34 + 201 + 262 + 270$	$779 := 1^4 + 13^1 + 14^1 + 22^1 + 27^2$	$= 14 + 131 + 141 + 221 + 272$
$779 := 1^3 + 11^1 + 16^2 + 22^2 + 27^1$	$= 13 + 111 + 162 + 222 + 271$	$779 := 1^4 + 13^1 + 15^1 + 21^1 + 27^2$	$= 14 + 131 + 151 + 211 + 272$
$779 := 1^3 + 12^1 + 16^2 + 22^2 + 26^1$	$= 13 + 121 + 162 + 222 + 261$	$779 := 1^4 + 13^1 + 16^1 + 20^1 + 27^2$	$= 14 + 131 + 161 + 201 + 272$
$779 := 1^3 + 13^1 + 16^2 + 22^2 + 25^1$	$= 13 + 131 + 162 + 222 + 251$	$779 := 1^4 + 13^1 + 17^1 + 19^1 + 27^2$	$= 14 + 131 + 171 + 191 + 272$
$779 := 1^3 + 14^1 + 16^2 + 22^2 + 24^1$	$= 13 + 141 + 162 + 222 + 241$	$779 := 1^4 + 13^1 + 18^1 + 18^1 + 27^2$	$= 14 + 131 + 181 + 181 + 272$
$779 := 1^3 + 15^1 + 16^2 + 22^2 + 23^1$	$= 13 + 151 + 162 + 222 + 231$	$779 := 1^4 + 14^1 + 14^1 + 21^1 + 27^2$	$= 14 + 141 + 141 + 211 + 272$
$779 := 1^3 + 16^1 + 16^2 + 22^1 + 22^2$	$= 13 + 161 + 162 + 221 + 222$	$779 := 1^4 + 14^1 + 15^1 + 20^1 + 27^2$	$= 14 + 141 + 151 + 201 + 272$
$779 := 1^3 + 16^2 + 17^1 + 21^1 + 22^2$	$= 13 + 162 + 171 + 211 + 222$	$779 := 1^4 + 14^1 + 16^1 + 19^1 + 27^2$	$= 14 + 141 + 161 + 191 + 272$
$779 := 1^3 + 16^2 + 18^1 + 20^1 + 22^2$	$= 13 + 162 + 181 + 201 + 222$	$779 := 1^4 + 14^1 + 17^1 + 18^1 + 27^2$	$= 14 + 141 + 171 + 181 + 272$
$779 := 1^3 + 16^2 + 19^1 + 19^1 + 22^2$	$= 13 + 162 + 191 + 191 + 222$	$779 := 1^4 + 15^0 + 15^2 + 23^1 + 23^2$	$= 14 + 150 + 152 + 231 + 232$
$779 := 1^3 + 3^3 + 21^1 + 25^0 + 27^2$	$= 13 + 33 + 211 + 250 + 272$	$779 := 1^4 + 15^1 + 15^1 + 19^1 + 27^2$	$= 14 + 151 + 151 + 191 + 272$
$779 := 1^3 + 5^3 + 19^0 + 25^2 + 27^1$	$= 13 + 53 + 190 + 252 + 271$	$779 := 1^4 + 15^1 + 16^1 + 18^1 + 27^2$	$= 14 + 151 + 161 + 181 + 272$
$779 := 1^4 + 10^1 + 12^1 + 27^1 + 27^2$	$= 14 + 101 + 121 + 271 + 272$	$779 := 1^4 + 15^1 + 17^1 + 17^1 + 27^2$	$= 14 + 151 + 171 + 171 + 272$
$779 := 1^4 + 10^1 + 13^1 + 26^1 + 27^2$	$= 14 + 101 + 131 + 261 + 272$	$779 := 1^4 + 16^1 + 16^1 + 17^1 + 27^2$	$= 14 + 161 + 161 + 171 + 272$
$779 := 1^4 + 10^1 + 14^1 + 25^1 + 27^2$	$= 14 + 101 + 141 + 251 + 272$	$779 := 1^4 + 16^1 + 19^2 + 20^2 + 21^0$	$= 14 + 161 + 192 + 202 + 210$
$779 := 1^4 + 10^1 + 15^1 + 24^1 + 27^2$	$= 14 + 101 + 151 + 241 + 272$	$779 := 1^4 + 2^1 + 20^1 + 27^1 + 27^2$	$= 14 + 21 + 201 + 271 + 272$
$779 := 1^4 + 10^1 + 16^1 + 23^1 + 27^2$	$= 14 + 101 + 161 + 231 + 272$	$779 := 1^4 + 2^1 + 21^1 + 26^1 + 27^2$	$= 14 + 21 + 211 + 261 + 272$

$$\begin{aligned} 779 &:= 1^4 + 2^1 + 22^1 + 25^1 + 27^2 = 14 + 21 + 221 + 251 + 272 & 779 &:= 1^4 + 8^1 + 20^1 + 21^1 + 27^2 = 14 + 81 + 201 + 211 + 272 \\ 779 &:= 1^4 + 2^1 + 23^1 + 24^1 + 27^2 = 14 + 21 + 231 + 241 + 272 & 779 &:= 1^4 + 9^1 + 13^1 + 27^1 + 27^2 = 14 + 91 + 131 + 271 + 272 \\ 779 &:= 1^4 + 3^1 + 19^1 + 27^1 + 27^2 = 14 + 31 + 191 + 271 + 272 & 779 &:= 1^4 + 9^1 + 14^1 + 26^1 + 27^2 = 14 + 91 + 141 + 261 + 272 \\ 779 &:= 1^4 + 3^1 + 20^1 + 26^1 + 27^2 = 14 + 31 + 201 + 261 + 272 & 779 &:= 1^4 + 9^1 + 15^1 + 25^1 + 27^2 = 14 + 91 + 151 + 251 + 272 \\ 779 &:= 1^4 + 3^1 + 21^1 + 25^1 + 27^2 = 14 + 31 + 211 + 251 + 272 & 779 &:= 1^4 + 9^1 + 16^1 + 24^1 + 27^2 = 14 + 91 + 161 + 241 + 272 \\ 779 &:= 1^4 + 3^1 + 22^1 + 24^1 + 27^2 = 14 + 31 + 221 + 241 + 272 & 779 &:= 1^4 + 9^1 + 17^1 + 23^1 + 27^2 = 14 + 91 + 171 + 231 + 272 \\ 779 &:= 1^4 + 3^1 + 23^1 + 23^1 + 27^2 = 14 + 31 + 231 + 231 + 272 & 779 &:= 1^4 + 9^1 + 18^1 + 22^1 + 27^2 = 14 + 91 + 181 + 221 + 272 \\ 779 &:= 1^4 + 4^1 + 18^1 + 27^1 + 27^2 = 14 + 41 + 181 + 271 + 272 & 779 &:= 1^4 + 9^1 + 19^1 + 21^1 + 27^2 = 14 + 91 + 191 + 211 + 272 \\ 779 &:= 1^4 + 4^1 + 19^1 + 26^1 + 27^2 = 14 + 41 + 191 + 261 + 272 & 779 &:= 1^4 + 9^1 + 20^1 + 20^1 + 27^2 = 14 + 91 + 201 + 201 + 272 \\ 779 &:= 1^4 + 4^1 + 20^1 + 25^1 + 27^2 = 14 + 41 + 201 + 251 + 272 & 779 &:= 1^4 + 9^2 + 20^1 + 21^0 + 26^2 = 14 + 92 + 201 + 210 + 262 \\ 779 &:= 1^4 + 4^1 + 21^1 + 24^1 + 27^2 = 14 + 41 + 211 + 241 + 272 & 779 &:= 1^4 + 9^3 + 19^0 + 21^1 + 27^1 = 14 + 93 + 190 + 211 + 271 \\ 779 &:= 1^4 + 4^1 + 22^1 + 23^1 + 27^2 = 14 + 41 + 221 + 231 + 272 & 779 &:= 1^4 + 9^3 + 19^0 + 22^1 + 26^1 = 14 + 93 + 190 + 221 + 261 \\ 779 &:= 1^4 + 5^1 + 17^1 + 27^1 + 27^2 = 14 + 51 + 171 + 271 + 272 & 779 &:= 1^4 + 9^3 + 19^0 + 23^1 + 25^1 = 14 + 93 + 190 + 231 + 251 \\ 779 &:= 1^4 + 5^1 + 18^1 + 26^1 + 27^2 = 14 + 51 + 181 + 261 + 272 & 779 &:= 1^4 + 9^3 + 19^0 + 24^1 + 24^1 = 14 + 93 + 190 + 241 + 241 \\ 779 &:= 1^4 + 5^1 + 19^1 + 25^1 + 27^2 = 14 + 51 + 191 + 251 + 272 & 779 &:= 1^5 + 10^2 + 13^0 + 26^2 + 27^0 = 15 + 102 + 130 + 262 + 270 \\ 779 &:= 1^4 + 5^1 + 20^1 + 24^1 + 27^2 = 14 + 51 + 201 + 241 + 272 & 779 &:= 1^5 + 10^2 + 14^0 + 26^0 + 26^2 = 15 + 102 + 140 + 260 + 262 \\ 779 &:= 1^4 + 5^1 + 21^1 + 23^1 + 27^2 = 14 + 51 + 211 + 231 + 272 & 779 &:= 1^5 + 10^2 + 15^0 + 25^0 + 26^2 = 15 + 102 + 150 + 250 + 262 \\ 779 &:= 1^4 + 5^1 + 22^1 + 22^1 + 27^2 = 14 + 51 + 221 + 221 + 272 & 779 &:= 1^5 + 10^2 + 16^0 + 24^0 + 26^2 = 15 + 102 + 160 + 240 + 262 \\ 779 &:= 1^4 + 5^2 + 21^0 + 23^1 + 27^2 = 14 + 52 + 210 + 231 + 272 & 779 &:= 1^5 + 10^2 + 17^0 + 23^0 + 26^2 = 15 + 102 + 170 + 230 + 262 \\ 779 &:= 1^4 + 6^1 + 16^1 + 27^1 + 27^2 = 14 + 61 + 161 + 271 + 272 & 779 &:= 1^5 + 10^2 + 18^0 + 22^0 + 26^2 = 15 + 102 + 180 + 220 + 262 \\ 779 &:= 1^4 + 6^1 + 17^1 + 26^1 + 27^2 = 14 + 61 + 171 + 261 + 272 & 779 &:= 1^5 + 10^2 + 19^0 + 21^0 + 26^2 = 15 + 102 + 190 + 210 + 262 \\ 779 &:= 1^4 + 6^1 + 18^1 + 25^1 + 27^2 = 14 + 61 + 181 + 251 + 272 & 779 &:= 1^5 + 10^2 + 20^0 + 20^0 + 26^2 = 15 + 102 + 200 + 200 + 262 \\ 779 &:= 1^4 + 6^1 + 19^1 + 24^1 + 27^2 = 14 + 61 + 191 + 241 + 272 & 779 &:= 1^9 + 2^7 + 24^0 + 24^1 + 25^2 = 19 + 27 + 240 + 241 + 252 \\ 779 &:= 1^4 + 6^1 + 20^1 + 23^1 + 27^2 = 14 + 61 + 201 + 231 + 272 & 779 &:= 10^2 + 12^2 + 16^2 + 16^2 + 23^1 = 102 + 122 + 162 + 162 + 231 \\ 779 &:= 1^4 + 6^1 + 21^1 + 22^1 + 27^2 = 14 + 61 + 211 + 221 + 272 & 779 &:= 11^2 + 11^2 + 15^2 + 17^2 + 23^1 = 112 + 112 + 152 + 172 + 231 \\ 779 &:= 1^4 + 7^1 + 15^1 + 27^1 + 27^2 = 14 + 71 + 151 + 271 + 272 & 779 &:= 12^2 + 12^2 + 12^2 + 18^2 + 23^1 = 122 + 122 + 122 + 182 + 231 \\ 779 &:= 1^4 + 7^1 + 16^1 + 26^1 + 27^2 = 14 + 71 + 161 + 261 + 272 & 779 &:= 13^2 + 14^2 + 14^2 + 14^2 + 22^1 = 132 + 142 + 142 + 142 + 221 \\ 779 &:= 1^4 + 7^1 + 17^1 + 25^1 + 27^2 = 14 + 71 + 171 + 251 + 272 & 779 &:= 2^1 + 3^6 + 20^1 + 25^0 + 27^1 = 21 + 36 + 201 + 250 + 271 \\ 779 &:= 1^4 + 7^1 + 18^1 + 24^1 + 27^2 = 14 + 71 + 181 + 241 + 272 & 779 &:= 2^1 + 3^6 + 21^1 + 25^0 + 26^1 = 21 + 36 + 211 + 250 + 261 \\ 779 &:= 1^4 + 7^1 + 19^1 + 23^1 + 27^2 = 14 + 71 + 191 + 231 + 272 & 779 &:= 2^1 + 3^6 + 22^1 + 25^0 + 25^1 = 21 + 36 + 221 + 250 + 251 \\ 779 &:= 1^4 + 7^1 + 20^1 + 22^1 + 27^2 = 14 + 71 + 201 + 221 + 272 & 779 &:= 2^1 + 3^6 + 23^1 + 24^1 + 25^0 = 21 + 36 + 231 + 241 + 250 \\ 779 &:= 1^4 + 7^1 + 21^1 + 21^1 + 27^2 = 14 + 71 + 211 + 211 + 272 & 779 &:= 2^3 + 15^2 + 16^2 + 17^2 + 27^0 = 23 + 152 + 162 + 172 + 270 \\ 779 &:= 1^4 + 8^1 + 14^1 + 27^1 + 27^2 = 14 + 81 + 141 + 271 + 272 & 779 &:= 2^3 + 5^3 + 20^1 + 25^0 + 25^2 = 23 + 53 + 201 + 250 + 252 \\ 779 &:= 1^4 + 8^1 + 15^1 + 26^1 + 27^2 = 14 + 81 + 151 + 261 + 272 & 779 &:= 2^3 + 6^3 + 21^0 + 23^2 + 25^1 = 23 + 63 + 210 + 232 + 251 \\ 779 &:= 1^4 + 8^1 + 16^1 + 25^1 + 27^2 = 14 + 81 + 161 + 251 + 272 & 779 &:= 2^3 + 7^3 + 20^2 + 21^0 + 27^1 = 23 + 73 + 202 + 210 + 271 \\ 779 &:= 1^4 + 8^1 + 17^1 + 24^1 + 27^2 = 14 + 81 + 171 + 241 + 272 & 779 &:= 2^4 + 11^2 + 16^1 + 23^0 + 25^2 = 24 + 112 + 161 + 230 + 252 \\ 779 &:= 1^4 + 8^1 + 18^1 + 23^1 + 27^2 = 14 + 81 + 181 + 231 + 272 & 779 &:= 2^4 + 13^2 + 17^1 + 21^0 + 24^2 = 24 + 132 + 171 + 210 + 242 \\ 779 &:= 1^4 + 8^1 + 19^1 + 22^1 + 27^2 = 14 + 81 + 191 + 221 + 272 & 779 &:= 2^4 + 15^0 + 16^2 + 22^1 + 22^2 = 24 + 150 + 162 + 221 + 222 \end{aligned}$$

$$\begin{aligned} 779 &:= 2^4 + 3^2 + 21^0 + 24^1 + 27^2 = 24 + 32 + 210 + 241 + 272 & 779 &:= 3^6 + 10^1 + 13^1 + 25^0 + 26^1 = 36 + 101 + 131 + 250 + 261 \\ 779 &:= 2^4 + 4^2 + 17^1 + 27^0 + 27^2 = 24 + 42 + 171 + 270 + 272 & 779 &:= 3^6 + 10^1 + 14^1 + 25^0 + 25^1 = 36 + 101 + 141 + 250 + 251 \\ 779 &:= 2^4 + 8^2 + 19^0 + 22^1 + 26^2 = 24 + 82 + 190 + 221 + 262 & 779 &:= 3^6 + 10^1 + 15^1 + 24^1 + 25^0 = 36 + 101 + 151 + 241 + 250 \\ 779 &:= 2^5 + 11^0 + 13^2 + 24^2 + 27^0 = 25 + 110 + 132 + 242 + 270 & 779 &:= 3^6 + 10^1 + 16^1 + 23^1 + 25^0 = 36 + 101 + 161 + 231 + 250 \\ 779 &:= 2^5 + 12^0 + 13^2 + 24^2 + 26^0 = 25 + 120 + 132 + 242 + 260 & 779 &:= 3^6 + 10^1 + 17^1 + 22^1 + 25^0 = 36 + 101 + 171 + 221 + 250 \\ 779 &:= 2^5 + 13^0 + 13^2 + 24^2 + 25^0 = 25 + 130 + 132 + 242 + 250 & 779 &:= 3^6 + 10^1 + 18^1 + 21^1 + 25^0 = 36 + 101 + 181 + 211 + 250 \\ 779 &:= 2^5 + 13^2 + 14^0 + 24^0 + 24^2 = 25 + 132 + 140 + 240 + 242 & 779 &:= 3^6 + 10^1 + 19^1 + 20^1 + 25^0 = 36 + 101 + 191 + 201 + 250 \\ 779 &:= 2^5 + 13^2 + 15^0 + 23^0 + 24^2 = 25 + 132 + 150 + 230 + 242 & 779 &:= 3^6 + 11^1 + 11^1 + 25^0 + 27^1 = 36 + 111 + 111 + 250 + 271 \\ 779 &:= 2^5 + 13^2 + 16^0 + 22^0 + 24^2 = 25 + 132 + 160 + 220 + 242 & 779 &:= 3^6 + 11^1 + 12^1 + 25^0 + 26^1 = 36 + 111 + 121 + 250 + 261 \\ 779 &:= 2^5 + 13^2 + 17^0 + 21^0 + 24^2 = 25 + 132 + 170 + 210 + 242 & 779 &:= 3^6 + 11^1 + 13^1 + 25^0 + 25^1 = 36 + 111 + 131 + 250 + 251 \\ 779 &:= 2^5 + 13^2 + 18^0 + 20^0 + 24^2 = 25 + 132 + 180 + 200 + 242 & 779 &:= 3^6 + 11^1 + 14^1 + 24^1 + 25^0 = 36 + 111 + 141 + 241 + 250 \\ 779 &:= 2^5 + 13^2 + 19^0 + 19^0 + 24^2 = 25 + 132 + 190 + 190 + 242 & 779 &:= 3^6 + 11^1 + 15^1 + 23^1 + 25^0 = 36 + 111 + 151 + 231 + 250 \\ 779 &:= 2^5 + 4^2 + 17^0 + 27^0 + 27^2 = 25 + 42 + 170 + 270 + 272 & 779 &:= 3^6 + 11^1 + 16^1 + 22^1 + 25^0 = 36 + 111 + 161 + 221 + 250 \\ 779 &:= 2^5 + 4^2 + 18^0 + 26^0 + 27^2 = 25 + 42 + 180 + 260 + 272 & 779 &:= 3^6 + 11^1 + 17^1 + 21^1 + 25^0 = 36 + 111 + 171 + 211 + 250 \\ 779 &:= 2^5 + 4^2 + 19^0 + 25^0 + 27^2 = 25 + 42 + 190 + 250 + 272 & 779 &:= 3^6 + 11^1 + 18^1 + 20^1 + 25^0 = 36 + 111 + 181 + 201 + 250 \\ 779 &:= 2^5 + 4^2 + 20^0 + 24^0 + 27^2 = 25 + 42 + 200 + 240 + 272 & 779 &:= 3^6 + 11^1 + 19^1 + 19^1 + 25^0 = 36 + 111 + 191 + 191 + 250 \\ 779 &:= 2^5 + 4^2 + 21^0 + 23^0 + 27^2 = 25 + 42 + 210 + 230 + 272 & 779 &:= 3^6 + 12^1 + 12^1 + 25^0 + 25^1 = 36 + 121 + 121 + 250 + 251 \\ 779 &:= 2^5 + 4^2 + 22^0 + 22^0 + 27^2 = 25 + 42 + 220 + 220 + 272 & 779 &:= 3^6 + 12^1 + 13^1 + 24^1 + 25^0 = 36 + 121 + 131 + 241 + 250 \\ 779 &:= 2^5 + 9^3 + 16^1 + 23^0 + 27^0 = 25 + 93 + 161 + 230 + 270 & 779 &:= 3^6 + 12^1 + 14^1 + 23^1 + 25^0 = 36 + 121 + 141 + 231 + 250 \\ 779 &:= 2^5 + 9^3 + 16^1 + 24^0 + 26^0 = 25 + 93 + 161 + 240 + 260 & 779 &:= 3^6 + 12^1 + 15^1 + 22^1 + 25^0 = 36 + 121 + 151 + 221 + 250 \\ 779 &:= 2^5 + 9^3 + 16^1 + 25^0 + 25^0 = 25 + 93 + 161 + 250 + 250 & 779 &:= 3^6 + 12^1 + 16^1 + 21^1 + 25^0 = 36 + 121 + 161 + 211 + 250 \\ 779 &:= 3^1 + 3^6 + 19^1 + 25^0 + 27^1 = 31 + 36 + 191 + 250 + 271 & 779 &:= 3^6 + 12^1 + 17^1 + 20^1 + 25^0 = 36 + 121 + 171 + 201 + 250 \\ 779 &:= 3^1 + 3^6 + 20^1 + 25^0 + 26^1 = 31 + 36 + 201 + 250 + 261 & 779 &:= 3^6 + 12^1 + 18^1 + 19^1 + 25^0 = 36 + 121 + 181 + 191 + 250 \\ 779 &:= 3^1 + 3^6 + 21^1 + 25^0 + 25^1 = 31 + 36 + 211 + 250 + 251 & 779 &:= 3^6 + 13^1 + 13^1 + 23^1 + 25^0 = 36 + 131 + 131 + 231 + 250 \\ 779 &:= 3^1 + 3^6 + 22^1 + 24^1 + 25^0 = 31 + 36 + 221 + 241 + 250 & 779 &:= 3^6 + 13^1 + 14^1 + 22^1 + 25^0 = 36 + 131 + 141 + 221 + 250 \\ 779 &:= 3^1 + 3^6 + 23^1 + 23^1 + 25^0 = 31 + 36 + 231 + 231 + 250 & 779 &:= 3^6 + 13^1 + 15^1 + 21^1 + 25^0 = 36 + 131 + 151 + 211 + 250 \\ 779 &:= 3^4 + 10^2 + 19^0 + 21^1 + 24^2 = 34 + 102 + 190 + 211 + 242 & 779 &:= 3^6 + 13^1 + 16^1 + 20^1 + 25^0 = 36 + 131 + 161 + 201 + 250 \\ 779 &:= 3^4 + 12^1 + 18^2 + 19^2 + 25^0 = 34 + 121 + 182 + 192 + 250 & 779 &:= 3^6 + 13^1 + 17^1 + 19^1 + 25^0 = 36 + 131 + 171 + 191 + 250 \\ 779 &:= 3^4 + 12^2 + 15^0 + 23^2 + 24^1 = 34 + 122 + 150 + 232 + 241 & 779 &:= 3^6 + 13^1 + 18^1 + 18^1 + 25^0 = 36 + 131 + 181 + 181 + 250 \\ 779 &:= 3^4 + 14^2 + 17^1 + 21^0 + 22^2 = 34 + 142 + 171 + 210 + 222 & 779 &:= 3^6 + 14^1 + 14^1 + 21^1 + 25^0 = 36 + 141 + 141 + 211 + 250 \\ 779 &:= 3^4 + 7^2 + 19^0 + 23^1 + 25^2 = 34 + 72 + 190 + 231 + 252 & 779 &:= 3^6 + 14^1 + 15^1 + 20^1 + 25^0 = 36 + 141 + 151 + 201 + 250 \\ 779 &:= 3^5 + 8^3 + 17^0 + 22^1 + 27^0 = 35 + 83 + 170 + 221 + 270 & 779 &:= 3^6 + 14^1 + 16^1 + 19^1 + 25^0 = 36 + 141 + 161 + 191 + 250 \\ 779 &:= 3^5 + 8^3 + 18^0 + 22^1 + 26^0 = 35 + 83 + 180 + 221 + 260 & 779 &:= 3^6 + 14^1 + 17^1 + 18^1 + 25^0 = 36 + 141 + 171 + 181 + 250 \\ 779 &:= 3^5 + 8^3 + 19^0 + 22^1 + 25^0 = 35 + 83 + 190 + 221 + 250 & 779 &:= 3^6 + 15^1 + 15^1 + 19^1 + 25^0 = 36 + 151 + 151 + 191 + 250 \\ 779 &:= 3^5 + 8^3 + 20^0 + 22^1 + 24^0 = 35 + 83 + 200 + 221 + 240 & 779 &:= 3^6 + 15^1 + 16^1 + 18^1 + 25^0 = 36 + 151 + 161 + 181 + 250 \\ 779 &:= 3^5 + 8^3 + 21^0 + 22^1 + 23^0 = 35 + 83 + 210 + 221 + 230 & 779 &:= 3^6 + 15^1 + 17^1 + 17^1 + 25^0 = 36 + 151 + 171 + 171 + 250 \\ 779 &:= 3^5 + 8^3 + 22^0 + 22^0 + 22^1 = 35 + 83 + 220 + 220 + 221 & 779 &:= 3^6 + 16^1 + 16^1 + 17^1 + 25^0 = 36 + 161 + 161 + 171 + 250 \\ 779 &:= 3^6 + 10^1 + 12^1 + 25^0 + 27^1 = 36 + 101 + 121 + 250 + 271 & 779 &:= 3^6 + 4^1 + 18^1 + 25^0 + 27^1 = 36 + 41 + 181 + 250 + 271 \end{aligned}$$

$$\begin{aligned} 779 &:= 3^6 + 4^1 + 19^1 + 25^0 + 26^1 = 36 + 41 + 191 + 250 + 261 & 779 &:= 3^6 + 9^1 + 16^1 + 24^1 + 25^0 = 36 + 91 + 161 + 241 + 250 \\ 779 &:= 3^6 + 4^1 + 20^1 + 25^0 + 25^1 = 36 + 41 + 201 + 250 + 251 & 779 &:= 3^6 + 9^1 + 17^1 + 23^1 + 25^0 = 36 + 91 + 171 + 231 + 250 \\ 779 &:= 3^6 + 4^1 + 21^1 + 24^1 + 25^0 = 36 + 41 + 211 + 241 + 250 & 779 &:= 3^6 + 9^1 + 18^1 + 22^1 + 25^0 = 36 + 91 + 181 + 221 + 250 \\ 779 &:= 3^6 + 4^1 + 22^1 + 23^1 + 25^0 = 36 + 41 + 221 + 231 + 250 & 779 &:= 3^6 + 9^1 + 19^1 + 21^1 + 25^0 = 36 + 91 + 191 + 211 + 250 \\ 779 &:= 3^6 + 5^1 + 17^1 + 25^0 + 27^1 = 36 + 51 + 171 + 250 + 271 & 779 &:= 3^6 + 9^1 + 20^1 + 20^1 + 25^0 = 36 + 91 + 201 + 201 + 250 \\ 779 &:= 3^6 + 5^1 + 18^1 + 25^0 + 26^1 = 36 + 51 + 181 + 250 + 261 & 779 &:= 4^2 + 15^2 + 16^2 + 16^2 + 26^1 = 42 + 152 + 162 + 162 + 261 \\ 779 &:= 3^6 + 5^1 + 19^1 + 25^0 + 25^1 = 36 + 51 + 191 + 250 + 251 & 779 &:= 4^2 + 4^4 + 22^1 + 22^2 + 25^0 = 42 + 44 + 221 + 222 + 250 \\ 779 &:= 3^6 + 5^1 + 20^1 + 24^1 + 25^0 = 36 + 51 + 201 + 241 + 250 & 779 &:= 4^3 + 10^2 + 12^1 + 24^2 + 27^1 = 43 + 102 + 121 + 242 + 271 \\ 779 &:= 3^6 + 5^1 + 21^1 + 23^1 + 25^0 = 36 + 51 + 211 + 231 + 250 & 779 &:= 4^3 + 10^2 + 13^1 + 24^2 + 26^1 = 43 + 102 + 131 + 242 + 261 \\ 779 &:= 3^6 + 5^1 + 22^1 + 22^1 + 25^0 = 36 + 51 + 221 + 221 + 250 & 779 &:= 4^3 + 10^2 + 14^1 + 24^2 + 25^1 = 43 + 102 + 141 + 242 + 251 \\ 779 &:= 3^6 + 5^2 + 19^0 + 23^1 + 27^0 = 36 + 52 + 190 + 231 + 270 & 779 &:= 4^3 + 10^2 + 15^1 + 24^1 + 24^2 = 43 + 102 + 151 + 241 + 242 \\ 779 &:= 3^6 + 5^2 + 20^0 + 23^1 + 26^0 = 36 + 52 + 200 + 231 + 260 & 779 &:= 4^3 + 10^2 + 16^1 + 23^1 + 24^2 = 43 + 102 + 161 + 231 + 242 \\ 779 &:= 3^6 + 5^2 + 21^0 + 23^1 + 25^0 = 36 + 52 + 210 + 231 + 250 & 779 &:= 4^3 + 10^2 + 17^1 + 22^1 + 24^2 = 43 + 102 + 171 + 221 + 242 \\ 779 &:= 3^6 + 5^2 + 22^0 + 23^1 + 24^0 = 36 + 52 + 220 + 231 + 240 & 779 &:= 4^3 + 10^2 + 18^1 + 21^1 + 24^2 = 43 + 102 + 181 + 211 + 242 \\ 779 &:= 3^6 + 5^2 + 23^0 + 23^0 + 23^1 = 36 + 52 + 230 + 230 + 231 & 779 &:= 4^3 + 10^2 + 19^1 + 20^1 + 24^2 = 43 + 102 + 191 + 201 + 242 \\ 779 &:= 3^6 + 6^1 + 16^1 + 25^0 + 27^1 = 36 + 61 + 161 + 250 + 271 & 779 &:= 4^3 + 13^2 + 16^2 + 17^2 + 27^0 = 43 + 132 + 162 + 172 + 270 \\ 779 &:= 3^6 + 6^1 + 17^1 + 25^0 + 26^1 = 36 + 61 + 171 + 250 + 261 & 779 &:= 4^3 + 4^3 + 19^0 + 25^1 + 25^2 = 43 + 43 + 190 + 251 + 252 \\ 779 &:= 3^6 + 6^1 + 18^1 + 25^0 + 25^1 = 36 + 61 + 181 + 250 + 251 & 779 &:= 4^3 + 7^2 + 14^1 + 25^2 + 27^1 = 43 + 72 + 141 + 252 + 271 \\ 779 &:= 3^6 + 6^1 + 19^1 + 24^1 + 25^0 = 36 + 61 + 191 + 241 + 250 & 779 &:= 4^3 + 7^2 + 15^1 + 25^2 + 26^1 = 43 + 72 + 151 + 252 + 261 \\ 779 &:= 3^6 + 6^1 + 20^1 + 23^1 + 25^0 = 36 + 61 + 201 + 231 + 250 & 779 &:= 4^3 + 7^2 + 16^1 + 25^1 + 25^2 = 43 + 72 + 161 + 251 + 252 \\ 779 &:= 3^6 + 6^1 + 21^1 + 22^1 + 25^0 = 36 + 61 + 211 + 221 + 250 & 779 &:= 4^3 + 7^2 + 17^1 + 24^1 + 25^2 = 43 + 72 + 171 + 241 + 252 \\ 779 &:= 3^6 + 7^1 + 15^1 + 25^0 + 27^1 = 36 + 71 + 151 + 250 + 271 & 779 &:= 4^3 + 7^2 + 18^1 + 23^1 + 25^2 = 43 + 72 + 181 + 231 + 252 \\ 779 &:= 3^6 + 7^1 + 16^1 + 25^0 + 26^1 = 36 + 71 + 161 + 250 + 261 & 779 &:= 4^3 + 7^2 + 19^1 + 22^1 + 25^2 = 43 + 72 + 191 + 221 + 252 \\ 779 &:= 3^6 + 7^1 + 17^1 + 25^0 + 25^1 = 36 + 71 + 171 + 250 + 251 & 779 &:= 4^3 + 7^2 + 20^1 + 21^1 + 25^2 = 43 + 72 + 201 + 211 + 252 \\ 779 &:= 3^6 + 7^1 + 18^1 + 24^1 + 25^0 = 36 + 71 + 181 + 241 + 250 & 779 &:= 4^4 + 10^2 + 20^2 + 21^0 + 22^1 = 44 + 102 + 202 + 210 + 221 \\ 779 &:= 3^6 + 7^1 + 19^1 + 23^1 + 25^0 = 36 + 71 + 191 + 231 + 250 & 779 &:= 4^4 + 12^2 + 17^1 + 19^2 + 25^0 = 44 + 122 + 171 + 192 + 250 \\ 779 &:= 3^6 + 7^1 + 20^1 + 22^1 + 25^0 = 36 + 71 + 201 + 221 + 250 & 779 &:= 4^4 + 8^2 + 17^1 + 21^2 + 27^0 = 44 + 82 + 171 + 212 + 270 \\ 779 &:= 3^6 + 7^1 + 21^1 + 21^1 + 25^0 = 36 + 71 + 211 + 211 + 250 & 779 &:= 5^3 + 10^1 + 16^2 + 19^2 + 27^1 = 53 + 101 + 162 + 192 + 271 \\ 779 &:= 3^6 + 8^1 + 14^1 + 25^0 + 27^1 = 36 + 81 + 141 + 250 + 271 & 779 &:= 5^3 + 11^1 + 16^2 + 19^2 + 26^1 = 53 + 111 + 162 + 192 + 261 \\ 779 &:= 3^6 + 8^1 + 15^1 + 25^0 + 26^1 = 36 + 81 + 151 + 250 + 261 & 779 &:= 5^3 + 12^1 + 16^2 + 19^2 + 25^1 = 53 + 121 + 162 + 192 + 251 \\ 779 &:= 3^6 + 8^1 + 16^1 + 25^0 + 25^1 = 36 + 81 + 161 + 250 + 251 & 779 &:= 5^3 + 13^1 + 16^2 + 19^2 + 24^1 = 53 + 131 + 162 + 192 + 241 \\ 779 &:= 3^6 + 8^1 + 17^1 + 24^1 + 25^0 = 36 + 81 + 171 + 241 + 250 & 779 &:= 5^3 + 14^1 + 16^2 + 19^2 + 23^1 = 53 + 141 + 162 + 192 + 231 \\ 779 &:= 3^6 + 8^1 + 18^1 + 23^1 + 25^0 = 36 + 81 + 181 + 231 + 250 & 779 &:= 5^3 + 15^1 + 16^2 + 19^2 + 22^1 = 53 + 151 + 162 + 192 + 221 \\ 779 &:= 3^6 + 8^1 + 19^1 + 22^1 + 25^0 = 36 + 81 + 191 + 221 + 250 & 779 &:= 5^3 + 16^1 + 16^2 + 19^2 + 21^1 = 53 + 161 + 162 + 192 + 211 \\ 779 &:= 3^6 + 8^1 + 20^1 + 21^1 + 25^0 = 36 + 81 + 201 + 211 + 250 & 779 &:= 5^3 + 16^2 + 17^1 + 19^2 + 20^1 = 53 + 162 + 171 + 192 + 201 \\ 779 &:= 3^6 + 9^1 + 13^1 + 25^0 + 27^1 = 36 + 91 + 131 + 250 + 271 & 779 &:= 5^3 + 16^2 + 18^1 + 19^1 + 19^2 = 53 + 162 + 181 + 191 + 192 \\ 779 &:= 3^6 + 9^1 + 14^1 + 25^0 + 26^1 = 36 + 91 + 141 + 250 + 261 & 779 &:= 5^3 + 6^2 + 15^1 + 24^2 + 27^1 = 53 + 62 + 151 + 242 + 271 \\ 779 &:= 3^6 + 9^1 + 15^1 + 25^0 + 25^1 = 36 + 91 + 151 + 250 + 251 & 779 &:= 5^3 + 6^2 + 16^1 + 24^2 + 26^1 = 53 + 62 + 161 + 242 + 261 \end{aligned}$$

$779 := 5^3 + 6^2 + 17^1 + 24^2 + 25^1 = 53 + 62 + 171 + 242 + 251$	$779 := 6^3 + 9^2 + 17^1 + 21^2 + 24^1 = 63 + 92 + 171 + 212 + 241$
$779 := 5^3 + 6^2 + 18^1 + 24^1 + 24^2 = 53 + 62 + 181 + 241 + 242$	$779 := 6^3 + 9^2 + 18^1 + 21^2 + 23^1 = 63 + 92 + 181 + 212 + 231$
$779 := 5^3 + 6^2 + 19^1 + 23^1 + 24^2 = 53 + 62 + 191 + 231 + 242$	$779 := 6^3 + 9^2 + 19^1 + 21^2 + 22^1 = 63 + 92 + 191 + 212 + 221$
$779 := 5^3 + 6^2 + 20^1 + 22^1 + 24^2 = 53 + 62 + 201 + 221 + 242$	$779 := 6^3 + 9^2 + 20^1 + 21^1 + 21^2 = 63 + 92 + 201 + 211 + 212$
$779 := 5^3 + 6^2 + 21^1 + 21^1 + 24^2 = 53 + 62 + 211 + 211 + 242$	$779 := 7^2 + 15^2 + 15^2 + 16^2 + 24^1 = 72 + 152 + 152 + 162 + 241$
$779 := 5^3 + 7^3 + 17^2 + 21^1 + 27^0 = 53 + 73 + 172 + 211 + 270$	$779 := 7^2 + 8^3 + 13^2 + 22^1 + 27^1 = 72 + 83 + 132 + 221 + 271$
$779 := 6^2 + 10^2 + 16^2 + 19^2 + 26^1 = 62 + 102 + 162 + 192 + 261$	$779 := 7^2 + 8^3 + 13^2 + 23^1 + 26^1 = 72 + 83 + 132 + 231 + 261$
$779 := 6^2 + 11^2 + 14^2 + 20^2 + 26^1 = 62 + 112 + 142 + 202 + 261$	$779 := 7^2 + 8^3 + 13^2 + 24^1 + 25^1 = 72 + 83 + 132 + 241 + 251$
$779 := 6^2 + 13^2 + 15^2 + 18^2 + 25^1 = 62 + 132 + 152 + 182 + 251$	$779 := 7^3 + 13^2 + 15^1 + 15^2 + 27^1 = 73 + 132 + 151 + 152 + 271$
$779 := 6^2 + 6^3 + 16^1 + 22^2 + 27^1 = 62 + 63 + 161 + 222 + 271$	$779 := 7^3 + 13^2 + 15^2 + 16^1 + 26^1 = 73 + 132 + 152 + 161 + 261$
$779 := 6^2 + 6^3 + 17^1 + 22^2 + 26^1 = 62 + 63 + 171 + 222 + 261$	$779 := 7^3 + 13^2 + 15^2 + 17^1 + 25^1 = 73 + 132 + 152 + 171 + 251$
$779 := 6^2 + 6^3 + 18^1 + 22^2 + 25^1 = 62 + 63 + 181 + 222 + 251$	$779 := 7^3 + 13^2 + 15^2 + 18^1 + 24^1 = 73 + 132 + 152 + 181 + 241$
$779 := 6^2 + 6^3 + 19^1 + 22^2 + 24^1 = 62 + 63 + 191 + 222 + 241$	$779 := 7^3 + 13^2 + 15^2 + 19^1 + 23^1 = 73 + 132 + 152 + 191 + 231$
$779 := 6^2 + 6^3 + 20^1 + 22^2 + 23^1 = 62 + 63 + 201 + 222 + 231$	$779 := 7^3 + 13^2 + 15^2 + 20^1 + 22^1 = 73 + 132 + 152 + 201 + 221$
$779 := 6^2 + 6^3 + 21^1 + 22^1 + 22^2 = 62 + 63 + 211 + 221 + 222$	$779 := 7^3 + 13^2 + 15^2 + 21^1 + 21^1 = 73 + 132 + 152 + 211 + 211$
$779 := 6^3 + 6^3 + 18^2 + 22^1 + 25^0 = 63 + 63 + 182 + 221 + 250$	$779 := 8^2 + 11^2 + 13^2 + 20^2 + 25^1 = 82 + 112 + 132 + 202 + 251$
$779 := 6^3 + 7^3 + 14^2 + 23^1 + 27^0 = 63 + 73 + 142 + 231 + 270$	$779 := 8^2 + 8^2 + 15^2 + 20^2 + 26^1 = 82 + 82 + 152 + 202 + 261$
$779 := 6^3 + 9^2 + 14^1 + 21^2 + 27^1 = 63 + 92 + 141 + 212 + 271$	$779 := 9^2 + 12^2 + 13^2 + 19^2 + 24^1 = 92 + 122 + 132 + 192 + 241$
$779 := 6^3 + 9^2 + 15^1 + 21^2 + 26^1 = 63 + 92 + 151 + 212 + 261$	$779 := 9^2 + 15^2 + 15^2 + 15^2 + 23^1 = 92 + 152 + 152 + 152 + 231$
$779 := 6^3 + 9^2 + 16^1 + 21^2 + 25^1 = 63 + 92 + 161 + 212 + 251$	

2.2.681 Number 780

$780 := 1^2 + 3^6 + 7^2 + 66^0 = 12 + 36 + 72 + 660$	$780 := 1^5 + 13^1 + 18^2 + 21^2 + 24^0 = 15 + 131 + 182 + 212 + 240$
$780 := 1^3 + 3^6 + 24^0 + 49^1 = 13 + 36 + 240 + 491$	$780 := 1^5 + 14^0 + 15^2 + 23^2 + 24^1 = 15 + 140 + 152 + 232 + 241$
$780 := 1^5 + 7^2 + 9^3 + 60^0 = 15 + 72 + 93 + 600$	$780 := 1^5 + 17^1 + 19^2 + 20^0 + 20^2 = 15 + 171 + 192 + 200 + 202$
$780 := 1^6 + 7^2 + 27^2 + 42^0 = 16 + 72 + 272 + 420$	$780 := 1^5 + 5^2 + 20^0 + 24^1 + 27^2 = 15 + 52 + 200 + 241 + 272$
$780 := 1^6 + 9^3 + 18^0 + 49^1 = 16 + 93 + 180 + 491$	$780 := 1^5 + 9^2 + 20^0 + 21^1 + 26^2 = 15 + 92 + 200 + 211 + 262$
$780 := 2^3 + 3^6 + 30^0 + 42^1 = 23 + 36 + 300 + 421$	$780 := 1^5 + 9^3 + 18^0 + 22^1 + 27^1 = 15 + 93 + 180 + 221 + 271$
$780 := 2^7 + 24^0 + 25^2 + 26^1 = 27 + 240 + 252 + 261$	$780 := 1^5 + 9^3 + 18^0 + 23^1 + 26^1 = 15 + 93 + 180 + 231 + 261$
$780 := 3^3 + 3^6 + 23^1 + 48^0 = 33 + 36 + 231 + 480$	$780 := 1^5 + 9^3 + 18^0 + 24^1 + 25^1 = 15 + 93 + 180 + 241 + 251$
$780 := 3^6 + 5^2 + 5^2 + 64^0 = 36 + 52 + 52 + 640$	$780 := 2^0 + 2^7 + 23^0 + 25^1 + 25^2 = 20 + 27 + 230 + 251 + 252$
$780 := 1^0 + 2^7 + 24^0 + 25^1 + 25^2 = 10 + 27 + 240 + 251 + 252$	$780 := 2^2 + 3^6 + 19^1 + 26^0 + 27^1 = 22 + 36 + 191 + 260 + 271$
$780 := 1^2 + 3^6 + 22^1 + 24^0 + 27^1 = 12 + 36 + 221 + 240 + 271$	$780 := 2^2 + 3^6 + 20^1 + 26^0 + 26^1 = 22 + 36 + 201 + 260 + 261$
$780 := 1^2 + 3^6 + 23^1 + 24^0 + 26^1 = 12 + 36 + 231 + 240 + 261$	$780 := 2^2 + 3^6 + 21^1 + 25^1 + 26^0 = 22 + 36 + 211 + 251 + 260$
$780 := 1^2 + 3^6 + 24^0 + 24^1 + 25^1 = 12 + 36 + 240 + 241 + 251$	$780 := 2^2 + 3^6 + 22^1 + 24^1 + 26^0 = 22 + 36 + 221 + 241 + 260$
$780 := 1^3 + 3^4 + 21^1 + 26^0 + 26^2 = 13 + 34 + 211 + 260 + 262$	$780 := 2^2 + 3^6 + 23^1 + 23^1 + 26^0 = 22 + 36 + 231 + 231 + 260$
$780 := 1^4 + 3^3 + 22^1 + 24^0 + 27^2 = 14 + 33 + 221 + 240 + 272$	$780 := 2^3 + 2^4 + 20^0 + 26^1 + 27^2 = 23 + 24 + 200 + 261 + 272$

$$\begin{aligned}
 780 &:= 2^4 + 4^3 + 22^0 + 23^1 + 26^2 = 24 + 43 + 220 + 231 + 262 \\
 780 &:= 2^4 + 8^3 + 15^2 + 26^0 + 26^1 = 24 + 83 + 152 + 260 + 261 \\
 780 &:= 2^5 + 10^2 + 18^0 + 22^1 + 25^2 = 25 + 102 + 180 + 221 + 252 \\
 780 &:= 2^5 + 12^0 + 12^2 + 24^2 + 27^1 = 25 + 120 + 122 + 242 + 271 \\
 780 &:= 2^5 + 12^0 + 19^2 + 19^2 + 25^1 = 25 + 120 + 192 + 192 + 251 \\
 780 &:= 2^5 + 14^0 + 18^2 + 20^2 + 23^1 = 25 + 140 + 182 + 202 + 231 \\
 780 &:= 2^5 + 14^2 + 16^0 + 22^1 + 23^2 = 25 + 142 + 160 + 221 + 232 \\
 780 &:= 2^5 + 17^1 + 17^2 + 20^0 + 21^2 = 25 + 171 + 172 + 200 + 212 \\
 780 &:= 2^5 + 7^2 + 20^0 + 22^1 + 26^2 = 25 + 72 + 200 + 221 + 262 \\
 780 &:= 2^6 + 10^0 + 12^1 + 26^2 + 27^1 = 26 + 100 + 121 + 262 + 271 \\
 780 &:= 2^6 + 10^0 + 13^1 + 26^1 + 26^2 = 26 + 100 + 131 + 261 + 262 \\
 780 &:= 2^6 + 10^0 + 14^1 + 25^1 + 26^2 = 26 + 100 + 141 + 251 + 262 \\
 780 &:= 2^6 + 10^0 + 15^1 + 24^1 + 26^2 = 26 + 100 + 151 + 241 + 262 \\
 780 &:= 2^6 + 10^0 + 16^1 + 23^1 + 26^2 = 26 + 100 + 161 + 231 + 262 \\
 780 &:= 2^6 + 10^0 + 17^1 + 22^1 + 26^2 = 26 + 100 + 171 + 221 + 262 \\
 780 &:= 2^6 + 10^0 + 18^1 + 21^1 + 26^2 = 26 + 100 + 181 + 211 + 262 \\
 780 &:= 2^6 + 10^0 + 19^1 + 20^1 + 26^2 = 26 + 100 + 191 + 201 + 262 \\
 780 &:= 2^7 + 10^0 + 15^0 + 25^1 + 25^2 = 27 + 100 + 150 + 251 + 252 \\
 780 &:= 2^7 + 11^0 + 14^0 + 25^1 + 25^2 = 27 + 110 + 140 + 251 + 252
 \end{aligned}$$

$$\begin{aligned}
 780 &:= 2^7 + 12^0 + 13^0 + 25^1 + 25^2 = 27 + 120 + 130 + 251 + 252 \\
 780 &:= 2^7 + 3^0 + 22^0 + 25^1 + 25^2 = 27 + 30 + 220 + 251 + 252 \\
 780 &:= 2^7 + 4^0 + 21^0 + 25^1 + 25^2 = 27 + 40 + 210 + 251 + 252 \\
 780 &:= 2^7 + 5^0 + 20^0 + 25^1 + 25^2 = 27 + 50 + 200 + 251 + 252 \\
 780 &:= 2^7 + 6^0 + 19^0 + 25^1 + 25^2 = 27 + 60 + 190 + 251 + 252 \\
 780 &:= 2^7 + 7^0 + 18^0 + 25^1 + 25^2 = 27 + 70 + 180 + 251 + 252 \\
 780 &:= 2^7 + 8^0 + 17^0 + 25^1 + 25^2 = 27 + 80 + 170 + 251 + 252 \\
 780 &:= 2^7 + 9^0 + 16^0 + 25^1 + 25^2 = 27 + 90 + 160 + 251 + 252 \\
 780 &:= 3^3 + 3^6 + 22^0 + 22^1 + 27^0 = 33 + 36 + 220 + 221 + 270 \\
 780 &:= 3^3 + 3^6 + 22^1 + 23^0 + 26^0 = 33 + 36 + 221 + 230 + 260 \\
 780 &:= 3^3 + 3^6 + 22^1 + 24^0 + 25^0 = 33 + 36 + 221 + 240 + 250 \\
 780 &:= 3^4 + 4^4 + 21^2 + 22^0 + 27^0 = 34 + 44 + 212 + 220 + 270 \\
 780 &:= 3^4 + 4^4 + 21^2 + 23^0 + 26^0 = 34 + 44 + 212 + 230 + 260 \\
 780 &:= 3^4 + 4^4 + 21^2 + 24^0 + 25^0 = 34 + 44 + 212 + 240 + 250 \\
 780 &:= 3^5 + 14^2 + 16^1 + 18^2 + 26^0 = 35 + 142 + 161 + 182 + 260 \\
 780 &:= 3^5 + 15^2 + 17^2 + 20^0 + 22^1 = 35 + 152 + 172 + 200 + 221 \\
 780 &:= 3^5 + 16^2 + 16^2 + 18^0 + 24^1 = 35 + 162 + 162 + 180 + 241 \\
 780 &:= 3^5 + 5^2 + 20^0 + 22^2 + 27^1 = 35 + 52 + 200 + 222 + 271
 \end{aligned}$$

2.2.682 Number 781

$$\begin{aligned}
 781 &:= 1^4 + 3^6 + 23^0 + 50^1 = 14 + 36 + 230 + 501 \\
 781 &:= 1^6 + 2^2 + 27^2 + 47^1 = 16 + 22 + 272 + 471 \\
 781 &:= 1^7 + 9^3 + 17^0 + 50^1 = 17 + 93 + 170 + 501 \\
 781 &:= 2^4 + 3^6 + 35^1 + 37^0 = 24 + 36 + 351 + 370 \\
 781 &:= 2^5 + 3^3 + 26^2 + 46^1 = 25 + 33 + 262 + 461 \\
 781 &:= 2^6 + 10^2 + 24^2 + 41^1 = 26 + 102 + 242 + 411 \\
 781 &:= 2^6 + 7^2 + 25^2 + 43^1 = 26 + 72 + 252 + 431 \\
 781 &:= 2^8 + 13^0 + 22^2 + 40^1 = 28 + 130 + 222 + 401 \\
 781 &:= 3^2 + 3^4 + 5^4 + 66^1 = 32 + 34 + 54 + 661 \\
 781 &:= 3^3 + 4^3 + 5^4 + 65^1 = 33 + 43 + 54 + 651 \\
 781 &:= 1^1 + 2^7 + 23^0 + 25^2 + 26^1 = 11 + 27 + 230 + 252 + 261 \\
 781 &:= 1^3 + 3^6 + 23^0 + 23^1 + 27^1 = 13 + 36 + 230 + 231 + 271 \\
 781 &:= 1^3 + 3^6 + 23^0 + 24^1 + 26^1 = 13 + 36 + 230 + 241 + 261 \\
 781 &:= 1^3 + 3^6 + 23^0 + 25^1 + 25^1 = 13 + 36 + 230 + 251 + 251 \\
 781 &:= 1^4 + 3^4 + 22^1 + 25^0 + 26^2 = 14 + 34 + 221 + 250 + 262 \\
 781 &:= 1^5 + 2^2 + 20^1 + 27^1 + 27^2 = 15 + 22 + 201 + 271 + 272
 \end{aligned}$$

$$\begin{aligned}
 781 &:= 1^5 + 2^2 + 21^1 + 26^1 + 27^2 = 15 + 22 + 211 + 261 + 272 \\
 781 &:= 1^5 + 2^2 + 22^1 + 25^1 + 27^2 = 15 + 22 + 221 + 251 + 272 \\
 781 &:= 1^5 + 2^2 + 23^1 + 24^1 + 27^2 = 15 + 22 + 231 + 241 + 272 \\
 781 &:= 1^5 + 3^3 + 23^0 + 23^1 + 27^2 = 15 + 33 + 230 + 231 + 272 \\
 781 &:= 1^6 + 13^0 + 15^2 + 23^2 + 25^1 = 16 + 130 + 152 + 232 + 251 \\
 781 &:= 1^6 + 14^1 + 18^2 + 21^2 + 23^0 = 16 + 141 + 182 + 212 + 230 \\
 781 &:= 1^6 + 18^1 + 19^0 + 19^2 + 20^2 = 16 + 181 + 190 + 192 + 202 \\
 781 &:= 1^6 + 5^2 + 19^0 + 25^1 + 27^2 = 16 + 52 + 190 + 251 + 272 \\
 781 &:= 1^6 + 9^2 + 19^0 + 22^1 + 26^2 = 16 + 92 + 190 + 221 + 262 \\
 781 &:= 1^6 + 9^3 + 17^0 + 23^1 + 27^1 = 16 + 93 + 170 + 231 + 271 \\
 781 &:= 1^6 + 9^3 + 17^0 + 24^1 + 26^1 = 16 + 93 + 170 + 241 + 261 \\
 781 &:= 1^6 + 9^3 + 17^0 + 25^1 + 25^1 = 16 + 93 + 170 + 251 + 251 \\
 781 &:= 1^7 + 7^2 + 15^0 + 27^0 + 27^2 = 17 + 72 + 150 + 270 + 272 \\
 781 &:= 1^7 + 7^2 + 16^0 + 26^0 + 27^2 = 17 + 72 + 160 + 260 + 272 \\
 781 &:= 1^7 + 7^2 + 17^0 + 25^0 + 27^2 = 17 + 72 + 170 + 250 + 272 \\
 781 &:= 1^7 + 7^2 + 18^0 + 24^0 + 27^2 = 17 + 72 + 180 + 240 + 272
 \end{aligned}$$

$$\begin{aligned}
 781 &:= 1^7 + 7^2 + 19^0 + 23^0 + 27^2 = 17 + 72 + 190 + 230 + 272 \\
 781 &:= 1^7 + 7^2 + 20^0 + 22^0 + 27^2 = 17 + 72 + 200 + 220 + 272 \\
 781 &:= 1^7 + 7^2 + 21^0 + 21^0 + 27^2 = 17 + 72 + 210 + 210 + 272 \\
 781 &:= 2^1 + 2^7 + 23^0 + 25^1 + 25^2 = 21 + 27 + 230 + 251 + 252 \\
 781 &:= 2^2 + 3^5 + 22^2 + 23^1 + 27^1 = 22 + 35 + 222 + 231 + 271 \\
 781 &:= 2^2 + 3^5 + 22^2 + 24^1 + 26^1 = 22 + 35 + 222 + 241 + 261 \\
 781 &:= 2^2 + 3^5 + 22^2 + 25^1 + 25^1 = 22 + 35 + 222 + 251 + 251 \\
 781 &:= 2^4 + 2^4 + 19^1 + 27^0 + 27^2 = 24 + 24 + 191 + 270 + 272 \\
 781 &:= 2^4 + 4^4 + 22^2 + 24^1 + 25^0 = 24 + 44 + 222 + 241 + 250 \\
 781 &:= 2^6 + 11^0 + 17^2 + 20^2 + 27^1 = 26 + 110 + 172 + 202 + 271 \\
 781 &:= 2^6 + 11^2 + 19^1 + 21^0 + 24^2 = 26 + 112 + 191 + 210 + 242 \\
 781 &:= 2^6 + 13^2 + 18^1 + 21^0 + 23^2 = 26 + 132 + 181 + 210 + 232 \\
 781 &:= 2^6 + 16^2 + 19^0 + 19^1 + 21^2 = 26 + 162 + 190 + 191 + 212 \\
 781 &:= 2^6 + 4^2 + 21^0 + 24^1 + 26^2 = 26 + 42 + 210 + 241 + 262 \\
 781 &:= 2^6 + 8^2 + 15^0 + 25^2 + 27^1 = 26 + 82 + 150 + 252 + 271 \\
 781 &:= 2^7 + 10^1 + 17^1 + 23^0 + 25^2 = 27 + 101 + 171 + 230 + 252 \\
 781 &:= 2^7 + 11^1 + 16^1 + 23^0 + 25^2 = 27 + 111 + 161 + 230 + 252
 \end{aligned}$$

$$\begin{aligned}
 781 &:= 2^7 + 12^1 + 15^1 + 23^0 + 25^2 = 27 + 121 + 151 + 230 + 252 \\
 781 &:= 2^7 + 13^1 + 14^1 + 23^0 + 25^2 = 27 + 131 + 141 + 230 + 252 \\
 781 &:= 2^7 + 3^1 + 23^0 + 24^1 + 25^2 = 27 + 31 + 230 + 241 + 252 \\
 781 &:= 2^7 + 4^1 + 23^0 + 23^1 + 25^2 = 27 + 41 + 230 + 231 + 252 \\
 781 &:= 2^7 + 5^1 + 22^1 + 23^0 + 25^2 = 27 + 51 + 221 + 230 + 252 \\
 781 &:= 2^7 + 6^1 + 21^1 + 23^0 + 25^2 = 27 + 61 + 211 + 230 + 252 \\
 781 &:= 2^7 + 7^1 + 20^1 + 23^0 + 25^2 = 27 + 71 + 201 + 230 + 252 \\
 781 &:= 2^7 + 8^1 + 19^1 + 23^0 + 25^2 = 27 + 81 + 191 + 230 + 252 \\
 781 &:= 2^7 + 9^1 + 18^1 + 23^0 + 25^2 = 27 + 91 + 181 + 230 + 252 \\
 781 &:= 3^3 + 3^5 + 22^2 + 23^0 + 26^1 = 33 + 35 + 222 + 230 + 261 \\
 781 &:= 3^4 + 5^3 + 19^1 + 23^2 + 27^1 = 34 + 53 + 191 + 232 + 271 \\
 781 &:= 3^4 + 5^3 + 20^1 + 23^2 + 26^1 = 34 + 53 + 201 + 232 + 261 \\
 781 &:= 3^4 + 5^3 + 21^1 + 23^2 + 25^1 = 34 + 53 + 211 + 232 + 251 \\
 781 &:= 3^4 + 5^3 + 22^1 + 23^2 + 24^1 = 34 + 53 + 221 + 232 + 241 \\
 781 &:= 3^4 + 5^3 + 23^1 + 23^1 + 23^2 = 34 + 53 + 231 + 231 + 232
 \end{aligned}$$

2.2.683 Number 782

$$\begin{aligned}
 782 &:= 1^5 + 3^6 + 22^0 + 51^1 = 15 + 36 + 220 + 511 \\
 782 &:= 1^8 + 9^3 + 16^0 + 51^1 = 18 + 93 + 160 + 511 \\
 782 &:= 2^4 + 3^6 + 6^2 + 66^0 = 24 + 36 + 62 + 660 \\
 782 &:= 2^5 + 3^6 + 20^1 + 52^0 = 25 + 36 + 201 + 520 \\
 782 &:= 2^7 + 5^4 + 28^1 + 42^0 = 27 + 54 + 281 + 420 \\
 782 &:= 2^8 + 8^3 + 13^1 + 54^0 = 28 + 83 + 131 + 540 \\
 782 &:= 2^9 + 13^1 + 16^2 + 46^0 = 29 + 131 + 162 + 460 \\
 782 &:= 2^9 + 15^2 + 16^0 + 44^1 = 29 + 152 + 160 + 441 \\
 782 &:= 1^2 + 2^7 + 22^0 + 25^2 + 27^1 = 12 + 27 + 220 + 252 + 271 \\
 782 &:= 1^4 + 3^6 + 22^0 + 24^1 + 27^1 = 14 + 36 + 220 + 241 + 271 \\
 782 &:= 1^4 + 3^6 + 22^0 + 25^1 + 26^1 = 14 + 36 + 220 + 251 + 261 \\
 782 &:= 1^5 + 3^4 + 23^1 + 24^0 + 26^2 = 15 + 34 + 231 + 240 + 262 \\
 782 &:= 1^6 + 3^3 + 22^0 + 24^1 + 27^2 = 16 + 33 + 220 + 241 + 272 \\
 782 &:= 1^7 + 12^0 + 15^2 + 23^2 + 26^1 = 17 + 120 + 152 + 232 + 261 \\
 782 &:= 1^7 + 15^1 + 18^2 + 21^2 + 22^0 = 17 + 151 + 182 + 212 + 220 \\
 782 &:= 1^7 + 18^0 + 19^1 + 19^2 + 20^2 = 17 + 180 + 191 + 192 + 202 \\
 782 &:= 1^7 + 5^2 + 18^0 + 26^1 + 27^2 = 17 + 52 + 180 + 261 + 272 \\
 782 &:= 1^7 + 9^2 + 18^0 + 23^1 + 26^2 = 17 + 92 + 180 + 231 + 262 \\
 782 &:= 1^7 + 9^3 + 16^0 + 24^1 + 27^1 = 17 + 93 + 160 + 241 + 271
 \end{aligned}$$

$$\begin{aligned}
 782 &:= 1^7 + 9^3 + 16^0 + 25^1 + 26^1 = 17 + 93 + 160 + 251 + 261 \\
 782 &:= 2^2 + 2^7 + 24^0 + 24^1 + 25^2 = 22 + 27 + 240 + 241 + 252 \\
 782 &:= 2^5 + 3^6 + 19^1 + 26^0 + 27^0 = 25 + 36 + 191 + 260 + 270 \\
 782 &:= 2^7 + 10^2 + 18^0 + 23^2 + 24^1 = 27 + 102 + 180 + 232 + 241 \\
 782 &:= 2^7 + 12^2 + 16^0 + 22^2 + 25^1 = 27 + 122 + 160 + 222 + 251 \\
 782 &:= 2^7 + 14^2 + 16^1 + 21^2 + 24^0 = 27 + 142 + 161 + 212 + 240 \\
 782 &:= 2^7 + 3^3 + 20^0 + 25^2 + 27^0 = 27 + 33 + 200 + 252 + 270 \\
 782 &:= 2^7 + 3^3 + 21^0 + 25^2 + 26^0 = 27 + 33 + 210 + 252 + 260 \\
 782 &:= 2^7 + 3^3 + 22^0 + 25^0 + 25^2 = 27 + 33 + 220 + 250 + 252 \\
 782 &:= 2^7 + 3^3 + 23^0 + 24^0 + 25^2 = 27 + 33 + 230 + 240 + 252 \\
 782 &:= 2^7 + 5^4 + 16^0 + 27^0 + 27^1 = 27 + 54 + 160 + 270 + 271 \\
 782 &:= 2^7 + 5^4 + 17^0 + 26^0 + 27^1 = 27 + 54 + 170 + 260 + 271 \\
 782 &:= 2^7 + 5^4 + 18^0 + 25^0 + 27^1 = 27 + 54 + 180 + 250 + 271 \\
 782 &:= 2^7 + 5^4 + 19^0 + 24^0 + 27^1 = 27 + 54 + 190 + 240 + 271 \\
 782 &:= 2^7 + 5^4 + 20^0 + 23^0 + 27^1 = 27 + 54 + 200 + 230 + 271 \\
 782 &:= 2^7 + 5^4 + 21^0 + 22^0 + 27^1 = 27 + 54 + 210 + 220 + 271 \\
 782 &:= 2^8 + 12^0 + 14^1 + 22^2 + 27^1 = 28 + 120 + 141 + 222 + 271 \\
 782 &:= 2^8 + 12^0 + 15^1 + 22^2 + 26^1 = 28 + 120 + 151 + 222 + 261 \\
 782 &:= 2^8 + 12^0 + 16^1 + 22^2 + 25^1 = 28 + 120 + 161 + 222 + 251
 \end{aligned}$$

$$\begin{aligned} 782 &:= 2^8 + 12^0 + 17^1 + 22^2 + 24^1 = 28 + 120 + 171 + 222 + 241 \\ 782 &:= 2^8 + 12^0 + 18^1 + 22^2 + 23^1 = 28 + 120 + 181 + 222 + 231 \\ 782 &:= 2^8 + 12^0 + 19^1 + 22^1 + 22^2 = 28 + 120 + 191 + 221 + 222 \\ 782 &:= 2^8 + 12^0 + 20^1 + 21^1 + 22^2 = 28 + 120 + 201 + 211 + 222 \\ 782 &:= 2^9 + 12^1 + 16^2 + 20^0 + 27^0 = 29 + 121 + 162 + 200 + 270 \end{aligned}$$

$$\begin{aligned} 782 &:= 2^9 + 12^1 + 16^2 + 21^0 + 26^0 = 29 + 121 + 162 + 210 + 260 \\ 782 &:= 2^9 + 12^1 + 16^2 + 22^0 + 25^0 = 29 + 121 + 162 + 220 + 250 \\ 782 &:= 2^9 + 12^1 + 16^2 + 23^0 + 24^0 = 29 + 121 + 162 + 230 + 240 \end{aligned}$$

2.2.684 Number 783

$$\begin{aligned} 783 &:= 1^6 + 3^6 + 21^0 + 52^1 = 16 + 36 + 210 + 521 \\ 783 &:= 1^8 + 8^2 + 26^2 + 42^1 = 18 + 82 + 262 + 421 \\ 783 &:= 1^9 + 9^3 + 15^0 + 52^1 = 19 + 93 + 150 + 521 \\ 783 &:= 2^8 + 11^2 + 19^2 + 45^1 = 28 + 112 + 192 + 451 \\ 783 &:= 2^8 + 9^2 + 20^2 + 46^1 = 28 + 92 + 202 + 461 \\ 783 &:= 2^9 + 6^3 + 15^0 + 54^1 = 29 + 63 + 150 + 541 \\ 783 &:= 1^5 + 2^5 + 20^1 + 27^0 + 27^2 = 15 + 25 + 201 + 270 + 272 \\ 783 &:= 1^5 + 3^6 + 21^0 + 25^1 + 27^1 = 15 + 36 + 210 + 251 + 271 \\ 783 &:= 1^5 + 3^6 + 21^0 + 26^1 + 26^1 = 15 + 36 + 210 + 261 + 261 \\ 783 &:= 1^6 + 3^4 + 23^0 + 24^1 + 26^2 = 16 + 34 + 230 + 241 + 262 \\ 783 &:= 1^7 + 3^3 + 21^0 + 25^1 + 27^2 = 17 + 33 + 210 + 251 + 272 \\ 783 &:= 1^7 + 8^2 + 15^1 + 26^2 + 27^1 = 17 + 82 + 151 + 262 + 271 \\ 783 &:= 1^7 + 8^2 + 16^1 + 26^1 + 26^2 = 17 + 82 + 161 + 261 + 262 \\ 783 &:= 1^7 + 8^2 + 17^1 + 25^1 + 26^2 = 17 + 82 + 171 + 251 + 262 \\ 783 &:= 1^7 + 8^2 + 18^1 + 24^1 + 26^2 = 17 + 82 + 181 + 241 + 262 \\ 783 &:= 1^7 + 8^2 + 19^1 + 23^1 + 26^2 = 17 + 82 + 191 + 231 + 262 \\ 783 &:= 1^7 + 8^2 + 20^1 + 22^1 + 26^2 = 17 + 82 + 201 + 221 + 262 \\ 783 &:= 1^7 + 8^2 + 21^1 + 21^1 + 26^2 = 17 + 82 + 211 + 211 + 262 \\ 783 &:= 1^8 + 11^0 + 15^2 + 23^2 + 27^1 = 18 + 110 + 152 + 232 + 271 \\ 783 &:= 1^8 + 12^1 + 12^2 + 25^2 + 27^0 = 18 + 121 + 122 + 252 + 270 \\ 783 &:= 1^8 + 16^1 + 18^2 + 21^0 + 21^2 = 18 + 161 + 182 + 210 + 212 \\ 783 &:= 1^8 + 17^0 + 19^2 + 20^1 + 20^2 = 18 + 170 + 192 + 201 + 202 \\ 783 &:= 1^8 + 5^2 + 17^0 + 27^1 + 27^2 = 18 + 52 + 170 + 271 + 272 \end{aligned}$$

$$\begin{aligned} 783 &:= 1^8 + 6^2 + 16^1 + 27^0 + 27^2 = 18 + 62 + 161 + 270 + 272 \\ 783 &:= 1^8 + 9^2 + 17^0 + 24^1 + 26^2 = 18 + 92 + 170 + 241 + 262 \\ 783 &:= 1^8 + 9^3 + 15^0 + 25^1 + 27^1 = 18 + 93 + 150 + 251 + 271 \\ 783 &:= 1^8 + 9^3 + 15^0 + 26^1 + 26^1 = 18 + 93 + 150 + 261 + 261 \\ 783 &:= 2^3 + 2^7 + 21^1 + 25^2 + 27^0 = 23 + 27 + 211 + 252 + 270 \\ 783 &:= 2^4 + 2^6 + 21^0 + 26^1 + 26^2 = 24 + 26 + 210 + 261 + 262 \\ 783 &:= 2^5 + 3^5 + 22^2 + 23^1 + 27^0 = 25 + 35 + 222 + 231 + 270 \\ 783 &:= 2^8 + 10^2 + 19^0 + 20^2 + 26^1 = 28 + 102 + 190 + 202 + 261 \\ 783 &:= 2^8 + 12^2 + 19^2 + 21^1 + 23^0 = 28 + 122 + 192 + 211 + 230 \\ 783 &:= 2^8 + 4^2 + 22^2 + 23^0 + 26^1 = 28 + 42 + 222 + 230 + 261 \\ 783 &:= 2^8 + 5^3 + 20^2 + 23^0 + 27^0 = 28 + 53 + 202 + 230 + 270 \\ 783 &:= 2^8 + 5^3 + 20^2 + 24^0 + 26^0 = 28 + 53 + 202 + 240 + 260 \\ 783 &:= 2^8 + 5^3 + 20^2 + 25^0 + 25^0 = 28 + 53 + 202 + 250 + 250 \\ 783 &:= 2^8 + 8^2 + 21^1 + 21^2 + 25^0 = 28 + 82 + 211 + 212 + 250 \\ 783 &:= 2^9 + 10^2 + 13^2 + 25^0 + 27^0 = 29 + 102 + 132 + 250 + 270 \\ 783 &:= 2^9 + 10^2 + 13^2 + 26^0 + 26^0 = 29 + 102 + 132 + 260 + 260 \\ 783 &:= 2^9 + 15^0 + 15^2 + 18^1 + 27^1 = 29 + 150 + 152 + 181 + 271 \\ 783 &:= 2^9 + 15^0 + 15^2 + 19^1 + 26^1 = 29 + 150 + 152 + 191 + 261 \\ 783 &:= 2^9 + 15^0 + 15^2 + 20^1 + 25^1 = 29 + 150 + 152 + 201 + 251 \\ 783 &:= 2^9 + 15^0 + 15^2 + 21^1 + 24^1 = 29 + 150 + 152 + 211 + 241 \\ 783 &:= 2^9 + 15^0 + 15^2 + 22^1 + 23^1 = 29 + 150 + 152 + 221 + 231 \end{aligned}$$

2.2.685 Number 784

$$\begin{aligned} 784 &:= 9^3 + 15^0 + 54^1 = 93 + 150 + 541 \\ 784 &:= 1^0 + 9^3 + 15^0 + 53^1 = 10 + 93 + 150 + 531 \\ 784 &:= 1^7 + 3^6 + 20^0 + 53^1 = 17 + 36 + 200 + 531 \\ 784 &:= 2^0 + 9^3 + 14^0 + 53^1 = 20 + 93 + 140 + 531 \\ 784 &:= 2^9 + 4^4 + 15^1 + 56^0 = 29 + 44 + 151 + 560 \end{aligned}$$

$$\begin{aligned} 784 &:= 3^0 + 9^3 + 13^0 + 53^1 = 30 + 93 + 130 + 531 \\ 784 &:= 4^0 + 9^3 + 12^0 + 53^1 = 40 + 93 + 120 + 531 \\ 784 &:= 5^0 + 9^3 + 11^0 + 53^1 = 50 + 93 + 110 + 531 \\ 784 &:= 6^0 + 9^3 + 10^0 + 53^1 = 60 + 93 + 100 + 531 \\ 784 &:= 7^0 + 9^0 + 9^3 + 53^1 = 70 + 90 + 93 + 531 \end{aligned}$$

$$\begin{aligned}
 784 &:= 8^0 + 8^0 + 9^3 + 53^1 &= 80 + 80 + 93 + 531 \\
 784 &:= 9^3 + 15^0 + 54^1 &= 93 + 150 + 541 \\
 784 &:= 1^6 + 2^5 + 21^1 + 26^0 + 27^2 &= 16 + 25 + 211 + 260 + 272 \\
 784 &:= 1^6 + 3^6 + 20^0 + 26^1 + 27^1 &= 16 + 36 + 200 + 261 + 271 \\
 784 &:= 1^7 + 3^4 + 22^0 + 25^1 + 26^2 &= 17 + 34 + 220 + 251 + 262 \\
 784 &:= 1^8 + 3^3 + 20^0 + 26^1 + 27^2 &= 18 + 33 + 200 + 261 + 272 \\
 784 &:= 1^9 + 12^2 + 13^1 + 25^2 + 26^0 &= 19 + 122 + 131 + 252 + 260
 \end{aligned}$$

$$\begin{aligned}
 784 &:= 1^9 + 16^0 + 19^2 + 20^2 + 21^1 &= 19 + 160 + 192 + 202 + 211 \\
 784 &:= 1^9 + 17^1 + 18^2 + 20^0 + 21^2 &= 19 + 171 + 182 + 200 + 212 \\
 784 &:= 1^9 + 6^2 + 17^1 + 26^0 + 27^2 &= 19 + 62 + 171 + 260 + 272 \\
 784 &:= 1^9 + 9^2 + 16^0 + 25^1 + 26^2 &= 19 + 92 + 160 + 251 + 262 \\
 784 &:= 1^9 + 9^3 + 14^0 + 26^1 + 27^1 &= 19 + 93 + 140 + 261 + 271 \\
 784 &:= 2^9 + 10^2 + 12^2 + 26^0 + 27^1 &= 29 + 102 + 122 + 260 + 271
 \end{aligned}$$

2.2.686 Number 785

$$\begin{aligned}
 785 &:= 7^3 + 21^2 + 50^0 &= 73 + 212 + 500 \\
 785 &:= 1^1 + 9^3 + 14^0 + 54^1 &= 11 + 93 + 140 + 541 \\
 785 &:= 1^8 + 3^6 + 19^0 + 54^1 &= 18 + 36 + 190 + 541 \\
 785 &:= 1^9 + 2^3 + 27^2 + 47^1 &= 19 + 23 + 272 + 471 \\
 785 &:= 10^0 + 15^2 + 23^2 + 30^1 &= 100 + 152 + 232 + 301 \\
 785 &:= 11^1 + 17^2 + 22^2 + 28^0 &= 111 + 172 + 222 + 280 \\
 785 &:= 12^1 + 14^2 + 24^2 + 28^0 &= 121 + 142 + 242 + 280 \\
 785 &:= 12^2 + 15^1 + 25^2 + 26^0 &= 122 + 151 + 252 + 260 \\
 785 &:= 16^0 + 19^2 + 20^2 + 23^1 &= 160 + 192 + 202 + 231 \\
 785 &:= 18^2 + 19^1 + 20^0 + 21^2 &= 182 + 191 + 200 + 212 \\
 785 &:= 2^0 + 13^2 + 24^2 + 39^1 &= 20 + 132 + 242 + 391 \\
 785 &:= 2^0 + 3^2 + 27^2 + 46^1 &= 20 + 32 + 272 + 461 \\
 785 &:= 2^1 + 9^3 + 14^0 + 53^1 &= 21 + 93 + 140 + 531 \\
 785 &:= 2^4 + 2^8 + 8^3 + 65^0 &= 24 + 28 + 83 + 650 \\
 785 &:= 2^4 + 2^9 + 16^2 + 57^0 &= 24 + 29 + 162 + 570 \\
 785 &:= 2^5 + 2^7 + 24^2 + 49^1 &= 25 + 27 + 242 + 491 \\
 785 &:= 2^7 + 3^4 + 8^3 + 64^1 &= 27 + 34 + 83 + 641 \\
 785 &:= 2^7 + 3^5 + 19^2 + 53^1 &= 27 + 35 + 192 + 531 \\
 785 &:= 2^9 + 3^5 + 29^1 + 43^0 &= 29 + 35 + 291 + 430 \\
 785 &:= 2^9 + 4^2 + 4^4 + 67^0 &= 29 + 42 + 44 + 670 \\
 785 &:= 3^1 + 9^3 + 14^0 + 52^1 &= 31 + 93 + 140 + 521 \\
 785 &:= 4^0 + 11^2 + 25^2 + 38^1 &= 40 + 112 + 252 + 381 \\
 785 &:= 4^1 + 9^3 + 14^0 + 51^1 &= 41 + 93 + 140 + 511 \\
 785 &:= 4^2 + 8^0 + 27^2 + 39^1 &= 42 + 80 + 272 + 391 \\
 785 &:= 5^1 + 9^3 + 14^0 + 50^1 &= 51 + 93 + 140 + 501 \\
 785 &:= 5^2 + 16^0 + 27^2 + 30^1 &= 52 + 160 + 272 + 301 \\
 785 &:= 6^1 + 7^2 + 27^2 + 38^0 &= 61 + 72 + 272 + 380 \\
 785 &:= 6^1 + 9^3 + 14^0 + 49^1 &= 61 + 93 + 140 + 491
 \end{aligned}$$

$$\begin{aligned}
 785 &:= 6^2 + 19^1 + 26^0 + 27^2 &= 62 + 191 + 260 + 272 \\
 785 &:= 7^1 + 9^3 + 14^0 + 48^1 &= 71 + 93 + 140 + 481 \\
 785 &:= 7^3 + 21^2 + 50^0 &= 73 + 212 + 500 \\
 785 &:= 8^1 + 10^2 + 26^2 + 34^0 &= 81 + 102 + 262 + 340 \\
 785 &:= 8^1 + 9^3 + 14^0 + 47^1 &= 81 + 93 + 140 + 471 \\
 785 &:= 9^1 + 9^3 + 14^0 + 46^1 &= 91 + 93 + 140 + 461 \\
 785 &:= 9^2 + 16^0 + 26^2 + 27^1 &= 92 + 160 + 262 + 271 \\
 785 &:= 9^3 + 10^1 + 14^0 + 45^1 &= 93 + 101 + 140 + 451 \\
 785 &:= 9^3 + 11^1 + 14^0 + 44^1 &= 93 + 111 + 140 + 441 \\
 785 &:= 9^3 + 12^1 + 14^0 + 43^1 &= 93 + 121 + 140 + 431 \\
 785 &:= 9^3 + 13^1 + 14^0 + 42^1 &= 93 + 131 + 140 + 421 \\
 785 &:= 9^3 + 14^0 + 14^1 + 41^1 &= 93 + 140 + 141 + 411 \\
 785 &:= 9^3 + 14^0 + 15^1 + 40^1 &= 93 + 140 + 151 + 401 \\
 785 &:= 9^3 + 14^0 + 16^1 + 39^1 &= 93 + 140 + 161 + 391 \\
 785 &:= 9^3 + 14^0 + 17^1 + 38^1 &= 93 + 140 + 171 + 381 \\
 785 &:= 9^3 + 14^0 + 18^1 + 37^1 &= 93 + 140 + 181 + 371 \\
 785 &:= 9^3 + 14^0 + 19^1 + 36^1 &= 93 + 140 + 191 + 361 \\
 785 &:= 9^3 + 14^0 + 20^1 + 35^1 &= 93 + 140 + 201 + 351 \\
 785 &:= 9^3 + 14^0 + 21^1 + 34^1 &= 93 + 140 + 211 + 341 \\
 785 &:= 9^3 + 14^0 + 22^1 + 33^1 &= 93 + 140 + 221 + 331 \\
 785 &:= 9^3 + 14^0 + 23^1 + 32^1 &= 93 + 140 + 231 + 321 \\
 785 &:= 9^3 + 14^0 + 24^1 + 31^1 &= 93 + 140 + 241 + 311 \\
 785 &:= 9^3 + 14^0 + 25^1 + 30^1 &= 93 + 140 + 251 + 301 \\
 785 &:= 9^3 + 14^0 + 26^1 + 29^1 &= 93 + 140 + 261 + 291 \\
 785 &:= 9^3 + 14^0 + 27^1 + 28^1 &= 93 + 140 + 271 + 281 \\
 785 &:= 1^0 + 12^2 + 14^1 + 25^2 + 26^0 &= 10 + 122 + 141 + 252 + 260 \\
 785 &:= 1^0 + 16^0 + 19^2 + 20^2 + 22^1 &= 10 + 160 + 192 + 202 + 221 \\
 785 &:= 1^0 + 18^1 + 18^2 + 20^0 + 21^2 &= 10 + 181 + 182 + 200 + 212
 \end{aligned}$$

$$\begin{aligned} 785 &:= 1^0 + 6^2 + 18^1 + 26^0 + 27^2 = 10 + 62 + 181 + 260 + 272 & 785 &:= 12^2 + 13^0 + 14^0 + 14^1 + 25^2 = 122 + 130 + 140 + 141 + 252 \\ 785 &:= 1^0 + 9^2 + 16^0 + 26^1 + 26^2 = 10 + 92 + 160 + 261 + 262 & 785 &:= 2^0 + 10^1 + 17^2 + 22^2 + 27^0 = 20 + 101 + 172 + 222 + 270 \\ 785 &:= 1^0 + 9^3 + 14^0 + 27^1 + 27^1 = 10 + 93 + 140 + 271 + 271 & 785 &:= 2^0 + 11^1 + 14^2 + 24^2 + 27^0 = 20 + 111 + 142 + 242 + 270 \\ 785 &:= 1^7 + 2^5 + 22^1 + 25^0 + 27^2 = 17 + 25 + 221 + 250 + 272 & 785 &:= 2^0 + 12^2 + 14^1 + 25^0 + 25^2 = 20 + 122 + 141 + 250 + 252 \\ 785 &:= 1^7 + 3^6 + 19^0 + 27^1 + 27^1 = 17 + 36 + 190 + 271 + 271 & 785 &:= 2^0 + 15^0 + 19^2 + 20^2 + 22^1 = 20 + 150 + 192 + 202 + 221 \\ 785 &:= 1^8 + 2^3 + 20^1 + 27^1 + 27^2 = 18 + 23 + 201 + 271 + 272 & 785 &:= 2^0 + 18^1 + 18^2 + 19^0 + 21^2 = 20 + 181 + 182 + 190 + 212 \\ 785 &:= 1^8 + 2^3 + 21^1 + 26^1 + 27^2 = 18 + 23 + 211 + 261 + 272 & 785 &:= 2^0 + 6^2 + 18^1 + 25^0 + 27^2 = 20 + 62 + 181 + 250 + 272 \\ 785 &:= 1^8 + 2^3 + 22^1 + 25^1 + 27^2 = 18 + 23 + 221 + 251 + 272 & 785 &:= 2^0 + 9^2 + 15^0 + 26^1 + 26^2 = 20 + 92 + 150 + 261 + 262 \\ 785 &:= 1^8 + 2^3 + 23^1 + 24^1 + 27^2 = 18 + 23 + 231 + 241 + 272 & 785 &:= 2^0 + 9^3 + 13^0 + 27^1 + 27^1 = 20 + 93 + 130 + 271 + 271 \\ 785 &:= 1^8 + 3^4 + 21^0 + 26^1 + 26^2 = 18 + 34 + 210 + 261 + 262 & 785 &:= 3^0 + 10^1 + 17^2 + 22^2 + 26^0 = 30 + 101 + 172 + 222 + 260 \\ 785 &:= 1^9 + 12^1 + 13^2 + 24^2 + 27^1 = 19 + 121 + 132 + 242 + 271 & 785 &:= 3^0 + 11^1 + 14^2 + 24^2 + 26^0 = 30 + 111 + 142 + 242 + 260 \\ 785 &:= 1^9 + 13^1 + 13^2 + 24^2 + 26^1 = 19 + 131 + 132 + 242 + 261 & 785 &:= 3^0 + 12^2 + 14^1 + 24^0 + 25^2 = 30 + 122 + 141 + 240 + 252 \\ 785 &:= 1^9 + 13^2 + 14^1 + 24^2 + 25^1 = 19 + 132 + 141 + 242 + 251 & 785 &:= 3^0 + 14^0 + 19^2 + 20^2 + 22^1 = 30 + 140 + 192 + 202 + 221 \\ 785 &:= 1^9 + 13^2 + 15^1 + 24^1 + 24^2 = 19 + 132 + 151 + 241 + 242 & 785 &:= 3^0 + 18^0 + 18^1 + 18^2 + 21^2 = 30 + 180 + 181 + 182 + 212 \\ 785 &:= 1^9 + 13^2 + 16^1 + 23^1 + 24^2 = 19 + 132 + 161 + 231 + 242 & 785 &:= 3^0 + 6^2 + 18^1 + 24^0 + 27^2 = 30 + 62 + 181 + 240 + 272 \\ 785 &:= 1^9 + 13^2 + 17^1 + 22^1 + 24^2 = 19 + 132 + 171 + 221 + 242 & 785 &:= 3^0 + 9^2 + 14^0 + 26^1 + 26^2 = 30 + 92 + 140 + 261 + 262 \\ 785 &:= 1^9 + 13^2 + 18^1 + 21^1 + 24^2 = 19 + 132 + 181 + 211 + 242 & 785 &:= 3^0 + 9^3 + 12^0 + 27^1 + 27^1 = 30 + 93 + 120 + 271 + 271 \\ 785 &:= 1^9 + 13^2 + 19^1 + 20^1 + 24^2 = 19 + 132 + 191 + 201 + 242 & 785 &:= 4^0 + 10^1 + 17^2 + 22^2 + 25^0 = 40 + 101 + 172 + 222 + 250 \\ 785 &:= 1^9 + 3^2 + 19^1 + 27^1 + 27^2 = 19 + 32 + 191 + 271 + 272 & 785 &:= 4^0 + 11^1 + 14^2 + 24^2 + 25^0 = 40 + 111 + 142 + 242 + 250 \\ 785 &:= 1^9 + 3^2 + 20^1 + 26^1 + 27^2 = 19 + 32 + 201 + 261 + 272 & 785 &:= 4^0 + 12^2 + 14^1 + 23^0 + 25^2 = 40 + 122 + 141 + 230 + 252 \\ 785 &:= 1^9 + 3^2 + 21^1 + 25^1 + 27^2 = 19 + 32 + 211 + 251 + 272 & 785 &:= 4^0 + 13^0 + 19^2 + 20^2 + 22^1 = 40 + 130 + 192 + 202 + 221 \\ 785 &:= 1^9 + 3^2 + 22^1 + 24^1 + 27^2 = 19 + 32 + 221 + 241 + 272 & 785 &:= 4^0 + 17^0 + 18^1 + 18^2 + 21^2 = 40 + 170 + 181 + 182 + 212 \\ 785 &:= 1^9 + 3^2 + 23^1 + 23^1 + 27^2 = 19 + 32 + 231 + 231 + 272 & 785 &:= 4^0 + 6^2 + 18^1 + 23^0 + 27^2 = 40 + 62 + 181 + 230 + 272 \\ 785 &:= 1^9 + 3^3 + 19^0 + 27^1 + 27^2 = 19 + 33 + 190 + 271 + 272 & 785 &:= 4^0 + 9^2 + 13^0 + 26^1 + 26^2 = 40 + 92 + 130 + 261 + 262 \\ 785 &:= 10^0 + 10^1 + 17^2 + 19^0 + 22^2 = 100 + 101 + 172 + 190 + 222 & 785 &:= 4^0 + 9^3 + 11^0 + 27^1 + 27^1 = 40 + 93 + 110 + 271 + 271 \\ 785 &:= 10^0 + 11^0 + 18^1 + 18^2 + 21^2 = 100 + 110 + 181 + 182 + 212 & 785 &:= 5^0 + 10^1 + 17^2 + 22^2 + 24^0 = 50 + 101 + 172 + 222 + 240 \\ 785 &:= 10^0 + 11^1 + 14^2 + 19^0 + 24^2 = 100 + 111 + 142 + 190 + 242 & 785 &:= 5^0 + 11^1 + 14^2 + 24^0 + 24^2 = 50 + 111 + 142 + 240 + 242 \\ 785 &:= 10^0 + 12^2 + 14^1 + 17^0 + 25^2 = 100 + 122 + 141 + 170 + 252 & 785 &:= 5^0 + 12^0 + 19^2 + 20^2 + 22^1 = 50 + 120 + 192 + 202 + 221 \\ 785 &:= 10^1 + 11^0 + 17^2 + 18^0 + 22^2 = 101 + 110 + 172 + 180 + 222 & 785 &:= 5^0 + 12^2 + 14^1 + 22^0 + 25^2 = 50 + 122 + 141 + 220 + 252 \\ 785 &:= 10^1 + 12^0 + 17^0 + 17^2 + 22^2 = 101 + 120 + 170 + 172 + 222 & 785 &:= 5^0 + 16^0 + 18^1 + 18^2 + 21^2 = 50 + 160 + 181 + 182 + 212 \\ 785 &:= 10^1 + 13^0 + 16^0 + 17^2 + 22^2 = 101 + 130 + 160 + 172 + 222 & 785 &:= 5^0 + 6^2 + 18^1 + 22^0 + 27^2 = 50 + 62 + 181 + 220 + 272 \\ 785 &:= 10^1 + 14^0 + 15^0 + 17^2 + 22^2 = 101 + 140 + 150 + 172 + 222 & 785 &:= 5^0 + 9^2 + 12^0 + 26^1 + 26^2 = 50 + 92 + 120 + 261 + 262 \\ 785 &:= 11^0 + 11^1 + 14^2 + 18^0 + 24^2 = 110 + 111 + 142 + 180 + 242 & 785 &:= 5^0 + 9^3 + 10^0 + 27^1 + 27^1 = 50 + 93 + 100 + 271 + 271 \\ 785 &:= 11^0 + 12^2 + 14^1 + 16^0 + 25^2 = 110 + 122 + 141 + 160 + 252 & 785 &:= 5^1 + 7^2 + 12^0 + 27^0 + 27^2 = 51 + 72 + 120 + 270 + 272 \\ 785 &:= 11^1 + 12^0 + 14^2 + 17^0 + 24^2 = 111 + 120 + 142 + 170 + 242 & 785 &:= 5^1 + 7^2 + 13^0 + 26^0 + 27^2 = 51 + 72 + 130 + 260 + 272 \\ 785 &:= 11^1 + 13^0 + 14^2 + 16^0 + 24^2 = 111 + 130 + 142 + 160 + 242 & 785 &:= 5^1 + 7^2 + 14^0 + 25^0 + 27^2 = 51 + 72 + 140 + 250 + 272 \\ 785 &:= 11^1 + 14^0 + 14^2 + 15^0 + 24^2 = 111 + 140 + 142 + 150 + 242 & 785 &:= 5^1 + 7^2 + 15^0 + 24^0 + 27^2 = 51 + 72 + 150 + 240 + 272 \\ 785 &:= 12^0 + 12^2 + 14^1 + 15^0 + 25^2 = 120 + 122 + 141 + 150 + 252 & 785 &:= 5^1 + 7^2 + 16^0 + 23^0 + 27^2 = 51 + 72 + 160 + 230 + 272 \end{aligned}$$

$785 := 5^1 + 7^2 + 17^0 + 22^0 + 27^2 = 51 + 72 + 170 + 220 + 272$	$785 := 7^0 + 8^0 + 9^3 + 27^1 + 27^1 = 70 + 80 + 93 + 271 + 271$
$785 := 5^1 + 7^2 + 18^0 + 21^0 + 27^2 = 51 + 72 + 180 + 210 + 272$	$785 := 7^0 + 9^2 + 10^0 + 26^1 + 26^2 = 70 + 92 + 100 + 261 + 262$
$785 := 5^1 + 7^2 + 19^0 + 20^0 + 27^2 = 51 + 72 + 190 + 200 + 272$	$785 := 7^1 + 10^0 + 10^2 + 25^0 + 26^2 = 71 + 100 + 102 + 250 + 262$
$785 := 6^0 + 10^1 + 17^2 + 22^2 + 23^0 = 60 + 101 + 172 + 222 + 230$	$785 := 7^1 + 10^2 + 11^0 + 24^0 + 26^2 = 71 + 102 + 110 + 240 + 262$
$785 := 6^0 + 11^0 + 19^2 + 20^2 + 22^1 = 60 + 110 + 192 + 202 + 221$	$785 := 7^1 + 10^2 + 12^0 + 23^0 + 26^2 = 71 + 102 + 120 + 230 + 262$
$785 := 6^0 + 11^1 + 14^2 + 23^0 + 24^2 = 60 + 111 + 142 + 230 + 242$	$785 := 7^1 + 10^2 + 13^0 + 22^0 + 26^2 = 71 + 102 + 130 + 220 + 262$
$785 := 6^0 + 12^2 + 14^1 + 21^0 + 25^2 = 60 + 122 + 141 + 210 + 252$	$785 := 7^1 + 10^2 + 14^0 + 21^0 + 26^2 = 71 + 102 + 140 + 210 + 262$
$785 := 6^0 + 15^0 + 18^1 + 18^2 + 21^2 = 60 + 150 + 181 + 182 + 212$	$785 := 7^1 + 10^2 + 15^0 + 20^0 + 26^2 = 71 + 102 + 150 + 200 + 262$
$785 := 6^0 + 6^2 + 18^1 + 21^0 + 27^2 = 60 + 62 + 181 + 210 + 272$	$785 := 7^1 + 10^2 + 16^0 + 19^0 + 26^2 = 71 + 102 + 160 + 190 + 262$
$785 := 6^0 + 9^0 + 9^3 + 27^1 + 27^1 = 60 + 90 + 93 + 271 + 271$	$785 := 7^1 + 10^2 + 17^0 + 18^0 + 26^2 = 71 + 102 + 170 + 180 + 262$
$785 := 6^0 + 9^2 + 11^0 + 26^1 + 26^2 = 60 + 92 + 110 + 261 + 262$	$785 := 7^1 + 8^0 + 10^2 + 26^2 + 27^0 = 71 + 80 + 102 + 262 + 270$
$785 := 6^2 + 10^0 + 17^0 + 18^1 + 27^2 = 62 + 100 + 170 + 181 + 272$	$785 := 7^1 + 9^0 + 10^2 + 26^0 + 26^2 = 71 + 90 + 102 + 260 + 262$
$785 := 6^2 + 11^0 + 16^0 + 18^1 + 27^2 = 62 + 110 + 160 + 181 + 272$	$785 := 8^0 + 10^1 + 17^2 + 21^0 + 22^2 = 80 + 101 + 172 + 210 + 222$
$785 := 6^2 + 12^0 + 15^0 + 18^1 + 27^2 = 62 + 120 + 150 + 181 + 272$	$785 := 8^0 + 11^1 + 14^2 + 21^0 + 24^2 = 80 + 111 + 142 + 210 + 242$
$785 := 6^2 + 13^0 + 14^0 + 18^1 + 27^2 = 62 + 130 + 140 + 181 + 272$	$785 := 8^0 + 12^2 + 14^1 + 19^0 + 25^2 = 80 + 122 + 141 + 190 + 252$
$785 := 6^2 + 7^0 + 18^1 + 20^0 + 27^2 = 62 + 70 + 181 + 200 + 272$	$785 := 8^0 + 13^0 + 18^1 + 18^2 + 21^2 = 80 + 130 + 181 + 182 + 212$
$785 := 6^2 + 8^0 + 18^1 + 19^0 + 27^2 = 62 + 80 + 181 + 190 + 272$	$785 := 8^0 + 9^0 + 19^2 + 20^2 + 22^1 = 80 + 90 + 192 + 202 + 221$
$785 := 6^2 + 9^0 + 18^0 + 18^1 + 27^2 = 62 + 90 + 180 + 181 + 272$	$785 := 8^0 + 9^0 + 9^2 + 26^1 + 26^2 = 80 + 90 + 92 + 261 + 262$
$785 := 7^0 + 10^0 + 19^2 + 20^2 + 22^1 = 70 + 100 + 192 + 202 + 221$	$785 := 9^0 + 10^1 + 17^2 + 20^0 + 22^2 = 90 + 101 + 172 + 200 + 222$
$785 := 7^0 + 10^1 + 17^2 + 22^0 + 22^2 = 70 + 101 + 172 + 220 + 222$	$785 := 9^0 + 11^1 + 14^2 + 20^0 + 24^2 = 90 + 111 + 142 + 200 + 242$
$785 := 7^0 + 11^1 + 14^2 + 22^0 + 24^2 = 70 + 111 + 142 + 220 + 242$	$785 := 9^0 + 12^0 + 18^1 + 18^2 + 21^2 = 90 + 120 + 181 + 182 + 212$
$785 := 7^0 + 12^2 + 14^1 + 20^0 + 25^2 = 70 + 122 + 141 + 200 + 252$	$785 := 9^0 + 12^2 + 14^1 + 18^0 + 25^2 = 90 + 122 + 141 + 180 + 252$
$785 := 7^0 + 14^0 + 18^1 + 18^2 + 21^2 = 70 + 140 + 181 + 182 + 212$	

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$786 := 1^4 + 28^2 + 49^0 = 14 + 282 + 490$	$786 := 12^1 + 13^2 + 24^2 + 29^1 = 121 + 132 + 242 + 291$
$786 := 2^3 + 27^2 + 49^1 = 23 + 272 + 491$	$786 := 13^1 + 13^2 + 24^2 + 28^1 = 131 + 132 + 242 + 281$
$786 := 4^4 + 23^2 + 51^0 = 44 + 232 + 510$	$786 := 13^2 + 14^1 + 24^2 + 27^1 = 132 + 141 + 242 + 271$
$786 := 1^0 + 2^3 + 27^2 + 48^1 = 10 + 23 + 272 + 481$	$786 := 13^2 + 15^1 + 24^2 + 26^1 = 132 + 151 + 242 + 261$
$786 := 1^1 + 13^2 + 24^2 + 40^1 = 11 + 132 + 242 + 401$	$786 := 13^2 + 16^1 + 24^2 + 25^1 = 132 + 161 + 242 + 251$
$786 := 1^1 + 3^2 + 27^2 + 47^1 = 11 + 32 + 272 + 471$	$786 := 13^2 + 17^1 + 24^1 + 24^2 = 132 + 171 + 241 + 242$
$786 := 1^1 + 7^3 + 21^2 + 49^0 = 11 + 73 + 212 + 490$	$786 := 13^2 + 18^1 + 23^1 + 24^2 = 132 + 181 + 231 + 242$
$786 := 1^2 + 9^3 + 13^0 + 55^1 = 12 + 93 + 130 + 551$	$786 := 13^2 + 19^1 + 22^1 + 24^2 = 132 + 191 + 221 + 242$
$786 := 1^9 + 3^6 + 18^0 + 55^1 = 19 + 36 + 180 + 551$	$786 := 13^2 + 20^1 + 21^1 + 24^2 = 132 + 201 + 211 + 242$
$786 := 10^1 + 13^2 + 24^2 + 31^1 = 101 + 132 + 242 + 311$	$786 := 2^1 + 13^2 + 24^2 + 39^1 = 21 + 132 + 242 + 391$
$786 := 10^2 + 18^2 + 19^2 + 31^0 = 102 + 182 + 192 + 310$	$786 := 2^1 + 3^2 + 27^2 + 46^1 = 21 + 32 + 272 + 461$
$786 := 11^1 + 13^2 + 24^2 + 30^1 = 111 + 132 + 242 + 301$	$786 := 2^2 + 9^3 + 15^0 + 52^1 = 22 + 93 + 150 + 521$

$786 := 2^5 + 2^7 + 5^4 + 68^0$	$= 25 + 27 + 54 + 680$	$786 := 6^3 + 9^0 + 23^2 + 40^1$	$= 63 + 90 + 232 + 401$
$786 := 2^7 + 2^7 + 23^2 + 50^0$	$= 27 + 27 + 232 + 500$	$786 := 7^0 + 8^3 + 15^2 + 48^1$	$= 70 + 83 + 152 + 481$
$786 := 3^0 + 4^3 + 26^2 + 45^1$	$= 30 + 43 + 262 + 451$	$786 := 7^1 + 13^2 + 24^2 + 34^1$	$= 71 + 132 + 242 + 341$
$786 := 3^1 + 13^2 + 24^2 + 38^1$	$= 31 + 132 + 242 + 381$	$786 := 7^1 + 7^2 + 9^3 + 55^0$	$= 71 + 72 + 93 + 550$
$786 := 3^1 + 3^2 + 27^2 + 45^1$	$= 31 + 32 + 272 + 451$	$786 := 7^3 + 9^0 + 20^2 + 42^1$	$= 73 + 90 + 202 + 421$
$786 := 3^2 + 10^1 + 27^2 + 38^1$	$= 32 + 101 + 272 + 381$	$786 := 8^1 + 13^2 + 24^2 + 33^1$	$= 81 + 132 + 242 + 331$
$786 := 3^2 + 10^2 + 26^2 + 39^0$	$= 32 + 102 + 262 + 390$	$786 := 8^3 + 16^2 + 17^1 + 37^0$	$= 83 + 162 + 171 + 370$
$786 := 3^2 + 11^1 + 27^2 + 37^1$	$= 32 + 111 + 272 + 371$	$786 := 9^1 + 13^2 + 24^2 + 32^1$	$= 91 + 132 + 242 + 321$
$786 := 3^2 + 12^1 + 27^2 + 36^1$	$= 32 + 121 + 272 + 361$	$786 := 1^0 + 13^1 + 13^2 + 24^2 + 27^1$	$= 10 + 131 + 132 + 242 + 271$
$786 := 3^2 + 13^1 + 27^2 + 35^1$	$= 32 + 131 + 272 + 351$	$786 := 1^0 + 13^2 + 14^1 + 24^2 + 26^1$	$= 10 + 132 + 141 + 242 + 261$
$786 := 3^2 + 14^1 + 27^2 + 34^1$	$= 32 + 141 + 272 + 341$	$786 := 1^0 + 13^2 + 15^1 + 24^2 + 25^1$	$= 10 + 132 + 151 + 242 + 251$
$786 := 3^2 + 15^1 + 27^2 + 33^1$	$= 32 + 151 + 272 + 331$	$786 := 1^0 + 13^2 + 16^1 + 24^1 + 24^2$	$= 10 + 132 + 161 + 241 + 242$
$786 := 3^2 + 16^1 + 27^2 + 32^1$	$= 32 + 161 + 272 + 321$	$786 := 1^0 + 13^2 + 17^1 + 23^1 + 24^2$	$= 10 + 132 + 171 + 231 + 242$
$786 := 3^2 + 17^1 + 27^2 + 31^1$	$= 32 + 171 + 272 + 311$	$786 := 1^0 + 13^2 + 18^1 + 22^1 + 24^2$	$= 10 + 132 + 181 + 221 + 242$
$786 := 3^2 + 18^1 + 27^2 + 30^1$	$= 32 + 181 + 272 + 301$	$786 := 1^0 + 13^2 + 19^1 + 21^1 + 24^2$	$= 10 + 132 + 191 + 211 + 242$
$786 := 3^2 + 19^1 + 27^2 + 29^1$	$= 32 + 191 + 272 + 291$	$786 := 1^0 + 13^2 + 20^1 + 20^1 + 24^2$	$= 10 + 132 + 201 + 201 + 242$
$786 := 3^2 + 20^1 + 27^2 + 28^1$	$= 32 + 201 + 272 + 281$	$786 := 1^0 + 3^2 + 20^1 + 27^1 + 27^2$	$= 10 + 32 + 201 + 271 + 272$
$786 := 3^2 + 21^1 + 27^1 + 27^2$	$= 32 + 211 + 271 + 272$	$786 := 1^0 + 3^2 + 21^1 + 26^1 + 27^2$	$= 10 + 32 + 211 + 261 + 272$
$786 := 3^2 + 22^1 + 26^1 + 27^2$	$= 32 + 221 + 261 + 272$	$786 := 1^0 + 3^2 + 22^1 + 25^1 + 27^2$	$= 10 + 32 + 221 + 251 + 272$
$786 := 3^2 + 23^1 + 25^1 + 27^2$	$= 32 + 231 + 251 + 272$	$786 := 1^0 + 3^2 + 23^1 + 24^1 + 27^2$	$= 10 + 32 + 231 + 241 + 272$
$786 := 3^2 + 24^1 + 24^1 + 27^2$	$= 32 + 241 + 241 + 272$	$786 := 1^1 + 11^1 + 17^2 + 22^2 + 27^0$	$= 11 + 111 + 172 + 222 + 270$
$786 := 3^2 + 4^1 + 27^2 + 44^1$	$= 32 + 41 + 272 + 441$	$786 := 1^1 + 12^1 + 14^2 + 24^2 + 27^0$	$= 11 + 121 + 142 + 242 + 270$
$786 := 3^2 + 5^1 + 27^2 + 43^1$	$= 32 + 51 + 272 + 431$	$786 := 1^1 + 12^2 + 15^1 + 25^0 + 25^2$	$= 11 + 122 + 151 + 250 + 252$
$786 := 3^2 + 6^1 + 27^2 + 42^1$	$= 32 + 61 + 272 + 421$	$786 := 1^1 + 15^0 + 19^2 + 20^2 + 23^1$	$= 11 + 150 + 192 + 202 + 231$
$786 := 3^2 + 7^1 + 27^2 + 41^1$	$= 32 + 71 + 272 + 411$	$786 := 1^1 + 18^2 + 19^0 + 19^1 + 21^2$	$= 11 + 182 + 190 + 191 + 212$
$786 := 3^2 + 8^1 + 27^2 + 40^1$	$= 32 + 81 + 272 + 401$	$786 := 1^1 + 6^2 + 19^1 + 25^0 + 27^2$	$= 11 + 62 + 191 + 250 + 272$
$786 := 3^2 + 9^1 + 27^2 + 39^1$	$= 32 + 91 + 272 + 391$	$786 := 1^1 + 9^2 + 15^0 + 26^2 + 27^1$	$= 11 + 92 + 150 + 262 + 271$
$786 := 3^2 + 9^3 + 19^0 + 47^1$	$= 32 + 93 + 190 + 471$	$786 := 1^8 + 2^5 + 23^1 + 24^0 + 27^2$	$= 18 + 25 + 231 + 240 + 272$
$786 := 3^3 + 19^0 + 27^2 + 29^1$	$= 33 + 190 + 272 + 291$	$786 := 1^9 + 3^4 + 20^0 + 26^2 + 27^1$	$= 19 + 34 + 200 + 262 + 271$
$786 := 4^1 + 13^2 + 24^2 + 37^1$	$= 41 + 132 + 242 + 371$	$786 := 10^1 + 10^1 + 18^2 + 19^0 + 21^2$	$= 101 + 101 + 182 + 190 + 212$
$786 := 4^2 + 12^2 + 25^2 + 37^0$	$= 42 + 122 + 252 + 370$	$786 := 10^1 + 14^1 + 15^0 + 19^2 + 20^2$	$= 101 + 141 + 150 + 192 + 202$
$786 := 4^2 + 9^3 + 25^0 + 40^1$	$= 42 + 93 + 250 + 401$	$786 := 11^1 + 13^1 + 15^0 + 19^2 + 20^2$	$= 111 + 131 + 150 + 192 + 202$
$786 := 4^4 + 23^2 + 51^0$	$= 44 + 232 + 510$	$786 := 12^1 + 12^1 + 15^0 + 19^2 + 20^2$	$= 121 + 121 + 150 + 192 + 202$
$786 := 5^1 + 13^2 + 24^2 + 36^1$	$= 51 + 132 + 242 + 361$	$786 := 2^1 + 10^1 + 17^2 + 22^2 + 27^0$	$= 21 + 101 + 172 + 222 + 270$
$786 := 5^2 + 9^3 + 31^1 + 33^0$	$= 52 + 93 + 311 + 330$	$786 := 2^1 + 11^1 + 14^2 + 24^2 + 27^0$	$= 21 + 111 + 142 + 242 + 270$
$786 := 5^3 + 13^0 + 25^2 + 35^1$	$= 53 + 130 + 252 + 351$	$786 := 2^1 + 12^2 + 14^1 + 25^0 + 25^2$	$= 21 + 122 + 141 + 250 + 252$
$786 := 6^1 + 13^2 + 24^2 + 35^1$	$= 61 + 132 + 242 + 351$	$786 := 2^1 + 15^0 + 19^2 + 20^2 + 22^1$	$= 21 + 150 + 192 + 202 + 221$
$786 := 6^2 + 9^3 + 20^1 + 43^0$	$= 62 + 93 + 201 + 430$	$786 := 2^1 + 18^1 + 18^2 + 19^0 + 21^2$	$= 21 + 181 + 182 + 190 + 212$

$$\begin{aligned} 786 &:= 2^1 + 6^2 + 18^1 + 25^0 + 27^2 = 21 + 62 + 181 + 250 + 272 & 786 &:= 5^1 + 11^1 + 12^2 + 25^0 + 25^2 = 51 + 111 + 122 + 250 + 252 \\ 786 &:= 2^1 + 9^2 + 15^0 + 26^1 + 26^2 = 21 + 92 + 150 + 261 + 262 & 786 &:= 5^1 + 15^0 + 19^1 + 19^2 + 20^2 = 51 + 150 + 191 + 192 + 202 \\ 786 &:= 2^1 + 9^3 + 13^0 + 27^1 + 27^1 = 21 + 93 + 130 + 271 + 271 & 786 &:= 5^1 + 15^1 + 18^2 + 19^0 + 21^2 = 51 + 151 + 182 + 190 + 212 \\ 786 &:= 3^0 + 11^2 + 12^1 + 25^2 + 27^1 = 30 + 112 + 121 + 252 + 271 & 786 &:= 5^1 + 5^2 + 15^0 + 26^1 + 27^2 = 51 + 52 + 150 + 261 + 272 \\ 786 &:= 3^0 + 11^2 + 13^1 + 25^2 + 26^1 = 30 + 112 + 131 + 252 + 261 & 786 &:= 5^1 + 6^2 + 15^1 + 25^0 + 27^2 = 51 + 62 + 151 + 250 + 272 \\ 786 &:= 3^0 + 11^2 + 14^1 + 25^1 + 25^2 = 30 + 112 + 141 + 251 + 252 & 786 &:= 5^1 + 7^1 + 17^2 + 22^2 + 27^0 = 51 + 71 + 172 + 222 + 270 \\ 786 &:= 3^0 + 11^2 + 15^1 + 24^1 + 25^2 = 30 + 112 + 151 + 241 + 252 & 786 &:= 5^1 + 8^1 + 14^2 + 24^2 + 27^0 = 51 + 81 + 142 + 242 + 270 \\ 786 &:= 3^0 + 11^2 + 16^1 + 23^1 + 25^2 = 30 + 112 + 161 + 231 + 252 & 786 &:= 5^1 + 9^0 + 15^2 + 23^2 + 26^1 = 51 + 90 + 152 + 232 + 261 \\ 786 &:= 3^0 + 11^2 + 17^1 + 22^1 + 25^2 = 30 + 112 + 171 + 221 + 252 & 786 &:= 5^1 + 9^2 + 15^0 + 23^1 + 26^2 = 51 + 92 + 150 + 231 + 262 \\ 786 &:= 3^0 + 11^2 + 18^1 + 21^1 + 25^2 = 30 + 112 + 181 + 211 + 252 & 786 &:= 5^1 + 9^3 + 13^0 + 24^1 + 27^1 = 51 + 93 + 130 + 241 + 271 \\ 786 &:= 3^0 + 11^2 + 19^1 + 20^1 + 25^2 = 30 + 112 + 191 + 201 + 252 & 786 &:= 5^1 + 9^3 + 13^0 + 25^1 + 26^1 = 51 + 93 + 130 + 251 + 261 \\ 786 &:= 3^1 + 10^1 + 14^2 + 24^2 + 27^0 = 31 + 101 + 142 + 242 + 270 & 786 &:= 5^2 + 10^1 + 15^0 + 21^1 + 27^2 = 52 + 101 + 150 + 211 + 272 \\ 786 &:= 3^1 + 12^2 + 13^1 + 25^0 + 25^2 = 31 + 122 + 131 + 250 + 252 & 786 &:= 5^2 + 11^1 + 15^0 + 20^1 + 27^2 = 52 + 111 + 150 + 201 + 272 \\ 786 &:= 3^1 + 15^0 + 19^2 + 20^2 + 21^1 = 31 + 150 + 192 + 202 + 211 & 786 &:= 5^2 + 12^1 + 15^0 + 19^1 + 27^2 = 52 + 121 + 150 + 191 + 272 \\ 786 &:= 3^1 + 17^1 + 18^2 + 19^0 + 21^2 = 31 + 171 + 182 + 190 + 212 & 786 &:= 5^2 + 13^1 + 15^0 + 18^1 + 27^2 = 52 + 131 + 150 + 181 + 272 \\ 786 &:= 3^1 + 6^2 + 17^1 + 25^0 + 27^2 = 31 + 62 + 171 + 250 + 272 & 786 &:= 5^2 + 14^1 + 15^0 + 17^1 + 27^2 = 52 + 141 + 150 + 171 + 272 \\ 786 &:= 3^1 + 9^1 + 17^2 + 22^2 + 27^0 = 31 + 91 + 172 + 222 + 270 & 786 &:= 5^2 + 15^0 + 15^1 + 16^1 + 27^2 = 52 + 150 + 151 + 161 + 272 \\ 786 &:= 3^1 + 9^2 + 15^0 + 25^1 + 26^2 = 31 + 92 + 150 + 251 + 262 & 786 &:= 5^2 + 6^1 + 15^0 + 25^1 + 27^2 = 52 + 61 + 150 + 251 + 272 \\ 786 &:= 3^1 + 9^3 + 13^0 + 26^1 + 27^1 = 31 + 93 + 130 + 261 + 271 & 786 &:= 5^2 + 7^1 + 15^0 + 24^1 + 27^2 = 52 + 71 + 150 + 241 + 272 \\ 786 &:= 4^1 + 12^1 + 12^2 + 25^0 + 25^2 = 41 + 121 + 122 + 250 + 252 & 786 &:= 5^2 + 8^1 + 15^0 + 23^1 + 27^2 = 52 + 81 + 150 + 231 + 272 \\ 786 &:= 4^1 + 15^0 + 19^2 + 20^1 + 20^2 = 41 + 150 + 192 + 201 + 202 & 786 &:= 5^2 + 9^1 + 15^0 + 22^1 + 27^2 = 52 + 91 + 150 + 221 + 272 \\ 786 &:= 4^1 + 16^1 + 18^2 + 19^0 + 21^2 = 41 + 161 + 182 + 190 + 212 & 786 &:= 6^1 + 10^1 + 12^2 + 25^0 + 25^2 = 61 + 101 + 122 + 250 + 252 \\ 786 &:= 4^1 + 5^2 + 15^0 + 27^1 + 27^2 = 41 + 52 + 150 + 271 + 272 & 786 &:= 6^1 + 14^1 + 18^2 + 19^0 + 21^2 = 61 + 141 + 182 + 190 + 212 \\ 786 &:= 4^1 + 6^2 + 16^1 + 25^0 + 27^2 = 41 + 62 + 161 + 250 + 272 & 786 &:= 6^1 + 15^0 + 18^1 + 19^2 + 20^2 = 61 + 150 + 181 + 192 + 202 \\ 786 &:= 4^1 + 8^1 + 17^2 + 22^2 + 27^0 = 41 + 81 + 172 + 222 + 270 & 786 &:= 6^1 + 6^1 + 17^2 + 22^2 + 27^0 = 61 + 61 + 172 + 222 + 270 \\ 786 &:= 4^1 + 9^0 + 15^2 + 23^2 + 27^1 = 41 + 90 + 152 + 232 + 271 & 786 &:= 6^1 + 6^2 + 14^1 + 25^0 + 27^2 = 61 + 62 + 141 + 250 + 272 \\ 786 &:= 4^1 + 9^1 + 14^2 + 24^2 + 27^0 = 41 + 91 + 142 + 242 + 270 & 786 &:= 6^1 + 7^1 + 14^2 + 24^2 + 27^0 = 61 + 71 + 142 + 242 + 270 \\ 786 &:= 4^1 + 9^2 + 15^0 + 24^1 + 26^2 = 41 + 92 + 150 + 241 + 262 & 786 &:= 6^1 + 9^0 + 15^2 + 23^2 + 25^1 = 61 + 90 + 152 + 232 + 251 \\ 786 &:= 4^1 + 9^3 + 13^0 + 25^1 + 27^1 = 41 + 93 + 130 + 251 + 271 & 786 &:= 6^1 + 9^2 + 15^0 + 22^1 + 26^2 = 61 + 92 + 150 + 221 + 262 \\ 786 &:= 4^1 + 9^3 + 13^0 + 26^1 + 26^1 = 41 + 93 + 130 + 261 + 261 & 786 &:= 6^1 + 9^3 + 13^0 + 23^1 + 27^1 = 61 + 93 + 130 + 231 + 271 \\ 786 &:= 4^2 + 7^0 + 13^1 + 27^1 + 27^2 = 42 + 70 + 131 + 271 + 272 & 786 &:= 6^1 + 9^3 + 13^0 + 24^1 + 26^1 = 61 + 93 + 130 + 241 + 261 \\ 786 &:= 4^2 + 7^0 + 14^1 + 26^1 + 27^2 = 42 + 70 + 141 + 261 + 272 & 786 &:= 6^1 + 9^3 + 13^0 + 25^1 + 25^1 = 61 + 93 + 130 + 251 + 251 \\ 786 &:= 4^2 + 7^0 + 15^1 + 25^1 + 27^2 = 42 + 70 + 151 + 251 + 272 & 786 &:= 6^2 + 10^1 + 10^1 + 25^0 + 27^2 = 62 + 101 + 101 + 250 + 272 \\ 786 &:= 4^2 + 7^0 + 16^1 + 24^1 + 27^2 = 42 + 70 + 161 + 241 + 272 & 786 &:= 6^2 + 7^1 + 13^1 + 25^0 + 27^2 = 62 + 71 + 131 + 250 + 272 \\ 786 &:= 4^2 + 7^0 + 17^1 + 23^1 + 27^2 = 42 + 70 + 171 + 231 + 272 & 786 &:= 6^2 + 8^1 + 12^1 + 25^0 + 27^2 = 62 + 81 + 121 + 250 + 272 \\ 786 &:= 4^2 + 7^0 + 18^1 + 22^1 + 27^2 = 42 + 70 + 181 + 221 + 272 & 786 &:= 6^2 + 9^1 + 11^1 + 25^0 + 27^2 = 62 + 91 + 111 + 250 + 272 \\ 786 &:= 4^2 + 7^0 + 19^1 + 21^1 + 27^2 = 42 + 70 + 191 + 211 + 272 & 786 &:= 6^2 + 9^3 + 17^0 + 19^1 + 27^0 = 62 + 93 + 170 + 191 + 270 \\ 786 &:= 4^2 + 7^0 + 20^1 + 20^1 + 27^2 = 42 + 70 + 201 + 201 + 272 & 786 &:= 6^2 + 9^3 + 18^0 + 19^1 + 26^0 = 62 + 93 + 180 + 191 + 260 \end{aligned}$$

$$\begin{aligned} 786 &:= 6^2 + 9^3 + 19^0 + 19^1 + 25^0 = 62 + 93 + 190 + 191 + 250 & 786 &:= 8^3 + 16^1 + 16^2 + 17^0 + 21^0 = 83 + 161 + 162 + 170 + 210 \\ 786 &:= 6^2 + 9^3 + 19^1 + 20^0 + 24^0 = 62 + 93 + 191 + 200 + 240 & 786 &:= 8^3 + 16^1 + 16^2 + 18^0 + 20^0 = 83 + 161 + 162 + 180 + 200 \\ 786 &:= 6^2 + 9^3 + 19^1 + 21^0 + 23^0 = 62 + 93 + 191 + 210 + 230 & 786 &:= 8^3 + 16^1 + 16^2 + 19^0 + 19^0 = 83 + 161 + 162 + 190 + 190 \\ 786 &:= 6^2 + 9^3 + 19^1 + 22^0 + 22^0 = 62 + 93 + 191 + 220 + 220 & 786 &:= 9^0 + 10^1 + 15^2 + 21^1 + 23^2 = 90 + 101 + 152 + 211 + 232 \\ 786 &:= 7^0 + 8^2 + 12^2 + 24^2 + 27^0 = 70 + 82 + 122 + 242 + 270 & 786 &:= 9^0 + 11^1 + 15^2 + 20^1 + 23^2 = 90 + 111 + 152 + 201 + 232 \\ 786 &:= 7^1 + 13^1 + 18^2 + 19^0 + 21^2 = 71 + 131 + 182 + 190 + 212 & 786 &:= 9^0 + 12^1 + 15^2 + 19^1 + 23^2 = 90 + 121 + 152 + 191 + 232 \\ 786 &:= 7^1 + 15^0 + 17^1 + 19^2 + 20^2 = 71 + 150 + 171 + 192 + 202 & 786 &:= 9^0 + 13^1 + 15^2 + 18^1 + 23^2 = 90 + 131 + 152 + 181 + 232 \\ 786 &:= 7^1 + 9^0 + 15^2 + 23^2 + 24^1 = 71 + 90 + 152 + 232 + 241 & 786 &:= 9^0 + 14^1 + 15^2 + 17^1 + 23^2 = 90 + 141 + 152 + 171 + 232 \\ 786 &:= 7^1 + 9^1 + 12^2 + 25^0 + 25^2 = 71 + 91 + 122 + 250 + 252 & 786 &:= 9^0 + 15^1 + 15^2 + 16^1 + 23^2 = 90 + 151 + 152 + 161 + 232 \\ 786 &:= 7^1 + 9^2 + 15^0 + 21^1 + 26^2 = 71 + 92 + 150 + 211 + 262 & 786 &:= 9^0 + 9^1 + 15^2 + 22^1 + 23^2 = 90 + 91 + 152 + 221 + 232 \\ 786 &:= 7^1 + 9^3 + 13^0 + 22^1 + 27^1 = 71 + 93 + 130 + 221 + 271 & 786 &:= 9^1 + 11^1 + 18^2 + 19^0 + 21^2 = 91 + 111 + 182 + 190 + 212 \\ 786 &:= 7^1 + 9^3 + 13^0 + 23^1 + 26^1 = 71 + 93 + 130 + 231 + 261 & 786 &:= 9^1 + 15^0 + 15^1 + 19^2 + 20^2 = 91 + 150 + 151 + 192 + 202 \\ 786 &:= 7^1 + 9^3 + 13^0 + 24^1 + 25^1 = 71 + 93 + 130 + 241 + 251 & 786 &:= 9^1 + 9^2 + 15^0 + 19^1 + 26^2 = 91 + 92 + 150 + 191 + 262 \\ 786 &:= 8^0 + 8^2 + 12^2 + 24^2 + 26^0 = 80 + 82 + 122 + 242 + 260 & 786 &:= 9^1 + 9^3 + 13^0 + 20^1 + 27^1 = 91 + 93 + 130 + 201 + 271 \\ 786 &:= 8^1 + 12^1 + 18^2 + 19^0 + 21^2 = 81 + 121 + 182 + 190 + 212 & 786 &:= 9^1 + 9^3 + 13^0 + 21^1 + 26^1 = 91 + 93 + 130 + 211 + 261 \\ 786 &:= 8^1 + 15^0 + 16^1 + 19^2 + 20^2 = 81 + 150 + 161 + 192 + 202 & 786 &:= 9^1 + 9^3 + 13^0 + 22^1 + 25^1 = 91 + 93 + 130 + 221 + 251 \\ 786 &:= 8^1 + 8^1 + 12^2 + 25^0 + 25^2 = 81 + 81 + 122 + 250 + 252 & 786 &:= 9^1 + 9^3 + 13^0 + 23^1 + 24^1 = 91 + 93 + 130 + 231 + 241 \\ 786 &:= 8^1 + 9^0 + 15^2 + 23^1 + 23^2 = 81 + 90 + 152 + 231 + 232 & 786 &:= 9^2 + 10^1 + 15^0 + 18^1 + 26^2 = 92 + 101 + 150 + 181 + 262 \\ 786 &:= 8^1 + 9^2 + 15^0 + 20^1 + 26^2 = 81 + 92 + 150 + 201 + 262 & 786 &:= 9^2 + 11^1 + 15^0 + 17^1 + 26^2 = 92 + 111 + 150 + 171 + 262 \\ 786 &:= 8^1 + 9^3 + 13^0 + 21^1 + 27^1 = 81 + 93 + 130 + 211 + 271 & 786 &:= 9^2 + 12^1 + 15^0 + 16^1 + 26^2 = 92 + 121 + 150 + 161 + 262 \\ 786 &:= 8^1 + 9^3 + 13^0 + 22^1 + 26^1 = 81 + 93 + 130 + 221 + 261 & 786 &:= 9^2 + 13^1 + 15^0 + 15^1 + 26^2 = 92 + 131 + 150 + 151 + 262 \\ 786 &:= 8^1 + 9^3 + 13^0 + 23^1 + 25^1 = 81 + 93 + 130 + 231 + 251 & 786 &:= 9^2 + 14^1 + 14^1 + 15^0 + 26^2 = 92 + 141 + 141 + 150 + 262 \\ 786 &:= 8^1 + 9^3 + 13^0 + 24^1 + 24^1 = 81 + 93 + 130 + 241 + 241 & 786 &:= 9^3 + 10^1 + 13^0 + 19^1 + 27^1 = 93 + 101 + 130 + 191 + 271 \\ 786 &:= 8^2 + 10^0 + 12^2 + 24^0 + 24^2 = 82 + 100 + 122 + 240 + 242 & 786 &:= 9^3 + 10^1 + 13^0 + 20^1 + 26^1 = 93 + 101 + 130 + 201 + 261 \\ 786 &:= 8^2 + 11^0 + 12^2 + 23^0 + 24^2 = 82 + 110 + 122 + 230 + 242 & 786 &:= 9^3 + 10^1 + 13^0 + 21^1 + 25^1 = 93 + 101 + 130 + 211 + 251 \\ 786 &:= 8^2 + 12^0 + 12^2 + 22^0 + 24^2 = 82 + 120 + 122 + 220 + 242 & 786 &:= 9^3 + 10^1 + 13^0 + 22^1 + 24^1 = 93 + 101 + 130 + 221 + 241 \\ 786 &:= 8^2 + 12^2 + 13^0 + 21^0 + 24^2 = 82 + 122 + 130 + 210 + 242 & 786 &:= 9^3 + 10^1 + 13^0 + 23^1 + 23^1 = 93 + 101 + 130 + 231 + 231 \\ 786 &:= 8^2 + 12^2 + 14^0 + 20^0 + 24^2 = 82 + 122 + 140 + 200 + 242 & 786 &:= 9^3 + 11^1 + 13^0 + 18^1 + 27^1 = 93 + 111 + 130 + 181 + 271 \\ 786 &:= 8^2 + 12^2 + 15^0 + 19^0 + 24^2 = 82 + 122 + 150 + 190 + 242 & 786 &:= 9^3 + 11^1 + 13^0 + 19^1 + 26^1 = 93 + 111 + 130 + 191 + 261 \\ 786 &:= 8^2 + 12^2 + 16^0 + 18^0 + 24^2 = 82 + 122 + 160 + 180 + 242 & 786 &:= 9^3 + 11^1 + 13^0 + 20^1 + 25^1 = 93 + 111 + 130 + 201 + 251 \\ 786 &:= 8^2 + 12^2 + 17^0 + 17^0 + 24^2 = 82 + 122 + 170 + 170 + 242 & 786 &:= 9^3 + 11^1 + 13^0 + 21^1 + 24^1 = 93 + 111 + 130 + 211 + 241 \\ 786 &:= 8^2 + 9^0 + 12^2 + 24^2 + 25^0 = 82 + 90 + 122 + 242 + 250 & 786 &:= 9^3 + 11^1 + 13^0 + 22^1 + 23^1 = 93 + 111 + 130 + 221 + 231 \\ 786 &:= 8^3 + 11^0 + 16^1 + 16^2 + 27^0 = 83 + 110 + 161 + 162 + 270 & 786 &:= 9^3 + 12^1 + 13^0 + 17^1 + 27^1 = 93 + 121 + 130 + 171 + 271 \\ 786 &:= 8^3 + 12^0 + 16^1 + 16^2 + 26^0 = 83 + 120 + 161 + 162 + 260 & 786 &:= 9^3 + 12^1 + 13^0 + 18^1 + 26^1 = 93 + 121 + 130 + 181 + 261 \\ 786 &:= 8^3 + 13^0 + 16^1 + 16^2 + 25^0 = 83 + 130 + 161 + 162 + 250 & 786 &:= 9^3 + 12^1 + 13^0 + 19^1 + 25^1 = 93 + 121 + 130 + 191 + 251 \\ 786 &:= 8^3 + 14^0 + 16^1 + 16^2 + 24^0 = 83 + 140 + 161 + 162 + 240 & 786 &:= 9^3 + 12^1 + 13^0 + 20^1 + 24^1 = 93 + 121 + 130 + 201 + 241 \\ 786 &:= 8^3 + 15^0 + 16^1 + 16^2 + 23^0 = 83 + 150 + 161 + 162 + 230 & 786 &:= 9^3 + 12^1 + 13^0 + 21^1 + 23^1 = 93 + 121 + 130 + 211 + 231 \\ 786 &:= 8^3 + 16^0 + 16^1 + 16^2 + 22^0 = 83 + 160 + 161 + 162 + 220 & 786 &:= 9^3 + 12^1 + 13^0 + 22^1 + 22^1 = 93 + 121 + 130 + 221 + 221 \end{aligned}$$

$786 := 9^3 + 13^0 + 13^1 + 16^1 + 27^1 = 93 + 130 + 131 + 161 + 271$	$786 := 9^3 + 13^0 + 15^1 + 17^1 + 24^1 = 93 + 130 + 151 + 171 + 241$
$786 := 9^3 + 13^0 + 13^1 + 17^1 + 26^1 = 93 + 130 + 131 + 171 + 261$	$786 := 9^3 + 13^0 + 15^1 + 18^1 + 23^1 = 93 + 130 + 151 + 181 + 231$
$786 := 9^3 + 13^0 + 13^1 + 18^1 + 25^1 = 93 + 130 + 131 + 181 + 251$	$786 := 9^3 + 13^0 + 15^1 + 19^1 + 22^1 = 93 + 130 + 151 + 191 + 221$
$786 := 9^3 + 13^0 + 13^1 + 19^1 + 24^1 = 93 + 130 + 131 + 191 + 241$	$786 := 9^3 + 13^0 + 15^1 + 20^1 + 21^1 = 93 + 130 + 151 + 201 + 211$
$786 := 9^3 + 13^0 + 13^1 + 20^1 + 23^1 = 93 + 130 + 131 + 201 + 231$	$786 := 9^3 + 13^0 + 16^1 + 16^1 + 24^1 = 93 + 130 + 161 + 161 + 241$
$786 := 9^3 + 13^0 + 13^1 + 21^1 + 22^1 = 93 + 130 + 131 + 211 + 221$	$786 := 9^3 + 13^0 + 16^1 + 17^1 + 23^1 = 93 + 130 + 161 + 171 + 231$
$786 := 9^3 + 13^0 + 14^1 + 15^1 + 27^1 = 93 + 130 + 141 + 151 + 271$	$786 := 9^3 + 13^0 + 16^1 + 18^1 + 22^1 = 93 + 130 + 161 + 181 + 221$
$786 := 9^3 + 13^0 + 14^1 + 16^1 + 26^1 = 93 + 130 + 141 + 161 + 261$	$786 := 9^3 + 13^0 + 16^1 + 19^1 + 21^1 = 93 + 130 + 161 + 191 + 211$
$786 := 9^3 + 13^0 + 14^1 + 17^1 + 25^1 = 93 + 130 + 141 + 171 + 251$	$786 := 9^3 + 13^0 + 16^1 + 20^1 + 20^1 = 93 + 130 + 161 + 201 + 201$
$786 := 9^3 + 13^0 + 14^1 + 18^1 + 24^1 = 93 + 130 + 141 + 181 + 241$	$786 := 9^3 + 13^0 + 17^1 + 17^1 + 22^1 = 93 + 130 + 171 + 171 + 221$
$786 := 9^3 + 13^0 + 14^1 + 19^1 + 23^1 = 93 + 130 + 141 + 191 + 231$	$786 := 9^3 + 13^0 + 17^1 + 18^1 + 21^1 = 93 + 130 + 171 + 181 + 211$
$786 := 9^3 + 13^0 + 14^1 + 20^1 + 22^1 = 93 + 130 + 141 + 201 + 221$	$786 := 9^3 + 13^0 + 17^1 + 19^1 + 20^1 = 93 + 130 + 171 + 191 + 201$
$786 := 9^3 + 13^0 + 14^1 + 21^1 + 21^1 = 93 + 130 + 141 + 211 + 211$	$786 := 9^3 + 13^0 + 18^1 + 18^1 + 20^1 = 93 + 130 + 181 + 181 + 201$
$786 := 9^3 + 13^0 + 15^1 + 15^1 + 26^1 = 93 + 130 + 151 + 151 + 261$	$786 := 9^3 + 13^0 + 18^1 + 19^1 + 19^1 = 93 + 130 + 181 + 191 + 191$
$786 := 9^3 + 13^0 + 15^1 + 16^1 + 25^1 = 93 + 130 + 151 + 161 + 251$	

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$787 := 3^6 + 18^0 + 57^1 = 36 + 180 + 571$	$787 := 1^5 + 21^0 + 28^0 + 28^2 = 15 + 210 + 280 + 282$
$787 := 1^0 + 1^5 + 28^2 + 48^0 = 10 + 15 + 282 + 480$	$787 := 1^5 + 22^0 + 27^0 + 28^2 = 15 + 220 + 270 + 282$
$787 := 1^0 + 3^6 + 18^0 + 56^1 = 10 + 36 + 180 + 561$	$787 := 1^5 + 23^0 + 26^0 + 28^2 = 15 + 230 + 260 + 282$
$787 := 1^1 + 1^4 + 28^2 + 48^0 = 11 + 14 + 282 + 480$	$787 := 1^5 + 24^0 + 25^0 + 28^2 = 15 + 240 + 250 + 282$
$787 := 1^1 + 4^4 + 23^2 + 50^0 = 11 + 44 + 232 + 500$	$787 := 1^5 + 3^0 + 28^2 + 46^0 = 15 + 30 + 282 + 460$
$787 := 1^2 + 1^3 + 28^2 + 48^0 = 12 + 13 + 282 + 480$	$787 := 1^5 + 4^0 + 28^2 + 45^0 = 15 + 40 + 282 + 450$
$787 := 1^3 + 16^2 + 23^2 + 38^0 = 13 + 162 + 232 + 380$	$787 := 1^5 + 5^0 + 28^2 + 44^0 = 15 + 50 + 282 + 440$
$787 := 1^3 + 9^3 + 12^0 + 56^1 = 13 + 93 + 120 + 561$	$787 := 1^5 + 6^0 + 28^2 + 43^0 = 15 + 60 + 282 + 430$
$787 := 1^5 + 10^0 + 28^2 + 39^0 = 15 + 100 + 282 + 390$	$787 := 1^5 + 7^0 + 28^2 + 42^0 = 15 + 70 + 282 + 420$
$787 := 1^5 + 11^0 + 28^2 + 38^0 = 15 + 110 + 282 + 380$	$787 := 1^5 + 8^0 + 28^2 + 41^0 = 15 + 80 + 282 + 410$
$787 := 1^5 + 12^0 + 28^2 + 37^0 = 15 + 120 + 282 + 370$	$787 := 1^5 + 9^0 + 28^2 + 40^0 = 15 + 90 + 282 + 400$
$787 := 1^5 + 13^0 + 28^2 + 36^0 = 15 + 130 + 282 + 360$	$787 := 1^6 + 1^9 + 28^2 + 47^0 = 16 + 19 + 282 + 470$
$787 := 1^5 + 14^0 + 28^2 + 35^0 = 15 + 140 + 282 + 350$	$787 := 1^7 + 1^8 + 28^2 + 47^0 = 17 + 18 + 282 + 470$
$787 := 1^5 + 15^0 + 28^2 + 34^0 = 15 + 150 + 282 + 340$	$787 := 1^7 + 2^8 + 23^2 + 51^0 = 17 + 28 + 232 + 510$
$787 := 1^5 + 16^0 + 28^2 + 33^0 = 15 + 160 + 282 + 330$	$787 := 2^0 + 3^6 + 17^0 + 56^1 = 20 + 36 + 170 + 561$
$787 := 1^5 + 17^0 + 28^2 + 32^0 = 15 + 170 + 282 + 320$	$787 := 2^0 + 5^4 + 10^2 + 61^1 = 20 + 54 + 102 + 611$
$787 := 1^5 + 18^0 + 28^2 + 31^0 = 15 + 180 + 282 + 310$	$787 := 2^3 + 7^2 + 27^2 + 42^0 = 23 + 72 + 272 + 420$
$787 := 1^5 + 19^0 + 28^2 + 30^0 = 15 + 190 + 282 + 300$	$787 := 2^3 + 9^3 + 18^0 + 49^1 = 23 + 93 + 180 + 491$
$787 := 1^5 + 2^0 + 28^2 + 47^0 = 15 + 20 + 282 + 470$	$787 := 2^4 + 8^0 + 27^2 + 41^1 = 24 + 80 + 272 + 411$
$787 := 1^5 + 20^0 + 28^2 + 29^0 = 15 + 200 + 282 + 290$	$787 := 3^0 + 3^6 + 16^0 + 56^1 = 30 + 36 + 160 + 561$

$$\begin{aligned}
 787 &:= 3^3 + 9^3 + 30^1 + 36^0 &= 33 + 93 + 301 + 360 & 787 &:= 12^2 + 12^2 + 14^1 + 18^0 + 22^2 = 122 + 122 + 141 + 180 + 222 \\
 787 &:= 3^4 + 20^0 + 26^2 + 29^1 &= 34 + 200 + 262 + 291 & 787 &:= 12^2 + 14^0 + 15^2 + 17^1 + 20^2 = 122 + 140 + 152 + 171 + 202 \\
 787 &:= 3^6 + 18^0 + 57^1 &= 36 + 180 + 571 & 787 &:= 14^0 + 15^2 + 16^1 + 16^2 + 17^2 = 140 + 152 + 161 + 162 + 172 \\
 787 &:= 3^6 + 4^0 + 15^0 + 56^1 &= 36 + 40 + 150 + 561 & 787 &:= 2^0 + 4^3 + 19^1 + 26^2 + 27^1 = 20 + 43 + 191 + 262 + 271 \\
 787 &:= 3^6 + 5^0 + 14^0 + 56^1 &= 36 + 50 + 140 + 561 & 787 &:= 2^0 + 4^3 + 20^1 + 26^1 + 26^2 = 20 + 43 + 201 + 261 + 262 \\
 787 &:= 3^6 + 6^0 + 13^0 + 56^1 &= 36 + 60 + 130 + 561 & 787 &:= 2^0 + 4^3 + 21^1 + 25^1 + 26^2 = 20 + 43 + 211 + 251 + 262 \\
 787 &:= 3^6 + 7^0 + 12^0 + 56^1 &= 36 + 70 + 120 + 561 & 787 &:= 2^0 + 4^3 + 22^1 + 24^1 + 26^2 = 20 + 43 + 221 + 241 + 262 \\
 787 &:= 3^6 + 8^0 + 11^0 + 56^1 &= 36 + 80 + 110 + 561 & 787 &:= 2^0 + 4^3 + 23^1 + 23^1 + 26^2 = 20 + 43 + 231 + 231 + 262 \\
 787 &:= 3^6 + 9^0 + 10^0 + 56^1 &= 36 + 90 + 100 + 561 & 787 &:= 2^2 + 12^2 + 13^1 + 25^2 + 26^0 = 22 + 122 + 131 + 252 + 260 \\
 787 &:= 4^3 + 19^2 + 19^2 + 36^0 &= 43 + 192 + 192 + 360 & 787 &:= 2^2 + 16^0 + 19^2 + 20^2 + 21^1 = 22 + 160 + 192 + 202 + 211 \\
 787 &:= 4^4 + 6^0 + 22^2 + 46^1 &= 44 + 60 + 222 + 461 & 787 &:= 2^2 + 17^1 + 18^2 + 20^0 + 21^2 = 22 + 171 + 182 + 200 + 212 \\
 787 &:= 5^3 + 6^2 + 25^2 + 42^0 &= 53 + 62 + 252 + 420 & 787 &:= 2^2 + 6^2 + 17^1 + 26^0 + 27^2 = 22 + 62 + 171 + 260 + 272 \\
 787 &:= 5^4 + 11^2 + 22^0 + 40^1 &= 54 + 112 + 220 + 401 & 787 &:= 2^2 + 9^2 + 16^0 + 25^1 + 26^2 = 22 + 92 + 160 + 251 + 262 \\
 787 &:= 5^4 + 12^2 + 17^1 + 44^0 &= 54 + 122 + 171 + 440 & 787 &:= 2^2 + 9^3 + 14^0 + 26^1 + 27^1 = 22 + 93 + 140 + 261 + 271 \\
 787 &:= 6^0 + 6^3 + 8^3 + 58^1 &= 60 + 63 + 83 + 581 & 787 &:= 2^6 + 2^8 + 21^2 + 25^1 + 27^0 = 26 + 28 + 212 + 251 + 270 \\
 787 &:= 7^2 + 8^3 + 15^2 + 48^0 &= 72 + 83 + 152 + 480 & 787 &:= 3^1 + 3^3 + 18^0 + 27^1 + 27^2 = 31 + 33 + 180 + 271 + 272 \\
 787 &:= 1^2 + 12^1 + 17^2 + 22^2 + 26^0 &= 12 + 121 + 172 + 222 + 260 & 787 &:= 3^2 + 12^1 + 18^2 + 21^2 + 24^0 = 32 + 121 + 182 + 212 + 240 \\
 787 &:= 1^2 + 12^2 + 16^1 + 24^0 + 25^2 &= 12 + 122 + 161 + 240 + 252 & 787 &:= 3^2 + 14^0 + 15^2 + 23^1 + 23^2 = 32 + 140 + 152 + 231 + 232 \\
 787 &:= 1^2 + 13^1 + 14^2 + 24^2 + 26^0 &= 12 + 131 + 142 + 242 + 260 & 787 &:= 3^2 + 16^1 + 19^2 + 20^0 + 20^2 = 32 + 161 + 192 + 200 + 202 \\
 787 &:= 1^2 + 14^0 + 19^2 + 20^2 + 24^1 &= 12 + 140 + 192 + 202 + 241 & 787 &:= 3^2 + 5^2 + 20^0 + 23^1 + 27^2 = 32 + 52 + 200 + 231 + 272 \\
 787 &:= 1^2 + 18^0 + 18^2 + 20^1 + 21^2 &= 12 + 180 + 182 + 201 + 212 & 787 &:= 3^2 + 9^2 + 20^0 + 20^1 + 26^2 = 32 + 92 + 200 + 201 + 262 \\
 787 &:= 1^2 + 6^2 + 20^1 + 24^0 + 27^2 &= 12 + 62 + 201 + 240 + 272 & 787 &:= 3^2 + 9^3 + 18^0 + 21^1 + 27^1 = 32 + 93 + 180 + 211 + 271 \\
 787 &:= 1^2 + 7^3 + 21^2 + 22^0 + 27^0 &= 12 + 73 + 212 + 220 + 270 & 787 &:= 3^2 + 9^3 + 18^0 + 22^1 + 26^1 = 32 + 93 + 180 + 221 + 261 \\
 787 &:= 1^2 + 7^3 + 21^2 + 23^0 + 26^0 &= 12 + 73 + 212 + 230 + 260 & 787 &:= 3^2 + 9^3 + 18^0 + 23^1 + 25^1 = 32 + 93 + 180 + 231 + 251 \\
 787 &:= 1^2 + 7^3 + 21^2 + 24^0 + 25^0 &= 12 + 73 + 212 + 240 + 250 & 787 &:= 3^2 + 9^3 + 18^0 + 24^1 + 24^1 = 32 + 93 + 180 + 241 + 241 \\
 787 &:= 1^9 + 2^5 + 23^0 + 24^1 + 27^2 &= 19 + 25 + 230 + 241 + 272 & 787 &:= 3^3 + 10^1 + 18^0 + 20^1 + 27^2 = 33 + 101 + 180 + 201 + 272 \\
 787 &:= 10^0 + 13^2 + 14^2 + 20^2 + 21^1 &= 100 + 132 + 142 + 202 + 211 & 787 &:= 3^3 + 11^1 + 18^0 + 19^1 + 27^2 = 33 + 111 + 180 + 191 + 272 \\
 787 &:= 10^1 + 10^2 + 10^2 + 24^0 + 24^2 &= 101 + 102 + 102 + 240 + 242 & 787 &:= 3^3 + 12^1 + 18^0 + 18^1 + 27^2 = 33 + 121 + 180 + 181 + 272 \\
 787 &:= 10^1 + 14^2 + 16^2 + 18^2 + 20^0 &= 101 + 142 + 162 + 182 + 200 & 787 &:= 3^3 + 13^1 + 17^1 + 18^0 + 27^2 = 33 + 131 + 171 + 180 + 272 \\
 787 &:= 10^2 + 12^0 + 15^2 + 20^1 + 21^2 &= 102 + 120 + 152 + 201 + 212 & 787 &:= 3^3 + 14^1 + 16^1 + 18^0 + 27^2 = 33 + 141 + 161 + 180 + 272 \\
 787 &:= 10^2 + 12^2 + 13^1 + 20^0 + 23^2 &= 102 + 122 + 131 + 200 + 232 & 787 &:= 3^3 + 15^1 + 15^1 + 18^0 + 27^2 = 33 + 151 + 151 + 180 + 272 \\
 787 &:= 11^2 + 11^2 + 15^1 + 18^0 + 23^2 &= 112 + 112 + 151 + 180 + 232 & 787 &:= 3^3 + 4^1 + 18^0 + 26^1 + 27^2 = 33 + 41 + 180 + 261 + 272 \\
 787 &:= 11^2 + 12^1 + 13^2 + 20^0 + 22^2 &= 112 + 121 + 132 + 200 + 222 & 787 &:= 3^3 + 5^1 + 18^0 + 25^1 + 27^2 = 33 + 51 + 180 + 251 + 272 \\
 787 &:= 11^2 + 14^0 + 17^1 + 18^2 + 18^2 &= 112 + 140 + 171 + 182 + 182 & 787 &:= 3^3 + 6^1 + 18^0 + 24^1 + 27^2 = 33 + 61 + 180 + 241 + 272 \\
 787 &:= 11^2 + 15^1 + 16^0 + 17^2 + 19^2 &= 112 + 151 + 160 + 172 + 192 & 787 &:= 3^3 + 7^1 + 18^0 + 23^1 + 27^2 = 33 + 71 + 180 + 231 + 272 \\
 787 &:= 12^0 + 16^2 + 16^2 + 16^2 + 18^1 &= 120 + 162 + 162 + 162 + 181 & 787 &:= 3^3 + 8^1 + 18^0 + 22^1 + 27^2 = 33 + 81 + 180 + 221 + 272 \\
 787 &:= 12^1 + 14^2 + 17^2 + 17^2 + 18^0 &= 121 + 142 + 172 + 172 + 180 & 787 &:= 3^3 + 9^1 + 18^0 + 21^1 + 27^2 = 33 + 91 + 180 + 211 + 272 \\
 787 &:= 12^1 + 15^2 + 15^2 + 18^0 + 18^2 &= 121 + 152 + 152 + 180 + 182 & 787 &:= 4^1 + 13^2 + 17^2 + 18^2 + 26^0 = 41 + 132 + 172 + 182 + 260
 \end{aligned}$$

$$\begin{aligned} 787 &:= 4^1 + 14^2 + 15^2 + 19^2 + 26^0 = 41 + 142 + 152 + 192 + 260 & 787 &:= 6^0 + 8^3 + 15^2 + 24^1 + 25^1 = 60 + 83 + 152 + 241 + 251 \\ 787 &:= 4^2 + 11^2 + 14^0 + 24^1 + 25^2 = 42 + 112 + 140 + 241 + 252 & 787 &:= 6^1 + 10^2 + 14^2 + 22^2 + 26^0 = 61 + 102 + 142 + 222 + 260 \\ 787 &:= 4^2 + 12^0 + 13^2 + 24^2 + 25^1 = 42 + 120 + 132 + 242 + 251 & 787 &:= 6^2 + 10^0 + 14^2 + 23^2 + 25^1 = 62 + 100 + 142 + 232 + 251 \\ 787 &:= 4^2 + 15^2 + 16^1 + 20^0 + 23^2 = 42 + 152 + 161 + 200 + 232 & 787 &:= 6^2 + 10^1 + 16^2 + 22^2 + 24^0 = 62 + 101 + 162 + 222 + 240 \\ 787 &:= 4^2 + 4^2 + 18^0 + 25^1 + 27^2 = 42 + 42 + 180 + 251 + 272 & 787 &:= 6^2 + 10^2 + 12^0 + 25^1 + 25^2 = 62 + 102 + 120 + 251 + 252 \\ 787 &:= 4^2 + 5^2 + 16^1 + 26^0 + 27^2 = 42 + 52 + 161 + 260 + 272 & 787 &:= 6^2 + 14^0 + 17^2 + 20^1 + 21^2 = 62 + 140 + 172 + 201 + 212 \\ 787 &:= 4^2 + 9^1 + 19^2 + 20^2 + 26^0 = 42 + 91 + 192 + 202 + 260 & 787 &:= 6^2 + 7^2 + 14^0 + 25^1 + 26^2 = 62 + 72 + 140 + 251 + 262 \\ 787 &:= 4^2 + 9^2 + 13^1 + 26^0 + 26^2 = 42 + 92 + 131 + 260 + 262 & 787 &:= 6^2 + 8^0 + 18^2 + 20^2 + 26^1 = 62 + 80 + 182 + 202 + 261 \\ 787 &:= 4^2 + 9^3 + 14^1 + 24^0 + 27^1 = 42 + 93 + 141 + 240 + 271 & 787 &:= 6^3 + 12^0 + 13^2 + 20^2 + 27^0 = 63 + 120 + 132 + 202 + 270 \\ 787 &:= 4^2 + 9^3 + 15^1 + 24^0 + 26^1 = 42 + 93 + 151 + 240 + 261 & 787 &:= 6^3 + 13^0 + 13^2 + 20^2 + 26^0 = 63 + 130 + 132 + 202 + 260 \\ 787 &:= 4^2 + 9^3 + 16^1 + 24^0 + 25^1 = 42 + 93 + 161 + 240 + 251 & 787 &:= 6^3 + 13^2 + 14^0 + 20^2 + 25^0 = 63 + 132 + 140 + 202 + 250 \\ 787 &:= 4^2 + 9^3 + 17^1 + 24^0 + 24^1 = 42 + 93 + 171 + 240 + 241 & 787 &:= 6^3 + 13^2 + 15^0 + 20^2 + 24^0 = 63 + 132 + 150 + 202 + 240 \\ 787 &:= 4^2 + 9^3 + 18^1 + 23^1 + 24^0 = 42 + 93 + 181 + 231 + 240 & 787 &:= 6^3 + 13^2 + 16^0 + 20^2 + 23^0 = 63 + 132 + 160 + 202 + 230 \\ 787 &:= 4^2 + 9^3 + 19^1 + 22^1 + 24^0 = 42 + 93 + 191 + 221 + 240 & 787 &:= 6^3 + 13^2 + 17^0 + 20^2 + 22^0 = 63 + 132 + 170 + 202 + 220 \\ 787 &:= 4^2 + 9^3 + 20^1 + 21^1 + 24^0 = 42 + 93 + 201 + 211 + 240 & 787 &:= 6^3 + 13^2 + 18^0 + 20^2 + 21^0 = 63 + 132 + 180 + 202 + 210 \\ 787 &:= 5^1 + 12^2 + 14^2 + 21^2 + 26^0 = 51 + 122 + 142 + 212 + 260 & 787 &:= 6^3 + 13^2 + 19^0 + 20^0 + 20^2 = 63 + 132 + 190 + 200 + 202 \\ 787 &:= 5^2 + 11^2 + 15^1 + 22^0 + 25^2 = 52 + 112 + 151 + 220 + 252 & 787 &:= 6^3 + 8^0 + 14^1 + 23^2 + 27^1 = 63 + 80 + 141 + 232 + 271 \\ 787 &:= 5^2 + 13^2 + 16^1 + 20^0 + 24^2 = 52 + 132 + 161 + 200 + 242 & 787 &:= 6^3 + 8^0 + 15^1 + 23^2 + 26^1 = 63 + 80 + 151 + 232 + 261 \\ 787 &:= 5^2 + 14^0 + 16^2 + 21^1 + 22^2 = 52 + 140 + 162 + 211 + 222 & 787 &:= 6^3 + 8^0 + 16^1 + 23^2 + 25^1 = 63 + 80 + 161 + 232 + 251 \\ 787 &:= 5^2 + 8^2 + 18^0 + 21^1 + 26^2 = 52 + 82 + 180 + 211 + 262 & 787 &:= 6^3 + 8^0 + 17^1 + 23^2 + 24^1 = 63 + 80 + 171 + 232 + 241 \\ 787 &:= 5^3 + 10^1 + 12^0 + 25^2 + 26^1 = 53 + 101 + 120 + 252 + 261 & 787 &:= 6^3 + 8^0 + 18^1 + 23^1 + 23^2 = 63 + 80 + 181 + 231 + 232 \\ 787 &:= 5^3 + 11^1 + 12^0 + 25^1 + 25^2 = 53 + 111 + 120 + 251 + 252 & 787 &:= 6^3 + 8^0 + 19^1 + 22^1 + 23^2 = 63 + 80 + 191 + 221 + 232 \\ 787 &:= 5^3 + 12^0 + 12^1 + 24^1 + 25^2 = 53 + 120 + 121 + 241 + 252 & 787 &:= 6^3 + 8^0 + 20^1 + 21^1 + 23^2 = 63 + 80 + 201 + 211 + 232 \\ 787 &:= 5^3 + 12^0 + 13^1 + 23^1 + 25^2 = 53 + 120 + 131 + 231 + 252 & 787 &:= 7^1 + 13^2 + 13^2 + 21^2 + 24^0 = 71 + 132 + 132 + 212 + 240 \\ 787 &:= 5^3 + 12^0 + 14^1 + 22^1 + 25^2 = 53 + 120 + 141 + 221 + 252 & 787 &:= 7^1 + 7^2 + 17^2 + 21^2 + 26^0 = 71 + 72 + 172 + 212 + 260 \\ 787 &:= 5^3 + 12^0 + 15^1 + 21^1 + 25^2 = 53 + 120 + 151 + 211 + 252 & 787 &:= 7^1 + 9^2 + 13^2 + 23^2 + 26^0 = 71 + 92 + 132 + 232 + 260 \\ 787 &:= 5^3 + 12^0 + 16^1 + 20^1 + 25^2 = 53 + 120 + 161 + 201 + 252 & 787 &:= 7^2 + 10^2 + 12^1 + 24^0 + 25^2 = 72 + 102 + 121 + 240 + 252 \\ 787 &:= 5^3 + 12^0 + 17^1 + 19^1 + 25^2 = 53 + 120 + 171 + 191 + 252 & 787 &:= 7^2 + 12^1 + 14^2 + 22^0 + 23^2 = 72 + 121 + 142 + 220 + 232 \\ 787 &:= 5^3 + 12^0 + 18^1 + 18^1 + 25^2 = 53 + 120 + 181 + 181 + 252 & 787 &:= 7^2 + 12^2 + 17^1 + 18^0 + 24^2 = 72 + 122 + 171 + 180 + 242 \\ 787 &:= 5^3 + 9^1 + 12^0 + 25^2 + 27^1 = 53 + 91 + 120 + 252 + 271 & 787 &:= 7^2 + 13^1 + 18^2 + 20^0 + 20^2 = 72 + 131 + 182 + 200 + 202 \\ 787 &:= 5^4 + 12^2 + 16^1 + 18^0 + 27^0 = 54 + 122 + 161 + 180 + 270 & 787 &:= 7^2 + 15^1 + 18^0 + 19^2 + 19^2 = 72 + 151 + 180 + 192 + 192 \\ 787 &:= 5^4 + 12^2 + 16^1 + 19^0 + 26^0 = 54 + 122 + 161 + 190 + 260 & 787 &:= 7^2 + 7^2 + 12^1 + 26^0 + 26^2 = 72 + 72 + 121 + 260 + 262 \\ 787 &:= 5^4 + 12^2 + 16^1 + 20^0 + 25^0 = 54 + 122 + 161 + 200 + 250 & 787 &:= 7^3 + 8^0 + 16^1 + 20^2 + 27^1 = 73 + 80 + 161 + 202 + 271 \\ 787 &:= 5^4 + 12^2 + 16^1 + 21^0 + 24^0 = 54 + 122 + 161 + 210 + 240 & 787 &:= 7^3 + 8^0 + 17^1 + 20^2 + 26^1 = 73 + 80 + 171 + 202 + 261 \\ 787 &:= 5^4 + 12^2 + 16^1 + 22^0 + 23^0 = 54 + 122 + 161 + 220 + 230 & 787 &:= 7^3 + 8^0 + 18^1 + 20^2 + 25^1 = 73 + 80 + 181 + 202 + 251 \\ 787 &:= 6^0 + 12^2 + 16^2 + 19^2 + 25^1 = 60 + 122 + 162 + 192 + 251 & 787 &:= 7^3 + 8^0 + 19^1 + 20^2 + 24^1 = 73 + 80 + 191 + 202 + 241 \\ 787 &:= 6^0 + 8^3 + 15^2 + 22^1 + 27^1 = 60 + 83 + 152 + 221 + 271 & 787 &:= 7^3 + 8^0 + 20^1 + 20^2 + 23^1 = 73 + 80 + 201 + 202 + 231 \\ 787 &:= 6^0 + 8^3 + 15^2 + 23^1 + 26^1 = 60 + 83 + 152 + 231 + 261 & 787 &:= 7^3 + 8^0 + 20^2 + 21^1 + 22^1 = 73 + 80 + 202 + 211 + 221 \end{aligned}$$

$787 := 7^3 + 9^2 + 16^0 + 19^2 + 27^0$	$= 73 + 92 + 160 + 192 + 270$	$787 := 8^1 + 9^2 + 16^2 + 21^2 + 24^0$	$= 81 + 92 + 162 + 212 + 240$
$787 := 7^3 + 9^2 + 17^0 + 19^2 + 26^0$	$= 73 + 92 + 170 + 192 + 260$	$787 := 8^2 + 10^0 + 11^2 + 24^2 + 25^1$	$= 82 + 100 + 112 + 242 + 251$
$787 := 7^3 + 9^2 + 18^0 + 19^2 + 25^0$	$= 73 + 92 + 180 + 192 + 250$	$787 := 8^2 + 10^0 + 13^2 + 23^2 + 24^1$	$= 82 + 100 + 132 + 232 + 241$
$787 := 7^3 + 9^2 + 19^0 + 19^2 + 24^0$	$= 73 + 92 + 190 + 192 + 240$	$787 := 8^2 + 13^1 + 15^2 + 20^0 + 22^2$	$= 82 + 131 + 152 + 200 + 222$
$787 := 7^3 + 9^2 + 19^2 + 20^0 + 23^0$	$= 73 + 92 + 192 + 200 + 230$	$787 := 8^2 + 9^2 + 16^1 + 20^0 + 25^2$	$= 82 + 92 + 161 + 200 + 252$
$787 := 7^3 + 9^2 + 19^2 + 21^0 + 22^0$	$= 73 + 92 + 192 + 210 + 220$	$787 := 9^1 + 11^2 + 16^2 + 20^2 + 22^0$	$= 91 + 112 + 162 + 202 + 220$
$787 := 8^0 + 8^2 + 16^2 + 21^2 + 25^1$	$= 80 + 82 + 162 + 212 + 251$	$787 := 9^2 + 12^0 + 18^2 + 19^2 + 20^1$	$= 92 + 120 + 182 + 192 + 201$
$787 := 8^0 + 9^2 + 14^2 + 22^2 + 25^1$	$= 80 + 92 + 142 + 222 + 251$	$787 := 9^2 + 16^0 + 16^1 + 17^2 + 20^2$	$= 92 + 160 + 161 + 172 + 202$
$787 := 8^1 + 9^2 + 11^2 + 24^2 + 26^0$	$= 81 + 92 + 112 + 242 + 260$		

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$788 := 1^1 + 3^6 + 17^0 + 57^1$	$= 11 + 36 + 170 + 571$	$788 := 3^6 + 17^0 + 19^1 + 39^1$	$= 36 + 170 + 191 + 391$
$788 := 1^1 + 5^4 + 10^2 + 62^1$	$= 11 + 54 + 102 + 621$	$788 := 3^6 + 17^0 + 20^1 + 38^1$	$= 36 + 170 + 201 + 381$
$788 := 1^2 + 4^3 + 26^2 + 47^1$	$= 12 + 43 + 262 + 471$	$788 := 3^6 + 17^0 + 21^1 + 37^1$	$= 36 + 170 + 211 + 371$
$788 := 1^3 + 11^2 + 25^2 + 41^1$	$= 13 + 112 + 252 + 411$	$788 := 3^6 + 17^0 + 22^1 + 36^1$	$= 36 + 170 + 221 + 361$
$788 := 1^4 + 9^3 + 11^0 + 57^1$	$= 14 + 93 + 110 + 571$	$788 := 3^6 + 17^0 + 23^1 + 35^1$	$= 36 + 170 + 231 + 351$
$788 := 1^5 + 2^1 + 28^2 + 47^0$	$= 15 + 21 + 282 + 470$	$788 := 3^6 + 17^0 + 24^1 + 34^1$	$= 36 + 170 + 241 + 341$
$788 := 2^1 + 3^6 + 17^0 + 56^1$	$= 21 + 36 + 170 + 561$	$788 := 3^6 + 17^0 + 25^1 + 33^1$	$= 36 + 170 + 251 + 331$
$788 := 2^1 + 5^4 + 10^2 + 61^1$	$= 21 + 54 + 102 + 611$	$788 := 3^6 + 17^0 + 26^1 + 32^1$	$= 36 + 170 + 261 + 321$
$788 := 2^2 + 2^3 + 27^2 + 47^1$	$= 22 + 23 + 272 + 471$	$788 := 3^6 + 17^0 + 27^1 + 31^1$	$= 36 + 170 + 271 + 311$
$788 := 2^4 + 9^3 + 25^0 + 42^1$	$= 24 + 93 + 250 + 421$	$788 := 3^6 + 17^0 + 28^1 + 30^1$	$= 36 + 170 + 281 + 301$
$788 := 2^5 + 23^0 + 26^1 + 27^2$	$= 25 + 230 + 261 + 272$	$788 := 3^6 + 17^0 + 29^1 + 29^1$	$= 36 + 170 + 291 + 291$
$788 := 2^8 + 2^9 + 19^1 + 54^0$	$= 28 + 29 + 191 + 540$	$788 := 3^6 + 4^1 + 17^0 + 54^1$	$= 36 + 41 + 170 + 541$
$788 := 3^1 + 3^6 + 17^0 + 55^1$	$= 31 + 36 + 170 + 551$	$788 := 3^6 + 5^1 + 17^0 + 53^1$	$= 36 + 51 + 170 + 531$
$788 := 3^1 + 5^4 + 10^2 + 60^1$	$= 31 + 54 + 102 + 601$	$788 := 3^6 + 6^1 + 17^0 + 52^1$	$= 36 + 61 + 170 + 521$
$788 := 3^3 + 18^2 + 20^2 + 37^1$	$= 33 + 182 + 202 + 371$	$788 := 3^6 + 7^1 + 17^0 + 51^1$	$= 36 + 71 + 170 + 511$
$788 := 3^4 + 9^2 + 25^2 + 41^0$	$= 34 + 92 + 252 + 410$	$788 := 3^6 + 8^1 + 17^0 + 50^1$	$= 36 + 81 + 170 + 501$
$788 := 3^5 + 15^1 + 23^2 + 37^0$	$= 35 + 151 + 232 + 370$	$788 := 3^6 + 9^1 + 17^0 + 49^1$	$= 36 + 91 + 170 + 491$
$788 := 3^6 + 10^1 + 17^0 + 48^1$	$= 36 + 101 + 170 + 481$	$788 := 4^1 + 5^4 + 10^2 + 59^1$	$= 41 + 54 + 102 + 591$
$788 := 3^6 + 11^1 + 17^0 + 47^1$	$= 36 + 111 + 170 + 471$	$788 := 4^4 + 8^3 + 19^1 + 47^0$	$= 44 + 83 + 191 + 470$
$788 := 3^6 + 12^1 + 17^0 + 46^1$	$= 36 + 121 + 170 + 461$	$788 := 5^1 + 5^4 + 10^2 + 58^1$	$= 51 + 54 + 102 + 581$
$788 := 3^6 + 13^1 + 17^0 + 45^1$	$= 36 + 131 + 170 + 451$	$788 := 5^3 + 15^2 + 20^2 + 38^1$	$= 53 + 152 + 202 + 381$
$788 := 3^6 + 14^1 + 17^0 + 44^1$	$= 36 + 141 + 170 + 441$	$788 := 5^3 + 5^4 + 31^0 + 37^1$	$= 53 + 54 + 310 + 371$
$788 := 3^6 + 15^1 + 17^0 + 43^1$	$= 36 + 151 + 170 + 431$	$788 := 5^4 + 10^1 + 10^2 + 53^1$	$= 54 + 101 + 102 + 531$
$788 := 3^6 + 16^1 + 17^0 + 42^1$	$= 36 + 161 + 170 + 421$	$788 := 5^4 + 10^2 + 11^1 + 52^1$	$= 54 + 102 + 111 + 521$
$788 := 3^6 + 17^0 + 17^1 + 41^1$	$= 36 + 170 + 171 + 411$	$788 := 5^4 + 10^2 + 12^1 + 51^1$	$= 54 + 102 + 121 + 511$
$788 := 3^6 + 17^0 + 18^1 + 40^1$	$= 36 + 170 + 181 + 401$	$788 := 5^4 + 10^2 + 13^1 + 50^1$	$= 54 + 102 + 131 + 501$

$788 := 5^4 + 10^2 + 14^1 + 49^1$	$= 54 + 102 + 141 + 491$	$788 := 1^3 + 12^2 + 17^1 + 23^0 + 25^2$	$= 13 + 122 + 171 + 230 + 252$
$788 := 5^4 + 10^2 + 15^1 + 48^1$	$= 54 + 102 + 151 + 481$	$788 := 1^3 + 13^0 + 19^2 + 20^2 + 25^1$	$= 13 + 130 + 192 + 202 + 251$
$788 := 5^4 + 10^2 + 16^1 + 47^1$	$= 54 + 102 + 161 + 471$	$788 := 1^3 + 13^1 + 17^2 + 22^2 + 25^0$	$= 13 + 131 + 172 + 222 + 250$
$788 := 5^4 + 10^2 + 17^1 + 46^1$	$= 54 + 102 + 171 + 461$	$788 := 1^3 + 14^1 + 14^2 + 24^2 + 25^0$	$= 13 + 141 + 142 + 242 + 250$
$788 := 5^4 + 10^2 + 18^1 + 45^1$	$= 54 + 102 + 181 + 451$	$788 := 1^3 + 17^0 + 18^2 + 21^1 + 21^2$	$= 13 + 170 + 182 + 211 + 212$
$788 := 5^4 + 10^2 + 19^1 + 44^1$	$= 54 + 102 + 191 + 441$	$788 := 1^3 + 6^2 + 21^1 + 23^0 + 27^2$	$= 13 + 62 + 211 + 230 + 272$
$788 := 5^4 + 10^2 + 20^1 + 43^1$	$= 54 + 102 + 201 + 431$	$788 := 1^4 + 11^0 + 16^2 + 23^2 + 27^0$	$= 14 + 110 + 162 + 232 + 270$
$788 := 5^4 + 10^2 + 21^1 + 42^1$	$= 54 + 102 + 211 + 421$	$788 := 1^4 + 12^0 + 16^2 + 23^2 + 26^0$	$= 14 + 120 + 162 + 232 + 260$
$788 := 5^4 + 10^2 + 22^1 + 41^1$	$= 54 + 102 + 221 + 411$	$788 := 1^4 + 13^0 + 16^2 + 23^2 + 25^0$	$= 14 + 130 + 162 + 232 + 250$
$788 := 5^4 + 10^2 + 23^1 + 40^1$	$= 54 + 102 + 231 + 401$	$788 := 1^4 + 14^0 + 16^2 + 23^2 + 24^0$	$= 14 + 140 + 162 + 232 + 240$
$788 := 5^4 + 10^2 + 24^1 + 39^1$	$= 54 + 102 + 241 + 391$	$788 := 1^4 + 15^0 + 16^2 + 23^0 + 23^2$	$= 14 + 150 + 162 + 230 + 232$
$788 := 5^4 + 10^2 + 25^1 + 38^1$	$= 54 + 102 + 251 + 381$	$788 := 1^4 + 16^0 + 16^2 + 22^0 + 23^2$	$= 14 + 160 + 162 + 220 + 232$
$788 := 5^4 + 10^2 + 26^1 + 37^1$	$= 54 + 102 + 261 + 371$	$788 := 1^4 + 16^2 + 17^0 + 21^0 + 23^2$	$= 14 + 162 + 170 + 210 + 232$
$788 := 5^4 + 10^2 + 27^1 + 36^1$	$= 54 + 102 + 271 + 361$	$788 := 1^4 + 16^2 + 18^0 + 20^0 + 23^2$	$= 14 + 162 + 180 + 200 + 232$
$788 := 5^4 + 10^2 + 28^1 + 35^1$	$= 54 + 102 + 281 + 351$	$788 := 1^4 + 16^2 + 19^0 + 19^0 + 23^2$	$= 14 + 162 + 190 + 190 + 232$
$788 := 5^4 + 10^2 + 29^1 + 34^1$	$= 54 + 102 + 291 + 341$	$788 := 1^8 + 2^8 + 23^2 + 24^0 + 27^0$	$= 18 + 28 + 232 + 240 + 270$
$788 := 5^4 + 10^2 + 30^1 + 33^1$	$= 54 + 102 + 301 + 331$	$788 := 1^8 + 2^8 + 23^2 + 25^0 + 26^0$	$= 18 + 28 + 232 + 250 + 260$
$788 := 5^4 + 10^2 + 31^1 + 32^1$	$= 54 + 102 + 311 + 321$	$788 := 10^1 + 10^2 + 16^2 + 20^2 + 22^1$	$= 101 + 102 + 162 + 202 + 221$
$788 := 5^4 + 6^1 + 10^2 + 57^1$	$= 54 + 61 + 102 + 571$	$788 := 10^1 + 12^2 + 17^2 + 18^2 + 21^1$	$= 101 + 122 + 172 + 182 + 211$
$788 := 5^4 + 7^1 + 10^2 + 56^1$	$= 54 + 71 + 102 + 561$	$788 := 10^2 + 11^1 + 16^2 + 20^2 + 21^1$	$= 102 + 111 + 162 + 202 + 211$
$788 := 5^4 + 8^1 + 10^2 + 55^1$	$= 54 + 81 + 102 + 551$	$788 := 10^2 + 12^1 + 16^2 + 20^1 + 20^2$	$= 102 + 121 + 162 + 201 + 202$
$788 := 5^4 + 9^1 + 10^2 + 54^1$	$= 54 + 91 + 102 + 541$	$788 := 10^2 + 13^1 + 16^2 + 19^1 + 20^2$	$= 102 + 131 + 162 + 191 + 202$
$788 := 5^4 + 9^2 + 9^2 + 55^0$	$= 54 + 92 + 92 + 550$	$788 := 10^2 + 14^1 + 16^2 + 18^1 + 20^2$	$= 102 + 141 + 162 + 181 + 202$
$788 := 1^0 + 2^5 + 23^0 + 25^1 + 27^2$	$= 10 + 25 + 230 + 251 + 272$	$788 := 10^2 + 15^1 + 16^2 + 17^1 + 20^2$	$= 102 + 151 + 162 + 171 + 202$
$788 := 1^1 + 4^3 + 20^1 + 26^2 + 27^1$	$= 11 + 43 + 201 + 262 + 271$	$788 := 10^2 + 16^1 + 16^1 + 16^2 + 20^2$	$= 102 + 161 + 161 + 162 + 202$
$788 := 1^1 + 4^3 + 21^1 + 26^1 + 26^2$	$= 11 + 43 + 211 + 261 + 262$	$788 := 11^1 + 12^2 + 17^2 + 18^2 + 20^1$	$= 111 + 122 + 172 + 182 + 201$
$788 := 1^1 + 4^3 + 22^1 + 25^1 + 26^2$	$= 11 + 43 + 221 + 251 + 262$	$788 := 11^2 + 11^2 + 16^2 + 17^2 + 23^0$	$= 112 + 112 + 162 + 172 + 230$
$788 := 1^1 + 4^3 + 23^1 + 24^1 + 26^2$	$= 11 + 43 + 231 + 241 + 262$	$788 := 12^1 + 12^2 + 17^2 + 18^2 + 19^1$	$= 121 + 122 + 172 + 182 + 191$
$788 := 1^2 + 11^2 + 14^1 + 25^2 + 27^1$	$= 12 + 112 + 141 + 252 + 271$	$788 := 12^2 + 13^1 + 17^2 + 18^1 + 18^2$	$= 122 + 131 + 172 + 181 + 182$
$788 := 1^2 + 11^2 + 15^1 + 25^2 + 26^1$	$= 12 + 112 + 151 + 252 + 261$	$788 := 12^2 + 14^1 + 17^1 + 17^2 + 18^2$	$= 122 + 141 + 171 + 172 + 182$
$788 := 1^2 + 11^2 + 16^1 + 25^1 + 25^2$	$= 12 + 112 + 161 + 251 + 252$	$788 := 12^2 + 15^1 + 16^1 + 17^2 + 18^2$	$= 122 + 151 + 161 + 172 + 182$
$788 := 1^2 + 11^2 + 17^1 + 24^1 + 25^2$	$= 12 + 112 + 171 + 241 + 252$	$788 := 2^0 + 2^5 + 22^0 + 25^1 + 27^2$	$= 20 + 25 + 220 + 251 + 272$
$788 := 1^2 + 11^2 + 18^1 + 23^1 + 25^2$	$= 12 + 112 + 181 + 231 + 252$	$788 := 2^1 + 4^3 + 19^1 + 26^2 + 27^1$	$= 21 + 43 + 191 + 262 + 271$
$788 := 1^2 + 11^2 + 19^1 + 22^1 + 25^2$	$= 12 + 112 + 191 + 221 + 252$	$788 := 2^1 + 4^3 + 20^1 + 26^1 + 26^2$	$= 21 + 43 + 201 + 261 + 262$
$788 := 1^2 + 11^2 + 20^1 + 21^1 + 25^2$	$= 12 + 112 + 201 + 211 + 252$	$788 := 2^1 + 4^3 + 21^1 + 25^1 + 26^2$	$= 21 + 43 + 211 + 251 + 262$
$788 := 1^2 + 4^4 + 23^0 + 23^2 + 27^0$	$= 12 + 44 + 230 + 232 + 270$	$788 := 2^1 + 4^3 + 22^1 + 24^1 + 26^2$	$= 21 + 43 + 221 + 241 + 262$
$788 := 1^2 + 4^4 + 23^2 + 24^0 + 26^0$	$= 12 + 44 + 232 + 240 + 260$	$788 := 2^1 + 4^3 + 23^1 + 23^1 + 26^2$	$= 21 + 43 + 231 + 231 + 262$
$788 := 1^2 + 4^4 + 23^2 + 25^0 + 25^0$	$= 12 + 44 + 232 + 250 + 250$	$788 := 2^2 + 12^1 + 13^2 + 24^2 + 27^1$	$= 22 + 121 + 132 + 242 + 271$

$$\begin{aligned} 788 &:= 2^2 + 13^1 + 13^2 + 24^2 + 26^1 = 22 + 131 + 132 + 242 + 261 & 788 &:= 3^1 + 3^4 + 19^0 + 26^2 + 27^1 = 31 + 34 + 190 + 262 + 271 \\ 788 &:= 2^2 + 13^2 + 14^1 + 24^2 + 25^1 = 22 + 132 + 141 + 242 + 251 & 788 &:= 3^1 + 4^3 + 18^1 + 26^2 + 27^1 = 31 + 43 + 181 + 262 + 271 \\ 788 &:= 2^2 + 13^2 + 15^1 + 24^1 + 24^2 = 22 + 132 + 151 + 241 + 242 & 788 &:= 3^1 + 4^3 + 19^1 + 26^1 + 26^2 = 31 + 43 + 191 + 261 + 262 \\ 788 &:= 2^2 + 13^2 + 16^1 + 23^1 + 24^2 = 22 + 132 + 161 + 231 + 242 & 788 &:= 3^1 + 4^3 + 20^1 + 25^1 + 26^2 = 31 + 43 + 201 + 251 + 262 \\ 788 &:= 2^2 + 13^2 + 17^1 + 22^1 + 24^2 = 22 + 132 + 171 + 221 + 242 & 788 &:= 3^1 + 4^3 + 21^1 + 24^1 + 26^2 = 31 + 43 + 211 + 241 + 262 \\ 788 &:= 2^2 + 13^2 + 18^1 + 21^1 + 24^2 = 22 + 132 + 181 + 211 + 242 & 788 &:= 3^1 + 4^3 + 22^1 + 23^1 + 26^2 = 31 + 43 + 221 + 231 + 262 \\ 788 &:= 2^2 + 13^2 + 19^1 + 20^1 + 24^2 = 22 + 132 + 191 + 201 + 242 & 788 &:= 3^2 + 3^3 + 22^1 + 23^0 + 27^2 = 32 + 33 + 221 + 230 + 272 \\ 788 &:= 2^2 + 3^2 + 19^1 + 27^1 + 27^2 = 22 + 32 + 191 + 271 + 272 & 788 &:= 3^3 + 11^2 + 14^1 + 25^0 + 25^2 = 33 + 112 + 141 + 250 + 252 \\ 788 &:= 2^2 + 3^2 + 20^1 + 26^1 + 27^2 = 22 + 32 + 201 + 261 + 272 & 788 &:= 3^3 + 13^2 + 15^1 + 23^0 + 24^2 = 33 + 132 + 151 + 230 + 242 \\ 788 &:= 2^2 + 3^2 + 21^1 + 25^1 + 27^2 = 22 + 32 + 211 + 251 + 272 & 788 &:= 3^3 + 16^2 + 17^0 + 20^1 + 22^2 = 33 + 162 + 170 + 201 + 222 \\ 788 &:= 2^2 + 3^2 + 22^1 + 24^1 + 27^2 = 22 + 32 + 221 + 241 + 272 & 788 &:= 3^3 + 8^2 + 20^1 + 21^0 + 26^2 = 33 + 82 + 201 + 210 + 262 \\ 788 &:= 2^2 + 3^2 + 23^1 + 23^1 + 27^2 = 22 + 32 + 231 + 231 + 272 & 788 &:= 3^4 + 10^1 + 19^0 + 20^1 + 26^2 = 34 + 101 + 190 + 201 + 262 \\ 788 &:= 2^2 + 3^3 + 19^0 + 27^1 + 27^2 = 22 + 33 + 190 + 271 + 272 & 788 &:= 3^4 + 11^1 + 19^0 + 19^1 + 26^2 = 34 + 111 + 190 + 191 + 262 \\ 788 &:= 2^3 + 13^0 + 15^2 + 23^2 + 25^1 = 23 + 130 + 152 + 232 + 251 & 788 &:= 3^4 + 12^1 + 18^1 + 19^0 + 26^2 = 34 + 121 + 181 + 190 + 262 \\ 788 &:= 2^3 + 14^1 + 18^2 + 21^2 + 23^0 = 23 + 141 + 182 + 212 + 230 & 788 &:= 3^4 + 13^1 + 17^1 + 19^0 + 26^2 = 34 + 131 + 171 + 190 + 262 \\ 788 &:= 2^3 + 18^1 + 19^0 + 19^2 + 20^2 = 23 + 181 + 190 + 192 + 202 & 788 &:= 3^4 + 14^1 + 16^1 + 19^0 + 26^2 = 34 + 141 + 161 + 190 + 262 \\ 788 &:= 2^3 + 5^2 + 19^0 + 25^1 + 27^2 = 23 + 52 + 190 + 251 + 272 & 788 &:= 3^4 + 15^1 + 15^1 + 19^0 + 26^2 = 34 + 151 + 151 + 190 + 262 \\ 788 &:= 2^3 + 9^2 + 19^0 + 22^1 + 26^2 = 23 + 92 + 190 + 221 + 262 & 788 &:= 3^4 + 4^1 + 19^0 + 26^1 + 26^2 = 34 + 41 + 190 + 261 + 262 \\ 788 &:= 2^3 + 9^3 + 17^0 + 23^1 + 27^1 = 23 + 93 + 170 + 231 + 271 & 788 &:= 3^4 + 5^1 + 19^0 + 25^1 + 26^2 = 34 + 51 + 190 + 251 + 262 \\ 788 &:= 2^3 + 9^3 + 17^0 + 24^1 + 26^1 = 23 + 93 + 170 + 241 + 261 & 788 &:= 3^4 + 6^1 + 19^0 + 24^1 + 26^2 = 34 + 61 + 190 + 241 + 262 \\ 788 &:= 2^3 + 9^3 + 17^0 + 25^1 + 25^1 = 23 + 93 + 170 + 251 + 251 & 788 &:= 3^4 + 7^1 + 19^0 + 23^1 + 26^2 = 34 + 71 + 190 + 231 + 262 \\ 788 &:= 2^4 + 7^0 + 15^1 + 27^1 + 27^2 = 24 + 70 + 151 + 271 + 272 & 788 &:= 3^4 + 8^1 + 19^0 + 22^1 + 26^2 = 34 + 81 + 190 + 221 + 262 \\ 788 &:= 2^4 + 7^0 + 16^1 + 26^1 + 27^2 = 24 + 70 + 161 + 261 + 272 & 788 &:= 3^4 + 9^1 + 19^0 + 21^1 + 26^2 = 34 + 91 + 190 + 211 + 262 \\ 788 &:= 2^4 + 7^0 + 17^1 + 25^1 + 27^2 = 24 + 70 + 171 + 251 + 272 & 788 &:= 3^5 + 11^0 + 14^1 + 23^2 + 27^0 = 35 + 110 + 141 + 232 + 270 \\ 788 &:= 2^4 + 7^0 + 18^1 + 24^1 + 27^2 = 24 + 70 + 181 + 241 + 272 & 788 &:= 3^5 + 12^0 + 14^1 + 23^2 + 26^0 = 35 + 120 + 141 + 232 + 260 \\ 788 &:= 2^4 + 7^0 + 19^1 + 23^1 + 27^2 = 24 + 70 + 191 + 231 + 272 & 788 &:= 3^5 + 13^0 + 14^1 + 23^2 + 25^0 = 35 + 130 + 141 + 232 + 250 \\ 788 &:= 2^4 + 7^0 + 20^1 + 22^1 + 27^2 = 24 + 70 + 201 + 221 + 272 & 788 &:= 3^5 + 14^0 + 14^1 + 23^2 + 24^0 = 35 + 140 + 141 + 232 + 240 \\ 788 &:= 2^4 + 7^0 + 21^1 + 21^1 + 27^2 = 24 + 70 + 211 + 211 + 272 & 788 &:= 3^5 + 14^1 + 15^0 + 23^0 + 23^2 = 35 + 141 + 150 + 230 + 232 \\ 788 &:= 2^5 + 10^0 + 14^0 + 25^1 + 27^2 = 25 + 100 + 140 + 251 + 272 & 788 &:= 3^5 + 14^1 + 16^0 + 22^0 + 23^2 = 35 + 141 + 160 + 220 + 232 \\ 788 &:= 2^5 + 11^0 + 13^0 + 25^1 + 27^2 = 25 + 110 + 130 + 251 + 272 & 788 &:= 3^5 + 14^1 + 17^0 + 21^0 + 23^2 = 35 + 141 + 170 + 210 + 232 \\ 788 &:= 2^5 + 12^0 + 12^0 + 25^1 + 27^2 = 25 + 120 + 120 + 251 + 272 & 788 &:= 3^5 + 14^1 + 18^0 + 20^0 + 23^2 = 35 + 141 + 180 + 200 + 232 \\ 788 &:= 2^5 + 3^0 + 21^0 + 25^1 + 27^2 = 25 + 30 + 210 + 251 + 272 & 788 &:= 3^5 + 14^1 + 19^0 + 19^0 + 23^2 = 35 + 141 + 190 + 190 + 232 \\ 788 &:= 2^5 + 4^0 + 20^0 + 25^1 + 27^2 = 25 + 40 + 200 + 251 + 272 & 788 &:= 4^1 + 12^2 + 17^2 + 18^2 + 27^1 = 41 + 122 + 172 + 182 + 271 \\ 788 &:= 2^5 + 5^0 + 19^0 + 25^1 + 27^2 = 25 + 50 + 190 + 251 + 272 & 788 &:= 4^1 + 4^3 + 17^1 + 26^2 + 27^1 = 41 + 43 + 171 + 262 + 271 \\ 788 &:= 2^5 + 6^0 + 18^0 + 25^1 + 27^2 = 25 + 60 + 180 + 251 + 272 & 788 &:= 4^1 + 4^3 + 18^1 + 26^1 + 26^2 = 41 + 43 + 181 + 261 + 262 \\ 788 &:= 2^5 + 7^0 + 17^0 + 25^1 + 27^2 = 25 + 70 + 170 + 251 + 272 & 788 &:= 4^1 + 4^3 + 19^1 + 25^1 + 26^2 = 41 + 43 + 191 + 251 + 262 \\ 788 &:= 2^5 + 8^0 + 16^0 + 25^1 + 27^2 = 25 + 80 + 160 + 251 + 272 & 788 &:= 4^1 + 4^3 + 20^1 + 24^1 + 26^2 = 41 + 43 + 201 + 241 + 262 \\ 788 &:= 2^5 + 9^0 + 15^0 + 25^1 + 27^2 = 25 + 90 + 150 + 251 + 272 & 788 &:= 4^1 + 4^3 + 21^1 + 23^1 + 26^2 = 41 + 43 + 211 + 231 + 262 \end{aligned}$$

$$\begin{aligned} 788 &:= 4^1 + 4^3 + 22^1 + 22^1 + 26^2 = 41 + 43 + 221 + 221 + 262 & 788 &:= 4^3 + 14^1 + 15^2 + 22^2 + 23^0 = 43 + 141 + 152 + 222 + 230 \\ 788 &:= 4^2 + 11^2 + 17^2 + 19^2 + 27^0 = 42 + 112 + 172 + 192 + 270 & 788 &:= 4^3 + 14^1 + 16^1 + 18^1 + 26^2 = 43 + 141 + 161 + 181 + 262 \\ 788 &:= 4^2 + 5^3 + 21^1 + 23^0 + 25^2 = 42 + 53 + 211 + 230 + 252 & 788 &:= 4^3 + 14^1 + 17^1 + 17^1 + 26^2 = 43 + 141 + 171 + 171 + 262 \\ 788 &:= 4^2 + 6^3 + 19^0 + 23^2 + 26^1 = 42 + 63 + 190 + 232 + 261 & 788 &:= 4^3 + 15^1 + 15^1 + 18^1 + 26^2 = 43 + 151 + 151 + 181 + 262 \\ 788 &:= 4^3 + 10^1 + 11^1 + 26^2 + 27^1 = 43 + 101 + 111 + 262 + 271 & 788 &:= 4^3 + 15^1 + 16^1 + 17^1 + 26^2 = 43 + 151 + 161 + 171 + 262 \\ 788 &:= 4^3 + 10^1 + 12^1 + 26^1 + 26^2 = 43 + 101 + 121 + 261 + 262 & 788 &:= 4^3 + 16^1 + 16^1 + 16^1 + 26^2 = 43 + 161 + 161 + 161 + 262 \\ 788 &:= 4^3 + 10^1 + 13^1 + 25^1 + 26^2 = 43 + 101 + 131 + 251 + 262 & 788 &:= 4^3 + 5^1 + 16^1 + 26^2 + 27^1 = 43 + 51 + 161 + 262 + 271 \\ 788 &:= 4^3 + 10^1 + 14^1 + 24^1 + 26^2 = 43 + 101 + 141 + 241 + 262 & 788 &:= 4^3 + 5^1 + 17^1 + 26^1 + 26^2 = 43 + 51 + 171 + 261 + 262 \\ 788 &:= 4^3 + 10^1 + 15^1 + 23^1 + 26^2 = 43 + 101 + 151 + 231 + 262 & 788 &:= 4^3 + 5^1 + 18^1 + 25^1 + 26^2 = 43 + 51 + 181 + 251 + 262 \\ 788 &:= 4^3 + 10^1 + 16^1 + 22^1 + 26^2 = 43 + 101 + 161 + 221 + 262 & 788 &:= 4^3 + 5^1 + 19^1 + 24^1 + 26^2 = 43 + 51 + 191 + 241 + 262 \\ 788 &:= 4^3 + 10^1 + 17^1 + 21^1 + 26^2 = 43 + 101 + 171 + 211 + 262 & 788 &:= 4^3 + 5^1 + 20^1 + 23^1 + 26^2 = 43 + 51 + 201 + 231 + 262 \\ 788 &:= 4^3 + 10^1 + 18^1 + 20^1 + 26^2 = 43 + 101 + 181 + 201 + 262 & 788 &:= 4^3 + 5^1 + 21^1 + 22^1 + 26^2 = 43 + 51 + 211 + 221 + 262 \\ 788 &:= 4^3 + 10^1 + 19^1 + 19^1 + 26^2 = 43 + 101 + 191 + 191 + 262 & 788 &:= 4^3 + 5^2 + 21^0 + 22^1 + 26^2 = 43 + 52 + 210 + 221 + 262 \\ 788 &:= 4^3 + 11^0 + 16^2 + 21^2 + 26^1 = 43 + 110 + 162 + 212 + 261 & 788 &:= 4^3 + 6^1 + 15^1 + 26^2 + 27^1 = 43 + 61 + 151 + 262 + 271 \\ 788 &:= 4^3 + 11^1 + 11^1 + 26^1 + 26^2 = 43 + 111 + 111 + 261 + 262 & 788 &:= 4^3 + 6^1 + 16^1 + 26^1 + 26^2 = 43 + 61 + 161 + 261 + 262 \\ 788 &:= 4^3 + 11^1 + 12^1 + 25^1 + 26^2 = 43 + 111 + 121 + 251 + 262 & 788 &:= 4^3 + 6^1 + 17^1 + 25^1 + 26^2 = 43 + 61 + 171 + 251 + 262 \\ 788 &:= 4^3 + 11^1 + 13^1 + 24^1 + 26^2 = 43 + 111 + 131 + 241 + 262 & 788 &:= 4^3 + 6^1 + 18^1 + 24^1 + 26^2 = 43 + 61 + 181 + 241 + 262 \\ 788 &:= 4^3 + 11^1 + 14^1 + 23^1 + 26^2 = 43 + 111 + 141 + 231 + 262 & 788 &:= 4^3 + 6^1 + 19^1 + 23^1 + 26^2 = 43 + 61 + 191 + 231 + 262 \\ 788 &:= 4^3 + 11^1 + 15^1 + 22^1 + 26^2 = 43 + 111 + 151 + 221 + 262 & 788 &:= 4^3 + 6^1 + 20^1 + 22^1 + 26^2 = 43 + 61 + 201 + 221 + 262 \\ 788 &:= 4^3 + 11^1 + 16^1 + 21^1 + 26^2 = 43 + 111 + 161 + 211 + 262 & 788 &:= 4^3 + 6^1 + 21^1 + 21^1 + 26^2 = 43 + 61 + 211 + 211 + 262 \\ 788 &:= 4^3 + 11^1 + 17^1 + 20^1 + 26^2 = 43 + 111 + 171 + 201 + 262 & 788 &:= 4^3 + 7^1 + 14^1 + 26^2 + 27^1 = 43 + 71 + 141 + 262 + 271 \\ 788 &:= 4^3 + 11^1 + 18^1 + 19^1 + 26^2 = 43 + 111 + 181 + 191 + 262 & 788 &:= 4^3 + 7^1 + 15^1 + 26^1 + 26^2 = 43 + 71 + 151 + 261 + 262 \\ 788 &:= 4^3 + 11^2 + 13^0 + 24^2 + 26^1 = 43 + 112 + 130 + 242 + 261 & 788 &:= 4^3 + 7^1 + 16^1 + 25^1 + 26^2 = 43 + 71 + 161 + 251 + 262 \\ 788 &:= 4^3 + 12^1 + 12^1 + 24^1 + 26^2 = 43 + 121 + 121 + 241 + 262 & 788 &:= 4^3 + 7^1 + 17^1 + 24^1 + 26^2 = 43 + 71 + 171 + 241 + 262 \\ 788 &:= 4^3 + 12^1 + 13^1 + 23^1 + 26^2 = 43 + 121 + 131 + 231 + 262 & 788 &:= 4^3 + 7^1 + 18^1 + 23^1 + 26^2 = 43 + 71 + 181 + 231 + 262 \\ 788 &:= 4^3 + 12^1 + 14^1 + 22^1 + 26^2 = 43 + 121 + 141 + 221 + 262 & 788 &:= 4^3 + 7^1 + 19^1 + 22^1 + 26^2 = 43 + 71 + 191 + 221 + 262 \\ 788 &:= 4^3 + 12^1 + 15^1 + 21^1 + 26^2 = 43 + 121 + 151 + 211 + 262 & 788 &:= 4^3 + 7^1 + 20^1 + 21^1 + 26^2 = 43 + 71 + 201 + 211 + 262 \\ 788 &:= 4^3 + 12^1 + 16^1 + 20^1 + 26^2 = 43 + 121 + 161 + 201 + 262 & 788 &:= 4^3 + 8^1 + 13^1 + 26^2 + 27^1 = 43 + 81 + 131 + 262 + 271 \\ 788 &:= 4^3 + 12^1 + 17^1 + 19^1 + 26^2 = 43 + 121 + 171 + 191 + 262 & 788 &:= 4^3 + 8^1 + 14^1 + 26^1 + 26^2 = 43 + 81 + 141 + 261 + 262 \\ 788 &:= 4^3 + 12^1 + 18^1 + 18^1 + 26^2 = 43 + 121 + 181 + 181 + 262 & 788 &:= 4^3 + 8^1 + 15^1 + 25^1 + 26^2 = 43 + 81 + 151 + 251 + 262 \\ 788 &:= 4^3 + 13^0 + 13^2 + 23^2 + 25^1 = 43 + 130 + 132 + 232 + 251 & 788 &:= 4^3 + 8^1 + 16^1 + 24^1 + 26^2 = 43 + 81 + 161 + 241 + 262 \\ 788 &:= 4^3 + 13^1 + 13^1 + 22^1 + 26^2 = 43 + 131 + 131 + 221 + 262 & 788 &:= 4^3 + 8^1 + 17^1 + 23^1 + 26^2 = 43 + 81 + 171 + 231 + 262 \\ 788 &:= 4^3 + 13^1 + 14^1 + 21^1 + 26^2 = 43 + 131 + 141 + 211 + 262 & 788 &:= 4^3 + 8^1 + 18^1 + 22^1 + 26^2 = 43 + 81 + 181 + 221 + 262 \\ 788 &:= 4^3 + 13^1 + 15^1 + 20^1 + 26^2 = 43 + 131 + 151 + 201 + 262 & 788 &:= 4^3 + 8^1 + 19^1 + 21^1 + 26^2 = 43 + 81 + 191 + 211 + 262 \\ 788 &:= 4^3 + 13^1 + 16^1 + 19^1 + 26^2 = 43 + 131 + 161 + 191 + 262 & 788 &:= 4^3 + 8^1 + 20^1 + 20^1 + 26^2 = 43 + 81 + 201 + 201 + 262 \\ 788 &:= 4^3 + 13^1 + 17^1 + 18^1 + 26^2 = 43 + 131 + 171 + 181 + 262 & 788 &:= 4^3 + 9^1 + 12^1 + 26^2 + 27^1 = 43 + 91 + 121 + 262 + 271 \\ 788 &:= 4^3 + 14^1 + 14^1 + 20^1 + 26^2 = 43 + 141 + 141 + 201 + 262 & 788 &:= 4^3 + 9^1 + 13^1 + 26^1 + 26^2 = 43 + 91 + 131 + 261 + 262 \\ 788 &:= 4^3 + 14^1 + 15^1 + 19^1 + 26^2 = 43 + 141 + 151 + 191 + 262 & 788 &:= 4^3 + 9^1 + 14^1 + 25^1 + 26^2 = 43 + 91 + 141 + 251 + 262 \end{aligned}$$

$$\begin{aligned}
 788 &:= 4^3 + 9^1 + 15^1 + 24^1 + 26^2 = 43 + 91 + 151 + 241 + 262 & 788 &:= 5^3 + 14^1 + 18^2 + 18^2 + 23^0 = 53 + 141 + 182 + 182 + 230 \\
 788 &:= 4^3 + 9^1 + 16^1 + 23^1 + 26^2 = 43 + 91 + 161 + 231 + 262 & 788 &:= 5^3 + 8^2 + 19^0 + 22^1 + 24^2 = 53 + 82 + 190 + 221 + 242 \\
 788 &:= 4^3 + 9^1 + 17^1 + 22^1 + 26^2 = 43 + 91 + 171 + 221 + 262 & 788 &:= 5^4 + 11^2 + 14^1 + 21^0 + 27^1 = 54 + 112 + 141 + 210 + 271 \\
 788 &:= 4^3 + 9^1 + 18^1 + 21^1 + 26^2 = 43 + 91 + 181 + 211 + 262 & 788 &:= 5^4 + 11^2 + 15^1 + 21^0 + 26^1 = 54 + 112 + 151 + 210 + 261 \\
 788 &:= 4^3 + 9^1 + 19^1 + 20^1 + 26^2 = 43 + 91 + 191 + 201 + 262 & 788 &:= 5^4 + 11^2 + 16^1 + 21^0 + 25^1 = 54 + 112 + 161 + 210 + 251 \\
 788 &:= 4^3 + 9^2 + 17^1 + 23^0 + 25^2 = 43 + 92 + 171 + 230 + 252 & 788 &:= 5^4 + 11^2 + 17^1 + 21^0 + 24^1 = 54 + 112 + 171 + 210 + 241 \\
 788 &:= 4^4 + 13^2 + 15^0 + 19^2 + 27^0 = 44 + 132 + 150 + 192 + 270 & 788 &:= 5^4 + 11^2 + 18^1 + 21^0 + 23^1 = 54 + 112 + 181 + 210 + 231 \\
 788 &:= 4^4 + 13^2 + 16^0 + 19^2 + 26^0 = 44 + 132 + 160 + 192 + 260 & 788 &:= 5^4 + 11^2 + 19^1 + 21^0 + 22^1 = 54 + 112 + 191 + 210 + 221 \\
 788 &:= 4^4 + 13^2 + 17^0 + 19^2 + 25^0 = 44 + 132 + 170 + 192 + 250 & 788 &:= 5^4 + 11^2 + 20^1 + 21^0 + 21^1 = 54 + 112 + 201 + 210 + 211 \\
 788 &:= 4^4 + 13^2 + 18^0 + 19^2 + 24^0 = 44 + 132 + 180 + 192 + 240 & 788 &:= 6^1 + 10^2 + 16^2 + 20^2 + 26^1 = 61 + 102 + 162 + 202 + 261 \\
 788 &:= 4^4 + 13^2 + 19^0 + 19^2 + 23^0 = 44 + 132 + 190 + 192 + 230 & 788 &:= 6^1 + 12^2 + 17^2 + 18^2 + 25^1 = 61 + 122 + 172 + 182 + 251 \\
 788 &:= 4^4 + 13^2 + 19^2 + 20^0 + 22^0 = 44 + 132 + 192 + 200 + 220 & 788 &:= 6^2 + 6^2 + 13^1 + 26^2 + 27^1 = 62 + 62 + 131 + 262 + 271 \\
 788 &:= 4^4 + 13^2 + 19^2 + 21^0 + 21^0 = 44 + 132 + 192 + 210 + 210 & 788 &:= 6^2 + 6^2 + 14^1 + 26^1 + 26^2 = 62 + 62 + 141 + 261 + 262 \\
 788 &:= 4^4 + 5^0 + 20^1 + 22^2 + 27^1 = 44 + 50 + 201 + 222 + 271 & 788 &:= 6^2 + 6^2 + 15^1 + 25^1 + 26^2 = 62 + 62 + 151 + 251 + 262 \\
 788 &:= 4^4 + 5^0 + 21^1 + 22^2 + 26^1 = 44 + 50 + 211 + 222 + 261 & 788 &:= 6^2 + 6^2 + 16^1 + 24^1 + 26^2 = 62 + 62 + 161 + 241 + 262 \\
 788 &:= 4^4 + 5^0 + 22^1 + 22^2 + 25^1 = 44 + 50 + 221 + 222 + 251 & 788 &:= 6^2 + 6^2 + 17^1 + 23^1 + 26^2 = 62 + 62 + 171 + 231 + 262 \\
 788 &:= 4^4 + 5^0 + 22^2 + 23^1 + 24^1 = 44 + 50 + 222 + 231 + 241 & 788 &:= 6^2 + 6^2 + 18^1 + 22^1 + 26^2 = 62 + 62 + 181 + 221 + 262 \\
 788 &:= 4^4 + 8^3 + 18^1 + 21^0 + 27^0 = 44 + 83 + 181 + 210 + 270 & 788 &:= 6^2 + 6^2 + 19^1 + 21^1 + 26^2 = 62 + 62 + 191 + 211 + 262 \\
 788 &:= 4^4 + 8^3 + 18^1 + 22^0 + 26^0 = 44 + 83 + 181 + 220 + 260 & 788 &:= 6^2 + 6^2 + 20^1 + 20^1 + 26^2 = 62 + 62 + 201 + 201 + 262 \\
 788 &:= 4^4 + 8^3 + 18^1 + 23^0 + 25^0 = 44 + 83 + 181 + 230 + 250 & 788 &:= 6^3 + 12^2 + 13^0 + 20^2 + 27^1 = 63 + 122 + 130 + 202 + 271 \\
 788 &:= 4^4 + 8^3 + 18^1 + 24^0 + 24^0 = 44 + 83 + 181 + 240 + 240 & 788 &:= 6^3 + 13^0 + 16^2 + 17^2 + 26^1 = 63 + 130 + 162 + 172 + 261 \\
 788 &:= 5^1 + 10^2 + 16^2 + 20^2 + 27^1 = 51 + 102 + 162 + 202 + 271 & 788 &:= 6^3 + 14^1 + 14^2 + 19^2 + 25^0 = 63 + 141 + 142 + 192 + 250 \\
 788 &:= 5^1 + 12^2 + 17^2 + 18^2 + 26^1 = 51 + 122 + 172 + 182 + 261 & 788 &:= 6^3 + 15^2 + 17^0 + 18^2 + 22^1 = 63 + 152 + 170 + 182 + 221 \\
 788 &:= 5^2 + 10^2 + 11^1 + 25^2 + 27^1 = 52 + 102 + 111 + 252 + 271 & 788 &:= 6^3 + 8^2 + 19^0 + 22^2 + 23^1 = 63 + 82 + 190 + 222 + 231 \\
 788 &:= 5^2 + 10^2 + 12^1 + 25^2 + 26^1 = 52 + 102 + 121 + 252 + 261 & 788 &:= 7^1 + 10^2 + 16^2 + 20^2 + 25^1 = 71 + 102 + 162 + 202 + 251 \\
 788 &:= 5^2 + 10^2 + 13^1 + 25^1 + 25^2 = 52 + 102 + 131 + 251 + 252 & 788 &:= 7^1 + 12^2 + 17^2 + 18^2 + 24^1 = 71 + 122 + 172 + 182 + 241 \\
 788 &:= 5^2 + 10^2 + 14^1 + 24^1 + 25^2 = 52 + 102 + 141 + 241 + 252 & 788 &:= 7^1 + 9^2 + 12^2 + 23^2 + 27^1 = 71 + 92 + 122 + 232 + 271 \\
 788 &:= 5^2 + 10^2 + 15^1 + 23^1 + 25^2 = 52 + 102 + 151 + 231 + 252 & 788 &:= 7^2 + 11^2 + 16^2 + 19^2 + 25^0 = 72 + 112 + 162 + 192 + 250 \\
 788 &:= 5^2 + 10^2 + 16^1 + 22^1 + 25^2 = 52 + 102 + 161 + 221 + 252 & 788 &:= 7^2 + 13^2 + 13^2 + 20^2 + 25^0 = 72 + 132 + 132 + 202 + 250 \\
 788 &:= 5^2 + 10^2 + 17^1 + 21^1 + 25^2 = 52 + 102 + 171 + 211 + 252 & 788 &:= 7^2 + 7^2 + 17^2 + 20^2 + 27^0 = 72 + 72 + 172 + 202 + 270 \\
 788 &:= 5^2 + 10^2 + 18^1 + 20^1 + 25^2 = 52 + 102 + 181 + 201 + 252 & 788 &:= 7^3 + 10^2 + 18^2 + 20^1 + 23^0 = 73 + 102 + 182 + 201 + 230 \\
 788 &:= 5^2 + 10^2 + 19^1 + 19^1 + 25^2 = 52 + 102 + 191 + 191 + 252 & 788 &:= 7^3 + 13^2 + 16^2 + 19^1 + 23^0 = 73 + 132 + 162 + 191 + 230 \\
 788 &:= 5^2 + 6^3 + 17^1 + 23^2 + 27^0 = 52 + 63 + 171 + 232 + 270 & 788 &:= 7^3 + 14^2 + 15^2 + 19^0 + 23^1 = 73 + 142 + 152 + 190 + 231 \\
 788 &:= 5^2 + 7^3 + 19^1 + 20^2 + 27^0 = 52 + 73 + 191 + 202 + 270 & 788 &:= 7^3 + 7^3 + 10^2 + 27^0 + 27^0 = 73 + 73 + 102 + 270 + 270 \\
 788 &:= 5^2 + 8^3 + 15^2 + 25^0 + 25^1 = 52 + 83 + 152 + 250 + 251 & 788 &:= 7^3 + 8^2 + 19^1 + 19^2 + 25^0 = 73 + 82 + 191 + 192 + 250 \\
 788 &:= 5^3 + 11^2 + 12^1 + 23^2 + 27^0 = 53 + 112 + 121 + 232 + 270 & 788 &:= 8^1 + 10^2 + 16^2 + 20^2 + 24^1 = 81 + 102 + 162 + 202 + 241 \\
 788 &:= 5^3 + 12^1 + 17^2 + 19^2 + 25^0 = 53 + 121 + 172 + 192 + 250 & 788 &:= 8^1 + 12^2 + 17^2 + 18^2 + 23^1 = 81 + 122 + 172 + 182 + 231 \\
 788 &:= 5^3 + 13^0 + 14^2 + 21^2 + 25^1 = 53 + 130 + 142 + 212 + 251 & 788 &:= 8^1 + 9^2 + 12^2 + 23^2 + 26^1 = 81 + 92 + 122 + 232 + 261
 \end{aligned}$$

$$\begin{aligned}
 788 &:= 8^3 + 9^2 + 13^2 + 23^0 + 25^1 = 83 + 92 + 132 + 230 + 251 \\
 788 &:= 9^1 + 10^2 + 16^2 + 20^2 + 23^1 = 91 + 102 + 162 + 202 + 231 \\
 788 &:= 9^1 + 12^2 + 17^2 + 18^2 + 22^1 = 91 + 122 + 172 + 182 + 221 \\
 788 &:= 9^1 + 9^2 + 12^2 + 23^2 + 25^1 = 91 + 92 + 122 + 232 + 251 \\
 788 &:= 9^2 + 10^1 + 12^2 + 23^2 + 24^1 = 92 + 101 + 122 + 232 + 241 \\
 788 &:= 9^2 + 11^1 + 12^2 + 23^1 + 23^2 = 92 + 111 + 122 + 231 + 232 \\
 788 &:= 9^2 + 11^2 + 12^2 + 21^2 + 25^0 = 92 + 112 + 122 + 212 + 250 \\
 788 &:= 9^2 + 12^1 + 12^2 + 22^1 + 23^2 = 92 + 121 + 122 + 221 + 232
 \end{aligned}$$

$$\begin{aligned}
 788 &:= 9^2 + 12^2 + 13^1 + 21^1 + 23^2 = 92 + 122 + 131 + 211 + 232 \\
 788 &:= 9^2 + 12^2 + 14^1 + 20^1 + 23^2 = 92 + 122 + 141 + 201 + 232 \\
 788 &:= 9^2 + 12^2 + 15^1 + 19^1 + 23^2 = 92 + 122 + 151 + 191 + 232 \\
 788 &:= 9^2 + 12^2 + 16^1 + 18^1 + 23^2 = 92 + 122 + 161 + 181 + 232 \\
 788 &:= 9^2 + 12^2 + 17^1 + 17^1 + 23^2 = 92 + 122 + 171 + 171 + 232 \\
 788 &:= 9^2 + 15^2 + 15^2 + 16^2 + 23^0 = 92 + 152 + 152 + 162 + 230 \\
 788 &:= 9^2 + 9^2 + 15^2 + 20^2 + 25^0 = 92 + 92 + 152 + 202 + 250
 \end{aligned}$$

2.2.690 Number 789

$$\begin{aligned}
 789 &:= 1^2 + 3^6 + 16^0 + 58^1 = 12 + 36 + 160 + 581 \\
 789 &:= 1^5 + 9^3 + 10^0 + 58^1 = 15 + 93 + 100 + 581 \\
 789 &:= 1^6 + 3^1 + 28^2 + 46^0 = 16 + 31 + 282 + 460 \\
 789 &:= 2^0 + 2^6 + 26^2 + 48^1 = 20 + 26 + 262 + 481 \\
 789 &:= 2^2 + 3^6 + 18^0 + 55^1 = 22 + 36 + 180 + 551 \\
 789 &:= 2^5 + 9^3 + 27^1 + 40^0 = 25 + 93 + 271 + 400 \\
 789 &:= 3^2 + 3^6 + 22^0 + 50^1 = 32 + 36 + 220 + 501 \\
 789 &:= 3^5 + 16^2 + 17^2 + 42^0 = 35 + 162 + 172 + 420 \\
 789 &:= 3^5 + 4^2 + 23^2 + 48^0 = 35 + 42 + 232 + 480 \\
 789 &:= 3^5 + 8^3 + 33^1 + 34^0 = 35 + 83 + 331 + 340 \\
 789 &:= 3^6 + 4^2 + 28^0 + 43^1 = 36 + 42 + 280 + 431 \\
 789 &:= 3^6 + 5^2 + 34^1 + 36^0 = 36 + 52 + 341 + 360 \\
 789 &:= 3^6 + 6^2 + 23^1 + 46^0 = 36 + 62 + 231 + 460 \\
 789 &:= 3^6 + 7^2 + 10^1 + 58^0 = 36 + 72 + 101 + 580 \\
 789 &:= 1^1 + 2^5 + 22^0 + 26^1 + 27^2 = 11 + 25 + 220 + 261 + 272 \\
 789 &:= 1^4 + 12^0 + 19^2 + 20^2 + 26^1 = 14 + 120 + 192 + 202 + 261 \\
 789 &:= 1^4 + 12^2 + 18^1 + 22^0 + 25^2 = 14 + 122 + 181 + 220 + 252 \\
 789 &:= 1^4 + 14^1 + 17^2 + 22^2 + 24^0 = 14 + 141 + 172 + 222 + 240 \\
 789 &:= 1^4 + 14^2 + 15^1 + 24^0 + 24^2 = 14 + 142 + 151 + 240 + 242 \\
 789 &:= 1^4 + 16^0 + 18^2 + 21^2 + 22^1 = 14 + 160 + 182 + 212 + 221 \\
 789 &:= 1^4 + 6^2 + 22^0 + 22^1 + 27^2 = 14 + 62 + 220 + 221 + 272 \\
 789 &:= 1^9 + 2^6 + 21^1 + 26^2 + 27^1 = 19 + 26 + 211 + 262 + 271 \\
 789 &:= 1^9 + 2^6 + 22^1 + 26^1 + 26^2 = 19 + 26 + 221 + 261 + 262 \\
 789 &:= 1^9 + 2^6 + 23^1 + 25^1 + 26^2 = 19 + 26 + 231 + 251 + 262 \\
 789 &:= 1^9 + 2^6 + 24^1 + 24^1 + 26^2 = 19 + 26 + 241 + 241 + 262 \\
 789 &:= 2^1 + 2^5 + 22^0 + 25^1 + 27^2 = 21 + 25 + 220 + 251 + 272 \\
 789 &:= 2^2 + 3^4 + 20^0 + 26^2 + 27^1 = 22 + 34 + 200 + 262 + 271
 \end{aligned}$$

$$\begin{aligned}
 789 &:= 2^3 + 3^3 + 22^0 + 24^1 + 27^2 = 23 + 33 + 220 + 241 + 272 \\
 789 &:= 2^4 + 11^1 + 19^2 + 20^2 + 26^0 = 24 + 111 + 192 + 202 + 260 \\
 789 &:= 2^4 + 11^2 + 14^0 + 25^2 + 26^1 = 24 + 112 + 140 + 252 + 261 \\
 789 &:= 2^4 + 12^0 + 13^2 + 24^2 + 27^1 = 24 + 120 + 132 + 242 + 271 \\
 789 &:= 2^4 + 15^2 + 18^1 + 20^0 + 23^2 = 24 + 152 + 181 + 200 + 232 \\
 789 &:= 2^4 + 4^2 + 18^0 + 27^1 + 27^2 = 24 + 42 + 180 + 271 + 272 \\
 789 &:= 2^4 + 5^2 + 18^1 + 26^0 + 27^2 = 24 + 52 + 181 + 260 + 272 \\
 789 &:= 2^4 + 9^2 + 15^1 + 26^0 + 26^2 = 24 + 92 + 151 + 260 + 262 \\
 789 &:= 2^4 + 9^3 + 16^1 + 24^0 + 27^1 = 24 + 93 + 161 + 240 + 271 \\
 789 &:= 2^4 + 9^3 + 17^1 + 24^0 + 26^1 = 24 + 93 + 171 + 240 + 261 \\
 789 &:= 2^4 + 9^3 + 18^1 + 24^0 + 25^1 = 24 + 93 + 181 + 240 + 251 \\
 789 &:= 2^4 + 9^3 + 19^1 + 24^0 + 24^1 = 24 + 93 + 191 + 240 + 241 \\
 789 &:= 2^4 + 9^3 + 20^1 + 23^1 + 24^0 = 24 + 93 + 201 + 231 + 240 \\
 789 &:= 2^4 + 9^3 + 21^1 + 22^1 + 24^0 = 24 + 93 + 211 + 221 + 240 \\
 789 &:= 2^5 + 10^1 + 17^1 + 22^0 + 27^2 = 25 + 101 + 171 + 220 + 272 \\
 789 &:= 2^5 + 11^1 + 16^1 + 22^0 + 27^2 = 25 + 111 + 161 + 220 + 272 \\
 789 &:= 2^5 + 12^1 + 15^1 + 22^0 + 27^2 = 25 + 121 + 151 + 220 + 272 \\
 789 &:= 2^5 + 13^1 + 14^1 + 22^0 + 27^2 = 25 + 131 + 141 + 220 + 272 \\
 789 &:= 2^5 + 3^1 + 22^0 + 24^1 + 27^2 = 25 + 31 + 220 + 241 + 272 \\
 789 &:= 2^5 + 4^1 + 22^0 + 23^1 + 27^2 = 25 + 41 + 220 + 231 + 272 \\
 789 &:= 2^5 + 5^1 + 22^0 + 22^1 + 27^2 = 25 + 51 + 220 + 221 + 272 \\
 789 &:= 2^5 + 6^1 + 21^1 + 22^0 + 27^2 = 25 + 61 + 211 + 220 + 272 \\
 789 &:= 2^5 + 7^1 + 20^1 + 22^0 + 27^2 = 25 + 71 + 201 + 220 + 272 \\
 789 &:= 2^5 + 8^1 + 19^1 + 22^0 + 27^2 = 25 + 81 + 191 + 220 + 272 \\
 789 &:= 2^5 + 9^1 + 18^1 + 22^0 + 27^2 = 25 + 91 + 181 + 220 + 272 \\
 789 &:= 2^5 + 9^3 + 14^0 + 26^1 + 27^0 = 25 + 93 + 140 + 261 + 270 \\
 789 &:= 2^5 + 9^3 + 15^0 + 26^0 + 26^1 = 25 + 93 + 150 + 260 + 261
 \end{aligned}$$

$$\begin{aligned} 789 &:= 2^5 + 9^3 + 16^0 + 25^0 + 26^1 = 25 + 93 + 160 + 250 + 261 \\ 789 &:= 2^5 + 9^3 + 17^0 + 24^0 + 26^1 = 25 + 93 + 170 + 240 + 261 \\ 789 &:= 2^5 + 9^3 + 18^0 + 23^0 + 26^1 = 25 + 93 + 180 + 230 + 261 \\ 789 &:= 2^5 + 9^3 + 19^0 + 22^0 + 26^1 = 25 + 93 + 190 + 220 + 261 \\ 789 &:= 2^5 + 9^3 + 20^0 + 21^0 + 26^1 = 25 + 93 + 200 + 210 + 261 \\ 789 &:= 3^2 + 3^4 + 22^1 + 24^0 + 26^2 = 32 + 34 + 221 + 240 + 262 \\ 789 &:= 3^3 + 4^3 + 21^1 + 24^0 + 26^2 = 33 + 43 + 211 + 240 + 262 \\ 789 &:= 3^4 + 12^0 + 14^2 + 22^2 + 27^1 = 34 + 120 + 142 + 222 + 271 \\ 789 &:= 3^4 + 16^0 + 18^2 + 19^2 + 22^1 = 34 + 160 + 182 + 192 + 221 \\ 789 &:= 3^4 + 17^2 + 18^1 + 20^0 + 20^2 = 34 + 172 + 181 + 200 + 202 \\ 789 &:= 3^4 + 8^2 + 18^1 + 24^0 + 25^2 = 34 + 82 + 181 + 240 + 252 \\ 789 &:= 3^5 + 12^2 + 16^0 + 20^2 + 27^0 = 35 + 122 + 160 + 202 + 270 \\ 789 &:= 3^5 + 12^2 + 17^0 + 20^2 + 26^0 = 35 + 122 + 170 + 202 + 260 \\ 789 &:= 3^5 + 12^2 + 18^0 + 20^2 + 25^0 = 35 + 122 + 180 + 202 + 250 \\ 789 &:= 3^5 + 12^2 + 19^0 + 20^2 + 24^0 = 35 + 122 + 190 + 202 + 240 \\ 789 &:= 3^5 + 12^2 + 20^0 + 20^2 + 23^0 = 35 + 122 + 200 + 202 + 230 \\ 789 &:= 3^5 + 12^2 + 20^2 + 21^0 + 22^0 = 35 + 122 + 202 + 210 + 220 \\ 789 &:= 3^6 + 10^1 + 16^0 + 22^1 + 27^1 = 36 + 101 + 160 + 221 + 271 \\ 789 &:= 3^6 + 10^1 + 16^0 + 23^1 + 26^1 = 36 + 101 + 160 + 231 + 261 \\ 789 &:= 3^6 + 10^1 + 16^0 + 24^1 + 25^1 = 36 + 101 + 160 + 241 + 251 \\ 789 &:= 3^6 + 11^1 + 16^0 + 21^1 + 27^1 = 36 + 111 + 160 + 211 + 271 \\ 789 &:= 3^6 + 11^1 + 16^0 + 22^1 + 26^1 = 36 + 111 + 160 + 221 + 261 \\ 789 &:= 3^6 + 11^1 + 16^0 + 23^1 + 25^1 = 36 + 111 + 160 + 231 + 251 \\ 789 &:= 3^6 + 11^1 + 16^0 + 24^1 + 24^1 = 36 + 111 + 160 + 241 + 241 \\ 789 &:= 3^6 + 12^1 + 16^0 + 20^1 + 27^1 = 36 + 121 + 160 + 201 + 271 \\ 789 &:= 3^6 + 12^1 + 16^0 + 21^1 + 26^1 = 36 + 121 + 160 + 211 + 261 \\ 789 &:= 3^6 + 12^1 + 16^0 + 22^1 + 25^1 = 36 + 121 + 160 + 221 + 251 \\ 789 &:= 3^6 + 12^1 + 16^0 + 23^1 + 24^1 = 36 + 121 + 160 + 231 + 241 \\ 789 &:= 3^6 + 13^1 + 16^0 + 19^1 + 27^1 = 36 + 131 + 160 + 191 + 271 \\ 789 &:= 3^6 + 13^1 + 16^0 + 20^1 + 26^1 = 36 + 131 + 160 + 201 + 261 \\ 789 &:= 3^6 + 13^1 + 16^0 + 21^1 + 25^1 = 36 + 131 + 160 + 211 + 251 \\ 789 &:= 3^6 + 13^1 + 16^0 + 22^1 + 24^1 = 36 + 131 + 160 + 221 + 241 \\ 789 &:= 3^6 + 13^1 + 16^0 + 23^1 + 23^1 = 36 + 131 + 160 + 231 + 231 \\ 789 &:= 3^6 + 14^1 + 16^0 + 18^1 + 27^1 = 36 + 141 + 160 + 181 + 271 \\ 789 &:= 3^6 + 14^1 + 16^0 + 19^1 + 26^1 = 36 + 141 + 160 + 191 + 261 \\ 789 &:= 3^6 + 14^1 + 16^0 + 20^1 + 25^1 = 36 + 141 + 160 + 201 + 251 \\ 789 &:= 3^6 + 14^1 + 16^0 + 21^1 + 24^1 = 36 + 141 + 160 + 211 + 241 \\ 789 &:= 3^6 + 14^1 + 16^0 + 22^1 + 23^1 = 36 + 141 + 160 + 221 + 231 \\ 789 &:= 3^6 + 15^1 + 16^0 + 17^1 + 27^1 = 36 + 151 + 160 + 171 + 271 \\ 789 &:= 3^6 + 15^1 + 16^0 + 18^1 + 26^1 = 36 + 151 + 160 + 181 + 261 \\ 789 &:= 3^6 + 15^1 + 16^0 + 19^1 + 25^1 = 36 + 151 + 160 + 191 + 251 \\ 789 &:= 3^6 + 15^1 + 16^0 + 20^1 + 24^1 = 36 + 151 + 160 + 201 + 241 \\ 789 &:= 3^6 + 15^1 + 16^0 + 21^1 + 23^1 = 36 + 151 + 160 + 211 + 231 \\ 789 &:= 3^6 + 16^0 + 16^1 + 16^1 + 27^1 = 36 + 160 + 161 + 161 + 271 \\ 789 &:= 3^6 + 16^0 + 16^1 + 17^1 + 26^1 = 36 + 160 + 161 + 171 + 261 \\ 789 &:= 3^6 + 16^0 + 16^1 + 18^1 + 25^1 = 36 + 160 + 161 + 181 + 251 \\ 789 &:= 3^6 + 16^0 + 16^1 + 19^1 + 24^1 = 36 + 160 + 161 + 191 + 241 \\ 789 &:= 3^6 + 16^0 + 16^1 + 20^1 + 23^1 = 36 + 160 + 161 + 201 + 231 \\ 789 &:= 3^6 + 16^0 + 16^1 + 21^1 + 22^1 = 36 + 160 + 161 + 211 + 221 \\ 789 &:= 3^6 + 16^0 + 17^1 + 17^1 + 25^1 = 36 + 160 + 171 + 171 + 251 \\ 789 &:= 3^6 + 16^0 + 17^1 + 18^1 + 24^1 = 36 + 160 + 171 + 181 + 241 \\ 789 &:= 3^6 + 16^0 + 17^1 + 19^1 + 23^1 = 36 + 160 + 171 + 191 + 231 \\ 789 &:= 3^6 + 16^0 + 17^1 + 20^1 + 22^1 = 36 + 160 + 171 + 201 + 221 \\ 789 &:= 3^6 + 16^0 + 17^1 + 21^1 + 21^1 = 36 + 160 + 171 + 211 + 211 \\ 789 &:= 3^6 + 16^0 + 18^1 + 18^1 + 23^1 = 36 + 160 + 181 + 181 + 231 \\ 789 &:= 3^6 + 16^0 + 18^1 + 19^1 + 22^1 = 36 + 160 + 181 + 191 + 221 \\ 789 &:= 3^6 + 16^0 + 18^1 + 20^1 + 21^1 = 36 + 160 + 181 + 201 + 211 \\ 789 &:= 3^6 + 16^0 + 19^1 + 19^1 + 21^1 = 36 + 160 + 191 + 191 + 211 \\ 789 &:= 3^6 + 16^0 + 19^1 + 20^1 + 20^1 = 36 + 160 + 191 + 201 + 201 \\ 789 &:= 3^6 + 5^1 + 16^0 + 27^1 + 27^1 = 36 + 51 + 160 + 271 + 271 \\ 789 &:= 3^6 + 6^1 + 16^0 + 26^1 + 27^1 = 36 + 61 + 160 + 261 + 271 \\ 789 &:= 3^6 + 6^2 + 20^0 + 22^1 + 27^0 = 36 + 62 + 200 + 221 + 270 \\ 789 &:= 3^6 + 6^2 + 21^0 + 22^1 + 26^0 = 36 + 62 + 210 + 221 + 260 \\ 789 &:= 3^6 + 6^2 + 22^0 + 22^1 + 25^0 = 36 + 62 + 220 + 221 + 250 \\ 789 &:= 3^6 + 6^2 + 22^1 + 23^0 + 24^0 = 36 + 62 + 221 + 230 + 240 \\ 789 &:= 3^6 + 7^1 + 16^0 + 25^1 + 27^1 = 36 + 71 + 160 + 251 + 271 \\ 789 &:= 3^6 + 7^1 + 16^0 + 26^1 + 26^1 = 36 + 71 + 160 + 261 + 261 \\ 789 &:= 3^6 + 8^1 + 16^0 + 24^1 + 27^1 = 36 + 81 + 160 + 241 + 271 \\ 789 &:= 3^6 + 8^1 + 16^0 + 25^1 + 26^1 = 36 + 81 + 160 + 251 + 261 \\ 789 &:= 3^6 + 9^1 + 16^0 + 23^1 + 27^1 = 36 + 91 + 160 + 231 + 271 \\ 789 &:= 3^6 + 9^1 + 16^0 + 24^1 + 26^1 = 36 + 91 + 160 + 241 + 261 \\ 789 &:= 3^6 + 9^1 + 16^0 + 25^1 + 25^1 = 36 + 91 + 160 + 251 + 251 \\ 789 &:= 4^3 + 5^3 + 22^0 + 23^1 + 24^2 = 43 + 53 + 220 + 231 + 242 \\ 789 &:= 4^3 + 6^3 + 22^0 + 22^2 + 24^1 = 43 + 63 + 220 + 222 + 241 \\ 789 &:= 4^4 + 12^2 + 16^0 + 19^2 + 27^1 = 44 + 122 + 160 + 192 + 271 \end{aligned}$$

$$789 := 4^4 + 15^2 + 17^2 + 18^1 + 24^0 = 44 + 152 + 172 + 181 + 240$$

$$789 := 4^4 + 16^2 + 16^2 + 20^1 + 22^0 = 44 + 162 + 162 + 201 + 220$$

$$789 := 4^4 + 5^2 + 22^2 + 23^1 + 24^0 = 44 + 52 + 222 + 231 + 240$$

$$789 := 4^4 + 8^2 + 18^0 + 21^2 + 27^1 = 44 + 82 + 180 + 212 + 271$$

2.2.691 Number 790

$$790 := 1^1 + 2^6 + 26^2 + 49^1 = 11 + 26 + 262 + 491$$

$$790 := 1^3 + 3^6 + 15^0 + 59^1 = 13 + 36 + 150 + 591$$

$$790 := 1^6 + 2^2 + 28^2 + 47^0 = 16 + 22 + 282 + 470$$

$$790 := 1^6 + 9^0 + 9^3 + 59^1 = 16 + 90 + 93 + 591$$

$$790 := 1^7 + 4^1 + 28^2 + 45^0 = 17 + 41 + 282 + 450$$

$$790 := 2^1 + 2^6 + 26^2 + 48^1 = 21 + 26 + 262 + 481$$

$$790 := 2^3 + 3^6 + 21^0 + 52^1 = 23 + 36 + 210 + 521$$

$$790 := 2^6 + 10^1 + 26^2 + 40^1 = 26 + 101 + 262 + 401$$

$$790 := 2^6 + 10^2 + 25^2 + 41^0 = 26 + 102 + 252 + 410$$

$$790 := 2^6 + 11^1 + 26^2 + 39^1 = 26 + 111 + 262 + 391$$

$$790 := 2^6 + 12^1 + 26^2 + 38^1 = 26 + 121 + 262 + 381$$

$$790 := 2^6 + 13^1 + 26^2 + 37^1 = 26 + 131 + 262 + 371$$

$$790 := 2^6 + 14^1 + 26^2 + 36^1 = 26 + 141 + 262 + 361$$

$$790 := 2^6 + 14^2 + 23^2 + 39^0 = 26 + 142 + 232 + 390$$

$$790 := 2^6 + 15^1 + 26^2 + 35^1 = 26 + 151 + 262 + 351$$

$$790 := 2^6 + 16^1 + 26^2 + 34^1 = 26 + 161 + 262 + 341$$

$$790 := 2^6 + 17^1 + 26^2 + 33^1 = 26 + 171 + 262 + 331$$

$$790 := 2^6 + 18^1 + 26^2 + 32^1 = 26 + 181 + 262 + 321$$

$$790 := 2^6 + 19^1 + 26^2 + 31^1 = 26 + 191 + 262 + 311$$

$$790 := 2^6 + 20^1 + 26^2 + 30^1 = 26 + 201 + 262 + 301$$

$$790 := 2^6 + 21^1 + 26^2 + 29^1 = 26 + 211 + 262 + 291$$

$$790 := 2^6 + 22^1 + 26^2 + 28^1 = 26 + 221 + 262 + 281$$

$$790 := 2^6 + 23^1 + 26^2 + 27^1 = 26 + 231 + 262 + 271$$

$$790 := 2^6 + 24^1 + 26^1 + 26^2 = 26 + 241 + 261 + 262$$

$$790 := 2^6 + 25^1 + 25^1 + 26^2 = 26 + 251 + 251 + 262$$

$$790 := 2^6 + 3^1 + 26^2 + 47^1 = 26 + 31 + 262 + 471$$

$$790 := 2^6 + 4^1 + 26^2 + 46^1 = 26 + 41 + 262 + 461$$

$$790 := 2^6 + 5^1 + 26^2 + 45^1 = 26 + 51 + 262 + 451$$

$$790 := 2^6 + 6^1 + 26^2 + 44^1 = 26 + 61 + 262 + 441$$

$$790 := 2^6 + 7^1 + 26^2 + 43^1 = 26 + 71 + 262 + 431$$

$$790 := 2^6 + 7^2 + 26^2 + 43^0 = 26 + 72 + 262 + 430$$

$$790 := 2^6 + 8^1 + 26^2 + 42^1 = 26 + 81 + 262 + 421$$

$$790 := 2^6 + 9^1 + 26^2 + 41^1 = 26 + 91 + 262 + 411$$

$$790 := 2^7 + 15^0 + 25^2 + 36^1 = 27 + 150 + 252 + 361$$

$$790 := 3^3 + 3^6 + 33^1 + 39^0 = 33 + 36 + 331 + 390$$

$$790 := 1^0 + 2^6 + 22^1 + 26^2 + 27^1 = 10 + 26 + 221 + 262 + 271$$

$$790 := 1^0 + 2^6 + 23^1 + 26^1 + 26^2 = 10 + 26 + 231 + 261 + 262$$

$$790 := 1^0 + 2^6 + 24^1 + 25^1 + 26^2 = 10 + 26 + 241 + 251 + 262$$

$$790 := 1^2 + 2^5 + 21^0 + 27^1 + 27^2 = 12 + 25 + 210 + 271 + 272$$

$$790 := 1^5 + 11^0 + 19^2 + 20^2 + 27^1 = 15 + 110 + 192 + 202 + 271$$

$$790 := 1^5 + 12^2 + 19^1 + 21^0 + 25^2 = 15 + 122 + 191 + 210 + 252$$

$$790 := 1^5 + 14^2 + 16^1 + 23^0 + 24^2 = 15 + 142 + 161 + 230 + 242$$

$$790 := 1^5 + 15^0 + 18^2 + 21^2 + 23^1 = 15 + 150 + 182 + 212 + 231$$

$$790 := 1^5 + 15^1 + 17^2 + 22^2 + 23^0 = 15 + 151 + 172 + 222 + 230$$

$$790 := 1^5 + 6^2 + 21^0 + 23^1 + 27^2 = 15 + 62 + 210 + 231 + 272$$

$$790 := 2^2 + 2^5 + 23^0 + 24^1 + 27^2 = 22 + 25 + 230 + 241 + 272$$

$$790 := 2^3 + 3^4 + 23^0 + 24^1 + 26^2 = 23 + 34 + 230 + 241 + 262$$

$$790 := 2^4 + 5^3 + 23^0 + 23^1 + 25^2 = 24 + 53 + 230 + 231 + 252$$

$$790 := 2^5 + 11^0 + 17^2 + 21^2 + 27^1 = 25 + 110 + 172 + 212 + 271$$

$$790 := 2^5 + 12^1 + 13^2 + 24^2 + 27^0 = 25 + 121 + 132 + 242 + 270$$

$$790 := 2^5 + 16^2 + 17^1 + 21^0 + 22^2 = 25 + 162 + 171 + 210 + 222$$

$$790 := 2^5 + 3^2 + 19^1 + 27^0 + 27^2 = 25 + 32 + 191 + 270 + 272$$

$$790 := 2^5 + 3^3 + 19^0 + 27^0 + 27^2 = 25 + 33 + 190 + 270 + 272$$

$$790 := 2^5 + 3^3 + 20^0 + 26^0 + 27^2 = 25 + 33 + 200 + 260 + 272$$

$$790 := 2^5 + 3^3 + 21^0 + 25^0 + 27^2 = 25 + 33 + 210 + 250 + 272$$

$$790 := 2^5 + 3^3 + 22^0 + 24^0 + 27^2 = 25 + 33 + 220 + 240 + 272$$

$$790 := 2^5 + 3^3 + 23^0 + 23^0 + 27^2 = 25 + 33 + 230 + 230 + 272$$

$$790 := 2^5 + 8^2 + 17^1 + 25^0 + 26^2 = 25 + 82 + 171 + 250 + 262$$

$$790 := 2^6 + 11^0 + 18^2 + 20^2 + 27^0 = 26 + 110 + 182 + 202 + 270$$

$$790 := 2^6 + 12^0 + 18^2 + 20^2 + 26^0 = 26 + 120 + 182 + 202 + 260$$

$$790 := 2^6 + 13^0 + 18^2 + 20^2 + 25^0 = 26 + 130 + 182 + 202 + 250$$

$$790 := 2^6 + 14^0 + 18^2 + 20^2 + 24^0 = 26 + 140 + 182 + 202 + 240$$

$$790 := 2^6 + 15^0 + 18^2 + 20^2 + 23^0 = 26 + 150 + 182 + 202 + 230$$

$$790 := 2^6 + 16^0 + 18^2 + 20^2 + 22^0 = 26 + 160 + 182 + 202 + 220$$

$$790 := 2^6 + 17^0 + 18^2 + 20^2 + 21^0 = 26 + 170 + 182 + 202 + 210$$

$$790 := 2^6 + 18^0 + 18^2 + 20^0 + 20^2 = 26 + 180 + 182 + 200 + 202$$

$$\begin{aligned}
 790 &:= 2^6 + 18^2 + 19^0 + 19^0 + 20^2 = 26 + 182 + 190 + 190 + 202 \\
 790 &:= 3^2 + 3^6 + 21^0 + 24^1 + 27^1 = 32 + 36 + 210 + 241 + 271 \\
 790 &:= 3^2 + 3^6 + 21^0 + 25^1 + 26^1 = 32 + 36 + 210 + 251 + 261 \\
 790 &:= 3^3 + 4^4 + 22^1 + 22^2 + 27^0 = 33 + 44 + 221 + 222 + 270 \\
 790 &:= 3^4 + 4^3 + 19^1 + 25^2 + 27^0 = 34 + 43 + 191 + 252 + 270 \\
 790 &:= 3^4 + 8^3 + 13^2 + 27^0 + 27^1 = 34 + 83 + 132 + 270 + 271 \\
 790 &:= 3^5 + 11^2 + 19^0 + 20^2 + 25^1 = 35 + 112 + 190 + 202 + 251 \\
 790 &:= 3^5 + 13^2 + 16^1 + 19^2 + 27^0 = 35 + 132 + 161 + 192 + 270 \\
 790 &:= 3^5 + 14^2 + 17^0 + 18^2 + 26^1 = 35 + 142 + 170 + 182 + 261
 \end{aligned}$$

$$\begin{aligned}
 790 &:= 3^5 + 6^2 + 21^0 + 22^2 + 26^1 = 35 + 62 + 210 + 222 + 261 \\
 790 &:= 3^5 + 9^2 + 21^0 + 21^2 + 24^1 = 35 + 92 + 210 + 212 + 241 \\
 790 &:= 3^6 + 4^2 + 17^1 + 27^0 + 27^1 = 36 + 42 + 171 + 270 + 271 \\
 790 &:= 3^6 + 4^2 + 18^1 + 26^1 + 27^0 = 36 + 42 + 181 + 261 + 270 \\
 790 &:= 3^6 + 4^2 + 19^1 + 25^1 + 27^0 = 36 + 42 + 191 + 251 + 270 \\
 790 &:= 3^6 + 4^2 + 20^1 + 24^1 + 27^0 = 36 + 42 + 201 + 241 + 270 \\
 790 &:= 3^6 + 4^2 + 21^1 + 23^1 + 27^0 = 36 + 42 + 211 + 231 + 270 \\
 790 &:= 3^6 + 4^2 + 22^1 + 22^1 + 27^0 = 36 + 42 + 221 + 221 + 270
 \end{aligned}$$

2.2.692 Number 791

$$\begin{aligned}
 791 &:= 1^4 + 3^6 + 14^0 + 60^1 = 14 + 36 + 140 + 601 \\
 791 &:= 1^7 + 8^0 + 9^3 + 60^1 = 17 + 80 + 93 + 601 \\
 791 &:= 1^8 + 5^1 + 28^2 + 44^0 = 18 + 51 + 282 + 440 \\
 791 &:= 2^4 + 3^6 + 28^0 + 45^1 = 24 + 36 + 280 + 451 \\
 791 &:= 2^7 + 2^9 + 3^4 + 70^1 = 27 + 29 + 34 + 701 \\
 791 &:= 2^8 + 4^0 + 22^2 + 50^1 = 28 + 40 + 222 + 501 \\
 791 &:= 2^8 + 5^1 + 23^2 + 48^0 = 28 + 51 + 232 + 480 \\
 791 &:= 1^6 + 12^2 + 20^0 + 20^1 + 25^2 = 16 + 122 + 200 + 201 + 252 \\
 791 &:= 1^6 + 14^0 + 18^2 + 21^2 + 24^1 = 16 + 140 + 182 + 212 + 241 \\
 791 &:= 1^6 + 14^2 + 17^1 + 22^0 + 24^2 = 16 + 142 + 171 + 220 + 242 \\
 791 &:= 1^6 + 16^1 + 17^2 + 22^0 + 22^2 = 16 + 161 + 172 + 220 + 222 \\
 791 &:= 1^6 + 6^2 + 20^0 + 24^1 + 27^2 = 16 + 62 + 200 + 241 + 272 \\
 791 &:= 2^3 + 2^5 + 21^1 + 26^0 + 27^2 = 23 + 25 + 211 + 260 + 272 \\
 791 &:= 2^3 + 3^6 + 20^0 + 26^1 + 27^1 = 23 + 36 + 200 + 261 + 271 \\
 791 &:= 2^5 + 3^4 + 20^0 + 26^2 + 27^0 = 25 + 34 + 200 + 262 + 270 \\
 791 &:= 2^5 + 3^4 + 21^0 + 26^0 + 26^2 = 25 + 34 + 210 + 260 + 262 \\
 791 &:= 2^5 + 3^4 + 22^0 + 25^0 + 26^2 = 25 + 34 + 220 + 250 + 262 \\
 791 &:= 2^5 + 3^4 + 23^0 + 24^0 + 26^2 = 25 + 34 + 230 + 240 + 262 \\
 791 &:= 2^6 + 15^2 + 17^1 + 22^0 + 22^2 = 26 + 152 + 171 + 220 + 222 \\
 791 &:= 2^6 + 5^2 + 20^0 + 25^1 + 26^2 = 26 + 52 + 200 + 251 + 262
 \end{aligned}$$

$$\begin{aligned}
 791 &:= 2^6 + 9^2 + 20^1 + 22^0 + 25^2 = 26 + 92 + 201 + 220 + 252 \\
 791 &:= 2^7 + 10^1 + 14^0 + 25^2 + 27^1 = 27 + 101 + 140 + 252 + 271 \\
 791 &:= 2^7 + 11^1 + 14^0 + 25^2 + 26^1 = 27 + 111 + 140 + 252 + 261 \\
 791 &:= 2^7 + 12^1 + 14^0 + 25^1 + 25^2 = 27 + 121 + 140 + 251 + 252 \\
 791 &:= 2^7 + 13^1 + 14^0 + 24^1 + 25^2 = 27 + 131 + 140 + 241 + 252 \\
 791 &:= 2^7 + 14^0 + 14^1 + 23^1 + 25^2 = 27 + 140 + 141 + 231 + 252 \\
 791 &:= 2^7 + 14^0 + 15^1 + 22^1 + 25^2 = 27 + 140 + 151 + 221 + 252 \\
 791 &:= 2^7 + 14^0 + 16^1 + 21^1 + 25^2 = 27 + 140 + 161 + 211 + 252 \\
 791 &:= 2^7 + 14^0 + 17^1 + 20^1 + 25^2 = 27 + 140 + 171 + 201 + 252 \\
 791 &:= 2^7 + 14^0 + 18^1 + 19^1 + 25^2 = 27 + 140 + 181 + 191 + 252 \\
 791 &:= 2^7 + 6^2 + 18^0 + 25^2 + 27^0 = 27 + 62 + 180 + 252 + 270 \\
 791 &:= 2^7 + 6^2 + 19^0 + 25^2 + 26^0 = 27 + 62 + 190 + 252 + 260 \\
 791 &:= 2^7 + 6^2 + 20^0 + 25^0 + 25^2 = 27 + 62 + 200 + 250 + 252 \\
 791 &:= 2^7 + 6^2 + 21^0 + 24^0 + 25^2 = 27 + 62 + 210 + 240 + 252 \\
 791 &:= 2^7 + 6^2 + 22^0 + 23^0 + 25^2 = 27 + 62 + 220 + 230 + 252 \\
 791 &:= 2^8 + 4^1 + 22^0 + 23^2 + 27^0 = 28 + 41 + 220 + 232 + 270 \\
 791 &:= 2^8 + 4^1 + 23^0 + 23^2 + 26^0 = 28 + 41 + 230 + 232 + 260 \\
 791 &:= 2^8 + 4^1 + 23^2 + 24^0 + 25^0 = 28 + 41 + 232 + 240 + 250
 \end{aligned}$$

2.2.693 Number 792

$$\begin{aligned}
 792 &:= 1^5 + 3^6 + 13^0 + 61^1 = 15 + 36 + 130 + 611 \\
 792 &:= 1^5 + 4^4 + 22^2 + 51^1 = 15 + 44 + 222 + 511 \\
 792 &:= 1^5 + 6^3 + 8^3 + 63^1 = 15 + 63 + 83 + 631 \\
 792 &:= 1^6 + 8^3 + 15^2 + 54^1 = 16 + 83 + 152 + 541
 \end{aligned}$$

$$\begin{aligned}
 792 &:= 1^7 + 4^2 + 27^2 + 46^1 = 17 + 42 + 272 + 461 \\
 792 &:= 1^8 + 7^0 + 9^3 + 61^1 = 18 + 70 + 93 + 611 \\
 792 &:= 1^9 + 6^1 + 28^2 + 43^0 = 19 + 61 + 282 + 430 \\
 792 &:= 2^5 + 3^6 + 30^1 + 43^0 = 25 + 36 + 301 + 430
 \end{aligned}$$

$$\begin{aligned}
 792 &:= 2^7 + 5^4 + 33^0 + 38^1 &= 27 + 54 + 330 + 381 & 792 &:= 2^6 + 16^1 + 17^2 + 20^2 + 23^1 = 26 + 161 + 172 + 202 + 231 \\
 792 &:= 2^8 + 8^3 + 23^1 + 45^0 &= 28 + 83 + 231 + 450 & 792 &:= 2^6 + 17^1 + 17^2 + 20^2 + 22^1 = 26 + 171 + 172 + 202 + 221 \\
 792 &:= 2^9 + 16^2 + 23^1 + 37^0 &= 29 + 162 + 231 + 370 & 792 &:= 2^6 + 17^2 + 18^1 + 20^2 + 21^1 = 26 + 172 + 181 + 202 + 211 \\
 792 &:= 2^9 + 7^0 + 15^2 + 54^1 &= 29 + 70 + 152 + 541 & 792 &:= 2^6 + 17^2 + 19^1 + 20^1 + 20^2 = 26 + 172 + 191 + 201 + 202 \\
 792 &:= 4^4 + 4^4 + 6^3 + 64^1 &= 44 + 44 + 63 + 641 & 792 &:= 2^6 + 3^3 + 23^0 + 24^1 + 26^2 = 26 + 33 + 230 + 241 + 262 \\
 792 &:= 1^4 + 4^4 + 22^2 + 24^1 + 27^1 &= 14 + 44 + 222 + 241 + 271 & 792 &:= 2^6 + 5^3 + 21^0 + 24^2 + 26^1 = 26 + 53 + 210 + 242 + 261 \\
 792 &:= 1^4 + 4^4 + 22^2 + 25^1 + 26^1 &= 14 + 44 + 222 + 251 + 261 & 792 &:= 2^6 + 6^3 + 21^0 + 22^2 + 27^1 = 26 + 63 + 210 + 222 + 271 \\
 792 &:= 1^5 + 8^3 + 15^2 + 27^1 + 27^1 &= 15 + 83 + 152 + 271 + 271 & 792 &:= 2^6 + 7^3 + 19^2 + 23^1 + 27^0 = 26 + 73 + 192 + 231 + 270 \\
 792 &:= 1^6 + 4^2 + 19^1 + 27^1 + 27^2 &= 16 + 42 + 191 + 271 + 272 & 792 &:= 2^7 + 13^1 + 17^2 + 19^2 + 27^0 = 27 + 131 + 172 + 192 + 270 \\
 792 &:= 1^6 + 4^2 + 20^1 + 26^1 + 27^2 &= 16 + 42 + 201 + 261 + 272 & 792 &:= 2^7 + 14^2 + 15^0 + 21^2 + 26^1 = 27 + 142 + 150 + 212 + 261 \\
 792 &:= 1^6 + 4^2 + 21^1 + 25^1 + 27^2 &= 16 + 42 + 211 + 251 + 272 & 792 &:= 2^7 + 15^1 + 18^2 + 18^2 + 25^0 = 27 + 151 + 182 + 182 + 250 \\
 792 &:= 1^6 + 4^2 + 22^1 + 24^1 + 27^2 &= 16 + 42 + 221 + 241 + 272 & 792 &:= 2^7 + 4^2 + 22^1 + 25^0 + 25^2 = 27 + 42 + 221 + 250 + 252 \\
 792 &:= 1^6 + 4^2 + 23^1 + 23^1 + 27^2 &= 16 + 42 + 231 + 231 + 272 & 792 &:= 2^7 + 8^2 + 21^0 + 23^1 + 24^2 = 27 + 82 + 210 + 231 + 242 \\
 792 &:= 1^7 + 10^2 + 14^1 + 26^2 + 27^0 &= 17 + 102 + 141 + 262 + 270 & 792 &:= 2^8 + 3^0 + 22^2 + 24^1 + 27^1 = 28 + 30 + 222 + 241 + 271 \\
 792 &:= 1^7 + 12^2 + 19^0 + 21^1 + 25^2 &= 17 + 122 + 190 + 211 + 252 & 792 &:= 2^8 + 3^0 + 22^2 + 25^1 + 26^1 = 28 + 30 + 222 + 251 + 261 \\
 792 &:= 1^7 + 13^0 + 18^2 + 21^2 + 25^1 &= 17 + 130 + 182 + 212 + 251 & 792 &:= 2^8 + 8^3 + 19^0 + 22^1 + 27^0 = 28 + 83 + 190 + 221 + 270 \\
 792 &:= 1^7 + 14^2 + 18^1 + 21^0 + 24^2 &= 17 + 142 + 181 + 210 + 242 & 792 &:= 2^8 + 8^3 + 20^0 + 22^1 + 26^0 = 28 + 83 + 200 + 221 + 260 \\
 792 &:= 1^7 + 17^1 + 17^2 + 21^0 + 22^2 &= 17 + 171 + 172 + 210 + 222 & 792 &:= 2^8 + 8^3 + 21^0 + 22^1 + 25^0 = 28 + 83 + 210 + 221 + 250 \\
 792 &:= 1^7 + 6^2 + 19^0 + 25^1 + 27^2 &= 17 + 62 + 190 + 251 + 272 & 792 &:= 2^8 + 8^3 + 22^0 + 22^1 + 24^0 = 28 + 83 + 220 + 221 + 240 \\
 792 &:= 2^2 + 2^6 + 21^1 + 26^2 + 27^1 &= 22 + 26 + 211 + 262 + 271 & 792 &:= 2^8 + 8^3 + 22^1 + 23^0 + 23^0 = 28 + 83 + 221 + 230 + 230 \\
 792 &:= 2^2 + 2^6 + 22^1 + 26^1 + 26^2 &= 22 + 26 + 221 + 261 + 262 & 792 &:= 2^9 + 11^0 + 16^2 + 22^1 + 27^0 = 29 + 110 + 162 + 221 + 270 \\
 792 &:= 2^2 + 2^6 + 23^1 + 25^1 + 26^2 &= 22 + 26 + 231 + 251 + 262 & 792 &:= 2^9 + 12^0 + 16^2 + 22^1 + 26^0 = 29 + 120 + 162 + 221 + 260 \\
 792 &:= 2^2 + 2^6 + 24^1 + 24^1 + 26^2 &= 22 + 26 + 241 + 241 + 262 & 792 &:= 2^9 + 13^0 + 16^2 + 22^1 + 25^0 = 29 + 130 + 162 + 221 + 250 \\
 792 &:= 2^4 + 3^6 + 19^1 + 27^0 + 27^1 &= 24 + 36 + 191 + 270 + 271 & 792 &:= 2^9 + 14^0 + 16^2 + 22^1 + 24^0 = 29 + 140 + 162 + 221 + 240 \\
 792 &:= 2^4 + 3^6 + 20^1 + 26^1 + 27^0 &= 24 + 36 + 201 + 261 + 270 & 792 &:= 2^9 + 15^0 + 16^2 + 22^1 + 23^0 = 29 + 150 + 162 + 221 + 230 \\
 792 &:= 2^4 + 3^6 + 21^1 + 25^1 + 27^0 &= 24 + 36 + 211 + 251 + 270 & 792 &:= 2^9 + 16^0 + 16^2 + 22^0 + 22^1 = 29 + 160 + 162 + 220 + 221 \\
 792 &:= 2^4 + 3^6 + 22^1 + 24^1 + 27^0 &= 24 + 36 + 221 + 241 + 270 & 792 &:= 2^9 + 16^2 + 17^0 + 21^0 + 22^1 = 29 + 162 + 170 + 210 + 221 \\
 792 &:= 2^4 + 3^6 + 23^1 + 23^1 + 27^0 &= 24 + 36 + 231 + 231 + 270 & 792 &:= 2^9 + 16^2 + 18^0 + 20^0 + 22^1 = 29 + 162 + 180 + 200 + 221 \\
 792 &:= 2^6 + 12^1 + 17^2 + 20^2 + 27^1 &= 26 + 121 + 172 + 202 + 271 & 792 &:= 2^9 + 16^2 + 19^0 + 19^0 + 22^1 = 29 + 162 + 190 + 190 + 221 \\
 792 &:= 2^6 + 13^1 + 17^2 + 20^2 + 26^1 &= 26 + 131 + 172 + 202 + 261 & 792 &:= 3^4 + 3^5 + 21^2 + 25^0 + 26^1 = 34 + 35 + 212 + 250 + 261 \\
 792 &:= 2^6 + 14^1 + 17^2 + 20^2 + 25^1 &= 26 + 141 + 172 + 202 + 251 \\
 792 &:= 2^6 + 15^1 + 17^2 + 20^2 + 24^1 &= 26 + 151 + 172 + 202 + 241
 \end{aligned}$$

2.2.694 Number 793

$$\begin{aligned}
 793 &:= 8^1 + 28^2 + 43^0 &= 81 + 282 + 430 & 793 &:= 2^0 + 7^1 + 28^2 + 42^0 &= 20 + 71 + 282 + 420 \\
 793 &:= 1^0 + 7^1 + 28^2 + 43^0 &= 10 + 71 + 282 + 430 & 793 &:= 2^9 + 6^0 + 6^3 + 64^1 &= 29 + 60 + 63 + 641 \\
 793 &:= 1^6 + 3^6 + 12^0 + 62^1 &= 16 + 36 + 120 + 621 & 793 &:= 3^0 + 7^1 + 28^2 + 41^0 &= 30 + 71 + 282 + 410 \\
 793 &:= 1^9 + 6^0 + 9^3 + 62^1 &= 19 + 60 + 93 + 621 & 793 &:= 4^0 + 7^1 + 28^2 + 40^0 &= 40 + 71 + 282 + 400
 \end{aligned}$$

$793 := 5^0 + 7^1 + 28^2 + 39^0$	$= 50 + 71 + 282 + 390$	$793 := 7^1 + 8^0 + 28^2 + 36^0$	$= 71 + 80 + 282 + 360$
$793 := 6^0 + 7^1 + 28^2 + 38^0$	$= 60 + 71 + 282 + 380$	$793 := 7^1 + 9^0 + 28^2 + 35^0$	$= 71 + 90 + 282 + 350$
$793 := 7^0 + 7^1 + 28^2 + 37^0$	$= 70 + 71 + 282 + 370$	$793 := 1^8 + 10^2 + 15^1 + 26^0 + 26^2$	$= 18 + 102 + 151 + 260 + 262$
$793 := 7^1 + 10^0 + 28^2 + 34^0$	$= 71 + 100 + 282 + 340$	$793 := 1^8 + 12^0 + 18^2 + 21^2 + 26^1$	$= 18 + 120 + 182 + 212 + 261$
$793 := 7^1 + 11^0 + 28^2 + 33^0$	$= 71 + 110 + 282 + 330$	$793 := 1^8 + 12^2 + 18^0 + 22^1 + 25^2$	$= 18 + 122 + 180 + 221 + 252$
$793 := 7^1 + 12^0 + 28^2 + 32^0$	$= 71 + 120 + 282 + 320$	$793 := 1^8 + 14^2 + 19^1 + 20^0 + 24^2$	$= 18 + 142 + 191 + 200 + 242$
$793 := 7^1 + 13^0 + 28^2 + 31^0$	$= 71 + 130 + 282 + 310$	$793 := 1^8 + 17^2 + 18^1 + 20^0 + 22^2$	$= 18 + 172 + 181 + 200 + 222$
$793 := 7^1 + 14^0 + 28^2 + 30^0$	$= 71 + 140 + 282 + 300$	$793 := 1^8 + 6^2 + 18^0 + 26^1 + 27^2$	$= 18 + 62 + 180 + 261 + 272$
$793 := 7^1 + 15^0 + 28^2 + 29^0$	$= 71 + 150 + 282 + 290$	$793 := 2^6 + 3^4 + 22^1 + 25^2 + 26^0$	$= 26 + 34 + 221 + 252 + 260$
$793 := 7^1 + 16^0 + 28^0 + 28^2$	$= 71 + 160 + 280 + 282$	$793 := 2^6 + 3^5 + 22^2 + 24^0 + 27^0$	$= 26 + 35 + 222 + 240 + 270$
$793 := 7^1 + 17^0 + 27^0 + 28^2$	$= 71 + 170 + 270 + 282$	$793 := 2^6 + 3^5 + 22^2 + 25^0 + 26^0$	$= 26 + 35 + 222 + 250 + 260$
$793 := 7^1 + 18^0 + 26^0 + 28^2$	$= 71 + 180 + 260 + 282$	$793 := 2^7 + 4^3 + 24^0 + 24^1 + 24^2$	$= 27 + 43 + 240 + 241 + 242$
$793 := 7^1 + 19^0 + 25^0 + 28^2$	$= 71 + 190 + 250 + 282$	$793 := 2^8 + 15^2 + 17^2 + 22^0 + 22^1$	$= 28 + 152 + 172 + 220 + 221$
$793 := 7^1 + 20^0 + 24^0 + 28^2$	$= 71 + 200 + 240 + 282$	$793 := 2^8 + 16^2 + 16^2 + 20^0 + 24^1$	$= 28 + 162 + 162 + 200 + 241$
$793 := 7^1 + 21^0 + 23^0 + 28^2$	$= 71 + 210 + 230 + 282$	$793 := 2^8 + 5^2 + 22^0 + 22^2 + 27^1$	$= 28 + 52 + 220 + 222 + 271$
$793 := 7^1 + 22^0 + 22^0 + 28^2$	$= 71 + 220 + 220 + 282$		

2.2.695 Number 794

$794 := 3^2 + 28^2 + 48^0$	$= 32 + 282 + 480$	$794 := 4^1 + 5^1 + 28^2 + 42^0$	$= 41 + 51 + 282 + 420$
$794 := 6^0 + 9^3 + 64^1$	$= 60 + 93 + 641$	$794 := 6^0 + 9^3 + 64^1$	$= 60 + 93 + 641$
$794 := 8^2 + 27^2 + 44^0$	$= 82 + 272 + 440$	$794 := 1^2 + 2^8 + 22^2 + 26^1 + 27^1$	$= 12 + 28 + 222 + 261 + 271$
$794 := 1^0 + 6^0 + 9^3 + 63^1$	$= 10 + 60 + 93 + 631$	$794 := 1^6 + 2^4 + 21^1 + 27^1 + 27^2$	$= 16 + 24 + 211 + 271 + 272$
$794 := 1^1 + 8^1 + 28^2 + 42^0$	$= 11 + 81 + 282 + 420$	$794 := 1^6 + 2^4 + 22^1 + 26^1 + 27^2$	$= 16 + 24 + 221 + 261 + 272$
$794 := 1^3 + 2^8 + 22^2 + 53^1$	$= 13 + 28 + 222 + 531$	$794 := 1^6 + 2^4 + 23^1 + 25^1 + 27^2$	$= 16 + 24 + 231 + 251 + 272$
$794 := 1^7 + 2^4 + 27^2 + 48^1$	$= 17 + 24 + 272 + 481$	$794 := 1^6 + 2^4 + 24^1 + 24^1 + 27^2$	$= 16 + 24 + 241 + 241 + 272$
$794 := 1^7 + 3^6 + 11^0 + 63^1$	$= 17 + 36 + 110 + 631$	$794 := 1^7 + 6^3 + 21^1 + 23^2 + 27^1$	$= 17 + 63 + 211 + 232 + 271$
$794 := 1^8 + 6^3 + 23^2 + 48^1$	$= 18 + 63 + 232 + 481$	$794 := 1^7 + 6^3 + 22^1 + 23^2 + 26^1$	$= 17 + 63 + 221 + 232 + 261$
$794 := 1^8 + 7^3 + 20^2 + 50^1$	$= 18 + 73 + 202 + 501$	$794 := 1^7 + 6^3 + 23^1 + 23^2 + 25^1$	$= 17 + 63 + 231 + 232 + 251$
$794 := 1^9 + 15^2 + 23^2 + 39^1$	$= 19 + 152 + 232 + 391$	$794 := 1^7 + 6^3 + 23^2 + 24^1 + 24^1$	$= 17 + 63 + 232 + 241 + 241$
$794 := 1^9 + 2^3 + 28^2 + 47^0$	$= 19 + 23 + 282 + 470$	$794 := 1^7 + 7^3 + 20^2 + 23^1 + 27^1$	$= 17 + 73 + 202 + 231 + 271$
$794 := 1^9 + 6^3 + 24^2 + 47^0$	$= 19 + 63 + 242 + 470$	$794 := 1^7 + 7^3 + 20^2 + 24^1 + 26^1$	$= 17 + 73 + 202 + 241 + 261$
$794 := 2^0 + 5^0 + 9^3 + 63^1$	$= 20 + 50 + 93 + 631$	$794 := 1^7 + 7^3 + 20^2 + 25^1 + 25^1$	$= 17 + 73 + 202 + 251 + 251$
$794 := 2^1 + 7^1 + 28^2 + 42^0$	$= 21 + 71 + 282 + 420$	$794 := 1^8 + 12^1 + 15^2 + 23^2 + 27^1$	$= 18 + 121 + 152 + 232 + 271$
$794 := 2^8 + 5^3 + 19^2 + 52^1$	$= 28 + 53 + 192 + 521$	$794 := 1^8 + 13^1 + 15^2 + 23^2 + 26^1$	$= 18 + 131 + 152 + 232 + 261$
$794 := 2^9 + 4^4 + 25^1 + 47^0$	$= 29 + 44 + 251 + 470$	$794 := 1^8 + 14^1 + 15^2 + 23^2 + 25^1$	$= 18 + 141 + 152 + 232 + 251$
$794 := 3^0 + 4^0 + 9^3 + 63^1$	$= 30 + 40 + 93 + 631$	$794 := 1^8 + 15^1 + 15^2 + 23^2 + 24^1$	$= 18 + 151 + 152 + 232 + 241$
$794 := 3^1 + 6^1 + 28^2 + 42^0$	$= 31 + 61 + 282 + 420$	$794 := 1^8 + 15^2 + 16^1 + 23^1 + 23^2$	$= 18 + 152 + 161 + 231 + 232$

$$\begin{aligned}
 794 &:= 1^8 + 15^2 + 17^1 + 22^1 + 23^2 = 18 + 152 + 171 + 221 + 232 \\
 794 &:= 1^8 + 15^2 + 18^1 + 21^1 + 23^2 = 18 + 152 + 181 + 211 + 232 \\
 794 &:= 1^8 + 15^2 + 19^1 + 20^1 + 23^2 = 18 + 152 + 191 + 201 + 232 \\
 794 &:= 1^9 + 10^2 + 16^1 + 25^0 + 26^2 = 19 + 102 + 161 + 250 + 262 \\
 794 &:= 1^9 + 11^0 + 18^2 + 21^2 + 27^1 = 19 + 110 + 182 + 212 + 271 \\
 794 &:= 1^9 + 12^2 + 17^0 + 23^1 + 25^2 = 19 + 122 + 170 + 231 + 252 \\
 794 &:= 1^9 + 14^2 + 19^0 + 20^1 + 24^2 = 19 + 142 + 190 + 201 + 242 \\
 794 &:= 1^9 + 17^2 + 19^0 + 19^1 + 22^2 = 19 + 172 + 190 + 191 + 222 \\
 794 &:= 1^9 + 6^2 + 17^0 + 27^1 + 27^2 = 19 + 62 + 170 + 271 + 272 \\
 794 &:= 2^4 + 2^7 + 24^1 + 25^0 + 25^2 = 24 + 27 + 241 + 250 + 252 \\
 794 &:= 2^5 + 2^6 + 21^1 + 26^2 + 27^0 = 25 + 26 + 211 + 262 + 270 \\
 794 &:= 2^7 + 6^3 + 20^2 + 23^1 + 27^1 = 27 + 63 + 202 + 231 + 271 \\
 794 &:= 2^7 + 6^3 + 20^2 + 24^1 + 26^1 = 27 + 63 + 202 + 241 + 261 \\
 794 &:= 2^7 + 6^3 + 20^2 + 25^1 + 25^1 = 27 + 63 + 202 + 251 + 251 \\
 794 &:= 2^8 + 13^2 + 18^1 + 18^2 + 27^1 = 28 + 132 + 181 + 182 + 271
 \end{aligned}$$

$$\begin{aligned}
 794 &:= 2^8 + 13^2 + 18^2 + 19^1 + 26^1 = 28 + 132 + 182 + 191 + 261 \\
 794 &:= 2^8 + 13^2 + 18^2 + 20^1 + 25^1 = 28 + 132 + 182 + 201 + 251 \\
 794 &:= 2^8 + 13^2 + 18^2 + 21^1 + 24^1 = 28 + 132 + 182 + 211 + 241 \\
 794 &:= 2^8 + 13^2 + 18^2 + 22^1 + 23^1 = 28 + 132 + 182 + 221 + 231 \\
 794 &:= 2^8 + 3^3 + 22^2 + 25^0 + 26^1 = 28 + 33 + 222 + 250 + 261 \\
 794 &:= 2^8 + 7^2 + 21^1 + 21^2 + 27^1 = 28 + 72 + 211 + 212 + 271 \\
 794 &:= 2^8 + 7^2 + 21^2 + 22^1 + 26^1 = 28 + 72 + 212 + 221 + 261 \\
 794 &:= 2^8 + 7^2 + 21^2 + 23^1 + 25^1 = 28 + 72 + 212 + 231 + 251 \\
 794 &:= 2^8 + 7^2 + 21^2 + 24^1 + 24^1 = 28 + 72 + 212 + 241 + 241 \\
 794 &:= 2^9 + 4^4 + 21^0 + 24^1 + 27^0 = 29 + 44 + 210 + 241 + 270 \\
 794 &:= 2^9 + 4^4 + 22^0 + 24^1 + 26^0 = 29 + 44 + 220 + 241 + 260 \\
 794 &:= 2^9 + 4^4 + 23^0 + 24^1 + 25^0 = 29 + 44 + 230 + 241 + 250 \\
 794 &:= 2^9 + 4^4 + 24^0 + 24^0 + 24^1 = 29 + 44 + 240 + 240 + 241
 \end{aligned}$$

2.2.696 Number 795

$$\begin{aligned}
 795 &:= 15^2 + 23^2 + 41^1 = 152 + 232 + 411 \\
 795 &:= 1^0 + 15^2 + 23^2 + 40^1 = 10 + 152 + 232 + 401 \\
 795 &:= 1^0 + 4^3 + 27^2 + 47^0 = 10 + 43 + 272 + 470 \\
 795 &:= 1^0 + 8^2 + 9^3 + 61^0 = 10 + 82 + 93 + 610 \\
 795 &:= 1^1 + 3^2 + 28^2 + 47^0 = 11 + 32 + 282 + 470 \\
 795 &:= 1^1 + 5^0 + 9^3 + 64^1 = 11 + 50 + 93 + 641 \\
 795 &:= 1^1 + 8^2 + 27^2 + 43^0 = 11 + 82 + 272 + 430 \\
 795 &:= 1^2 + 9^1 + 28^2 + 41^0 = 12 + 91 + 282 + 410 \\
 795 &:= 1^3 + 2^6 + 3^6 + 72^0 = 13 + 26 + 36 + 720 \\
 795 &:= 1^6 + 2^6 + 9^3 + 66^0 = 16 + 26 + 93 + 660 \\
 795 &:= 1^6 + 3^6 + 4^3 + 70^0 = 16 + 36 + 43 + 700 \\
 795 &:= 1^7 + 2^6 + 27^2 + 48^0 = 17 + 26 + 272 + 480 \\
 795 &:= 1^7 + 3^6 + 8^2 + 66^0 = 17 + 36 + 82 + 660 \\
 795 &:= 1^8 + 3^6 + 10^0 + 64^1 = 18 + 36 + 100 + 641 \\
 795 &:= 1^9 + 4^3 + 9^3 + 64^0 = 19 + 43 + 93 + 640 \\
 795 &:= 10^2 + 18^1 + 25^0 + 26^2 = 102 + 181 + 250 + 262 \\
 795 &:= 11^0 + 18^2 + 21^2 + 29^1 = 110 + 182 + 212 + 291 \\
 795 &:= 12^2 + 17^0 + 25^1 + 25^2 = 122 + 170 + 251 + 252 \\
 795 &:= 14^2 + 19^0 + 22^1 + 24^2 = 142 + 190 + 221 + 242 \\
 795 &:= 17^2 + 19^0 + 21^1 + 22^2 = 172 + 190 + 211 + 222 \\
 795 &:= 2^0 + 4^3 + 27^2 + 46^0 = 20 + 43 + 272 + 460
 \end{aligned}$$

$$\begin{aligned}
 795 &:= 2^0 + 8^2 + 9^3 + 60^0 = 20 + 82 + 93 + 600 \\
 795 &:= 2^1 + 5^0 + 9^3 + 63^1 = 21 + 50 + 93 + 631 \\
 795 &:= 2^2 + 6^1 + 28^2 + 43^0 = 22 + 61 + 282 + 430 \\
 795 &:= 2^9 + 3^5 + 34^0 + 39^1 = 29 + 35 + 340 + 391 \\
 795 &:= 3^0 + 4^3 + 27^2 + 45^0 = 30 + 43 + 272 + 450 \\
 795 &:= 3^0 + 8^2 + 9^3 + 59^0 = 30 + 82 + 93 + 590 \\
 795 &:= 3^1 + 5^0 + 9^3 + 62^1 = 31 + 50 + 93 + 621 \\
 795 &:= 4^0 + 4^3 + 27^2 + 44^0 = 40 + 43 + 272 + 440 \\
 795 &:= 4^0 + 8^2 + 9^3 + 58^0 = 40 + 82 + 93 + 580 \\
 795 &:= 4^1 + 5^0 + 9^3 + 61^1 = 41 + 50 + 93 + 611 \\
 795 &:= 4^3 + 10^0 + 27^2 + 38^0 = 43 + 100 + 272 + 380 \\
 795 &:= 4^3 + 11^0 + 27^2 + 37^0 = 43 + 110 + 272 + 370 \\
 795 &:= 4^3 + 12^0 + 27^2 + 36^0 = 43 + 120 + 272 + 360 \\
 795 &:= 4^3 + 13^0 + 27^2 + 35^0 = 43 + 130 + 272 + 350 \\
 795 &:= 4^3 + 14^0 + 27^2 + 34^0 = 43 + 140 + 272 + 340 \\
 795 &:= 4^3 + 15^0 + 27^2 + 33^0 = 43 + 150 + 272 + 330 \\
 795 &:= 4^3 + 16^0 + 27^2 + 32^0 = 43 + 160 + 272 + 320 \\
 795 &:= 4^3 + 17^0 + 27^2 + 31^0 = 43 + 170 + 272 + 310 \\
 795 &:= 4^3 + 18^0 + 27^2 + 30^0 = 43 + 180 + 272 + 300 \\
 795 &:= 4^3 + 19^0 + 27^2 + 29^0 = 43 + 190 + 272 + 290 \\
 795 &:= 4^3 + 20^0 + 27^2 + 28^0 = 43 + 200 + 272 + 280
 \end{aligned}$$

$795 := 4^3 + 21^0 + 27^0 + 27^2$	$= 43 + 210 + 270 + 272$	$795 := 5^2 + 7^0 + 27^2 + 40^1$	$= 52 + 70 + 272 + 401$
$795 := 4^3 + 22^0 + 26^0 + 27^2$	$= 43 + 220 + 260 + 272$	$795 := 6^0 + 8^2 + 9^3 + 56^0$	$= 60 + 82 + 93 + 560$
$795 := 4^3 + 23^0 + 25^0 + 27^2$	$= 43 + 230 + 250 + 272$	$795 := 6^2 + 17^0 + 27^2 + 29^1$	$= 62 + 170 + 272 + 291$
$795 := 4^3 + 24^0 + 24^0 + 27^2$	$= 43 + 240 + 240 + 272$	$795 := 7^0 + 19^2 + 20^2 + 33^1$	$= 70 + 192 + 202 + 331$
$795 := 4^3 + 5^0 + 27^2 + 43^0$	$= 43 + 50 + 272 + 430$	$795 := 7^0 + 8^2 + 9^3 + 55^0$	$= 70 + 82 + 93 + 550$
$795 := 4^3 + 6^0 + 27^2 + 42^0$	$= 43 + 60 + 272 + 420$	$795 := 7^0 + 9^2 + 26^2 + 37^1$	$= 70 + 92 + 262 + 371$
$795 := 4^3 + 7^0 + 27^2 + 41^0$	$= 43 + 70 + 272 + 410$	$795 := 7^2 + 16^1 + 27^2 + 29^0$	$= 72 + 161 + 272 + 290$
$795 := 4^3 + 8^0 + 27^2 + 40^0$	$= 43 + 80 + 272 + 400$	$795 := 8^0 + 8^2 + 9^3 + 54^0$	$= 80 + 82 + 93 + 540$
$795 := 4^3 + 9^0 + 27^2 + 39^0$	$= 43 + 90 + 272 + 390$	$795 := 8^2 + 9^0 + 9^3 + 53^0$	$= 82 + 90 + 93 + 530$
$795 := 5^0 + 5^1 + 9^3 + 60^1$	$= 50 + 51 + 93 + 601$	$795 := 8^2 + 9^3 + 10^0 + 52^0$	$= 82 + 93 + 100 + 520$
$795 := 5^0 + 6^1 + 9^3 + 59^1$	$= 50 + 61 + 93 + 591$	$795 := 8^2 + 9^3 + 11^0 + 51^0$	$= 82 + 93 + 110 + 510$
$795 := 5^0 + 7^1 + 9^3 + 58^1$	$= 50 + 71 + 93 + 581$	$795 := 8^2 + 9^3 + 12^0 + 50^0$	$= 82 + 93 + 120 + 500$
$795 := 5^0 + 8^1 + 9^3 + 57^1$	$= 50 + 81 + 93 + 571$	$795 := 8^2 + 9^3 + 13^0 + 49^0$	$= 82 + 93 + 130 + 490$
$795 := 5^0 + 8^2 + 9^3 + 57^0$	$= 50 + 82 + 93 + 570$	$795 := 8^2 + 9^3 + 14^0 + 48^0$	$= 82 + 93 + 140 + 480$
$795 := 5^0 + 9^1 + 9^3 + 56^1$	$= 50 + 91 + 93 + 561$	$795 := 8^2 + 9^3 + 15^0 + 47^0$	$= 82 + 93 + 150 + 470$
$795 := 5^0 + 9^3 + 10^1 + 55^1$	$= 50 + 93 + 101 + 551$	$795 := 8^2 + 9^3 + 16^0 + 46^0$	$= 82 + 93 + 160 + 460$
$795 := 5^0 + 9^3 + 11^1 + 54^1$	$= 50 + 93 + 111 + 541$	$795 := 8^2 + 9^3 + 17^0 + 45^0$	$= 82 + 93 + 170 + 450$
$795 := 5^0 + 9^3 + 12^1 + 53^1$	$= 50 + 93 + 121 + 531$	$795 := 8^2 + 9^3 + 18^0 + 44^0$	$= 82 + 93 + 180 + 440$
$795 := 5^0 + 9^3 + 13^1 + 52^1$	$= 50 + 93 + 131 + 521$	$795 := 8^2 + 9^3 + 19^0 + 43^0$	$= 82 + 93 + 190 + 430$
$795 := 5^0 + 9^3 + 14^1 + 51^1$	$= 50 + 93 + 141 + 511$	$795 := 8^2 + 9^3 + 20^0 + 42^0$	$= 82 + 93 + 200 + 420$
$795 := 5^0 + 9^3 + 15^1 + 50^1$	$= 50 + 93 + 151 + 501$	$795 := 8^2 + 9^3 + 21^0 + 41^0$	$= 82 + 93 + 210 + 410$
$795 := 5^0 + 9^3 + 16^1 + 49^1$	$= 50 + 93 + 161 + 491$	$795 := 8^2 + 9^3 + 22^0 + 40^0$	$= 82 + 93 + 220 + 400$
$795 := 5^0 + 9^3 + 17^1 + 48^1$	$= 50 + 93 + 171 + 481$	$795 := 8^2 + 9^3 + 23^0 + 39^0$	$= 82 + 93 + 230 + 390$
$795 := 5^0 + 9^3 + 18^1 + 47^1$	$= 50 + 93 + 181 + 471$	$795 := 8^2 + 9^3 + 24^0 + 38^0$	$= 82 + 93 + 240 + 380$
$795 := 5^0 + 9^3 + 19^1 + 46^1$	$= 50 + 93 + 191 + 461$	$795 := 8^2 + 9^3 + 25^0 + 37^0$	$= 82 + 93 + 250 + 370$
$795 := 5^0 + 9^3 + 20^1 + 45^1$	$= 50 + 93 + 201 + 451$	$795 := 8^2 + 9^3 + 26^0 + 36^0$	$= 82 + 93 + 260 + 360$
$795 := 5^0 + 9^3 + 21^1 + 44^1$	$= 50 + 93 + 211 + 441$	$795 := 8^2 + 9^3 + 27^0 + 35^0$	$= 82 + 93 + 270 + 350$
$795 := 5^0 + 9^3 + 22^1 + 43^1$	$= 50 + 93 + 221 + 431$	$795 := 8^2 + 9^3 + 28^0 + 34^0$	$= 82 + 93 + 280 + 340$
$795 := 5^0 + 9^3 + 23^1 + 42^1$	$= 50 + 93 + 231 + 421$	$795 := 8^2 + 9^3 + 29^0 + 33^0$	$= 82 + 93 + 290 + 330$
$795 := 5^0 + 9^3 + 24^1 + 41^1$	$= 50 + 93 + 241 + 411$	$795 := 8^2 + 9^3 + 30^0 + 32^0$	$= 82 + 93 + 300 + 320$
$795 := 5^0 + 9^3 + 25^1 + 40^1$	$= 50 + 93 + 251 + 401$	$795 := 8^2 + 9^3 + 31^0 + 31^0$	$= 82 + 93 + 310 + 310$
$795 := 5^0 + 9^3 + 26^1 + 39^1$	$= 50 + 93 + 261 + 391$	$795 := 9^1 + 16^2 + 23^2 + 31^0$	$= 91 + 162 + 232 + 310$
$795 := 5^0 + 9^3 + 27^1 + 38^1$	$= 50 + 93 + 271 + 381$	$795 := 1^0 + 10^2 + 17^1 + 25^0 + 26^2$	$= 10 + 102 + 171 + 250 + 262$
$795 := 5^0 + 9^3 + 28^1 + 37^1$	$= 50 + 93 + 281 + 371$	$795 := 1^0 + 12^2 + 17^0 + 24^1 + 25^2$	$= 10 + 122 + 170 + 241 + 252$
$795 := 5^0 + 9^3 + 29^1 + 36^1$	$= 50 + 93 + 291 + 361$	$795 := 1^0 + 14^2 + 19^0 + 21^1 + 24^2$	$= 10 + 142 + 190 + 211 + 242$
$795 := 5^0 + 9^3 + 30^1 + 35^1$	$= 50 + 93 + 301 + 351$	$795 := 1^0 + 17^2 + 19^0 + 20^1 + 22^2$	$= 10 + 172 + 190 + 201 + 222$
$795 := 5^0 + 9^3 + 31^1 + 34^1$	$= 50 + 93 + 311 + 341$	$795 := 1^0 + 6^3 + 21^0 + 24^2 + 27^0$	$= 10 + 63 + 210 + 242 + 270$
$795 := 5^0 + 9^3 + 32^1 + 33^1$	$= 50 + 93 + 321 + 331$	$795 := 1^0 + 6^3 + 22^0 + 24^2 + 26^0$	$= 10 + 63 + 220 + 242 + 260$

$$\begin{aligned} 795 &:= 1^0 + 6^3 + 23^0 + 24^2 + 25^0 = 10 + 63 + 230 + 242 + 250 & 795 &:= 5^0 + 14^2 + 15^0 + 21^1 + 24^2 = 50 + 142 + 150 + 211 + 242 \\ 795 &:= 1^0 + 6^3 + 24^0 + 24^0 + 24^2 = 10 + 63 + 240 + 240 + 242 & 795 &:= 5^0 + 15^0 + 17^2 + 20^1 + 22^2 = 50 + 150 + 172 + 201 + 222 \\ 795 &:= 10^0 + 10^0 + 14^2 + 21^1 + 24^2 = 100 + 100 + 142 + 211 + 242 & 795 &:= 5^0 + 6^3 + 17^0 + 24^2 + 27^0 = 50 + 63 + 170 + 242 + 270 \\ 795 &:= 10^0 + 10^0 + 17^2 + 20^1 + 22^2 = 100 + 100 + 172 + 201 + 222 & 795 &:= 5^0 + 6^3 + 18^0 + 24^2 + 26^0 = 50 + 63 + 180 + 242 + 260 \\ 795 &:= 10^0 + 10^2 + 16^0 + 17^1 + 26^2 = 100 + 102 + 160 + 171 + 262 & 795 &:= 5^0 + 6^3 + 19^0 + 24^2 + 25^0 = 50 + 63 + 190 + 242 + 250 \\ 795 &:= 10^2 + 11^0 + 15^0 + 17^1 + 26^2 = 102 + 110 + 150 + 171 + 262 & 795 &:= 5^0 + 6^3 + 20^0 + 24^0 + 24^2 = 50 + 63 + 200 + 240 + 242 \\ 795 &:= 10^2 + 12^0 + 14^0 + 17^1 + 26^2 = 102 + 120 + 140 + 171 + 262 & 795 &:= 5^0 + 6^3 + 21^0 + 23^0 + 24^2 = 50 + 63 + 210 + 230 + 242 \\ 795 &:= 10^2 + 13^0 + 13^0 + 17^1 + 26^2 = 102 + 130 + 130 + 171 + 262 & 795 &:= 5^0 + 6^3 + 22^0 + 22^0 + 24^2 = 50 + 63 + 220 + 220 + 242 \\ 795 &:= 2^0 + 10^2 + 17^1 + 24^0 + 26^2 = 20 + 102 + 171 + 240 + 262 & 795 &:= 5^0 + 7^2 + 15^1 + 25^0 + 27^2 = 50 + 72 + 151 + 250 + 272 \\ 795 &:= 2^0 + 12^2 + 16^0 + 24^1 + 25^2 = 20 + 122 + 160 + 241 + 252 & 795 &:= 5^0 + 8^1 + 16^2 + 23^2 + 27^0 = 50 + 81 + 162 + 232 + 270 \\ 795 &:= 2^0 + 14^2 + 18^0 + 21^1 + 24^2 = 20 + 142 + 180 + 211 + 242 & 795 &:= 6^0 + 10^2 + 17^1 + 20^0 + 26^2 = 60 + 102 + 171 + 200 + 262 \\ 795 &:= 2^0 + 17^2 + 18^0 + 20^1 + 22^2 = 20 + 172 + 180 + 201 + 222 & 795 &:= 6^0 + 12^0 + 12^2 + 24^1 + 25^2 = 60 + 120 + 122 + 241 + 252 \\ 795 &:= 2^0 + 6^3 + 20^0 + 24^2 + 27^0 = 20 + 63 + 200 + 242 + 270 & 795 &:= 6^0 + 14^0 + 14^2 + 21^1 + 24^2 = 60 + 140 + 142 + 211 + 242 \\ 795 &:= 2^0 + 6^3 + 21^0 + 24^2 + 26^0 = 20 + 63 + 210 + 242 + 260 & 795 &:= 6^0 + 14^0 + 17^2 + 20^1 + 22^2 = 60 + 140 + 172 + 201 + 222 \\ 795 &:= 2^0 + 6^3 + 22^0 + 24^2 + 25^0 = 20 + 63 + 220 + 242 + 250 & 795 &:= 6^0 + 6^3 + 16^0 + 24^2 + 27^0 = 60 + 63 + 160 + 242 + 270 \\ 795 &:= 2^0 + 6^3 + 23^0 + 24^0 + 24^2 = 20 + 63 + 230 + 240 + 242 & 795 &:= 6^0 + 6^3 + 17^0 + 24^2 + 26^0 = 60 + 63 + 170 + 242 + 260 \\ 795 &:= 3^0 + 10^2 + 17^1 + 23^0 + 26^2 = 30 + 102 + 171 + 230 + 262 & 795 &:= 6^0 + 6^3 + 18^0 + 24^2 + 25^0 = 60 + 63 + 180 + 242 + 250 \\ 795 &:= 3^0 + 12^2 + 15^0 + 24^1 + 25^2 = 30 + 122 + 150 + 241 + 252 & 795 &:= 6^0 + 6^3 + 19^0 + 24^0 + 24^2 = 60 + 63 + 190 + 240 + 242 \\ 795 &:= 3^0 + 14^2 + 17^0 + 21^1 + 24^2 = 30 + 142 + 170 + 211 + 242 & 795 &:= 6^0 + 6^3 + 20^0 + 23^0 + 24^2 = 60 + 63 + 200 + 230 + 242 \\ 795 &:= 3^0 + 17^0 + 17^2 + 20^1 + 22^2 = 30 + 170 + 172 + 201 + 222 & 795 &:= 6^0 + 6^3 + 21^0 + 22^0 + 24^2 = 60 + 63 + 210 + 220 + 242 \\ 795 &:= 3^0 + 6^3 + 19^0 + 24^2 + 27^0 = 30 + 63 + 190 + 242 + 270 & 795 &:= 6^0 + 7^2 + 15^1 + 24^0 + 27^2 = 60 + 72 + 151 + 240 + 272 \\ 795 &:= 3^0 + 6^3 + 20^0 + 24^2 + 26^0 = 30 + 63 + 200 + 242 + 260 & 795 &:= 6^0 + 8^1 + 16^2 + 23^2 + 26^0 = 60 + 81 + 162 + 232 + 260 \\ 795 &:= 3^0 + 6^3 + 21^0 + 24^2 + 25^0 = 30 + 63 + 210 + 242 + 250 & 795 &:= 6^3 + 10^0 + 12^0 + 24^2 + 27^0 = 63 + 100 + 120 + 242 + 270 \\ 795 &:= 3^0 + 6^3 + 22^0 + 24^0 + 24^2 = 30 + 63 + 220 + 240 + 242 & 795 &:= 6^3 + 10^0 + 13^0 + 24^2 + 26^0 = 63 + 100 + 130 + 242 + 260 \\ 795 &:= 3^0 + 6^3 + 23^0 + 23^0 + 24^2 = 30 + 63 + 230 + 230 + 242 & 795 &:= 6^3 + 10^0 + 14^0 + 24^2 + 25^0 = 63 + 100 + 140 + 242 + 250 \\ 795 &:= 3^0 + 7^2 + 15^1 + 27^0 + 27^2 = 30 + 72 + 151 + 270 + 272 & 795 &:= 6^3 + 10^0 + 15^0 + 24^0 + 24^2 = 63 + 100 + 150 + 240 + 242 \\ 795 &:= 4^0 + 10^2 + 17^1 + 22^0 + 26^2 = 40 + 102 + 171 + 220 + 262 & 795 &:= 6^3 + 10^0 + 16^0 + 23^0 + 24^2 = 63 + 100 + 160 + 230 + 242 \\ 795 &:= 4^0 + 12^2 + 14^0 + 24^1 + 25^2 = 40 + 122 + 140 + 241 + 252 & 795 &:= 6^3 + 10^0 + 17^0 + 22^0 + 24^2 = 63 + 100 + 170 + 220 + 242 \\ 795 &:= 4^0 + 14^2 + 16^0 + 21^1 + 24^2 = 40 + 142 + 160 + 211 + 242 & 795 &:= 6^3 + 10^0 + 18^0 + 21^0 + 24^2 = 63 + 100 + 180 + 210 + 242 \\ 795 &:= 4^0 + 16^0 + 17^2 + 20^1 + 22^2 = 40 + 160 + 172 + 201 + 222 & 795 &:= 6^3 + 10^0 + 19^0 + 20^0 + 24^2 = 63 + 100 + 190 + 200 + 242 \\ 795 &:= 4^0 + 6^3 + 18^0 + 24^2 + 27^0 = 40 + 63 + 180 + 242 + 270 & 795 &:= 6^3 + 11^0 + 11^0 + 24^2 + 27^0 = 63 + 110 + 110 + 242 + 270 \\ 795 &:= 4^0 + 6^3 + 19^0 + 24^2 + 26^0 = 40 + 63 + 190 + 242 + 260 & 795 &:= 6^3 + 11^0 + 12^0 + 24^2 + 26^0 = 63 + 110 + 120 + 242 + 260 \\ 795 &:= 4^0 + 6^3 + 20^0 + 24^2 + 25^0 = 40 + 63 + 200 + 242 + 250 & 795 &:= 6^3 + 11^0 + 13^0 + 24^2 + 25^0 = 63 + 110 + 130 + 242 + 250 \\ 795 &:= 4^0 + 6^3 + 21^0 + 24^0 + 24^2 = 40 + 63 + 210 + 240 + 242 & 795 &:= 6^3 + 11^0 + 14^0 + 24^0 + 24^2 = 63 + 110 + 140 + 240 + 242 \\ 795 &:= 4^0 + 6^3 + 22^0 + 23^0 + 24^2 = 40 + 63 + 220 + 230 + 242 & 795 &:= 6^3 + 11^0 + 15^0 + 23^0 + 24^2 = 63 + 110 + 150 + 230 + 242 \\ 795 &:= 4^0 + 7^2 + 15^1 + 26^0 + 27^2 = 40 + 72 + 151 + 260 + 272 & 795 &:= 6^3 + 11^0 + 16^0 + 22^0 + 24^2 = 63 + 110 + 160 + 220 + 242 \\ 795 &:= 5^0 + 10^2 + 17^1 + 21^0 + 26^2 = 50 + 102 + 171 + 210 + 262 & 795 &:= 6^3 + 11^0 + 17^0 + 21^0 + 24^2 = 63 + 110 + 170 + 210 + 242 \\ 795 &:= 5^0 + 12^2 + 13^0 + 24^1 + 25^2 = 50 + 122 + 130 + 241 + 252 & 795 &:= 6^3 + 11^0 + 18^0 + 20^0 + 24^2 = 63 + 110 + 180 + 200 + 242 \end{aligned}$$

$$\begin{aligned} 795 &:= 6^3 + 11^0 + 19^0 + 19^0 + 24^2 = 63 + 110 + 190 + 190 + 242 & 795 &:= 6^3 + 9^0 + 15^0 + 24^2 + 25^0 = 63 + 90 + 150 + 242 + 250 \\ 795 &:= 6^3 + 12^0 + 12^0 + 24^2 + 25^0 = 63 + 120 + 120 + 242 + 250 & 795 &:= 6^3 + 9^0 + 16^0 + 24^0 + 24^2 = 63 + 90 + 160 + 240 + 242 \\ 795 &:= 6^3 + 12^0 + 13^0 + 24^0 + 24^2 = 63 + 120 + 130 + 240 + 242 & 795 &:= 6^3 + 9^0 + 17^0 + 23^0 + 24^2 = 63 + 90 + 170 + 230 + 242 \\ 795 &:= 6^3 + 12^0 + 14^0 + 23^0 + 24^2 = 63 + 120 + 140 + 230 + 242 & 795 &:= 6^3 + 9^0 + 18^0 + 22^0 + 24^2 = 63 + 90 + 180 + 220 + 242 \\ 795 &:= 6^3 + 12^0 + 15^0 + 22^0 + 24^2 = 63 + 120 + 150 + 220 + 242 & 795 &:= 6^3 + 9^0 + 19^0 + 21^0 + 24^2 = 63 + 90 + 190 + 210 + 242 \\ 795 &:= 6^3 + 12^0 + 16^0 + 21^0 + 24^2 = 63 + 120 + 160 + 210 + 242 & 795 &:= 6^3 + 9^0 + 20^0 + 20^0 + 24^2 = 63 + 90 + 200 + 200 + 242 \\ 795 &:= 6^3 + 12^0 + 17^0 + 20^0 + 24^2 = 63 + 120 + 170 + 200 + 242 & 795 &:= 7^0 + 10^2 + 17^1 + 19^0 + 26^2 = 70 + 102 + 171 + 190 + 262 \\ 795 &:= 6^3 + 12^0 + 18^0 + 19^0 + 24^2 = 63 + 120 + 180 + 190 + 242 & 795 &:= 7^0 + 11^0 + 12^2 + 24^1 + 25^2 = 70 + 110 + 122 + 241 + 252 \\ 795 &:= 6^3 + 13^0 + 13^0 + 23^0 + 24^2 = 63 + 130 + 130 + 230 + 242 & 795 &:= 7^0 + 13^0 + 14^2 + 21^1 + 24^2 = 70 + 130 + 142 + 211 + 242 \\ 795 &:= 6^3 + 13^0 + 14^0 + 22^0 + 24^2 = 63 + 130 + 140 + 220 + 242 & 795 &:= 7^0 + 13^0 + 17^2 + 20^1 + 22^2 = 70 + 130 + 172 + 201 + 222 \\ 795 &:= 6^3 + 13^0 + 15^0 + 21^0 + 24^2 = 63 + 130 + 150 + 210 + 242 & 795 &:= 7^0 + 7^2 + 15^1 + 23^0 + 27^2 = 70 + 72 + 151 + 230 + 272 \\ 795 &:= 6^3 + 13^0 + 16^0 + 20^0 + 24^2 = 63 + 130 + 160 + 200 + 242 & 795 &:= 7^0 + 8^1 + 16^2 + 23^2 + 25^0 = 70 + 81 + 162 + 232 + 250 \\ 795 &:= 6^3 + 13^0 + 17^0 + 19^0 + 24^2 = 63 + 130 + 170 + 190 + 242 & 795 &:= 7^2 + 10^0 + 15^1 + 20^0 + 27^2 = 72 + 100 + 151 + 200 + 272 \\ 795 &:= 6^3 + 13^0 + 18^0 + 18^0 + 24^2 = 63 + 130 + 180 + 180 + 242 & 795 &:= 7^2 + 11^0 + 15^1 + 19^0 + 27^2 = 72 + 110 + 151 + 190 + 272 \\ 795 &:= 6^3 + 14^0 + 14^0 + 21^0 + 24^2 = 63 + 140 + 140 + 210 + 242 & 795 &:= 7^2 + 12^0 + 15^1 + 18^0 + 27^2 = 72 + 120 + 151 + 180 + 272 \\ 795 &:= 6^3 + 14^0 + 15^0 + 20^0 + 24^2 = 63 + 140 + 150 + 200 + 242 & 795 &:= 7^2 + 13^0 + 15^1 + 17^0 + 27^2 = 72 + 130 + 151 + 170 + 272 \\ 795 &:= 6^3 + 14^0 + 16^0 + 19^0 + 24^2 = 63 + 140 + 160 + 190 + 242 & 795 &:= 7^2 + 14^0 + 15^1 + 16^0 + 27^2 = 72 + 140 + 151 + 160 + 272 \\ 795 &:= 6^3 + 14^0 + 17^0 + 18^0 + 24^2 = 63 + 140 + 170 + 180 + 242 & 795 &:= 7^2 + 15^0 + 15^0 + 15^1 + 27^2 = 72 + 150 + 150 + 151 + 272 \\ 795 &:= 6^3 + 15^0 + 15^0 + 19^0 + 24^2 = 63 + 150 + 150 + 190 + 242 & 795 &:= 7^2 + 8^0 + 15^1 + 22^0 + 27^2 = 72 + 80 + 151 + 220 + 272 \\ 795 &:= 6^3 + 15^0 + 16^0 + 18^0 + 24^2 = 63 + 150 + 160 + 180 + 242 & 795 &:= 7^2 + 9^0 + 15^1 + 21^0 + 27^2 = 72 + 90 + 151 + 210 + 272 \\ 795 &:= 6^3 + 15^0 + 17^0 + 17^0 + 24^2 = 63 + 150 + 170 + 170 + 242 & 795 &:= 8^0 + 10^0 + 12^2 + 24^1 + 25^2 = 80 + 100 + 122 + 241 + 252 \\ 795 &:= 6^3 + 16^0 + 16^0 + 17^0 + 24^2 = 63 + 160 + 160 + 170 + 242 & 795 &:= 8^0 + 10^2 + 17^1 + 18^0 + 26^2 = 80 + 102 + 171 + 180 + 262 \\ 795 &:= 6^3 + 7^0 + 15^0 + 24^2 + 27^0 = 63 + 70 + 150 + 242 + 270 & 795 &:= 8^0 + 12^0 + 14^2 + 21^1 + 24^2 = 80 + 120 + 142 + 211 + 242 \\ 795 &:= 6^3 + 7^0 + 16^0 + 24^2 + 26^0 = 63 + 70 + 160 + 242 + 260 & 795 &:= 8^0 + 12^0 + 17^2 + 20^1 + 22^2 = 80 + 120 + 172 + 201 + 222 \\ 795 &:= 6^3 + 7^0 + 17^0 + 24^2 + 25^0 = 63 + 70 + 170 + 242 + 250 & 795 &:= 8^0 + 8^1 + 16^2 + 23^2 + 24^0 = 80 + 81 + 162 + 232 + 240 \\ 795 &:= 6^3 + 7^0 + 18^0 + 24^0 + 24^2 = 63 + 70 + 180 + 240 + 242 & 795 &:= 8^1 + 10^0 + 16^2 + 22^0 + 23^2 = 81 + 100 + 162 + 220 + 232 \\ 795 &:= 6^3 + 7^0 + 19^0 + 23^0 + 24^2 = 63 + 70 + 190 + 230 + 242 & 795 &:= 8^1 + 11^0 + 16^2 + 21^0 + 23^2 = 81 + 110 + 162 + 210 + 232 \\ 795 &:= 6^3 + 7^0 + 20^0 + 22^0 + 24^2 = 63 + 70 + 200 + 220 + 242 & 795 &:= 8^1 + 12^0 + 16^2 + 20^0 + 23^2 = 81 + 120 + 162 + 200 + 232 \\ 795 &:= 6^3 + 7^0 + 21^0 + 21^0 + 24^2 = 63 + 70 + 210 + 210 + 242 & 795 &:= 8^1 + 13^0 + 16^2 + 19^0 + 23^2 = 81 + 130 + 162 + 190 + 232 \\ 795 &:= 6^3 + 8^0 + 14^0 + 24^2 + 27^0 = 63 + 80 + 140 + 242 + 270 & 795 &:= 8^1 + 14^0 + 16^2 + 18^0 + 23^2 = 81 + 140 + 162 + 180 + 232 \\ 795 &:= 6^3 + 8^0 + 15^0 + 24^2 + 26^0 = 63 + 80 + 150 + 242 + 260 & 795 &:= 8^1 + 15^0 + 16^2 + 17^0 + 23^2 = 81 + 150 + 162 + 170 + 232 \\ 795 &:= 6^3 + 8^0 + 16^0 + 24^2 + 25^0 = 63 + 80 + 160 + 242 + 250 & 795 &:= 8^1 + 16^0 + 16^0 + 16^2 + 23^2 = 81 + 160 + 160 + 162 + 232 \\ 795 &:= 6^3 + 8^0 + 17^0 + 24^0 + 24^2 = 63 + 80 + 170 + 240 + 242 & 795 &:= 8^1 + 9^0 + 16^2 + 23^0 + 23^2 = 81 + 90 + 162 + 230 + 232 \\ 795 &:= 6^3 + 8^0 + 18^0 + 23^0 + 24^2 = 63 + 80 + 180 + 230 + 242 & 795 &:= 9^0 + 10^2 + 17^0 + 17^1 + 26^2 = 90 + 102 + 170 + 171 + 262 \\ 795 &:= 6^3 + 8^0 + 19^0 + 22^0 + 24^2 = 63 + 80 + 190 + 220 + 242 & 795 &:= 9^0 + 11^0 + 14^2 + 21^1 + 24^2 = 90 + 110 + 142 + 211 + 242 \\ 795 &:= 6^3 + 8^0 + 20^0 + 21^0 + 24^2 = 63 + 80 + 200 + 210 + 242 & 795 &:= 9^0 + 11^0 + 17^2 + 20^1 + 22^2 = 90 + 110 + 172 + 201 + 222 \\ 795 &:= 6^3 + 9^0 + 13^0 + 24^2 + 27^0 = 63 + 90 + 130 + 242 + 270 & 795 &:= 9^0 + 9^0 + 12^2 + 24^1 + 25^2 = 90 + 90 + 122 + 241 + 252 \\ 795 &:= 6^3 + 9^0 + 14^0 + 24^2 + 26^0 = 63 + 90 + 140 + 242 + 260 \end{aligned}$$

2.2.697 Number 796

$796 := 1^0 + 5^4 + 13^2 + 60^0$	$= 10 + 54 + 132 + 600$	$796 := 5^4 + 13^2 + 26^0 + 35^0$	$= 54 + 132 + 260 + 350$
$796 := 1^2 + 13^2 + 25^2 + 40^0$	$= 12 + 132 + 252 + 400$	$796 := 5^4 + 13^2 + 27^0 + 34^0$	$= 54 + 132 + 270 + 340$
$796 := 1^2 + 4^0 + 9^3 + 65^1$	$= 12 + 40 + 93 + 651$	$796 := 5^4 + 13^2 + 28^0 + 33^0$	$= 54 + 132 + 280 + 330$
$796 := 1^3 + 10^1 + 28^2 + 40^0$	$= 13 + 101 + 282 + 400$	$796 := 5^4 + 13^2 + 29^0 + 32^0$	$= 54 + 132 + 290 + 320$
$796 := 1^9 + 3^6 + 9^0 + 65^1$	$= 19 + 36 + 90 + 651$	$796 := 5^4 + 13^2 + 30^0 + 31^0$	$= 54 + 132 + 300 + 310$
$796 := 2^0 + 5^4 + 13^2 + 59^0$	$= 20 + 54 + 132 + 590$	$796 := 5^4 + 6^0 + 13^2 + 55^0$	$= 54 + 60 + 132 + 550$
$796 := 2^1 + 4^3 + 27^2 + 46^0$	$= 21 + 43 + 272 + 460$	$796 := 5^4 + 7^0 + 13^2 + 54^0$	$= 54 + 70 + 132 + 540$
$796 := 2^1 + 8^2 + 9^3 + 60^0$	$= 21 + 82 + 93 + 600$	$796 := 5^4 + 8^0 + 13^2 + 53^0$	$= 54 + 80 + 132 + 530$
$796 := 2^2 + 6^0 + 9^3 + 62^1$	$= 22 + 60 + 93 + 621$	$796 := 5^4 + 9^0 + 13^2 + 52^0$	$= 54 + 90 + 132 + 520$
$796 := 2^3 + 3^1 + 28^2 + 46^0$	$= 23 + 31 + 282 + 460$	$796 := 6^2 + 9^3 + 30^1 + 34^0$	$= 62 + 93 + 301 + 340$
$796 := 2^9 + 3^3 + 4^4 + 69^0$	$= 29 + 33 + 44 + 690$	$796 := 7^2 + 11^2 + 25^2 + 36^0$	$= 72 + 112 + 252 + 360$
$796 := 3^0 + 5^4 + 13^2 + 58^0$	$= 30 + 54 + 132 + 580$	$796 := 7^2 + 9^3 + 17^1 + 46^0$	$= 72 + 93 + 171 + 460$
$796 := 3^1 + 6^3 + 24^2 + 46^0$	$= 31 + 63 + 242 + 460$	$796 := 7^3 + 11^1 + 21^2 + 40^0$	$= 73 + 111 + 212 + 400$
$796 := 3^2 + 9^3 + 10^0 + 57^1$	$= 32 + 93 + 100 + 571$	$796 := 8^3 + 16^2 + 27^1 + 28^0$	$= 83 + 162 + 271 + 280$
$796 := 3^3 + 10^0 + 27^2 + 39^1$	$= 33 + 100 + 272 + 391$	$796 := 1^1 + 10^2 + 18^1 + 24^0 + 26^2$	$= 11 + 102 + 181 + 240 + 262$
$796 := 4^0 + 5^3 + 25^2 + 45^1$	$= 40 + 53 + 252 + 451$	$796 := 1^1 + 12^2 + 16^0 + 25^1 + 25^2$	$= 11 + 122 + 160 + 251 + 252$
$796 := 4^0 + 5^4 + 13^2 + 57^0$	$= 40 + 54 + 132 + 570$	$796 := 1^1 + 14^2 + 18^0 + 22^1 + 24^2$	$= 11 + 142 + 180 + 221 + 242$
$796 := 4^2 + 9^3 + 16^0 + 50^1$	$= 42 + 93 + 160 + 501$	$796 := 1^1 + 17^2 + 18^0 + 21^1 + 22^2$	$= 11 + 172 + 180 + 211 + 222$
$796 := 5^0 + 5^4 + 13^2 + 56^0$	$= 50 + 54 + 132 + 560$	$796 := 1^1 + 4^3 + 20^0 + 27^0 + 27^2$	$= 11 + 43 + 200 + 270 + 272$
$796 := 5^2 + 9^3 + 24^0 + 41^1$	$= 52 + 93 + 240 + 411$	$796 := 1^1 + 4^3 + 21^0 + 26^0 + 27^2$	$= 11 + 43 + 210 + 260 + 272$
$796 := 5^4 + 10^0 + 13^2 + 51^0$	$= 54 + 100 + 132 + 510$	$796 := 1^1 + 4^3 + 22^0 + 25^0 + 27^2$	$= 11 + 43 + 220 + 250 + 272$
$796 := 5^4 + 11^0 + 13^2 + 50^0$	$= 54 + 110 + 132 + 500$	$796 := 1^1 + 4^3 + 23^0 + 24^0 + 27^2$	$= 11 + 43 + 230 + 240 + 272$
$796 := 5^4 + 12^0 + 13^2 + 49^0$	$= 54 + 120 + 132 + 490$	$796 := 1^2 + 8^2 + 16^0 + 27^0 + 27^2$	$= 12 + 82 + 160 + 270 + 272$
$796 := 5^4 + 13^0 + 13^2 + 48^0$	$= 54 + 130 + 132 + 480$	$796 := 1^2 + 8^2 + 17^0 + 26^0 + 27^2$	$= 12 + 82 + 170 + 260 + 272$
$796 := 5^4 + 13^2 + 14^0 + 47^0$	$= 54 + 132 + 140 + 470$	$796 := 1^2 + 8^2 + 18^0 + 25^0 + 27^2$	$= 12 + 82 + 180 + 250 + 272$
$796 := 5^4 + 13^2 + 15^0 + 46^0$	$= 54 + 132 + 150 + 460$	$796 := 1^2 + 8^2 + 19^0 + 24^0 + 27^2$	$= 12 + 82 + 190 + 240 + 272$
$796 := 5^4 + 13^2 + 16^0 + 45^0$	$= 54 + 132 + 160 + 450$	$796 := 1^2 + 8^2 + 20^0 + 23^0 + 27^2$	$= 12 + 82 + 200 + 230 + 272$
$796 := 5^4 + 13^2 + 17^0 + 44^0$	$= 54 + 132 + 170 + 440$	$796 := 1^2 + 8^2 + 21^0 + 22^0 + 27^2$	$= 12 + 82 + 210 + 220 + 272$
$796 := 5^4 + 13^2 + 18^0 + 43^0$	$= 54 + 132 + 180 + 430$	$796 := 1^8 + 2^6 + 21^0 + 27^0 + 27^2$	$= 18 + 26 + 210 + 270 + 272$
$796 := 5^4 + 13^2 + 19^0 + 42^0$	$= 54 + 132 + 190 + 420$	$796 := 1^8 + 2^6 + 22^0 + 26^0 + 27^2$	$= 18 + 26 + 220 + 260 + 272$
$796 := 5^4 + 13^2 + 20^0 + 41^0$	$= 54 + 132 + 200 + 410$	$796 := 1^8 + 2^6 + 23^0 + 25^0 + 27^2$	$= 18 + 26 + 230 + 250 + 272$
$796 := 5^4 + 13^2 + 21^0 + 40^0$	$= 54 + 132 + 210 + 400$	$796 := 1^8 + 2^6 + 24^0 + 24^0 + 27^2$	$= 18 + 26 + 240 + 240 + 272$
$796 := 5^4 + 13^2 + 22^0 + 39^0$	$= 54 + 132 + 220 + 390$	$796 := 10^0 + 10^1 + 18^2 + 20^1 + 21^2$	$= 100 + 101 + 182 + 201 + 212$
$796 := 5^4 + 13^2 + 23^0 + 38^0$	$= 54 + 132 + 230 + 380$	$796 := 10^0 + 11^1 + 18^2 + 19^1 + 21^2$	$= 100 + 111 + 182 + 191 + 212$
$796 := 5^4 + 13^2 + 24^0 + 37^0$	$= 54 + 132 + 240 + 370$	$796 := 10^0 + 11^2 + 12^2 + 23^0 + 23^2$	$= 100 + 112 + 122 + 230 + 232$
$796 := 5^4 + 13^2 + 25^0 + 36^0$	$= 54 + 132 + 250 + 360$	$796 := 10^0 + 12^1 + 18^1 + 18^2 + 21^2$	$= 100 + 121 + 181 + 182 + 212$

$$\begin{aligned} 796 &:= 10^0 + 12^2 + 17^2 + 19^2 + 21^0 = 100 + 122 + 172 + 192 + 210 & 796 &:= 2^6 + 2^7 + 23^0 + 24^2 + 27^1 = 26 + 27 + 230 + 242 + 271 \\ 796 &:= 10^0 + 13^1 + 17^1 + 18^2 + 21^2 = 100 + 131 + 171 + 182 + 212 & 796 &:= 3^0 + 8^3 + 16^2 + 26^0 + 26^1 = 30 + 83 + 162 + 260 + 261 \\ 796 &:= 10^0 + 13^2 + 15^2 + 20^2 + 21^0 = 100 + 132 + 152 + 202 + 210 & 796 &:= 3^1 + 10^0 + 18^2 + 21^2 + 27^1 = 31 + 100 + 182 + 212 + 271 \\ 796 &:= 10^0 + 14^1 + 16^1 + 18^2 + 21^2 = 100 + 141 + 161 + 182 + 212 & 796 &:= 3^1 + 10^2 + 16^1 + 24^0 + 26^2 = 31 + 102 + 161 + 240 + 262 \\ 796 &:= 10^0 + 15^1 + 15^1 + 18^2 + 21^2 = 100 + 151 + 151 + 182 + 212 & 796 &:= 3^1 + 12^2 + 16^0 + 23^1 + 25^2 = 31 + 122 + 160 + 231 + 252 \\ 796 &:= 10^1 + 12^1 + 17^2 + 18^0 + 22^2 = 101 + 121 + 172 + 180 + 222 & 796 &:= 3^1 + 14^2 + 18^0 + 20^1 + 24^2 = 31 + 142 + 180 + 201 + 242 \\ 796 &:= 10^1 + 12^2 + 16^0 + 16^1 + 25^2 = 101 + 122 + 160 + 161 + 252 & 796 &:= 3^1 + 17^2 + 18^0 + 19^1 + 22^2 = 31 + 172 + 180 + 191 + 222 \\ 796 &:= 10^1 + 13^1 + 14^2 + 18^0 + 24^2 = 101 + 131 + 142 + 180 + 242 & 796 &:= 3^1 + 6^2 + 16^0 + 27^1 + 27^2 = 31 + 62 + 160 + 271 + 272 \\ 796 &:= 11^0 + 11^2 + 12^2 + 22^0 + 23^2 = 110 + 112 + 122 + 220 + 232 & 796 &:= 3^2 + 10^0 + 16^2 + 23^2 + 27^0 = 32 + 100 + 162 + 232 + 270 \\ 796 &:= 11^0 + 12^2 + 17^2 + 19^2 + 20^0 = 110 + 122 + 172 + 192 + 200 & 796 &:= 3^2 + 11^0 + 16^2 + 23^2 + 26^0 = 32 + 110 + 162 + 232 + 260 \\ 796 &:= 11^0 + 13^2 + 15^2 + 20^0 + 20^2 = 110 + 132 + 152 + 200 + 202 & 796 &:= 3^2 + 12^0 + 16^2 + 23^2 + 25^0 = 32 + 120 + 162 + 232 + 250 \\ 796 &:= 11^1 + 11^1 + 17^2 + 18^0 + 22^2 = 111 + 111 + 172 + 180 + 222 & 796 &:= 3^2 + 13^0 + 16^2 + 23^2 + 24^0 = 32 + 130 + 162 + 232 + 240 \\ 796 &:= 11^1 + 12^1 + 14^2 + 18^0 + 24^2 = 111 + 121 + 142 + 180 + 242 & 796 &:= 3^2 + 14^0 + 16^2 + 23^0 + 23^2 = 32 + 140 + 162 + 230 + 232 \\ 796 &:= 11^1 + 12^2 + 15^1 + 16^0 + 25^2 = 111 + 122 + 151 + 160 + 252 & 796 &:= 3^2 + 15^0 + 16^2 + 22^0 + 23^2 = 32 + 150 + 162 + 220 + 232 \\ 796 &:= 11^2 + 12^0 + 12^2 + 21^0 + 23^2 = 112 + 120 + 122 + 210 + 232 & 796 &:= 3^2 + 16^0 + 16^2 + 21^0 + 23^2 = 32 + 160 + 162 + 210 + 232 \\ 796 &:= 11^2 + 12^2 + 13^0 + 20^0 + 23^2 = 112 + 122 + 130 + 200 + 232 & 796 &:= 3^2 + 16^2 + 17^0 + 20^0 + 23^2 = 32 + 162 + 170 + 200 + 232 \\ 796 &:= 11^2 + 12^2 + 14^0 + 19^0 + 23^2 = 112 + 122 + 140 + 190 + 232 & 796 &:= 3^2 + 16^2 + 18^0 + 19^0 + 23^2 = 32 + 162 + 180 + 190 + 232 \\ 796 &:= 11^2 + 12^2 + 15^0 + 18^0 + 23^2 = 112 + 122 + 150 + 180 + 232 & 796 &:= 4^0 + 12^2 + 17^2 + 19^2 + 27^0 = 40 + 122 + 172 + 192 + 270 \\ 796 &:= 11^2 + 12^2 + 16^0 + 17^0 + 23^2 = 112 + 122 + 160 + 170 + 232 & 796 &:= 4^0 + 13^2 + 15^2 + 20^2 + 27^0 = 40 + 132 + 152 + 202 + 270 \\ 796 &:= 12^0 + 12^2 + 17^2 + 19^0 + 19^2 = 120 + 122 + 172 + 190 + 192 & 796 &:= 4^0 + 8^3 + 16^2 + 25^0 + 26^1 = 40 + 83 + 162 + 250 + 261 \\ 796 &:= 12^0 + 13^2 + 15^2 + 19^0 + 20^2 = 120 + 132 + 152 + 190 + 202 & 796 &:= 4^0 + 9^3 + 12^1 + 27^1 + 27^1 = 40 + 93 + 121 + 271 + 271 \\ 796 &:= 12^1 + 12^2 + 14^1 + 16^0 + 25^2 = 121 + 122 + 141 + 160 + 252 & 796 &:= 4^0 + 9^3 + 13^1 + 26^1 + 27^1 = 40 + 93 + 131 + 261 + 271 \\ 796 &:= 12^2 + 13^0 + 17^2 + 18^0 + 19^2 = 122 + 130 + 172 + 180 + 192 & 796 &:= 4^0 + 9^3 + 14^1 + 25^1 + 27^1 = 40 + 93 + 141 + 251 + 271 \\ 796 &:= 12^2 + 13^1 + 13^1 + 16^0 + 25^2 = 122 + 131 + 131 + 160 + 252 & 796 &:= 4^0 + 9^3 + 14^1 + 26^1 + 26^1 = 40 + 93 + 141 + 261 + 261 \\ 796 &:= 12^2 + 14^0 + 17^0 + 17^2 + 19^2 = 122 + 140 + 170 + 172 + 192 & 796 &:= 4^0 + 9^3 + 15^1 + 24^1 + 27^1 = 40 + 93 + 151 + 241 + 271 \\ 796 &:= 12^2 + 15^0 + 16^0 + 17^2 + 19^2 = 122 + 150 + 160 + 172 + 192 & 796 &:= 4^0 + 9^3 + 15^1 + 25^1 + 26^1 = 40 + 93 + 151 + 251 + 261 \\ 796 &:= 13^0 + 13^2 + 15^2 + 18^0 + 20^2 = 130 + 132 + 152 + 180 + 202 & 796 &:= 4^0 + 9^3 + 16^1 + 23^1 + 27^1 = 40 + 93 + 161 + 231 + 271 \\ 796 &:= 13^2 + 14^0 + 15^2 + 17^0 + 20^2 = 132 + 140 + 152 + 170 + 202 & 796 &:= 4^0 + 9^3 + 16^1 + 24^1 + 26^1 = 40 + 93 + 161 + 241 + 261 \\ 796 &:= 13^2 + 15^0 + 15^2 + 16^0 + 20^2 = 132 + 150 + 152 + 160 + 202 & 796 &:= 4^0 + 9^3 + 16^1 + 25^1 + 25^1 = 40 + 93 + 161 + 251 + 251 \\ 796 &:= 2^0 + 8^3 + 16^2 + 26^1 + 27^0 = 20 + 83 + 162 + 261 + 270 & 796 &:= 4^0 + 9^3 + 17^1 + 22^1 + 27^1 = 40 + 93 + 171 + 221 + 271 \\ 796 &:= 2^1 + 10^2 + 17^1 + 24^0 + 26^2 = 21 + 102 + 171 + 240 + 262 & 796 &:= 4^0 + 9^3 + 17^1 + 23^1 + 26^1 = 40 + 93 + 171 + 231 + 261 \\ 796 &:= 2^1 + 12^2 + 16^0 + 24^1 + 25^2 = 21 + 122 + 160 + 241 + 252 & 796 &:= 4^0 + 9^3 + 17^1 + 24^1 + 25^1 = 40 + 93 + 171 + 241 + 251 \\ 796 &:= 2^1 + 14^2 + 18^0 + 21^1 + 24^2 = 21 + 142 + 180 + 211 + 242 & 796 &:= 4^0 + 9^3 + 18^1 + 21^1 + 27^1 = 40 + 93 + 181 + 211 + 271 \\ 796 &:= 2^1 + 17^2 + 18^0 + 20^1 + 22^2 = 21 + 172 + 180 + 201 + 222 & 796 &:= 4^0 + 9^3 + 18^1 + 22^1 + 26^1 = 40 + 93 + 181 + 221 + 261 \\ 796 &:= 2^1 + 6^3 + 20^0 + 24^2 + 27^0 = 21 + 63 + 200 + 242 + 270 & 796 &:= 4^0 + 9^3 + 18^1 + 23^1 + 25^1 = 40 + 93 + 181 + 231 + 251 \\ 796 &:= 2^1 + 6^3 + 21^0 + 24^2 + 26^0 = 21 + 63 + 210 + 242 + 260 & 796 &:= 4^0 + 9^3 + 18^1 + 24^1 + 24^1 = 40 + 93 + 181 + 241 + 241 \\ 796 &:= 2^1 + 6^3 + 22^0 + 24^2 + 25^0 = 21 + 63 + 220 + 242 + 250 & 796 &:= 4^0 + 9^3 + 19^1 + 20^1 + 27^1 = 40 + 93 + 191 + 201 + 271 \\ 796 &:= 2^1 + 6^3 + 23^0 + 24^0 + 24^2 = 21 + 63 + 230 + 240 + 242 & 796 &:= 4^0 + 9^3 + 19^1 + 21^1 + 26^1 = 40 + 93 + 191 + 211 + 261 \end{aligned}$$

$$\begin{aligned} 796 &:= 4^0 + 9^3 + 19^1 + 22^1 + 25^1 = 40 + 93 + 191 + 221 + 251 & 796 &:= 4^3 + 9^3 + 19^0 + 20^0 + 27^0 = 43 + 93 + 190 + 200 + 270 \\ 796 &:= 4^0 + 9^3 + 19^1 + 23^1 + 24^1 = 40 + 93 + 191 + 231 + 241 & 796 &:= 4^3 + 9^3 + 19^0 + 21^0 + 26^0 = 43 + 93 + 190 + 210 + 260 \\ 796 &:= 4^0 + 9^3 + 20^1 + 20^1 + 26^1 = 40 + 93 + 201 + 201 + 261 & 796 &:= 4^3 + 9^3 + 19^0 + 22^0 + 25^0 = 43 + 93 + 190 + 220 + 250 \\ 796 &:= 4^0 + 9^3 + 20^1 + 21^1 + 25^1 = 40 + 93 + 201 + 211 + 251 & 796 &:= 4^3 + 9^3 + 19^0 + 23^0 + 24^0 = 43 + 93 + 190 + 230 + 240 \\ 796 &:= 4^0 + 9^3 + 20^1 + 22^1 + 24^1 = 40 + 93 + 201 + 221 + 241 & 796 &:= 4^3 + 9^3 + 20^0 + 20^0 + 26^0 = 43 + 93 + 200 + 200 + 260 \\ 796 &:= 4^0 + 9^3 + 20^1 + 23^1 + 23^1 = 40 + 93 + 201 + 231 + 231 & 796 &:= 4^3 + 9^3 + 20^0 + 21^0 + 25^0 = 43 + 93 + 200 + 210 + 250 \\ 796 &:= 4^0 + 9^3 + 21^1 + 21^1 + 24^1 = 40 + 93 + 211 + 211 + 241 & 796 &:= 4^3 + 9^3 + 20^0 + 22^0 + 24^0 = 43 + 93 + 200 + 220 + 240 \\ 796 &:= 4^0 + 9^3 + 21^1 + 22^1 + 23^1 = 40 + 93 + 211 + 221 + 231 & 796 &:= 4^3 + 9^3 + 20^0 + 23^0 + 23^0 = 43 + 93 + 200 + 230 + 230 \\ 796 &:= 4^0 + 9^3 + 22^1 + 22^1 + 22^1 = 40 + 93 + 221 + 221 + 221 & 796 &:= 4^3 + 9^3 + 21^0 + 21^0 + 24^0 = 43 + 93 + 210 + 210 + 240 \\ 796 &:= 4^1 + 10^0 + 18^2 + 21^2 + 26^1 = 41 + 100 + 182 + 212 + 261 & 796 &:= 4^3 + 9^3 + 21^0 + 22^0 + 23^0 = 43 + 93 + 210 + 220 + 230 \\ 796 &:= 4^1 + 10^2 + 15^1 + 24^0 + 26^2 = 41 + 102 + 151 + 240 + 262 & 796 &:= 4^3 + 9^3 + 22^0 + 22^0 + 22^0 = 43 + 93 + 220 + 220 + 220 \\ 796 &:= 4^1 + 12^2 + 16^0 + 22^1 + 25^2 = 41 + 122 + 160 + 221 + 252 & 796 &:= 5^0 + 12^2 + 17^2 + 19^2 + 26^0 = 50 + 122 + 172 + 192 + 260 \\ 796 &:= 4^1 + 14^2 + 18^0 + 19^1 + 24^2 = 41 + 142 + 180 + 191 + 242 & 796 &:= 5^0 + 13^2 + 15^2 + 20^2 + 26^0 = 50 + 132 + 152 + 202 + 260 \\ 796 &:= 4^1 + 17^2 + 18^0 + 18^1 + 22^2 = 41 + 172 + 180 + 181 + 222 & 796 &:= 5^0 + 8^3 + 16^2 + 24^0 + 26^1 = 50 + 83 + 162 + 240 + 261 \\ 796 &:= 4^1 + 6^2 + 16^0 + 26^1 + 27^2 = 41 + 62 + 160 + 261 + 272 & 796 &:= 5^1 + 10^0 + 18^2 + 21^2 + 25^1 = 51 + 100 + 182 + 212 + 251 \\ 796 &:= 4^2 + 7^2 + 14^0 + 27^0 + 27^2 = 42 + 72 + 140 + 270 + 272 & 796 &:= 5^1 + 10^2 + 14^1 + 24^0 + 26^2 = 51 + 102 + 141 + 240 + 262 \\ 796 &:= 4^2 + 7^2 + 15^0 + 26^0 + 27^2 = 42 + 72 + 150 + 260 + 272 & 796 &:= 5^1 + 12^2 + 16^0 + 21^1 + 25^2 = 51 + 122 + 160 + 211 + 252 \\ 796 &:= 4^2 + 7^2 + 16^0 + 25^0 + 27^2 = 42 + 72 + 160 + 250 + 272 & 796 &:= 5^1 + 14^2 + 18^0 + 18^1 + 24^2 = 51 + 142 + 180 + 181 + 242 \\ 796 &:= 4^2 + 7^2 + 17^0 + 24^0 + 27^2 = 42 + 72 + 170 + 240 + 272 & 796 &:= 5^1 + 17^1 + 17^2 + 18^0 + 22^2 = 51 + 171 + 172 + 180 + 222 \\ 796 &:= 4^2 + 7^2 + 18^0 + 23^0 + 27^2 = 42 + 72 + 180 + 230 + 272 & 796 &:= 5^1 + 6^2 + 16^0 + 25^1 + 27^2 = 51 + 62 + 160 + 251 + 272 \\ 796 &:= 4^2 + 7^2 + 19^0 + 22^0 + 27^2 = 42 + 72 + 190 + 220 + 272 & 796 &:= 5^2 + 10^0 + 12^2 + 25^2 + 27^0 = 52 + 100 + 122 + 252 + 270 \\ 796 &:= 4^2 + 7^2 + 20^0 + 21^0 + 27^2 = 42 + 72 + 200 + 210 + 272 & 796 &:= 5^2 + 11^0 + 12^2 + 25^2 + 26^0 = 52 + 110 + 122 + 252 + 260 \\ 796 &:= 4^3 + 9^3 + 12^0 + 27^0 + 27^0 = 43 + 93 + 120 + 270 + 270 & 796 &:= 5^2 + 12^0 + 12^2 + 25^0 + 25^2 = 52 + 120 + 122 + 250 + 252 \\ 796 &:= 4^3 + 9^3 + 13^0 + 26^0 + 27^0 = 43 + 93 + 130 + 260 + 270 & 796 &:= 5^2 + 12^2 + 13^0 + 24^0 + 25^2 = 52 + 122 + 130 + 240 + 252 \\ 796 &:= 4^3 + 9^3 + 14^0 + 25^0 + 27^0 = 43 + 93 + 140 + 250 + 270 & 796 &:= 5^2 + 12^2 + 14^0 + 23^0 + 25^2 = 52 + 122 + 140 + 230 + 252 \\ 796 &:= 4^3 + 9^3 + 14^0 + 26^0 + 26^0 = 43 + 93 + 140 + 260 + 260 & 796 &:= 5^2 + 12^2 + 15^0 + 22^0 + 25^2 = 52 + 122 + 150 + 220 + 252 \\ 796 &:= 4^3 + 9^3 + 15^0 + 24^0 + 27^0 = 43 + 93 + 150 + 240 + 270 & 796 &:= 5^2 + 12^2 + 16^0 + 21^0 + 25^2 = 52 + 122 + 160 + 210 + 252 \\ 796 &:= 4^3 + 9^3 + 15^0 + 25^0 + 26^0 = 43 + 93 + 150 + 250 + 260 & 796 &:= 5^2 + 12^2 + 17^0 + 20^0 + 25^2 = 52 + 122 + 170 + 200 + 252 \\ 796 &:= 4^3 + 9^3 + 16^0 + 23^0 + 27^0 = 43 + 93 + 160 + 230 + 270 & 796 &:= 5^2 + 12^2 + 18^0 + 19^0 + 25^2 = 52 + 122 + 180 + 190 + 252 \\ 796 &:= 4^3 + 9^3 + 16^0 + 24^0 + 26^0 = 43 + 93 + 160 + 240 + 260 & 796 &:= 5^2 + 6^0 + 14^1 + 27^1 + 27^2 = 52 + 60 + 141 + 271 + 272 \\ 796 &:= 4^3 + 9^3 + 16^0 + 25^0 + 25^0 = 43 + 93 + 160 + 250 + 250 & 796 &:= 5^2 + 6^0 + 15^1 + 26^1 + 27^2 = 52 + 60 + 151 + 261 + 272 \\ 796 &:= 4^3 + 9^3 + 17^0 + 22^0 + 27^0 = 43 + 93 + 170 + 220 + 270 & 796 &:= 5^2 + 6^0 + 16^1 + 25^1 + 27^2 = 52 + 60 + 161 + 251 + 272 \\ 796 &:= 4^3 + 9^3 + 17^0 + 23^0 + 26^0 = 43 + 93 + 170 + 230 + 260 & 796 &:= 5^2 + 6^0 + 17^1 + 24^1 + 27^2 = 52 + 60 + 171 + 241 + 272 \\ 796 &:= 4^3 + 9^3 + 17^0 + 24^0 + 25^0 = 43 + 93 + 170 + 240 + 250 & 796 &:= 5^2 + 6^0 + 18^1 + 23^1 + 27^2 = 52 + 60 + 181 + 231 + 272 \\ 796 &:= 4^3 + 9^3 + 18^0 + 21^0 + 27^0 = 43 + 93 + 180 + 210 + 270 & 796 &:= 5^2 + 6^0 + 19^1 + 22^1 + 27^2 = 52 + 60 + 191 + 221 + 272 \\ 796 &:= 4^3 + 9^3 + 18^0 + 22^0 + 26^0 = 43 + 93 + 180 + 220 + 260 & 796 &:= 5^2 + 6^0 + 20^1 + 21^1 + 27^2 = 52 + 60 + 201 + 211 + 272 \\ 796 &:= 4^3 + 9^3 + 18^0 + 23^0 + 25^0 = 43 + 93 + 180 + 230 + 250 & 796 &:= 6^0 + 10^1 + 19^2 + 20^2 + 24^1 = 60 + 101 + 192 + 202 + 241 \\ 796 &:= 4^3 + 9^3 + 18^0 + 24^0 + 24^0 = 43 + 93 + 180 + 240 + 240 & 796 &:= 6^0 + 11^1 + 19^2 + 20^2 + 23^1 = 60 + 111 + 192 + 202 + 231 \end{aligned}$$

$$\begin{aligned} 796 &:= 6^0 + 11^2 + 12^2 + 23^2 + 27^0 = 60 + 112 + 122 + 232 + 270 & 796 &:= 7^0 + 11^2 + 12^2 + 23^2 + 26^0 = 70 + 112 + 122 + 232 + 260 \\ 796 &:= 6^0 + 12^1 + 19^2 + 20^2 + 22^1 = 60 + 121 + 192 + 202 + 221 & 796 &:= 7^0 + 12^2 + 17^2 + 19^2 + 24^0 = 70 + 122 + 172 + 192 + 240 \\ 796 &:= 6^0 + 12^2 + 17^2 + 19^2 + 25^0 = 60 + 122 + 172 + 192 + 250 & 796 &:= 7^0 + 13^2 + 15^2 + 20^2 + 24^0 = 70 + 132 + 152 + 202 + 240 \\ 796 &:= 6^0 + 13^1 + 19^2 + 20^2 + 21^1 = 60 + 131 + 192 + 202 + 211 & 796 &:= 7^0 + 8^2 + 17^2 + 21^2 + 26^0 = 70 + 82 + 172 + 212 + 260 \\ 796 &:= 6^0 + 13^2 + 15^2 + 20^2 + 25^0 = 60 + 132 + 152 + 202 + 250 & 796 &:= 7^0 + 8^3 + 16^2 + 22^0 + 26^1 = 70 + 83 + 162 + 220 + 261 \\ 796 &:= 6^0 + 14^1 + 19^2 + 20^1 + 20^2 = 60 + 141 + 192 + 201 + 202 & 796 &:= 7^1 + 10^0 + 18^2 + 21^2 + 23^1 = 71 + 100 + 182 + 212 + 231 \\ 796 &:= 6^0 + 15^1 + 19^1 + 19^2 + 20^2 = 60 + 151 + 191 + 192 + 202 & 796 &:= 7^1 + 10^2 + 12^1 + 24^0 + 26^2 = 71 + 102 + 121 + 240 + 262 \\ 796 &:= 6^0 + 16^1 + 18^1 + 19^2 + 20^2 = 60 + 161 + 181 + 192 + 202 & 796 &:= 7^1 + 12^2 + 16^0 + 19^1 + 25^2 = 71 + 122 + 160 + 191 + 252 \\ 796 &:= 6^0 + 17^1 + 17^1 + 19^2 + 20^2 = 60 + 171 + 171 + 192 + 202 & 796 &:= 7^1 + 14^2 + 16^1 + 18^0 + 24^2 = 71 + 142 + 161 + 180 + 242 \\ 796 &:= 6^0 + 7^1 + 19^2 + 20^2 + 27^1 = 60 + 71 + 192 + 202 + 271 & 796 &:= 7^1 + 15^1 + 17^2 + 18^0 + 22^2 = 71 + 151 + 172 + 180 + 222 \\ 796 &:= 6^0 + 8^1 + 19^2 + 20^2 + 26^1 = 60 + 81 + 192 + 202 + 261 & 796 &:= 7^2 + 10^0 + 13^2 + 24^2 + 25^0 = 72 + 100 + 132 + 242 + 250 \\ 796 &:= 6^0 + 8^2 + 17^2 + 21^2 + 27^0 = 60 + 82 + 172 + 212 + 270 & 796 &:= 7^2 + 11^0 + 13^2 + 24^0 + 24^2 = 72 + 110 + 132 + 240 + 242 \\ 796 &:= 6^0 + 8^3 + 16^2 + 23^0 + 26^1 = 60 + 83 + 162 + 230 + 261 & 796 &:= 7^2 + 12^0 + 13^2 + 23^0 + 24^2 = 72 + 120 + 132 + 230 + 242 \\ 796 &:= 6^0 + 9^1 + 19^2 + 20^2 + 25^1 = 60 + 91 + 192 + 202 + 251 & 796 &:= 7^2 + 13^0 + 13^2 + 22^0 + 24^2 = 72 + 130 + 132 + 220 + 242 \\ 796 &:= 6^0 + 9^2 + 11^1 + 26^2 + 27^1 = 60 + 92 + 111 + 262 + 271 & 796 &:= 7^2 + 13^2 + 14^0 + 21^0 + 24^2 = 72 + 132 + 140 + 210 + 242 \\ 796 &:= 6^0 + 9^2 + 12^1 + 26^1 + 26^2 = 60 + 92 + 121 + 261 + 262 & 796 &:= 7^2 + 13^2 + 15^0 + 20^0 + 24^2 = 72 + 132 + 150 + 200 + 242 \\ 796 &:= 6^0 + 9^2 + 13^1 + 25^1 + 26^2 = 60 + 92 + 131 + 251 + 262 & 796 &:= 7^2 + 13^2 + 16^0 + 19^0 + 24^2 = 72 + 132 + 160 + 190 + 242 \\ 796 &:= 6^0 + 9^2 + 14^1 + 24^1 + 26^2 = 60 + 92 + 141 + 241 + 262 & 796 &:= 7^2 + 13^2 + 17^0 + 18^0 + 24^2 = 72 + 132 + 170 + 180 + 242 \\ 796 &:= 6^0 + 9^2 + 15^1 + 23^1 + 26^2 = 60 + 92 + 151 + 231 + 262 & 796 &:= 7^2 + 8^0 + 13^2 + 24^2 + 27^0 = 72 + 80 + 132 + 242 + 270 \\ 796 &:= 6^0 + 9^2 + 16^1 + 22^1 + 26^2 = 60 + 92 + 161 + 221 + 262 & 796 &:= 7^2 + 9^0 + 13^2 + 24^2 + 26^0 = 72 + 90 + 132 + 242 + 260 \\ 796 &:= 6^0 + 9^2 + 17^1 + 21^1 + 26^2 = 60 + 92 + 171 + 211 + 262 & 796 &:= 7^2 + 9^3 + 16^1 + 20^0 + 27^0 = 72 + 93 + 161 + 200 + 270 \\ 796 &:= 6^0 + 9^2 + 18^1 + 20^1 + 26^2 = 60 + 92 + 181 + 201 + 262 & 796 &:= 7^2 + 9^3 + 16^1 + 21^0 + 26^0 = 72 + 93 + 161 + 210 + 260 \\ 796 &:= 6^0 + 9^2 + 19^1 + 19^1 + 26^2 = 60 + 92 + 191 + 191 + 262 & 796 &:= 7^2 + 9^3 + 16^1 + 22^0 + 25^0 = 72 + 93 + 161 + 220 + 250 \\ 796 &:= 6^1 + 10^0 + 18^2 + 21^2 + 24^1 = 61 + 100 + 182 + 212 + 241 & 796 &:= 7^2 + 9^3 + 16^1 + 23^0 + 24^0 = 72 + 93 + 161 + 230 + 240 \\ 796 &:= 6^1 + 10^2 + 13^1 + 24^0 + 26^2 = 61 + 102 + 131 + 240 + 262 & 796 &:= 7^3 + 10^1 + 14^0 + 21^2 + 27^0 = 73 + 101 + 140 + 212 + 270 \\ 796 &:= 6^1 + 12^2 + 16^0 + 20^1 + 25^2 = 61 + 122 + 160 + 201 + 252 & 796 &:= 7^3 + 10^1 + 15^0 + 21^2 + 26^0 = 73 + 101 + 150 + 212 + 260 \\ 796 &:= 6^1 + 14^2 + 17^1 + 18^0 + 24^2 = 61 + 142 + 171 + 180 + 242 & 796 &:= 7^3 + 10^1 + 16^0 + 21^2 + 25^0 = 73 + 101 + 160 + 212 + 250 \\ 796 &:= 6^1 + 16^1 + 17^2 + 18^0 + 22^2 = 61 + 161 + 172 + 180 + 222 & 796 &:= 7^3 + 10^1 + 17^0 + 21^2 + 24^0 = 73 + 101 + 170 + 212 + 240 \\ 796 &:= 6^1 + 6^2 + 16^0 + 24^1 + 27^2 = 61 + 62 + 160 + 241 + 272 & 796 &:= 7^3 + 10^1 + 18^0 + 21^2 + 23^0 = 73 + 101 + 180 + 212 + 230 \\ 796 &:= 6^2 + 10^1 + 16^0 + 20^1 + 27^2 = 62 + 101 + 160 + 201 + 272 & 796 &:= 7^3 + 10^1 + 19^0 + 21^2 + 22^0 = 73 + 101 + 190 + 212 + 220 \\ 796 &:= 6^2 + 11^1 + 16^0 + 19^1 + 27^2 = 62 + 111 + 160 + 191 + 272 & 796 &:= 7^3 + 10^1 + 20^0 + 21^0 + 21^2 = 73 + 101 + 200 + 210 + 212 \\ 796 &:= 6^2 + 12^1 + 16^0 + 18^1 + 27^2 = 62 + 121 + 160 + 181 + 272 & 796 &:= 8^0 + 11^2 + 12^2 + 23^2 + 25^0 = 80 + 112 + 122 + 232 + 250 \\ 796 &:= 6^2 + 13^1 + 16^0 + 17^1 + 27^2 = 62 + 131 + 160 + 171 + 272 & 796 &:= 8^0 + 12^2 + 17^2 + 19^2 + 23^0 = 80 + 122 + 172 + 192 + 230 \\ 796 &:= 6^2 + 14^1 + 16^0 + 16^1 + 27^2 = 62 + 141 + 160 + 161 + 272 & 796 &:= 8^0 + 13^2 + 15^2 + 20^2 + 23^0 = 80 + 132 + 152 + 202 + 230 \\ 796 &:= 6^2 + 15^1 + 15^1 + 16^0 + 27^2 = 62 + 151 + 151 + 160 + 272 & 796 &:= 8^0 + 8^2 + 17^2 + 21^2 + 25^0 = 80 + 82 + 172 + 212 + 250 \\ 796 &:= 6^2 + 7^1 + 16^0 + 23^1 + 27^2 = 62 + 71 + 160 + 231 + 272 & 796 &:= 8^0 + 8^3 + 16^2 + 21^0 + 26^1 = 80 + 83 + 162 + 210 + 261 \\ 796 &:= 6^2 + 8^1 + 16^0 + 22^1 + 27^2 = 62 + 81 + 160 + 221 + 272 & 796 &:= 8^1 + 10^0 + 18^2 + 21^2 + 22^1 = 81 + 100 + 182 + 212 + 221 \\ 796 &:= 6^2 + 9^1 + 16^0 + 21^1 + 27^2 = 62 + 91 + 160 + 211 + 272 & 796 &:= 8^1 + 10^2 + 11^1 + 24^0 + 26^2 = 81 + 102 + 111 + 240 + 262 \end{aligned}$$

$$\begin{aligned}
 796 &:= 8^1 + 12^2 + 16^0 + 18^1 + 25^2 = 81 + 122 + 160 + 181 + 252 & 796 &:= 8^3 + 12^0 + 16^2 + 17^0 + 26^1 = 83 + 120 + 162 + 170 + 261 \\
 796 &:= 8^1 + 14^1 + 17^2 + 18^0 + 22^2 = 81 + 141 + 172 + 180 + 222 & 796 &:= 8^3 + 13^0 + 16^0 + 16^2 + 26^1 = 83 + 130 + 160 + 162 + 261 \\
 796 &:= 8^1 + 14^2 + 15^1 + 18^0 + 24^2 = 81 + 142 + 151 + 180 + 242 & 796 &:= 8^3 + 14^0 + 15^0 + 16^2 + 26^1 = 83 + 140 + 150 + 162 + 261 \\
 796 &:= 8^2 + 10^0 + 17^2 + 21^2 + 23^0 = 82 + 100 + 172 + 212 + 230 & 796 &:= 8^3 + 9^0 + 16^2 + 20^0 + 26^1 = 83 + 90 + 162 + 200 + 261 \\
 796 &:= 8^2 + 11^0 + 17^2 + 21^2 + 22^0 = 82 + 110 + 172 + 212 + 220 & 796 &:= 9^0 + 11^2 + 12^2 + 23^2 + 24^0 = 90 + 112 + 122 + 232 + 240 \\
 796 &:= 8^2 + 12^0 + 17^2 + 21^0 + 21^2 = 82 + 120 + 172 + 210 + 212 & 796 &:= 9^0 + 12^2 + 17^2 + 19^2 + 22^0 = 90 + 122 + 172 + 192 + 220 \\
 796 &:= 8^2 + 13^0 + 17^2 + 20^0 + 21^2 = 82 + 130 + 172 + 200 + 212 & 796 &:= 9^0 + 13^2 + 15^2 + 20^2 + 22^0 = 90 + 132 + 152 + 202 + 220 \\
 796 &:= 8^2 + 14^0 + 17^2 + 19^0 + 21^2 = 82 + 140 + 172 + 190 + 212 & 796 &:= 9^1 + 10^0 + 18^2 + 21^1 + 21^2 = 91 + 100 + 182 + 211 + 212 \\
 796 &:= 8^2 + 15^0 + 17^2 + 18^0 + 21^2 = 82 + 150 + 172 + 180 + 212 & 796 &:= 9^1 + 10^1 + 10^2 + 24^0 + 26^2 = 91 + 101 + 102 + 240 + 262 \\
 796 &:= 8^2 + 16^0 + 17^0 + 17^2 + 21^2 = 82 + 160 + 170 + 172 + 212 & 796 &:= 9^1 + 12^2 + 16^0 + 17^1 + 25^2 = 91 + 122 + 160 + 171 + 252 \\
 796 &:= 8^2 + 9^0 + 17^2 + 21^2 + 24^0 = 82 + 90 + 172 + 212 + 240 & 796 &:= 9^1 + 13^1 + 17^2 + 18^0 + 22^2 = 91 + 131 + 172 + 180 + 222 \\
 796 &:= 8^3 + 10^0 + 16^2 + 19^0 + 26^1 = 83 + 100 + 162 + 190 + 261 & 796 &:= 9^1 + 14^1 + 14^2 + 18^0 + 24^2 = 91 + 141 + 142 + 180 + 242 \\
 796 &:= 8^3 + 11^0 + 16^2 + 18^0 + 26^1 = 83 + 110 + 162 + 180 + 261
 \end{aligned}$$

2.2.698 Number 797

$$\begin{aligned}
 797 &:= 3^6 + 9^0 + 67^1 = 36 + 90 + 671 & 797 &:= 5^4 + 12^2 + 27^1 + 35^0 = 54 + 122 + 271 + 350 \\
 797 &:= 1^0 + 3^6 + 9^0 + 66^1 = 10 + 36 + 90 + 661 & 797 &:= 6^2 + 14^2 + 23^2 + 36^1 = 62 + 142 + 232 + 361 \\
 797 &:= 1^3 + 3^0 + 9^3 + 66^1 = 13 + 30 + 93 + 661 & 797 &:= 6^3 + 16^2 + 18^2 + 39^0 = 63 + 162 + 182 + 390 \\
 797 &:= 1^4 + 11^1 + 28^2 + 39^0 = 14 + 111 + 282 + 390 & 797 &:= 8^2 + 11^2 + 24^2 + 36^1 = 82 + 112 + 242 + 361 \\
 797 &:= 13^2 + 14^2 + 20^2 + 32^1 = 132 + 142 + 202 + 321 & 797 &:= 8^2 + 13^2 + 23^2 + 35^1 = 82 + 132 + 232 + 351 \\
 797 &:= 2^0 + 3^6 + 8^0 + 66^1 = 20 + 36 + 80 + 661 & 797 &:= 1^1 + 8^3 + 16^2 + 27^0 + 27^1 = 11 + 83 + 162 + 270 + 271 \\
 797 &:= 2^1 + 5^4 + 13^2 + 59^0 = 21 + 54 + 132 + 590 & 797 &:= 1^2 + 10^2 + 19^1 + 23^0 + 26^2 = 12 + 102 + 191 + 230 + 262 \\
 797 &:= 2^2 + 15^2 + 23^2 + 39^1 = 22 + 152 + 232 + 391 & 797 &:= 1^2 + 12^2 + 15^0 + 25^2 + 26^1 = 12 + 122 + 150 + 252 + 261 \\
 797 &:= 2^2 + 2^3 + 28^2 + 47^0 = 22 + 23 + 282 + 470 & 797 &:= 1^2 + 14^2 + 17^0 + 23^1 + 24^2 = 12 + 142 + 170 + 231 + 242 \\
 797 &:= 2^2 + 6^3 + 24^2 + 47^0 = 22 + 63 + 242 + 470 & 797 &:= 1^2 + 17^0 + 17^2 + 22^1 + 22^2 = 12 + 170 + 172 + 221 + 222 \\
 797 &:= 2^3 + 9^0 + 9^3 + 59^1 = 23 + 90 + 93 + 591 & 797 &:= 1^2 + 7^2 + 17^1 + 27^0 + 27^2 = 12 + 72 + 171 + 270 + 272 \\
 797 &:= 3^0 + 3^6 + 7^0 + 66^1 = 30 + 36 + 70 + 661 & 797 &:= 1^3 + 13^0 + 13^2 + 25^2 + 27^0 = 13 + 130 + 132 + 252 + 270 \\
 797 &:= 3^1 + 4^3 + 9^3 + 63^0 = 31 + 43 + 93 + 630 & 797 &:= 1^3 + 13^2 + 14^0 + 25^2 + 26^0 = 13 + 132 + 140 + 252 + 260 \\
 797 &:= 3^3 + 12^2 + 25^2 + 39^0 = 33 + 122 + 252 + 390 & 797 &:= 1^3 + 13^2 + 15^0 + 25^0 + 25^2 = 13 + 132 + 150 + 250 + 252 \\
 797 &:= 3^3 + 9^3 + 27^0 + 40^1 = 33 + 93 + 270 + 401 & 797 &:= 1^3 + 13^2 + 16^0 + 24^0 + 25^2 = 13 + 132 + 160 + 240 + 252 \\
 797 &:= 3^4 + 11^0 + 26^2 + 39^1 = 34 + 110 + 262 + 391 & 797 &:= 1^3 + 13^2 + 17^0 + 23^0 + 25^2 = 13 + 132 + 170 + 230 + 252 \\
 797 &:= 3^6 + 4^0 + 6^0 + 66^1 = 36 + 40 + 60 + 661 & 797 &:= 1^3 + 13^2 + 18^0 + 22^0 + 25^2 = 13 + 132 + 180 + 220 + 252 \\
 797 &:= 3^6 + 5^0 + 5^0 + 66^1 = 36 + 50 + 50 + 661 & 797 &:= 1^3 + 13^2 + 19^0 + 21^0 + 25^2 = 13 + 132 + 190 + 210 + 252 \\
 797 &:= 3^6 + 9^0 + 67^1 = 36 + 90 + 671 & 797 &:= 1^3 + 13^2 + 20^0 + 20^0 + 25^2 = 13 + 132 + 200 + 200 + 252 \\
 797 &:= 4^2 + 8^2 + 26^2 + 41^1 = 42 + 82 + 262 + 411 & 797 &:= 10^1 + 13^2 + 16^2 + 19^2 + 21^0 = 101 + 132 + 162 + 192 + 210 \\
 797 &:= 4^4 + 11^1 + 23^2 + 41^0 = 44 + 111 + 232 + 410 & 797 &:= 10^2 + 10^2 + 15^0 + 20^1 + 24^2 = 102 + 102 + 150 + 201 + 242 \\
 797 &:= 5^4 + 11^2 + 13^0 + 50^1 = 54 + 112 + 130 + 501 & 797 &:= 10^2 + 11^0 + 12^2 + 23^1 + 23^2 = 102 + 110 + 122 + 231 + 232
 \end{aligned}$$

$$\begin{aligned} 797 &:= 10^2 + 11^1 + 18^2 + 19^2 + 21^0 = 102 + 111 + 182 + 192 + 210 & 797 &:= 4^1 + 8^3 + 16^2 + 24^1 + 27^0 = 41 + 83 + 162 + 241 + 270 \\ 797 &:= 10^2 + 14^2 + 16^1 + 17^0 + 22^2 = 102 + 142 + 161 + 170 + 222 & 797 &:= 4^2 + 11^0 + 15^2 + 23^2 + 26^1 = 42 + 110 + 152 + 232 + 261 \\ 797 &:= 11^0 + 11^2 + 13^2 + 22^1 + 22^2 = 110 + 112 + 132 + 221 + 222 & 797 &:= 4^2 + 11^1 + 12^2 + 25^2 + 27^0 = 42 + 111 + 122 + 252 + 270 \\ 797 &:= 11^0 + 14^2 + 16^2 + 18^2 + 20^1 = 110 + 142 + 162 + 182 + 201 & 797 &:= 4^2 + 15^1 + 18^2 + 21^0 + 21^2 = 42 + 151 + 182 + 210 + 212 \\ 797 &:= 11^2 + 13^0 + 16^2 + 19^1 + 20^2 = 112 + 130 + 162 + 191 + 202 & 797 &:= 4^2 + 17^0 + 19^1 + 19^2 + 20^2 = 42 + 170 + 191 + 192 + 202 \\ 797 &:= 12^2 + 14^2 + 15^1 + 17^0 + 21^2 = 122 + 142 + 151 + 170 + 212 & 797 &:= 4^2 + 5^2 + 17^0 + 26^1 + 27^2 = 42 + 52 + 170 + 261 + 272 \\ 797 &:= 13^2 + 13^2 + 15^0 + 17^1 + 21^2 = 132 + 132 + 150 + 171 + 212 & 797 &:= 4^2 + 6^2 + 15^1 + 27^0 + 27^2 = 42 + 62 + 151 + 270 + 272 \\ 797 &:= 13^2 + 14^1 + 17^0 + 17^2 + 18^2 = 132 + 141 + 170 + 172 + 182 & 797 &:= 4^2 + 9^2 + 17^0 + 23^1 + 26^2 = 42 + 92 + 170 + 231 + 262 \\ 797 &:= 14^1 + 14^2 + 15^2 + 17^0 + 19^2 = 141 + 142 + 152 + 170 + 192 & 797 &:= 4^2 + 9^3 + 15^0 + 24^1 + 27^1 = 42 + 93 + 150 + 241 + 271 \\ 797 &:= 2^1 + 8^3 + 16^2 + 26^1 + 27^0 = 21 + 83 + 162 + 261 + 270 & 797 &:= 4^2 + 9^3 + 15^0 + 25^1 + 26^1 = 42 + 93 + 150 + 251 + 261 \\ 797 &:= 2^2 + 10^2 + 16^1 + 25^0 + 26^2 = 22 + 102 + 161 + 250 + 262 & 797 &:= 4^4 + 10^1 + 15^0 + 23^2 + 27^0 = 44 + 101 + 150 + 232 + 270 \\ 797 &:= 2^2 + 11^0 + 18^2 + 21^2 + 27^1 = 22 + 110 + 182 + 212 + 271 & 797 &:= 4^4 + 10^1 + 16^0 + 23^2 + 26^0 = 44 + 101 + 160 + 232 + 260 \\ 797 &:= 2^2 + 12^2 + 17^0 + 23^1 + 25^2 = 22 + 122 + 170 + 231 + 252 & 797 &:= 4^4 + 10^1 + 17^0 + 23^2 + 25^0 = 44 + 101 + 170 + 232 + 250 \\ 797 &:= 2^2 + 14^2 + 19^0 + 20^1 + 24^2 = 22 + 142 + 190 + 201 + 242 & 797 &:= 4^4 + 10^1 + 18^0 + 23^2 + 24^0 = 44 + 101 + 180 + 232 + 240 \\ 797 &:= 2^2 + 17^2 + 19^0 + 19^1 + 22^2 = 22 + 172 + 190 + 191 + 222 & 797 &:= 4^4 + 10^1 + 19^0 + 23^0 + 23^2 = 44 + 101 + 190 + 230 + 232 \\ 797 &:= 2^2 + 6^2 + 17^0 + 27^1 + 27^2 = 22 + 62 + 170 + 271 + 272 & 797 &:= 4^4 + 10^1 + 20^0 + 22^0 + 23^2 = 44 + 101 + 200 + 220 + 232 \\ 797 &:= 3^0 + 5^3 + 19^1 + 25^2 + 27^1 = 30 + 53 + 191 + 252 + 271 & 797 &:= 4^4 + 10^1 + 21^0 + 21^0 + 23^2 = 44 + 101 + 210 + 210 + 232 \\ 797 &:= 3^0 + 5^3 + 20^1 + 25^2 + 26^1 = 30 + 53 + 201 + 252 + 261 & 797 &:= 5^0 + 11^2 + 18^2 + 18^2 + 27^1 = 50 + 112 + 182 + 182 + 271 \\ 797 &:= 3^0 + 5^3 + 21^1 + 25^1 + 25^2 = 30 + 53 + 211 + 251 + 252 & 797 &:= 5^0 + 12^2 + 15^2 + 20^2 + 27^1 = 50 + 122 + 152 + 202 + 271 \\ 797 &:= 3^0 + 5^3 + 22^1 + 24^1 + 25^2 = 30 + 53 + 221 + 241 + 252 & 797 &:= 5^0 + 15^2 + 16^2 + 17^2 + 26^1 = 50 + 152 + 162 + 172 + 261 \\ 797 &:= 3^0 + 5^3 + 23^1 + 23^1 + 25^2 = 30 + 53 + 231 + 231 + 252 & 797 &:= 5^1 + 8^3 + 16^2 + 23^1 + 27^0 = 51 + 83 + 162 + 231 + 270 \\ 797 &:= 3^1 + 8^3 + 16^2 + 25^1 + 27^0 = 31 + 83 + 162 + 251 + 270 & 797 &:= 5^2 + 10^1 + 19^2 + 20^2 + 25^0 = 52 + 101 + 192 + 202 + 250 \\ 797 &:= 3^2 + 11^0 + 19^2 + 20^2 + 26^1 = 32 + 110 + 192 + 202 + 261 & 797 &:= 5^2 + 11^0 + 13^2 + 24^2 + 26^1 = 52 + 110 + 132 + 242 + 261 \\ 797 &:= 3^2 + 12^2 + 18^1 + 21^0 + 25^2 = 32 + 122 + 181 + 210 + 252 & 797 &:= 5^2 + 11^2 + 13^0 + 25^1 + 25^2 = 52 + 112 + 130 + 251 + 252 \\ 797 &:= 3^2 + 14^1 + 17^2 + 22^2 + 23^0 = 32 + 141 + 172 + 222 + 230 & 797 &:= 5^2 + 15^2 + 17^1 + 19^0 + 23^2 = 52 + 152 + 171 + 190 + 232 \\ 797 &:= 3^2 + 14^2 + 15^1 + 23^0 + 24^2 = 32 + 142 + 151 + 230 + 242 & 797 &:= 5^2 + 5^2 + 17^1 + 25^0 + 27^2 = 52 + 52 + 171 + 250 + 272 \\ 797 &:= 3^2 + 15^0 + 18^2 + 21^2 + 22^1 = 32 + 150 + 182 + 212 + 221 & 797 &:= 5^2 + 9^2 + 14^1 + 25^0 + 26^2 = 52 + 92 + 141 + 250 + 262 \\ 797 &:= 3^2 + 6^2 + 21^0 + 22^1 + 27^2 = 32 + 62 + 210 + 221 + 272 & 797 &:= 5^2 + 9^3 + 15^1 + 23^0 + 27^1 = 52 + 93 + 151 + 230 + 271 \\ 797 &:= 3^3 + 9^0 + 13^1 + 27^1 + 27^2 = 33 + 90 + 131 + 271 + 272 & 797 &:= 5^2 + 9^3 + 16^1 + 23^0 + 26^1 = 52 + 93 + 161 + 230 + 261 \\ 797 &:= 3^3 + 9^0 + 14^1 + 26^1 + 27^2 = 33 + 90 + 141 + 261 + 272 & 797 &:= 5^2 + 9^3 + 17^1 + 23^0 + 25^1 = 52 + 93 + 171 + 230 + 251 \\ 797 &:= 3^3 + 9^0 + 15^1 + 25^1 + 27^2 = 33 + 90 + 151 + 251 + 272 & 797 &:= 5^2 + 9^3 + 18^1 + 23^0 + 24^1 = 52 + 93 + 181 + 230 + 241 \\ 797 &:= 3^3 + 9^0 + 16^1 + 24^1 + 27^2 = 33 + 90 + 161 + 241 + 272 & 797 &:= 5^2 + 9^3 + 19^1 + 23^0 + 23^1 = 52 + 93 + 191 + 230 + 231 \\ 797 &:= 3^3 + 9^0 + 17^1 + 23^1 + 27^2 = 33 + 90 + 171 + 231 + 272 & 797 &:= 5^2 + 9^3 + 20^1 + 22^1 + 23^0 = 52 + 93 + 201 + 221 + 230 \\ 797 &:= 3^3 + 9^0 + 18^1 + 22^1 + 27^2 = 33 + 90 + 181 + 221 + 272 & 797 &:= 5^2 + 9^3 + 21^1 + 21^1 + 23^0 = 52 + 93 + 211 + 211 + 230 \\ 797 &:= 3^3 + 9^0 + 19^1 + 21^1 + 27^2 = 33 + 90 + 191 + 211 + 272 & 797 &:= 5^4 + 10^0 + 12^2 + 26^0 + 26^1 = 54 + 100 + 122 + 260 + 261 \\ 797 &:= 3^3 + 9^0 + 20^1 + 20^1 + 27^2 = 33 + 90 + 201 + 201 + 272 & 797 &:= 5^4 + 11^0 + 12^2 + 25^0 + 26^1 = 54 + 110 + 122 + 250 + 261 \\ 797 &:= 4^1 + 12^2 + 18^2 + 18^2 + 27^0 = 41 + 122 + 182 + 182 + 270 & 797 &:= 5^4 + 12^0 + 12^2 + 24^0 + 26^1 = 54 + 120 + 122 + 240 + 261 \\ 797 &:= 4^1 + 14^2 + 14^2 + 20^2 + 27^0 = 41 + 142 + 142 + 202 + 270 & 797 &:= 5^4 + 12^2 + 13^0 + 23^0 + 26^1 = 54 + 122 + 130 + 230 + 261 \end{aligned}$$

$797 := 5^4 + 12^2 + 14^0 + 22^0 + 26^1 = 54 + 122 + 140 + 220 + 261$	$797 := 7^3 + 14^2 + 16^2 + 17^0 + 25^0 = 73 + 142 + 162 + 170 + 250$
$797 := 5^4 + 12^2 + 15^0 + 21^0 + 26^1 = 54 + 122 + 150 + 210 + 261$	$797 := 7^3 + 14^2 + 16^2 + 18^0 + 24^0 = 73 + 142 + 162 + 180 + 240$
$797 := 5^4 + 12^2 + 16^0 + 20^0 + 26^1 = 54 + 122 + 160 + 200 + 261$	$797 := 7^3 + 14^2 + 16^2 + 19^0 + 23^0 = 73 + 142 + 162 + 190 + 230$
$797 := 5^4 + 12^2 + 17^0 + 19^0 + 26^1 = 54 + 122 + 170 + 190 + 261$	$797 := 7^3 + 14^2 + 16^2 + 20^0 + 22^0 = 73 + 142 + 162 + 200 + 220$
$797 := 5^4 + 12^2 + 18^0 + 18^0 + 26^1 = 54 + 122 + 180 + 180 + 261$	$797 := 7^3 + 14^2 + 16^2 + 21^0 + 21^0 = 73 + 142 + 162 + 210 + 210$
$797 := 5^4 + 9^0 + 12^2 + 26^1 + 27^0 = 54 + 90 + 122 + 261 + 270$	$797 := 8^1 + 8^2 + 18^2 + 20^2 + 25^0 = 81 + 82 + 182 + 202 + 250$
$797 := 6^1 + 8^3 + 16^2 + 22^1 + 27^0 = 61 + 83 + 162 + 221 + 270$	$797 := 8^1 + 8^3 + 16^2 + 20^1 + 27^0 = 81 + 83 + 162 + 201 + 270$
$797 := 6^1 + 9^2 + 15^2 + 22^2 + 27^0 = 61 + 92 + 152 + 222 + 270$	$797 := 8^2 + 10^1 + 19^2 + 19^2 + 23^0 = 82 + 101 + 192 + 192 + 230$
$797 := 6^2 + 11^2 + 14^1 + 23^0 + 25^2 = 62 + 112 + 141 + 230 + 252$	$797 := 8^2 + 11^0 + 15^2 + 22^2 + 23^1 = 82 + 110 + 152 + 222 + 231$
$797 := 6^2 + 13^2 + 15^1 + 21^0 + 24^2 = 62 + 132 + 151 + 210 + 242$	$797 := 8^2 + 12^1 + 12^2 + 23^0 + 24^2 = 82 + 121 + 122 + 230 + 242$
$797 := 6^2 + 15^0 + 16^2 + 20^1 + 22^2 = 62 + 150 + 162 + 201 + 222$	$797 := 8^2 + 9^2 + 11^0 + 25^2 + 26^1 = 82 + 92 + 110 + 252 + 261$
$797 := 6^2 + 8^2 + 19^0 + 20^1 + 26^2 = 62 + 82 + 190 + 201 + 262$	$797 := 8^3 + 10^1 + 16^2 + 18^1 + 27^0 = 83 + 101 + 162 + 181 + 270$
$797 := 7^0 + 11^2 + 17^2 + 19^2 + 25^1 = 70 + 112 + 172 + 192 + 251$	$797 := 8^3 + 11^1 + 16^2 + 17^1 + 27^0 = 83 + 111 + 162 + 171 + 270$
$797 := 7^0 + 9^2 + 17^2 + 20^2 + 26^1 = 70 + 92 + 172 + 202 + 261$	$797 := 8^3 + 12^1 + 16^1 + 16^2 + 27^0 = 83 + 121 + 161 + 162 + 270$
$797 := 7^1 + 10^2 + 17^2 + 20^2 + 25^0 = 71 + 102 + 172 + 202 + 250$	$797 := 8^3 + 13^1 + 15^1 + 16^2 + 27^0 = 83 + 131 + 151 + 162 + 270$
$797 := 7^1 + 7^2 + 16^2 + 22^2 + 27^0 = 71 + 72 + 162 + 222 + 270$	$797 := 8^3 + 14^1 + 14^1 + 16^2 + 27^0 = 83 + 141 + 141 + 162 + 270$
$797 := 7^1 + 8^2 + 14^2 + 23^2 + 27^0 = 71 + 82 + 142 + 232 + 270$	$797 := 8^3 + 9^1 + 16^2 + 19^1 + 27^0 = 83 + 91 + 162 + 191 + 270$
$797 := 7^1 + 8^3 + 16^2 + 21^1 + 27^0 = 71 + 83 + 162 + 211 + 270$	$797 := 9^0 + 11^2 + 11^2 + 23^2 + 25^1 = 90 + 112 + 112 + 232 + 251$
$797 := 7^2 + 10^2 + 15^0 + 22^1 + 25^2 = 72 + 102 + 150 + 221 + 252$	$797 := 9^0 + 12^2 + 12^2 + 22^2 + 24^1 = 90 + 122 + 122 + 222 + 241$
$797 := 7^2 + 11^0 + 18^2 + 20^2 + 23^1 = 72 + 110 + 182 + 202 + 231$	$797 := 9^0 + 14^2 + 17^2 + 17^2 + 22^1 = 90 + 142 + 172 + 172 + 221$
$797 := 7^2 + 13^0 + 14^2 + 22^1 + 23^2 = 72 + 130 + 142 + 221 + 232$	$797 := 9^0 + 15^2 + 15^2 + 18^2 + 22^1 = 90 + 152 + 152 + 182 + 221$
$797 := 7^2 + 17^0 + 17^1 + 17^2 + 21^2 = 72 + 170 + 171 + 172 + 212$	$797 := 9^1 + 11^2 + 15^2 + 21^2 + 23^0 = 91 + 112 + 152 + 212 + 230$
$797 := 7^2 + 7^2 + 17^0 + 22^1 + 26^2 = 72 + 72 + 170 + 221 + 262$	$797 := 9^1 + 9^2 + 9^2 + 25^2 + 27^0 = 91 + 92 + 92 + 252 + 270$
$797 := 7^2 + 9^0 + 12^2 + 24^2 + 27^1 = 72 + 90 + 122 + 242 + 271$	$797 := 9^2 + 11^2 + 17^0 + 18^1 + 24^2 = 92 + 112 + 170 + 181 + 242$
$797 := 7^2 + 9^0 + 19^2 + 19^2 + 25^1 = 72 + 90 + 192 + 192 + 251$	$797 := 9^2 + 13^2 + 17^0 + 17^1 + 23^2 = 92 + 132 + 170 + 171 + 232$
$797 := 7^3 + 14^2 + 15^0 + 16^2 + 27^0 = 73 + 142 + 150 + 162 + 270$	$797 := 9^2 + 15^0 + 16^2 + 18^1 + 21^2 = 92 + 150 + 162 + 181 + 212$
$797 := 7^3 + 14^2 + 16^0 + 16^2 + 26^0 = 73 + 142 + 160 + 162 + 260$	

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$798 := 1^1 + 3^6 + 8^0 + 67^1 = 11 + 36 + 80 + 671$	$798 := 2^1 + 3^6 + 8^0 + 66^1 = 21 + 36 + 80 + 661$
$798 := 1^4 + 2^0 + 9^3 + 67^1 = 14 + 20 + 93 + 671$	$798 := 2^2 + 4^3 + 9^3 + 64^0 = 22 + 43 + 93 + 640$
$798 := 1^5 + 1^9 + 9^3 + 67^1 = 15 + 19 + 93 + 671$	$798 := 2^4 + 9^3 + 16^0 + 52^1 = 24 + 93 + 160 + 521$
$798 := 1^5 + 12^1 + 28^2 + 38^0 = 15 + 121 + 282 + 380$	$798 := 2^5 + 14^0 + 27^2 + 36^1 = 25 + 140 + 272 + 361$
$798 := 1^5 + 2^9 + 6^3 + 69^1 = 15 + 29 + 63 + 691$	$798 := 2^8 + 2^9 + 29^1 + 45^0 = 28 + 29 + 291 + 450$
$798 := 1^6 + 1^8 + 9^3 + 67^1 = 16 + 18 + 93 + 671$	$798 := 3^1 + 3^6 + 8^0 + 65^1 = 31 + 36 + 80 + 651$
$798 := 1^6 + 2^9 + 15^2 + 60^1 = 16 + 29 + 152 + 601$	$798 := 3^5 + 23^2 + 25^1 + 28^0 = 35 + 232 + 251 + 280$
$798 := 1^7 + 1^7 + 9^3 + 67^1 = 17 + 17 + 93 + 671$	$798 := 3^6 + 4^1 + 8^0 + 64^1 = 36 + 41 + 80 + 641$

$$\begin{aligned}
 798 &:= 3^6 + 5^1 + 8^0 + 63^1 &= 36 + 51 + 80 + 631 & 798 &:= 2^0 + 3^5 + 23^2 + 24^1 + 27^0 &= 20 + 35 + 232 + 241 + 270 \\
 798 &:= 3^6 + 6^1 + 8^0 + 62^1 &= 36 + 61 + 80 + 621 & 798 &:= 2^3 + 12^2 + 20^0 + 20^1 + 25^2 &= 23 + 122 + 200 + 201 + 252 \\
 798 &:= 3^6 + 7^1 + 8^0 + 61^1 &= 36 + 71 + 80 + 611 & 798 &:= 2^3 + 14^0 + 18^2 + 21^2 + 24^1 &= 23 + 140 + 182 + 212 + 241 \\
 798 &:= 3^6 + 8^0 + 10^1 + 58^1 &= 36 + 80 + 101 + 581 & 798 &:= 2^3 + 14^2 + 17^1 + 22^0 + 24^2 &= 23 + 142 + 171 + 220 + 242 \\
 798 &:= 3^6 + 8^0 + 11^1 + 57^1 &= 36 + 80 + 111 + 571 & 798 &:= 2^3 + 16^1 + 17^2 + 22^0 + 22^2 &= 23 + 161 + 172 + 220 + 222 \\
 798 &:= 3^6 + 8^0 + 12^1 + 56^1 &= 36 + 80 + 121 + 561 & 798 &:= 2^3 + 6^2 + 20^0 + 24^1 + 27^2 &= 23 + 62 + 200 + 241 + 272 \\
 798 &:= 3^6 + 8^0 + 13^1 + 55^1 &= 36 + 80 + 131 + 551 & 798 &:= 3^0 + 3^5 + 23^2 + 24^1 + 26^0 &= 30 + 35 + 232 + 241 + 260 \\
 798 &:= 3^6 + 8^0 + 14^1 + 54^1 &= 36 + 80 + 141 + 541 & 798 &:= 3^3 + 11^2 + 16^0 + 24^1 + 25^2 &= 33 + 112 + 160 + 241 + 252 \\
 798 &:= 3^6 + 8^0 + 15^1 + 53^1 &= 36 + 80 + 151 + 531 & 798 &:= 3^3 + 13^2 + 14^0 + 24^2 + 25^1 &= 33 + 132 + 140 + 242 + 251 \\
 798 &:= 3^6 + 8^0 + 16^1 + 52^1 &= 36 + 80 + 161 + 521 & 798 &:= 3^3 + 15^2 + 16^1 + 22^0 + 23^2 &= 33 + 152 + 161 + 220 + 232 \\
 798 &:= 3^6 + 8^0 + 17^1 + 51^1 &= 36 + 80 + 171 + 511 & 798 &:= 3^3 + 4^2 + 20^0 + 25^1 + 27^2 &= 33 + 42 + 200 + 251 + 272 \\
 798 &:= 3^6 + 8^0 + 18^1 + 50^1 &= 36 + 80 + 181 + 501 & 798 &:= 3^3 + 9^3 + 14^1 + 26^0 + 27^1 &= 33 + 93 + 141 + 260 + 271 \\
 798 &:= 3^6 + 8^0 + 19^1 + 49^1 &= 36 + 80 + 191 + 491 & 798 &:= 3^3 + 9^3 + 15^1 + 26^0 + 26^1 &= 33 + 93 + 151 + 260 + 261 \\
 798 &:= 3^6 + 8^0 + 20^1 + 48^1 &= 36 + 80 + 201 + 481 & 798 &:= 3^3 + 9^3 + 16^1 + 25^1 + 26^0 &= 33 + 93 + 161 + 251 + 260 \\
 798 &:= 3^6 + 8^0 + 21^1 + 47^1 &= 36 + 80 + 211 + 471 & 798 &:= 3^3 + 9^3 + 17^1 + 24^1 + 26^0 &= 33 + 93 + 171 + 241 + 260 \\
 798 &:= 3^6 + 8^0 + 22^1 + 46^1 &= 36 + 80 + 221 + 461 & 798 &:= 3^3 + 9^3 + 18^1 + 23^1 + 26^0 &= 33 + 93 + 181 + 231 + 260 \\
 798 &:= 3^6 + 8^0 + 23^1 + 45^1 &= 36 + 80 + 231 + 451 & 798 &:= 3^3 + 9^3 + 19^1 + 22^1 + 26^0 &= 33 + 93 + 191 + 221 + 260 \\
 798 &:= 3^6 + 8^0 + 24^1 + 44^1 &= 36 + 80 + 241 + 441 & 798 &:= 3^3 + 9^3 + 20^1 + 21^1 + 26^0 &= 33 + 93 + 201 + 211 + 260 \\
 798 &:= 3^6 + 8^0 + 25^1 + 43^1 &= 36 + 80 + 251 + 431 & 798 &:= 3^4 + 10^0 + 13^1 + 26^2 + 27^1 &= 34 + 100 + 131 + 262 + 271 \\
 798 &:= 3^6 + 8^0 + 26^1 + 42^1 &= 36 + 80 + 261 + 421 & 798 &:= 3^4 + 10^0 + 14^1 + 26^1 + 26^2 &= 34 + 100 + 141 + 261 + 262 \\
 798 &:= 3^6 + 8^0 + 27^1 + 41^1 &= 36 + 80 + 271 + 411 & 798 &:= 3^4 + 10^0 + 15^1 + 25^1 + 26^2 &= 34 + 100 + 151 + 251 + 262 \\
 798 &:= 3^6 + 8^0 + 28^1 + 40^1 &= 36 + 80 + 281 + 401 & 798 &:= 3^4 + 10^0 + 16^1 + 24^1 + 26^2 &= 34 + 100 + 161 + 241 + 262 \\
 798 &:= 3^6 + 8^0 + 29^1 + 39^1 &= 36 + 80 + 291 + 391 & 798 &:= 3^4 + 10^0 + 17^1 + 23^1 + 26^2 &= 34 + 100 + 171 + 231 + 262 \\
 798 &:= 3^6 + 8^0 + 30^1 + 38^1 &= 36 + 80 + 301 + 381 & 798 &:= 3^4 + 10^0 + 18^1 + 22^1 + 26^2 &= 34 + 100 + 181 + 221 + 262 \\
 798 &:= 3^6 + 8^0 + 31^1 + 37^1 &= 36 + 80 + 311 + 371 & 798 &:= 3^4 + 10^0 + 19^1 + 21^1 + 26^2 &= 34 + 100 + 191 + 211 + 262 \\
 798 &:= 3^6 + 8^0 + 32^1 + 36^1 &= 36 + 80 + 321 + 361 & 798 &:= 3^4 + 10^0 + 20^1 + 20^1 + 26^2 &= 34 + 100 + 201 + 201 + 262 \\
 798 &:= 3^6 + 8^0 + 33^1 + 35^1 &= 36 + 80 + 331 + 351 & 798 &:= 3^5 + 10^0 + 19^0 + 23^2 + 24^1 &= 35 + 100 + 190 + 232 + 241 \\
 798 &:= 3^6 + 8^0 + 34^1 + 34^1 &= 36 + 80 + 341 + 341 & 798 &:= 3^5 + 11^0 + 18^0 + 23^2 + 24^1 &= 35 + 110 + 180 + 232 + 241 \\
 798 &:= 3^6 + 8^0 + 8^1 + 60^1 &= 36 + 80 + 81 + 601 & 798 &:= 3^5 + 12^0 + 17^0 + 23^2 + 24^1 &= 35 + 120 + 170 + 232 + 241 \\
 798 &:= 3^6 + 8^0 + 9^1 + 59^1 &= 36 + 80 + 91 + 591 & 798 &:= 3^5 + 13^0 + 16^0 + 23^2 + 24^1 &= 35 + 130 + 160 + 232 + 241 \\
 798 &:= 4^4 + 10^2 + 21^2 + 44^0 &= 44 + 102 + 212 + 440 & 798 &:= 3^5 + 14^0 + 15^0 + 23^2 + 24^1 &= 35 + 140 + 150 + 232 + 241 \\
 798 &:= 4^4 + 8^3 + 29^1 + 38^0 &= 44 + 83 + 291 + 380 & 798 &:= 3^5 + 4^0 + 23^2 + 24^1 + 25^0 &= 35 + 40 + 232 + 241 + 250 \\
 798 &:= 5^3 + 5^4 + 22^0 + 47^1 &= 53 + 54 + 220 + 471 & 798 &:= 3^5 + 5^0 + 23^2 + 24^0 + 24^1 &= 35 + 50 + 232 + 240 + 241 \\
 798 &:= 1^3 + 10^2 + 20^1 + 22^0 + 26^2 &= 13 + 102 + 201 + 220 + 262 & 798 &:= 3^5 + 6^0 + 23^0 + 23^2 + 24^1 &= 35 + 60 + 230 + 232 + 241 \\
 798 &:= 1^3 + 12^2 + 14^0 + 25^2 + 27^1 &= 13 + 122 + 140 + 252 + 271 & 798 &:= 3^5 + 7^0 + 22^0 + 23^2 + 24^1 &= 35 + 70 + 220 + 232 + 241 \\
 798 &:= 1^3 + 14^2 + 16^0 + 24^1 + 24^2 &= 13 + 142 + 160 + 241 + 242 & 798 &:= 3^5 + 8^0 + 21^0 + 23^2 + 24^1 &= 35 + 80 + 210 + 232 + 241 \\
 798 &:= 1^3 + 16^0 + 17^2 + 22^2 + 23^1 &= 13 + 160 + 172 + 222 + 231 & 798 &:= 3^5 + 9^0 + 20^0 + 23^2 + 24^1 &= 35 + 90 + 200 + 232 + 241 \\
 798 &:= 1^3 + 7^2 + 18^1 + 26^0 + 27^2 &= 13 + 72 + 181 + 260 + 272 & 798 &:= 4^3 + 11^1 + 19^2 + 19^2 + 26^0 &= 43 + 111 + 192 + 192 + 260
 \end{aligned}$$

$$\begin{aligned}
 798 &:= 4^3 + 12^2 + 13^1 + 24^2 + 26^0 = 43 + 122 + 131 + 242 + 260 \\
 798 &:= 4^3 + 14^0 + 15^2 + 22^2 + 24^1 = 43 + 140 + 152 + 222 + 241 \\
 798 &:= 4^3 + 6^2 + 21^1 + 22^0 + 26^2 = 43 + 62 + 211 + 220 + 262 \\
 798 &:= 4^3 + 9^2 + 14^0 + 25^2 + 27^1 = 43 + 92 + 140 + 252 + 271 \\
 798 &:= 5^2 + 5^3 + 22^0 + 22^1 + 25^2 = 52 + 53 + 220 + 221 + 252 \\
 798 &:= 5^2 + 6^3 + 18^0 + 23^2 + 27^1 = 52 + 63 + 180 + 232 + 271 \\
 798 &:= 5^3 + 11^2 + 18^0 + 22^1 + 23^2 = 53 + 112 + 180 + 221 + 232 \\
 798 &:= 5^3 + 13^2 + 19^1 + 20^0 + 22^2 = 53 + 132 + 191 + 200 + 222 \\
 798 &:= 5^3 + 14^0 + 18^2 + 18^2 + 24^1 = 53 + 140 + 182 + 182 + 241 \\
 798 &:= 5^3 + 16^0 + 17^2 + 19^2 + 22^1 = 53 + 160 + 172 + 192 + 221 \\
 798 &:= 5^3 + 16^1 + 16^2 + 20^2 + 22^0 = 53 + 161 + 162 + 202 + 220 \\
 798 &:= 5^3 + 9^2 + 15^1 + 24^2 + 26^0 = 53 + 92 + 151 + 242 + 260
 \end{aligned}$$

$$\begin{aligned}
 798 &:= 5^4 + 11^2 + 12^0 + 24^1 + 27^1 = 54 + 112 + 120 + 241 + 271 \\
 798 &:= 5^4 + 11^2 + 12^0 + 25^1 + 26^1 = 54 + 112 + 120 + 251 + 261 \\
 798 &:= 6^2 + 12^2 + 16^2 + 19^2 + 26^0 = 62 + 122 + 162 + 192 + 260 \\
 798 &:= 6^2 + 8^3 + 15^2 + 24^1 + 26^0 = 62 + 83 + 152 + 241 + 260 \\
 798 &:= 6^3 + 11^2 + 19^1 + 21^2 + 22^0 = 63 + 112 + 191 + 212 + 220 \\
 798 &:= 6^3 + 14^2 + 16^0 + 19^2 + 24^1 = 63 + 142 + 160 + 192 + 241 \\
 798 &:= 6^3 + 9^2 + 16^1 + 22^2 + 26^0 = 63 + 92 + 161 + 222 + 260 \\
 798 &:= 7^2 + 10^2 + 18^2 + 18^2 + 26^0 = 72 + 102 + 182 + 182 + 260 \\
 798 &:= 7^3 + 12^2 + 17^2 + 21^1 + 22^0 = 73 + 122 + 172 + 211 + 220 \\
 798 &:= 8^2 + 8^3 + 14^2 + 24^0 + 25^1 = 82 + 83 + 142 + 240 + 251 \\
 798 &:= 9^2 + 14^2 + 14^2 + 18^2 + 24^0 = 92 + 142 + 142 + 182 + 240
 \end{aligned}$$

2.2.700 Number 799

$$\begin{aligned}
 799 &:= 1^5 + 9^3 + 69^1 &= 15 + 93 + 691 \\
 799 &:= 1^0 + 1^5 + 9^3 + 68^1 &= 10 + 15 + 93 + 681 \\
 799 &:= 1^1 + 1^4 + 9^3 + 68^1 &= 11 + 14 + 93 + 681 \\
 799 &:= 1^2 + 1^3 + 9^3 + 68^1 &= 12 + 13 + 93 + 681 \\
 799 &:= 1^2 + 3^6 + 7^0 + 68^1 &= 12 + 36 + 70 + 681 \\
 799 &:= 1^3 + 5^3 + 25^2 + 48^1 &= 13 + 53 + 252 + 481 \\
 799 &:= 1^4 + 2^1 + 9^3 + 67^1 &= 14 + 21 + 93 + 671 \\
 799 &:= 1^4 + 3^1 + 9^3 + 66^1 &= 14 + 31 + 93 + 661 \\
 799 &:= 1^4 + 4^1 + 9^3 + 65^1 &= 14 + 41 + 93 + 651 \\
 799 &:= 1^4 + 5^1 + 9^3 + 64^1 &= 14 + 51 + 93 + 641 \\
 799 &:= 1^4 + 6^1 + 9^3 + 63^1 &= 14 + 61 + 93 + 631 \\
 799 &:= 1^4 + 7^1 + 9^3 + 62^1 &= 14 + 71 + 93 + 621 \\
 799 &:= 1^4 + 8^1 + 9^3 + 61^1 &= 14 + 81 + 93 + 611 \\
 799 &:= 1^4 + 9^1 + 9^3 + 60^1 &= 14 + 91 + 93 + 601 \\
 799 &:= 1^4 + 9^3 + 10^1 + 59^1 &= 14 + 93 + 101 + 591 \\
 799 &:= 1^4 + 9^3 + 11^1 + 58^1 &= 14 + 93 + 111 + 581 \\
 799 &:= 1^4 + 9^3 + 12^1 + 57^1 &= 14 + 93 + 121 + 571 \\
 799 &:= 1^4 + 9^3 + 13^1 + 56^1 &= 14 + 93 + 131 + 561 \\
 799 &:= 1^4 + 9^3 + 14^1 + 55^1 &= 14 + 93 + 141 + 551 \\
 799 &:= 1^4 + 9^3 + 15^1 + 54^1 &= 14 + 93 + 151 + 541 \\
 799 &:= 1^4 + 9^3 + 16^1 + 53^1 &= 14 + 93 + 161 + 531 \\
 799 &:= 1^4 + 9^3 + 17^1 + 52^1 &= 14 + 93 + 171 + 521 \\
 799 &:= 1^4 + 9^3 + 18^1 + 51^1 &= 14 + 93 + 181 + 511
 \end{aligned}$$

$$\begin{aligned}
 799 &:= 1^4 + 9^3 + 19^1 + 50^1 &= 14 + 93 + 191 + 501 \\
 799 &:= 1^4 + 9^3 + 20^1 + 49^1 &= 14 + 93 + 201 + 491 \\
 799 &:= 1^4 + 9^3 + 21^1 + 48^1 &= 14 + 93 + 211 + 481 \\
 799 &:= 1^4 + 9^3 + 22^1 + 47^1 &= 14 + 93 + 221 + 471 \\
 799 &:= 1^4 + 9^3 + 23^1 + 46^1 &= 14 + 93 + 231 + 461 \\
 799 &:= 1^4 + 9^3 + 24^1 + 45^1 &= 14 + 93 + 241 + 451 \\
 799 &:= 1^4 + 9^3 + 25^1 + 44^1 &= 14 + 93 + 251 + 441 \\
 799 &:= 1^4 + 9^3 + 26^1 + 43^1 &= 14 + 93 + 261 + 431 \\
 799 &:= 1^4 + 9^3 + 27^1 + 42^1 &= 14 + 93 + 271 + 421 \\
 799 &:= 1^4 + 9^3 + 28^1 + 41^1 &= 14 + 93 + 281 + 411 \\
 799 &:= 1^4 + 9^3 + 29^1 + 40^1 &= 14 + 93 + 291 + 401 \\
 799 &:= 1^4 + 9^3 + 30^1 + 39^1 &= 14 + 93 + 301 + 391 \\
 799 &:= 1^4 + 9^3 + 31^1 + 38^1 &= 14 + 93 + 311 + 381 \\
 799 &:= 1^4 + 9^3 + 32^1 + 37^1 &= 14 + 93 + 321 + 371 \\
 799 &:= 1^4 + 9^3 + 33^1 + 36^1 &= 14 + 93 + 331 + 361 \\
 799 &:= 1^4 + 9^3 + 34^1 + 35^1 &= 14 + 93 + 341 + 351 \\
 799 &:= 1^5 + 11^2 + 26^2 + 41^0 &= 15 + 112 + 262 + 410 \\
 799 &:= 1^5 + 9^3 + 69^1 &= 15 + 93 + 691 \\
 799 &:= 1^6 + 13^1 + 28^2 + 37^0 &= 16 + 131 + 282 + 370 \\
 799 &:= 2^2 + 3^6 + 9^0 + 65^1 &= 22 + 36 + 90 + 651 \\
 799 &:= 2^3 + 8^3 + 15^2 + 54^1 &= 23 + 83 + 152 + 541 \\
 799 &:= 2^4 + 8^2 + 26^2 + 43^1 &= 24 + 82 + 262 + 431 \\
 799 &:= 2^5 + 9^3 + 31^0 + 37^1 &= 25 + 93 + 310 + 371
 \end{aligned}$$

$799 := 2^6 + 5^1 + 27^2 + 45^0$	$= 26 + 51 + 272 + 450$	$799 := 1^4 + 10^2 + 21^0 + 21^1 + 26^2$	$= 14 + 102 + 210 + 211 + 262$
$799 := 3^2 + 3^6 + 13^0 + 60^1$	$= 32 + 36 + 130 + 601$	$799 := 1^4 + 12^1 + 16^2 + 23^2 + 27^0$	$= 14 + 121 + 162 + 232 + 270$
$799 := 3^2 + 4^4 + 22^2 + 50^1$	$= 32 + 44 + 222 + 501$	$799 := 1^4 + 14^2 + 15^0 + 24^2 + 25^1$	$= 14 + 142 + 150 + 242 + 251$
$799 := 3^2 + 6^3 + 8^3 + 62^1$	$= 32 + 63 + 83 + 621$	$799 := 1^4 + 15^0 + 17^2 + 22^2 + 24^1$	$= 14 + 150 + 172 + 222 + 241$
$799 := 3^4 + 10^2 + 24^2 + 42^1$	$= 34 + 102 + 242 + 421$	$799 := 1^4 + 7^2 + 19^1 + 25^0 + 27^2$	$= 14 + 72 + 191 + 250 + 272$
$799 := 3^4 + 7^2 + 25^2 + 44^1$	$= 34 + 72 + 252 + 441$	$799 := 10^2 + 12^2 + 13^2 + 19^2 + 25^1$	$= 102 + 122 + 132 + 192 + 251$
$799 := 3^5 + 8^3 + 25^0 + 43^1$	$= 35 + 83 + 250 + 431$	$799 := 10^2 + 15^2 + 15^2 + 15^2 + 24^1$	$= 102 + 152 + 152 + 152 + 241$
$799 := 3^6 + 4^2 + 19^0 + 53^1$	$= 36 + 42 + 190 + 531$	$799 := 11^2 + 13^2 + 14^2 + 17^2 + 24^1$	$= 112 + 132 + 142 + 172 + 241$
$799 := 3^6 + 5^1 + 8^2 + 63^0$	$= 36 + 51 + 82 + 630$	$799 := 2^1 + 3^5 + 23^2 + 24^1 + 27^0$	$= 21 + 35 + 232 + 241 + 270$
$799 := 3^6 + 5^2 + 27^0 + 44^1$	$= 36 + 52 + 270 + 441$	$799 := 2^3 + 4^2 + 19^1 + 27^1 + 27^2$	$= 23 + 42 + 191 + 271 + 272$
$799 := 3^6 + 6^2 + 33^1 + 37^0$	$= 36 + 62 + 331 + 370$	$799 := 2^3 + 4^2 + 20^1 + 26^1 + 27^2$	$= 23 + 42 + 201 + 261 + 272$
$799 := 3^6 + 7^2 + 20^1 + 49^0$	$= 36 + 72 + 201 + 490$	$799 := 2^3 + 4^2 + 21^1 + 25^1 + 27^2$	$= 23 + 42 + 211 + 251 + 272$
$799 := 4^3 + 4^3 + 25^2 + 46^1$	$= 43 + 43 + 252 + 461$	$799 := 2^3 + 4^2 + 22^1 + 24^1 + 27^2$	$= 23 + 42 + 221 + 241 + 272$
$799 := 4^3 + 8^3 + 13^2 + 54^1$	$= 43 + 83 + 132 + 541$	$799 := 2^3 + 4^2 + 23^1 + 23^1 + 27^2$	$= 23 + 42 + 231 + 231 + 272$
$799 := 1^1 + 3^5 + 23^2 + 25^1 + 27^0$	$= 11 + 35 + 232 + 251 + 270$	$799 := 2^4 + 12^2 + 13^1 + 25^2 + 27^0$	$= 24 + 122 + 131 + 252 + 270$
$799 := 1^2 + 5^3 + 21^1 + 25^2 + 27^1$	$= 12 + 53 + 211 + 252 + 271$	$799 := 2^4 + 17^0 + 19^2 + 20^2 + 21^1$	$= 24 + 170 + 192 + 202 + 211$
$799 := 1^2 + 5^3 + 22^1 + 25^2 + 26^1$	$= 12 + 53 + 221 + 252 + 261$	$799 := 2^4 + 17^1 + 18^2 + 21^0 + 21^2$	$= 24 + 171 + 182 + 210 + 212$
$799 := 1^2 + 5^3 + 23^1 + 25^1 + 25^2$	$= 12 + 53 + 231 + 251 + 252$	$799 := 2^4 + 6^2 + 17^1 + 27^0 + 27^2$	$= 24 + 62 + 171 + 270 + 272$
$799 := 1^2 + 5^3 + 24^1 + 24^1 + 25^2$	$= 12 + 53 + 241 + 241 + 252$	$799 := 2^4 + 9^2 + 17^0 + 25^1 + 26^2$	$= 24 + 92 + 170 + 251 + 262$
$799 := 1^3 + 9^3 + 15^1 + 27^1 + 27^1$	$= 13 + 93 + 151 + 271 + 271$	$799 := 2^4 + 9^3 + 15^0 + 26^1 + 27^1$	$= 24 + 93 + 150 + 261 + 271$
$799 := 1^3 + 9^3 + 16^1 + 26^1 + 27^1$	$= 13 + 93 + 161 + 261 + 271$	$799 := 2^5 + 10^1 + 13^0 + 27^1 + 27^2$	$= 25 + 101 + 130 + 271 + 272$
$799 := 1^3 + 9^3 + 17^1 + 25^1 + 27^1$	$= 13 + 93 + 171 + 251 + 271$	$799 := 2^5 + 11^0 + 18^2 + 21^2 + 27^0$	$= 25 + 110 + 182 + 212 + 270$
$799 := 1^3 + 9^3 + 17^1 + 26^1 + 26^1$	$= 13 + 93 + 171 + 261 + 261$	$799 := 2^5 + 11^1 + 13^0 + 26^1 + 27^2$	$= 25 + 111 + 130 + 261 + 272$
$799 := 1^3 + 9^3 + 18^1 + 24^1 + 27^1$	$= 13 + 93 + 181 + 241 + 271$	$799 := 2^5 + 12^0 + 18^2 + 21^2 + 26^0$	$= 25 + 120 + 182 + 212 + 260$
$799 := 1^3 + 9^3 + 18^1 + 25^1 + 26^1$	$= 13 + 93 + 181 + 251 + 261$	$799 := 2^5 + 12^1 + 13^0 + 25^1 + 27^2$	$= 25 + 121 + 130 + 251 + 272$
$799 := 1^3 + 9^3 + 19^1 + 23^1 + 27^1$	$= 13 + 93 + 191 + 231 + 271$	$799 := 2^5 + 13^0 + 13^1 + 24^1 + 27^2$	$= 25 + 130 + 131 + 241 + 272$
$799 := 1^3 + 9^3 + 19^1 + 24^1 + 26^1$	$= 13 + 93 + 191 + 241 + 261$	$799 := 2^5 + 13^0 + 14^1 + 23^1 + 27^2$	$= 25 + 130 + 141 + 231 + 272$
$799 := 1^3 + 9^3 + 19^1 + 25^1 + 25^1$	$= 13 + 93 + 191 + 251 + 251$	$799 := 2^5 + 13^0 + 15^1 + 22^1 + 27^2$	$= 25 + 130 + 151 + 221 + 272$
$799 := 1^3 + 9^3 + 20^1 + 22^1 + 27^1$	$= 13 + 93 + 201 + 221 + 271$	$799 := 2^5 + 13^0 + 16^1 + 21^1 + 27^2$	$= 25 + 130 + 161 + 211 + 272$
$799 := 1^3 + 9^3 + 20^1 + 23^1 + 26^1$	$= 13 + 93 + 201 + 231 + 261$	$799 := 2^5 + 13^0 + 17^1 + 20^1 + 27^2$	$= 25 + 130 + 171 + 201 + 272$
$799 := 1^3 + 9^3 + 20^1 + 24^1 + 25^1$	$= 13 + 93 + 201 + 241 + 251$	$799 := 2^5 + 13^0 + 18^1 + 19^1 + 27^2$	$= 25 + 130 + 181 + 191 + 272$
$799 := 1^3 + 9^3 + 21^1 + 21^1 + 27^1$	$= 13 + 93 + 211 + 211 + 271$	$799 := 2^5 + 13^0 + 18^2 + 21^2 + 25^0$	$= 25 + 130 + 182 + 212 + 250$
$799 := 1^3 + 9^3 + 21^1 + 22^1 + 26^1$	$= 13 + 93 + 211 + 221 + 261$	$799 := 2^5 + 14^0 + 18^2 + 21^2 + 24^0$	$= 25 + 140 + 182 + 212 + 240$
$799 := 1^3 + 9^3 + 21^1 + 23^1 + 25^1$	$= 13 + 93 + 211 + 231 + 251$	$799 := 2^5 + 15^0 + 18^2 + 21^2 + 23^0$	$= 25 + 150 + 182 + 212 + 230$
$799 := 1^3 + 9^3 + 21^1 + 24^1 + 24^1$	$= 13 + 93 + 211 + 241 + 241$	$799 := 2^5 + 16^0 + 18^2 + 21^2 + 22^0$	$= 25 + 160 + 182 + 212 + 220$
$799 := 1^3 + 9^3 + 22^1 + 22^1 + 25^1$	$= 13 + 93 + 221 + 221 + 251$	$799 := 2^5 + 17^0 + 18^2 + 21^0 + 21^2$	$= 25 + 170 + 182 + 210 + 212$
$799 := 1^3 + 9^3 + 22^1 + 23^1 + 24^1$	$= 13 + 93 + 221 + 231 + 241$	$799 := 2^5 + 18^0 + 18^2 + 20^0 + 21^2$	$= 25 + 180 + 182 + 200 + 212$
$799 := 1^3 + 9^3 + 23^1 + 23^1 + 23^1$	$= 13 + 93 + 231 + 231 + 231$	$799 := 2^5 + 18^2 + 19^0 + 19^0 + 21^2$	$= 25 + 182 + 190 + 190 + 212$

$$\begin{aligned}
 799 &:= 2^5 + 6^2 + 17^0 + 27^0 + 27^2 = 25 + 62 + 170 + 270 + 272 & 799 &:= 3^6 + 7^0 + 18^1 + 25^1 + 26^1 = 36 + 70 + 181 + 251 + 261 \\
 799 &:= 2^5 + 6^2 + 18^0 + 26^0 + 27^2 = 25 + 62 + 180 + 260 + 272 & 799 &:= 3^6 + 7^0 + 19^1 + 23^1 + 27^1 = 36 + 70 + 191 + 231 + 271 \\
 799 &:= 2^5 + 6^2 + 19^0 + 25^0 + 27^2 = 25 + 62 + 190 + 250 + 272 & 799 &:= 3^6 + 7^0 + 19^1 + 24^1 + 26^1 = 36 + 70 + 191 + 241 + 261 \\
 799 &:= 2^5 + 6^2 + 20^0 + 24^0 + 27^2 = 25 + 62 + 200 + 240 + 272 & 799 &:= 3^6 + 7^0 + 19^1 + 25^1 + 25^1 = 36 + 70 + 191 + 251 + 251 \\
 799 &:= 2^5 + 6^2 + 21^0 + 23^0 + 27^2 = 25 + 62 + 210 + 230 + 272 & 799 &:= 3^6 + 7^0 + 20^1 + 22^1 + 27^1 = 36 + 70 + 201 + 221 + 271 \\
 799 &:= 2^5 + 6^2 + 22^0 + 22^0 + 27^2 = 25 + 62 + 220 + 220 + 272 & 799 &:= 3^6 + 7^0 + 20^1 + 23^1 + 26^1 = 36 + 70 + 201 + 231 + 261 \\
 799 &:= 2^6 + 4^1 + 19^0 + 27^0 + 27^2 = 26 + 41 + 190 + 270 + 272 & 799 &:= 3^6 + 7^0 + 20^1 + 24^1 + 25^1 = 36 + 70 + 201 + 241 + 251 \\
 799 &:= 2^6 + 4^1 + 20^0 + 26^0 + 27^2 = 26 + 41 + 200 + 260 + 272 & 799 &:= 3^6 + 7^0 + 21^1 + 21^1 + 27^1 = 36 + 70 + 211 + 211 + 271 \\
 799 &:= 2^6 + 4^1 + 21^0 + 25^0 + 27^2 = 26 + 41 + 210 + 250 + 272 & 799 &:= 3^6 + 7^0 + 21^1 + 22^1 + 26^1 = 36 + 70 + 211 + 221 + 261 \\
 799 &:= 2^6 + 4^1 + 22^0 + 24^0 + 27^2 = 26 + 41 + 220 + 240 + 272 & 799 &:= 3^6 + 7^0 + 21^1 + 23^1 + 25^1 = 36 + 70 + 211 + 231 + 251 \\
 799 &:= 2^6 + 4^1 + 23^0 + 23^0 + 27^2 = 26 + 41 + 230 + 230 + 272 & 799 &:= 3^6 + 7^0 + 21^1 + 24^1 + 24^1 = 36 + 70 + 211 + 241 + 241 \\
 799 &:= 3^1 + 3^5 + 23^1 + 23^2 + 27^0 = 31 + 35 + 231 + 232 + 270 & 799 &:= 3^6 + 7^0 + 22^1 + 22^1 + 25^1 = 36 + 70 + 221 + 221 + 251 \\
 799 &:= 3^2 + 8^3 + 15^2 + 26^1 + 27^1 = 32 + 83 + 152 + 261 + 271 & 799 &:= 3^6 + 7^0 + 22^1 + 23^1 + 24^1 = 36 + 70 + 221 + 231 + 241 \\
 799 &:= 3^3 + 5^3 + 21^1 + 25^0 + 25^2 = 33 + 53 + 211 + 250 + 252 & 799 &:= 3^6 + 7^0 + 23^1 + 23^1 + 23^1 = 36 + 70 + 231 + 231 + 231 \\
 799 &:= 3^3 + 6^3 + 21^0 + 23^2 + 26^1 = 33 + 63 + 210 + 232 + 261 & 799 &:= 3^6 + 7^2 + 19^1 + 23^0 + 27^0 = 36 + 72 + 191 + 230 + 270 \\
 799 &:= 3^4 + 11^2 + 20^1 + 21^0 + 24^2 = 34 + 112 + 201 + 210 + 242 & 799 &:= 3^6 + 7^2 + 19^1 + 24^0 + 26^0 = 36 + 72 + 191 + 240 + 260 \\
 799 &:= 3^4 + 13^2 + 19^1 + 21^0 + 23^2 = 34 + 132 + 191 + 210 + 232 & 799 &:= 3^6 + 7^2 + 19^1 + 25^0 + 25^0 = 36 + 72 + 191 + 250 + 250 \\
 799 &:= 3^4 + 16^2 + 19^0 + 20^1 + 21^2 = 34 + 162 + 190 + 201 + 212 & 799 &:= 4^3 + 11^1 + 16^2 + 21^2 + 27^1 = 43 + 111 + 162 + 212 + 271 \\
 799 &:= 3^4 + 4^2 + 21^0 + 25^1 + 26^2 = 34 + 42 + 210 + 251 + 262 & 799 &:= 4^3 + 12^1 + 16^2 + 21^2 + 26^1 = 43 + 121 + 162 + 212 + 261 \\
 799 &:= 3^5 + 10^1 + 16^1 + 23^2 + 27^0 = 35 + 101 + 161 + 232 + 270 & 799 &:= 4^3 + 13^1 + 16^2 + 21^2 + 25^1 = 43 + 131 + 162 + 212 + 251 \\
 799 &:= 3^5 + 11^1 + 15^1 + 23^2 + 27^0 = 35 + 111 + 151 + 232 + 270 & 799 &:= 4^3 + 14^1 + 16^2 + 21^2 + 24^1 = 43 + 141 + 162 + 212 + 241 \\
 799 &:= 3^5 + 12^1 + 14^1 + 23^2 + 27^0 = 35 + 121 + 141 + 232 + 270 & 799 &:= 4^3 + 15^1 + 16^2 + 21^2 + 23^1 = 43 + 151 + 162 + 212 + 231 \\
 799 &:= 3^5 + 13^1 + 13^1 + 23^2 + 27^0 = 35 + 131 + 131 + 232 + 270 & 799 &:= 4^3 + 16^1 + 16^2 + 21^2 + 22^1 = 43 + 161 + 162 + 212 + 221 \\
 799 &:= 3^5 + 4^1 + 22^1 + 23^2 + 27^0 = 35 + 41 + 221 + 232 + 270 & 799 &:= 4^3 + 16^2 + 17^1 + 21^1 + 21^2 = 43 + 162 + 171 + 211 + 212 \\
 799 &:= 3^5 + 5^1 + 21^1 + 23^2 + 27^0 = 35 + 51 + 211 + 232 + 270 & 799 &:= 4^3 + 16^2 + 18^1 + 20^1 + 21^2 = 43 + 162 + 181 + 201 + 212 \\
 799 &:= 3^5 + 5^2 + 21^0 + 23^2 + 27^0 = 35 + 52 + 210 + 232 + 270 & 799 &:= 4^3 + 16^2 + 19^1 + 19^1 + 21^2 = 43 + 162 + 191 + 191 + 212 \\
 799 &:= 3^5 + 5^2 + 22^0 + 23^2 + 26^0 = 35 + 52 + 220 + 232 + 260 & 799 &:= 4^3 + 8^3 + 14^2 + 26^1 + 27^0 = 43 + 83 + 142 + 261 + 270 \\
 799 &:= 3^5 + 5^2 + 23^0 + 23^2 + 25^0 = 35 + 52 + 230 + 232 + 250 & 799 &:= 4^4 + 11^2 + 20^2 + 21^1 + 23^0 = 44 + 112 + 202 + 211 + 230 \\
 799 &:= 3^5 + 5^2 + 23^2 + 24^0 + 24^0 = 35 + 52 + 232 + 240 + 240 & 799 &:= 4^4 + 14^2 + 18^2 + 21^0 + 22^1 = 44 + 142 + 182 + 210 + 221 \\
 799 &:= 3^5 + 6^1 + 20^1 + 23^2 + 27^0 = 35 + 61 + 201 + 232 + 270 & 799 &:= 4^4 + 6^2 + 22^1 + 22^2 + 25^0 = 44 + 62 + 221 + 222 + 250 \\
 799 &:= 3^5 + 7^1 + 19^1 + 23^2 + 27^0 = 35 + 71 + 191 + 232 + 270 & 799 &:= 4^4 + 9^2 + 20^1 + 21^2 + 25^0 = 44 + 92 + 201 + 212 + 250 \\
 799 &:= 3^5 + 8^1 + 18^1 + 23^2 + 27^0 = 35 + 81 + 181 + 232 + 270 & 799 &:= 5^2 + 13^2 + 17^2 + 17^2 + 27^1 = 52 + 132 + 172 + 172 + 271 \\
 799 &:= 3^5 + 9^1 + 17^1 + 23^2 + 27^0 = 35 + 91 + 171 + 232 + 270 & 799 &:= 5^3 + 5^3 + 19^1 + 23^2 + 27^0 = 53 + 53 + 191 + 232 + 270 \\
 799 &:= 3^6 + 7^0 + 15^1 + 27^1 + 27^1 = 36 + 70 + 151 + 271 + 271 & 799 &:= 5^3 + 5^4 + 21^0 + 21^1 + 27^1 = 53 + 54 + 210 + 211 + 271 \\
 799 &:= 3^6 + 7^0 + 16^1 + 26^1 + 27^1 = 36 + 70 + 161 + 261 + 271 & 799 &:= 5^3 + 5^4 + 21^0 + 22^1 + 26^1 = 53 + 54 + 210 + 221 + 261 \\
 799 &:= 3^6 + 7^0 + 17^1 + 25^1 + 27^1 = 36 + 70 + 171 + 251 + 271 & 799 &:= 5^3 + 5^4 + 21^0 + 23^1 + 25^1 = 53 + 54 + 210 + 231 + 251 \\
 799 &:= 3^6 + 7^0 + 17^1 + 26^1 + 26^1 = 36 + 70 + 171 + 261 + 261 & 799 &:= 5^3 + 5^4 + 21^0 + 24^1 + 24^1 = 53 + 54 + 210 + 241 + 241 \\
 799 &:= 3^6 + 7^0 + 18^1 + 24^1 + 27^1 = 36 + 70 + 181 + 241 + 271 & 799 &:= 6^2 + 15^2 + 16^2 + 16^2 + 26^1 = 62 + 152 + 162 + 162 + 261
 \end{aligned}$$

$$\begin{aligned}
 799 &:= 6^3 + 10^2 + 15^1 + 21^2 + 27^1 = 63 + 102 + 151 + 212 + 271 \\
 799 &:= 6^3 + 10^2 + 16^1 + 21^2 + 26^1 = 63 + 102 + 161 + 212 + 261 \\
 799 &:= 6^3 + 10^2 + 17^1 + 21^2 + 25^1 = 63 + 102 + 171 + 212 + 251 \\
 799 &:= 6^3 + 10^2 + 18^1 + 21^2 + 24^1 = 63 + 102 + 181 + 212 + 241 \\
 799 &:= 6^3 + 10^2 + 19^1 + 21^2 + 23^1 = 63 + 102 + 191 + 212 + 231 \\
 799 &:= 6^3 + 10^2 + 20^1 + 21^2 + 22^1 = 63 + 102 + 201 + 212 + 221 \\
 799 &:= 6^3 + 10^2 + 21^1 + 21^1 + 21^2 = 63 + 102 + 211 + 211 + 212 \\
 799 &:= 7^2 + 12^2 + 16^2 + 18^2 + 26^1 = 72 + 122 + 162 + 182 + 261 \\
 799 &:= 7^2 + 7^3 + 19^1 + 19^2 + 27^1 = 72 + 73 + 191 + 192 + 271
 \end{aligned}$$

$$\begin{aligned}
 799 &:= 7^2 + 7^3 + 19^2 + 20^1 + 26^1 = 72 + 73 + 192 + 201 + 261 \\
 799 &:= 7^2 + 7^3 + 19^2 + 21^1 + 25^1 = 72 + 73 + 192 + 211 + 251 \\
 799 &:= 7^2 + 7^3 + 19^2 + 22^1 + 24^1 = 72 + 73 + 192 + 221 + 241 \\
 799 &:= 7^2 + 7^3 + 19^2 + 23^1 + 23^1 = 72 + 73 + 192 + 231 + 231 \\
 799 &:= 8^2 + 14^2 + 15^2 + 17^2 + 25^1 = 82 + 142 + 152 + 172 + 251 \\
 799 &:= 9^2 + 12^2 + 15^2 + 18^2 + 25^1 = 92 + 122 + 152 + 182 + 251 \\
 799 &:= 9^2 + 9^2 + 13^2 + 21^2 + 27^1 = 92 + 92 + 132 + 212 + 271
 \end{aligned}$$

2.2.701 Number 800

$$\begin{aligned}
 800 &:= 1^3 + 3^6 + 6^0 + 69^1 = 13 + 36 + 60 + 691 \\
 800 &:= 1^7 + 14^1 + 28^2 + 36^0 = 17 + 141 + 282 + 360 \\
 800 &:= 2^3 + 3^6 + 12^0 + 62^1 = 23 + 36 + 120 + 621 \\
 800 &:= 2^6 + 6^1 + 9^3 + 62^0 = 26 + 61 + 93 + 620 \\
 800 &:= 2^7 + 6^0 + 25^2 + 46^1 = 27 + 60 + 252 + 461 \\
 800 &:= 3^3 + 3^5 + 23^2 + 50^0 = 33 + 35 + 232 + 500 \\
 800 &:= 3^3 + 3^6 + 30^0 + 43^1 = 33 + 36 + 300 + 431 \\
 800 &:= 3^6 + 4^3 + 6^1 + 66^0 = 36 + 43 + 61 + 660 \\
 800 &:= 1^2 + 3^5 + 23^2 + 26^0 + 26^1 = 12 + 35 + 232 + 260 + 261 \\
 800 &:= 1^5 + 10^2 + 20^0 + 22^1 + 26^2 = 15 + 102 + 200 + 221 + 262 \\
 800 &:= 1^5 + 13^1 + 16^2 + 23^2 + 26^0 = 15 + 131 + 162 + 232 + 260 \\
 800 &:= 1^5 + 14^0 + 14^2 + 24^2 + 26^1 = 15 + 140 + 142 + 242 + 261 \\
 800 &:= 1^5 + 14^0 + 17^2 + 22^2 + 25^1 = 15 + 140 + 172 + 222 + 251 \\
 800 &:= 1^5 + 7^2 + 20^1 + 24^0 + 27^2 = 15 + 72 + 201 + 240 + 272 \\
 800 &:= 1^6 + 11^2 + 14^0 + 26^2 + 27^0 = 16 + 112 + 140 + 262 + 270 \\
 800 &:= 1^6 + 11^2 + 15^0 + 26^0 + 26^2 = 16 + 112 + 150 + 260 + 262 \\
 800 &:= 1^6 + 11^2 + 16^0 + 25^0 + 26^2 = 16 + 112 + 160 + 250 + 262 \\
 800 &:= 1^6 + 11^2 + 17^0 + 24^0 + 26^2 = 16 + 112 + 170 + 240 + 262 \\
 800 &:= 1^6 + 11^2 + 18^0 + 23^0 + 26^2 = 16 + 112 + 180 + 230 + 262 \\
 800 &:= 1^6 + 11^2 + 19^0 + 22^0 + 26^2 = 16 + 112 + 190 + 220 + 262 \\
 800 &:= 1^6 + 11^2 + 20^0 + 21^0 + 26^2 = 16 + 112 + 200 + 210 + 262 \\
 800 &:= 2^4 + 3^3 + 20^0 + 27^1 + 27^2 = 24 + 33 + 200 + 271 + 272
 \end{aligned}$$

$$\begin{aligned}
 800 &:= 2^5 + 11^2 + 20^0 + 21^1 + 25^2 = 25 + 112 + 200 + 211 + 252 \\
 800 &:= 2^5 + 12^0 + 16^2 + 22^2 + 27^1 = 25 + 120 + 162 + 222 + 271 \\
 800 &:= 2^5 + 13^1 + 15^2 + 23^2 + 26^0 = 25 + 131 + 152 + 232 + 260 \\
 800 &:= 2^5 + 13^2 + 18^0 + 22^1 + 24^2 = 25 + 132 + 180 + 221 + 242 \\
 800 &:= 2^5 + 4^2 + 22^1 + 24^0 + 27^2 = 25 + 42 + 221 + 240 + 272 \\
 800 &:= 2^5 + 8^2 + 16^0 + 26^2 + 27^1 = 25 + 82 + 160 + 262 + 271 \\
 800 &:= 3^5 + 13^2 + 18^0 + 19^2 + 26^1 = 35 + 132 + 180 + 192 + 261 \\
 800 &:= 3^5 + 7^2 + 22^2 + 23^1 + 24^0 = 35 + 72 + 222 + 231 + 240 \\
 800 &:= 3^5 + 8^3 + 17^1 + 24^0 + 27^1 = 35 + 83 + 171 + 240 + 271 \\
 800 &:= 3^5 + 8^3 + 18^1 + 24^0 + 26^1 = 35 + 83 + 181 + 240 + 261 \\
 800 &:= 3^5 + 8^3 + 19^1 + 24^0 + 25^1 = 35 + 83 + 191 + 240 + 251 \\
 800 &:= 3^5 + 8^3 + 20^1 + 24^0 + 24^1 = 35 + 83 + 201 + 240 + 241 \\
 800 &:= 3^5 + 8^3 + 21^1 + 23^1 + 24^0 = 35 + 83 + 211 + 231 + 240 \\
 800 &:= 3^5 + 8^3 + 22^1 + 22^1 + 24^0 = 35 + 83 + 221 + 221 + 240 \\
 800 &:= 3^6 + 4^2 + 18^0 + 27^1 + 27^1 = 36 + 42 + 180 + 271 + 271 \\
 800 &:= 3^6 + 5^2 + 18^1 + 26^0 + 27^1 = 36 + 52 + 181 + 260 + 271 \\
 800 &:= 3^6 + 5^2 + 19^1 + 26^0 + 26^1 = 36 + 52 + 191 + 260 + 261 \\
 800 &:= 3^6 + 5^2 + 20^1 + 25^1 + 26^0 = 36 + 52 + 201 + 251 + 260 \\
 800 &:= 3^6 + 5^2 + 21^1 + 24^1 + 26^0 = 36 + 52 + 211 + 241 + 260 \\
 800 &:= 3^6 + 5^2 + 22^1 + 23^1 + 26^0 = 36 + 52 + 221 + 231 + 260
 \end{aligned}$$

2.2.702 Number 801

$$\begin{aligned}
 801 &:= 1^4 + 3^6 + 5^0 + 70^1 = 14 + 36 + 50 + 701 \\
 801 &:= 1^5 + 2^2 + 9^3 + 67^1 = 15 + 22 + 93 + 671
 \end{aligned}$$

$$\begin{aligned}
 801 &:= 1^6 + 19^2 + 20^2 + 39^1 = 16 + 192 + 202 + 391 \\
 801 &:= 1^6 + 5^2 + 27^2 + 46^1 = 16 + 52 + 272 + 461
 \end{aligned}$$

$$\begin{aligned}
 801 &:= 1^6 + 9^2 + 26^2 + 43^1 &= 16 + 92 + 262 + 431 & 801 &:= 2^5 + 14^1 + 17^2 + 21^2 + 25^1 = 25 + 141 + 172 + 212 + 251 \\
 801 &:= 1^8 + 15^1 + 28^2 + 35^0 &= 18 + 151 + 282 + 350 & 801 &:= 2^5 + 15^1 + 17^2 + 21^2 + 24^1 = 25 + 151 + 172 + 212 + 241 \\
 801 &:= 2^4 + 3^6 + 19^0 + 55^1 &= 24 + 36 + 190 + 551 & 801 &:= 2^5 + 16^1 + 17^2 + 21^2 + 23^1 = 25 + 161 + 172 + 212 + 231 \\
 801 &:= 2^6 + 16^2 + 21^2 + 40^1 &= 26 + 162 + 212 + 401 & 801 &:= 2^5 + 17^1 + 17^2 + 21^2 + 22^1 = 25 + 171 + 172 + 212 + 221 \\
 801 &:= 2^8 + 15^1 + 23^2 + 39^0 &= 28 + 151 + 232 + 390 & 801 &:= 2^5 + 17^2 + 18^1 + 21^1 + 21^2 = 25 + 172 + 181 + 211 + 212 \\
 801 &:= 3^5 + 6^3 + 17^2 + 53^1 &= 35 + 63 + 172 + 531 & 801 &:= 2^5 + 17^2 + 19^1 + 20^1 + 21^2 = 25 + 172 + 191 + 201 + 212 \\
 801 &:= 1^3 + 3^5 + 23^2 + 25^0 + 27^1 &= 13 + 35 + 232 + 250 + 271 & 801 &:= 2^5 + 6^3 + 23^1 + 23^2 + 25^0 = 25 + 63 + 231 + 232 + 250 \\
 801 &:= 1^5 + 12^1 + 19^2 + 20^2 + 27^1 &= 15 + 121 + 192 + 202 + 271 & 801 &:= 2^5 + 7^2 + 17^1 + 26^2 + 27^1 = 25 + 72 + 171 + 262 + 271 \\
 801 &:= 1^5 + 13^1 + 19^2 + 20^2 + 26^1 &= 15 + 131 + 192 + 202 + 261 & 801 &:= 2^5 + 7^2 + 18^1 + 26^1 + 26^2 = 25 + 72 + 181 + 261 + 262 \\
 801 &:= 1^5 + 14^1 + 19^2 + 20^2 + 25^1 &= 15 + 141 + 192 + 202 + 251 & 801 &:= 2^5 + 7^2 + 19^1 + 25^1 + 26^2 = 25 + 72 + 191 + 251 + 262 \\
 801 &:= 1^5 + 15^1 + 19^2 + 20^2 + 24^1 &= 15 + 151 + 192 + 202 + 241 & 801 &:= 2^5 + 7^2 + 20^1 + 24^1 + 26^2 = 25 + 72 + 201 + 241 + 262 \\
 801 &:= 1^5 + 16^1 + 19^2 + 20^2 + 23^1 &= 15 + 161 + 192 + 202 + 231 & 801 &:= 2^5 + 7^2 + 21^1 + 23^1 + 26^2 = 25 + 72 + 211 + 231 + 262 \\
 801 &:= 1^5 + 17^1 + 19^2 + 20^2 + 22^1 &= 15 + 171 + 192 + 202 + 221 & 801 &:= 2^5 + 7^2 + 22^1 + 22^1 + 26^2 = 25 + 72 + 221 + 221 + 262 \\
 801 &:= 1^5 + 18^1 + 19^2 + 20^2 + 21^1 &= 15 + 181 + 192 + 202 + 211 & 801 &:= 2^5 + 7^3 + 20^2 + 25^0 + 25^1 = 25 + 73 + 202 + 250 + 251 \\
 801 &:= 1^5 + 19^1 + 19^2 + 20^1 + 20^2 &= 15 + 191 + 192 + 201 + 202 & 801 &:= 2^6 + 12^1 + 18^2 + 20^2 + 27^0 = 26 + 121 + 182 + 202 + 270 \\
 801 &:= 1^5 + 5^2 + 19^1 + 27^1 + 27^2 &= 15 + 52 + 191 + 271 + 272 & 801 &:= 2^6 + 12^2 + 16^1 + 24^2 + 25^0 = 26 + 122 + 161 + 242 + 250 \\
 801 &:= 1^5 + 5^2 + 20^1 + 26^1 + 27^2 &= 15 + 52 + 201 + 261 + 272 & 801 &:= 2^6 + 13^0 + 15^2 + 22^2 + 27^1 = 26 + 130 + 152 + 222 + 271 \\
 801 &:= 1^5 + 5^2 + 21^1 + 25^1 + 27^2 &= 15 + 52 + 211 + 251 + 272 & 801 &:= 2^6 + 14^1 + 19^2 + 19^2 + 25^0 = 26 + 141 + 192 + 192 + 250 \\
 801 &:= 1^5 + 5^2 + 22^1 + 24^1 + 27^2 &= 15 + 52 + 221 + 241 + 272 & 801 &:= 2^6 + 6^2 + 21^0 + 24^1 + 26^2 = 26 + 62 + 210 + 241 + 262 \\
 801 &:= 1^5 + 5^2 + 23^1 + 23^1 + 27^2 &= 15 + 52 + 231 + 231 + 272 & 801 &:= 2^7 + 5^0 + 20^1 + 25^2 + 27^1 = 27 + 50 + 201 + 252 + 271 \\
 801 &:= 1^5 + 9^2 + 16^1 + 26^2 + 27^1 &= 15 + 92 + 161 + 262 + 271 & 801 &:= 2^7 + 5^0 + 21^1 + 25^2 + 26^1 = 27 + 50 + 211 + 252 + 261 \\
 801 &:= 1^5 + 9^2 + 17^1 + 26^1 + 26^2 &= 15 + 92 + 171 + 261 + 262 & 801 &:= 2^7 + 5^0 + 22^1 + 25^1 + 25^2 = 27 + 50 + 221 + 251 + 252 \\
 801 &:= 1^5 + 9^2 + 18^1 + 25^1 + 26^2 &= 15 + 92 + 181 + 251 + 262 & 801 &:= 2^7 + 5^0 + 23^1 + 24^1 + 25^2 = 27 + 50 + 231 + 241 + 252 \\
 801 &:= 1^5 + 9^2 + 19^1 + 24^1 + 26^2 &= 15 + 92 + 191 + 241 + 262 & 801 &:= 2^8 + 13^0 + 14^1 + 23^2 + 27^0 = 28 + 130 + 141 + 232 + 270 \\
 801 &:= 1^5 + 9^2 + 20^1 + 23^1 + 26^2 &= 15 + 92 + 201 + 231 + 262 & 801 &:= 2^8 + 14^0 + 14^1 + 23^2 + 26^0 = 28 + 140 + 141 + 232 + 260 \\
 801 &:= 1^5 + 9^2 + 21^1 + 22^1 + 26^2 &= 15 + 92 + 211 + 221 + 262 & 801 &:= 2^8 + 14^1 + 15^0 + 23^2 + 25^0 = 28 + 141 + 150 + 232 + 250 \\
 801 &:= 1^6 + 10^2 + 19^0 + 23^1 + 26^2 &= 16 + 102 + 190 + 231 + 262 & 801 &:= 2^8 + 14^1 + 16^0 + 23^2 + 24^0 = 28 + 141 + 160 + 232 + 240 \\
 801 &:= 1^6 + 13^0 + 14^2 + 24^2 + 27^1 &= 16 + 130 + 142 + 242 + 271 & 801 &:= 2^8 + 14^1 + 17^0 + 23^0 + 23^2 = 28 + 141 + 170 + 230 + 232 \\
 801 &:= 1^6 + 13^0 + 17^2 + 22^2 + 26^1 &= 16 + 130 + 172 + 222 + 261 & 801 &:= 2^8 + 14^1 + 18^0 + 22^0 + 23^2 = 28 + 141 + 180 + 220 + 232 \\
 801 &:= 1^6 + 14^1 + 16^2 + 23^2 + 25^0 &= 16 + 141 + 162 + 232 + 250 & 801 &:= 2^8 + 14^1 + 19^0 + 21^0 + 23^2 = 28 + 141 + 190 + 210 + 232 \\
 801 &:= 1^6 + 7^2 + 21^1 + 23^0 + 27^2 &= 16 + 72 + 211 + 230 + 272 & 801 &:= 2^8 + 14^1 + 20^0 + 20^0 + 23^2 = 28 + 141 + 200 + 200 + 232 \\
 801 &:= 2^3 + 2^4 + 21^1 + 27^1 + 27^2 &= 23 + 24 + 211 + 271 + 272 & 801 &:= 3^5 + 15^2 + 17^1 + 17^2 + 27^1 = 35 + 152 + 171 + 172 + 271 \\
 801 &:= 2^3 + 2^4 + 22^1 + 26^1 + 27^2 &= 23 + 24 + 221 + 261 + 272 & 801 &:= 3^5 + 15^2 + 17^2 + 18^1 + 26^1 = 35 + 152 + 172 + 181 + 261 \\
 801 &:= 2^3 + 2^4 + 23^1 + 25^1 + 27^2 &= 23 + 24 + 231 + 251 + 272 & 801 &:= 3^5 + 15^2 + 17^2 + 19^1 + 25^1 = 35 + 152 + 172 + 191 + 251 \\
 801 &:= 2^3 + 2^4 + 24^1 + 24^1 + 27^2 &= 23 + 24 + 241 + 241 + 272 & 801 &:= 3^5 + 15^2 + 17^2 + 20^1 + 24^1 = 35 + 152 + 172 + 201 + 241 \\
 801 &:= 2^4 + 3^4 + 21^0 + 26^2 + 27^1 &= 24 + 34 + 210 + 262 + 271 & 801 &:= 3^5 + 15^2 + 17^2 + 21^1 + 23^1 = 35 + 152 + 172 + 211 + 231 \\
 801 &:= 2^5 + 12^1 + 17^2 + 21^2 + 27^1 &= 25 + 121 + 172 + 212 + 271 & 801 &:= 3^5 + 15^2 + 17^2 + 22^1 + 22^1 = 35 + 152 + 172 + 221 + 221 \\
 801 &:= 2^5 + 13^1 + 17^2 + 21^2 + 26^1 &= 25 + 131 + 172 + 212 + 261 & 801 &:= 3^5 + 5^2 + 22^1 + 22^2 + 27^1 = 35 + 52 + 221 + 222 + 271
 \end{aligned}$$

$$801 := 3^5 + 5^2 + 22^2 + 23^1 + 26^1 = 35 + 52 + 222 + 231 + 261$$

$$801 := 3^5 + 5^2 + 22^2 + 24^1 + 25^1 = 35 + 52 + 222 + 241 + 251$$

2.2.703 Number 802

$$802 := 1^5 + 3^6 + 4^0 + 71^1 = 15 + 36 + 40 + 711$$

$$802 := 1^6 + 2^4 + 28^2 + 48^0 = 16 + 24 + 282 + 480$$

$$802 := 1^8 + 20^2 + 20^2 + 38^0 = 18 + 202 + 202 + 380$$

$$802 := 1^8 + 4^2 + 28^2 + 46^0 = 18 + 42 + 282 + 460$$

$$802 := 1^9 + 16^1 + 28^2 + 34^0 = 19 + 161 + 282 + 340$$

$$802 := 2^3 + 2^6 + 9^3 + 66^0 = 23 + 26 + 93 + 660$$

$$802 := 2^3 + 3^6 + 4^3 + 70^0 = 23 + 36 + 43 + 700$$

$$802 := 2^5 + 3^6 + 34^0 + 40^1 = 25 + 36 + 340 + 401$$

$$802 := 2^7 + 5^4 + 24^0 + 48^1 = 27 + 54 + 240 + 481$$

$$802 := 2^8 + 16^2 + 17^2 + 44^0 = 28 + 162 + 172 + 440$$

$$802 := 2^8 + 4^2 + 23^2 + 50^0 = 28 + 42 + 232 + 500$$

$$802 := 2^8 + 8^3 + 33^1 + 36^0 = 28 + 83 + 331 + 360$$

$$802 := 2^9 + 16^2 + 28^0 + 33^1 = 29 + 162 + 280 + 331$$

$$802 := 1^7 + 10^2 + 18^0 + 24^1 + 26^2 = 17 + 102 + 180 + 241 + 262$$

$$802 := 1^7 + 12^0 + 17^2 + 22^2 + 27^1 = 17 + 120 + 172 + 222 + 271$$

$$802 := 1^7 + 15^1 + 16^2 + 23^2 + 24^0 = 17 + 151 + 162 + 232 + 240$$

$$802 := 1^7 + 7^2 + 22^0 + 22^1 + 27^2 = 17 + 72 + 220 + 221 + 272$$

$$802 := 2^4 + 2^5 + 24^0 + 24^1 + 27^2 = 24 + 25 + 240 + 241 + 272$$

$$802 := 2^7 + 11^2 + 20^0 + 23^1 + 23^2 = 27 + 112 + 200 + 231 + 232$$

$$802 := 2^7 + 13^2 + 20^1 + 22^0 + 22^2 = 27 + 132 + 201 + 220 + 222$$

$$802 := 2^7 + 16^0 + 18^2 + 18^2 + 25^1 = 27 + 160 + 182 + 182 + 251$$

$$802 := 2^7 + 16^2 + 17^1 + 20^2 + 24^0 = 27 + 162 + 171 + 202 + 240$$

$$802 := 2^7 + 17^2 + 18^0 + 19^2 + 23^1 = 27 + 172 + 180 + 192 + 231$$

$$802 := 2^7 + 5^2 + 23^1 + 24^0 + 25^2 = 27 + 52 + 231 + 240 + 252$$

$$802 := 2^8 + 12^2 + 18^0 + 20^2 + 27^0 = 28 + 122 + 180 + 202 + 270$$

$$802 := 2^8 + 12^2 + 19^0 + 20^2 + 26^0 = 28 + 122 + 190 + 202 + 260$$

$$802 := 2^8 + 12^2 + 20^0 + 20^2 + 25^0 = 28 + 122 + 200 + 202 + 250$$

$$802 := 2^8 + 12^2 + 20^2 + 21^0 + 24^0 = 28 + 122 + 202 + 210 + 240$$

$$802 := 2^8 + 12^2 + 20^2 + 22^0 + 23^0 = 28 + 122 + 202 + 220 + 230$$

2.2.704 Number 803

$$803 := 18^1 + 28^2 + 34^0 = 181 + 282 + 340$$

$$803 := 1^0 + 17^1 + 28^2 + 34^0 = 10 + 171 + 282 + 340$$

$$803 := 1^2 + 2^9 + 17^2 + 59^0 = 12 + 29 + 172 + 590$$

$$803 := 1^6 + 3^0 + 3^6 + 72^1 = 16 + 30 + 36 + 721$$

$$803 := 1^8 + 5^3 + 26^2 + 47^0 = 18 + 53 + 262 + 470$$

$$803 := 1^8 + 8^3 + 17^2 + 53^0 = 18 + 83 + 172 + 530$$

$$803 := 1^9 + 15^2 + 24^2 + 39^0 = 19 + 152 + 242 + 390$$

$$803 := 10^0 + 17^1 + 25^0 + 28^2 = 100 + 171 + 250 + 282$$

$$803 := 11^0 + 17^1 + 24^0 + 28^2 = 110 + 171 + 240 + 282$$

$$803 := 12^0 + 17^1 + 23^0 + 28^2 = 120 + 171 + 230 + 282$$

$$803 := 13^0 + 17^1 + 22^0 + 28^2 = 130 + 171 + 220 + 282$$

$$803 := 14^0 + 17^1 + 21^0 + 28^2 = 140 + 171 + 210 + 282$$

$$803 := 15^0 + 17^1 + 20^0 + 28^2 = 150 + 171 + 200 + 282$$

$$803 := 16^0 + 17^1 + 19^0 + 28^2 = 160 + 171 + 190 + 282$$

$$803 := 17^0 + 17^1 + 18^0 + 28^2 = 170 + 171 + 180 + 282$$

$$803 := 2^0 + 17^1 + 28^2 + 33^0 = 20 + 171 + 282 + 330$$

$$803 := 2^6 + 3^6 + 9^1 + 65^0 = 26 + 36 + 91 + 650$$

$$803 := 2^6 + 5^4 + 7^2 + 65^1 = 26 + 54 + 72 + 651$$

$$803 := 2^7 + 5^4 + 7^2 + 65^0 = 27 + 54 + 72 + 650$$

$$803 := 2^8 + 10^2 + 20^2 + 47^1 = 28 + 102 + 202 + 471$$

$$803 := 2^9 + 11^2 + 13^2 + 53^0 = 29 + 112 + 132 + 530$$

$$803 := 3^0 + 17^1 + 28^2 + 32^0 = 30 + 171 + 282 + 320$$

$$803 := 4^0 + 17^1 + 28^2 + 31^0 = 40 + 171 + 282 + 310$$

$$803 := 5^0 + 17^1 + 28^2 + 30^0 = 50 + 171 + 282 + 300$$

$$803 := 6^0 + 17^1 + 28^2 + 29^0 = 60 + 171 + 282 + 290$$

$$803 := 7^0 + 17^1 + 28^0 + 28^2 = 70 + 171 + 280 + 282$$

$$803 := 8^0 + 17^1 + 27^0 + 28^2 = 80 + 171 + 270 + 282$$

$$803 := 9^0 + 17^1 + 26^0 + 28^2 = 90 + 171 + 260 + 282$$

$$803 := 1^8 + 10^2 + 17^0 + 25^1 + 26^2 = 18 + 102 + 170 + 251 + 262$$

$$803 := 1^8 + 16^1 + 16^2 + 23^0 + 23^2 = 18 + 161 + 162 + 230 + 232$$

$$803 := 1^8 + 7^2 + 21^0 + 23^1 + 27^2 = 18 + 72 + 210 + 231 + 272$$

$$803 := 1^9 + 11^0 + 20^2 + 20^2 + 27^0 = 19 + 110 + 202 + 202 + 270$$

$$\begin{aligned}
 803 &:= 1^9 + 12^0 + 20^2 + 20^2 + 26^0 = 19 + 120 + 202 + 202 + 260 \\
 803 &:= 1^9 + 13^0 + 20^2 + 20^2 + 25^0 = 19 + 130 + 202 + 202 + 250 \\
 803 &:= 1^9 + 14^0 + 20^2 + 20^2 + 24^0 = 19 + 140 + 202 + 202 + 240 \\
 803 &:= 1^9 + 15^0 + 20^2 + 20^2 + 23^0 = 19 + 150 + 202 + 202 + 230 \\
 803 &:= 1^9 + 16^0 + 20^2 + 20^2 + 22^0 = 19 + 160 + 202 + 202 + 220 \\
 803 &:= 1^9 + 17^0 + 20^2 + 20^2 + 21^0 = 19 + 170 + 202 + 202 + 210 \\
 803 &:= 1^9 + 18^0 + 20^0 + 20^2 + 20^2 = 19 + 180 + 200 + 202 + 202 \\
 803 &:= 1^9 + 19^0 + 19^0 + 20^2 + 20^2 = 19 + 190 + 190 + 202 + 202 \\
 803 &:= 2^7 + 3^3 + 22^1 + 25^2 + 27^0 = 27 + 33 + 221 + 252 + 270 \\
 803 &:= 2^7 + 5^4 + 22^1 + 23^0 + 27^1 = 27 + 54 + 221 + 230 + 271 \\
 803 &:= 2^7 + 5^4 + 23^0 + 23^1 + 26^1 = 27 + 54 + 230 + 231 + 261 \\
 803 &:= 2^7 + 5^4 + 23^0 + 24^1 + 25^1 = 27 + 54 + 230 + 241 + 251 \\
 803 &:= 2^8 + 11^2 + 20^2 + 21^0 + 25^1 = 28 + 112 + 202 + 210 + 251 \\
 803 &:= 2^8 + 14^2 + 18^2 + 19^0 + 26^1 = 28 + 142 + 182 + 190 + 261 \\
 803 &:= 2^8 + 6^2 + 22^2 + 23^0 + 26^1 = 28 + 62 + 222 + 230 + 261
 \end{aligned}$$

$$\begin{aligned}
 803 &:= 2^8 + 9^2 + 21^2 + 23^0 + 24^1 = 28 + 92 + 212 + 230 + 241 \\
 803 &:= 2^9 + 10^1 + 16^2 + 24^1 + 27^0 = 29 + 101 + 162 + 241 + 270 \\
 803 &:= 2^9 + 11^1 + 16^2 + 23^1 + 27^0 = 29 + 111 + 162 + 231 + 270 \\
 803 &:= 2^9 + 12^1 + 16^2 + 22^1 + 27^0 = 29 + 121 + 162 + 221 + 270 \\
 803 &:= 2^9 + 13^1 + 16^2 + 21^1 + 27^0 = 29 + 131 + 162 + 211 + 270 \\
 803 &:= 2^9 + 14^1 + 16^2 + 20^1 + 27^0 = 29 + 141 + 162 + 201 + 270 \\
 803 &:= 2^9 + 15^1 + 16^2 + 19^1 + 27^0 = 29 + 151 + 162 + 191 + 270 \\
 803 &:= 2^9 + 16^1 + 16^2 + 18^1 + 27^0 = 29 + 161 + 162 + 181 + 270 \\
 803 &:= 2^9 + 16^2 + 17^1 + 17^1 + 27^0 = 29 + 162 + 171 + 171 + 270 \\
 803 &:= 2^9 + 7^1 + 16^2 + 27^0 + 27^1 = 29 + 71 + 162 + 270 + 271 \\
 803 &:= 2^9 + 8^1 + 16^2 + 26^1 + 27^0 = 29 + 81 + 162 + 261 + 270 \\
 803 &:= 2^9 + 8^2 + 15^2 + 27^0 + 27^0 = 29 + 82 + 152 + 270 + 270 \\
 803 &:= 2^9 + 9^1 + 16^2 + 25^1 + 27^0 = 29 + 91 + 162 + 251 + 270
 \end{aligned}$$

2.2.705 Number 804

$$\begin{aligned}
 804 &:= 1^0 + 19^2 + 21^2 + 39^0 = 10 + 192 + 212 + 390 \\
 804 &:= 1^1 + 18^1 + 28^2 + 33^0 = 11 + 181 + 282 + 330 \\
 804 &:= 1^7 + 2^0 + 3^6 + 73^1 = 17 + 20 + 36 + 731 \\
 804 &:= 1^8 + 1^9 + 3^6 + 73^1 = 18 + 19 + 36 + 731 \\
 804 &:= 10^0 + 19^2 + 21^2 + 30^0 = 100 + 192 + 212 + 300 \\
 804 &:= 11^0 + 19^2 + 21^2 + 29^0 = 110 + 192 + 212 + 290 \\
 804 &:= 12^0 + 19^2 + 21^2 + 28^0 = 120 + 192 + 212 + 280 \\
 804 &:= 13^0 + 19^2 + 21^2 + 27^0 = 130 + 192 + 212 + 270 \\
 804 &:= 14^0 + 19^2 + 21^2 + 26^0 = 140 + 192 + 212 + 260 \\
 804 &:= 15^0 + 19^2 + 21^2 + 25^0 = 150 + 192 + 212 + 250 \\
 804 &:= 16^0 + 19^2 + 21^2 + 24^0 = 160 + 192 + 212 + 240 \\
 804 &:= 17^0 + 19^2 + 21^2 + 23^0 = 170 + 192 + 212 + 230 \\
 804 &:= 18^0 + 19^2 + 21^2 + 22^0 = 180 + 192 + 212 + 220 \\
 804 &:= 19^0 + 19^2 + 21^0 + 21^2 = 190 + 192 + 210 + 212 \\
 804 &:= 19^2 + 20^0 + 20^0 + 21^2 = 192 + 200 + 200 + 212 \\
 804 &:= 2^0 + 19^2 + 21^2 + 38^0 = 20 + 192 + 212 + 380 \\
 804 &:= 2^1 + 17^1 + 28^2 + 33^0 = 21 + 171 + 282 + 330 \\
 804 &:= 2^9 + 4^4 + 35^1 + 38^0 = 29 + 44 + 351 + 380 \\
 804 &:= 3^0 + 19^2 + 21^2 + 37^0 = 30 + 192 + 212 + 370 \\
 804 &:= 3^1 + 16^1 + 28^2 + 33^0 = 31 + 161 + 282 + 330 \\
 804 &:= 4^0 + 19^2 + 21^2 + 36^0 = 40 + 192 + 212 + 360
 \end{aligned}$$

$$\begin{aligned}
 804 &:= 4^1 + 15^1 + 28^2 + 33^0 = 41 + 151 + 282 + 330 \\
 804 &:= 5^0 + 19^2 + 21^2 + 35^0 = 50 + 192 + 212 + 350 \\
 804 &:= 5^1 + 14^1 + 28^2 + 33^0 = 51 + 141 + 282 + 330 \\
 804 &:= 6^0 + 19^2 + 21^2 + 34^0 = 60 + 192 + 212 + 340 \\
 804 &:= 6^1 + 13^1 + 28^2 + 33^0 = 61 + 131 + 282 + 330 \\
 804 &:= 7^0 + 19^2 + 21^2 + 33^0 = 70 + 192 + 212 + 330 \\
 804 &:= 7^1 + 12^1 + 28^2 + 33^0 = 71 + 121 + 282 + 330 \\
 804 &:= 8^0 + 19^2 + 21^2 + 32^0 = 80 + 192 + 212 + 320 \\
 804 &:= 8^1 + 11^1 + 28^2 + 33^0 = 81 + 111 + 282 + 330 \\
 804 &:= 9^0 + 19^2 + 21^2 + 31^0 = 90 + 192 + 212 + 310 \\
 804 &:= 9^1 + 10^1 + 28^2 + 33^0 = 91 + 101 + 282 + 330 \\
 804 &:= 1^0 + 13^0 + 15^2 + 24^2 + 27^0 = 10 + 130 + 152 + 242 + 270 \\
 804 &:= 1^0 + 14^0 + 15^2 + 24^2 + 26^0 = 10 + 140 + 152 + 242 + 260 \\
 804 &:= 1^0 + 15^0 + 15^2 + 24^2 + 25^0 = 10 + 150 + 152 + 242 + 250 \\
 804 &:= 1^0 + 15^2 + 16^0 + 24^0 + 24^2 = 10 + 152 + 160 + 240 + 242 \\
 804 &:= 1^0 + 15^2 + 17^0 + 23^0 + 24^2 = 10 + 152 + 170 + 230 + 242 \\
 804 &:= 1^0 + 15^2 + 18^0 + 22^0 + 24^2 = 10 + 152 + 180 + 220 + 242 \\
 804 &:= 1^0 + 15^2 + 19^0 + 21^0 + 24^2 = 10 + 152 + 190 + 210 + 242 \\
 804 &:= 1^0 + 15^2 + 20^0 + 20^0 + 24^2 = 10 + 152 + 200 + 200 + 242 \\
 804 &:= 1^9 + 10^2 + 16^0 + 26^1 + 26^2 = 19 + 102 + 160 + 261 + 262 \\
 804 &:= 1^9 + 16^2 + 17^1 + 22^0 + 23^2 = 19 + 162 + 171 + 220 + 232
 \end{aligned}$$

$$\begin{aligned} 804 &:= 1^9 + 5^3 + 20^0 + 26^2 + 27^0 = 19 + 53 + 200 + 262 + 270 & 804 &:= 3^0 + 15^2 + 19^0 + 19^0 + 24^2 = 30 + 152 + 190 + 190 + 242 \\ 804 &:= 1^9 + 5^3 + 21^0 + 26^0 + 26^2 = 19 + 53 + 210 + 260 + 262 & 804 &:= 4^0 + 10^0 + 15^2 + 24^2 + 27^0 = 40 + 100 + 152 + 242 + 270 \\ 804 &:= 1^9 + 5^3 + 22^0 + 25^0 + 26^2 = 19 + 53 + 220 + 250 + 262 & 804 &:= 4^0 + 11^0 + 15^2 + 24^2 + 26^0 = 40 + 110 + 152 + 242 + 260 \\ 804 &:= 1^9 + 5^3 + 23^0 + 24^0 + 26^2 = 19 + 53 + 230 + 240 + 262 & 804 &:= 4^0 + 12^0 + 15^2 + 24^2 + 25^0 = 40 + 120 + 152 + 242 + 250 \\ 804 &:= 1^9 + 7^2 + 20^0 + 24^1 + 27^2 = 19 + 72 + 200 + 241 + 272 & 804 &:= 4^0 + 13^0 + 15^2 + 24^0 + 24^2 = 40 + 130 + 152 + 240 + 242 \\ 804 &:= 1^9 + 8^3 + 17^2 + 26^0 + 27^0 = 19 + 83 + 172 + 260 + 270 & 804 &:= 4^0 + 14^0 + 15^2 + 23^0 + 24^2 = 40 + 140 + 152 + 230 + 242 \\ 804 &:= 10^0 + 10^0 + 15^2 + 21^0 + 24^2 = 100 + 100 + 152 + 210 + 242 & 804 &:= 4^0 + 15^0 + 15^2 + 22^0 + 24^2 = 40 + 150 + 152 + 220 + 242 \\ 804 &:= 10^0 + 11^0 + 15^2 + 20^0 + 24^2 = 100 + 110 + 152 + 200 + 242 & 804 &:= 4^0 + 15^2 + 16^0 + 21^0 + 24^2 = 40 + 152 + 160 + 210 + 242 \\ 804 &:= 10^0 + 12^0 + 15^2 + 19^0 + 24^2 = 100 + 120 + 152 + 190 + 242 & 804 &:= 4^0 + 15^2 + 17^0 + 20^0 + 24^2 = 40 + 152 + 170 + 200 + 242 \\ 804 &:= 10^0 + 13^0 + 15^2 + 18^0 + 24^2 = 100 + 130 + 152 + 180 + 242 & 804 &:= 4^0 + 15^2 + 18^0 + 19^0 + 24^2 = 40 + 152 + 180 + 190 + 242 \\ 804 &:= 10^0 + 14^0 + 15^2 + 17^0 + 24^2 = 100 + 140 + 152 + 170 + 242 & 804 &:= 5^0 + 10^0 + 15^2 + 24^2 + 26^0 = 50 + 100 + 152 + 242 + 260 \\ 804 &:= 10^0 + 15^0 + 15^2 + 16^0 + 24^2 = 100 + 150 + 152 + 160 + 242 & 804 &:= 5^0 + 11^0 + 15^2 + 24^2 + 25^0 = 50 + 110 + 152 + 242 + 250 \\ 804 &:= 11^0 + 11^0 + 15^2 + 19^0 + 24^2 = 110 + 110 + 152 + 190 + 242 & 804 &:= 5^0 + 12^0 + 15^2 + 24^0 + 24^2 = 50 + 120 + 152 + 240 + 242 \\ 804 &:= 11^0 + 12^0 + 15^2 + 18^0 + 24^2 = 110 + 120 + 152 + 180 + 242 & 804 &:= 5^0 + 13^0 + 15^2 + 23^0 + 24^2 = 50 + 130 + 152 + 230 + 242 \\ 804 &:= 11^0 + 13^0 + 15^2 + 17^0 + 24^2 = 110 + 130 + 152 + 170 + 242 & 804 &:= 5^0 + 14^0 + 15^2 + 22^0 + 24^2 = 50 + 140 + 152 + 220 + 242 \\ 804 &:= 11^0 + 14^0 + 15^2 + 16^0 + 24^2 = 110 + 140 + 152 + 160 + 242 & 804 &:= 5^0 + 15^0 + 15^2 + 21^0 + 24^2 = 50 + 150 + 152 + 210 + 242 \\ 804 &:= 11^0 + 15^0 + 15^0 + 15^2 + 24^2 = 110 + 150 + 150 + 152 + 242 & 804 &:= 5^0 + 15^2 + 16^0 + 20^0 + 24^2 = 50 + 152 + 160 + 200 + 242 \\ 804 &:= 12^0 + 12^0 + 15^2 + 17^0 + 24^2 = 120 + 120 + 152 + 170 + 242 & 804 &:= 5^0 + 15^2 + 17^0 + 19^0 + 24^2 = 50 + 152 + 170 + 190 + 242 \\ 804 &:= 12^0 + 13^0 + 15^2 + 16^0 + 24^2 = 120 + 130 + 152 + 160 + 242 & 804 &:= 5^0 + 15^2 + 18^0 + 18^0 + 24^2 = 50 + 152 + 180 + 180 + 242 \\ 804 &:= 12^0 + 14^0 + 15^0 + 15^2 + 24^2 = 120 + 140 + 150 + 152 + 242 & 804 &:= 5^0 + 9^0 + 15^2 + 24^2 + 27^0 = 50 + 90 + 152 + 242 + 270 \\ 804 &:= 13^0 + 13^0 + 15^0 + 15^2 + 24^2 = 130 + 130 + 150 + 152 + 242 & 804 &:= 6^0 + 10^0 + 15^2 + 24^2 + 25^0 = 60 + 100 + 152 + 242 + 250 \\ 804 &:= 13^0 + 14^0 + 14^0 + 15^2 + 24^2 = 130 + 140 + 140 + 152 + 242 & 804 &:= 6^0 + 11^0 + 15^2 + 24^0 + 24^2 = 60 + 110 + 152 + 240 + 242 \\ 804 &:= 2^0 + 12^0 + 15^2 + 24^2 + 27^0 = 20 + 120 + 152 + 242 + 270 & 804 &:= 6^0 + 12^0 + 15^2 + 23^0 + 24^2 = 60 + 120 + 152 + 230 + 242 \\ 804 &:= 2^0 + 13^0 + 15^2 + 24^2 + 26^0 = 20 + 130 + 152 + 242 + 260 & 804 &:= 6^0 + 13^0 + 15^2 + 22^0 + 24^2 = 60 + 130 + 152 + 220 + 242 \\ 804 &:= 2^0 + 14^0 + 15^2 + 24^2 + 25^0 = 20 + 140 + 152 + 242 + 250 & 804 &:= 6^0 + 14^0 + 15^2 + 21^0 + 24^2 = 60 + 140 + 152 + 210 + 242 \\ 804 &:= 2^0 + 15^0 + 15^2 + 24^0 + 24^2 = 20 + 150 + 152 + 240 + 242 & 804 &:= 6^0 + 15^0 + 15^2 + 20^0 + 24^2 = 60 + 150 + 152 + 200 + 242 \\ 804 &:= 2^0 + 15^2 + 16^0 + 23^0 + 24^2 = 20 + 152 + 160 + 230 + 242 & 804 &:= 6^0 + 15^2 + 16^0 + 19^0 + 24^2 = 60 + 152 + 160 + 190 + 242 \\ 804 &:= 2^0 + 15^2 + 17^0 + 22^0 + 24^2 = 20 + 152 + 170 + 220 + 242 & 804 &:= 6^0 + 15^2 + 17^0 + 18^0 + 24^2 = 60 + 152 + 170 + 180 + 242 \\ 804 &:= 2^0 + 15^2 + 18^0 + 21^0 + 24^2 = 20 + 152 + 180 + 210 + 242 & 804 &:= 6^0 + 8^0 + 15^2 + 24^2 + 27^0 = 60 + 80 + 152 + 242 + 270 \\ 804 &:= 2^0 + 15^2 + 19^0 + 20^0 + 24^2 = 20 + 152 + 190 + 200 + 242 & 804 &:= 6^0 + 9^0 + 15^2 + 24^2 + 26^0 = 60 + 90 + 152 + 242 + 260 \\ 804 &:= 3^0 + 11^0 + 15^2 + 24^2 + 27^0 = 30 + 110 + 152 + 242 + 270 & 804 &:= 7^0 + 10^0 + 15^2 + 24^0 + 24^2 = 70 + 100 + 152 + 240 + 242 \\ 804 &:= 3^0 + 12^0 + 15^2 + 24^2 + 26^0 = 30 + 120 + 152 + 242 + 260 & 804 &:= 7^0 + 11^0 + 15^2 + 23^0 + 24^2 = 70 + 110 + 152 + 230 + 242 \\ 804 &:= 3^0 + 13^0 + 15^2 + 24^2 + 25^0 = 30 + 130 + 152 + 242 + 250 & 804 &:= 7^0 + 12^0 + 15^2 + 22^0 + 24^2 = 70 + 120 + 152 + 220 + 242 \\ 804 &:= 3^0 + 14^0 + 15^2 + 24^0 + 24^2 = 30 + 140 + 152 + 240 + 242 & 804 &:= 7^0 + 13^0 + 15^2 + 21^0 + 24^2 = 70 + 130 + 152 + 210 + 242 \\ 804 &:= 3^0 + 15^0 + 15^2 + 23^0 + 24^2 = 30 + 150 + 152 + 230 + 242 & 804 &:= 7^0 + 14^0 + 15^2 + 20^0 + 24^2 = 70 + 140 + 152 + 200 + 242 \\ 804 &:= 3^0 + 15^2 + 16^0 + 22^0 + 24^2 = 30 + 152 + 160 + 220 + 242 & 804 &:= 7^0 + 15^0 + 15^2 + 19^0 + 24^2 = 70 + 150 + 152 + 190 + 242 \\ 804 &:= 3^0 + 15^2 + 17^0 + 21^0 + 24^2 = 30 + 152 + 170 + 210 + 242 & 804 &:= 7^0 + 15^2 + 16^0 + 18^0 + 24^2 = 70 + 152 + 160 + 180 + 242 \\ 804 &:= 3^0 + 15^2 + 18^0 + 20^0 + 24^2 = 30 + 152 + 180 + 200 + 242 & 804 &:= 7^0 + 15^2 + 17^0 + 17^0 + 24^2 = 70 + 152 + 170 + 170 + 242 \end{aligned}$$

$804 := 7^0 + 7^0 + 15^2 + 24^2 + 27^0 = 70 + 70 + 152 + 242 + 270$	$804 := 8^0 + 9^0 + 15^2 + 24^0 + 24^2 = 80 + 90 + 152 + 240 + 242$
$804 := 7^0 + 8^0 + 15^2 + 24^2 + 26^0 = 70 + 80 + 152 + 242 + 260$	$804 := 9^0 + 10^0 + 15^2 + 22^0 + 24^2 = 90 + 100 + 152 + 220 + 242$
$804 := 7^0 + 9^0 + 15^2 + 24^2 + 25^0 = 70 + 90 + 152 + 242 + 250$	$804 := 9^0 + 11^0 + 15^2 + 21^0 + 24^2 = 90 + 110 + 152 + 210 + 242$
$804 := 8^0 + 10^0 + 15^2 + 23^0 + 24^2 = 80 + 100 + 152 + 230 + 242$	$804 := 9^0 + 12^0 + 15^2 + 20^0 + 24^2 = 90 + 120 + 152 + 200 + 242$
$804 := 8^0 + 11^0 + 15^2 + 22^0 + 24^2 = 80 + 110 + 152 + 220 + 242$	$804 := 9^0 + 13^0 + 15^2 + 19^0 + 24^2 = 90 + 130 + 152 + 190 + 242$
$804 := 8^0 + 12^0 + 15^2 + 21^0 + 24^2 = 80 + 120 + 152 + 210 + 242$	$804 := 9^0 + 14^0 + 15^2 + 18^0 + 24^2 = 90 + 140 + 152 + 180 + 242$
$804 := 8^0 + 13^0 + 15^2 + 20^0 + 24^2 = 80 + 130 + 152 + 200 + 242$	$804 := 9^0 + 15^0 + 15^2 + 17^0 + 24^2 = 90 + 150 + 152 + 170 + 242$
$804 := 8^0 + 14^0 + 15^2 + 19^0 + 24^2 = 80 + 140 + 152 + 190 + 242$	$804 := 9^0 + 15^2 + 16^0 + 16^0 + 24^2 = 90 + 152 + 160 + 160 + 242$
$804 := 8^0 + 15^0 + 15^2 + 18^0 + 24^2 = 80 + 150 + 152 + 180 + 242$	$804 := 9^0 + 9^0 + 15^2 + 23^0 + 24^2 = 90 + 90 + 152 + 230 + 242$
$804 := 8^0 + 15^2 + 16^0 + 17^0 + 24^2 = 80 + 152 + 160 + 170 + 242$	
$804 := 8^0 + 8^0 + 15^2 + 24^2 + 25^0 = 80 + 80 + 152 + 242 + 250$	

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$805 := 1^8 + 3^6 + 75^1 = 18 + 36 + 751$	$805 := 1^7 + 3^6 + 25^1 + 50^1 = 17 + 36 + 251 + 501$
$805 := 1^0 + 1^8 + 3^6 + 74^1 = 10 + 18 + 36 + 741$	$805 := 1^7 + 3^6 + 26^1 + 49^1 = 17 + 36 + 261 + 491$
$805 := 1^1 + 1^7 + 3^6 + 74^1 = 11 + 17 + 36 + 741$	$805 := 1^7 + 3^6 + 27^1 + 48^1 = 17 + 36 + 271 + 481$
$805 := 1^2 + 1^6 + 3^6 + 74^1 = 12 + 16 + 36 + 741$	$805 := 1^7 + 3^6 + 28^1 + 47^1 = 17 + 36 + 281 + 471$
$805 := 1^2 + 19^1 + 28^2 + 32^0 = 12 + 191 + 282 + 320$	$805 := 1^7 + 3^6 + 29^1 + 46^1 = 17 + 36 + 291 + 461$
$805 := 1^3 + 1^5 + 3^6 + 74^1 = 13 + 15 + 36 + 741$	$805 := 1^7 + 3^6 + 30^1 + 45^1 = 17 + 36 + 301 + 451$
$805 := 1^4 + 1^4 + 3^6 + 74^1 = 14 + 14 + 36 + 741$	$805 := 1^7 + 3^6 + 31^1 + 44^1 = 17 + 36 + 311 + 441$
$805 := 1^5 + 2^7 + 25^2 + 51^1 = 15 + 27 + 252 + 511$	$805 := 1^7 + 3^6 + 32^1 + 43^1 = 17 + 36 + 321 + 431$
$805 := 1^7 + 2^1 + 3^6 + 73^1 = 17 + 21 + 36 + 731$	$805 := 1^7 + 3^6 + 33^1 + 42^1 = 17 + 36 + 331 + 421$
$805 := 1^7 + 3^1 + 3^6 + 72^1 = 17 + 31 + 36 + 721$	$805 := 1^7 + 3^6 + 34^1 + 41^1 = 17 + 36 + 341 + 411$
$805 := 1^7 + 3^6 + 10^1 + 65^1 = 17 + 36 + 101 + 651$	$805 := 1^7 + 3^6 + 35^1 + 40^1 = 17 + 36 + 351 + 401$
$805 := 1^7 + 3^6 + 11^1 + 64^1 = 17 + 36 + 111 + 641$	$805 := 1^7 + 3^6 + 36^1 + 39^1 = 17 + 36 + 361 + 391$
$805 := 1^7 + 3^6 + 12^1 + 63^1 = 17 + 36 + 121 + 631$	$805 := 1^7 + 3^6 + 37^1 + 38^1 = 17 + 36 + 371 + 381$
$805 := 1^7 + 3^6 + 13^1 + 62^1 = 17 + 36 + 131 + 621$	$805 := 1^7 + 3^6 + 4^1 + 71^1 = 17 + 36 + 41 + 711$
$805 := 1^7 + 3^6 + 14^1 + 61^1 = 17 + 36 + 141 + 611$	$805 := 1^7 + 3^6 + 5^1 + 70^1 = 17 + 36 + 51 + 701$
$805 := 1^7 + 3^6 + 15^1 + 60^1 = 17 + 36 + 151 + 601$	$805 := 1^7 + 3^6 + 6^1 + 69^1 = 17 + 36 + 61 + 691$
$805 := 1^7 + 3^6 + 16^1 + 59^1 = 17 + 36 + 161 + 591$	$805 := 1^7 + 3^6 + 7^1 + 68^1 = 17 + 36 + 71 + 681$
$805 := 1^7 + 3^6 + 17^1 + 58^1 = 17 + 36 + 171 + 581$	$805 := 1^7 + 3^6 + 8^1 + 67^1 = 17 + 36 + 81 + 671$
$805 := 1^7 + 3^6 + 18^1 + 57^1 = 17 + 36 + 181 + 571$	$805 := 1^7 + 3^6 + 9^1 + 66^1 = 17 + 36 + 91 + 661$
$805 := 1^7 + 3^6 + 19^1 + 56^1 = 17 + 36 + 191 + 561$	$805 := 1^8 + 2^3 + 9^3 + 67^1 = 18 + 23 + 93 + 671$
$805 := 1^7 + 3^6 + 20^1 + 55^1 = 17 + 36 + 201 + 551$	$805 := 1^8 + 3^6 + 75^1 = 18 + 36 + 751$
$805 := 1^7 + 3^6 + 21^1 + 54^1 = 17 + 36 + 211 + 541$	$805 := 1^9 + 3^2 + 9^3 + 66^1 = 19 + 32 + 93 + 661$
$805 := 1^7 + 3^6 + 22^1 + 53^1 = 17 + 36 + 221 + 531$	$805 := 1^9 + 3^3 + 27^2 + 48^1 = 19 + 33 + 272 + 481$
$805 := 1^7 + 3^6 + 23^1 + 52^1 = 17 + 36 + 231 + 521$	$805 := 10^0 + 14^2 + 24^2 + 32^1 = 100 + 142 + 242 + 321$
$805 := 1^7 + 3^6 + 24^1 + 51^1 = 17 + 36 + 241 + 511$	$805 := 10^0 + 17^2 + 22^2 + 31^1 = 100 + 172 + 222 + 311$

$805 := 10^1 + 13^2 + 25^2 + 32^0$	$= 101 + 132 + 252 + 320$	$805 := 1^6 + 3^6 + 24^1 + 25^1 + 26^1$	$= 16 + 36 + 241 + 251 + 261$
$805 := 10^2 + 16^0 + 26^2 + 28^1$	$= 102 + 160 + 262 + 281$	$805 := 1^6 + 3^6 + 25^1 + 25^1 + 25^1$	$= 16 + 36 + 251 + 251 + 251$
$805 := 16^2 + 19^1 + 22^0 + 23^2$	$= 162 + 191 + 220 + 232$	$805 := 1^8 + 3^3 + 21^1 + 27^1 + 27^2$	$= 18 + 33 + 211 + 271 + 272$
$805 := 2^0 + 18^2 + 21^2 + 39^1$	$= 20 + 182 + 212 + 391$	$805 := 1^8 + 3^3 + 22^1 + 26^1 + 27^2$	$= 18 + 33 + 221 + 261 + 272$
$805 := 2^1 + 19^2 + 21^2 + 38^0$	$= 21 + 192 + 212 + 380$	$805 := 1^8 + 3^3 + 23^1 + 25^1 + 27^2$	$= 18 + 33 + 231 + 251 + 272$
$805 := 2^2 + 16^1 + 28^2 + 34^0$	$= 22 + 161 + 282 + 340$	$805 := 1^8 + 3^3 + 24^1 + 24^1 + 27^2$	$= 18 + 33 + 241 + 241 + 272$
$805 := 2^3 + 2^9 + 15^2 + 60^1$	$= 23 + 29 + 152 + 601$	$805 := 1^9 + 12^1 + 18^2 + 21^2 + 27^1$	$= 19 + 121 + 182 + 212 + 271$
$805 := 2^9 + 3^2 + 6^3 + 68^1$	$= 29 + 32 + 63 + 681$	$805 := 1^9 + 13^1 + 18^2 + 21^2 + 26^1$	$= 19 + 131 + 182 + 212 + 261$
$805 := 2^9 + 3^5 + 25^0 + 49^1$	$= 29 + 35 + 250 + 491$	$805 := 1^9 + 14^1 + 18^2 + 21^2 + 25^1$	$= 19 + 141 + 182 + 212 + 251$
$805 := 2^9 + 4^3 + 13^2 + 60^1$	$= 29 + 43 + 132 + 601$	$805 := 1^9 + 15^1 + 18^2 + 21^2 + 24^1$	$= 19 + 151 + 182 + 212 + 241$
$805 := 2^9 + 4^4 + 6^2 + 67^0$	$= 29 + 44 + 62 + 670$	$805 := 1^9 + 16^1 + 18^2 + 21^2 + 23^1$	$= 19 + 161 + 182 + 212 + 231$
$805 := 3^1 + 15^2 + 24^2 + 38^0$	$= 31 + 152 + 242 + 380$	$805 := 1^9 + 17^1 + 18^2 + 21^2 + 22^1$	$= 19 + 171 + 182 + 212 + 221$
$805 := 3^2 + 11^1 + 28^2 + 38^0$	$= 32 + 111 + 282 + 380$	$805 := 1^9 + 18^1 + 18^2 + 21^1 + 21^2$	$= 19 + 181 + 182 + 211 + 212$
$805 := 4^1 + 20^2 + 20^2 + 36^0$	$= 41 + 202 + 202 + 360$	$805 := 1^9 + 18^2 + 19^1 + 20^1 + 21^2$	$= 19 + 182 + 191 + 201 + 212$
$805 := 4^1 + 4^2 + 28^2 + 44^0$	$= 41 + 42 + 282 + 440$	$805 := 10^0 + 13^0 + 16^2 + 18^1 + 23^2$	$= 100 + 130 + 162 + 181 + 232$
$805 := 6^2 + 8^0 + 27^2 + 39^1$	$= 62 + 80 + 272 + 391$	$805 := 11^0 + 12^0 + 16^2 + 18^1 + 23^2$	$= 110 + 120 + 162 + 181 + 232$
$805 := 7^1 + 11^2 + 26^2 + 36^0$	$= 71 + 112 + 262 + 360$	$805 := 2^0 + 10^2 + 15^0 + 26^2 + 27^1$	$= 20 + 102 + 150 + 262 + 271$
$805 := 7^2 + 20^0 + 26^1 + 27^2$	$= 72 + 200 + 261 + 272$	$805 := 2^0 + 16^2 + 18^1 + 21^0 + 23^2$	$= 20 + 162 + 181 + 210 + 232$
$805 := 8^0 + 12^2 + 25^2 + 35^1$	$= 80 + 122 + 252 + 351$	$805 := 2^0 + 7^2 + 19^0 + 25^1 + 27^2$	$= 20 + 72 + 190 + 251 + 272$
$805 := 8^2 + 11^1 + 27^2 + 34^0$	$= 82 + 111 + 272 + 340$	$805 := 2^1 + 12^0 + 15^2 + 24^2 + 27^0$	$= 21 + 120 + 152 + 242 + 270$
$805 := 1^0 + 10^2 + 16^0 + 26^2 + 27^1$	$= 10 + 102 + 160 + 262 + 271$	$805 := 2^1 + 13^0 + 15^2 + 24^2 + 26^0$	$= 21 + 130 + 152 + 242 + 260$
$805 := 1^0 + 16^2 + 18^1 + 22^0 + 23^2$	$= 10 + 162 + 181 + 220 + 232$	$805 := 2^1 + 14^0 + 15^2 + 24^2 + 25^0$	$= 21 + 140 + 152 + 242 + 250$
$805 := 1^0 + 7^2 + 20^0 + 25^1 + 27^2$	$= 10 + 72 + 200 + 251 + 272$	$805 := 2^1 + 15^0 + 15^2 + 24^0 + 24^2$	$= 21 + 150 + 152 + 240 + 242$
$805 := 1^1 + 12^0 + 19^2 + 21^2 + 27^0$	$= 11 + 120 + 192 + 212 + 270$	$805 := 2^1 + 15^2 + 16^0 + 23^0 + 24^2$	$= 21 + 152 + 160 + 230 + 242$
$805 := 1^1 + 13^0 + 19^2 + 21^2 + 26^0$	$= 11 + 130 + 192 + 212 + 260$	$805 := 2^1 + 15^2 + 17^0 + 22^0 + 24^2$	$= 21 + 152 + 170 + 220 + 242$
$805 := 1^1 + 14^0 + 19^2 + 21^2 + 25^0$	$= 11 + 140 + 192 + 212 + 250$	$805 := 2^1 + 15^2 + 18^0 + 21^0 + 24^2$	$= 21 + 152 + 180 + 210 + 242$
$805 := 1^1 + 15^0 + 19^2 + 21^2 + 24^0$	$= 11 + 150 + 192 + 212 + 240$	$805 := 2^1 + 15^2 + 19^0 + 20^0 + 24^2$	$= 21 + 152 + 190 + 200 + 242$
$805 := 1^1 + 16^0 + 19^2 + 21^2 + 23^0$	$= 11 + 160 + 192 + 212 + 230$	$805 := 2^8 + 3^4 + 21^2 + 26^1 + 27^0$	$= 28 + 34 + 212 + 261 + 270$
$805 := 1^1 + 17^0 + 19^2 + 21^2 + 22^0$	$= 11 + 170 + 192 + 212 + 220$	$805 := 3^0 + 10^2 + 14^0 + 26^2 + 27^1$	$= 30 + 102 + 140 + 262 + 271$
$805 := 1^1 + 18^0 + 19^2 + 21^0 + 21^2$	$= 11 + 180 + 192 + 210 + 212$	$805 := 3^0 + 16^2 + 18^1 + 20^0 + 23^2$	$= 30 + 162 + 181 + 200 + 232$
$805 := 1^1 + 19^0 + 19^2 + 20^0 + 21^2$	$= 11 + 190 + 192 + 200 + 212$	$805 := 3^0 + 7^2 + 18^0 + 25^1 + 27^2$	$= 30 + 72 + 180 + 251 + 272$
$805 := 1^4 + 2^7 + 24^1 + 25^2 + 27^1$	$= 14 + 27 + 241 + 252 + 271$	$805 := 3^1 + 10^0 + 20^2 + 20^2 + 27^0$	$= 31 + 100 + 202 + 202 + 270$
$805 := 1^4 + 2^7 + 25^1 + 25^2 + 26^1$	$= 14 + 27 + 251 + 252 + 261$	$805 := 3^1 + 11^0 + 20^2 + 20^2 + 26^0$	$= 31 + 110 + 202 + 202 + 260$
$805 := 1^6 + 3^6 + 21^1 + 27^1 + 27^1$	$= 16 + 36 + 211 + 271 + 271$	$805 := 3^1 + 12^0 + 20^2 + 20^2 + 25^0$	$= 31 + 120 + 202 + 202 + 250$
$805 := 1^6 + 3^6 + 22^1 + 26^1 + 27^1$	$= 16 + 36 + 221 + 261 + 271$	$805 := 3^1 + 13^0 + 20^2 + 20^2 + 24^0$	$= 31 + 130 + 202 + 202 + 240$
$805 := 1^6 + 3^6 + 23^1 + 25^1 + 27^1$	$= 16 + 36 + 231 + 251 + 271$	$805 := 3^1 + 14^0 + 20^2 + 20^2 + 23^0$	$= 31 + 140 + 202 + 202 + 230$
$805 := 1^6 + 3^6 + 23^1 + 26^1 + 26^1$	$= 16 + 36 + 231 + 261 + 261$	$805 := 3^1 + 15^0 + 20^2 + 20^2 + 22^0$	$= 31 + 150 + 202 + 202 + 220$
$805 := 1^6 + 3^6 + 24^1 + 24^1 + 27^1$	$= 16 + 36 + 241 + 241 + 271$	$805 := 3^1 + 16^0 + 20^2 + 20^2 + 21^0$	$= 31 + 160 + 202 + 202 + 210$

$805 := 3^1 + 17^0 + 20^0 + 20^2 + 20^2 = 31 + 170 + 200 + 202 + 202$	$805 := 7^2 + 8^0 + 13^0 + 25^1 + 27^2 = 72 + 80 + 130 + 251 + 272$
$805 := 3^1 + 18^0 + 19^0 + 20^2 + 20^2 = 31 + 180 + 190 + 202 + 202$	$805 := 7^2 + 9^0 + 12^0 + 25^1 + 27^2 = 72 + 90 + 120 + 251 + 272$
$805 := 4^0 + 10^2 + 13^0 + 26^2 + 27^1 = 40 + 102 + 130 + 262 + 271$	$805 := 8^0 + 15^0 + 16^2 + 18^1 + 23^2 = 80 + 150 + 162 + 181 + 232$
$805 := 4^0 + 16^2 + 18^1 + 19^0 + 23^2 = 40 + 162 + 181 + 190 + 232$	$805 := 8^0 + 8^2 + 10^1 + 27^0 + 27^2 = 80 + 82 + 101 + 270 + 272$
$805 := 4^0 + 7^2 + 17^0 + 25^1 + 27^2 = 40 + 72 + 170 + 251 + 272$	$805 := 8^0 + 9^0 + 10^2 + 26^2 + 27^1 = 80 + 90 + 102 + 262 + 271$
$805 := 5^0 + 10^2 + 12^0 + 26^2 + 27^1 = 50 + 102 + 120 + 262 + 271$	$805 := 8^0 + 9^1 + 13^2 + 25^0 + 25^2 = 80 + 91 + 132 + 250 + 252$
$805 := 5^0 + 16^2 + 18^0 + 18^1 + 23^2 = 50 + 162 + 180 + 181 + 232$	$805 := 8^2 + 10^0 + 10^1 + 25^0 + 27^2 = 82 + 100 + 101 + 250 + 272$
$805 := 5^0 + 7^2 + 16^0 + 25^1 + 27^2 = 50 + 72 + 160 + 251 + 272$	$805 := 8^2 + 10^1 + 11^0 + 24^0 + 27^2 = 82 + 101 + 110 + 240 + 272$
$805 := 6^0 + 10^2 + 11^0 + 26^2 + 27^1 = 60 + 102 + 110 + 262 + 271$	$805 := 8^2 + 10^1 + 12^0 + 23^0 + 27^2 = 82 + 101 + 120 + 230 + 272$
$805 := 6^0 + 16^2 + 17^0 + 18^1 + 23^2 = 60 + 162 + 170 + 181 + 232$	$805 := 8^2 + 10^1 + 13^0 + 22^0 + 27^2 = 82 + 101 + 130 + 220 + 272$
$805 := 6^0 + 7^2 + 15^0 + 25^1 + 27^2 = 60 + 72 + 150 + 251 + 272$	$805 := 8^2 + 10^1 + 14^0 + 21^0 + 27^2 = 82 + 101 + 140 + 210 + 272$
$805 := 6^0 + 9^1 + 13^2 + 25^2 + 27^0 = 60 + 91 + 132 + 252 + 270$	$805 := 8^2 + 10^1 + 15^0 + 20^0 + 27^2 = 82 + 101 + 150 + 200 + 272$
$805 := 6^1 + 10^0 + 11^2 + 26^2 + 27^0 = 61 + 100 + 112 + 262 + 270$	$805 := 8^2 + 10^1 + 16^0 + 19^0 + 27^2 = 82 + 101 + 160 + 190 + 272$
$805 := 6^1 + 11^0 + 11^2 + 26^0 + 26^2 = 61 + 110 + 112 + 260 + 262$	$805 := 8^2 + 10^1 + 17^0 + 18^0 + 27^2 = 82 + 101 + 170 + 180 + 272$
$805 := 6^1 + 11^2 + 12^0 + 25^0 + 26^2 = 61 + 112 + 120 + 250 + 262$	$805 := 8^2 + 9^0 + 10^1 + 26^0 + 27^2 = 82 + 90 + 101 + 260 + 272$
$805 := 6^1 + 11^2 + 13^0 + 24^0 + 26^2 = 61 + 112 + 130 + 240 + 262$	$805 := 9^0 + 14^0 + 16^2 + 18^1 + 23^2 = 90 + 140 + 162 + 181 + 232$
$805 := 6^1 + 11^2 + 14^0 + 23^0 + 26^2 = 61 + 112 + 140 + 230 + 262$	$805 := 9^0 + 9^1 + 13^2 + 24^0 + 25^2 = 90 + 91 + 132 + 240 + 252$
$805 := 6^1 + 11^2 + 15^0 + 22^0 + 26^2 = 61 + 112 + 150 + 220 + 262$	$805 := 9^1 + 10^0 + 13^2 + 23^0 + 25^2 = 91 + 100 + 132 + 230 + 252$
$805 := 6^1 + 11^2 + 16^0 + 21^0 + 26^2 = 61 + 112 + 160 + 210 + 262$	$805 := 9^1 + 11^0 + 13^2 + 22^0 + 25^2 = 91 + 110 + 132 + 220 + 252$
$805 := 6^1 + 11^2 + 17^0 + 20^0 + 26^2 = 61 + 112 + 170 + 200 + 262$	$805 := 9^1 + 12^0 + 13^2 + 21^0 + 25^2 = 91 + 120 + 132 + 210 + 252$
$805 := 6^1 + 11^2 + 18^0 + 19^0 + 26^2 = 61 + 112 + 180 + 190 + 262$	$805 := 9^1 + 13^0 + 13^2 + 20^0 + 25^2 = 91 + 130 + 132 + 200 + 252$
$805 := 7^0 + 10^0 + 10^2 + 26^2 + 27^1 = 70 + 100 + 102 + 262 + 271$	$805 := 9^1 + 13^2 + 14^0 + 19^0 + 25^2 = 91 + 132 + 140 + 190 + 252$
$805 := 7^0 + 16^0 + 16^2 + 18^1 + 23^2 = 70 + 160 + 162 + 181 + 232$	$805 := 9^1 + 13^2 + 15^0 + 18^0 + 25^2 = 91 + 132 + 150 + 180 + 252$
$805 := 7^0 + 7^2 + 14^0 + 25^1 + 27^2 = 70 + 72 + 140 + 251 + 272$	$805 := 9^1 + 13^2 + 16^0 + 17^0 + 25^2 = 91 + 132 + 160 + 170 + 252$
$805 := 7^0 + 9^1 + 13^2 + 25^2 + 26^0 = 70 + 91 + 132 + 252 + 260$	
$805 := 7^2 + 10^0 + 11^0 + 25^1 + 27^2 = 72 + 100 + 110 + 251 + 272$	

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$806 := 3^2 + 9^3 + 68^1 = 32 + 93 + 681$	$806 := 13^1 + 18^2 + 21^2 + 28^1 = 131 + 182 + 212 + 281$
$806 := 3^3 + 27^2 + 50^1 = 33 + 272 + 501$	$806 := 14^1 + 18^2 + 21^2 + 27^1 = 141 + 182 + 212 + 271$
$806 := 1^0 + 3^2 + 9^3 + 67^1 = 10 + 32 + 93 + 671$	$806 := 15^1 + 18^2 + 21^2 + 26^1 = 151 + 182 + 212 + 261$
$806 := 1^0 + 3^3 + 27^2 + 49^1 = 10 + 33 + 272 + 491$	$806 := 15^2 + 16^2 + 18^2 + 31^0 = 152 + 162 + 182 + 310$
$806 := 1^1 + 18^2 + 21^2 + 40^1 = 11 + 182 + 212 + 401$	$806 := 16^1 + 18^2 + 21^2 + 25^1 = 161 + 182 + 212 + 251$
$806 := 1^3 + 20^1 + 28^2 + 31^0 = 13 + 201 + 282 + 310$	$806 := 17^1 + 18^2 + 21^2 + 24^1 = 171 + 182 + 212 + 241$
$806 := 1^7 + 2^7 + 26^2 + 50^0 = 17 + 27 + 262 + 500$	$806 := 18^1 + 18^2 + 21^2 + 23^1 = 181 + 182 + 212 + 231$
$806 := 10^1 + 18^2 + 21^2 + 31^1 = 101 + 182 + 212 + 311$	$806 := 18^2 + 19^1 + 21^2 + 22^1 = 182 + 191 + 212 + 221$
$806 := 11^1 + 18^2 + 21^2 + 30^1 = 111 + 182 + 212 + 301$	$806 := 18^2 + 20^1 + 21^1 + 21^2 = 182 + 201 + 211 + 212$
$806 := 12^1 + 18^2 + 21^2 + 29^1 = 121 + 182 + 212 + 291$	$806 := 2^1 + 18^2 + 21^2 + 39^1 = 21 + 182 + 212 + 391$

$806 := 2^2 + 15^2 + 24^2 + 39^0$	$= 22 + 152 + 242 + 390$	$806 := 10^2 + 13^1 + 15^0 + 16^1 + 26^2 = 102 + 131 + 150 + 161 + 262$
$806 := 2^3 + 13^1 + 28^2 + 37^0$	$= 23 + 131 + 282 + 370$	$806 := 10^2 + 14^1 + 15^0 + 15^1 + 26^2 = 102 + 141 + 150 + 151 + 262$
$806 := 3^1 + 18^2 + 21^2 + 38^1$	$= 31 + 182 + 212 + 381$	$806 := 2^1 + 10^2 + 15^0 + 26^2 + 27^1 = 21 + 102 + 150 + 262 + 271$
$806 := 3^2 + 9^3 + 68^1$	$= 32 + 93 + 681$	$806 := 2^1 + 16^2 + 18^1 + 21^0 + 23^2 = 21 + 162 + 181 + 210 + 232$
$806 := 3^3 + 27^2 + 50^1$	$= 33 + 272 + 501$	$806 := 2^1 + 7^2 + 19^0 + 25^1 + 27^2 = 21 + 72 + 190 + 251 + 272$
$806 := 4^1 + 18^2 + 21^2 + 37^1$	$= 41 + 182 + 212 + 371$	$806 := 2^2 + 11^0 + 20^2 + 20^2 + 27^0 = 22 + 110 + 202 + 202 + 270$
$806 := 4^1 + 5^3 + 26^2 + 45^0$	$= 41 + 53 + 262 + 450$	$806 := 2^2 + 12^0 + 20^2 + 20^2 + 26^0 = 22 + 120 + 202 + 202 + 260$
$806 := 4^1 + 8^3 + 17^2 + 51^0$	$= 41 + 83 + 172 + 510$	$806 := 2^2 + 13^0 + 20^2 + 20^2 + 25^0 = 22 + 130 + 202 + 202 + 250$
$806 := 4^2 + 7^0 + 9^3 + 60^1$	$= 42 + 70 + 93 + 601$	$806 := 2^2 + 14^0 + 20^2 + 20^2 + 24^0 = 22 + 140 + 202 + 202 + 240$
$806 := 4^3 + 12^1 + 27^2 + 37^0$	$= 43 + 121 + 272 + 370$	$806 := 2^2 + 15^0 + 20^2 + 20^2 + 23^0 = 22 + 150 + 202 + 202 + 230$
$806 := 5^1 + 18^2 + 21^2 + 36^1$	$= 51 + 182 + 212 + 361$	$806 := 2^2 + 16^0 + 20^2 + 20^2 + 22^0 = 22 + 160 + 202 + 202 + 220$
$806 := 5^2 + 9^3 + 15^0 + 51^1$	$= 52 + 93 + 150 + 511$	$806 := 2^2 + 17^0 + 20^2 + 20^2 + 21^0 = 22 + 170 + 202 + 202 + 210$
$806 := 6^1 + 18^2 + 21^2 + 35^1$	$= 61 + 182 + 212 + 351$	$806 := 2^2 + 18^0 + 20^0 + 20^2 + 20^2 = 22 + 180 + 200 + 202 + 202$
$806 := 6^2 + 12^2 + 25^2 + 37^0$	$= 62 + 122 + 252 + 370$	$806 := 2^2 + 19^0 + 19^0 + 20^2 + 20^2 = 22 + 190 + 190 + 202 + 202$
$806 := 6^2 + 9^3 + 25^0 + 40^1$	$= 62 + 93 + 250 + 401$	$806 := 2^6 + 2^8 + 22^2 + 26^0 + 27^0 = 26 + 28 + 222 + 260 + 270$
$806 := 6^3 + 13^1 + 24^2 + 37^0$	$= 63 + 131 + 242 + 370$	$806 := 2^9 + 3^5 + 23^1 + 24^0 + 27^1 = 29 + 35 + 231 + 240 + 271$
$806 := 7^1 + 18^2 + 21^2 + 34^1$	$= 71 + 182 + 212 + 341$	$806 := 2^9 + 3^5 + 24^0 + 24^1 + 26^1 = 29 + 35 + 240 + 241 + 261$
$806 := 7^2 + 9^3 + 27^1 + 37^0$	$= 72 + 93 + 271 + 370$	$806 := 2^9 + 3^5 + 24^0 + 25^1 + 25^1 = 29 + 35 + 240 + 251 + 251$
$806 := 7^3 + 21^1 + 21^2 + 31^0$	$= 73 + 211 + 212 + 310$	$806 := 3^1 + 10^2 + 15^0 + 26^1 + 26^2 = 31 + 102 + 150 + 261 + 262$
$806 := 8^1 + 18^2 + 21^2 + 33^1$	$= 81 + 182 + 212 + 331$	$806 := 3^1 + 16^2 + 17^1 + 21^0 + 23^2 = 31 + 162 + 171 + 210 + 232$
$806 := 8^2 + 9^3 + 12^1 + 51^0$	$= 82 + 93 + 121 + 510$	$806 := 3^1 + 5^3 + 19^0 + 26^2 + 27^0 = 31 + 53 + 190 + 262 + 270$
$806 := 8^3 + 16^2 + 19^0 + 37^1$	$= 83 + 162 + 190 + 371$	$806 := 3^1 + 5^3 + 20^0 + 26^0 + 26^2 = 31 + 53 + 200 + 260 + 262$
$806 := 9^1 + 18^2 + 21^2 + 32^1$	$= 91 + 182 + 212 + 321$	$806 := 3^1 + 5^3 + 21^0 + 25^0 + 26^2 = 31 + 53 + 210 + 250 + 262$
$806 := 9^2 + 18^2 + 20^2 + 33^0$	$= 92 + 182 + 202 + 330$	$806 := 3^1 + 5^3 + 22^0 + 24^0 + 26^2 = 31 + 53 + 220 + 240 + 262$
$806 := 1^0 + 13^1 + 18^2 + 21^2 + 27^1$	$= 10 + 131 + 182 + 212 + 271$	$806 := 3^1 + 5^3 + 23^0 + 23^0 + 26^2 = 31 + 53 + 230 + 230 + 262$
$806 := 1^0 + 14^1 + 18^2 + 21^2 + 26^1$	$= 10 + 141 + 182 + 212 + 261$	$806 := 3^1 + 7^2 + 19^0 + 24^1 + 27^2 = 31 + 72 + 190 + 241 + 272$
$806 := 1^0 + 15^1 + 18^2 + 21^2 + 25^1$	$= 10 + 151 + 182 + 212 + 251$	$806 := 3^1 + 8^3 + 17^2 + 25^0 + 27^0 = 31 + 83 + 172 + 250 + 270$
$806 := 1^0 + 16^1 + 18^2 + 21^2 + 24^1$	$= 10 + 161 + 182 + 212 + 241$	$806 := 3^1 + 8^3 + 17^2 + 26^0 + 26^0 = 31 + 83 + 172 + 260 + 260$
$806 := 1^0 + 17^1 + 18^2 + 21^2 + 23^1$	$= 10 + 171 + 182 + 212 + 231$	$806 := 4^1 + 10^2 + 15^0 + 25^1 + 26^2 = 41 + 102 + 150 + 251 + 262$
$806 := 1^0 + 18^1 + 18^2 + 21^2 + 22^1$	$= 10 + 181 + 182 + 212 + 221$	$806 := 4^1 + 16^1 + 16^2 + 21^0 + 23^2 = 41 + 161 + 162 + 210 + 232$
$806 := 1^0 + 18^2 + 19^1 + 21^1 + 21^2$	$= 10 + 182 + 191 + 211 + 212$	$806 := 4^1 + 7^2 + 19^0 + 23^1 + 27^2 = 41 + 72 + 190 + 231 + 272$
$806 := 1^0 + 18^2 + 20^1 + 20^1 + 21^2$	$= 10 + 182 + 201 + 201 + 212$	$806 := 4^3 + 11^0 + 11^1 + 27^0 + 27^2 = 43 + 110 + 111 + 270 + 272$
$806 := 1^1 + 16^2 + 19^1 + 21^0 + 23^2$	$= 11 + 162 + 191 + 210 + 232$	$806 := 4^3 + 11^1 + 12^0 + 26^0 + 27^2 = 43 + 111 + 120 + 260 + 272$
$806 := 1^1 + 7^2 + 19^0 + 26^1 + 27^2$	$= 11 + 72 + 190 + 261 + 272$	$806 := 4^3 + 11^1 + 13^0 + 25^0 + 27^2 = 43 + 111 + 130 + 250 + 272$
$806 := 10^1 + 10^1 + 16^2 + 21^0 + 23^2 = 101 + 101 + 162 + 210 + 232$		$806 := 4^3 + 11^1 + 14^0 + 24^0 + 27^2 = 43 + 111 + 140 + 240 + 272$
$806 := 10^1 + 10^2 + 15^0 + 19^1 + 26^2 = 101 + 102 + 150 + 191 + 262$		$806 := 4^3 + 11^1 + 15^0 + 23^0 + 27^2 = 43 + 111 + 150 + 230 + 272$
$806 := 10^2 + 11^1 + 15^0 + 18^1 + 26^2 = 102 + 111 + 150 + 181 + 262$		$806 := 4^3 + 11^1 + 16^0 + 22^0 + 27^2 = 43 + 111 + 160 + 220 + 272$
$806 := 10^2 + 12^1 + 15^0 + 17^1 + 26^2 = 102 + 121 + 150 + 171 + 262$		$806 := 4^3 + 11^1 + 17^0 + 21^0 + 27^2 = 43 + 111 + 170 + 210 + 272$

$$\begin{aligned} 806 &:= 4^3 + 11^1 + 18^0 + 20^0 + 27^2 = 43 + 111 + 180 + 200 + 272 & 806 &:= 7^0 + 12^2 + 18^1 + 18^1 + 25^2 = 70 + 122 + 181 + 181 + 252 \\ 806 &:= 4^3 + 11^1 + 19^0 + 19^0 + 27^2 = 43 + 111 + 190 + 190 + 272 & 806 &:= 7^0 + 7^3 + 20^1 + 21^2 + 25^0 = 70 + 73 + 201 + 212 + 250 \\ 806 &:= 5^0 + 7^3 + 20^1 + 21^2 + 27^0 = 50 + 73 + 201 + 212 + 270 & 806 &:= 7^0 + 8^2 + 16^2 + 22^2 + 27^0 = 70 + 82 + 162 + 222 + 270 \\ 806 &:= 5^1 + 10^2 + 15^0 + 24^1 + 26^2 = 51 + 102 + 150 + 241 + 262 & 806 &:= 7^0 + 9^1 + 12^2 + 25^2 + 27^1 = 70 + 91 + 122 + 252 + 271 \\ 806 &:= 5^1 + 15^1 + 16^2 + 21^0 + 23^2 = 51 + 151 + 162 + 210 + 232 & 806 &:= 7^1 + 10^2 + 15^0 + 22^1 + 26^2 = 71 + 102 + 150 + 221 + 262 \\ 806 &:= 5^1 + 7^2 + 19^0 + 22^1 + 27^2 = 51 + 72 + 190 + 221 + 272 & 806 &:= 7^1 + 13^1 + 16^2 + 21^0 + 23^2 = 71 + 131 + 162 + 210 + 232 \\ 806 &:= 5^1 + 9^0 + 17^2 + 22^2 + 27^1 = 51 + 90 + 172 + 222 + 271 & 806 &:= 7^1 + 7^2 + 19^0 + 20^1 + 27^2 = 71 + 72 + 190 + 201 + 272 \\ 806 &:= 6^0 + 7^3 + 20^1 + 21^2 + 26^0 = 60 + 73 + 201 + 212 + 260 & 806 &:= 7^1 + 9^0 + 14^2 + 24^2 + 26^1 = 71 + 90 + 142 + 242 + 261 \\ 806 &:= 6^1 + 10^2 + 15^0 + 23^1 + 26^2 = 61 + 102 + 150 + 231 + 262 & 806 &:= 7^1 + 9^0 + 17^2 + 22^2 + 25^1 = 71 + 90 + 172 + 222 + 251 \\ 806 &:= 6^1 + 14^1 + 16^2 + 21^0 + 23^2 = 61 + 141 + 162 + 210 + 232 & 806 &:= 7^2 + 10^1 + 17^1 + 19^0 + 27^2 = 72 + 101 + 171 + 190 + 272 \\ 806 &:= 6^1 + 7^2 + 19^0 + 21^1 + 27^2 = 61 + 72 + 190 + 211 + 272 & 806 &:= 7^2 + 11^1 + 16^1 + 19^0 + 27^2 = 72 + 111 + 161 + 190 + 272 \\ 806 &:= 6^1 + 9^0 + 14^2 + 24^2 + 27^1 = 61 + 90 + 142 + 242 + 271 & 806 &:= 7^2 + 12^1 + 15^1 + 19^0 + 27^2 = 72 + 121 + 151 + 190 + 272 \\ 806 &:= 6^1 + 9^0 + 17^2 + 22^2 + 26^1 = 61 + 90 + 172 + 222 + 261 & 806 &:= 7^2 + 13^1 + 14^1 + 19^0 + 27^2 = 72 + 131 + 141 + 190 + 272 \\ 806 &:= 6^2 + 7^0 + 13^1 + 27^1 + 27^2 = 62 + 70 + 131 + 271 + 272 & 806 &:= 7^2 + 8^1 + 19^0 + 19^1 + 27^2 = 72 + 81 + 190 + 191 + 272 \\ 806 &:= 6^2 + 7^0 + 14^1 + 26^1 + 27^2 = 62 + 70 + 141 + 261 + 272 & 806 &:= 7^2 + 9^1 + 18^1 + 19^0 + 27^2 = 72 + 91 + 181 + 190 + 272 \\ 806 &:= 6^2 + 7^0 + 15^1 + 25^1 + 27^2 = 62 + 70 + 151 + 251 + 272 & 806 &:= 7^2 + 9^3 + 11^0 + 26^1 + 27^0 = 72 + 93 + 110 + 261 + 270 \\ 806 &:= 6^2 + 7^0 + 16^1 + 24^1 + 27^2 = 62 + 70 + 161 + 241 + 272 & 806 &:= 7^2 + 9^3 + 12^0 + 26^0 + 26^1 = 72 + 93 + 120 + 260 + 261 \\ 806 &:= 6^2 + 7^0 + 17^1 + 23^1 + 27^2 = 62 + 70 + 171 + 231 + 272 & 806 &:= 7^2 + 9^3 + 13^0 + 25^0 + 26^1 = 72 + 93 + 130 + 250 + 261 \\ 806 &:= 6^2 + 7^0 + 18^1 + 22^1 + 27^2 = 62 + 70 + 181 + 221 + 272 & 806 &:= 7^2 + 9^3 + 14^0 + 24^0 + 26^1 = 72 + 93 + 140 + 240 + 261 \\ 806 &:= 6^2 + 7^0 + 19^1 + 21^1 + 27^2 = 62 + 70 + 191 + 211 + 272 & 806 &:= 7^2 + 9^3 + 15^0 + 23^0 + 26^1 = 72 + 93 + 150 + 230 + 261 \\ 806 &:= 6^2 + 7^0 + 20^1 + 20^1 + 27^2 = 62 + 70 + 201 + 201 + 272 & 806 &:= 7^2 + 9^3 + 16^0 + 22^0 + 26^1 = 72 + 93 + 160 + 220 + 261 \\ 806 &:= 6^3 + 11^0 + 12^1 + 24^2 + 27^0 = 63 + 110 + 121 + 242 + 270 & 806 &:= 7^2 + 9^3 + 17^0 + 21^0 + 26^1 = 72 + 93 + 170 + 210 + 261 \\ 806 &:= 6^3 + 12^0 + 12^1 + 24^2 + 26^0 = 63 + 120 + 121 + 242 + 260 & 806 &:= 7^2 + 9^3 + 18^0 + 20^0 + 26^1 = 72 + 93 + 180 + 200 + 261 \\ 806 &:= 6^3 + 12^1 + 13^0 + 24^2 + 25^0 = 63 + 121 + 130 + 242 + 250 & 806 &:= 7^2 + 9^3 + 19^0 + 19^0 + 26^1 = 72 + 93 + 190 + 190 + 261 \\ 806 &:= 6^3 + 12^1 + 14^0 + 24^0 + 24^2 = 63 + 121 + 140 + 240 + 242 & 806 &:= 7^3 + 10^0 + 20^1 + 21^2 + 22^0 = 73 + 100 + 201 + 212 + 220 \\ 806 &:= 6^3 + 12^1 + 15^0 + 23^0 + 24^2 = 63 + 121 + 150 + 230 + 242 & 806 &:= 7^3 + 11^0 + 20^1 + 21^0 + 21^2 = 73 + 110 + 201 + 210 + 212 \\ 806 &:= 6^3 + 12^1 + 16^0 + 22^0 + 24^2 = 63 + 121 + 160 + 220 + 242 & 806 &:= 7^3 + 12^0 + 20^0 + 20^1 + 21^2 = 73 + 120 + 200 + 201 + 212 \\ 806 &:= 6^3 + 12^1 + 17^0 + 21^0 + 24^2 = 63 + 121 + 170 + 210 + 242 & 806 &:= 7^3 + 13^0 + 19^0 + 20^1 + 21^2 = 73 + 130 + 190 + 201 + 212 \\ 806 &:= 6^3 + 12^1 + 18^0 + 20^0 + 24^2 = 63 + 121 + 180 + 200 + 242 & 806 &:= 7^3 + 14^0 + 18^0 + 20^1 + 21^2 = 73 + 140 + 180 + 201 + 212 \\ 806 &:= 6^3 + 12^1 + 19^0 + 19^0 + 24^2 = 63 + 121 + 190 + 190 + 242 & 806 &:= 7^3 + 15^0 + 17^0 + 20^1 + 21^2 = 73 + 150 + 170 + 201 + 212 \\ 806 &:= 7^0 + 10^1 + 12^2 + 25^2 + 26^1 = 70 + 101 + 122 + 252 + 261 & 806 &:= 7^3 + 16^0 + 16^0 + 20^1 + 21^2 = 73 + 160 + 160 + 201 + 212 \\ 806 &:= 7^0 + 11^1 + 12^2 + 25^1 + 25^2 = 70 + 111 + 122 + 251 + 252 & 806 &:= 7^3 + 8^0 + 20^1 + 21^2 + 24^0 = 73 + 80 + 201 + 212 + 240 \\ 806 &:= 7^0 + 12^1 + 12^2 + 24^1 + 25^2 = 70 + 121 + 122 + 241 + 252 & 806 &:= 7^3 + 9^0 + 20^1 + 21^2 + 23^0 = 73 + 90 + 201 + 212 + 230 \\ 806 &:= 7^0 + 12^2 + 13^1 + 23^1 + 25^2 = 70 + 122 + 131 + 231 + 252 & 806 &:= 8^0 + 8^2 + 16^2 + 22^2 + 26^0 = 80 + 82 + 162 + 222 + 260 \\ 806 &:= 7^0 + 12^2 + 14^1 + 22^1 + 25^2 = 70 + 122 + 141 + 221 + 252 & 806 &:= 8^1 + 10^2 + 15^0 + 21^1 + 26^2 = 81 + 102 + 150 + 211 + 262 \\ 806 &:= 7^0 + 12^2 + 15^1 + 21^1 + 25^2 = 70 + 122 + 151 + 211 + 252 & 806 &:= 8^1 + 12^1 + 16^2 + 21^0 + 23^2 = 81 + 121 + 162 + 210 + 232 \\ 806 &:= 7^0 + 12^2 + 16^1 + 20^1 + 25^2 = 70 + 122 + 161 + 201 + 252 & 806 &:= 8^1 + 9^0 + 14^2 + 24^2 + 25^1 = 81 + 90 + 142 + 242 + 251 \\ 806 &:= 7^0 + 12^2 + 17^1 + 19^1 + 25^2 = 70 + 122 + 171 + 191 + 252 & 806 &:= 8^1 + 9^0 + 17^2 + 22^2 + 24^1 = 81 + 90 + 172 + 222 + 241 \end{aligned}$$

$$\begin{aligned}
 806 &:= 8^2 + 10^0 + 16^2 + 22^2 + 24^0 = 82 + 100 + 162 + 222 + 240 \\
 806 &:= 8^2 + 11^0 + 16^2 + 22^2 + 23^0 = 82 + 110 + 162 + 222 + 230 \\
 806 &:= 8^2 + 12^0 + 16^2 + 22^0 + 22^2 = 82 + 120 + 162 + 220 + 222 \\
 806 &:= 8^2 + 13^0 + 16^2 + 21^0 + 22^2 = 82 + 130 + 162 + 210 + 222 \\
 806 &:= 8^2 + 14^0 + 16^2 + 20^0 + 22^2 = 82 + 140 + 162 + 200 + 222 \\
 806 &:= 8^2 + 15^0 + 16^2 + 19^0 + 22^2 = 82 + 150 + 162 + 190 + 222 \\
 806 &:= 8^2 + 16^0 + 16^2 + 18^0 + 22^2 = 82 + 160 + 162 + 180 + 222 \\
 806 &:= 8^2 + 16^2 + 17^0 + 17^0 + 22^2 = 82 + 162 + 170 + 170 + 222 \\
 806 &:= 8^2 + 8^2 + 11^0 + 26^2 + 27^0 = 82 + 82 + 110 + 262 + 270 \\
 806 &:= 8^2 + 8^2 + 12^0 + 26^0 + 26^2 = 82 + 82 + 120 + 260 + 262 \\
 806 &:= 8^2 + 8^2 + 13^0 + 25^0 + 26^2 = 82 + 82 + 130 + 250 + 262 \\
 806 &:= 8^2 + 8^2 + 14^0 + 24^0 + 26^2 = 82 + 82 + 140 + 240 + 262 \\
 806 &:= 8^2 + 8^2 + 15^0 + 23^0 + 26^2 = 82 + 82 + 150 + 230 + 262 \\
 806 &:= 8^2 + 8^2 + 16^0 + 22^0 + 26^2 = 82 + 82 + 160 + 220 + 262 \\
 806 &:= 8^2 + 8^2 + 17^0 + 21^0 + 26^2 = 82 + 82 + 170 + 210 + 262 \\
 806 &:= 8^2 + 8^2 + 18^0 + 20^0 + 26^2 = 82 + 82 + 180 + 200 + 262 \\
 806 &:= 8^2 + 8^2 + 19^0 + 19^0 + 26^2 = 82 + 82 + 190 + 190 + 262 \\
 806 &:= 8^2 + 9^0 + 16^2 + 22^2 + 25^0 = 82 + 90 + 162 + 222 + 250 \\
 806 &:= 8^2 + 9^3 + 11^1 + 25^0 + 27^0 = 82 + 93 + 111 + 250 + 270 \\
 806 &:= 8^2 + 9^3 + 11^1 + 26^0 + 26^0 = 82 + 93 + 111 + 260 + 260
 \end{aligned}$$

$$\begin{aligned}
 806 &:= 9^0 + 10^1 + 14^2 + 23^1 + 24^2 = 90 + 101 + 142 + 231 + 242 \\
 806 &:= 9^0 + 10^1 + 17^2 + 22^1 + 22^2 = 90 + 101 + 172 + 221 + 222 \\
 806 &:= 9^0 + 11^1 + 14^2 + 22^1 + 24^2 = 90 + 111 + 142 + 221 + 242 \\
 806 &:= 9^0 + 11^1 + 17^2 + 21^1 + 22^2 = 90 + 111 + 172 + 211 + 222 \\
 806 &:= 9^0 + 12^1 + 14^2 + 21^1 + 24^2 = 90 + 121 + 142 + 211 + 242 \\
 806 &:= 9^0 + 12^1 + 17^2 + 20^1 + 22^2 = 90 + 121 + 172 + 201 + 222 \\
 806 &:= 9^0 + 13^1 + 14^2 + 20^1 + 24^2 = 90 + 131 + 142 + 201 + 242 \\
 806 &:= 9^0 + 13^1 + 17^2 + 19^1 + 22^2 = 90 + 131 + 172 + 191 + 222 \\
 806 &:= 9^0 + 14^1 + 14^2 + 19^1 + 24^2 = 90 + 141 + 142 + 191 + 242 \\
 806 &:= 9^0 + 14^1 + 17^2 + 18^1 + 22^2 = 90 + 141 + 172 + 181 + 222 \\
 806 &:= 9^0 + 14^2 + 15^1 + 18^1 + 24^2 = 90 + 142 + 151 + 181 + 242 \\
 806 &:= 9^0 + 14^2 + 16^1 + 17^1 + 24^2 = 90 + 142 + 161 + 171 + 242 \\
 806 &:= 9^0 + 15^1 + 17^1 + 17^2 + 22^2 = 90 + 151 + 171 + 172 + 222 \\
 806 &:= 9^0 + 16^1 + 16^1 + 17^2 + 22^2 = 90 + 161 + 161 + 172 + 222 \\
 806 &:= 9^0 + 9^1 + 14^2 + 24^1 + 24^2 = 90 + 91 + 142 + 241 + 242 \\
 806 &:= 9^0 + 9^1 + 17^2 + 22^2 + 23^1 = 90 + 91 + 172 + 222 + 231 \\
 806 &:= 9^1 + 10^2 + 15^0 + 20^1 + 26^2 = 91 + 102 + 150 + 201 + 262 \\
 806 &:= 9^1 + 11^1 + 16^2 + 21^0 + 23^2 = 91 + 111 + 162 + 210 + 232
 \end{aligned}$$

2.2.708 Number 807

$$\begin{aligned}
 807 &:= 1^4 + 21^1 + 28^2 + 30^0 = 14 + 211 + 282 + 300 \\
 807 &:= 1^8 + 2^2 + 3^6 + 73^1 = 18 + 22 + 36 + 731 \\
 807 &:= 2^0 + 3^4 + 26^2 + 49^1 = 20 + 34 + 262 + 491 \\
 807 &:= 2^4 + 6^1 + 28^2 + 44^0 = 24 + 61 + 282 + 440 \\
 807 &:= 3^3 + 9^3 + 18^0 + 50^1 = 33 + 93 + 180 + 501 \\
 807 &:= 4^0 + 5^4 + 11^2 + 60^1 = 40 + 54 + 112 + 601 \\
 807 &:= 4^3 + 9^3 + 13^1 + 54^0 = 43 + 93 + 131 + 540 \\
 807 &:= 4^4 + 21^1 + 23^2 + 32^0 = 44 + 211 + 232 + 320 \\
 807 &:= 5^4 + 12^1 + 13^2 + 50^0 = 54 + 121 + 132 + 500 \\
 807 &:= 5^4 + 12^2 + 26^0 + 37^1 = 54 + 122 + 260 + 371 \\
 807 &:= 1^2 + 16^2 + 20^0 + 20^1 + 23^2 = 12 + 162 + 200 + 201 + 232 \\
 807 &:= 1^2 + 7^2 + 18^0 + 27^1 + 27^2 = 12 + 72 + 180 + 271 + 272 \\
 807 &:= 1^8 + 2^7 + 23^0 + 26^2 + 27^0 = 18 + 27 + 230 + 262 + 270 \\
 807 &:= 1^8 + 2^7 + 24^0 + 26^0 + 26^2 = 18 + 27 + 240 + 260 + 262 \\
 807 &:= 1^8 + 2^7 + 25^0 + 25^0 + 26^2 = 18 + 27 + 250 + 250 + 262 \\
 807 &:= 1^9 + 3^4 + 22^1 + 26^2 + 27^1 = 19 + 34 + 221 + 262 + 271
 \end{aligned}$$

$$\begin{aligned}
 807 &:= 1^9 + 3^4 + 23^1 + 26^1 + 26^2 = 19 + 34 + 231 + 261 + 262 \\
 807 &:= 1^9 + 3^4 + 24^1 + 25^1 + 26^2 = 19 + 34 + 241 + 251 + 262 \\
 807 &:= 10^2 + 12^0 + 18^2 + 19^2 + 21^1 = 102 + 120 + 182 + 192 + 211 \\
 807 &:= 10^2 + 16^0 + 17^1 + 17^2 + 20^2 = 102 + 160 + 171 + 172 + 202 \\
 807 &:= 11^2 + 12^1 + 12^2 + 22^0 + 23^2 = 112 + 121 + 122 + 220 + 232 \\
 807 &:= 11^2 + 14^0 + 15^2 + 19^1 + 21^2 = 112 + 140 + 152 + 191 + 212 \\
 807 &:= 12^0 + 13^2 + 16^2 + 19^2 + 20^1 = 120 + 132 + 162 + 192 + 201 \\
 807 &:= 12^1 + 12^2 + 17^2 + 19^2 + 20^0 = 121 + 122 + 172 + 192 + 200 \\
 807 &:= 12^1 + 13^2 + 15^2 + 20^0 + 20^2 = 121 + 132 + 152 + 200 + 202 \\
 807 &:= 12^2 + 14^1 + 18^0 + 18^2 + 18^2 = 122 + 141 + 180 + 182 + 182 \\
 807 &:= 14^1 + 14^2 + 14^2 + 18^0 + 20^2 = 141 + 142 + 142 + 180 + 202 \\
 807 &:= 2^2 + 10^2 + 16^0 + 26^1 + 26^2 = 22 + 102 + 160 + 261 + 262 \\
 807 &:= 2^2 + 16^2 + 17^1 + 22^0 + 23^2 = 22 + 162 + 171 + 220 + 232 \\
 807 &:= 2^2 + 5^3 + 20^0 + 26^2 + 27^0 = 22 + 53 + 200 + 262 + 270 \\
 807 &:= 2^2 + 5^3 + 21^0 + 26^0 + 26^2 = 22 + 53 + 210 + 260 + 262 \\
 807 &:= 2^2 + 5^3 + 22^0 + 25^0 + 26^2 = 22 + 53 + 220 + 250 + 262
 \end{aligned}$$

$$\begin{aligned} 807 &:= 2^2 + 5^3 + 23^0 + 24^0 + 26^2 = 22 + 53 + 230 + 240 + 262 & 807 &:= 5^1 + 16^2 + 16^2 + 17^2 + 26^0 = 51 + 162 + 162 + 172 + 260 \\ 807 &:= 2^2 + 7^2 + 20^0 + 24^1 + 27^2 = 22 + 72 + 200 + 241 + 272 & 807 &:= 5^2 + 10^0 + 15^2 + 23^2 + 27^1 = 52 + 100 + 152 + 232 + 271 \\ 807 &:= 2^2 + 8^3 + 17^2 + 26^0 + 27^0 = 22 + 83 + 172 + 260 + 270 & 807 &:= 5^2 + 12^1 + 12^2 + 25^2 + 26^0 = 52 + 121 + 122 + 252 + 260 \\ 807 &:= 2^3 + 11^2 + 14^0 + 26^2 + 27^0 = 23 + 112 + 140 + 262 + 270 & 807 &:= 5^2 + 16^0 + 19^2 + 20^1 + 20^2 = 52 + 160 + 192 + 201 + 202 \\ 807 &:= 2^3 + 11^2 + 15^0 + 26^0 + 26^2 = 23 + 112 + 150 + 260 + 262 & 807 &:= 5^2 + 16^1 + 18^2 + 20^0 + 21^2 = 52 + 161 + 182 + 200 + 212 \\ 807 &:= 2^3 + 11^2 + 16^0 + 25^0 + 26^2 = 23 + 112 + 160 + 250 + 262 & 807 &:= 5^2 + 5^2 + 16^0 + 27^1 + 27^2 = 52 + 52 + 160 + 271 + 272 \\ 807 &:= 2^3 + 11^2 + 17^0 + 24^0 + 26^2 = 23 + 112 + 170 + 240 + 262 & 807 &:= 5^2 + 6^2 + 16^1 + 26^0 + 27^2 = 52 + 62 + 161 + 260 + 272 \\ 807 &:= 2^3 + 11^2 + 18^0 + 23^0 + 26^2 = 23 + 112 + 180 + 230 + 262 & 807 &:= 5^2 + 9^2 + 16^0 + 24^1 + 26^2 = 52 + 92 + 160 + 241 + 262 \\ 807 &:= 2^3 + 11^2 + 19^0 + 22^0 + 26^2 = 23 + 112 + 190 + 220 + 262 & 807 &:= 5^2 + 9^3 + 14^0 + 25^1 + 27^1 = 52 + 93 + 140 + 251 + 271 \\ 807 &:= 2^3 + 11^2 + 20^0 + 21^0 + 26^2 = 23 + 112 + 200 + 210 + 262 & 807 &:= 5^2 + 9^3 + 14^0 + 26^1 + 26^1 = 52 + 93 + 140 + 261 + 261 \\ 807 &:= 3^2 + 10^2 + 20^0 + 21^1 + 26^2 = 32 + 102 + 200 + 211 + 262 & 807 &:= 5^3 + 12^0 + 14^2 + 22^2 + 27^0 = 53 + 120 + 142 + 222 + 270 \\ 807 &:= 3^2 + 12^1 + 16^2 + 23^2 + 26^0 = 32 + 121 + 162 + 232 + 260 & 807 &:= 5^3 + 13^0 + 14^2 + 22^2 + 26^0 = 53 + 130 + 142 + 222 + 260 \\ 807 &:= 3^2 + 14^0 + 14^2 + 24^2 + 25^1 = 32 + 140 + 142 + 242 + 251 & 807 &:= 5^3 + 14^0 + 14^2 + 22^2 + 25^0 = 53 + 140 + 142 + 222 + 250 \\ 807 &:= 3^2 + 14^0 + 17^2 + 22^2 + 24^1 = 32 + 140 + 172 + 222 + 241 & 807 &:= 5^3 + 14^2 + 15^0 + 22^2 + 24^0 = 53 + 142 + 150 + 222 + 240 \\ 807 &:= 3^2 + 7^2 + 19^1 + 24^0 + 27^2 = 32 + 72 + 191 + 240 + 272 & 807 &:= 5^3 + 14^2 + 16^0 + 22^2 + 23^0 = 53 + 142 + 160 + 222 + 230 \\ 807 &:= 3^3 + 7^2 + 16^0 + 27^0 + 27^2 = 33 + 72 + 160 + 270 + 272 & 807 &:= 5^3 + 14^2 + 17^0 + 22^0 + 22^2 = 53 + 142 + 170 + 220 + 222 \\ 807 &:= 3^3 + 7^2 + 17^0 + 26^0 + 27^2 = 33 + 72 + 170 + 260 + 272 & 807 &:= 5^3 + 14^2 + 18^0 + 21^0 + 22^2 = 53 + 142 + 180 + 210 + 222 \\ 807 &:= 3^3 + 7^2 + 18^0 + 25^0 + 27^2 = 33 + 72 + 180 + 250 + 272 & 807 &:= 5^3 + 14^2 + 19^0 + 20^0 + 22^2 = 53 + 142 + 190 + 200 + 222 \\ 807 &:= 3^3 + 7^2 + 19^0 + 24^0 + 27^2 = 33 + 72 + 190 + 240 + 272 & 807 &:= 5^4 + 11^1 + 13^2 + 24^0 + 27^0 = 54 + 111 + 132 + 240 + 270 \\ 807 &:= 3^3 + 7^2 + 20^0 + 23^0 + 27^2 = 33 + 72 + 200 + 230 + 272 & 807 &:= 5^4 + 11^1 + 13^2 + 25^0 + 26^0 = 54 + 111 + 132 + 250 + 260 \\ 807 &:= 3^3 + 7^2 + 21^0 + 22^0 + 27^2 = 33 + 72 + 210 + 220 + 272 & 807 &:= 6^0 + 13^2 + 13^2 + 21^2 + 27^1 = 60 + 132 + 132 + 212 + 271 \\ 807 &:= 4^2 + 10^2 + 14^1 + 26^0 + 26^2 = 42 + 102 + 141 + 260 + 262 & 807 &:= 6^1 + 12^2 + 16^2 + 20^2 + 26^0 = 61 + 122 + 162 + 202 + 260 \\ 807 &:= 4^2 + 12^0 + 18^2 + 21^2 + 25^1 = 42 + 120 + 182 + 212 + 251 & 807 &:= 6^2 + 11^2 + 14^0 + 24^1 + 25^2 = 62 + 112 + 140 + 241 + 252 \\ 807 &:= 4^2 + 12^2 + 18^0 + 21^1 + 25^2 = 42 + 122 + 180 + 211 + 252 & 807 &:= 6^2 + 12^0 + 13^2 + 24^2 + 25^1 = 62 + 120 + 132 + 242 + 251 \\ 807 &:= 4^2 + 14^2 + 18^1 + 20^0 + 24^2 = 42 + 142 + 181 + 200 + 242 & 807 &:= 6^2 + 15^2 + 16^1 + 20^0 + 23^2 = 62 + 152 + 161 + 200 + 232 \\ 807 &:= 4^2 + 17^1 + 17^2 + 20^0 + 22^2 = 42 + 171 + 172 + 200 + 222 & 807 &:= 6^2 + 9^1 + 19^2 + 20^2 + 26^0 = 62 + 91 + 192 + 202 + 260 \\ 807 &:= 4^2 + 6^2 + 18^0 + 25^1 + 27^2 = 42 + 62 + 180 + 251 + 272 & 807 &:= 6^2 + 9^2 + 13^1 + 26^0 + 26^2 = 62 + 92 + 131 + 260 + 262 \\ 807 &:= 4^4 + 10^0 + 20^1 + 23^0 + 23^2 = 44 + 100 + 201 + 230 + 232 & 807 &:= 6^2 + 9^3 + 14^1 + 24^0 + 27^1 = 62 + 93 + 141 + 240 + 271 \\ 807 &:= 4^4 + 11^0 + 20^1 + 22^0 + 23^2 = 44 + 110 + 201 + 220 + 232 & 807 &:= 6^2 + 9^3 + 15^1 + 24^0 + 26^1 = 62 + 93 + 151 + 240 + 261 \\ 807 &:= 4^4 + 12^0 + 20^1 + 21^0 + 23^2 = 44 + 120 + 201 + 210 + 232 & 807 &:= 6^2 + 9^3 + 16^1 + 24^0 + 25^1 = 62 + 93 + 161 + 240 + 251 \\ 807 &:= 4^4 + 13^0 + 20^0 + 20^1 + 23^2 = 44 + 130 + 200 + 201 + 232 & 807 &:= 6^2 + 9^3 + 17^1 + 24^0 + 24^1 = 62 + 93 + 171 + 240 + 241 \\ 807 &:= 4^4 + 14^0 + 19^0 + 20^1 + 23^2 = 44 + 140 + 190 + 201 + 232 & 807 &:= 6^2 + 9^3 + 18^1 + 23^1 + 24^0 = 62 + 93 + 181 + 231 + 240 \\ 807 &:= 4^4 + 15^0 + 18^0 + 20^1 + 23^2 = 44 + 150 + 180 + 201 + 232 & 807 &:= 6^2 + 9^3 + 19^1 + 22^1 + 24^0 = 62 + 93 + 191 + 221 + 240 \\ 807 &:= 4^4 + 16^0 + 17^0 + 20^1 + 23^2 = 44 + 160 + 170 + 201 + 232 & 807 &:= 6^2 + 9^3 + 20^1 + 21^1 + 24^0 = 62 + 93 + 201 + 211 + 240 \\ 807 &:= 4^4 + 6^0 + 20^1 + 23^2 + 27^0 = 44 + 60 + 201 + 232 + 270 & 807 &:= 7^2 + 11^1 + 11^2 + 25^2 + 26^0 = 72 + 111 + 112 + 252 + 260 \\ 807 &:= 4^4 + 7^0 + 20^1 + 23^2 + 26^0 = 44 + 70 + 201 + 232 + 260 & 807 &:= 7^2 + 12^1 + 13^2 + 24^0 + 24^2 = 72 + 121 + 132 + 240 + 242 \\ 807 &:= 4^4 + 8^0 + 20^1 + 23^2 + 25^0 = 44 + 80 + 201 + 232 + 250 & 807 &:= 7^2 + 16^2 + 17^1 + 18^0 + 22^2 = 72 + 162 + 171 + 180 + 222 \\ 807 &:= 4^4 + 9^0 + 20^1 + 23^2 + 24^0 = 44 + 90 + 201 + 232 + 240 & 807 &:= 7^2 + 8^0 + 17^2 + 21^2 + 27^1 = 72 + 80 + 172 + 212 + 271 \end{aligned}$$

$807 := 7^2 + 8^2 + 17^1 + 22^0 + 26^2 = 72 + 82 + 171 + 220 + 262$	$807 := 8^3 + 12^1 + 16^2 + 18^0 + 26^1 = 83 + 121 + 162 + 180 + 261$
$807 := 8^0 + 10^2 + 14^2 + 22^2 + 26^1 = 80 + 102 + 142 + 222 + 261$	$807 := 8^3 + 13^1 + 16^2 + 18^0 + 25^1 = 83 + 131 + 162 + 180 + 251$
$807 := 8^0 + 12^2 + 14^2 + 21^2 + 25^1 = 80 + 122 + 142 + 212 + 251$	$807 := 8^3 + 14^1 + 16^2 + 18^0 + 24^1 = 83 + 141 + 162 + 180 + 241$
$807 := 8^0 + 13^2 + 17^2 + 18^2 + 24^1 = 80 + 132 + 172 + 182 + 241$	$807 := 8^3 + 15^1 + 16^2 + 18^0 + 23^1 = 83 + 151 + 162 + 180 + 231$
$807 := 8^0 + 14^2 + 15^2 + 19^2 + 24^1 = 80 + 142 + 152 + 192 + 241$	$807 := 8^3 + 16^1 + 16^2 + 18^0 + 22^1 = 83 + 161 + 162 + 180 + 221$
$807 := 8^0 + 9^2 + 13^2 + 23^2 + 27^1 = 80 + 92 + 132 + 232 + 271$	$807 := 8^3 + 16^2 + 17^1 + 18^0 + 21^1 = 83 + 162 + 171 + 180 + 211$
$807 := 8^1 + 10^2 + 13^2 + 23^2 + 26^0 = 81 + 102 + 132 + 232 + 260$	$807 := 8^3 + 16^2 + 18^0 + 18^1 + 20^1 = 83 + 162 + 180 + 181 + 201$
$807 := 8^2 + 10^2 + 17^1 + 20^0 + 25^2 = 82 + 102 + 171 + 200 + 252$	$807 := 8^3 + 16^2 + 18^0 + 19^1 + 19^1 = 83 + 162 + 180 + 191 + 191$
$807 := 8^2 + 12^1 + 17^2 + 21^2 + 22^0 = 82 + 121 + 172 + 212 + 220$	$807 := 9^1 + 10^2 + 11^2 + 24^2 + 26^0 = 91 + 102 + 112 + 242 + 260$
$807 := 8^2 + 12^2 + 14^0 + 22^1 + 24^2 = 82 + 122 + 140 + 221 + 242$	$807 := 9^1 + 10^2 + 16^2 + 21^2 + 24^0 = 91 + 102 + 162 + 212 + 240$
$807 := 8^2 + 14^0 + 19^2 + 19^2 + 20^1 = 82 + 140 + 192 + 192 + 201$	$807 := 9^1 + 12^2 + 13^2 + 22^2 + 24^0 = 91 + 122 + 132 + 222 + 240$
$807 := 8^2 + 14^2 + 17^1 + 18^0 + 23^2 = 82 + 142 + 171 + 180 + 232$	$807 := 9^2 + 15^2 + 16^1 + 18^0 + 22^2 = 92 + 152 + 161 + 180 + 222$
$807 := 8^2 + 16^0 + 18^1 + 18^2 + 20^2 = 82 + 160 + 181 + 182 + 202$	$807 := 9^2 + 9^2 + 18^0 + 19^1 + 25^2 = 92 + 92 + 180 + 191 + 252$
$807 := 8^3 + 11^1 + 16^2 + 18^0 + 27^1 = 83 + 111 + 162 + 180 + 271$	

2.2.709 Number 808

$808 := 1^1 + 3^4 + 26^2 + 50^1 = 11 + 34 + 262 + 501$	$808 := 3^4 + 19^1 + 26^2 + 32^1 = 34 + 191 + 262 + 321$
$808 := 1^5 + 22^1 + 28^2 + 29^0 = 15 + 221 + 282 + 290$	$808 := 3^4 + 20^1 + 26^2 + 31^1 = 34 + 201 + 262 + 311$
$808 := 2^1 + 3^4 + 26^2 + 49^1 = 21 + 34 + 262 + 491$	$808 := 3^4 + 21^1 + 26^2 + 30^1 = 34 + 211 + 262 + 301$
$808 := 2^2 + 3^2 + 9^3 + 66^1 = 22 + 32 + 93 + 661$	$808 := 3^4 + 22^1 + 26^2 + 29^1 = 34 + 221 + 262 + 291$
$808 := 2^2 + 3^3 + 27^2 + 48^1 = 22 + 33 + 272 + 481$	$808 := 3^4 + 23^1 + 26^2 + 28^1 = 34 + 231 + 262 + 281$
$808 := 2^3 + 19^2 + 20^2 + 39^1 = 23 + 192 + 202 + 391$	$808 := 3^4 + 24^1 + 26^2 + 27^1 = 34 + 241 + 262 + 271$
$808 := 2^3 + 5^2 + 27^2 + 46^1 = 23 + 52 + 272 + 461$	$808 := 3^4 + 25^1 + 26^1 + 26^2 = 34 + 251 + 261 + 262$
$808 := 2^3 + 9^2 + 26^2 + 43^1 = 23 + 92 + 262 + 431$	$808 := 3^4 + 4^1 + 26^2 + 47^1 = 34 + 41 + 262 + 471$
$808 := 2^4 + 7^0 + 9^3 + 62^1 = 24 + 70 + 93 + 621$	$808 := 3^4 + 5^1 + 26^2 + 46^1 = 34 + 51 + 262 + 461$
$808 := 2^5 + 5^0 + 27^2 + 46^1 = 25 + 50 + 272 + 461$	$808 := 3^4 + 6^1 + 26^2 + 45^1 = 34 + 61 + 262 + 451$
$808 := 2^8 + 2^9 + 36^0 + 39^1 = 28 + 29 + 360 + 391$	$808 := 3^4 + 7^1 + 26^2 + 44^1 = 34 + 71 + 262 + 441$
$808 := 3^1 + 3^4 + 26^2 + 48^1 = 31 + 34 + 262 + 481$	$808 := 3^4 + 8^1 + 26^2 + 43^1 = 34 + 81 + 262 + 431$
$808 := 3^4 + 10^1 + 26^2 + 41^1 = 34 + 101 + 262 + 411$	$808 := 3^4 + 9^1 + 26^2 + 42^1 = 34 + 91 + 262 + 421$
$808 := 3^4 + 11^1 + 26^2 + 40^1 = 34 + 111 + 262 + 401$	$808 := 3^5 + 19^0 + 23^2 + 35^1 = 35 + 190 + 232 + 351$
$808 := 3^4 + 12^1 + 26^2 + 39^1 = 34 + 121 + 262 + 391$	$808 := 4^2 + 6^3 + 23^2 + 47^1 = 42 + 63 + 232 + 471$
$808 := 3^4 + 13^1 + 26^2 + 38^1 = 34 + 131 + 262 + 381$	$808 := 4^2 + 7^3 + 20^2 + 49^1 = 42 + 73 + 202 + 491$
$808 := 3^4 + 14^1 + 26^2 + 37^1 = 34 + 141 + 262 + 371$	$808 := 4^3 + 7^3 + 20^2 + 49^0 = 43 + 73 + 202 + 490$
$808 := 3^4 + 15^1 + 26^2 + 36^1 = 34 + 151 + 262 + 361$	$808 := 4^4 + 8^3 + 29^0 + 39^1 = 44 + 83 + 290 + 391$
$808 := 3^4 + 16^1 + 26^2 + 35^1 = 34 + 161 + 262 + 351$	$808 := 5^3 + 5^4 + 13^0 + 57^1 = 53 + 54 + 130 + 571$
$808 := 3^4 + 17^1 + 26^2 + 34^1 = 34 + 171 + 262 + 341$	$808 := 5^3 + 8^2 + 24^2 + 43^1 = 53 + 82 + 242 + 431$
$808 := 3^4 + 18^1 + 26^2 + 33^1 = 34 + 181 + 262 + 331$	$808 := 6^3 + 8^2 + 22^2 + 44^1 = 63 + 82 + 222 + 441$

$$\begin{aligned}
 808 &:= 7^2 + 8^3 + 14^2 + 51^1 &= 72 + 83 + 142 + 511 & 808 &:= 2^2 + 18^2 + 19^1 + 20^1 + 21^2 &= 22 + 182 + 191 + 201 + 212 \\
 808 &:= 7^3 + 14^2 + 15^2 + 44^1 &= 73 + 142 + 152 + 441 & 808 &:= 2^3 + 10^2 + 19^0 + 23^1 + 26^2 &= 23 + 102 + 190 + 231 + 262 \\
 808 &:= 7^3 + 7^3 + 11^2 + 55^0 &= 73 + 73 + 112 + 550 & 808 &:= 2^3 + 13^0 + 14^2 + 24^2 + 27^1 &= 23 + 130 + 142 + 242 + 271 \\
 808 &:= 1^0 + 3^4 + 23^1 + 26^2 + 27^1 &= 10 + 34 + 231 + 262 + 271 & 808 &:= 2^3 + 13^0 + 17^2 + 22^2 + 26^1 &= 23 + 130 + 172 + 222 + 261 \\
 808 &:= 1^0 + 3^4 + 24^1 + 26^1 + 26^2 &= 10 + 34 + 241 + 261 + 262 & 808 &:= 2^3 + 14^1 + 16^2 + 23^2 + 25^0 &= 23 + 141 + 162 + 232 + 250 \\
 808 &:= 1^0 + 3^4 + 25^1 + 25^1 + 26^2 &= 10 + 34 + 251 + 251 + 262 & 808 &:= 2^3 + 7^2 + 21^1 + 23^0 + 27^2 &= 23 + 72 + 211 + 230 + 272 \\
 808 &:= 1^3 + 16^2 + 19^0 + 21^1 + 23^2 &= 13 + 162 + 190 + 211 + 232 & 808 &:= 3^2 + 11^1 + 19^2 + 20^2 + 27^1 &= 32 + 111 + 192 + 202 + 271 \\
 808 &:= 10^1 + 10^2 + 12^2 + 23^2 + 25^1 &= 101 + 102 + 122 + 232 + 251 & 808 &:= 3^2 + 12^1 + 19^2 + 20^2 + 26^1 &= 32 + 121 + 192 + 202 + 261 \\
 808 &:= 10^1 + 11^2 + 13^2 + 22^2 + 24^1 &= 101 + 112 + 132 + 222 + 241 & 808 &:= 3^2 + 13^1 + 19^2 + 20^2 + 25^1 &= 32 + 131 + 192 + 202 + 251 \\
 808 &:= 10^1 + 14^2 + 16^2 + 18^2 + 22^1 &= 101 + 142 + 162 + 182 + 221 & 808 &:= 3^2 + 14^1 + 19^2 + 20^2 + 24^1 &= 32 + 141 + 192 + 202 + 241 \\
 808 &:= 10^2 + 11^1 + 12^2 + 23^2 + 24^1 &= 102 + 111 + 122 + 232 + 241 & 808 &:= 3^2 + 15^1 + 19^2 + 20^2 + 23^1 &= 32 + 151 + 192 + 202 + 231 \\
 808 &:= 10^2 + 11^2 + 15^2 + 19^2 + 25^0 &= 102 + 112 + 152 + 192 + 250 & 808 &:= 3^2 + 16^1 + 19^2 + 20^2 + 22^1 &= 32 + 161 + 192 + 202 + 221 \\
 808 &:= 10^2 + 12^1 + 12^2 + 23^1 + 23^2 &= 102 + 121 + 122 + 231 + 232 & 808 &:= 3^2 + 17^1 + 19^2 + 20^2 + 21^1 &= 32 + 171 + 192 + 202 + 211 \\
 808 &:= 10^2 + 12^2 + 13^1 + 22^1 + 23^2 &= 102 + 122 + 131 + 221 + 232 & 808 &:= 3^2 + 18^1 + 19^2 + 20^1 + 20^2 &= 32 + 181 + 192 + 201 + 202 \\
 808 &:= 10^2 + 12^2 + 14^1 + 21^1 + 23^2 &= 102 + 122 + 141 + 211 + 232 & 808 &:= 3^2 + 19^1 + 19^1 + 19^2 + 20^2 &= 32 + 191 + 191 + 192 + 202 \\
 808 &:= 10^2 + 12^2 + 15^1 + 20^1 + 23^2 &= 102 + 122 + 151 + 201 + 232 & 808 &:= 3^2 + 5^2 + 18^1 + 27^1 + 27^2 &= 32 + 52 + 181 + 271 + 272 \\
 808 &:= 10^2 + 12^2 + 16^1 + 19^1 + 23^2 &= 102 + 122 + 161 + 191 + 232 & 808 &:= 3^2 + 5^2 + 19^1 + 26^1 + 27^2 &= 32 + 52 + 191 + 261 + 272 \\
 808 &:= 10^2 + 12^2 + 17^1 + 18^1 + 23^2 &= 102 + 122 + 171 + 181 + 232 & 808 &:= 3^2 + 5^2 + 20^1 + 25^1 + 27^2 &= 32 + 52 + 201 + 251 + 272 \\
 808 &:= 11^1 + 11^2 + 13^2 + 22^2 + 23^1 &= 111 + 112 + 132 + 222 + 231 & 808 &:= 3^2 + 5^2 + 21^1 + 24^1 + 27^2 &= 32 + 52 + 211 + 241 + 272 \\
 808 &:= 11^1 + 14^2 + 16^2 + 18^2 + 21^1 &= 111 + 142 + 162 + 182 + 211 & 808 &:= 3^2 + 5^2 + 22^1 + 23^1 + 27^2 &= 32 + 52 + 221 + 231 + 272 \\
 808 &:= 11^2 + 12^1 + 13^2 + 22^1 + 22^2 &= 112 + 121 + 132 + 221 + 222 & 808 &:= 3^2 + 9^2 + 15^1 + 26^2 + 27^1 &= 32 + 92 + 151 + 262 + 271 \\
 808 &:= 11^2 + 13^1 + 13^2 + 21^1 + 22^2 &= 112 + 131 + 132 + 211 + 222 & 808 &:= 3^2 + 9^2 + 16^1 + 26^1 + 26^2 &= 32 + 92 + 161 + 261 + 262 \\
 808 &:= 11^2 + 13^2 + 14^1 + 20^1 + 22^2 &= 112 + 132 + 141 + 201 + 222 & 808 &:= 3^2 + 9^2 + 17^1 + 25^1 + 26^2 &= 32 + 92 + 171 + 251 + 262 \\
 808 &:= 11^2 + 13^2 + 15^1 + 19^1 + 22^2 &= 112 + 132 + 151 + 191 + 222 & 808 &:= 3^2 + 9^2 + 18^1 + 24^1 + 26^2 &= 32 + 92 + 181 + 241 + 262 \\
 808 &:= 11^2 + 13^2 + 16^1 + 18^1 + 22^2 &= 112 + 132 + 161 + 181 + 222 & 808 &:= 3^2 + 9^2 + 19^1 + 23^1 + 26^2 &= 32 + 92 + 191 + 231 + 262 \\
 808 &:= 11^2 + 13^2 + 17^1 + 17^1 + 22^2 &= 112 + 132 + 171 + 171 + 222 & 808 &:= 3^2 + 9^2 + 20^1 + 22^1 + 26^2 &= 32 + 92 + 201 + 221 + 262 \\
 808 &:= 12^1 + 14^2 + 16^2 + 18^2 + 20^1 &= 121 + 142 + 162 + 182 + 201 & 808 &:= 3^2 + 9^2 + 21^1 + 21^1 + 26^2 &= 32 + 92 + 211 + 211 + 262 \\
 808 &:= 13^1 + 14^2 + 16^2 + 18^2 + 19^1 &= 131 + 142 + 162 + 182 + 191 & 808 &:= 3^3 + 13^0 + 15^2 + 23^2 + 26^1 &= 33 + 130 + 152 + 232 + 261 \\
 808 &:= 14^1 + 14^2 + 16^2 + 18^1 + 18^2 &= 141 + 142 + 162 + 181 + 182 & 808 &:= 3^3 + 15^1 + 18^2 + 21^2 + 23^0 &= 33 + 151 + 182 + 212 + 230 \\
 808 &:= 14^2 + 15^1 + 16^2 + 17^1 + 18^2 &= 142 + 151 + 162 + 171 + 182 & 808 &:= 3^3 + 19^0 + 19^1 + 19^2 + 20^2 &= 33 + 190 + 191 + 192 + 202 \\
 808 &:= 14^2 + 16^1 + 16^1 + 16^2 + 18^2 &= 142 + 161 + 161 + 162 + 182 & 808 &:= 3^3 + 5^2 + 19^0 + 26^1 + 27^2 &= 33 + 52 + 190 + 261 + 272 \\
 808 &:= 2^2 + 12^1 + 18^2 + 21^2 + 27^1 &= 22 + 121 + 182 + 212 + 271 & 808 &:= 3^3 + 9^2 + 19^0 + 23^1 + 26^2 &= 33 + 92 + 190 + 231 + 262 \\
 808 &:= 2^2 + 13^1 + 18^2 + 21^2 + 26^1 &= 22 + 131 + 182 + 212 + 261 & 808 &:= 3^3 + 9^3 + 17^0 + 24^1 + 27^1 &= 33 + 93 + 170 + 241 + 271 \\
 808 &:= 2^2 + 14^1 + 18^2 + 21^2 + 25^1 &= 22 + 141 + 182 + 212 + 251 & 808 &:= 3^3 + 9^3 + 17^0 + 25^1 + 26^1 &= 33 + 93 + 170 + 251 + 261 \\
 808 &:= 2^2 + 15^1 + 18^2 + 21^2 + 24^1 &= 22 + 151 + 182 + 212 + 241 & 808 &:= 3^4 + 10^2 + 15^0 + 25^2 + 27^0 &= 34 + 102 + 150 + 252 + 270 \\
 808 &:= 2^2 + 16^1 + 18^2 + 21^2 + 23^1 &= 22 + 161 + 182 + 212 + 231 & 808 &:= 3^4 + 10^2 + 16^0 + 25^2 + 26^0 &= 34 + 102 + 160 + 252 + 260 \\
 808 &:= 2^2 + 17^1 + 18^2 + 21^2 + 22^1 &= 22 + 171 + 182 + 212 + 221 & 808 &:= 3^4 + 10^2 + 17^0 + 25^0 + 25^2 &= 34 + 102 + 170 + 250 + 252 \\
 808 &:= 2^2 + 18^1 + 18^2 + 21^1 + 21^2 &= 22 + 181 + 182 + 211 + 212 & 808 &:= 3^4 + 10^2 + 18^0 + 24^0 + 25^2 &= 34 + 102 + 180 + 240 + 252
 \end{aligned}$$

$$\begin{aligned} 808 &:= 3^4 + 10^2 + 19^0 + 23^0 + 25^2 = 34 + 102 + 190 + 230 + 252 & 808 &:= 5^2 + 13^2 + 15^1 + 23^1 + 24^2 = 52 + 132 + 151 + 231 + 242 \\ 808 &:= 3^4 + 10^2 + 20^0 + 22^0 + 25^2 = 34 + 102 + 200 + 220 + 252 & 808 &:= 5^2 + 13^2 + 16^1 + 22^1 + 24^2 = 52 + 132 + 161 + 221 + 242 \\ 808 &:= 3^4 + 10^2 + 21^0 + 21^0 + 25^2 = 34 + 102 + 210 + 210 + 252 & 808 &:= 5^2 + 13^2 + 17^1 + 21^1 + 24^2 = 52 + 132 + 171 + 211 + 242 \\ 808 &:= 3^4 + 13^0 + 14^2 + 23^2 + 27^0 = 34 + 130 + 142 + 232 + 270 & 808 &:= 5^2 + 13^2 + 17^2 + 18^2 + 27^0 = 52 + 132 + 172 + 182 + 270 \\ 808 &:= 3^4 + 14^0 + 14^2 + 23^2 + 26^0 = 34 + 140 + 142 + 232 + 260 & 808 &:= 5^2 + 13^2 + 18^1 + 20^1 + 24^2 = 52 + 132 + 181 + 201 + 242 \\ 808 &:= 3^4 + 14^2 + 15^0 + 23^2 + 25^0 = 34 + 142 + 150 + 232 + 250 & 808 &:= 5^2 + 13^2 + 19^1 + 19^1 + 24^2 = 52 + 132 + 191 + 191 + 242 \\ 808 &:= 3^4 + 14^2 + 16^0 + 23^2 + 24^0 = 34 + 142 + 160 + 232 + 240 & 808 &:= 5^2 + 14^2 + 15^2 + 19^2 + 27^0 = 52 + 142 + 152 + 192 + 270 \\ 808 &:= 3^4 + 14^2 + 17^0 + 23^0 + 23^2 = 34 + 142 + 170 + 230 + 232 & 808 &:= 5^3 + 13^0 + 16^2 + 20^2 + 26^1 = 53 + 130 + 162 + 202 + 261 \\ 808 &:= 3^4 + 14^2 + 18^0 + 22^0 + 23^2 = 34 + 142 + 180 + 220 + 232 & 808 &:= 5^3 + 15^2 + 16^1 + 21^2 + 23^0 = 53 + 152 + 161 + 212 + 230 \\ 808 &:= 3^4 + 14^2 + 19^0 + 21^0 + 23^2 = 34 + 142 + 190 + 210 + 232 & 808 &:= 5^3 + 6^2 + 21^1 + 23^0 + 25^2 = 53 + 62 + 211 + 230 + 252 \\ 808 &:= 3^4 + 14^2 + 20^0 + 20^0 + 23^2 = 34 + 142 + 200 + 200 + 232 & 808 &:= 5^3 + 8^3 + 13^2 + 27^0 + 27^0 = 53 + 83 + 132 + 270 + 270 \\ 808 &:= 3^4 + 7^2 + 17^0 + 26^2 + 27^0 = 34 + 72 + 170 + 262 + 270 & 808 &:= 5^3 + 9^2 + 17^0 + 24^2 + 25^1 = 53 + 92 + 170 + 242 + 251 \\ 808 &:= 3^4 + 7^2 + 18^0 + 26^0 + 26^2 = 34 + 72 + 180 + 260 + 262 & 808 &:= 5^4 + 11^1 + 12^2 + 25^0 + 27^1 = 54 + 111 + 122 + 250 + 271 \\ 808 &:= 3^4 + 7^2 + 19^0 + 25^0 + 26^2 = 34 + 72 + 190 + 250 + 262 & 808 &:= 5^4 + 12^1 + 12^2 + 25^0 + 26^1 = 54 + 121 + 122 + 250 + 261 \\ 808 &:= 3^4 + 7^2 + 20^0 + 24^0 + 26^2 = 34 + 72 + 200 + 240 + 262 & 808 &:= 5^4 + 12^2 + 13^1 + 25^0 + 25^1 = 54 + 122 + 131 + 250 + 251 \\ 808 &:= 3^4 + 7^2 + 21^0 + 23^0 + 26^2 = 34 + 72 + 210 + 230 + 262 & 808 &:= 5^4 + 12^2 + 14^1 + 24^1 + 25^0 = 54 + 122 + 141 + 241 + 250 \\ 808 &:= 3^4 + 7^2 + 22^0 + 22^0 + 26^2 = 34 + 72 + 220 + 220 + 262 & 808 &:= 5^4 + 12^2 + 15^1 + 23^1 + 25^0 = 54 + 122 + 151 + 231 + 250 \\ 808 &:= 4^2 + 11^1 + 15^2 + 23^2 + 27^1 = 42 + 111 + 152 + 232 + 271 & 808 &:= 5^4 + 12^2 + 16^1 + 22^1 + 25^0 = 54 + 122 + 161 + 221 + 250 \\ 808 &:= 4^2 + 12^1 + 15^2 + 23^2 + 26^1 = 42 + 121 + 152 + 232 + 261 & 808 &:= 5^4 + 12^2 + 17^1 + 21^1 + 25^0 = 54 + 122 + 171 + 211 + 250 \\ 808 &:= 4^2 + 13^1 + 15^2 + 23^2 + 25^1 = 42 + 131 + 152 + 232 + 251 & 808 &:= 5^4 + 12^2 + 18^1 + 20^1 + 25^0 = 54 + 122 + 181 + 201 + 250 \\ 808 &:= 4^2 + 14^1 + 15^2 + 23^2 + 24^1 = 42 + 141 + 152 + 232 + 241 & 808 &:= 5^4 + 12^2 + 19^1 + 19^1 + 25^0 = 54 + 122 + 191 + 191 + 250 \\ 808 &:= 4^2 + 15^1 + 15^2 + 23^1 + 23^2 = 42 + 151 + 152 + 231 + 232 & 808 &:= 6^1 + 14^2 + 16^2 + 18^2 + 26^1 = 61 + 142 + 162 + 182 + 261 \\ 808 &:= 4^2 + 15^2 + 16^1 + 22^1 + 23^2 = 42 + 152 + 161 + 221 + 232 & 808 &:= 6^2 + 11^2 + 17^2 + 19^2 + 27^0 = 62 + 112 + 172 + 192 + 270 \\ 808 &:= 4^2 + 15^2 + 17^1 + 21^1 + 23^2 = 42 + 152 + 171 + 211 + 232 & 808 &:= 6^2 + 6^3 + 19^0 + 23^2 + 26^1 = 62 + 63 + 190 + 232 + 261 \\ 808 &:= 4^2 + 15^2 + 18^1 + 20^1 + 23^2 = 42 + 152 + 181 + 201 + 232 & 808 &:= 6^3 + 13^1 + 17^2 + 17^2 + 27^0 = 63 + 131 + 172 + 172 + 270 \\ 808 &:= 4^2 + 15^2 + 19^1 + 19^1 + 23^2 = 42 + 152 + 191 + 191 + 232 & 808 &:= 6^3 + 13^2 + 19^0 + 20^2 + 22^1 = 63 + 132 + 190 + 202 + 221 \\ 808 &:= 4^3 + 10^2 + 18^1 + 23^0 + 25^2 = 43 + 102 + 181 + 230 + 252 & 808 &:= 6^3 + 9^2 + 17^0 + 22^2 + 26^1 = 63 + 92 + 170 + 222 + 261 \\ 808 &:= 4^3 + 12^2 + 17^0 + 23^1 + 24^2 = 43 + 122 + 170 + 231 + 242 & 808 &:= 7^1 + 11^2 + 13^2 + 22^2 + 27^1 = 71 + 112 + 132 + 222 + 271 \\ 808 &:= 4^3 + 13^1 + 17^2 + 21^2 + 25^0 = 43 + 131 + 172 + 212 + 250 & 808 &:= 7^1 + 14^2 + 16^2 + 18^2 + 25^1 = 71 + 142 + 162 + 182 + 251 \\ 808 &:= 4^3 + 14^2 + 18^1 + 21^0 + 23^2 = 43 + 142 + 181 + 210 + 232 & 808 &:= 7^2 + 10^1 + 18^2 + 20^2 + 25^1 = 72 + 101 + 182 + 202 + 251 \\ 808 &:= 4^3 + 17^0 + 19^2 + 19^2 + 21^1 = 43 + 170 + 192 + 192 + 211 & 808 &:= 7^2 + 11^1 + 18^2 + 20^2 + 24^1 = 72 + 111 + 182 + 202 + 241 \\ 808 &:= 4^3 + 18^2 + 19^0 + 19^1 + 20^2 = 43 + 182 + 190 + 191 + 202 & 808 &:= 7^2 + 11^2 + 14^2 + 21^2 + 27^0 = 72 + 112 + 142 + 212 + 270 \\ 808 &:= 4^3 + 7^2 + 18^1 + 25^0 + 26^2 = 43 + 72 + 181 + 250 + 262 & 808 &:= 7^2 + 12^1 + 18^2 + 20^2 + 23^1 = 72 + 121 + 182 + 202 + 231 \\ 808 &:= 5^1 + 14^2 + 16^2 + 18^2 + 27^1 = 51 + 142 + 162 + 182 + 271 & 808 &:= 7^2 + 13^1 + 18^2 + 20^2 + 22^1 = 72 + 131 + 182 + 202 + 221 \\ 808 &:= 5^2 + 11^1 + 13^2 + 24^2 + 27^1 = 52 + 111 + 132 + 242 + 271 & 808 &:= 7^2 + 14^1 + 18^2 + 20^2 + 21^1 = 72 + 141 + 182 + 202 + 211 \\ 808 &:= 5^2 + 12^1 + 13^2 + 24^2 + 26^1 = 52 + 121 + 132 + 242 + 261 & 808 &:= 7^2 + 15^1 + 18^2 + 20^1 + 20^2 = 72 + 151 + 182 + 201 + 202 \\ 808 &:= 5^2 + 13^1 + 13^2 + 24^2 + 25^1 = 52 + 131 + 132 + 242 + 251 & 808 &:= 7^2 + 16^1 + 18^2 + 19^1 + 20^2 = 72 + 161 + 182 + 191 + 202 \\ 808 &:= 5^2 + 13^2 + 14^1 + 24^1 + 24^2 = 52 + 132 + 141 + 241 + 242 & 808 &:= 7^2 + 17^1 + 18^1 + 18^2 + 20^2 = 72 + 171 + 181 + 182 + 202 \end{aligned}$$

$808 := 7^2 + 8^1 + 18^2 + 20^2 + 27^1 = 72 + 81 + 182 + 202 + 271$	$808 := 8^2 + 9^2 + 11^1 + 25^2 + 27^1 = 82 + 92 + 111 + 252 + 271$
$808 := 7^2 + 9^1 + 18^2 + 20^2 + 26^1 = 72 + 91 + 182 + 202 + 261$	$808 := 8^2 + 9^2 + 12^1 + 25^2 + 26^1 = 82 + 92 + 121 + 252 + 261$
$808 := 7^3 + 11^2 + 18^2 + 19^1 + 25^0 = 73 + 112 + 182 + 191 + 250$	$808 := 8^2 + 9^2 + 13^1 + 25^1 + 25^2 = 82 + 92 + 131 + 251 + 252$
$808 := 7^3 + 9^2 + 19^2 + 22^1 + 23^0 = 73 + 92 + 192 + 221 + 230$	$808 := 8^2 + 9^2 + 14^1 + 24^1 + 25^2 = 82 + 92 + 141 + 241 + 252$
$808 := 8^1 + 10^2 + 12^2 + 23^2 + 27^1 = 81 + 102 + 122 + 232 + 271$	$808 := 8^2 + 9^2 + 15^1 + 23^1 + 25^2 = 82 + 92 + 151 + 231 + 252$
$808 := 8^1 + 11^2 + 13^2 + 22^2 + 26^1 = 81 + 112 + 132 + 222 + 261$	$808 := 8^2 + 9^2 + 16^1 + 22^1 + 25^2 = 82 + 92 + 161 + 221 + 252$
$808 := 8^1 + 14^2 + 16^2 + 18^2 + 24^1 = 81 + 142 + 162 + 182 + 241$	$808 := 8^2 + 9^2 + 17^1 + 21^1 + 25^2 = 82 + 92 + 171 + 211 + 252$
$808 := 8^1 + 8^2 + 15^2 + 22^2 + 27^1 = 81 + 82 + 152 + 222 + 271$	$808 := 8^2 + 9^2 + 18^1 + 20^1 + 25^2 = 82 + 92 + 181 + 201 + 252$
$808 := 8^2 + 10^1 + 15^2 + 22^2 + 25^1 = 82 + 101 + 152 + 222 + 251$	$808 := 8^2 + 9^2 + 19^1 + 19^1 + 25^2 = 82 + 92 + 191 + 191 + 252$
$808 := 8^2 + 11^1 + 15^2 + 22^2 + 24^1 = 82 + 111 + 152 + 222 + 241$	$808 := 8^3 + 10^2 + 13^2 + 23^0 + 26^1 = 83 + 102 + 132 + 230 + 261$
$808 := 8^2 + 12^1 + 15^2 + 22^2 + 23^1 = 82 + 121 + 152 + 222 + 231$	$808 := 9^1 + 10^2 + 12^2 + 23^2 + 26^1 = 91 + 102 + 122 + 232 + 261$
$808 := 8^2 + 13^1 + 15^2 + 22^1 + 22^2 = 82 + 131 + 152 + 221 + 222$	$808 := 9^1 + 11^2 + 13^2 + 22^2 + 25^1 = 91 + 112 + 132 + 222 + 251$
$808 := 8^2 + 14^1 + 15^2 + 21^1 + 22^2 = 82 + 141 + 152 + 211 + 222$	$808 := 9^1 + 14^2 + 16^2 + 18^2 + 23^1 = 91 + 142 + 162 + 182 + 231$
$808 := 8^2 + 15^1 + 15^2 + 20^1 + 22^2 = 82 + 151 + 152 + 201 + 222$	$808 := 9^2 + 11^2 + 11^2 + 22^2 + 27^0 = 92 + 112 + 112 + 222 + 270$
$808 := 8^2 + 15^2 + 16^1 + 19^1 + 22^2 = 82 + 152 + 161 + 191 + 222$	$808 := 9^2 + 13^2 + 14^2 + 19^2 + 25^0 = 92 + 132 + 142 + 192 + 250$
$808 := 8^2 + 15^2 + 17^1 + 18^1 + 22^2 = 82 + 152 + 171 + 181 + 222$	
$808 := 8^2 + 9^1 + 15^2 + 22^2 + 26^1 = 82 + 91 + 152 + 222 + 261$	

2.2.710 Number 809

$809 := 1^6 + 23^1 + 28^0 + 28^2 = 16 + 231 + 280 + 282$	$809 := 2^4 + 14^2 + 20^0 + 20^1 + 24^2 = 24 + 142 + 200 + 201 + 242$
$809 := 2^3 + 2^4 + 28^2 + 48^0 = 23 + 24 + 282 + 480$	$809 := 2^4 + 17^2 + 19^1 + 20^0 + 22^2 = 24 + 172 + 191 + 200 + 222$
$809 := 2^4 + 6^3 + 24^2 + 48^0 = 24 + 63 + 242 + 480$	$809 := 2^4 + 6^2 + 18^0 + 27^1 + 27^2 = 24 + 62 + 180 + 271 + 272$
$809 := 2^5 + 10^2 + 26^2 + 42^0 = 25 + 102 + 262 + 420$	$809 := 2^5 + 4^0 + 20^1 + 27^1 + 27^2 = 25 + 40 + 201 + 271 + 272$
$809 := 2^5 + 9^3 + 22^0 + 47^1 = 25 + 93 + 220 + 471$	$809 := 2^5 + 4^0 + 21^1 + 26^1 + 27^2 = 25 + 40 + 211 + 261 + 272$
$809 := 2^6 + 15^1 + 27^2 + 36^0 = 26 + 151 + 272 + 360$	$809 := 2^5 + 4^0 + 22^1 + 25^1 + 27^2 = 25 + 40 + 221 + 251 + 272$
$809 := 3^2 + 3^6 + 4^0 + 70^1 = 32 + 36 + 40 + 701$	$809 := 2^5 + 4^0 + 23^1 + 24^1 + 27^2 = 25 + 40 + 231 + 241 + 272$
$809 := 3^5 + 6^2 + 23^2 + 48^0 = 35 + 62 + 232 + 480$	$809 := 2^6 + 10^0 + 14^1 + 27^0 + 27^2 = 26 + 100 + 141 + 270 + 272$
$809 := 3^5 + 8^3 + 16^0 + 53^1 = 35 + 83 + 160 + 531$	$809 := 2^6 + 11^0 + 14^1 + 26^0 + 27^2 = 26 + 110 + 141 + 260 + 272$
$809 := 3^5 + 9^2 + 22^2 + 46^0 = 35 + 92 + 222 + 460$	$809 := 2^6 + 12^0 + 14^1 + 25^0 + 27^2 = 26 + 120 + 141 + 250 + 272$
$809 := 3^6 + 4^2 + 10^0 + 63^1 = 36 + 42 + 100 + 631$	$809 := 2^6 + 13^0 + 14^1 + 24^0 + 27^2 = 26 + 130 + 141 + 240 + 272$
$809 := 3^6 + 5^2 + 18^0 + 54^1 = 36 + 52 + 180 + 541$	$809 := 2^6 + 14^0 + 14^1 + 23^0 + 27^2 = 26 + 140 + 141 + 230 + 272$
$809 := 3^6 + 6^2 + 28^0 + 43^1 = 36 + 62 + 280 + 431$	$809 := 2^6 + 14^1 + 15^0 + 22^0 + 27^2 = 26 + 141 + 150 + 220 + 272$
$809 := 3^6 + 7^2 + 30^1 + 40^0 = 36 + 72 + 301 + 400$	$809 := 2^6 + 14^1 + 16^0 + 21^0 + 27^2 = 26 + 141 + 160 + 210 + 272$
$809 := 3^6 + 8^2 + 15^1 + 54^0 = 36 + 82 + 151 + 540$	$809 := 2^6 + 14^1 + 17^0 + 20^0 + 27^2 = 26 + 141 + 170 + 200 + 272$
$809 := 1^4 + 16^2 + 18^0 + 22^1 + 23^2 = 14 + 162 + 180 + 221 + 232$	$809 := 2^6 + 14^1 + 18^0 + 19^0 + 27^2 = 26 + 141 + 180 + 190 + 272$
$809 := 2^4 + 10^2 + 16^1 + 26^0 + 26^2 = 24 + 102 + 161 + 260 + 262$	$809 := 3^3 + 3^3 + 22^0 + 25^1 + 27^2 = 33 + 33 + 220 + 251 + 272$
$809 := 2^4 + 12^0 + 18^2 + 21^2 + 27^1 = 24 + 120 + 182 + 212 + 271$	$809 := 3^4 + 15^2 + 18^1 + 22^0 + 22^2 = 34 + 152 + 181 + 220 + 222$
$809 := 2^4 + 12^2 + 18^0 + 23^1 + 25^2 = 24 + 122 + 180 + 231 + 252$	$809 := 3^4 + 5^2 + 20^0 + 26^1 + 26^2 = 34 + 52 + 200 + 261 + 262$

$$\begin{aligned}
 809 &:= 3^4 + 9^2 + 21^1 + 22^0 + 25^2 = 34 + 92 + 211 + 220 + 252 \\
 809 &:= 3^5 + 10^1 + 18^0 + 23^2 + 26^1 = 35 + 101 + 180 + 232 + 261 \\
 809 &:= 3^5 + 11^1 + 18^0 + 23^2 + 25^1 = 35 + 111 + 180 + 232 + 251 \\
 809 &:= 3^5 + 12^1 + 18^0 + 23^2 + 24^1 = 35 + 121 + 180 + 232 + 241 \\
 809 &:= 3^5 + 13^1 + 18^0 + 23^1 + 23^2 = 35 + 131 + 180 + 231 + 232 \\
 809 &:= 3^5 + 14^1 + 18^0 + 22^1 + 23^2 = 35 + 141 + 180 + 221 + 232 \\
 809 &:= 3^5 + 15^1 + 18^0 + 21^1 + 23^2 = 35 + 151 + 180 + 211 + 232
 \end{aligned}$$

$$\begin{aligned}
 809 &:= 3^5 + 16^1 + 18^0 + 20^1 + 23^2 = 35 + 161 + 180 + 201 + 232 \\
 809 &:= 3^5 + 17^1 + 18^0 + 19^1 + 23^2 = 35 + 171 + 180 + 191 + 232 \\
 809 &:= 3^5 + 18^0 + 18^1 + 18^1 + 23^2 = 35 + 180 + 181 + 181 + 232 \\
 809 &:= 3^5 + 9^1 + 18^0 + 23^2 + 27^1 = 35 + 91 + 180 + 232 + 271 \\
 809 &:= 4^4 + 13^2 + 19^2 + 22^0 + 22^1 = 44 + 132 + 192 + 220 + 221 \\
 809 &:= 5^3 + 6^3 + 21^2 + 22^0 + 26^1 = 53 + 63 + 212 + 220 + 261
 \end{aligned}$$

2.2.711 Number 810

$$\begin{aligned}
 810 &:= 1^3 + 5^4 + 11^2 + 63^1 = 13 + 54 + 112 + 631 \\
 810 &:= 1^6 + 18^2 + 22^2 + 39^0 = 16 + 182 + 222 + 390 \\
 810 &:= 1^7 + 24^1 + 27^0 + 28^2 = 17 + 241 + 270 + 282 \\
 810 &:= 2^3 + 3^0 + 3^6 + 72^1 = 23 + 30 + 36 + 721 \\
 810 &:= 2^4 + 4^3 + 9^3 + 65^0 = 24 + 43 + 93 + 650 \\
 810 &:= 2^4 + 6^3 + 23^2 + 49^1 = 24 + 63 + 232 + 491 \\
 810 &:= 2^4 + 7^3 + 20^2 + 51^1 = 24 + 73 + 202 + 511 \\
 810 &:= 2^6 + 13^2 + 24^2 + 41^0 = 26 + 132 + 242 + 410 \\
 810 &:= 2^6 + 4^2 + 27^2 + 47^0 = 26 + 42 + 272 + 470 \\
 810 &:= 2^6 + 9^3 + 16^1 + 53^0 = 26 + 93 + 161 + 530 \\
 810 &:= 2^7 + 5^1 + 26^2 + 47^0 = 27 + 51 + 262 + 470 \\
 810 &:= 3^3 + 3^6 + 21^0 + 53^1 = 33 + 36 + 210 + 531 \\
 810 &:= 3^4 + 6^3 + 8^3 + 63^0 = 34 + 63 + 83 + 630 \\
 810 &:= 3^5 + 11^2 + 20^2 + 46^1 = 35 + 112 + 202 + 461 \\
 810 &:= 3^5 + 5^3 + 21^2 + 51^0 = 35 + 53 + 212 + 510 \\
 810 &:= 3^6 + 4^2 + 8^2 + 65^0 = 36 + 42 + 82 + 650 \\
 810 &:= 3^6 + 4^3 + 16^1 + 57^0 = 36 + 43 + 161 + 570 \\
 810 &:= 1^4 + 7^3 + 21^2 + 24^1 + 27^0 = 14 + 73 + 212 + 241 + 270 \\
 810 &:= 1^5 + 13^2 + 14^1 + 25^2 + 27^0 = 15 + 132 + 141 + 252 + 270 \\
 810 &:= 1^5 + 16^2 + 17^0 + 23^1 + 23^2 = 15 + 162 + 170 + 231 + 232 \\
 810 &:= 2^2 + 3^4 + 22^1 + 26^2 + 27^1 = 22 + 34 + 221 + 262 + 271 \\
 810 &:= 2^2 + 3^4 + 23^1 + 26^1 + 26^2 = 22 + 34 + 231 + 261 + 262 \\
 810 &:= 2^2 + 3^4 + 24^1 + 25^1 + 26^2 = 22 + 34 + 241 + 251 + 262 \\
 810 &:= 2^4 + 13^1 + 15^2 + 23^2 + 27^1 = 24 + 131 + 152 + 232 + 271 \\
 810 &:= 2^4 + 14^1 + 15^2 + 23^2 + 26^1 = 24 + 141 + 152 + 232 + 261 \\
 810 &:= 2^4 + 15^1 + 15^2 + 23^2 + 25^1 = 24 + 151 + 152 + 232 + 251 \\
 810 &:= 2^4 + 15^2 + 16^1 + 23^2 + 24^1 = 24 + 152 + 161 + 232 + 241 \\
 810 &:= 2^4 + 15^2 + 17^1 + 23^1 + 23^2 = 24 + 152 + 171 + 231 + 232
 \end{aligned}$$

$$\begin{aligned}
 810 &:= 2^4 + 15^2 + 18^1 + 22^1 + 23^2 = 24 + 152 + 181 + 221 + 232 \\
 810 &:= 2^4 + 15^2 + 19^1 + 21^1 + 23^2 = 24 + 152 + 191 + 211 + 232 \\
 810 &:= 2^4 + 15^2 + 20^1 + 20^1 + 23^2 = 24 + 152 + 201 + 201 + 232 \\
 810 &:= 2^5 + 12^1 + 18^2 + 21^2 + 27^0 = 25 + 121 + 182 + 212 + 270 \\
 810 &:= 2^5 + 15^2 + 17^0 + 23^1 + 23^2 = 25 + 152 + 170 + 231 + 232 \\
 810 &:= 2^5 + 16^1 + 19^2 + 20^2 + 23^0 = 25 + 161 + 192 + 202 + 230 \\
 810 &:= 2^5 + 5^2 + 23^0 + 23^1 + 27^2 = 25 + 52 + 230 + 231 + 272 \\
 810 &:= 2^5 + 9^2 + 20^1 + 23^0 + 26^2 = 25 + 92 + 201 + 230 + 262 \\
 810 &:= 2^5 + 9^3 + 21^0 + 21^1 + 27^1 = 25 + 93 + 210 + 211 + 271 \\
 810 &:= 2^5 + 9^3 + 21^0 + 22^1 + 26^1 = 25 + 93 + 210 + 221 + 261 \\
 810 &:= 2^5 + 9^3 + 21^0 + 23^1 + 25^1 = 25 + 93 + 210 + 231 + 251 \\
 810 &:= 2^5 + 9^3 + 21^0 + 24^1 + 24^1 = 25 + 93 + 210 + 241 + 241 \\
 810 &:= 2^6 + 9^3 + 15^1 + 27^0 + 27^0 = 26 + 93 + 151 + 270 + 270 \\
 810 &:= 2^7 + 4^1 + 21^0 + 26^2 + 27^0 = 27 + 41 + 210 + 262 + 270 \\
 810 &:= 2^7 + 4^1 + 22^0 + 26^0 + 26^2 = 27 + 41 + 220 + 260 + 262 \\
 810 &:= 2^7 + 4^1 + 23^0 + 25^0 + 26^2 = 27 + 41 + 230 + 250 + 262 \\
 810 &:= 2^7 + 4^1 + 24^0 + 24^0 + 26^2 = 27 + 41 + 240 + 240 + 262 \\
 810 &:= 3^3 + 3^4 + 23^0 + 25^1 + 26^2 = 33 + 34 + 230 + 251 + 262 \\
 810 &:= 3^4 + 13^1 + 17^2 + 20^2 + 27^1 = 34 + 131 + 172 + 202 + 271 \\
 810 &:= 3^4 + 14^1 + 17^2 + 20^2 + 26^1 = 34 + 141 + 172 + 202 + 261 \\
 810 &:= 3^4 + 15^1 + 17^2 + 20^2 + 25^1 = 34 + 151 + 172 + 202 + 251 \\
 810 &:= 3^4 + 16^1 + 17^2 + 20^2 + 24^1 = 34 + 161 + 172 + 202 + 241 \\
 810 &:= 3^4 + 17^1 + 17^2 + 20^2 + 23^1 = 34 + 171 + 172 + 202 + 231 \\
 810 &:= 3^4 + 17^2 + 18^1 + 20^2 + 22^1 = 34 + 172 + 181 + 202 + 221 \\
 810 &:= 3^4 + 17^2 + 19^1 + 20^2 + 21^1 = 34 + 172 + 191 + 202 + 211 \\
 810 &:= 3^4 + 17^2 + 20^1 + 20^1 + 20^2 = 34 + 172 + 201 + 201 + 202 \\
 810 &:= 3^4 + 5^3 + 21^0 + 24^2 + 27^1 = 34 + 53 + 210 + 242 + 271 \\
 810 &:= 3^4 + 7^3 + 19^2 + 24^1 + 27^0 = 34 + 73 + 192 + 241 + 270
 \end{aligned}$$

$$\begin{aligned} 810 &:= 3^5 + 10^2 + 21^0 + 21^2 + 25^1 = 35 + 102 + 210 + 212 + 251 \\ 810 &:= 3^5 + 12^2 + 20^2 + 22^1 + 23^0 = 35 + 122 + 202 + 221 + 230 \\ 810 &:= 3^5 + 15^2 + 17^1 + 18^2 + 27^0 = 35 + 152 + 171 + 182 + 270 \\ 810 &:= 3^5 + 16^2 + 17^2 + 21^1 + 23^0 = 35 + 162 + 172 + 211 + 230 \\ 810 &:= 3^5 + 8^3 + 15^0 + 27^1 + 27^1 = 35 + 83 + 150 + 271 + 271 \\ 810 &:= 3^6 + 6^2 + 17^1 + 27^0 + 27^1 = 36 + 62 + 171 + 270 + 271 \end{aligned}$$

$$\begin{aligned} 810 &:= 3^6 + 6^2 + 18^1 + 26^1 + 27^0 = 36 + 62 + 181 + 261 + 270 \\ 810 &:= 3^6 + 6^2 + 19^1 + 25^1 + 27^0 = 36 + 62 + 191 + 251 + 270 \\ 810 &:= 3^6 + 6^2 + 20^1 + 24^1 + 27^0 = 36 + 62 + 201 + 241 + 270 \\ 810 &:= 3^6 + 6^2 + 21^1 + 23^1 + 27^0 = 36 + 62 + 211 + 231 + 270 \\ 810 &:= 3^6 + 6^2 + 22^1 + 22^1 + 27^0 = 36 + 62 + 221 + 221 + 270 \end{aligned}$$

2.2.712 Number 811

$$\begin{aligned} 811 &:= 1^7 + 5^2 + 28^2 + 46^0 = 17 + 52 + 282 + 460 \\ 811 &:= 1^8 + 25^1 + 26^0 + 28^2 = 18 + 251 + 260 + 282 \\ 811 &:= 2^4 + 3^6 + 10^0 + 65^1 = 24 + 36 + 100 + 651 \\ 811 &:= 2^8 + 23^2 + 25^1 + 30^0 = 28 + 232 + 251 + 300 \\ 811 &:= 1^5 + 7^3 + 21^2 + 25^1 + 26^0 = 15 + 73 + 212 + 251 + 260 \\ 811 &:= 1^6 + 13^2 + 15^1 + 25^2 + 26^0 = 16 + 132 + 151 + 252 + 260 \\ 811 &:= 1^6 + 16^0 + 16^2 + 23^2 + 24^1 = 16 + 160 + 162 + 232 + 241 \\ 811 &:= 1^7 + 12^0 + 18^2 + 22^2 + 27^0 = 17 + 120 + 182 + 222 + 270 \\ 811 &:= 1^7 + 13^0 + 18^2 + 22^2 + 26^0 = 17 + 130 + 182 + 222 + 260 \\ 811 &:= 1^7 + 14^0 + 18^2 + 22^2 + 25^0 = 17 + 140 + 182 + 222 + 250 \\ 811 &:= 1^7 + 15^0 + 18^2 + 22^2 + 24^0 = 17 + 150 + 182 + 222 + 240 \\ 811 &:= 1^7 + 16^0 + 18^2 + 22^2 + 23^0 = 17 + 160 + 182 + 222 + 230 \\ 811 &:= 1^7 + 17^0 + 18^2 + 22^0 + 22^2 = 17 + 170 + 182 + 220 + 222 \\ 811 &:= 1^7 + 18^0 + 18^2 + 21^0 + 22^2 = 17 + 180 + 182 + 210 + 222 \\ 811 &:= 1^7 + 18^2 + 19^0 + 20^0 + 22^2 = 17 + 182 + 190 + 200 + 222 \\ 811 &:= 2^5 + 3^3 + 22^1 + 26^0 + 27^2 = 25 + 33 + 221 + 260 + 272 \\ 811 &:= 2^6 + 10^2 + 21^1 + 22^0 + 25^2 = 26 + 102 + 211 + 220 + 252 \\ 811 &:= 2^6 + 12^2 + 16^0 + 24^2 + 26^1 = 26 + 122 + 160 + 242 + 261 \\ 811 &:= 2^6 + 14^2 + 20^0 + 21^1 + 23^2 = 26 + 142 + 200 + 211 + 232 \\ 811 &:= 2^6 + 16^0 + 19^2 + 19^2 + 24^1 = 26 + 160 + 192 + 192 + 241 \\ 811 &:= 2^6 + 16^1 + 17^2 + 21^2 + 24^0 = 26 + 161 + 172 + 212 + 240 \end{aligned}$$

$$\begin{aligned} 811 &:= 2^6 + 18^0 + 18^2 + 20^2 + 22^1 = 26 + 180 + 182 + 202 + 221 \\ 811 &:= 2^6 + 6^3 + 22^0 + 23^2 + 27^0 = 26 + 63 + 220 + 232 + 270 \\ 811 &:= 2^6 + 6^3 + 23^0 + 23^2 + 26^0 = 26 + 63 + 230 + 232 + 260 \\ 811 &:= 2^6 + 6^3 + 23^2 + 24^0 + 25^0 = 26 + 63 + 232 + 240 + 250 \\ 811 &:= 2^6 + 7^2 + 21^1 + 24^0 + 26^2 = 26 + 72 + 211 + 240 + 262 \\ 811 &:= 2^8 + 10^0 + 21^0 + 23^2 + 24^1 = 28 + 100 + 210 + 232 + 241 \\ 811 &:= 2^8 + 11^0 + 20^0 + 23^2 + 24^1 = 28 + 110 + 200 + 232 + 241 \\ 811 &:= 2^8 + 12^0 + 19^0 + 23^2 + 24^1 = 28 + 120 + 190 + 232 + 241 \\ 811 &:= 2^8 + 13^0 + 18^0 + 23^2 + 24^1 = 28 + 130 + 180 + 232 + 241 \\ 811 &:= 2^8 + 14^0 + 17^0 + 23^2 + 24^1 = 28 + 140 + 170 + 232 + 241 \\ 811 &:= 2^8 + 15^0 + 16^0 + 23^2 + 24^1 = 28 + 150 + 160 + 232 + 241 \\ 811 &:= 2^8 + 4^0 + 23^2 + 24^1 + 27^0 = 28 + 40 + 232 + 241 + 270 \\ 811 &:= 2^8 + 5^0 + 23^2 + 24^1 + 26^0 = 28 + 50 + 232 + 241 + 260 \\ 811 &:= 2^8 + 6^0 + 23^2 + 24^1 + 25^0 = 28 + 60 + 232 + 241 + 250 \\ 811 &:= 2^8 + 7^0 + 23^2 + 24^0 + 24^1 = 28 + 70 + 232 + 240 + 241 \\ 811 &:= 2^8 + 8^0 + 23^0 + 23^2 + 24^1 = 28 + 80 + 230 + 232 + 241 \\ 811 &:= 2^8 + 9^0 + 22^0 + 23^2 + 24^1 = 28 + 90 + 220 + 232 + 241 \\ 811 &:= 3^3 + 3^6 + 20^0 + 27^1 + 27^1 = 33 + 36 + 200 + 271 + 271 \\ 811 &:= 3^4 + 3^4 + 23^1 + 25^2 + 26^0 = 34 + 34 + 231 + 252 + 260 \\ 811 &:= 3^5 + 6^3 + 18^2 + 26^0 + 27^1 = 35 + 63 + 182 + 260 + 271 \end{aligned}$$

2.2.713 Number 812

$$\begin{aligned} 812 &:= 1^2 + 2^3 + 3^6 + 74^1 = 12 + 23 + 36 + 741 \\ 812 &:= 1^2 + 3^4 + 3^6 + 73^0 = 12 + 34 + 36 + 730 \\ 812 &:= 1^3 + 3^2 + 3^6 + 73^1 = 13 + 32 + 36 + 731 \\ 812 &:= 1^4 + 2^5 + 27^2 + 50^1 = 14 + 25 + 272 + 501 \\ 812 &:= 1^4 + 3^6 + 9^2 + 67^0 = 14 + 36 + 92 + 670 \\ 812 &:= 1^5 + 3^4 + 9^3 + 67^0 = 15 + 34 + 93 + 670 \end{aligned}$$

$$\begin{aligned} 812 &:= 1^6 + 3^4 + 27^2 + 49^0 = 16 + 34 + 272 + 490 \\ 812 &:= 1^6 + 4^2 + 9^3 + 66^1 = 16 + 42 + 93 + 661 \\ 812 &:= 1^7 + 12^2 + 25^2 + 42^1 = 17 + 122 + 252 + 421 \\ 812 &:= 1^7 + 6^2 + 27^2 + 46^1 = 17 + 62 + 272 + 461 \\ 812 &:= 1^7 + 9^2 + 9^3 + 61^0 = 17 + 92 + 93 + 610 \\ 812 &:= 1^8 + 9^2 + 27^2 + 43^0 = 18 + 92 + 272 + 430 \end{aligned}$$

$812 := 1^9 + 25^0 + 26^1 + 28^2$	$= 19 + 250 + 261 + 282$	$812 := 1^7 + 13^2 + 16^1 + 25^0 + 25^2$	$= 17 + 132 + 161 + 250 + 252$
$812 := 2^5 + 3^6 + 25^0 + 50^1$	$= 25 + 36 + 250 + 501$	$812 := 1^7 + 15^0 + 16^2 + 23^2 + 25^1$	$= 17 + 150 + 162 + 232 + 251$
$812 := 2^7 + 3^2 + 25^2 + 50^1$	$= 27 + 32 + 252 + 501$	$812 := 1^7 + 8^2 + 17^1 + 27^0 + 27^2$	$= 17 + 82 + 171 + 270 + 272$
$812 := 2^7 + 5^4 + 15^0 + 58^1$	$= 27 + 54 + 150 + 581$	$812 := 2^3 + 3^6 + 21^1 + 27^1 + 27^1$	$= 23 + 36 + 211 + 271 + 271$
$812 := 2^8 + 8^3 + 27^0 + 43^1$	$= 28 + 83 + 270 + 431$	$812 := 2^3 + 3^6 + 22^1 + 26^1 + 27^1$	$= 23 + 36 + 221 + 261 + 271$
$812 := 2^9 + 10^1 + 17^2 + 51^0$	$= 29 + 101 + 172 + 510$	$812 := 2^3 + 3^6 + 23^1 + 25^1 + 27^1$	$= 23 + 36 + 231 + 251 + 271$
$812 := 2^9 + 16^2 + 19^0 + 43^1$	$= 29 + 162 + 190 + 431$	$812 := 2^3 + 3^6 + 23^1 + 26^1 + 26^1$	$= 23 + 36 + 231 + 261 + 261$
$812 := 3^5 + 4^4 + 16^2 + 57^1$	$= 35 + 44 + 162 + 571$	$812 := 2^3 + 3^6 + 24^1 + 24^1 + 27^1$	$= 23 + 36 + 241 + 241 + 271$
$812 := 1^3 + 2^5 + 23^1 + 27^1 + 27^2$	$= 13 + 25 + 231 + 271 + 272$	$812 := 2^3 + 3^6 + 24^1 + 25^1 + 26^1$	$= 23 + 36 + 241 + 251 + 261$
$812 := 1^3 + 2^5 + 24^1 + 26^1 + 27^2$	$= 13 + 25 + 241 + 261 + 272$	$812 := 2^3 + 3^6 + 25^1 + 25^1 + 25^1$	$= 23 + 36 + 251 + 251 + 251$
$812 := 1^3 + 2^5 + 25^1 + 25^1 + 27^2$	$= 13 + 25 + 251 + 251 + 272$	$812 := 2^5 + 3^4 + 22^1 + 26^2 + 27^0$	$= 25 + 34 + 221 + 262 + 270$
$812 := 1^5 + 4^4 + 23^2 + 25^1 + 27^0$	$= 15 + 44 + 232 + 251 + 270$	$812 := 2^6 + 5^2 + 20^1 + 26^2 + 27^1$	$= 26 + 52 + 201 + 262 + 271$
$812 := 1^6 + 12^2 + 15^1 + 25^2 + 27^1$	$= 16 + 122 + 151 + 252 + 271$	$812 := 2^6 + 5^2 + 21^1 + 26^1 + 26^2$	$= 26 + 52 + 211 + 261 + 262$
$812 := 1^6 + 12^2 + 16^1 + 25^2 + 26^1$	$= 16 + 122 + 161 + 252 + 261$	$812 := 2^6 + 5^2 + 22^1 + 25^1 + 26^2$	$= 26 + 52 + 221 + 251 + 262$
$812 := 1^6 + 12^2 + 17^1 + 25^1 + 25^2$	$= 16 + 122 + 171 + 251 + 252$	$812 := 2^6 + 5^2 + 23^1 + 24^1 + 26^2$	$= 26 + 52 + 231 + 241 + 262$
$812 := 1^6 + 12^2 + 18^1 + 24^1 + 25^2$	$= 16 + 122 + 181 + 241 + 252$	$812 := 2^7 + 15^0 + 16^2 + 20^2 + 27^1$	$= 27 + 150 + 162 + 202 + 271$
$812 := 1^6 + 12^2 + 19^1 + 23^1 + 25^2$	$= 16 + 122 + 191 + 231 + 252$	$812 := 2^7 + 15^2 + 17^1 + 21^2 + 25^0$	$= 27 + 152 + 171 + 212 + 250$
$812 := 1^6 + 12^2 + 20^1 + 22^1 + 25^2$	$= 16 + 122 + 201 + 221 + 252$	$812 := 2^7 + 6^2 + 22^1 + 25^0 + 25^2$	$= 27 + 62 + 221 + 250 + 252$
$812 := 1^6 + 12^2 + 21^1 + 21^1 + 25^2$	$= 16 + 122 + 211 + 211 + 252$	$812 := 2^7 + 9^2 + 19^0 + 24^2 + 26^1$	$= 27 + 92 + 190 + 242 + 261$
$812 := 1^6 + 6^2 + 19^1 + 27^1 + 27^2$	$= 16 + 62 + 191 + 271 + 272$	$812 := 2^8 + 5^2 + 23^0 + 23^2 + 27^0$	$= 28 + 52 + 230 + 232 + 270$
$812 := 1^6 + 6^2 + 20^1 + 26^1 + 27^2$	$= 16 + 62 + 201 + 261 + 272$	$812 := 2^8 + 5^2 + 23^2 + 24^0 + 26^0$	$= 28 + 52 + 232 + 240 + 260$
$812 := 1^6 + 6^2 + 21^1 + 25^1 + 27^2$	$= 16 + 62 + 211 + 251 + 272$	$812 := 2^8 + 5^2 + 23^2 + 25^0 + 25^0$	$= 28 + 52 + 232 + 250 + 250$
$812 := 1^6 + 6^2 + 22^1 + 24^1 + 27^2$	$= 16 + 62 + 221 + 241 + 272$	$812 := 2^9 + 9^1 + 17^2 + 25^0 + 27^0$	$= 29 + 91 + 172 + 250 + 270$
$812 := 1^6 + 6^2 + 23^1 + 23^1 + 27^2$	$= 16 + 62 + 231 + 231 + 272$	$812 := 2^9 + 9^1 + 17^2 + 26^0 + 26^0$	$= 29 + 91 + 172 + 260 + 260$
$812 := 1^6 + 7^3 + 21^2 + 25^0 + 26^1$	$= 16 + 73 + 212 + 250 + 261$		

2.2.714 Number 813

$813 := 25^0 + 28^1 + 28^2$	$= 250 + 281 + 282$	$813 := 3^0 + 23^0 + 27^1 + 28^2$	$= 30 + 230 + 271 + 282$
$813 := 1^0 + 25^0 + 27^1 + 28^2$	$= 10 + 250 + 271 + 282$	$813 := 4^0 + 22^0 + 27^1 + 28^2$	$= 40 + 220 + 271 + 282$
$813 := 1^8 + 3^3 + 28^2 + 48^0$	$= 18 + 33 + 282 + 480$	$813 := 5^0 + 21^0 + 27^1 + 28^2$	$= 50 + 210 + 271 + 282$
$813 := 10^0 + 16^0 + 27^1 + 28^2$	$= 100 + 160 + 271 + 282$	$813 := 6^0 + 20^0 + 27^1 + 28^2$	$= 60 + 200 + 271 + 282$
$813 := 11^0 + 15^0 + 27^1 + 28^2$	$= 110 + 150 + 271 + 282$	$813 := 7^0 + 19^0 + 27^1 + 28^2$	$= 70 + 190 + 271 + 282$
$813 := 12^0 + 14^0 + 27^1 + 28^2$	$= 120 + 140 + 271 + 282$	$813 := 8^0 + 18^0 + 27^1 + 28^2$	$= 80 + 180 + 271 + 282$
$813 := 13^0 + 13^0 + 27^1 + 28^2$	$= 130 + 130 + 271 + 282$	$813 := 9^0 + 17^0 + 27^1 + 28^2$	$= 90 + 170 + 271 + 282$
$813 := 2^0 + 24^0 + 27^1 + 28^2$	$= 20 + 240 + 271 + 282$	$813 := 1^6 + 4^4 + 23^2 + 26^0 + 26^1$	$= 16 + 44 + 232 + 260 + 261$
$813 := 2^6 + 3^6 + 19^1 + 56^0$	$= 26 + 36 + 191 + 560$	$813 := 1^7 + 3^4 + 22^0 + 27^0 + 27^2$	$= 17 + 34 + 220 + 270 + 272$
$813 := 2^8 + 3^3 + 23^2 + 52^0$	$= 28 + 33 + 232 + 520$	$813 := 1^7 + 3^4 + 23^0 + 26^0 + 27^2$	$= 17 + 34 + 230 + 260 + 272$

$$\begin{aligned}
 813 &:= 1^7 + 3^4 + 24^0 + 25^0 + 27^2 = 17 + 34 + 240 + 250 + 272 \\
 813 &:= 1^7 + 7^3 + 21^2 + 24^0 + 27^1 = 17 + 73 + 212 + 240 + 271 \\
 813 &:= 1^8 + 13^2 + 17^1 + 24^0 + 25^2 = 18 + 132 + 171 + 240 + 252 \\
 813 &:= 1^8 + 14^0 + 16^2 + 23^2 + 26^1 = 18 + 140 + 162 + 232 + 261 \\
 813 &:= 1^8 + 8^2 + 18^1 + 26^0 + 27^2 = 18 + 82 + 181 + 260 + 272 \\
 813 &:= 1^9 + 9^2 + 16^0 + 27^0 + 27^2 = 19 + 92 + 160 + 270 + 272 \\
 813 &:= 1^9 + 9^2 + 17^0 + 26^0 + 27^2 = 19 + 92 + 170 + 260 + 272 \\
 813 &:= 1^9 + 9^2 + 18^0 + 25^0 + 27^2 = 19 + 92 + 180 + 250 + 272 \\
 813 &:= 1^9 + 9^2 + 19^0 + 24^0 + 27^2 = 19 + 92 + 190 + 240 + 272 \\
 813 &:= 1^9 + 9^2 + 20^0 + 23^0 + 27^2 = 19 + 92 + 200 + 230 + 272 \\
 813 &:= 1^9 + 9^2 + 21^0 + 22^0 + 27^2 = 19 + 92 + 210 + 220 + 272 \\
 813 &:= 2^5 + 3^6 + 24^0 + 24^1 + 27^1 = 25 + 36 + 240 + 241 + 271 \\
 813 &:= 2^5 + 3^6 + 24^0 + 25^1 + 26^1 = 25 + 36 + 240 + 251 + 261 \\
 813 &:= 2^7 + 6^3 + 21^2 + 24^0 + 27^1 = 27 + 63 + 212 + 240 + 271 \\
 813 &:= 2^8 + 13^2 + 19^2 + 20^0 + 26^1 = 28 + 132 + 192 + 200 + 261
 \end{aligned}$$

$$\begin{aligned}
 813 &:= 2^8 + 7^2 + 22^2 + 23^1 + 26^0 = 28 + 72 + 222 + 231 + 260 \\
 813 &:= 2^8 + 8^3 + 17^1 + 26^0 + 27^1 = 28 + 83 + 171 + 260 + 271 \\
 813 &:= 2^8 + 8^3 + 18^1 + 26^0 + 26^1 = 28 + 83 + 181 + 260 + 261 \\
 813 &:= 2^8 + 8^3 + 19^1 + 25^1 + 26^0 = 28 + 83 + 191 + 251 + 260 \\
 813 &:= 2^8 + 8^3 + 20^1 + 24^1 + 26^0 = 28 + 83 + 201 + 241 + 260 \\
 813 &:= 2^8 + 8^3 + 21^1 + 23^1 + 26^0 = 28 + 83 + 211 + 231 + 260 \\
 813 &:= 2^8 + 8^3 + 22^1 + 22^1 + 26^0 = 28 + 83 + 221 + 221 + 260 \\
 813 &:= 2^9 + 16^2 + 17^1 + 18^0 + 27^1 = 29 + 162 + 171 + 180 + 271 \\
 813 &:= 2^9 + 16^2 + 18^0 + 18^1 + 26^1 = 29 + 162 + 180 + 181 + 261 \\
 813 &:= 2^9 + 16^2 + 18^0 + 19^1 + 25^1 = 29 + 162 + 180 + 191 + 251 \\
 813 &:= 2^9 + 16^2 + 18^0 + 20^1 + 24^1 = 29 + 162 + 180 + 201 + 241 \\
 813 &:= 2^9 + 16^2 + 18^0 + 21^1 + 23^1 = 29 + 162 + 180 + 211 + 231 \\
 813 &:= 2^9 + 16^2 + 18^0 + 22^1 + 22^1 = 29 + 162 + 180 + 221 + 221
 \end{aligned}$$

2.2.715 Number 814

$$\begin{aligned}
 814 &:= 1^1 + 24^0 + 28^1 + 28^2 = 11 + 240 + 281 + 282 \\
 814 &:= 1^6 + 2^4 + 9^3 + 68^1 = 16 + 24 + 93 + 681 \\
 814 &:= 1^9 + 14^2 + 24^2 + 41^1 = 19 + 142 + 242 + 411 \\
 814 &:= 1^9 + 17^2 + 22^2 + 40^1 = 19 + 172 + 222 + 401 \\
 814 &:= 10^1 + 19^1 + 24^0 + 28^2 = 101 + 191 + 240 + 282 \\
 814 &:= 11^1 + 18^1 + 24^0 + 28^2 = 111 + 181 + 240 + 282 \\
 814 &:= 12^1 + 17^1 + 24^0 + 28^2 = 121 + 171 + 240 + 282 \\
 814 &:= 13^1 + 16^1 + 24^0 + 28^2 = 131 + 161 + 240 + 282 \\
 814 &:= 14^1 + 15^1 + 24^0 + 28^2 = 141 + 151 + 240 + 282 \\
 814 &:= 2^1 + 24^0 + 27^1 + 28^2 = 21 + 240 + 271 + 282 \\
 814 &:= 2^8 + 4^3 + 21^2 + 53^1 = 28 + 43 + 212 + 531 \\
 814 &:= 2^9 + 4^4 + 29^0 + 45^1 = 29 + 44 + 290 + 451 \\
 814 &:= 2^9 + 7^2 + 14^2 + 57^1 = 29 + 72 + 142 + 571 \\
 814 &:= 3^1 + 24^0 + 26^1 + 28^2 = 31 + 240 + 261 + 282 \\
 814 &:= 4^1 + 24^0 + 25^1 + 28^2 = 41 + 240 + 251 + 282 \\
 814 &:= 5^1 + 24^0 + 24^1 + 28^2 = 51 + 240 + 241 + 282 \\
 814 &:= 6^1 + 23^1 + 24^0 + 28^2 = 61 + 231 + 240 + 282 \\
 814 &:= 7^1 + 22^1 + 24^0 + 28^2 = 71 + 221 + 240 + 282 \\
 814 &:= 8^1 + 21^1 + 24^0 + 28^2 = 81 + 211 + 240 + 282 \\
 814 &:= 9^1 + 20^1 + 24^0 + 28^2 = 91 + 201 + 240 + 282 \\
 814 &:= 1^3 + 2^8 + 23^2 + 27^0 + 27^1 = 13 + 28 + 232 + 270 + 271
 \end{aligned}$$

$$\begin{aligned}
 814 &:= 1^7 + 4^4 + 23^2 + 25^0 + 27^1 = 17 + 44 + 232 + 250 + 271 \\
 814 &:= 1^8 + 13^1 + 17^2 + 22^2 + 27^1 = 18 + 131 + 172 + 222 + 271 \\
 814 &:= 1^8 + 14^1 + 14^2 + 24^2 + 27^1 = 18 + 141 + 142 + 242 + 271 \\
 814 &:= 1^8 + 14^1 + 17^2 + 22^2 + 26^1 = 18 + 141 + 172 + 222 + 261 \\
 814 &:= 1^8 + 14^2 + 15^1 + 24^2 + 26^1 = 18 + 142 + 151 + 242 + 261 \\
 814 &:= 1^8 + 14^2 + 16^1 + 24^2 + 25^1 = 18 + 142 + 161 + 242 + 251 \\
 814 &:= 1^8 + 14^2 + 17^1 + 24^1 + 24^2 = 18 + 142 + 171 + 241 + 242 \\
 814 &:= 1^8 + 14^2 + 18^1 + 23^1 + 24^2 = 18 + 142 + 181 + 231 + 242 \\
 814 &:= 1^8 + 14^2 + 19^1 + 22^1 + 24^2 = 18 + 142 + 191 + 221 + 242 \\
 814 &:= 1^8 + 14^2 + 20^1 + 21^1 + 24^2 = 18 + 142 + 201 + 211 + 242 \\
 814 &:= 1^8 + 15^1 + 17^2 + 22^2 + 25^1 = 18 + 151 + 172 + 222 + 251 \\
 814 &:= 1^8 + 16^1 + 17^2 + 22^2 + 24^1 = 18 + 161 + 172 + 222 + 241 \\
 814 &:= 1^8 + 17^1 + 17^2 + 22^2 + 23^1 = 18 + 171 + 172 + 222 + 231 \\
 814 &:= 1^8 + 17^2 + 18^1 + 22^1 + 22^2 = 18 + 172 + 181 + 221 + 222 \\
 814 &:= 1^8 + 17^2 + 19^1 + 21^1 + 22^2 = 18 + 172 + 191 + 211 + 222 \\
 814 &:= 1^8 + 17^2 + 20^1 + 20^1 + 22^2 = 18 + 172 + 201 + 201 + 222 \\
 814 &:= 1^9 + 11^2 + 15^1 + 26^2 + 27^0 = 19 + 112 + 151 + 262 + 270 \\
 814 &:= 1^9 + 12^1 + 20^2 + 20^2 + 27^0 = 19 + 121 + 202 + 202 + 270 \\
 814 &:= 1^9 + 13^0 + 16^2 + 23^2 + 27^1 = 19 + 130 + 162 + 232 + 271 \\
 814 &:= 1^9 + 13^2 + 18^1 + 23^0 + 25^2 = 19 + 132 + 181 + 230 + 252 \\
 814 &:= 1^9 + 8^2 + 19^1 + 25^0 + 27^2 = 19 + 82 + 191 + 250 + 272
 \end{aligned}$$

$$814 := 2^6 + 4^4 + 21^2 + 26^1 + 27^1 = 26 + 44 + 212 + 261 + 271$$

$$814 := 2^7 + 3^5 + 21^2 + 27^0 + 27^0 = 27 + 35 + 212 + 270 + 270$$

$$814 := 2^7 + 7^3 + 17^2 + 27^1 + 27^1 = 27 + 73 + 172 + 271 + 271$$

$$814 := 2^8 + 16^2 + 16^2 + 19^1 + 27^1 = 28 + 162 + 162 + 191 + 271$$

$$814 := 2^8 + 16^2 + 16^2 + 20^1 + 26^1 = 28 + 162 + 162 + 201 + 261$$

$$814 := 2^8 + 16^2 + 16^2 + 21^1 + 25^1 = 28 + 162 + 162 + 211 + 251$$

$$814 := 2^8 + 16^2 + 16^2 + 22^1 + 24^1 = 28 + 162 + 162 + 221 + 241$$

$$814 := 2^8 + 16^2 + 16^2 + 23^1 + 23^1 = 28 + 162 + 162 + 231 + 231$$

2.2.716 Number 815

$$815 := 14^2 + 24^2 + 43^1 = 142 + 242 + 431$$

$$815 := 17^2 + 22^2 + 42^1 = 172 + 222 + 421$$

$$815 := 1^0 + 14^2 + 24^2 + 42^1 = 10 + 142 + 242 + 421$$

$$815 := 1^0 + 17^2 + 22^2 + 41^1 = 10 + 172 + 222 + 411$$

$$815 := 1^2 + 23^0 + 28^2 + 29^1 = 12 + 230 + 282 + 291$$

$$815 := 11^2 + 17^1 + 26^2 + 27^0 = 112 + 171 + 262 + 270$$

$$815 := 12^1 + 19^2 + 21^2 + 29^0 = 121 + 192 + 212 + 290$$

$$815 := 13^0 + 16^2 + 23^2 + 29^1 = 130 + 162 + 232 + 291$$

$$815 := 13^1 + 15^2 + 24^2 + 29^0 = 131 + 152 + 242 + 290$$

$$815 := 13^2 + 20^1 + 23^0 + 25^2 = 132 + 201 + 230 + 252$$

$$815 := 14^1 + 20^2 + 20^2 + 27^0 = 141 + 202 + 202 + 270$$

$$815 := 2^2 + 25^0 + 26^1 + 28^2 = 22 + 250 + 261 + 282$$

$$815 := 2^9 + 3^5 + 16^0 + 59^1 = 29 + 35 + 160 + 591$$

$$815 := 3^2 + 21^1 + 28^2 + 29^0 = 32 + 211 + 282 + 290$$

$$815 := 4^1 + 9^2 + 27^2 + 41^0 = 41 + 92 + 272 + 410$$

$$815 := 4^2 + 14^1 + 28^2 + 35^0 = 42 + 141 + 282 + 350$$

$$815 := 5^1 + 5^2 + 28^2 + 43^0 = 51 + 52 + 282 + 430$$

$$815 := 6^1 + 18^2 + 22^2 + 35^0 = 61 + 182 + 222 + 350$$

$$815 := 7^0 + 10^2 + 26^2 + 38^1 = 70 + 102 + 262 + 381$$

$$815 := 7^2 + 11^0 + 27^2 + 36^1 = 72 + 110 + 272 + 361$$

$$815 := 8^2 + 21^1 + 25^0 + 27^2 = 82 + 211 + 250 + 272$$

$$815 := 1^0 + 11^2 + 16^1 + 26^2 + 27^0 = 10 + 112 + 161 + 262 + 270$$

$$815 := 1^0 + 13^1 + 20^2 + 20^2 + 27^0 = 10 + 131 + 202 + 202 + 270$$

$$815 := 1^0 + 13^2 + 19^1 + 23^0 + 25^2 = 10 + 132 + 191 + 230 + 252$$

$$815 := 1^0 + 8^2 + 20^1 + 25^0 + 27^2 = 10 + 82 + 201 + 250 + 272$$

$$815 := 10^0 + 11^1 + 19^2 + 20^0 + 21^2 = 100 + 111 + 192 + 200 + 212$$

$$815 := 10^0 + 11^2 + 16^1 + 18^0 + 26^2 = 100 + 112 + 161 + 180 + 262$$

$$815 := 10^0 + 12^1 + 15^2 + 20^0 + 24^2 = 100 + 121 + 152 + 200 + 242$$

$$815 := 10^0 + 13^1 + 18^0 + 20^2 + 20^2 = 100 + 131 + 180 + 202 + 202$$

$$815 := 10^0 + 13^2 + 14^0 + 19^1 + 25^2 = 100 + 132 + 140 + 191 + 252$$

$$815 := 11^0 + 11^1 + 19^0 + 19^2 + 21^2 = 110 + 111 + 190 + 192 + 212$$

$$815 := 11^0 + 11^2 + 16^1 + 17^0 + 26^2 = 110 + 112 + 161 + 170 + 262$$

$$815 := 11^0 + 12^1 + 15^2 + 19^0 + 24^2 = 110 + 121 + 152 + 190 + 242$$

$$815 := 11^0 + 13^0 + 13^2 + 19^1 + 25^2 = 110 + 130 + 132 + 191 + 252$$

$$815 := 11^0 + 13^1 + 17^0 + 20^2 + 20^2 = 110 + 131 + 170 + 202 + 202$$

$$815 := 11^1 + 12^0 + 18^0 + 19^2 + 21^2 = 111 + 120 + 180 + 192 + 212$$

$$815 := 11^1 + 13^0 + 17^0 + 19^2 + 21^2 = 111 + 130 + 170 + 192 + 212$$

$$815 := 11^1 + 14^0 + 16^0 + 19^2 + 21^2 = 111 + 140 + 160 + 192 + 212$$

$$815 := 11^1 + 15^0 + 15^0 + 19^2 + 21^2 = 111 + 150 + 150 + 192 + 212$$

$$815 := 11^2 + 12^0 + 16^0 + 16^1 + 26^2 = 112 + 120 + 160 + 161 + 262$$

$$815 := 11^2 + 13^0 + 15^0 + 16^1 + 26^2 = 112 + 130 + 150 + 161 + 262$$

$$815 := 11^2 + 14^0 + 14^0 + 16^1 + 26^2 = 112 + 140 + 140 + 161 + 262$$

$$815 := 12^0 + 12^0 + 13^2 + 19^1 + 25^2 = 120 + 120 + 132 + 191 + 252$$

$$815 := 12^0 + 12^1 + 15^2 + 18^0 + 24^2 = 120 + 121 + 152 + 180 + 242$$

$$815 := 12^0 + 13^1 + 16^0 + 20^2 + 20^2 = 120 + 131 + 160 + 202 + 202$$

$$815 := 12^1 + 13^0 + 15^2 + 17^0 + 24^2 = 121 + 130 + 152 + 170 + 242$$

$$815 := 12^1 + 14^0 + 15^2 + 16^0 + 24^2 = 121 + 140 + 152 + 160 + 242$$

$$815 := 12^1 + 15^0 + 15^0 + 15^2 + 24^2 = 121 + 150 + 150 + 152 + 242$$

$$815 := 13^0 + 13^1 + 15^0 + 20^2 + 20^2 = 130 + 131 + 150 + 202 + 202$$

$$815 := 13^1 + 14^0 + 14^0 + 20^2 + 20^2 = 131 + 140 + 140 + 202 + 202$$

$$815 := 2^0 + 11^2 + 16^1 + 26^0 + 26^2 = 20 + 112 + 161 + 260 + 262$$

$$815 := 2^0 + 13^1 + 20^2 + 20^2 + 26^0 = 20 + 131 + 202 + 202 + 260$$

$$815 := 2^0 + 13^2 + 19^1 + 22^0 + 25^2 = 20 + 132 + 191 + 220 + 252$$

$$815 := 2^0 + 8^2 + 20^1 + 24^0 + 27^2 = 20 + 82 + 201 + 240 + 272$$

$$815 := 3^0 + 11^1 + 19^2 + 21^2 + 27^0 = 30 + 111 + 192 + 212 + 270$$

$$815 := 3^0 + 11^2 + 16^1 + 25^0 + 26^2 = 30 + 112 + 161 + 250 + 262$$

$$815 := 3^0 + 12^1 + 15^2 + 24^2 + 27^0 = 30 + 121 + 152 + 242 + 270$$

$$815 := 3^0 + 13^1 + 20^2 + 20^2 + 25^0 = 30 + 131 + 202 + 202 + 250$$

$$815 := 3^0 + 13^2 + 19^1 + 21^0 + 25^2 = 30 + 132 + 191 + 210 + 252$$

$$815 := 3^0 + 8^2 + 20^1 + 23^0 + 27^2 = 30 + 82 + 201 + 230 + 272$$

$$815 := 3^1 + 9^2 + 15^0 + 27^0 + 27^2 = 31 + 92 + 150 + 270 + 272$$

$$815 := 3^1 + 9^2 + 16^0 + 26^0 + 27^2 = 31 + 92 + 160 + 260 + 272$$

$815 := 3^1 + 9^2 + 17^0 + 25^0 + 27^2 = 31 + 92 + 170 + 250 + 272$	$815 := 6^0 + 11^2 + 16^1 + 22^0 + 26^2 = 60 + 112 + 161 + 220 + 262$
$815 := 3^1 + 9^2 + 18^0 + 24^0 + 27^2 = 31 + 92 + 180 + 240 + 272$	$815 := 6^0 + 12^1 + 15^2 + 24^0 + 24^2 = 60 + 121 + 152 + 240 + 242$
$815 := 3^1 + 9^2 + 19^0 + 23^0 + 27^2 = 31 + 92 + 190 + 230 + 272$	$815 := 6^0 + 13^1 + 20^2 + 20^2 + 22^0 = 60 + 131 + 202 + 202 + 220$
$815 := 3^1 + 9^2 + 20^0 + 22^0 + 27^2 = 31 + 92 + 200 + 220 + 272$	$815 := 6^0 + 13^2 + 18^0 + 19^1 + 25^2 = 60 + 132 + 180 + 191 + 252$
$815 := 3^1 + 9^2 + 21^0 + 21^0 + 27^2 = 31 + 92 + 210 + 210 + 272$	$815 := 6^0 + 8^2 + 20^0 + 20^1 + 27^2 = 60 + 82 + 200 + 201 + 272$
$815 := 4^0 + 11^1 + 19^2 + 21^2 + 26^0 = 40 + 111 + 192 + 212 + 260$	$815 := 7^0 + 11^1 + 19^2 + 21^2 + 23^0 = 70 + 111 + 192 + 212 + 230$
$815 := 4^0 + 11^2 + 16^1 + 24^0 + 26^2 = 40 + 112 + 161 + 240 + 262$	$815 := 7^0 + 11^2 + 16^1 + 21^0 + 26^2 = 70 + 112 + 161 + 210 + 262$
$815 := 4^0 + 12^1 + 15^2 + 24^2 + 26^0 = 40 + 121 + 152 + 242 + 260$	$815 := 7^0 + 12^1 + 15^2 + 23^0 + 24^2 = 70 + 121 + 152 + 230 + 242$
$815 := 4^0 + 13^1 + 20^2 + 20^2 + 24^0 = 40 + 131 + 202 + 202 + 240$	$815 := 7^0 + 13^1 + 20^2 + 20^2 + 21^0 = 70 + 131 + 202 + 202 + 210$
$815 := 4^0 + 13^2 + 19^1 + 20^0 + 25^2 = 40 + 132 + 191 + 200 + 252$	$815 := 7^0 + 13^2 + 17^0 + 19^1 + 25^2 = 70 + 132 + 170 + 191 + 252$
$815 := 4^0 + 8^2 + 20^1 + 22^0 + 27^2 = 40 + 82 + 201 + 220 + 272$	$815 := 7^0 + 8^2 + 19^0 + 20^1 + 27^2 = 70 + 82 + 190 + 201 + 272$
$815 := 5^0 + 11^1 + 19^2 + 21^2 + 25^0 = 50 + 111 + 192 + 212 + 250$	$815 := 8^0 + 11^1 + 19^2 + 21^2 + 22^0 = 80 + 111 + 192 + 212 + 220$
$815 := 5^0 + 11^2 + 16^1 + 23^0 + 26^2 = 50 + 112 + 161 + 230 + 262$	$815 := 8^0 + 11^2 + 16^1 + 20^0 + 26^2 = 80 + 112 + 161 + 200 + 262$
$815 := 5^0 + 12^1 + 15^2 + 24^2 + 25^0 = 50 + 121 + 152 + 242 + 250$	$815 := 8^0 + 12^1 + 15^2 + 22^0 + 24^2 = 80 + 121 + 152 + 220 + 242$
$815 := 5^0 + 13^1 + 20^2 + 20^2 + 23^0 = 50 + 131 + 202 + 202 + 230$	$815 := 8^0 + 13^1 + 20^0 + 20^2 + 20^2 = 80 + 131 + 200 + 202 + 202$
$815 := 5^0 + 13^2 + 19^0 + 19^1 + 25^2 = 50 + 132 + 190 + 191 + 252$	$815 := 8^0 + 13^2 + 16^0 + 19^1 + 25^2 = 80 + 132 + 160 + 191 + 252$
$815 := 5^0 + 8^2 + 20^1 + 21^0 + 27^2 = 50 + 82 + 201 + 210 + 272$	$815 := 8^0 + 8^2 + 18^0 + 20^1 + 27^2 = 80 + 82 + 180 + 201 + 272$
$815 := 5^1 + 10^0 + 18^2 + 22^2 + 26^0 = 51 + 100 + 182 + 222 + 260$	$815 := 8^2 + 10^0 + 16^0 + 20^1 + 27^2 = 82 + 100 + 160 + 201 + 272$
$815 := 5^1 + 11^0 + 18^2 + 22^2 + 25^0 = 51 + 110 + 182 + 222 + 250$	$815 := 8^2 + 11^0 + 15^0 + 20^1 + 27^2 = 82 + 110 + 150 + 201 + 272$
$815 := 5^1 + 12^0 + 18^2 + 22^2 + 24^0 = 51 + 120 + 182 + 222 + 240$	$815 := 8^2 + 12^0 + 14^0 + 20^1 + 27^2 = 82 + 120 + 140 + 201 + 272$
$815 := 5^1 + 13^0 + 18^2 + 22^2 + 23^0 = 51 + 130 + 182 + 222 + 230$	$815 := 8^2 + 13^0 + 13^0 + 20^1 + 27^2 = 82 + 130 + 130 + 201 + 272$
$815 := 5^1 + 14^0 + 18^2 + 22^0 + 22^2 = 51 + 140 + 182 + 220 + 222$	$815 := 8^2 + 9^0 + 17^0 + 20^1 + 27^2 = 82 + 90 + 170 + 201 + 272$
$815 := 5^1 + 15^0 + 18^2 + 21^0 + 22^2 = 51 + 150 + 182 + 210 + 222$	$815 := 9^0 + 11^1 + 19^2 + 21^0 + 21^2 = 90 + 111 + 192 + 210 + 212$
$815 := 5^1 + 16^0 + 18^2 + 20^0 + 22^2 = 51 + 160 + 182 + 200 + 222$	$815 := 9^0 + 11^2 + 16^1 + 19^0 + 26^2 = 90 + 112 + 161 + 190 + 262$
$815 := 5^1 + 17^0 + 18^2 + 19^0 + 22^2 = 51 + 170 + 182 + 190 + 222$	$815 := 9^0 + 12^1 + 15^2 + 21^0 + 24^2 = 90 + 121 + 152 + 210 + 242$
$815 := 5^1 + 18^0 + 18^0 + 18^2 + 22^2 = 51 + 180 + 180 + 182 + 222$	$815 := 9^0 + 13^1 + 19^0 + 20^2 + 20^2 = 90 + 131 + 190 + 202 + 202$
$815 := 5^1 + 9^0 + 18^2 + 22^2 + 27^0 = 51 + 90 + 182 + 222 + 270$	$815 := 9^0 + 13^2 + 15^0 + 19^1 + 25^2 = 90 + 132 + 150 + 191 + 252$
$815 := 6^0 + 11^1 + 19^2 + 21^2 + 24^0 = 60 + 111 + 192 + 212 + 240$	

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$816 := 1^3 + 22^0 + 28^2 + 30^1 = 13 + 220 + 282 + 301$	$816 := 6^2 + 9^3 + 16^0 + 50^1 = 62 + 93 + 160 + 501$
$816 := 2^3 + 23^1 + 28^0 + 28^2 = 23 + 231 + 280 + 282$	$816 := 6^3 + 23^1 + 24^2 + 28^0 = 63 + 231 + 242 + 280$
$816 := 3^3 + 4^1 + 28^2 + 46^0 = 33 + 41 + 282 + 460$	$816 := 7^2 + 9^3 + 28^0 + 37^1 = 72 + 93 + 280 + 371$
$816 := 4^3 + 22^1 + 27^2 + 28^0 = 43 + 221 + 272 + 280$	$816 := 7^3 + 21^2 + 22^0 + 31^1 = 73 + 212 + 220 + 311$
$816 := 5^1 + 9^2 + 9^3 + 58^0 = 51 + 92 + 93 + 580$	$816 := 8^2 + 9^3 + 22^1 + 42^0 = 82 + 93 + 221 + 420$
$816 := 5^2 + 6^0 + 9^3 + 61^1 = 52 + 60 + 93 + 611$	$816 := 8^3 + 10^0 + 16^2 + 47^1 = 83 + 100 + 162 + 471$
$816 := 5^3 + 14^1 + 26^2 + 36^0 = 53 + 141 + 262 + 360$	$816 := 8^3 + 14^1 + 17^2 + 42^0 = 83 + 141 + 172 + 420$

$$\begin{aligned} 816 &:= 1^1 + 11^2 + 17^1 + 26^0 + 26^2 = 11 + 112 + 171 + 260 + 262 & 816 &:= 4^3 + 11^0 + 18^0 + 21^1 + 27^2 = 43 + 110 + 180 + 211 + 272 \\ 816 &:= 1^1 + 13^2 + 20^1 + 22^0 + 25^2 = 11 + 132 + 201 + 220 + 252 & 816 &:= 4^3 + 12^0 + 17^0 + 21^1 + 27^2 = 43 + 120 + 170 + 211 + 272 \\ 816 &:= 1^1 + 14^1 + 20^2 + 20^2 + 26^0 = 11 + 141 + 202 + 202 + 260 & 816 &:= 4^3 + 13^0 + 16^0 + 21^1 + 27^2 = 43 + 130 + 160 + 211 + 272 \\ 816 &:= 1^1 + 8^2 + 21^1 + 24^0 + 27^2 = 11 + 82 + 211 + 240 + 272 & 816 &:= 4^3 + 14^0 + 15^0 + 21^1 + 27^2 = 43 + 140 + 150 + 211 + 272 \\ 816 &:= 10^1 + 11^1 + 13^2 + 22^0 + 25^2 = 101 + 111 + 132 + 220 + 252 & 816 &:= 4^3 + 5^0 + 21^1 + 24^0 + 27^2 = 43 + 50 + 211 + 240 + 272 \\ 816 &:= 10^1 + 12^0 + 16^2 + 20^1 + 23^2 = 101 + 120 + 162 + 201 + 232 & 816 &:= 4^3 + 6^0 + 21^1 + 23^0 + 27^2 = 43 + 60 + 211 + 230 + 272 \\ 816 &:= 11^1 + 12^0 + 16^2 + 19^1 + 23^2 = 111 + 120 + 162 + 191 + 232 & 816 &:= 4^3 + 7^0 + 21^1 + 22^0 + 27^2 = 43 + 70 + 211 + 220 + 272 \\ 816 &:= 12^0 + 12^1 + 16^2 + 18^1 + 23^2 = 120 + 121 + 162 + 181 + 232 & 816 &:= 4^3 + 8^0 + 21^0 + 21^1 + 27^2 = 43 + 80 + 210 + 211 + 272 \\ 816 &:= 12^0 + 13^1 + 16^2 + 17^1 + 23^2 = 120 + 131 + 162 + 171 + 232 & 816 &:= 4^3 + 9^0 + 20^0 + 21^1 + 27^2 = 43 + 90 + 200 + 211 + 272 \\ 816 &:= 12^0 + 14^1 + 16^1 + 16^2 + 23^2 = 120 + 141 + 161 + 162 + 232 & 816 &:= 5^0 + 6^3 + 22^1 + 24^0 + 24^2 = 50 + 63 + 221 + 240 + 242 \\ 816 &:= 12^0 + 15^1 + 15^1 + 16^2 + 23^2 = 120 + 151 + 151 + 162 + 232 & 816 &:= 5^1 + 10^1 + 20^2 + 20^2 + 26^0 = 51 + 101 + 202 + 202 + 260 \\ 816 &:= 2^0 + 4^3 + 21^1 + 27^0 + 27^2 = 20 + 43 + 211 + 270 + 272 & 816 &:= 5^1 + 11^2 + 13^1 + 26^0 + 26^2 = 51 + 112 + 131 + 260 + 262 \\ 816 &:= 2^0 + 6^3 + 22^1 + 24^2 + 27^0 = 20 + 63 + 221 + 242 + 270 & 816 &:= 5^1 + 12^0 + 16^2 + 23^2 + 25^1 = 51 + 120 + 162 + 232 + 251 \\ 816 &:= 2^1 + 11^2 + 16^1 + 26^0 + 26^2 = 21 + 112 + 161 + 260 + 262 & 816 &:= 5^1 + 13^2 + 16^1 + 22^0 + 25^2 = 51 + 132 + 161 + 220 + 252 \\ 816 &:= 2^1 + 13^1 + 20^2 + 20^2 + 26^0 = 21 + 131 + 202 + 202 + 260 & 816 &:= 5^1 + 8^2 + 17^1 + 24^0 + 27^2 = 51 + 82 + 171 + 240 + 272 \\ 816 &:= 2^1 + 13^2 + 19^1 + 22^0 + 25^2 = 21 + 132 + 191 + 220 + 252 & 816 &:= 5^3 + 10^0 + 13^1 + 26^2 + 27^0 = 53 + 100 + 131 + 262 + 270 \\ 816 &:= 2^1 + 8^2 + 20^1 + 24^0 + 27^2 = 21 + 82 + 201 + 240 + 272 & 816 &:= 5^3 + 11^0 + 13^1 + 26^0 + 26^2 = 53 + 110 + 131 + 260 + 262 \\ 816 &:= 2^2 + 9^2 + 16^0 + 27^0 + 27^2 = 22 + 92 + 160 + 270 + 272 & 816 &:= 5^3 + 12^0 + 13^1 + 25^0 + 26^2 = 53 + 120 + 131 + 250 + 262 \\ 816 &:= 2^2 + 9^2 + 17^0 + 26^0 + 27^2 = 22 + 92 + 170 + 260 + 272 & 816 &:= 5^3 + 13^0 + 13^1 + 24^0 + 26^2 = 53 + 130 + 131 + 240 + 262 \\ 816 &:= 2^2 + 9^2 + 18^0 + 25^0 + 27^2 = 22 + 92 + 180 + 250 + 272 & 816 &:= 5^3 + 13^1 + 14^0 + 23^0 + 26^2 = 53 + 131 + 140 + 230 + 262 \\ 816 &:= 2^2 + 9^2 + 19^0 + 24^0 + 27^2 = 22 + 92 + 190 + 240 + 272 & 816 &:= 5^3 + 13^1 + 15^0 + 22^0 + 26^2 = 53 + 131 + 150 + 220 + 262 \\ 816 &:= 2^2 + 9^2 + 20^0 + 23^0 + 27^2 = 22 + 92 + 200 + 230 + 272 & 816 &:= 5^3 + 13^1 + 16^0 + 21^0 + 26^2 = 53 + 131 + 160 + 210 + 262 \\ 816 &:= 2^2 + 9^2 + 21^0 + 22^0 + 27^2 = 22 + 92 + 210 + 220 + 272 & 816 &:= 5^3 + 13^1 + 17^0 + 20^0 + 26^2 = 53 + 131 + 170 + 200 + 262 \\ 816 &:= 3^0 + 4^3 + 21^1 + 26^0 + 27^2 = 30 + 43 + 211 + 260 + 272 & 816 &:= 5^3 + 13^1 + 18^0 + 19^0 + 26^2 = 53 + 131 + 180 + 190 + 262 \\ 816 &:= 3^0 + 6^3 + 22^1 + 24^2 + 26^0 = 30 + 63 + 221 + 242 + 260 & 816 &:= 6^0 + 10^2 + 12^1 + 26^2 + 27^1 = 60 + 102 + 121 + 262 + 271 \\ 816 &:= 3^1 + 11^2 + 15^1 + 26^0 + 26^2 = 31 + 112 + 151 + 260 + 262 & 816 &:= 6^0 + 10^2 + 13^1 + 26^1 + 26^2 = 60 + 102 + 131 + 261 + 262 \\ 816 &:= 3^1 + 12^0 + 16^2 + 23^2 + 27^1 = 31 + 120 + 162 + 232 + 271 & 816 &:= 6^0 + 10^2 + 14^1 + 25^1 + 26^2 = 60 + 102 + 141 + 251 + 262 \\ 816 &:= 3^1 + 12^1 + 20^2 + 20^2 + 26^0 = 31 + 121 + 202 + 202 + 260 & 816 &:= 6^0 + 10^2 + 15^1 + 24^1 + 26^2 = 60 + 102 + 151 + 241 + 262 \\ 816 &:= 3^1 + 13^2 + 18^1 + 22^0 + 25^2 = 31 + 132 + 181 + 220 + 252 & 816 &:= 6^0 + 10^2 + 16^1 + 23^1 + 26^2 = 60 + 102 + 161 + 231 + 262 \\ 816 &:= 3^1 + 8^2 + 19^1 + 24^0 + 27^2 = 31 + 82 + 191 + 240 + 272 & 816 &:= 6^0 + 10^2 + 17^1 + 22^1 + 26^2 = 60 + 102 + 171 + 221 + 262 \\ 816 &:= 4^0 + 4^3 + 21^1 + 25^0 + 27^2 = 40 + 43 + 211 + 250 + 272 & 816 &:= 6^0 + 10^2 + 18^1 + 21^1 + 26^2 = 60 + 102 + 181 + 211 + 262 \\ 816 &:= 4^0 + 6^3 + 22^1 + 24^2 + 25^0 = 40 + 63 + 221 + 242 + 250 & 816 &:= 6^0 + 10^2 + 19^1 + 20^1 + 26^2 = 60 + 102 + 191 + 201 + 262 \\ 816 &:= 4^1 + 11^1 + 20^2 + 20^2 + 26^0 = 41 + 111 + 202 + 202 + 260 & 816 &:= 6^0 + 6^3 + 22^1 + 23^0 + 24^2 = 60 + 63 + 221 + 230 + 242 \\ 816 &:= 4^1 + 11^2 + 14^1 + 26^0 + 26^2 = 41 + 112 + 141 + 260 + 262 & 816 &:= 6^1 + 11^2 + 12^1 + 26^0 + 26^2 = 61 + 112 + 121 + 260 + 262 \\ 816 &:= 4^1 + 12^0 + 16^2 + 23^2 + 26^1 = 41 + 120 + 162 + 232 + 261 & 816 &:= 6^1 + 12^0 + 16^2 + 23^2 + 24^1 = 61 + 120 + 162 + 232 + 241 \\ 816 &:= 4^1 + 13^2 + 17^1 + 22^0 + 25^2 = 41 + 132 + 171 + 220 + 252 & 816 &:= 6^1 + 13^2 + 15^1 + 22^0 + 25^2 = 61 + 132 + 151 + 220 + 252 \\ 816 &:= 4^1 + 8^2 + 18^1 + 24^0 + 27^2 = 41 + 82 + 181 + 240 + 272 & 816 &:= 6^1 + 8^2 + 16^1 + 24^0 + 27^2 = 61 + 82 + 161 + 240 + 272 \\ 816 &:= 4^3 + 10^0 + 19^0 + 21^1 + 27^2 = 43 + 100 + 190 + 211 + 272 & 816 &:= 6^1 + 9^1 + 20^2 + 20^2 + 26^0 = 61 + 91 + 202 + 202 + 260 \end{aligned}$$

$816 := 6^2 + 7^2 + 14^0 + 27^0 + 27^2 = 62 + 72 + 140 + 270 + 272$	$816 := 7^2 + 12^0 + 18^2 + 21^2 + 23^0 = 72 + 120 + 182 + 212 + 230$
$816 := 6^2 + 7^2 + 15^0 + 26^0 + 27^2 = 62 + 72 + 150 + 260 + 272$	$816 := 7^2 + 13^0 + 18^2 + 21^2 + 22^0 = 72 + 130 + 182 + 212 + 220$
$816 := 6^2 + 7^2 + 16^0 + 25^0 + 27^2 = 62 + 72 + 160 + 250 + 272$	$816 := 7^2 + 14^0 + 18^2 + 21^0 + 21^2 = 72 + 140 + 182 + 210 + 212$
$816 := 6^2 + 7^2 + 17^0 + 24^0 + 27^2 = 62 + 72 + 170 + 240 + 272$	$816 := 7^2 + 15^0 + 18^2 + 20^0 + 21^2 = 72 + 150 + 182 + 200 + 212$
$816 := 6^2 + 7^2 + 18^0 + 23^0 + 27^2 = 62 + 72 + 180 + 230 + 272$	$816 := 7^2 + 16^0 + 18^2 + 19^0 + 21^2 = 72 + 160 + 182 + 190 + 212$
$816 := 6^2 + 7^2 + 19^0 + 22^0 + 27^2 = 62 + 72 + 190 + 220 + 272$	$816 := 7^2 + 17^0 + 18^0 + 18^2 + 21^2 = 72 + 170 + 180 + 182 + 212$
$816 := 6^2 + 7^2 + 20^0 + 21^0 + 27^2 = 62 + 72 + 200 + 210 + 272$	$816 := 7^2 + 8^0 + 18^2 + 21^2 + 27^0 = 72 + 80 + 182 + 212 + 270$
$816 := 6^3 + 10^0 + 19^0 + 22^1 + 24^2 = 63 + 100 + 190 + 221 + 242$	$816 := 7^2 + 9^0 + 18^2 + 21^2 + 26^0 = 72 + 90 + 182 + 212 + 260$
$816 := 6^3 + 11^0 + 18^0 + 22^1 + 24^2 = 63 + 110 + 180 + 221 + 242$	$816 := 8^1 + 10^1 + 11^2 + 26^0 + 26^2 = 81 + 101 + 112 + 260 + 262$
$816 := 6^3 + 12^0 + 17^0 + 22^1 + 24^2 = 63 + 120 + 170 + 221 + 242$	$816 := 8^1 + 12^0 + 16^2 + 22^1 + 23^2 = 81 + 120 + 162 + 221 + 232$
$816 := 6^3 + 13^0 + 16^0 + 22^1 + 24^2 = 63 + 130 + 160 + 221 + 242$	$816 := 8^1 + 13^1 + 13^2 + 22^0 + 25^2 = 81 + 131 + 132 + 220 + 252$
$816 := 6^3 + 14^0 + 15^0 + 22^1 + 24^2 = 63 + 140 + 150 + 221 + 242$	$816 := 8^1 + 8^2 + 14^1 + 24^0 + 27^2 = 81 + 82 + 141 + 240 + 272$
$816 := 6^3 + 7^0 + 22^0 + 22^1 + 24^2 = 63 + 70 + 220 + 221 + 242$	$816 := 8^2 + 10^1 + 12^1 + 24^0 + 27^2 = 82 + 101 + 121 + 240 + 272$
$816 := 6^3 + 8^0 + 21^0 + 22^1 + 24^2 = 63 + 80 + 210 + 221 + 242$	$816 := 8^2 + 11^1 + 11^1 + 24^0 + 27^2 = 82 + 111 + 111 + 240 + 272$
$816 := 6^3 + 9^0 + 20^0 + 22^1 + 24^2 = 63 + 90 + 200 + 221 + 242$	$816 := 8^2 + 9^1 + 13^1 + 24^0 + 27^2 = 82 + 91 + 131 + 240 + 272$
$816 := 7^1 + 11^1 + 11^2 + 26^0 + 26^2 = 71 + 111 + 112 + 260 + 262$	$816 := 8^2 + 9^3 + 16^0 + 21^1 + 27^0 = 82 + 93 + 160 + 211 + 270$
$816 := 7^1 + 12^0 + 16^2 + 23^1 + 23^2 = 71 + 120 + 162 + 231 + 232$	$816 := 8^2 + 9^3 + 17^0 + 21^1 + 26^0 = 82 + 93 + 170 + 211 + 260$
$816 := 7^1 + 13^2 + 14^1 + 22^0 + 25^2 = 71 + 132 + 141 + 220 + 252$	$816 := 8^2 + 9^3 + 18^0 + 21^1 + 25^0 = 82 + 93 + 180 + 211 + 250$
$816 := 7^1 + 8^1 + 20^2 + 20^2 + 26^0 = 71 + 81 + 202 + 202 + 260$	$816 := 8^2 + 9^3 + 19^0 + 21^1 + 24^0 = 82 + 93 + 190 + 211 + 240$
$816 := 7^1 + 8^2 + 15^1 + 24^0 + 27^2 = 71 + 82 + 151 + 240 + 272$	$816 := 8^2 + 9^3 + 20^0 + 21^1 + 23^0 = 82 + 93 + 200 + 211 + 230$
$816 := 7^2 + 10^0 + 10^1 + 27^1 + 27^2 = 72 + 100 + 101 + 271 + 272$	$816 := 8^2 + 9^3 + 21^0 + 21^1 + 22^0 = 82 + 93 + 210 + 211 + 220$
$816 := 7^2 + 10^0 + 11^1 + 26^1 + 27^2 = 72 + 100 + 111 + 261 + 272$	$816 := 8^3 + 13^1 + 16^0 + 17^2 + 27^0 = 83 + 131 + 160 + 172 + 270$
$816 := 7^2 + 10^0 + 12^1 + 25^1 + 27^2 = 72 + 100 + 121 + 251 + 272$	$816 := 8^3 + 13^1 + 17^0 + 17^2 + 26^0 = 83 + 131 + 170 + 172 + 260$
$816 := 7^2 + 10^0 + 13^1 + 24^1 + 27^2 = 72 + 100 + 131 + 241 + 272$	$816 := 8^3 + 13^1 + 17^2 + 18^0 + 25^0 = 83 + 131 + 172 + 180 + 250$
$816 := 7^2 + 10^0 + 14^1 + 23^1 + 27^2 = 72 + 100 + 141 + 231 + 272$	$816 := 8^3 + 13^1 + 17^2 + 19^0 + 24^0 = 83 + 131 + 172 + 190 + 240$
$816 := 7^2 + 10^0 + 15^1 + 22^1 + 27^2 = 72 + 100 + 151 + 221 + 272$	$816 := 8^3 + 13^1 + 17^2 + 20^0 + 23^0 = 83 + 131 + 172 + 200 + 230$
$816 := 7^2 + 10^0 + 16^1 + 21^1 + 27^2 = 72 + 100 + 161 + 211 + 272$	$816 := 8^3 + 13^1 + 17^2 + 21^0 + 22^0 = 83 + 131 + 172 + 210 + 220$
$816 := 7^2 + 10^0 + 17^1 + 20^1 + 27^2 = 72 + 100 + 171 + 201 + 272$	$816 := 9^1 + 12^0 + 16^2 + 21^1 + 23^2 = 91 + 120 + 162 + 211 + 232$
$816 := 7^2 + 10^0 + 18^1 + 19^1 + 27^2 = 72 + 100 + 181 + 191 + 272$	$816 := 9^1 + 12^1 + 13^2 + 22^0 + 25^2 = 91 + 121 + 132 + 220 + 252$
$816 := 7^2 + 10^0 + 18^2 + 21^2 + 25^0 = 72 + 100 + 182 + 212 + 250$	$816 := 9^1 + 9^1 + 11^2 + 26^0 + 26^2 = 91 + 91 + 112 + 260 + 262$
$816 := 7^2 + 11^0 + 18^2 + 21^2 + 24^0 = 72 + 110 + 182 + 212 + 240$	

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$817 := 2^5 + 28^2 + 51^0 = 25 + 282 + 510$	$817 := 2^3 + 18^2 + 22^2 + 39^0 = 23 + 182 + 222 + 390$
$817 := 1^4 + 21^0 + 28^2 + 31^1 = 14 + 210 + 282 + 311$	$817 := 2^4 + 16^1 + 28^2 + 35^0 = 24 + 161 + 282 + 350$
$817 := 2^2 + 14^2 + 24^2 + 41^1 = 22 + 142 + 242 + 411$	$817 := 2^5 + 28^2 + 51^0 = 25 + 282 + 510$
$817 := 2^2 + 17^2 + 22^2 + 40^1 = 22 + 172 + 222 + 401$	$817 := 3^3 + 9^0 + 9^3 + 60^1 = 33 + 90 + 93 + 601$

$817 := 3^4 + 6^1 + 27^2 + 45^0$	$= 34 + 61 + 272 + 450$	$817 := 3^2 + 13^1 + 13^2 + 25^2 + 27^0$	$= 32 + 131 + 132 + 252 + 270$
$817 := 4^3 + 9^3 + 23^1 + 45^0$	$= 43 + 93 + 231 + 450$	$817 := 3^2 + 16^2 + 17^0 + 22^1 + 23^2$	$= 32 + 162 + 170 + 221 + 232$
$817 := 4^4 + 23^0 + 23^2 + 31^1$	$= 44 + 230 + 232 + 311$	$817 := 3^4 + 5^1 + 19^0 + 27^0 + 27^2$	$= 34 + 51 + 190 + 270 + 272$
$817 := 5^2 + 15^2 + 23^2 + 38^1$	$= 52 + 152 + 232 + 381$	$817 := 3^4 + 5^1 + 20^0 + 26^0 + 27^2$	$= 34 + 51 + 200 + 260 + 272$
$817 := 5^4 + 12^2 + 17^0 + 47^1$	$= 54 + 122 + 170 + 471$	$817 := 3^4 + 5^1 + 21^0 + 25^0 + 27^2$	$= 34 + 51 + 210 + 250 + 272$
$817 := 5^4 + 13^2 + 22^1 + 41^0$	$= 54 + 132 + 221 + 410$	$817 := 3^4 + 5^1 + 22^0 + 24^0 + 27^2$	$= 34 + 51 + 220 + 240 + 272$
$817 := 6^2 + 8^2 + 26^2 + 41^1$	$= 62 + 82 + 262 + 411$	$817 := 3^4 + 5^1 + 23^0 + 23^0 + 27^2$	$= 34 + 51 + 230 + 230 + 272$
$817 := 1^1 + 4^3 + 22^1 + 27^0 + 27^2$	$= 11 + 43 + 221 + 270 + 272$	$817 := 4^1 + 4^3 + 19^1 + 27^0 + 27^2$	$= 41 + 43 + 191 + 270 + 272$
$817 := 1^1 + 6^3 + 23^1 + 24^2 + 27^0$	$= 11 + 63 + 231 + 242 + 270$	$817 := 4^1 + 6^3 + 20^1 + 24^2 + 27^0$	$= 41 + 63 + 201 + 242 + 270$
$817 := 1^2 + 11^2 + 18^1 + 25^0 + 26^2$	$= 12 + 112 + 181 + 250 + 262$	$817 := 4^2 + 10^2 + 17^0 + 24^1 + 26^2$	$= 42 + 102 + 170 + 241 + 262$
$817 := 1^2 + 13^1 + 19^2 + 21^2 + 27^0$	$= 12 + 131 + 192 + 212 + 270$	$817 := 4^2 + 11^0 + 17^2 + 22^2 + 27^1$	$= 42 + 110 + 172 + 222 + 271$
$817 := 1^2 + 13^2 + 21^0 + 21^1 + 25^2$	$= 12 + 132 + 210 + 211 + 252$	$817 := 4^2 + 15^1 + 16^2 + 23^0 + 23^2$	$= 42 + 151 + 162 + 230 + 232$
$817 := 1^2 + 14^1 + 15^2 + 24^2 + 27^0$	$= 12 + 141 + 152 + 242 + 270$	$817 := 4^2 + 7^2 + 21^0 + 22^1 + 27^2$	$= 42 + 72 + 210 + 221 + 272$
$817 := 1^2 + 15^1 + 20^2 + 20^2 + 25^0$	$= 12 + 151 + 202 + 202 + 250$	$817 := 4^3 + 10^1 + 13^1 + 27^0 + 27^2$	$= 43 + 101 + 131 + 270 + 272$
$817 := 1^2 + 8^2 + 22^1 + 23^0 + 27^2$	$= 12 + 82 + 221 + 230 + 272$	$817 := 4^3 + 11^1 + 12^1 + 27^0 + 27^2$	$= 43 + 111 + 121 + 270 + 272$
$817 := 10^1 + 11^2 + 18^2 + 19^2 + 23^0$	$= 101 + 112 + 182 + 192 + 230$	$817 := 4^3 + 5^1 + 18^1 + 27^0 + 27^2$	$= 43 + 51 + 181 + 270 + 272$
$817 := 10^1 + 13^2 + 14^2 + 21^2 + 23^0$	$= 101 + 132 + 142 + 212 + 230$	$817 := 4^3 + 6^1 + 17^1 + 27^0 + 27^2$	$= 43 + 61 + 171 + 270 + 272$
$817 := 10^2 + 11^2 + 17^0 + 19^1 + 24^2$	$= 102 + 112 + 170 + 191 + 242$	$817 := 4^3 + 7^1 + 16^1 + 27^0 + 27^2$	$= 43 + 71 + 161 + 270 + 272$
$817 := 10^2 + 13^2 + 17^0 + 18^1 + 23^2$	$= 102 + 132 + 170 + 181 + 232$	$817 := 4^3 + 8^1 + 15^1 + 27^0 + 27^2$	$= 43 + 81 + 151 + 270 + 272$
$817 := 10^2 + 15^0 + 16^2 + 19^1 + 21^2$	$= 102 + 150 + 162 + 191 + 212$	$817 := 4^3 + 9^1 + 14^1 + 27^0 + 27^2$	$= 43 + 91 + 141 + 270 + 272$
$817 := 11^0 + 12^2 + 17^2 + 19^2 + 22^1$	$= 110 + 122 + 172 + 192 + 221$	$817 := 4^3 + 9^3 + 19^0 + 22^1 + 27^0$	$= 43 + 93 + 190 + 221 + 270$
$817 := 11^0 + 13^2 + 15^2 + 20^2 + 22^1$	$= 110 + 132 + 152 + 202 + 221$	$817 := 4^3 + 9^3 + 20^0 + 22^1 + 26^0$	$= 43 + 93 + 200 + 221 + 260$
$817 := 11^1 + 15^2 + 16^2 + 18^2 + 21^0$	$= 111 + 152 + 162 + 182 + 210$	$817 := 4^3 + 9^3 + 21^0 + 22^1 + 25^0$	$= 43 + 93 + 210 + 221 + 250$
$817 := 11^2 + 12^2 + 13^0 + 22^1 + 23^2$	$= 112 + 122 + 130 + 221 + 232$	$817 := 4^3 + 9^3 + 22^0 + 22^1 + 24^0$	$= 43 + 93 + 220 + 221 + 240$
$817 := 11^2 + 14^2 + 15^1 + 19^0 + 22^2$	$= 112 + 142 + 151 + 190 + 222$	$817 := 4^3 + 9^3 + 22^1 + 23^0 + 23^0$	$= 43 + 93 + 221 + 230 + 230$
$817 := 12^2 + 13^2 + 15^0 + 19^1 + 22^2$	$= 122 + 132 + 150 + 191 + 222$	$817 := 5^1 + 15^2 + 15^2 + 19^2 + 27^0$	$= 51 + 152 + 152 + 192 + 270$
$817 := 12^2 + 16^1 + 16^2 + 17^0 + 20^2$	$= 122 + 161 + 162 + 170 + 202$	$817 := 5^1 + 6^3 + 19^1 + 24^2 + 27^0$	$= 51 + 63 + 191 + 242 + 270$
$817 := 13^1 + 15^2 + 17^2 + 17^2 + 19^0$	$= 131 + 152 + 172 + 172 + 190$	$817 := 5^1 + 7^3 + 21^0 + 21^2 + 27^1$	$= 51 + 73 + 210 + 212 + 271$
$817 := 15^1 + 16^2 + 16^2 + 17^0 + 17^2$	$= 151 + 162 + 162 + 170 + 172$	$817 := 5^2 + 10^2 + 15^1 + 25^0 + 26^2$	$= 52 + 102 + 151 + 250 + 262$
$817 := 2^1 + 4^3 + 21^1 + 27^0 + 27^2$	$= 21 + 43 + 211 + 270 + 272$	$817 := 5^2 + 11^0 + 18^2 + 21^2 + 26^1$	$= 52 + 110 + 182 + 212 + 261$
$817 := 2^1 + 6^3 + 22^1 + 24^2 + 27^0$	$= 21 + 63 + 221 + 242 + 270$	$817 := 5^2 + 12^2 + 17^0 + 22^1 + 25^2$	$= 52 + 122 + 170 + 221 + 252$
$817 := 2^2 + 11^2 + 15^1 + 26^2 + 27^0$	$= 22 + 112 + 151 + 262 + 270$	$817 := 5^2 + 14^2 + 19^0 + 19^1 + 24^2$	$= 52 + 142 + 190 + 191 + 242$
$817 := 2^2 + 12^1 + 20^2 + 20^2 + 27^0$	$= 22 + 121 + 202 + 202 + 270$	$817 := 5^2 + 17^2 + 18^1 + 19^0 + 22^2$	$= 52 + 172 + 181 + 190 + 222$
$817 := 2^2 + 13^0 + 16^2 + 23^2 + 27^1$	$= 22 + 130 + 162 + 232 + 271$	$817 := 5^2 + 6^2 + 17^0 + 26^1 + 27^2$	$= 52 + 62 + 170 + 261 + 272$
$817 := 2^2 + 13^2 + 18^1 + 23^0 + 25^2$	$= 22 + 132 + 181 + 230 + 252$	$817 := 5^4 + 13^2 + 15^0 + 21^1 + 27^0$	$= 54 + 132 + 150 + 211 + 270$
$817 := 2^2 + 8^2 + 19^1 + 25^0 + 27^2$	$= 22 + 82 + 191 + 250 + 272$	$817 := 5^4 + 13^2 + 16^0 + 21^1 + 26^0$	$= 54 + 132 + 160 + 211 + 260$
$817 := 3^1 + 4^3 + 20^1 + 27^0 + 27^2$	$= 31 + 43 + 201 + 270 + 272$	$817 := 5^4 + 13^2 + 17^0 + 21^1 + 25^0$	$= 54 + 132 + 170 + 211 + 250$
$817 := 3^1 + 6^3 + 21^1 + 24^2 + 27^0$	$= 31 + 63 + 211 + 242 + 270$	$817 := 5^4 + 13^2 + 18^0 + 21^1 + 24^0$	$= 54 + 132 + 180 + 211 + 240$

$817 := 5^4 + 13^2 + 19^0 + 21^1 + 23^0 = 54 + 132 + 190 + 211 + 230$	$817 := 7^2 + 9^3 + 14^1 + 24^1 + 27^0 = 72 + 93 + 141 + 241 + 270$
$817 := 5^4 + 13^2 + 20^0 + 21^1 + 22^0 = 54 + 132 + 200 + 211 + 220$	$817 := 7^2 + 9^3 + 15^1 + 23^1 + 27^0 = 72 + 93 + 151 + 231 + 270$
$817 := 5^4 + 13^2 + 21^0 + 21^0 + 21^1 = 54 + 132 + 210 + 210 + 211$	$817 := 7^2 + 9^3 + 16^1 + 22^1 + 27^0 = 72 + 93 + 161 + 221 + 270$
$817 := 6^1 + 11^2 + 17^2 + 20^2 + 27^0 = 61 + 112 + 172 + 202 + 270$	$817 := 7^2 + 9^3 + 17^1 + 21^1 + 27^0 = 72 + 93 + 171 + 211 + 270$
$817 := 6^1 + 12^2 + 15^2 + 21^2 + 27^0 = 61 + 122 + 152 + 212 + 270$	$817 := 7^2 + 9^3 + 18^1 + 20^1 + 27^0 = 72 + 93 + 181 + 201 + 270$
$817 := 6^1 + 6^3 + 18^1 + 24^2 + 27^0 = 61 + 63 + 181 + 242 + 270$	$817 := 7^2 + 9^3 + 19^1 + 19^1 + 27^0 = 72 + 93 + 191 + 191 + 270$
$817 := 6^1 + 7^3 + 21^0 + 21^2 + 26^1 = 61 + 73 + 210 + 212 + 261$	$817 := 7^3 + 10^1 + 21^0 + 21^2 + 22^1 = 73 + 101 + 210 + 212 + 221$
$817 := 6^2 + 11^0 + 15^2 + 23^2 + 26^1 = 62 + 110 + 152 + 232 + 261$	$817 := 7^3 + 11^1 + 21^0 + 21^1 + 21^2 = 73 + 111 + 210 + 211 + 212$
$817 := 6^2 + 11^1 + 12^2 + 25^2 + 27^0 = 62 + 111 + 122 + 252 + 270$	$817 := 7^3 + 12^1 + 20^1 + 21^0 + 21^2 = 73 + 121 + 201 + 210 + 212$
$817 := 6^2 + 15^1 + 18^2 + 21^0 + 21^2 = 62 + 151 + 182 + 210 + 212$	$817 := 7^3 + 13^1 + 19^1 + 21^0 + 21^2 = 73 + 131 + 191 + 210 + 212$
$817 := 6^2 + 17^0 + 19^1 + 19^2 + 20^2 = 62 + 170 + 191 + 192 + 202$	$817 := 7^3 + 14^1 + 18^1 + 21^0 + 21^2 = 73 + 141 + 181 + 210 + 212$
$817 := 6^2 + 6^2 + 15^1 + 27^0 + 27^2 = 62 + 62 + 151 + 270 + 272$	$817 := 7^3 + 15^1 + 17^1 + 21^0 + 21^2 = 73 + 151 + 171 + 210 + 212$
$817 := 6^2 + 9^2 + 17^0 + 23^1 + 26^2 = 62 + 92 + 170 + 231 + 262$	$817 := 7^3 + 16^1 + 16^1 + 21^0 + 21^2 = 73 + 161 + 161 + 210 + 212$
$817 := 6^2 + 9^3 + 15^0 + 24^1 + 27^1 = 62 + 93 + 150 + 241 + 271$	$817 := 7^3 + 8^1 + 21^0 + 21^2 + 24^1 = 73 + 81 + 210 + 212 + 241$
$817 := 6^2 + 9^3 + 15^0 + 25^1 + 26^1 = 62 + 93 + 150 + 251 + 261$	$817 := 7^3 + 9^1 + 21^0 + 21^2 + 23^1 = 73 + 91 + 210 + 212 + 231$
$817 := 6^3 + 10^1 + 14^1 + 24^2 + 27^0 = 63 + 101 + 141 + 242 + 270$	$817 := 8^2 + 10^2 + 11^0 + 25^2 + 27^1 = 82 + 102 + 110 + 252 + 271$
$817 := 6^3 + 11^1 + 13^1 + 24^2 + 27^0 = 63 + 111 + 131 + 242 + 270$	$817 := 8^2 + 12^1 + 16^2 + 22^2 + 23^0 = 82 + 121 + 162 + 222 + 230$
$817 := 6^3 + 12^1 + 12^1 + 24^2 + 27^0 = 63 + 121 + 121 + 242 + 270$	$817 := 8^2 + 13^0 + 17^2 + 21^2 + 22^1 = 82 + 130 + 172 + 212 + 221$
$817 := 6^3 + 7^1 + 17^1 + 24^2 + 27^0 = 63 + 71 + 171 + 242 + 270$	$817 := 8^2 + 8^2 + 12^1 + 26^2 + 27^0 = 82 + 82 + 121 + 262 + 270$
$817 := 6^3 + 8^1 + 16^1 + 24^2 + 27^0 = 63 + 81 + 161 + 242 + 270$	$817 := 8^2 + 9^0 + 14^2 + 23^2 + 27^1 = 82 + 90 + 142 + 232 + 271$
$817 := 6^3 + 9^1 + 15^1 + 24^2 + 27^0 = 63 + 91 + 151 + 242 + 270$	$817 := 8^3 + 9^0 + 16^2 + 21^1 + 27^1 = 83 + 90 + 162 + 211 + 271$
$817 := 7^0 + 10^2 + 17^2 + 20^2 + 27^1 = 70 + 102 + 172 + 202 + 271$	$817 := 8^3 + 9^0 + 16^2 + 22^1 + 26^1 = 83 + 90 + 162 + 221 + 261$
$817 := 7^1 + 10^2 + 15^2 + 22^2 + 27^0 = 71 + 102 + 152 + 222 + 270$	$817 := 8^3 + 9^0 + 16^2 + 23^1 + 25^1 = 83 + 90 + 162 + 231 + 251$
$817 := 7^1 + 14^2 + 17^2 + 18^2 + 25^0 = 71 + 142 + 172 + 182 + 250$	$817 := 8^3 + 9^0 + 16^2 + 24^1 + 24^1 = 83 + 90 + 162 + 241 + 241$
$817 := 7^1 + 7^3 + 21^0 + 21^2 + 25^1 = 71 + 73 + 210 + 212 + 251$	$817 := 9^0 + 12^2 + 18^2 + 18^2 + 24^1 = 90 + 122 + 182 + 182 + 241$
$817 := 7^2 + 11^2 + 17^0 + 21^1 + 25^2 = 72 + 112 + 170 + 211 + 252$	$817 := 9^0 + 14^2 + 14^2 + 20^2 + 24^1 = 90 + 142 + 142 + 202 + 241$
$817 := 7^2 + 13^1 + 15^2 + 23^0 + 23^2 = 72 + 131 + 152 + 230 + 232$	$817 := 9^0 + 9^2 + 15^2 + 22^2 + 26^1 = 90 + 92 + 152 + 222 + 261$
$817 := 7^2 + 13^2 + 15^0 + 22^1 + 24^2 = 72 + 132 + 150 + 221 + 242$	$817 := 9^2 + 10^1 + 10^2 + 25^2 + 27^0 = 92 + 101 + 102 + 252 + 270$
$817 := 7^2 + 8^2 + 13^0 + 26^2 + 27^1 = 72 + 82 + 130 + 262 + 271$	$817 := 9^2 + 10^1 + 14^2 + 23^2 + 25^0 = 92 + 101 + 142 + 232 + 250$
$817 := 7^2 + 9^0 + 16^2 + 22^2 + 27^1 = 72 + 90 + 162 + 222 + 271$	$817 := 9^2 + 11^1 + 18^2 + 20^2 + 23^0 = 92 + 111 + 182 + 202 + 230$
$817 := 7^2 + 9^3 + 11^1 + 27^0 + 27^1 = 72 + 93 + 111 + 270 + 271$	$817 := 9^2 + 12^2 + 15^1 + 21^0 + 24^2 = 92 + 122 + 151 + 210 + 242$
$817 := 7^2 + 9^3 + 12^1 + 26^1 + 27^0 = 72 + 93 + 121 + 261 + 270$	$817 := 9^2 + 13^1 + 19^2 + 19^2 + 21^0 = 92 + 131 + 192 + 192 + 210$
$817 := 7^2 + 9^3 + 13^1 + 25^1 + 27^0 = 72 + 93 + 131 + 251 + 270$	

2.2.719 Number 818

$818 := 1^1 + 2^5 + 28^2 + 50^0 = 11 + 25 + 282 + 500$	$818 := 1^9 + 3^6 + 4^2 + 72^1 = 19 + 36 + 42 + 721$
$818 := 1^5 + 20^0 + 28^2 + 32^1 = 15 + 200 + 282 + 321$	$818 := 2^4 + 15^2 + 24^2 + 40^0 = 24 + 152 + 242 + 400$

$$\begin{aligned}
 818 &:= 2^8 + 2^9 + 27^0 + 49^1 &= 28 + 29 + 270 + 491 & 818 &:= 4^3 + 16^0 + 17^2 + 21^2 + 23^1 &= 43 + 160 + 172 + 212 + 231 \\
 818 &:= 3^4 + 7^1 + 9^3 + 62^0 &= 34 + 71 + 93 + 620 & 818 &:= 4^4 + 10^1 + 22^0 + 22^1 + 23^2 &= 44 + 101 + 220 + 221 + 232 \\
 818 &:= 3^5 + 10^0 + 23^2 + 45^1 &= 35 + 100 + 232 + 451 & 818 &:= 4^4 + 11^1 + 21^1 + 22^0 + 23^2 &= 44 + 111 + 211 + 220 + 232 \\
 818 &:= 4^0 + 5^3 + 5^4 + 67^1 &= 40 + 53 + 54 + 671 & 818 &:= 4^4 + 12^1 + 20^1 + 22^0 + 23^2 &= 44 + 121 + 201 + 220 + 232 \\
 818 &:= 4^4 + 8^3 + 20^0 + 49^1 &= 44 + 83 + 200 + 491 & 818 &:= 4^4 + 13^1 + 19^1 + 22^0 + 23^2 &= 44 + 131 + 191 + 220 + 232 \\
 818 &:= 1^2 + 4^3 + 23^1 + 26^0 + 27^2 &= 12 + 43 + 231 + 260 + 272 & 818 &:= 4^4 + 14^1 + 18^1 + 22^0 + 23^2 &= 44 + 141 + 181 + 220 + 232 \\
 818 &:= 1^2 + 6^3 + 24^1 + 24^2 + 26^0 &= 12 + 63 + 241 + 242 + 260 & 818 &:= 4^4 + 15^1 + 17^1 + 22^0 + 23^2 &= 44 + 151 + 171 + 220 + 232 \\
 818 &:= 1^3 + 11^2 + 19^1 + 24^0 + 26^2 &= 13 + 112 + 191 + 240 + 262 & 818 &:= 4^4 + 16^1 + 16^1 + 22^0 + 23^2 &= 44 + 161 + 161 + 220 + 232 \\
 818 &:= 1^3 + 13^2 + 20^0 + 22^1 + 25^2 &= 13 + 132 + 200 + 221 + 252 & 818 &:= 4^4 + 5^1 + 22^0 + 23^2 + 27^1 &= 44 + 51 + 220 + 232 + 271 \\
 818 &:= 1^3 + 14^1 + 19^2 + 21^2 + 26^0 &= 13 + 141 + 192 + 212 + 260 & 818 &:= 4^4 + 6^1 + 22^0 + 23^2 + 26^1 &= 44 + 61 + 220 + 232 + 261 \\
 818 &:= 1^3 + 15^1 + 15^2 + 24^2 + 26^0 &= 13 + 151 + 152 + 242 + 260 & 818 &:= 4^4 + 7^1 + 22^0 + 23^2 + 25^1 &= 44 + 71 + 220 + 232 + 251 \\
 818 &:= 1^3 + 16^1 + 20^2 + 20^2 + 24^0 &= 13 + 161 + 202 + 202 + 240 & 818 &:= 4^4 + 8^1 + 22^0 + 23^2 + 24^1 &= 44 + 81 + 220 + 232 + 241 \\
 818 &:= 1^3 + 8^2 + 22^0 + 23^1 + 27^2 &= 13 + 82 + 220 + 231 + 272 & 818 &:= 4^4 + 9^1 + 22^0 + 23^1 + 23^2 &= 44 + 91 + 220 + 231 + 232 \\
 818 &:= 1^9 + 2^6 + 23^1 + 27^0 + 27^2 &= 19 + 26 + 231 + 270 + 272 & 818 &:= 5^3 + 10^2 + 16^1 + 24^2 + 26^0 &= 53 + 102 + 161 + 242 + 260 \\
 818 &:= 10^2 + 10^2 + 16^2 + 19^2 + 26^0 &= 102 + 102 + 162 + 192 + 260 & 818 &:= 5^3 + 12^2 + 19^1 + 22^0 + 23^2 &= 53 + 122 + 191 + 220 + 232 \\
 818 &:= 10^2 + 11^2 + 14^2 + 20^2 + 26^0 &= 102 + 112 + 142 + 202 + 260 & 818 &:= 5^3 + 14^0 + 15^2 + 21^2 + 26^1 &= 53 + 140 + 152 + 212 + 261 \\
 818 &:= 13^2 + 14^2 + 14^2 + 16^2 + 24^0 &= 132 + 142 + 142 + 162 + 240 & 818 &:= 5^3 + 7^2 + 18^1 + 25^2 + 26^0 &= 53 + 72 + 181 + 252 + 260 \\
 818 &:= 2^3 + 13^2 + 15^1 + 25^2 + 26^0 &= 23 + 132 + 151 + 252 + 260 & 818 &:= 5^4 + 12^2 + 16^0 + 21^1 + 27^1 &= 54 + 122 + 160 + 211 + 271 \\
 818 &:= 2^3 + 16^0 + 16^2 + 23^2 + 24^1 &= 23 + 160 + 162 + 232 + 241 & 818 &:= 5^4 + 12^2 + 16^0 + 22^1 + 26^1 &= 54 + 122 + 160 + 221 + 261 \\
 818 &:= 2^4 + 12^0 + 20^2 + 20^2 + 27^0 &= 24 + 120 + 202 + 202 + 270 & 818 &:= 5^4 + 12^2 + 16^0 + 23^1 + 25^1 &= 54 + 122 + 160 + 231 + 251 \\
 818 &:= 2^4 + 13^0 + 20^2 + 20^2 + 26^0 &= 24 + 130 + 202 + 202 + 260 & 818 &:= 5^4 + 12^2 + 16^0 + 24^1 + 24^1 &= 54 + 122 + 160 + 241 + 241 \\
 818 &:= 2^4 + 14^0 + 20^2 + 20^2 + 25^0 &= 24 + 140 + 202 + 202 + 250 & 818 &:= 6^3 + 10^2 + 17^1 + 22^2 + 26^0 &= 63 + 102 + 171 + 222 + 260 \\
 818 &:= 2^4 + 15^0 + 20^2 + 20^2 + 24^0 &= 24 + 150 + 202 + 202 + 240 & 818 &:= 6^3 + 12^2 + 16^1 + 21^2 + 26^0 &= 63 + 122 + 161 + 212 + 260 \\
 818 &:= 2^4 + 16^0 + 20^2 + 20^2 + 23^0 &= 24 + 160 + 202 + 202 + 230 & 818 &:= 6^3 + 15^1 + 15^2 + 19^2 + 26^0 &= 63 + 151 + 152 + 192 + 260 \\
 818 &:= 2^4 + 17^0 + 20^2 + 20^2 + 22^0 &= 24 + 170 + 202 + 202 + 220 & 818 &:= 6^3 + 16^2 + 18^2 + 20^0 + 21^1 &= 63 + 162 + 182 + 200 + 211 \\
 818 &:= 2^4 + 18^0 + 20^2 + 20^2 + 21^0 &= 24 + 180 + 202 + 202 + 210 & 818 &:= 6^3 + 17^2 + 17^2 + 18^0 + 23^1 &= 63 + 172 + 172 + 180 + 231 \\
 818 &:= 2^4 + 19^0 + 20^0 + 20^2 + 20^2 &= 24 + 190 + 200 + 202 + 202 & 818 &:= 6^3 + 7^2 + 22^0 + 23^1 + 23^2 &= 63 + 72 + 220 + 231 + 232 \\
 818 &:= 3^2 + 7^3 + 21^2 + 24^1 + 26^0 &= 32 + 73 + 212 + 241 + 260 & 818 &:= 7^2 + 16^2 + 16^2 + 16^2 + 26^0 &= 72 + 162 + 162 + 162 + 260 \\
 818 &:= 3^3 + 12^2 + 20^0 + 21^1 + 25^2 &= 33 + 122 + 200 + 211 + 252 & 818 &:= 7^2 + 7^3 + 20^2 + 22^0 + 25^1 &= 72 + 73 + 202 + 220 + 251 \\
 818 &:= 3^3 + 14^0 + 18^2 + 21^2 + 25^1 &= 33 + 140 + 182 + 212 + 251 & 818 &:= 7^3 + 14^2 + 16^2 + 22^0 + 22^1 &= 73 + 142 + 162 + 220 + 221 \\
 818 &:= 3^3 + 14^2 + 18^1 + 22^0 + 24^2 &= 33 + 142 + 181 + 220 + 242 & 818 &:= 7^3 + 15^2 + 15^2 + 20^0 + 24^1 &= 73 + 152 + 152 + 200 + 241 \\
 818 &:= 3^3 + 17^1 + 17^2 + 22^0 + 22^2 &= 33 + 171 + 172 + 220 + 222 & 818 &:= 8^2 + 14^2 + 14^2 + 19^2 + 26^0 &= 82 + 142 + 142 + 192 + 260 \\
 818 &:= 3^3 + 6^2 + 20^0 + 25^1 + 27^2 &= 33 + 62 + 200 + 251 + 272 & & & \\
 818 &:= 4^3 + 13^1 + 16^2 + 22^2 + 26^0 &= 43 + 131 + 162 + 222 + 260 & & &
 \end{aligned}$$

2.2.720 Number 819

$819 := 3^6 + 4^2 + 74^1$	$= 36 + 42 + 741$	$819 := 2^3 + 6^2 + 19^1 + 27^1 + 27^2$	$= 23 + 62 + 191 + 271 + 272$
$819 := 1^0 + 3^6 + 4^2 + 73^1$	$= 10 + 36 + 42 + 731$	$819 := 2^3 + 6^2 + 20^1 + 26^1 + 27^2$	$= 23 + 62 + 201 + 261 + 272$
$819 := 1^6 + 19^0 + 28^2 + 33^1$	$= 16 + 190 + 282 + 331$	$819 := 2^3 + 6^2 + 21^1 + 25^1 + 27^2$	$= 23 + 62 + 211 + 251 + 272$
$819 := 2^3 + 3^4 + 27^2 + 49^0$	$= 23 + 34 + 272 + 490$	$819 := 2^3 + 6^2 + 22^1 + 24^1 + 27^2$	$= 23 + 62 + 221 + 241 + 272$
$819 := 2^3 + 4^2 + 9^3 + 66^1$	$= 23 + 42 + 93 + 661$	$819 := 2^3 + 6^2 + 23^1 + 23^1 + 27^2$	$= 23 + 62 + 231 + 231 + 272$
$819 := 2^5 + 9^3 + 13^0 + 57^1$	$= 25 + 93 + 130 + 571$	$819 := 2^3 + 7^3 + 21^2 + 25^0 + 26^1$	$= 23 + 73 + 212 + 250 + 261$
$819 := 2^6 + 25^1 + 27^0 + 27^2$	$= 26 + 251 + 270 + 272$	$819 := 2^4 + 10^2 + 17^0 + 26^1 + 26^2$	$= 24 + 102 + 170 + 261 + 262$
$819 := 3^3 + 8^3 + 15^2 + 55^1$	$= 33 + 83 + 152 + 551$	$819 := 2^4 + 16^2 + 17^1 + 23^0 + 23^2$	$= 24 + 162 + 171 + 230 + 232$
$819 := 3^4 + 16^2 + 21^2 + 41^1$	$= 34 + 162 + 212 + 411$	$819 := 2^4 + 5^3 + 21^0 + 26^2 + 27^0$	$= 24 + 53 + 210 + 262 + 270$
$819 := 3^4 + 8^3 + 15^2 + 55^0$	$= 34 + 83 + 152 + 550$	$819 := 2^4 + 5^3 + 22^0 + 26^0 + 26^2$	$= 24 + 53 + 220 + 260 + 262$
$819 := 3^5 + 7^0 + 8^3 + 63^1$	$= 35 + 70 + 83 + 631$	$819 := 2^4 + 5^3 + 23^0 + 25^0 + 26^2$	$= 24 + 53 + 230 + 250 + 262$
$819 := 3^6 + 4^2 + 74^1$	$= 36 + 42 + 741$	$819 := 2^4 + 5^3 + 24^0 + 24^0 + 26^2$	$= 24 + 53 + 240 + 240 + 262$
$819 := 3^6 + 5^2 + 9^0 + 64^1$	$= 36 + 52 + 90 + 641$	$819 := 2^4 + 7^2 + 21^0 + 24^1 + 27^2$	$= 24 + 72 + 210 + 241 + 272$
$819 := 3^6 + 6^2 + 19^0 + 53^1$	$= 36 + 62 + 190 + 531$	$819 := 2^4 + 8^3 + 17^2 + 27^0 + 27^0$	$= 24 + 83 + 172 + 270 + 270$
$819 := 3^6 + 7^2 + 31^0 + 40^1$	$= 36 + 72 + 310 + 401$	$819 := 2^5 + 13^0 + 16^2 + 23^2 + 27^0$	$= 25 + 130 + 162 + 232 + 270$
$819 := 3^6 + 8^1 + 9^2 + 61^0$	$= 36 + 81 + 92 + 610$	$819 := 2^5 + 14^0 + 16^2 + 23^2 + 26^0$	$= 25 + 140 + 162 + 232 + 260$
$819 := 3^6 + 8^2 + 25^1 + 45^0$	$= 36 + 82 + 251 + 450$	$819 := 2^5 + 15^0 + 16^2 + 23^2 + 25^0$	$= 25 + 150 + 162 + 232 + 250$
$819 := 4^3 + 7^3 + 19^2 + 51^1$	$= 43 + 73 + 192 + 511$	$819 := 2^5 + 16^0 + 16^2 + 23^2 + 24^0$	$= 25 + 160 + 162 + 232 + 240$
$819 := 1^0 + 2^6 + 24^1 + 27^0 + 27^2$	$= 10 + 26 + 241 + 270 + 272$	$819 := 2^5 + 16^2 + 17^0 + 23^0 + 23^2$	$= 25 + 162 + 170 + 230 + 232$
$819 := 1^3 + 4^3 + 24^1 + 25^0 + 27^2$	$= 13 + 43 + 241 + 250 + 272$	$819 := 2^5 + 16^2 + 18^0 + 22^0 + 23^2$	$= 25 + 162 + 180 + 220 + 232$
$819 := 1^3 + 6^3 + 24^2 + 25^0 + 25^1$	$= 13 + 63 + 242 + 250 + 251$	$819 := 2^5 + 16^2 + 19^0 + 21^0 + 23^2$	$= 25 + 162 + 190 + 210 + 232$
$819 := 1^4 + 11^2 + 20^1 + 23^0 + 26^2$	$= 14 + 112 + 201 + 230 + 262$	$819 := 2^5 + 16^2 + 20^0 + 20^0 + 23^2$	$= 25 + 162 + 200 + 200 + 232$
$819 := 1^4 + 13^2 + 19^0 + 23^1 + 25^2$	$= 14 + 132 + 190 + 231 + 252$	$819 := 2^6 + 10^0 + 18^0 + 24^1 + 27^2$	$= 26 + 100 + 180 + 241 + 272$
$819 := 1^4 + 15^1 + 19^2 + 21^2 + 25^0$	$= 14 + 151 + 192 + 212 + 250$	$819 := 2^6 + 11^0 + 17^0 + 24^1 + 27^2$	$= 26 + 110 + 170 + 241 + 272$
$819 := 1^4 + 15^2 + 16^1 + 24^2 + 25^0$	$= 14 + 152 + 161 + 242 + 250$	$819 := 2^6 + 12^0 + 16^0 + 24^1 + 27^2$	$= 26 + 120 + 160 + 241 + 272$
$819 := 1^4 + 17^1 + 20^2 + 20^2 + 23^0$	$= 14 + 171 + 202 + 202 + 230$	$819 := 2^6 + 13^0 + 15^0 + 24^1 + 27^2$	$= 26 + 130 + 150 + 241 + 272$
$819 := 1^4 + 8^2 + 21^0 + 24^1 + 27^2$	$= 14 + 82 + 210 + 241 + 272$	$819 := 2^6 + 14^0 + 14^0 + 24^1 + 27^2$	$= 26 + 140 + 140 + 241 + 272$
$819 := 10^2 + 12^2 + 15^2 + 18^2 + 26^1$	$= 102 + 122 + 152 + 182 + 261$	$819 := 2^6 + 3^0 + 24^1 + 25^0 + 27^2$	$= 26 + 30 + 241 + 250 + 272$
$819 := 12^2 + 12^2 + 12^2 + 19^2 + 26^1$	$= 122 + 122 + 122 + 192 + 261$	$819 := 2^6 + 4^0 + 24^0 + 24^1 + 27^2$	$= 26 + 40 + 240 + 241 + 272$
$819 := 12^2 + 13^2 + 15^2 + 16^2 + 25^1$	$= 122 + 132 + 152 + 162 + 251$	$819 := 2^6 + 5^0 + 23^0 + 24^1 + 27^2$	$= 26 + 50 + 230 + 241 + 272$
$819 := 2^0 + 2^6 + 24^1 + 26^0 + 27^2$	$= 20 + 26 + 241 + 260 + 272$	$819 := 2^6 + 6^0 + 22^0 + 24^1 + 27^2$	$= 26 + 60 + 220 + 241 + 272$
$819 := 2^3 + 12^2 + 15^1 + 25^2 + 27^1$	$= 23 + 122 + 151 + 252 + 271$	$819 := 2^6 + 7^0 + 21^0 + 24^1 + 27^2$	$= 26 + 70 + 210 + 241 + 272$
$819 := 2^3 + 12^2 + 16^1 + 25^2 + 26^1$	$= 23 + 122 + 161 + 252 + 261$	$819 := 2^6 + 8^0 + 20^0 + 24^1 + 27^2$	$= 26 + 80 + 200 + 241 + 272$
$819 := 2^3 + 12^2 + 17^1 + 25^1 + 25^2$	$= 23 + 122 + 171 + 251 + 252$	$819 := 2^6 + 9^0 + 19^0 + 24^1 + 27^2$	$= 26 + 90 + 190 + 241 + 272$
$819 := 2^3 + 12^2 + 18^1 + 24^1 + 25^2$	$= 23 + 122 + 181 + 241 + 252$	$819 := 2^8 + 2^9 + 23^1 + 26^0 + 27^1$	$= 28 + 29 + 231 + 260 + 271$
$819 := 2^3 + 12^2 + 19^1 + 23^1 + 25^2$	$= 23 + 122 + 191 + 231 + 252$	$819 := 2^8 + 2^9 + 24^1 + 26^0 + 26^1$	$= 28 + 29 + 241 + 260 + 261$
$819 := 2^3 + 12^2 + 20^1 + 22^1 + 25^2$	$= 23 + 122 + 201 + 221 + 252$	$819 := 2^8 + 2^9 + 25^1 + 25^1 + 26^0$	$= 28 + 29 + 251 + 251 + 260$
$819 := 2^3 + 12^2 + 21^1 + 21^1 + 25^2$	$= 23 + 122 + 211 + 211 + 252$	$819 := 3^2 + 4^4 + 23^2 + 24^1 + 27^0$	$= 32 + 44 + 232 + 241 + 270$

$$\begin{aligned}
 819 &:= 3^3 + 4^2 + 20^1 + 27^1 + 27^2 = 33 + 42 + 201 + 271 + 272 \\
 819 &:= 3^3 + 4^2 + 21^1 + 26^1 + 27^2 = 33 + 42 + 211 + 261 + 272 \\
 819 &:= 3^3 + 4^2 + 22^1 + 25^1 + 27^2 = 33 + 42 + 221 + 251 + 272 \\
 819 &:= 3^3 + 4^2 + 23^1 + 24^1 + 27^2 = 33 + 42 + 231 + 241 + 272 \\
 819 &:= 3^4 + 12^2 + 17^1 + 24^2 + 25^0 = 34 + 122 + 171 + 242 + 250 \\
 819 &:= 3^4 + 13^1 + 18^2 + 20^2 + 27^0 = 34 + 131 + 182 + 202 + 270 \\
 819 &:= 3^4 + 15^1 + 19^2 + 19^2 + 25^0 = 34 + 151 + 192 + 192 + 250 \\
 819 &:= 3^4 + 6^2 + 21^0 + 25^1 + 26^2 = 34 + 62 + 210 + 251 + 262 \\
 819 &:= 3^5 + 9^0 + 19^1 + 23^2 + 27^1 = 35 + 90 + 191 + 232 + 271 \\
 819 &:= 3^5 + 9^0 + 20^1 + 23^2 + 26^1 = 35 + 90 + 201 + 232 + 261 \\
 819 &:= 3^5 + 9^0 + 21^1 + 23^2 + 25^1 = 35 + 90 + 211 + 232 + 251 \\
 819 &:= 3^5 + 9^0 + 22^1 + 23^2 + 24^1 = 35 + 90 + 221 + 232 + 241 \\
 819 &:= 3^5 + 9^0 + 23^1 + 23^1 + 23^2 = 35 + 90 + 231 + 231 + 232 \\
 819 &:= 3^6 + 8^2 + 19^0 + 24^1 + 27^0 = 36 + 82 + 190 + 241 + 270 \\
 819 &:= 3^6 + 8^2 + 20^0 + 24^1 + 26^0 = 36 + 82 + 200 + 241 + 260 \\
 819 &:= 3^6 + 8^2 + 21^0 + 24^1 + 25^0 = 36 + 82 + 210 + 241 + 250 \\
 819 &:= 3^6 + 8^2 + 22^0 + 24^0 + 24^1 = 36 + 82 + 220 + 240 + 241
 \end{aligned}$$

$$\begin{aligned}
 819 &:= 3^6 + 8^2 + 23^0 + 23^0 + 24^1 = 36 + 82 + 230 + 230 + 241 \\
 819 &:= 4^4 + 10^2 + 21^1 + 21^2 + 25^0 = 44 + 102 + 211 + 212 + 250 \\
 819 &:= 4^4 + 12^2 + 18^1 + 20^2 + 27^0 = 44 + 122 + 181 + 202 + 270 \\
 819 &:= 4^4 + 16^2 + 17^1 + 17^2 + 27^0 = 44 + 162 + 171 + 172 + 270 \\
 819 &:= 4^4 + 8^3 + 19^0 + 23^1 + 27^1 = 44 + 83 + 190 + 231 + 271 \\
 819 &:= 4^4 + 8^3 + 19^0 + 24^1 + 26^1 = 44 + 83 + 190 + 241 + 261 \\
 819 &:= 4^4 + 8^3 + 19^0 + 25^1 + 25^1 = 44 + 83 + 190 + 251 + 251 \\
 819 &:= 5^3 + 13^2 + 14^1 + 22^2 + 27^1 = 53 + 132 + 141 + 222 + 271 \\
 819 &:= 5^3 + 13^2 + 15^1 + 22^2 + 26^1 = 53 + 132 + 151 + 222 + 261 \\
 819 &:= 5^3 + 13^2 + 16^1 + 22^2 + 25^1 = 53 + 132 + 161 + 222 + 251 \\
 819 &:= 5^3 + 13^2 + 17^1 + 22^2 + 24^1 = 53 + 132 + 171 + 222 + 241 \\
 819 &:= 5^3 + 13^2 + 18^1 + 22^2 + 23^1 = 53 + 132 + 181 + 222 + 231 \\
 819 &:= 5^3 + 13^2 + 19^1 + 22^1 + 22^2 = 53 + 132 + 191 + 221 + 222 \\
 819 &:= 5^3 + 13^2 + 20^1 + 21^1 + 22^2 = 53 + 132 + 201 + 211 + 222 \\
 819 &:= 5^3 + 7^3 + 18^2 + 25^0 + 26^1 = 53 + 73 + 182 + 250 + 261 \\
 819 &:= 6^3 + 6^3 + 19^2 + 25^0 + 25^1 = 63 + 63 + 192 + 250 + 251
 \end{aligned}$$

2.2.721 Number 820

$$\begin{aligned}
 820 &:= 1^6 + 17^2 + 23^2 + 40^0 = 16 + 172 + 232 + 400 \\
 820 &:= 1^7 + 18^0 + 28^2 + 34^1 = 17 + 180 + 282 + 341 \\
 820 &:= 1^9 + 2^4 + 3^6 + 74^1 = 19 + 24 + 36 + 741 \\
 820 &:= 2^6 + 2^9 + 3^5 + 73^0 = 26 + 29 + 35 + 730 \\
 820 &:= 2^6 + 9^3 + 26^1 + 44^0 = 26 + 93 + 261 + 440 \\
 820 &:= 2^7 + 15^1 + 26^2 + 38^0 = 27 + 151 + 262 + 380 \\
 820 &:= 3^2 + 3^6 + 9^2 + 66^0 = 32 + 36 + 92 + 660 \\
 820 &:= 3^3 + 3^6 + 12^0 + 63^1 = 33 + 36 + 120 + 631 \\
 820 &:= 3^5 + 8^2 + 8^3 + 62^0 = 35 + 82 + 83 + 620 \\
 820 &:= 3^6 + 4^3 + 26^1 + 48^0 = 36 + 43 + 261 + 480 \\
 820 &:= 1^1 + 2^6 + 25^1 + 26^0 + 27^2 = 11 + 26 + 251 + 260 + 272 \\
 820 &:= 1^4 + 4^3 + 24^0 + 25^1 + 27^2 = 14 + 43 + 240 + 251 + 272 \\
 820 &:= 1^4 + 6^3 + 24^0 + 24^2 + 26^1 = 14 + 63 + 240 + 242 + 261 \\
 820 &:= 1^5 + 11^2 + 21^1 + 22^0 + 26^2 = 15 + 112 + 211 + 220 + 262 \\
 820 &:= 1^5 + 13^2 + 18^0 + 24^1 + 25^2 = 15 + 132 + 180 + 241 + 252 \\
 820 &:= 1^5 + 15^2 + 17^1 + 24^0 + 24^2 = 15 + 152 + 171 + 240 + 242 \\
 820 &:= 1^5 + 16^1 + 19^2 + 21^2 + 24^0 = 15 + 161 + 192 + 212 + 240 \\
 820 &:= 1^5 + 18^1 + 20^2 + 20^2 + 22^0 = 15 + 181 + 202 + 202 + 220
 \end{aligned}$$

$$\begin{aligned}
 820 &:= 1^5 + 8^2 + 20^0 + 25^1 + 27^2 = 15 + 82 + 200 + 251 + 272 \\
 820 &:= 2^1 + 2^6 + 24^1 + 26^0 + 27^2 = 21 + 26 + 241 + 260 + 272 \\
 820 &:= 2^3 + 4^4 + 23^2 + 26^0 + 26^1 = 23 + 44 + 232 + 260 + 261 \\
 820 &:= 2^5 + 12^2 + 18^1 + 24^0 + 25^2 = 25 + 122 + 181 + 240 + 252 \\
 820 &:= 2^5 + 14^0 + 19^2 + 20^2 + 26^1 = 25 + 140 + 192 + 202 + 261 \\
 820 &:= 2^5 + 14^1 + 17^2 + 22^2 + 26^0 = 25 + 141 + 172 + 222 + 260 \\
 820 &:= 2^5 + 14^2 + 15^1 + 24^2 + 26^0 = 25 + 142 + 151 + 242 + 260 \\
 820 &:= 2^5 + 18^0 + 18^2 + 21^2 + 22^1 = 25 + 180 + 182 + 212 + 221 \\
 820 &:= 2^5 + 6^2 + 22^1 + 24^0 + 27^2 = 25 + 62 + 221 + 240 + 272 \\
 820 &:= 2^6 + 10^1 + 16^1 + 26^0 + 27^2 = 26 + 101 + 161 + 260 + 272 \\
 820 &:= 2^6 + 11^1 + 15^1 + 26^0 + 27^2 = 26 + 111 + 151 + 260 + 272 \\
 820 &:= 2^6 + 12^1 + 14^1 + 26^0 + 27^2 = 26 + 121 + 141 + 260 + 272 \\
 820 &:= 2^6 + 13^1 + 13^1 + 26^0 + 27^2 = 26 + 131 + 131 + 260 + 272 \\
 820 &:= 2^6 + 14^0 + 15^2 + 23^2 + 27^0 = 26 + 140 + 152 + 232 + 270 \\
 820 &:= 2^6 + 15^0 + 15^2 + 23^2 + 26^0 = 26 + 150 + 152 + 232 + 260 \\
 820 &:= 2^6 + 15^2 + 16^0 + 23^2 + 25^0 = 26 + 152 + 160 + 232 + 250 \\
 820 &:= 2^6 + 15^2 + 17^0 + 23^2 + 24^0 = 26 + 152 + 170 + 232 + 240 \\
 820 &:= 2^6 + 15^2 + 18^0 + 23^0 + 23^2 = 26 + 152 + 180 + 230 + 232
 \end{aligned}$$

$$\begin{aligned}
 820 &:= 2^6 + 15^2 + 19^0 + 22^0 + 23^2 = 26 + 152 + 190 + 220 + 232 \\
 820 &:= 2^6 + 15^2 + 20^0 + 21^0 + 23^2 = 26 + 152 + 200 + 210 + 232 \\
 820 &:= 2^6 + 3^1 + 23^1 + 26^0 + 27^2 = 26 + 31 + 231 + 260 + 272 \\
 820 &:= 2^6 + 4^1 + 22^1 + 26^0 + 27^2 = 26 + 41 + 221 + 260 + 272 \\
 820 &:= 2^6 + 5^1 + 21^1 + 26^0 + 27^2 = 26 + 51 + 211 + 260 + 272 \\
 820 &:= 2^6 + 5^2 + 20^0 + 27^0 + 27^2 = 26 + 52 + 200 + 270 + 272 \\
 820 &:= 2^6 + 5^2 + 21^0 + 26^0 + 27^2 = 26 + 52 + 210 + 260 + 272 \\
 820 &:= 2^6 + 5^2 + 22^0 + 25^0 + 27^2 = 26 + 52 + 220 + 250 + 272 \\
 820 &:= 2^6 + 5^2 + 23^0 + 24^0 + 27^2 = 26 + 52 + 230 + 240 + 272 \\
 820 &:= 2^6 + 6^1 + 20^1 + 26^0 + 27^2 = 26 + 61 + 201 + 260 + 272 \\
 820 &:= 2^6 + 7^1 + 19^1 + 26^0 + 27^2 = 26 + 71 + 191 + 260 + 272 \\
 820 &:= 2^6 + 8^1 + 18^1 + 26^0 + 27^2 = 26 + 81 + 181 + 260 + 272 \\
 820 &:= 2^6 + 9^1 + 17^1 + 26^0 + 27^2 = 26 + 91 + 171 + 260 + 272 \\
 820 &:= 2^6 + 9^3 + 18^0 + 25^1 + 27^0 = 26 + 93 + 180 + 251 + 270 \\
 820 &:= 2^6 + 9^3 + 19^0 + 25^1 + 26^0 = 26 + 93 + 190 + 251 + 260 \\
 820 &:= 2^6 + 9^3 + 20^0 + 25^0 + 25^1 = 26 + 93 + 200 + 250 + 251 \\
 820 &:= 2^6 + 9^3 + 21^0 + 24^0 + 25^1 = 26 + 93 + 210 + 240 + 251
 \end{aligned}$$

$$\begin{aligned}
 820 &:= 2^6 + 9^3 + 22^0 + 23^0 + 25^1 = 26 + 93 + 220 + 230 + 251 \\
 820 &:= 2^7 + 12^0 + 14^1 + 26^2 + 27^0 = 27 + 120 + 141 + 262 + 270 \\
 820 &:= 2^7 + 13^0 + 14^1 + 26^0 + 26^2 = 27 + 130 + 141 + 260 + 262 \\
 820 &:= 2^7 + 14^0 + 14^1 + 25^0 + 26^2 = 27 + 140 + 141 + 250 + 262 \\
 820 &:= 2^7 + 14^1 + 15^0 + 24^0 + 26^2 = 27 + 141 + 150 + 240 + 262 \\
 820 &:= 2^7 + 14^1 + 16^0 + 23^0 + 26^2 = 27 + 141 + 160 + 230 + 262 \\
 820 &:= 2^7 + 14^1 + 17^0 + 22^0 + 26^2 = 27 + 141 + 170 + 220 + 262 \\
 820 &:= 2^7 + 14^1 + 18^0 + 21^0 + 26^2 = 27 + 141 + 180 + 210 + 262 \\
 820 &:= 2^7 + 14^1 + 19^0 + 20^0 + 26^2 = 27 + 141 + 190 + 200 + 262 \\
 820 &:= 3^5 + 14^2 + 19^1 + 19^2 + 26^0 = 35 + 142 + 191 + 192 + 260 \\
 820 &:= 3^5 + 15^2 + 18^0 + 18^2 + 27^1 = 35 + 152 + 180 + 182 + 271 \\
 820 &:= 3^6 + 4^3 + 22^0 + 25^1 + 27^0 = 36 + 43 + 220 + 251 + 270 \\
 820 &:= 3^6 + 4^3 + 23^0 + 25^1 + 26^0 = 36 + 43 + 230 + 251 + 260 \\
 820 &:= 3^6 + 4^3 + 24^0 + 25^0 + 25^1 = 36 + 43 + 240 + 250 + 251 \\
 820 &:= 3^6 + 6^2 + 18^0 + 27^1 + 27^1 = 36 + 62 + 180 + 271 + 271
 \end{aligned}$$

2.2.722 Number 821

$$\begin{aligned}
 821 &:= 2^4 + 3^6 + 76^1 = 24 + 36 + 761 \\
 821 &:= 1^0 + 2^4 + 3^6 + 75^1 = 10 + 24 + 36 + 751 \\
 821 &:= 1^3 + 5^3 + 5^4 + 70^1 = 13 + 53 + 54 + 701 \\
 821 &:= 1^4 + 3^5 + 24^2 + 53^0 = 14 + 35 + 242 + 530 \\
 821 &:= 1^5 + 5^2 + 9^3 + 66^1 = 15 + 52 + 93 + 661 \\
 821 &:= 1^6 + 10^2 + 26^2 + 44^1 = 16 + 102 + 262 + 441 \\
 821 &:= 1^8 + 17^0 + 28^2 + 35^1 = 18 + 170 + 282 + 351 \\
 821 &:= 2^2 + 3^6 + 4^2 + 72^1 = 22 + 36 + 42 + 721 \\
 821 &:= 2^3 + 2^4 + 9^3 + 68^1 = 23 + 24 + 93 + 681 \\
 821 &:= 2^4 + 3^6 + 76^1 = 24 + 36 + 761 \\
 821 &:= 2^5 + 4^3 + 26^2 + 49^1 = 25 + 43 + 262 + 491 \\
 821 &:= 2^6 + 3^3 + 27^2 + 49^0 = 26 + 33 + 272 + 490 \\
 821 &:= 2^7 + 4^2 + 26^2 + 49^0 = 27 + 42 + 262 + 490 \\
 821 &:= 2^8 + 21^0 + 23^2 + 35^1 = 28 + 210 + 232 + 351 \\
 821 &:= 3^3 + 3^6 + 8^2 + 67^0 = 33 + 36 + 82 + 670 \\
 821 &:= 3^4 + 3^6 + 10^1 + 65^0 = 34 + 36 + 101 + 650 \\
 821 &:= 3^4 + 5^4 + 7^2 + 66^1 = 34 + 54 + 72 + 661 \\
 821 &:= 3^5 + 5^3 + 20^2 + 53^1 = 35 + 53 + 202 + 531 \\
 821 &:= 4^3 + 4^3 + 5^4 + 68^1 = 43 + 43 + 54 + 681
 \end{aligned}$$

$$\begin{aligned}
 821 &:= 1^2 + 2^6 + 25^0 + 26^1 + 27^2 = 12 + 26 + 250 + 261 + 272 \\
 821 &:= 1^5 + 10^2 + 17^1 + 26^2 + 27^1 = 15 + 102 + 171 + 262 + 271 \\
 821 &:= 1^5 + 10^2 + 18^1 + 26^1 + 26^2 = 15 + 102 + 181 + 261 + 262 \\
 821 &:= 1^5 + 10^2 + 19^1 + 25^1 + 26^2 = 15 + 102 + 191 + 251 + 262 \\
 821 &:= 1^5 + 10^2 + 20^1 + 24^1 + 26^2 = 15 + 102 + 201 + 241 + 262 \\
 821 &:= 1^5 + 10^2 + 21^1 + 23^1 + 26^2 = 15 + 102 + 211 + 231 + 262 \\
 821 &:= 1^5 + 10^2 + 22^1 + 22^1 + 26^2 = 15 + 102 + 221 + 221 + 262 \\
 821 &:= 1^5 + 4^3 + 23^0 + 26^1 + 27^2 = 15 + 43 + 230 + 261 + 272 \\
 821 &:= 1^5 + 6^3 + 23^0 + 24^2 + 27^1 = 15 + 63 + 230 + 242 + 271 \\
 821 &:= 1^6 + 11^2 + 21^0 + 22^1 + 26^2 = 16 + 112 + 210 + 221 + 262 \\
 821 &:= 1^6 + 13^2 + 17^0 + 25^1 + 25^2 = 16 + 132 + 170 + 251 + 252 \\
 821 &:= 1^6 + 15^2 + 18^1 + 23^0 + 24^2 = 16 + 152 + 181 + 230 + 242 \\
 821 &:= 1^6 + 17^1 + 19^2 + 21^2 + 23^0 = 16 + 171 + 192 + 212 + 230 \\
 821 &:= 1^6 + 19^1 + 20^2 + 20^2 + 21^0 = 16 + 191 + 202 + 202 + 210 \\
 821 &:= 1^6 + 8^2 + 19^0 + 26^1 + 27^2 = 16 + 82 + 190 + 261 + 272 \\
 821 &:= 1^7 + 13^0 + 17^2 + 23^2 + 27^0 = 17 + 130 + 172 + 232 + 270 \\
 821 &:= 1^7 + 14^0 + 17^2 + 23^2 + 26^0 = 17 + 140 + 172 + 232 + 260 \\
 821 &:= 1^7 + 15^0 + 17^2 + 23^2 + 25^0 = 17 + 150 + 172 + 232 + 250 \\
 821 &:= 1^7 + 16^0 + 17^2 + 23^2 + 24^0 = 17 + 160 + 172 + 232 + 240
 \end{aligned}$$

$$\begin{aligned}
 821 &:= 1^7 + 17^0 + 17^2 + 23^0 + 23^2 = 17 + 170 + 172 + 230 + 232 \\
 821 &:= 1^7 + 17^2 + 18^0 + 22^0 + 23^2 = 17 + 172 + 180 + 220 + 232 \\
 821 &:= 1^7 + 17^2 + 19^0 + 21^0 + 23^2 = 17 + 172 + 190 + 210 + 232 \\
 821 &:= 1^7 + 17^2 + 20^0 + 20^0 + 23^2 = 17 + 172 + 200 + 200 + 232 \\
 821 &:= 2^2 + 2^6 + 23^1 + 27^0 + 27^2 = 22 + 26 + 231 + 270 + 272 \\
 821 &:= 2^4 + 3^3 + 22^1 + 27^1 + 27^2 = 24 + 33 + 221 + 271 + 272 \\
 821 &:= 2^4 + 3^3 + 23^1 + 26^1 + 27^2 = 24 + 33 + 231 + 261 + 272 \\
 821 &:= 2^4 + 3^3 + 24^1 + 25^1 + 27^2 = 24 + 33 + 241 + 251 + 272 \\
 821 &:= 2^5 + 11^2 + 16^1 + 25^2 + 27^1 = 25 + 112 + 161 + 252 + 271
 \end{aligned}$$

$$\begin{aligned}
 821 &:= 2^5 + 11^2 + 17^1 + 25^2 + 26^1 = 25 + 112 + 171 + 252 + 261 \\
 821 &:= 2^5 + 11^2 + 18^1 + 25^1 + 25^2 = 25 + 112 + 181 + 251 + 252 \\
 821 &:= 2^5 + 11^2 + 19^1 + 24^1 + 25^2 = 25 + 112 + 191 + 241 + 252 \\
 821 &:= 2^5 + 11^2 + 20^1 + 23^1 + 25^2 = 25 + 112 + 201 + 231 + 252 \\
 821 &:= 2^5 + 11^2 + 21^1 + 22^1 + 25^2 = 25 + 112 + 211 + 221 + 252 \\
 821 &:= 2^6 + 15^0 + 17^2 + 21^2 + 26^1 = 26 + 150 + 172 + 212 + 261 \\
 821 &:= 2^6 + 16^1 + 16^2 + 22^2 + 25^0 = 26 + 161 + 162 + 222 + 250
 \end{aligned}$$

2.2.723 Number 822

$$\begin{aligned}
 822 &:= 1^8 + 12^2 + 26^2 + 42^0 = 18 + 122 + 262 + 420 \\
 822 &:= 1^8 + 6^2 + 28^2 + 46^0 = 18 + 62 + 282 + 460 \\
 822 &:= 1^9 + 16^0 + 28^2 + 36^1 = 19 + 160 + 282 + 361 \\
 822 &:= 2^5 + 3^6 + 16^0 + 60^1 = 25 + 36 + 160 + 601 \\
 822 &:= 2^6 + 3^4 + 26^2 + 50^0 = 26 + 34 + 262 + 500 \\
 822 &:= 2^7 + 5^4 + 6^0 + 68^1 = 27 + 54 + 60 + 681 \\
 822 &:= 2^8 + 6^2 + 23^2 + 50^0 = 28 + 62 + 232 + 500 \\
 822 &:= 2^8 + 8^3 + 18^0 + 53^1 = 28 + 83 + 180 + 531 \\
 822 &:= 2^8 + 9^2 + 22^2 + 48^0 = 28 + 92 + 222 + 480 \\
 822 &:= 2^9 + 10^0 + 16^2 + 53^1 = 29 + 100 + 162 + 531 \\
 822 &:= 2^9 + 17^2 + 20^1 + 42^0 = 29 + 172 + 201 + 420 \\
 822 &:= 1^3 + 2^6 + 24^0 + 27^1 + 27^2 = 13 + 26 + 240 + 271 + 272 \\
 822 &:= 1^5 + 3^5 + 24^2 + 26^0 + 27^0 = 15 + 35 + 242 + 260 + 270 \\
 822 &:= 1^6 + 4^3 + 22^0 + 27^1 + 27^2 = 16 + 43 + 220 + 271 + 272 \\
 822 &:= 1^7 + 11^2 + 20^0 + 23^1 + 26^2 = 17 + 112 + 200 + 231 + 262 \\
 822 &:= 1^7 + 13^2 + 16^0 + 25^2 + 26^1 = 17 + 132 + 160 + 252 + 261 \\
 822 &:= 1^7 + 15^2 + 19^1 + 22^0 + 24^2 = 17 + 152 + 191 + 220 + 242 \\
 822 &:= 1^7 + 18^1 + 19^2 + 21^2 + 22^0 = 17 + 181 + 192 + 212 + 220 \\
 822 &:= 1^7 + 20^0 + 20^1 + 20^2 + 20^2 = 17 + 200 + 201 + 202 + 202 \\
 822 &:= 1^7 + 8^2 + 18^0 + 27^1 + 27^2 = 17 + 82 + 180 + 271 + 272
 \end{aligned}$$

$$\begin{aligned}
 822 &:= 2^7 + 12^2 + 20^1 + 23^2 + 24^0 = 27 + 122 + 201 + 232 + 240 \\
 822 &:= 2^7 + 15^2 + 16^0 + 21^2 + 27^1 = 27 + 152 + 160 + 212 + 271 \\
 822 &:= 2^8 + 10^1 + 20^0 + 23^2 + 26^1 = 28 + 101 + 200 + 232 + 261 \\
 822 &:= 2^8 + 11^1 + 20^0 + 23^2 + 25^1 = 28 + 111 + 200 + 232 + 251 \\
 822 &:= 2^8 + 12^1 + 20^0 + 23^2 + 24^1 = 28 + 121 + 200 + 232 + 241 \\
 822 &:= 2^8 + 13^1 + 20^0 + 23^1 + 23^2 = 28 + 131 + 200 + 231 + 232 \\
 822 &:= 2^8 + 14^1 + 20^0 + 22^1 + 23^2 = 28 + 141 + 200 + 221 + 232 \\
 822 &:= 2^8 + 15^1 + 20^0 + 21^1 + 23^2 = 28 + 151 + 200 + 211 + 232 \\
 822 &:= 2^8 + 16^1 + 20^0 + 20^1 + 23^2 = 28 + 161 + 200 + 201 + 232 \\
 822 &:= 2^8 + 17^1 + 19^1 + 20^0 + 23^2 = 28 + 171 + 191 + 200 + 232 \\
 822 &:= 2^8 + 18^1 + 18^1 + 20^0 + 23^2 = 28 + 181 + 181 + 200 + 232 \\
 822 &:= 2^8 + 9^1 + 20^0 + 23^2 + 27^1 = 28 + 91 + 200 + 232 + 271 \\
 822 &:= 2^9 + 16^0 + 17^2 + 19^1 + 27^0 = 29 + 160 + 172 + 191 + 270 \\
 822 &:= 2^9 + 17^0 + 17^2 + 19^1 + 26^0 = 29 + 170 + 172 + 191 + 260 \\
 822 &:= 2^9 + 17^2 + 18^0 + 19^1 + 25^0 = 29 + 172 + 180 + 191 + 250 \\
 822 &:= 2^9 + 17^2 + 19^0 + 19^1 + 24^0 = 29 + 172 + 190 + 191 + 240 \\
 822 &:= 2^9 + 17^2 + 19^1 + 20^0 + 23^0 = 29 + 172 + 191 + 200 + 230 \\
 822 &:= 2^9 + 17^2 + 19^1 + 21^0 + 22^0 = 29 + 172 + 191 + 210 + 220
 \end{aligned}$$

2.2.724 Number 823

$$\begin{aligned}
 823 &:= 16^0 + 28^2 + 38^1 = 160 + 282 + 381 \\
 823 &:= 1^0 + 16^0 + 28^2 + 37^1 = 10 + 160 + 282 + 371 \\
 823 &:= 1^7 + 5^4 + 14^2 + 61^0 = 17 + 54 + 142 + 610 \\
 823 &:= 1^9 + 14^2 + 25^2 + 41^0 = 19 + 142 + 252 + 410
 \end{aligned}$$

$$\begin{aligned}
 823 &:= 2^0 + 15^0 + 28^2 + 37^1 = 20 + 150 + 282 + 371 \\
 823 &:= 2^2 + 2^4 + 3^6 + 74^1 = 22 + 24 + 36 + 741 \\
 823 &:= 2^6 + 3^6 + 29^1 + 47^0 = 26 + 36 + 291 + 470 \\
 823 &:= 2^8 + 14^2 + 18^2 + 47^1 = 28 + 142 + 182 + 471
 \end{aligned}$$

$$\begin{aligned}
 823 &:= 2^8 + 5^3 + 21^2 + 53^0 &= 28 + 53 + 212 + 530 \\
 823 &:= 3^0 + 14^0 + 28^2 + 37^1 &= 30 + 140 + 282 + 371 \\
 823 &:= 4^0 + 13^0 + 28^2 + 37^1 &= 40 + 130 + 282 + 371 \\
 823 &:= 5^0 + 12^0 + 28^2 + 37^1 &= 50 + 120 + 282 + 371 \\
 823 &:= 6^0 + 11^0 + 28^2 + 37^1 &= 60 + 110 + 282 + 371 \\
 823 &:= 7^0 + 10^0 + 28^2 + 37^1 &= 70 + 100 + 282 + 371 \\
 823 &:= 8^0 + 9^0 + 28^2 + 37^1 &= 80 + 90 + 282 + 371 \\
 823 &:= 1^8 + 11^2 + 19^0 + 24^1 + 26^2 &= 18 + 112 + 190 + 241 + 262 \\
 823 &:= 1^8 + 13^1 + 18^2 + 22^2 + 27^0 &= 18 + 131 + 182 + 222 + 270 \\
 823 &:= 1^8 + 13^2 + 15^0 + 25^2 + 27^1 &= 18 + 132 + 150 + 252 + 271 \\
 823 &:= 1^8 + 15^2 + 20^1 + 21^0 + 24^2 &= 18 + 152 + 201 + 210 + 242 \\
 823 &:= 1^8 + 19^0 + 20^2 + 20^2 + 21^1 &= 18 + 190 + 202 + 202 + 211 \\
 823 &:= 1^8 + 19^1 + 19^2 + 21^0 + 21^2 &= 18 + 191 + 192 + 210 + 212 \\
 823 &:= 1^9 + 12^2 + 15^0 + 26^2 + 27^0 &= 19 + 122 + 150 + 262 + 270 \\
 823 &:= 1^9 + 12^2 + 16^0 + 26^0 + 26^2 &= 19 + 122 + 160 + 260 + 262 \\
 823 &:= 1^9 + 12^2 + 17^0 + 25^0 + 26^2 &= 19 + 122 + 170 + 250 + 262
 \end{aligned}$$

$$\begin{aligned}
 823 &:= 1^9 + 12^2 + 18^0 + 24^0 + 26^2 &= 19 + 122 + 180 + 240 + 262 \\
 823 &:= 1^9 + 12^2 + 19^0 + 23^0 + 26^2 &= 19 + 122 + 190 + 230 + 262 \\
 823 &:= 1^9 + 12^2 + 20^0 + 22^0 + 26^2 &= 19 + 122 + 200 + 220 + 262 \\
 823 &:= 1^9 + 12^2 + 21^0 + 21^0 + 26^2 &= 19 + 122 + 210 + 210 + 262 \\
 823 &:= 2^7 + 11^2 + 18^1 + 23^2 + 27^1 &= 27 + 112 + 181 + 232 + 271 \\
 823 &:= 2^7 + 11^2 + 19^1 + 23^2 + 26^1 &= 27 + 112 + 191 + 232 + 261 \\
 823 &:= 2^7 + 11^2 + 20^1 + 23^2 + 25^1 &= 27 + 112 + 201 + 232 + 251 \\
 823 &:= 2^7 + 11^2 + 21^1 + 23^2 + 24^1 &= 27 + 112 + 211 + 232 + 241 \\
 823 &:= 2^7 + 11^2 + 22^1 + 23^1 + 23^2 &= 27 + 112 + 221 + 231 + 232 \\
 823 &:= 2^7 + 7^3 + 18^2 + 27^0 + 27^1 &= 27 + 73 + 182 + 270 + 271 \\
 823 &:= 2^8 + 10^2 + 21^2 + 23^0 + 25^1 &= 28 + 102 + 212 + 230 + 251 \\
 823 &:= 2^8 + 12^2 + 20^2 + 22^1 + 25^0 &= 28 + 122 + 202 + 221 + 250 \\
 823 &:= 2^8 + 16^2 + 17^2 + 21^1 + 25^0 &= 28 + 162 + 172 + 211 + 250 \\
 823 &:= 2^8 + 8^3 + 17^0 + 27^1 + 27^1 &= 28 + 83 + 170 + 271 + 271 \\
 823 &:= 2^9 + 9^0 + 16^2 + 27^1 + 27^1 &= 29 + 90 + 162 + 271 + 271
 \end{aligned}$$

2.2.725 Number 824

$$\begin{aligned}
 824 &:= 1^1 + 15^0 + 28^2 + 38^1 &= 11 + 150 + 282 + 381 \\
 824 &:= 10^1 + 15^0 + 28^2 + 29^1 &= 101 + 150 + 282 + 291 \\
 824 &:= 11^1 + 15^0 + 28^1 + 28^2 &= 111 + 150 + 281 + 282 \\
 824 &:= 12^1 + 15^0 + 27^1 + 28^2 &= 121 + 150 + 271 + 282 \\
 824 &:= 13^1 + 15^0 + 26^1 + 28^2 &= 131 + 150 + 261 + 282 \\
 824 &:= 14^1 + 15^0 + 25^1 + 28^2 &= 141 + 150 + 251 + 282 \\
 824 &:= 15^0 + 15^1 + 24^1 + 28^2 &= 150 + 151 + 241 + 282 \\
 824 &:= 15^0 + 16^1 + 23^1 + 28^2 &= 150 + 161 + 231 + 282 \\
 824 &:= 15^0 + 17^1 + 22^1 + 28^2 &= 150 + 171 + 221 + 282 \\
 824 &:= 15^0 + 18^1 + 21^1 + 28^2 &= 150 + 181 + 211 + 282 \\
 824 &:= 15^0 + 19^1 + 20^1 + 28^2 &= 150 + 191 + 201 + 282 \\
 824 &:= 2^1 + 15^0 + 28^2 + 37^1 &= 21 + 150 + 282 + 371 \\
 824 &:= 2^9 + 4^4 + 20^0 + 55^1 &= 29 + 44 + 200 + 551 \\
 824 &:= 3^1 + 15^0 + 28^2 + 36^1 &= 31 + 150 + 282 + 361 \\
 824 &:= 4^1 + 15^0 + 28^2 + 35^1 &= 41 + 150 + 282 + 351 \\
 824 &:= 5^1 + 15^0 + 28^2 + 34^1 &= 51 + 150 + 282 + 341 \\
 824 &:= 6^1 + 15^0 + 28^2 + 33^1 &= 61 + 150 + 282 + 331 \\
 824 &:= 7^1 + 15^0 + 28^2 + 32^1 &= 71 + 150 + 282 + 321 \\
 824 &:= 8^1 + 15^0 + 28^2 + 31^1 &= 81 + 150 + 282 + 311
 \end{aligned}$$

$$\begin{aligned}
 824 &:= 9^1 + 15^0 + 28^2 + 30^1 &= 91 + 150 + 282 + 301 \\
 824 &:= 1^0 + 14^2 + 15^0 + 25^2 + 27^0 &= 10 + 142 + 150 + 252 + 270 \\
 824 &:= 1^0 + 14^2 + 16^0 + 25^2 + 26^0 &= 10 + 142 + 160 + 252 + 260 \\
 824 &:= 1^0 + 14^2 + 17^0 + 25^0 + 25^2 &= 10 + 142 + 170 + 250 + 252 \\
 824 &:= 1^0 + 14^2 + 18^0 + 24^0 + 25^2 &= 10 + 142 + 180 + 240 + 252 \\
 824 &:= 1^0 + 14^2 + 19^0 + 23^0 + 25^2 &= 10 + 142 + 190 + 230 + 252 \\
 824 &:= 1^0 + 14^2 + 20^0 + 22^0 + 25^2 &= 10 + 142 + 200 + 220 + 252 \\
 824 &:= 1^0 + 14^2 + 21^0 + 21^0 + 25^2 &= 10 + 142 + 210 + 210 + 252 \\
 824 &:= 1^9 + 11^2 + 18^0 + 25^1 + 26^2 &= 19 + 112 + 180 + 251 + 262 \\
 824 &:= 1^9 + 14^1 + 18^2 + 22^2 + 26^0 &= 19 + 141 + 182 + 222 + 260 \\
 824 &:= 1^9 + 15^2 + 20^0 + 21^1 + 24^2 &= 19 + 152 + 200 + 211 + 242 \\
 824 &:= 1^9 + 18^0 + 20^2 + 20^2 + 22^1 &= 19 + 180 + 202 + 202 + 221 \\
 824 &:= 1^9 + 19^2 + 20^0 + 20^1 + 21^2 &= 19 + 192 + 200 + 201 + 212 \\
 824 &:= 10^0 + 10^0 + 14^2 + 23^0 + 25^2 &= 100 + 100 + 142 + 230 + 252 \\
 824 &:= 10^0 + 11^0 + 14^2 + 22^0 + 25^2 &= 100 + 110 + 142 + 220 + 252 \\
 824 &:= 10^0 + 12^0 + 14^2 + 21^0 + 25^2 &= 100 + 120 + 142 + 210 + 252 \\
 824 &:= 10^0 + 13^0 + 14^2 + 20^0 + 25^2 &= 100 + 130 + 142 + 200 + 252 \\
 824 &:= 10^0 + 14^0 + 14^2 + 19^0 + 25^2 &= 100 + 140 + 142 + 190 + 252 \\
 824 &:= 10^0 + 14^2 + 15^0 + 18^0 + 25^2 &= 100 + 142 + 150 + 180 + 252
 \end{aligned}$$

$$\begin{aligned} 824 &:= 10^0 + 14^2 + 16^0 + 17^0 + 25^2 = 100 + 142 + 160 + 170 + 252 & 824 &:= 5^0 + 11^0 + 14^2 + 25^2 + 27^0 = 50 + 110 + 142 + 252 + 270 \\ 824 &:= 11^0 + 11^0 + 14^2 + 21^0 + 25^2 = 110 + 110 + 142 + 210 + 252 & 824 &:= 5^0 + 12^0 + 14^2 + 25^2 + 26^0 = 50 + 120 + 142 + 252 + 260 \\ 824 &:= 11^0 + 12^0 + 14^2 + 20^0 + 25^2 = 110 + 120 + 142 + 200 + 252 & 824 &:= 5^0 + 13^0 + 14^2 + 25^0 + 25^2 = 50 + 130 + 142 + 250 + 252 \\ 824 &:= 11^0 + 13^0 + 14^2 + 19^0 + 25^2 = 110 + 130 + 142 + 190 + 252 & 824 &:= 5^0 + 14^0 + 14^2 + 24^0 + 25^2 = 50 + 140 + 142 + 240 + 252 \\ 824 &:= 11^0 + 14^0 + 14^2 + 18^0 + 25^2 = 110 + 140 + 142 + 180 + 252 & 824 &:= 5^0 + 14^2 + 15^0 + 23^0 + 25^2 = 50 + 142 + 150 + 230 + 252 \\ 824 &:= 11^0 + 14^2 + 15^0 + 17^0 + 25^2 = 110 + 142 + 150 + 170 + 252 & 824 &:= 5^0 + 14^2 + 16^0 + 22^0 + 25^2 = 50 + 142 + 160 + 220 + 252 \\ 824 &:= 11^0 + 14^2 + 16^0 + 16^0 + 25^2 = 110 + 142 + 160 + 160 + 252 & 824 &:= 5^0 + 14^2 + 17^0 + 21^0 + 25^2 = 50 + 142 + 170 + 210 + 252 \\ 824 &:= 12^0 + 12^0 + 14^2 + 19^0 + 25^2 = 120 + 120 + 142 + 190 + 252 & 824 &:= 5^0 + 14^2 + 18^0 + 20^0 + 25^2 = 50 + 142 + 180 + 200 + 252 \\ 824 &:= 12^0 + 13^0 + 14^2 + 18^0 + 25^2 = 120 + 130 + 142 + 180 + 252 & 824 &:= 5^0 + 14^2 + 19^0 + 19^0 + 25^2 = 50 + 142 + 190 + 190 + 252 \\ 824 &:= 12^0 + 14^0 + 14^2 + 17^0 + 25^2 = 120 + 140 + 142 + 170 + 252 & 824 &:= 6^0 + 10^0 + 14^2 + 25^2 + 27^0 = 60 + 100 + 142 + 252 + 270 \\ 824 &:= 12^0 + 14^2 + 15^0 + 16^0 + 25^2 = 120 + 142 + 150 + 160 + 252 & 824 &:= 6^0 + 11^0 + 14^2 + 25^2 + 26^0 = 60 + 110 + 142 + 252 + 260 \\ 824 &:= 13^0 + 13^0 + 14^2 + 17^0 + 25^2 = 130 + 130 + 142 + 170 + 252 & 824 &:= 6^0 + 12^0 + 14^2 + 25^0 + 25^2 = 60 + 120 + 142 + 250 + 252 \\ 824 &:= 13^0 + 14^0 + 14^2 + 16^0 + 25^2 = 130 + 140 + 142 + 160 + 252 & 824 &:= 6^0 + 13^0 + 14^2 + 24^0 + 25^2 = 60 + 130 + 142 + 240 + 252 \\ 824 &:= 13^0 + 14^2 + 15^0 + 15^0 + 25^2 = 130 + 142 + 150 + 150 + 252 & 824 &:= 6^0 + 14^0 + 14^2 + 23^0 + 25^2 = 60 + 140 + 142 + 230 + 252 \\ 824 &:= 14^0 + 14^0 + 14^2 + 15^0 + 25^2 = 140 + 140 + 142 + 150 + 252 & 824 &:= 6^0 + 14^2 + 15^0 + 22^0 + 25^2 = 60 + 142 + 150 + 220 + 252 \\ 824 &:= 2^0 + 14^0 + 14^2 + 25^2 + 27^0 = 20 + 140 + 142 + 252 + 270 & 824 &:= 6^0 + 14^2 + 16^0 + 21^0 + 25^2 = 60 + 142 + 160 + 210 + 252 \\ 824 &:= 2^0 + 14^2 + 15^0 + 25^2 + 26^0 = 20 + 142 + 150 + 252 + 260 & 824 &:= 6^0 + 14^2 + 17^0 + 20^0 + 25^2 = 60 + 142 + 170 + 200 + 252 \\ 824 &:= 2^0 + 14^2 + 16^0 + 25^0 + 25^2 = 20 + 142 + 160 + 250 + 252 & 824 &:= 6^0 + 14^2 + 18^0 + 19^0 + 25^2 = 60 + 142 + 180 + 190 + 252 \\ 824 &:= 2^0 + 14^2 + 17^0 + 24^0 + 25^2 = 20 + 142 + 170 + 240 + 252 & 824 &:= 7^0 + 10^0 + 14^2 + 25^2 + 26^0 = 70 + 100 + 142 + 252 + 260 \\ 824 &:= 2^0 + 14^2 + 18^0 + 23^0 + 25^2 = 20 + 142 + 180 + 230 + 252 & 824 &:= 7^0 + 11^0 + 14^2 + 25^0 + 25^2 = 70 + 110 + 142 + 250 + 252 \\ 824 &:= 2^0 + 14^2 + 19^0 + 22^0 + 25^2 = 20 + 142 + 190 + 220 + 252 & 824 &:= 7^0 + 12^0 + 14^2 + 24^0 + 25^2 = 70 + 120 + 142 + 240 + 252 \\ 824 &:= 2^0 + 14^2 + 20^0 + 21^0 + 25^2 = 20 + 142 + 200 + 210 + 252 & 824 &:= 7^0 + 13^0 + 14^2 + 23^0 + 25^2 = 70 + 130 + 142 + 230 + 252 \\ 824 &:= 3^0 + 13^0 + 14^2 + 25^2 + 27^0 = 30 + 130 + 142 + 252 + 270 & 824 &:= 7^0 + 14^0 + 14^2 + 22^0 + 25^2 = 70 + 140 + 142 + 220 + 252 \\ 824 &:= 3^0 + 14^0 + 14^2 + 25^2 + 26^0 = 30 + 140 + 142 + 252 + 260 & 824 &:= 7^0 + 14^2 + 15^0 + 21^0 + 25^2 = 70 + 142 + 150 + 210 + 252 \\ 824 &:= 3^0 + 14^2 + 15^0 + 25^0 + 25^2 = 30 + 142 + 150 + 250 + 252 & 824 &:= 7^0 + 14^2 + 16^0 + 20^0 + 25^2 = 70 + 142 + 160 + 200 + 252 \\ 824 &:= 3^0 + 14^2 + 16^0 + 24^0 + 25^2 = 30 + 142 + 160 + 240 + 252 & 824 &:= 7^0 + 14^2 + 17^0 + 19^0 + 25^2 = 70 + 142 + 170 + 190 + 252 \\ 824 &:= 3^0 + 14^2 + 17^0 + 23^0 + 25^2 = 30 + 142 + 170 + 230 + 252 & 824 &:= 7^0 + 14^2 + 18^0 + 18^0 + 25^2 = 70 + 142 + 180 + 180 + 252 \\ 824 &:= 3^0 + 14^2 + 18^0 + 22^0 + 25^2 = 30 + 142 + 180 + 220 + 252 & 824 &:= 7^0 + 9^0 + 14^2 + 25^2 + 27^0 = 70 + 90 + 142 + 252 + 270 \\ 824 &:= 3^0 + 14^2 + 19^0 + 21^0 + 25^2 = 30 + 142 + 190 + 210 + 252 & 824 &:= 8^0 + 10^0 + 14^2 + 25^0 + 25^2 = 80 + 100 + 142 + 250 + 252 \\ 824 &:= 3^0 + 14^2 + 20^0 + 20^0 + 25^2 = 30 + 142 + 200 + 200 + 252 & 824 &:= 8^0 + 11^0 + 14^2 + 24^0 + 25^2 = 80 + 110 + 142 + 240 + 252 \\ 824 &:= 4^0 + 12^0 + 14^2 + 25^2 + 27^0 = 40 + 120 + 142 + 252 + 270 & 824 &:= 8^0 + 12^0 + 14^2 + 23^0 + 25^2 = 80 + 120 + 142 + 230 + 252 \\ 824 &:= 4^0 + 13^0 + 14^2 + 25^2 + 26^0 = 40 + 130 + 142 + 252 + 260 & 824 &:= 8^0 + 13^0 + 14^2 + 22^0 + 25^2 = 80 + 130 + 142 + 220 + 252 \\ 824 &:= 4^0 + 14^0 + 14^2 + 25^0 + 25^2 = 40 + 140 + 142 + 250 + 252 & 824 &:= 8^0 + 14^0 + 14^2 + 21^0 + 25^2 = 80 + 140 + 142 + 210 + 252 \\ 824 &:= 4^0 + 14^2 + 15^0 + 24^0 + 25^2 = 40 + 142 + 150 + 240 + 252 & 824 &:= 8^0 + 14^2 + 15^0 + 20^0 + 25^2 = 80 + 142 + 150 + 200 + 252 \\ 824 &:= 4^0 + 14^2 + 16^0 + 23^0 + 25^2 = 40 + 142 + 160 + 230 + 252 & 824 &:= 8^0 + 14^2 + 16^0 + 19^0 + 25^2 = 80 + 142 + 160 + 190 + 252 \\ 824 &:= 4^0 + 14^2 + 17^0 + 22^0 + 25^2 = 40 + 142 + 170 + 220 + 252 & 824 &:= 8^0 + 14^2 + 17^0 + 18^0 + 25^2 = 80 + 142 + 170 + 180 + 252 \\ 824 &:= 4^0 + 14^2 + 18^0 + 21^0 + 25^2 = 40 + 142 + 180 + 210 + 252 & 824 &:= 8^0 + 8^0 + 14^2 + 25^2 + 27^0 = 80 + 80 + 142 + 252 + 270 \\ 824 &:= 4^0 + 14^2 + 19^0 + 20^0 + 25^2 = 40 + 142 + 190 + 200 + 252 & 824 &:= 8^0 + 9^0 + 14^2 + 25^2 + 26^0 = 80 + 90 + 142 + 252 + 260 \end{aligned}$$

$$\begin{aligned}
 824 &:= 9^0 + 10^0 + 14^2 + 24^0 + 25^2 = 90 + 100 + 142 + 240 + 252 \\
 824 &:= 9^0 + 11^0 + 14^2 + 23^0 + 25^2 = 90 + 110 + 142 + 230 + 252 \\
 824 &:= 9^0 + 12^0 + 14^2 + 22^0 + 25^2 = 90 + 120 + 142 + 220 + 252 \\
 824 &:= 9^0 + 13^0 + 14^2 + 21^0 + 25^2 = 90 + 130 + 142 + 210 + 252 \\
 824 &:= 9^0 + 14^0 + 14^2 + 20^0 + 25^2 = 90 + 140 + 142 + 200 + 252
 \end{aligned}$$

$$\begin{aligned}
 824 &:= 9^0 + 14^2 + 15^0 + 19^0 + 25^2 = 90 + 142 + 150 + 190 + 252 \\
 824 &:= 9^0 + 14^2 + 16^0 + 18^0 + 25^2 = 90 + 142 + 160 + 180 + 252 \\
 824 &:= 9^0 + 14^2 + 17^0 + 17^0 + 25^2 = 90 + 142 + 170 + 170 + 252 \\
 824 &:= 9^0 + 9^0 + 14^2 + 25^0 + 25^2 = 90 + 90 + 142 + 250 + 252
 \end{aligned}$$

2.2.726 Number 825

$$\begin{aligned}
 825 &:= 1^2 + 14^0 + 28^2 + 39^1 = 12 + 140 + 282 + 391 \\
 825 &:= 1^6 + 3^5 + 8^3 + 69^1 = 16 + 35 + 83 + 691 \\
 825 &:= 1^8 + 3^3 + 9^3 + 68^1 = 18 + 33 + 93 + 681 \\
 825 &:= 1^9 + 8^3 + 16^2 + 56^1 = 19 + 83 + 162 + 561 \\
 825 &:= 11^2 + 18^0 + 26^2 + 27^1 = 112 + 180 + 262 + 271 \\
 825 &:= 13^2 + 14^0 + 25^2 + 30^1 = 132 + 140 + 252 + 301 \\
 825 &:= 15^2 + 20^0 + 23^1 + 24^2 = 152 + 200 + 231 + 242 \\
 825 &:= 16^1 + 18^2 + 22^2 + 26^0 = 161 + 182 + 222 + 260 \\
 825 &:= 18^0 + 20^2 + 20^2 + 24^1 = 180 + 202 + 202 + 241 \\
 825 &:= 19^2 + 20^0 + 21^2 + 22^1 = 192 + 200 + 212 + 221 \\
 825 &:= 2^0 + 7^2 + 27^2 + 46^1 = 20 + 72 + 272 + 461 \\
 825 &:= 2^2 + 16^0 + 28^2 + 36^1 = 22 + 160 + 282 + 361 \\
 825 &:= 2^9 + 3^3 + 15^2 + 61^1 = 29 + 33 + 152 + 611 \\
 825 &:= 2^9 + 3^5 + 7^0 + 69^1 = 29 + 35 + 70 + 691 \\
 825 &:= 3^1 + 14^2 + 25^2 + 40^0 = 31 + 142 + 252 + 400 \\
 825 &:= 3^2 + 20^0 + 28^2 + 31^1 = 32 + 200 + 282 + 311 \\
 825 &:= 4^0 + 16^2 + 23^2 + 39^1 = 40 + 162 + 232 + 391 \\
 825 &:= 4^1 + 12^2 + 26^2 + 40^0 = 41 + 122 + 262 + 400 \\
 825 &:= 4^1 + 6^2 + 28^2 + 44^0 = 41 + 62 + 282 + 440 \\
 825 &:= 4^2 + 24^1 + 26^0 + 28^2 = 42 + 241 + 260 + 282 \\
 825 &:= 5^2 + 15^1 + 28^2 + 34^0 = 52 + 151 + 282 + 340 \\
 825 &:= 6^1 + 17^2 + 23^2 + 36^0 = 61 + 172 + 232 + 360 \\
 825 &:= 8^2 + 16^0 + 27^2 + 31^1 = 82 + 160 + 272 + 311 \\
 825 &:= 9^2 + 14^1 + 27^2 + 32^0 = 92 + 141 + 272 + 320 \\
 825 &:= 1^0 + 11^2 + 18^0 + 26^1 + 26^2 = 10 + 112 + 180 + 261 + 262 \\
 825 &:= 1^0 + 15^1 + 18^2 + 22^2 + 26^0 = 10 + 151 + 182 + 222 + 260 \\
 825 &:= 1^0 + 15^2 + 20^0 + 22^1 + 24^2 = 10 + 152 + 200 + 221 + 242 \\
 825 &:= 1^0 + 18^0 + 20^2 + 20^2 + 23^1 = 10 + 180 + 202 + 202 + 231 \\
 825 &:= 1^0 + 19^2 + 20^0 + 21^1 + 21^2 = 10 + 192 + 200 + 211 + 212 \\
 825 &:= 1^9 + 5^3 + 22^1 + 26^2 + 27^0 = 19 + 53 + 221 + 262 + 270
 \end{aligned}$$

$$\begin{aligned}
 825 &:= 1^9 + 7^2 + 19^1 + 27^1 + 27^2 = 19 + 72 + 191 + 271 + 272 \\
 825 &:= 1^9 + 7^2 + 20^1 + 26^1 + 27^2 = 19 + 72 + 201 + 261 + 272 \\
 825 &:= 1^9 + 7^2 + 21^1 + 25^1 + 27^2 = 19 + 72 + 211 + 251 + 272 \\
 825 &:= 1^9 + 7^2 + 22^1 + 24^1 + 27^2 = 19 + 72 + 221 + 241 + 272 \\
 825 &:= 1^9 + 7^2 + 23^1 + 23^1 + 27^2 = 19 + 72 + 231 + 231 + 272 \\
 825 &:= 10^0 + 11^0 + 15^2 + 22^1 + 24^2 = 100 + 110 + 152 + 221 + 242 \\
 825 &:= 10^0 + 11^0 + 19^2 + 21^1 + 21^2 = 100 + 110 + 192 + 211 + 212 \\
 825 &:= 10^0 + 15^1 + 17^0 + 18^2 + 22^2 = 100 + 151 + 170 + 182 + 222 \\
 825 &:= 11^0 + 15^1 + 16^0 + 18^2 + 22^2 = 110 + 151 + 160 + 182 + 222 \\
 825 &:= 12^0 + 15^0 + 15^1 + 18^2 + 22^2 = 120 + 150 + 151 + 182 + 222 \\
 825 &:= 13^0 + 14^0 + 15^1 + 18^2 + 22^2 = 130 + 140 + 151 + 182 + 222 \\
 825 &:= 2^0 + 11^2 + 17^0 + 26^1 + 26^2 = 20 + 112 + 170 + 261 + 262 \\
 825 &:= 2^0 + 15^1 + 18^2 + 22^2 + 25^0 = 20 + 151 + 182 + 222 + 250 \\
 825 &:= 2^0 + 15^2 + 19^0 + 22^1 + 24^2 = 20 + 152 + 190 + 221 + 242 \\
 825 &:= 2^0 + 17^0 + 20^2 + 20^2 + 23^1 = 20 + 170 + 202 + 202 + 231 \\
 825 &:= 2^0 + 19^0 + 19^2 + 21^1 + 21^2 = 20 + 190 + 192 + 211 + 212 \\
 825 &:= 2^1 + 14^0 + 14^2 + 25^2 + 27^0 = 21 + 140 + 142 + 252 + 270 \\
 825 &:= 2^1 + 14^2 + 15^0 + 25^2 + 26^0 = 21 + 142 + 150 + 252 + 260 \\
 825 &:= 2^1 + 14^2 + 16^0 + 25^0 + 25^2 = 21 + 142 + 160 + 250 + 252 \\
 825 &:= 2^1 + 14^2 + 17^0 + 24^0 + 25^2 = 21 + 142 + 170 + 240 + 252 \\
 825 &:= 2^1 + 14^2 + 18^0 + 23^0 + 25^2 = 21 + 142 + 180 + 230 + 252 \\
 825 &:= 2^1 + 14^2 + 19^0 + 22^0 + 25^2 = 21 + 142 + 190 + 220 + 252 \\
 825 &:= 2^1 + 14^2 + 20^0 + 21^0 + 25^2 = 21 + 142 + 200 + 210 + 252 \\
 825 &:= 3^0 + 11^2 + 16^0 + 26^1 + 26^2 = 30 + 112 + 160 + 261 + 262 \\
 825 &:= 3^0 + 15^1 + 18^2 + 22^2 + 24^0 = 30 + 151 + 182 + 222 + 240 \\
 825 &:= 3^0 + 15^2 + 18^0 + 22^1 + 24^2 = 30 + 152 + 180 + 221 + 242 \\
 825 &:= 3^0 + 16^0 + 20^2 + 20^2 + 23^1 = 30 + 160 + 202 + 202 + 231 \\
 825 &:= 3^0 + 18^0 + 19^2 + 21^1 + 21^2 = 30 + 180 + 192 + 211 + 212 \\
 825 &:= 3^1 + 12^2 + 14^0 + 26^2 + 27^0 = 31 + 122 + 140 + 262 + 270 \\
 825 &:= 3^1 + 12^2 + 15^0 + 26^0 + 26^2 = 31 + 122 + 150 + 260 + 262
 \end{aligned}$$

$825 := 3^1 + 12^2 + 16^0 + 25^0 + 26^2 = 31 + 122 + 160 + 250 + 262$	$825 := 6^0 + 15^1 + 18^2 + 21^0 + 22^2 = 60 + 151 + 182 + 210 + 222$
$825 := 3^1 + 12^2 + 17^0 + 24^0 + 26^2 = 31 + 122 + 170 + 240 + 262$	$825 := 6^0 + 9^2 + 13^1 + 27^0 + 27^2 = 60 + 92 + 131 + 270 + 272$
$825 := 3^1 + 12^2 + 18^0 + 23^0 + 26^2 = 31 + 122 + 180 + 230 + 262$	$825 := 7^0 + 11^2 + 12^0 + 26^1 + 26^2 = 70 + 112 + 120 + 261 + 262$
$825 := 3^1 + 12^2 + 19^0 + 22^0 + 26^2 = 31 + 122 + 190 + 220 + 262$	$825 := 7^0 + 12^0 + 20^2 + 20^2 + 23^1 = 70 + 120 + 202 + 202 + 231$
$825 := 3^1 + 12^2 + 20^0 + 21^0 + 26^2 = 31 + 122 + 200 + 210 + 262$	$825 := 7^0 + 14^0 + 15^2 + 22^1 + 24^2 = 70 + 140 + 152 + 221 + 242$
$825 := 4^0 + 11^2 + 15^0 + 26^1 + 26^2 = 40 + 112 + 150 + 261 + 262$	$825 := 7^0 + 14^0 + 19^2 + 21^1 + 21^2 = 70 + 140 + 192 + 211 + 212$
$825 := 4^0 + 15^0 + 20^2 + 20^2 + 23^1 = 40 + 150 + 202 + 202 + 231$	$825 := 7^0 + 15^1 + 18^2 + 20^0 + 22^2 = 70 + 151 + 182 + 200 + 222$
$825 := 4^0 + 15^1 + 18^2 + 22^2 + 23^0 = 40 + 151 + 182 + 222 + 230$	$825 := 7^0 + 9^2 + 13^1 + 26^0 + 27^2 = 70 + 92 + 131 + 260 + 272$
$825 := 4^0 + 15^2 + 17^0 + 22^1 + 24^2 = 40 + 152 + 170 + 221 + 242$	$825 := 8^0 + 11^0 + 11^2 + 26^1 + 26^2 = 80 + 110 + 112 + 261 + 262$
$825 := 4^0 + 17^0 + 19^2 + 21^1 + 21^2 = 40 + 170 + 192 + 211 + 212$	$825 := 8^0 + 11^0 + 20^2 + 20^2 + 23^1 = 80 + 110 + 202 + 202 + 231$
$825 := 5^0 + 11^2 + 14^0 + 26^1 + 26^2 = 50 + 112 + 140 + 261 + 262$	$825 := 8^0 + 13^0 + 15^2 + 22^1 + 24^2 = 80 + 130 + 152 + 221 + 242$
$825 := 5^0 + 14^0 + 20^2 + 20^2 + 23^1 = 50 + 140 + 202 + 202 + 231$	$825 := 8^0 + 13^0 + 19^2 + 21^1 + 21^2 = 80 + 130 + 192 + 211 + 212$
$825 := 5^0 + 15^1 + 18^2 + 22^0 + 22^2 = 50 + 151 + 182 + 220 + 222$	$825 := 8^0 + 15^1 + 18^2 + 19^0 + 22^2 = 80 + 151 + 182 + 190 + 222$
$825 := 5^0 + 15^2 + 16^0 + 22^1 + 24^2 = 50 + 152 + 160 + 221 + 242$	$825 := 8^0 + 9^2 + 13^1 + 25^0 + 27^2 = 80 + 92 + 131 + 250 + 272$
$825 := 5^0 + 16^0 + 19^2 + 21^1 + 21^2 = 50 + 160 + 192 + 211 + 212$	$825 := 9^0 + 10^0 + 11^2 + 26^1 + 26^2 = 90 + 100 + 112 + 261 + 262$
$825 := 5^1 + 10^0 + 17^2 + 23^2 + 27^0 = 51 + 100 + 172 + 232 + 270$	$825 := 9^0 + 10^0 + 20^2 + 20^2 + 23^1 = 90 + 100 + 202 + 202 + 231$
$825 := 5^1 + 11^0 + 17^2 + 23^2 + 26^0 = 51 + 110 + 172 + 232 + 260$	$825 := 9^0 + 12^0 + 15^2 + 22^1 + 24^2 = 90 + 120 + 152 + 221 + 242$
$825 := 5^1 + 12^0 + 17^2 + 23^2 + 25^0 = 51 + 120 + 172 + 232 + 250$	$825 := 9^0 + 12^0 + 19^2 + 21^1 + 21^2 = 90 + 120 + 192 + 211 + 212$
$825 := 5^1 + 13^0 + 17^2 + 23^2 + 24^0 = 51 + 130 + 172 + 232 + 240$	$825 := 9^0 + 15^1 + 18^0 + 18^2 + 22^2 = 90 + 151 + 180 + 182 + 222$
$825 := 5^1 + 14^0 + 17^2 + 23^0 + 23^2 = 51 + 140 + 172 + 230 + 232$	$825 := 9^0 + 9^2 + 13^1 + 24^0 + 27^2 = 90 + 92 + 131 + 240 + 272$
$825 := 5^1 + 15^0 + 17^2 + 22^0 + 23^2 = 51 + 150 + 172 + 220 + 232$	$825 := 9^2 + 10^0 + 13^1 + 23^0 + 27^2 = 92 + 100 + 131 + 230 + 272$
$825 := 5^1 + 16^0 + 17^2 + 21^0 + 23^2 = 51 + 160 + 172 + 210 + 232$	$825 := 9^2 + 11^0 + 13^1 + 22^0 + 27^2 = 92 + 110 + 131 + 220 + 272$
$825 := 5^1 + 17^0 + 17^2 + 20^0 + 23^2 = 51 + 170 + 172 + 200 + 232$	$825 := 9^2 + 12^0 + 13^1 + 21^0 + 27^2 = 92 + 120 + 131 + 210 + 272$
$825 := 5^1 + 17^2 + 18^0 + 19^0 + 23^2 = 51 + 172 + 180 + 190 + 232$	$825 := 9^2 + 13^0 + 13^1 + 20^0 + 27^2 = 92 + 130 + 131 + 200 + 272$
$825 := 6^0 + 11^2 + 13^0 + 26^1 + 26^2 = 60 + 112 + 130 + 261 + 262$	$825 := 9^2 + 13^1 + 14^0 + 19^0 + 27^2 = 92 + 131 + 140 + 190 + 272$
$825 := 6^0 + 13^0 + 20^2 + 20^2 + 23^1 = 60 + 130 + 202 + 202 + 231$	$825 := 9^2 + 13^1 + 15^0 + 18^0 + 27^2 = 92 + 131 + 150 + 180 + 272$
$825 := 6^0 + 15^0 + 15^2 + 22^1 + 24^2 = 60 + 150 + 152 + 221 + 242$	$825 := 9^2 + 13^1 + 16^0 + 17^0 + 27^2 = 92 + 131 + 160 + 170 + 272$
$825 := 6^0 + 15^0 + 19^2 + 21^1 + 21^2 = 60 + 150 + 192 + 211 + 212$	

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$826 := 8^3 + 16^2 + 58^1 = 83 + 162 + 581$	$826 := 2^1 + 7^2 + 27^2 + 46^1 = 21 + 72 + 272 + 461$
$826 := 1^0 + 8^3 + 16^2 + 57^1 = 10 + 83 + 162 + 571$	$826 := 2^2 + 14^2 + 25^2 + 41^0 = 22 + 142 + 252 + 410$
$826 := 1^1 + 7^2 + 27^2 + 47^1 = 11 + 72 + 272 + 471$	$826 := 2^3 + 19^0 + 28^2 + 33^1 = 23 + 190 + 282 + 331$
$826 := 1^3 + 13^0 + 28^2 + 40^1 = 13 + 130 + 282 + 401$	$826 := 3^1 + 7^2 + 27^2 + 45^1 = 31 + 72 + 272 + 451$
$826 := 10^2 + 10^2 + 25^2 + 37^0 = 102 + 102 + 252 + 370$	$826 := 3^3 + 14^1 + 28^2 + 37^0 = 33 + 141 + 282 + 370$
$826 := 10^2 + 14^2 + 23^2 + 35^0 = 102 + 142 + 232 + 350$	$826 := 4^1 + 7^2 + 27^2 + 44^1 = 41 + 72 + 272 + 441$
$826 := 13^2 + 16^2 + 20^2 + 33^0 = 132 + 162 + 202 + 330$	$826 := 4^2 + 5^2 + 28^2 + 45^0 = 42 + 52 + 282 + 450$

$826 := 4^3 + 19^0 + 27^2 + 32^1$	$= 43 + 190 + 272 + 321$	$826 := 1^1 + 11^2 + 17^0 + 26^2 + 27^1$	$= 11 + 112 + 170 + 262 + 271$
$826 := 5^1 + 7^2 + 27^2 + 43^1$	$= 51 + 72 + 272 + 431$	$826 := 1^1 + 15^2 + 19^0 + 23^1 + 24^2$	$= 11 + 152 + 190 + 231 + 242$
$826 := 5^2 + 20^2 + 20^2 + 37^0$	$= 52 + 202 + 202 + 370$	$826 := 1^1 + 16^1 + 18^2 + 22^2 + 25^0$	$= 11 + 161 + 182 + 222 + 250$
$826 := 5^3 + 24^1 + 26^2 + 27^0$	$= 53 + 241 + 262 + 270$	$826 := 1^1 + 17^0 + 20^2 + 20^2 + 24^1$	$= 11 + 170 + 202 + 202 + 241$
$826 := 6^1 + 7^2 + 27^2 + 42^1$	$= 61 + 72 + 272 + 421$	$826 := 1^1 + 19^0 + 19^2 + 21^2 + 22^1$	$= 11 + 190 + 192 + 212 + 221$
$826 := 6^2 + 7^0 + 9^3 + 60^1$	$= 62 + 70 + 93 + 601$	$826 := 10^0 + 10^2 + 18^2 + 20^2 + 24^0$	$= 100 + 102 + 182 + 202 + 240$
$826 := 6^3 + 19^0 + 24^2 + 33^1$	$= 63 + 190 + 242 + 331$	$826 := 10^0 + 12^2 + 14^2 + 22^2 + 24^0$	$= 100 + 122 + 142 + 222 + 240$
$826 := 7^1 + 7^2 + 27^2 + 41^1$	$= 71 + 72 + 272 + 411$	$826 := 10^1 + 11^2 + 17^0 + 18^1 + 26^2$	$= 101 + 112 + 170 + 181 + 262$
$826 := 7^2 + 10^1 + 27^2 + 38^1$	$= 72 + 101 + 272 + 381$	$826 := 10^1 + 13^0 + 13^2 + 21^1 + 25^2$	$= 101 + 130 + 132 + 211 + 252$
$826 := 7^2 + 10^2 + 26^2 + 39^0$	$= 72 + 102 + 262 + 390$	$826 := 10^1 + 13^1 + 19^0 + 19^2 + 21^2$	$= 101 + 131 + 190 + 192 + 212$
$826 := 7^2 + 11^1 + 27^2 + 37^1$	$= 72 + 111 + 272 + 371$	$826 := 10^1 + 14^1 + 15^2 + 19^0 + 24^2$	$= 101 + 141 + 152 + 190 + 242$
$826 := 7^2 + 12^1 + 27^2 + 36^1$	$= 72 + 121 + 272 + 361$	$826 := 10^1 + 15^1 + 17^0 + 20^2 + 20^2$	$= 101 + 151 + 170 + 202 + 202$
$826 := 7^2 + 13^1 + 27^2 + 35^1$	$= 72 + 131 + 272 + 351$	$826 := 10^2 + 11^0 + 18^2 + 20^2 + 23^0$	$= 102 + 110 + 182 + 202 + 230$
$826 := 7^2 + 14^1 + 27^2 + 34^1$	$= 72 + 141 + 272 + 341$	$826 := 10^2 + 12^0 + 18^2 + 20^2 + 22^0$	$= 102 + 120 + 182 + 202 + 220$
$826 := 7^2 + 15^1 + 27^2 + 33^1$	$= 72 + 151 + 272 + 331$	$826 := 10^2 + 13^0 + 18^2 + 20^2 + 21^0$	$= 102 + 130 + 182 + 202 + 210$
$826 := 7^2 + 16^1 + 27^2 + 32^1$	$= 72 + 161 + 272 + 321$	$826 := 10^2 + 14^0 + 18^2 + 20^0 + 20^2$	$= 102 + 140 + 182 + 200 + 202$
$826 := 7^2 + 17^1 + 27^2 + 31^1$	$= 72 + 171 + 272 + 311$	$826 := 10^2 + 15^0 + 18^2 + 19^0 + 20^2$	$= 102 + 150 + 182 + 190 + 202$
$826 := 7^2 + 18^1 + 27^2 + 30^1$	$= 72 + 181 + 272 + 301$	$826 := 10^2 + 16^0 + 18^0 + 18^2 + 20^2$	$= 102 + 160 + 180 + 182 + 202$
$826 := 7^2 + 19^1 + 27^2 + 29^1$	$= 72 + 191 + 272 + 291$	$826 := 10^2 + 17^0 + 17^0 + 18^2 + 20^2$	$= 102 + 170 + 170 + 182 + 202$
$826 := 7^2 + 20^1 + 27^2 + 28^1$	$= 72 + 201 + 272 + 281$	$826 := 11^0 + 12^2 + 14^2 + 22^2 + 23^0$	$= 110 + 122 + 142 + 222 + 230$
$826 := 7^2 + 21^1 + 27^1 + 27^2$	$= 72 + 211 + 271 + 272$	$826 := 11^1 + 11^2 + 17^0 + 17^1 + 26^2$	$= 111 + 112 + 170 + 171 + 262$
$826 := 7^2 + 22^1 + 26^1 + 27^2$	$= 72 + 221 + 261 + 272$	$826 := 11^1 + 12^1 + 19^0 + 19^2 + 21^2$	$= 111 + 121 + 190 + 192 + 212$
$826 := 7^2 + 23^1 + 25^1 + 27^2$	$= 72 + 231 + 251 + 272$	$826 := 11^1 + 13^0 + 13^2 + 20^1 + 25^2$	$= 111 + 130 + 132 + 201 + 252$
$826 := 7^2 + 24^1 + 24^1 + 27^2$	$= 72 + 241 + 241 + 272$	$826 := 11^1 + 13^1 + 15^2 + 19^0 + 24^2$	$= 111 + 131 + 152 + 190 + 242$
$826 := 7^2 + 8^1 + 27^2 + 40^1$	$= 72 + 81 + 272 + 401$	$826 := 11^1 + 14^1 + 17^0 + 20^2 + 20^2$	$= 111 + 141 + 170 + 202 + 202$
$826 := 7^2 + 9^1 + 27^2 + 39^1$	$= 72 + 91 + 272 + 391$	$826 := 11^2 + 12^1 + 16^1 + 17^0 + 26^2$	$= 112 + 121 + 161 + 170 + 262$
$826 := 7^2 + 9^3 + 19^0 + 47^1$	$= 72 + 93 + 190 + 471$	$826 := 11^2 + 13^1 + 15^1 + 17^0 + 26^2$	$= 112 + 131 + 151 + 170 + 262$
$826 := 7^3 + 13^0 + 21^2 + 41^1$	$= 73 + 130 + 212 + 411$	$826 := 11^2 + 14^1 + 14^1 + 17^0 + 26^2$	$= 112 + 141 + 141 + 170 + 262$
$826 := 8^2 + 19^2 + 20^2 + 35^0$	$= 82 + 192 + 202 + 350$	$826 := 12^0 + 12^2 + 14^2 + 22^0 + 22^2$	$= 120 + 122 + 142 + 220 + 222$
$826 := 8^2 + 9^3 + 32^1 + 33^0$	$= 82 + 93 + 321 + 330$	$826 := 12^1 + 12^1 + 15^2 + 19^0 + 24^2$	$= 121 + 121 + 152 + 190 + 242$
$826 := 8^3 + 16^2 + 58^1$	$= 83 + 162 + 581$	$826 := 12^1 + 13^0 + 13^2 + 19^1 + 25^2$	$= 121 + 130 + 132 + 191 + 252$
$826 := 8^3 + 17^2 + 24^1 + 33^0$	$= 83 + 172 + 241 + 330$	$826 := 12^1 + 13^1 + 17^0 + 20^2 + 20^2$	$= 121 + 131 + 170 + 202 + 202$
$826 := 9^2 + 9^3 + 15^1 + 49^0$	$= 92 + 93 + 151 + 490$	$826 := 12^2 + 13^0 + 14^2 + 21^0 + 22^2$	$= 122 + 130 + 142 + 210 + 222$
$826 := 1^0 + 5^3 + 23^1 + 26^2 + 27^0$	$= 10 + 53 + 231 + 262 + 270$	$826 := 12^2 + 14^0 + 14^2 + 20^0 + 22^2$	$= 122 + 140 + 142 + 200 + 222$
$826 := 1^0 + 7^2 + 20^1 + 27^1 + 27^2$	$= 10 + 72 + 201 + 271 + 272$	$826 := 12^2 + 14^2 + 15^0 + 19^0 + 22^2$	$= 122 + 142 + 150 + 190 + 222$
$826 := 1^0 + 7^2 + 21^1 + 26^1 + 27^2$	$= 10 + 72 + 211 + 261 + 272$	$826 := 12^2 + 14^2 + 16^0 + 18^0 + 22^2$	$= 122 + 142 + 160 + 180 + 222$
$826 := 1^0 + 7^2 + 22^1 + 25^1 + 27^2$	$= 10 + 72 + 221 + 251 + 272$	$826 := 12^2 + 14^2 + 17^0 + 17^0 + 22^2$	$= 122 + 142 + 170 + 170 + 222$
$826 := 1^0 + 7^2 + 23^1 + 24^1 + 27^2$	$= 10 + 72 + 231 + 241 + 272$	$826 := 13^0 + 13^1 + 13^2 + 18^1 + 25^2$	$= 130 + 131 + 132 + 181 + 252$

$$\begin{aligned} 826 &:= 13^0 + 13^2 + 14^1 + 17^1 + 25^2 = 130 + 132 + 141 + 171 + 252 & 826 &:= 4^2 + 13^0 + 18^2 + 22^2 + 25^0 = 42 + 130 + 182 + 222 + 250 \\ 826 &:= 13^0 + 13^2 + 15^1 + 16^1 + 25^2 = 130 + 132 + 151 + 161 + 252 & 826 &:= 4^2 + 14^0 + 18^2 + 22^2 + 24^0 = 42 + 140 + 182 + 222 + 240 \\ 826 &:= 2^0 + 5^3 + 23^1 + 26^0 + 26^2 = 20 + 53 + 231 + 260 + 262 & 826 &:= 4^2 + 15^0 + 18^2 + 22^2 + 23^0 = 42 + 150 + 182 + 222 + 230 \\ 826 &:= 2^1 + 11^2 + 17^0 + 26^1 + 26^2 = 21 + 112 + 170 + 261 + 262 & 826 &:= 4^2 + 16^0 + 18^2 + 22^0 + 22^2 = 42 + 160 + 182 + 220 + 222 \\ 826 &:= 2^1 + 15^1 + 18^2 + 22^2 + 25^0 = 21 + 151 + 182 + 222 + 250 & 826 &:= 4^2 + 17^0 + 18^2 + 21^0 + 22^2 = 42 + 170 + 182 + 210 + 222 \\ 826 &:= 2^1 + 15^2 + 19^0 + 22^1 + 24^2 = 21 + 152 + 190 + 221 + 242 & 826 &:= 4^2 + 18^0 + 18^2 + 20^0 + 22^2 = 42 + 180 + 182 + 200 + 222 \\ 826 &:= 2^1 + 17^0 + 20^2 + 20^2 + 23^1 = 21 + 170 + 202 + 202 + 231 & 826 &:= 4^2 + 18^2 + 19^0 + 19^0 + 22^2 = 42 + 182 + 190 + 190 + 222 \\ 826 &:= 2^1 + 19^0 + 19^2 + 21^1 + 21^2 = 21 + 190 + 192 + 211 + 212 & 826 &:= 5^0 + 5^3 + 23^0 + 23^1 + 26^2 = 50 + 53 + 230 + 231 + 262 \\ 826 &:= 2^2 + 12^2 + 15^0 + 26^2 + 27^0 = 22 + 122 + 150 + 262 + 270 & 826 &:= 5^1 + 11^2 + 17^0 + 23^1 + 26^2 = 51 + 112 + 170 + 231 + 262 \\ 826 &:= 2^2 + 12^2 + 16^0 + 26^0 + 26^2 = 22 + 122 + 160 + 260 + 262 & 826 &:= 5^1 + 12^1 + 18^2 + 22^2 + 25^0 = 51 + 121 + 182 + 222 + 250 \\ 826 &:= 2^2 + 12^2 + 17^0 + 25^0 + 26^2 = 22 + 122 + 170 + 250 + 262 & 826 &:= 5^1 + 13^0 + 13^2 + 25^2 + 26^1 = 51 + 130 + 132 + 252 + 261 \\ 826 &:= 2^2 + 12^2 + 18^0 + 24^0 + 26^2 = 22 + 122 + 180 + 240 + 262 & 826 &:= 5^1 + 15^2 + 19^0 + 19^1 + 24^2 = 51 + 152 + 190 + 191 + 242 \\ 826 &:= 2^2 + 12^2 + 19^0 + 23^0 + 26^2 = 22 + 122 + 190 + 230 + 262 & 826 &:= 5^1 + 17^0 + 20^1 + 20^2 + 20^2 = 51 + 170 + 201 + 202 + 202 \\ 826 &:= 2^2 + 12^2 + 20^0 + 22^0 + 26^2 = 22 + 122 + 200 + 220 + 262 & 826 &:= 5^1 + 18^1 + 19^0 + 19^2 + 21^2 = 51 + 181 + 190 + 192 + 212 \\ 826 &:= 2^2 + 12^2 + 21^0 + 21^0 + 26^2 = 22 + 122 + 210 + 210 + 262 & 826 &:= 5^1 + 8^2 + 15^0 + 27^1 + 27^2 = 51 + 82 + 150 + 271 + 272 \\ 826 &:= 3^0 + 13^1 + 16^2 + 23^2 + 27^1 = 30 + 131 + 162 + 232 + 271 & 826 &:= 5^3 + 10^0 + 18^0 + 23^1 + 26^2 = 53 + 100 + 180 + 231 + 262 \\ 826 &:= 3^0 + 14^1 + 16^2 + 23^2 + 26^1 = 30 + 141 + 162 + 232 + 261 & 826 &:= 5^3 + 11^0 + 17^0 + 23^1 + 26^2 = 53 + 110 + 170 + 231 + 262 \\ 826 &:= 3^0 + 15^1 + 16^2 + 23^2 + 25^1 = 30 + 151 + 162 + 232 + 251 & 826 &:= 5^3 + 12^0 + 16^0 + 23^1 + 26^2 = 53 + 120 + 160 + 231 + 262 \\ 826 &:= 3^0 + 16^1 + 16^2 + 23^2 + 24^1 = 30 + 161 + 162 + 232 + 241 & 826 &:= 5^3 + 13^0 + 15^0 + 23^1 + 26^2 = 53 + 130 + 150 + 231 + 262 \\ 826 &:= 3^0 + 16^2 + 17^1 + 23^1 + 23^2 = 30 + 162 + 171 + 231 + 232 & 826 &:= 5^3 + 14^0 + 14^0 + 23^1 + 26^2 = 53 + 140 + 140 + 231 + 262 \\ 826 &:= 3^0 + 16^2 + 18^1 + 22^1 + 23^2 = 30 + 162 + 181 + 221 + 232 & 826 &:= 5^3 + 6^0 + 22^0 + 23^1 + 26^2 = 53 + 60 + 220 + 231 + 262 \\ 826 &:= 3^0 + 16^2 + 19^1 + 21^1 + 23^2 = 30 + 162 + 191 + 211 + 232 & 826 &:= 5^3 + 7^0 + 21^0 + 23^1 + 26^2 = 53 + 70 + 210 + 231 + 262 \\ 826 &:= 3^0 + 16^2 + 20^1 + 20^1 + 23^2 = 30 + 162 + 201 + 201 + 232 & 826 &:= 5^3 + 8^0 + 20^0 + 23^1 + 26^2 = 53 + 80 + 200 + 231 + 262 \\ 826 &:= 3^0 + 5^3 + 23^1 + 25^0 + 26^2 = 30 + 53 + 231 + 250 + 262 & 826 &:= 5^3 + 9^0 + 19^0 + 23^1 + 26^2 = 53 + 90 + 190 + 231 + 262 \\ 826 &:= 3^1 + 11^2 + 17^0 + 25^1 + 26^2 = 31 + 112 + 170 + 251 + 262 & 826 &:= 6^1 + 11^1 + 18^2 + 22^2 + 25^0 = 61 + 111 + 182 + 222 + 250 \\ 826 &:= 3^1 + 14^1 + 18^2 + 22^2 + 25^0 = 31 + 141 + 182 + 222 + 250 & 826 &:= 6^1 + 11^2 + 17^0 + 22^1 + 26^2 = 61 + 112 + 170 + 221 + 262 \\ 826 &:= 3^1 + 15^2 + 19^0 + 21^1 + 24^2 = 31 + 152 + 190 + 211 + 242 & 826 &:= 6^1 + 13^0 + 13^2 + 25^1 + 25^2 = 61 + 130 + 132 + 251 + 252 \\ 826 &:= 3^1 + 17^0 + 20^2 + 20^2 + 22^1 = 31 + 170 + 202 + 202 + 221 & 826 &:= 6^1 + 15^2 + 18^1 + 19^0 + 24^2 = 61 + 152 + 181 + 190 + 242 \\ 826 &:= 3^1 + 19^0 + 19^2 + 20^1 + 21^2 = 31 + 190 + 192 + 201 + 212 & 826 &:= 6^1 + 17^0 + 19^1 + 20^2 + 20^2 = 61 + 170 + 191 + 202 + 202 \\ 826 &:= 4^0 + 5^3 + 23^1 + 24^0 + 26^2 = 40 + 53 + 231 + 240 + 262 & 826 &:= 6^1 + 17^1 + 19^0 + 19^2 + 21^2 = 61 + 171 + 190 + 192 + 212 \\ 826 &:= 4^1 + 11^2 + 17^0 + 24^1 + 26^2 = 41 + 112 + 170 + 241 + 262 & 826 &:= 6^1 + 8^2 + 15^0 + 26^1 + 27^2 = 61 + 82 + 150 + 261 + 272 \\ 826 &:= 4^1 + 13^0 + 13^2 + 25^2 + 27^1 = 41 + 130 + 132 + 252 + 271 & 826 &:= 7^0 + 10^2 + 18^2 + 20^2 + 27^0 = 70 + 102 + 182 + 202 + 270 \\ 826 &:= 4^1 + 13^1 + 18^2 + 22^2 + 25^0 = 41 + 131 + 182 + 222 + 250 & 826 &:= 7^0 + 12^2 + 14^2 + 22^2 + 27^0 = 70 + 122 + 142 + 222 + 270 \\ 826 &:= 4^1 + 15^2 + 19^0 + 20^1 + 24^2 = 41 + 152 + 190 + 201 + 242 & 826 &:= 7^0 + 8^3 + 17^2 + 23^1 + 27^0 = 70 + 83 + 172 + 231 + 270 \\ 826 &:= 4^1 + 17^0 + 20^2 + 20^2 + 21^1 = 41 + 170 + 202 + 202 + 211 & 826 &:= 7^1 + 10^1 + 18^2 + 22^2 + 25^0 = 71 + 101 + 182 + 222 + 250 \\ 826 &:= 4^1 + 19^0 + 19^1 + 19^2 + 21^2 = 41 + 190 + 191 + 192 + 212 & 826 &:= 7^1 + 11^2 + 17^0 + 21^1 + 26^2 = 71 + 112 + 170 + 211 + 262 \\ 826 &:= 4^2 + 11^0 + 18^2 + 22^2 + 27^0 = 42 + 110 + 182 + 222 + 270 & 826 &:= 7^1 + 13^0 + 13^2 + 24^1 + 25^2 = 71 + 130 + 132 + 241 + 252 \\ 826 &:= 4^2 + 12^0 + 18^2 + 22^2 + 26^0 = 42 + 120 + 182 + 222 + 260 & 826 &:= 7^1 + 15^2 + 17^1 + 19^0 + 24^2 = 71 + 152 + 171 + 190 + 242 \end{aligned}$$

$826 := 7^1 + 16^1 + 19^0 + 19^2 + 21^2 = 71 + 161 + 190 + 192 + 212$	$826 := 8^3 + 10^0 + 17^2 + 23^1 + 24^0 = 83 + 100 + 172 + 231 + 240$
$826 := 7^1 + 17^0 + 18^1 + 20^2 + 20^2 = 71 + 170 + 181 + 202 + 202$	$826 := 8^3 + 11^0 + 17^2 + 23^0 + 23^1 = 83 + 110 + 172 + 230 + 231$
$826 := 7^1 + 8^2 + 15^0 + 25^1 + 27^2 = 71 + 82 + 150 + 251 + 272$	$826 := 8^3 + 12^0 + 17^2 + 22^0 + 23^1 = 83 + 120 + 172 + 220 + 231$
$826 := 8^0 + 10^2 + 18^2 + 20^2 + 26^0 = 80 + 102 + 182 + 202 + 260$	$826 := 8^3 + 13^0 + 17^2 + 21^0 + 23^1 = 83 + 130 + 172 + 210 + 231$
$826 := 8^0 + 12^2 + 14^2 + 22^2 + 26^0 = 80 + 122 + 142 + 222 + 260$	$826 := 8^3 + 14^0 + 17^2 + 20^0 + 23^1 = 83 + 140 + 172 + 200 + 231$
$826 := 8^0 + 8^3 + 17^2 + 23^1 + 26^0 = 80 + 83 + 172 + 231 + 260$	$826 := 8^3 + 15^0 + 17^2 + 19^0 + 23^1 = 83 + 150 + 172 + 190 + 231$
$826 := 8^1 + 11^2 + 17^0 + 20^1 + 26^2 = 81 + 112 + 170 + 201 + 262$	$826 := 8^3 + 16^0 + 17^2 + 18^0 + 23^1 = 83 + 160 + 172 + 180 + 231$
$826 := 8^1 + 13^0 + 13^2 + 23^1 + 25^2 = 81 + 130 + 132 + 231 + 252$	$826 := 8^3 + 17^0 + 17^0 + 17^2 + 23^1 = 83 + 170 + 170 + 172 + 231$
$826 := 8^1 + 15^1 + 19^0 + 19^2 + 21^2 = 81 + 151 + 190 + 192 + 212$	$826 := 8^3 + 9^0 + 17^2 + 23^1 + 25^0 = 83 + 90 + 172 + 231 + 250$
$826 := 8^1 + 15^2 + 16^1 + 19^0 + 24^2 = 81 + 152 + 161 + 190 + 242$	$826 := 9^0 + 10^2 + 18^2 + 20^2 + 25^0 = 90 + 102 + 182 + 202 + 250$
$826 := 8^1 + 17^0 + 17^1 + 20^2 + 20^2 = 81 + 170 + 171 + 202 + 202$	$826 := 9^0 + 12^2 + 14^2 + 22^2 + 25^0 = 90 + 122 + 142 + 222 + 250$
$826 := 8^1 + 8^2 + 15^0 + 24^1 + 27^2 = 81 + 82 + 150 + 241 + 272$	$826 := 9^1 + 11^2 + 17^0 + 19^1 + 26^2 = 91 + 112 + 170 + 191 + 262$
$826 := 8^1 + 9^1 + 18^2 + 22^2 + 25^0 = 81 + 91 + 182 + 222 + 250$	$826 := 9^1 + 13^0 + 13^2 + 22^1 + 25^2 = 91 + 130 + 132 + 221 + 252$
$826 := 8^2 + 10^1 + 15^0 + 22^1 + 27^2 = 82 + 101 + 150 + 221 + 272$	$826 := 9^1 + 14^1 + 19^0 + 19^2 + 21^2 = 91 + 141 + 190 + 192 + 212$
$826 := 8^2 + 11^1 + 15^0 + 21^1 + 27^2 = 82 + 111 + 150 + 211 + 272$	$826 := 9^1 + 15^1 + 15^2 + 19^0 + 24^2 = 91 + 151 + 152 + 190 + 242$
$826 := 8^2 + 12^1 + 15^0 + 20^1 + 27^2 = 82 + 121 + 150 + 201 + 272$	$826 := 9^1 + 16^1 + 17^0 + 20^2 + 20^2 = 91 + 161 + 170 + 202 + 202$
$826 := 8^2 + 13^1 + 15^0 + 19^1 + 27^2 = 82 + 131 + 150 + 191 + 272$	$826 := 9^2 + 9^3 + 14^1 + 23^0 + 27^0 = 92 + 93 + 141 + 230 + 270$
$826 := 8^2 + 14^1 + 15^0 + 18^1 + 27^2 = 82 + 141 + 150 + 181 + 272$	$826 := 9^2 + 9^3 + 14^1 + 24^0 + 26^0 = 92 + 93 + 141 + 240 + 260$
$826 := 8^2 + 15^0 + 15^1 + 17^1 + 27^2 = 82 + 150 + 151 + 171 + 272$	$826 := 9^2 + 9^3 + 14^1 + 25^0 + 25^0 = 92 + 93 + 141 + 250 + 250$
$826 := 8^2 + 15^0 + 16^1 + 16^1 + 27^2 = 82 + 150 + 161 + 161 + 272$	
$826 := 8^2 + 9^1 + 15^0 + 23^1 + 27^2 = 82 + 91 + 150 + 231 + 272$	

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$827 := 1^4 + 12^0 + 28^2 + 41^1 = 14 + 120 + 282 + 411$	$827 := 6^3 + 13^2 + 21^2 + 42^0 = 63 + 132 + 212 + 420$
$827 := 1^5 + 2^7 + 5^4 + 73^1 = 15 + 27 + 54 + 731$	$827 := 6^3 + 9^2 + 23^2 + 44^0 = 63 + 92 + 232 + 440$
$827 := 1^8 + 3^6 + 5^2 + 72^1 = 18 + 36 + 52 + 721$	$827 := 1^1 + 5^3 + 24^1 + 26^0 + 26^2 = 11 + 53 + 241 + 260 + 262$
$827 := 1^9 + 3^5 + 23^2 + 54^1 = 19 + 35 + 232 + 541$	$827 := 1^2 + 15^2 + 18^0 + 24^1 + 24^2 = 12 + 152 + 180 + 241 + 242$
$827 := 2^3 + 17^2 + 23^2 + 40^0 = 23 + 172 + 232 + 400$	$827 := 1^2 + 16^0 + 20^2 + 20^2 + 25^1 = 12 + 160 + 202 + 202 + 251$
$827 := 2^4 + 26^0 + 26^1 + 28^2 = 24 + 260 + 261 + 282$	$827 := 1^2 + 17^1 + 18^2 + 22^2 + 24^0 = 12 + 171 + 182 + 222 + 240$
$827 := 3^4 + 16^1 + 27^2 + 36^0 = 34 + 161 + 272 + 360$	$827 := 1^2 + 18^0 + 19^2 + 21^2 + 23^1 = 12 + 180 + 192 + 212 + 231$
$827 := 4^2 + 9^2 + 9^3 + 60^0 = 42 + 92 + 93 + 600$	$827 := 1^8 + 3^5 + 23^2 + 27^1 + 27^1 = 18 + 35 + 232 + 271 + 271$
$827 := 4^3 + 9^3 + 33^1 + 36^0 = 43 + 93 + 331 + 360$	$827 := 10^0 + 11^2 + 14^2 + 22^2 + 25^1 = 100 + 112 + 142 + 222 + 251$
$827 := 4^4 + 14^0 + 23^2 + 41^1 = 44 + 140 + 232 + 411$	$827 := 10^0 + 15^2 + 17^2 + 17^2 + 23^1 = 100 + 152 + 172 + 172 + 231$
$827 := 5^1 + 5^4 + 14^2 + 58^0 = 51 + 54 + 142 + 580$	$827 := 10^2 + 15^2 + 17^1 + 18^0 + 22^2 = 102 + 152 + 171 + 180 + 222$
$827 := 5^2 + 5^3 + 26^2 + 46^0 = 52 + 53 + 262 + 460$	$827 := 11^2 + 14^0 + 18^2 + 19^2 + 20^1 = 112 + 140 + 182 + 192 + 201$
$827 := 5^2 + 8^3 + 17^2 + 52^0 = 52 + 83 + 172 + 520$	$827 := 11^2 + 16^1 + 17^2 + 18^0 + 20^2 = 112 + 161 + 172 + 180 + 202$
$827 := 5^4 + 13^2 + 32^0 + 32^1 = 54 + 132 + 320 + 321$	$827 := 12^0 + 15^2 + 16^2 + 18^2 + 21^1 = 120 + 152 + 162 + 182 + 211$
$827 := 5^4 + 8^0 + 12^2 + 57^1 = 54 + 80 + 122 + 571$	$827 := 12^2 + 15^2 + 16^1 + 18^0 + 21^2 = 122 + 152 + 161 + 180 + 212$

$$\begin{aligned} 827 &:= 13^1 + 14^2 + 16^2 + 19^2 + 20^0 = 131 + 142 + 162 + 192 + 200 & 827 &:= 4^3 + 15^0 + 19^2 + 20^2 + 24^0 = 43 + 150 + 192 + 202 + 240 \\ 827 &:= 13^2 + 14^0 + 14^2 + 20^1 + 21^2 = 132 + 140 + 142 + 201 + 212 & 827 &:= 4^3 + 15^1 + 18^0 + 18^1 + 27^2 = 43 + 151 + 180 + 181 + 272 \\ 827 &:= 14^2 + 16^0 + 17^1 + 17^2 + 18^2 = 142 + 160 + 171 + 172 + 182 & 827 &:= 4^3 + 16^0 + 19^2 + 20^2 + 23^0 = 43 + 160 + 192 + 202 + 230 \\ 827 &:= 15^1 + 15^2 + 15^2 + 18^0 + 19^2 = 151 + 152 + 152 + 180 + 192 & 827 &:= 4^3 + 16^1 + 17^1 + 18^0 + 27^2 = 43 + 161 + 171 + 180 + 272 \\ 827 &:= 2^1 + 5^3 + 23^1 + 26^0 + 26^2 = 21 + 53 + 231 + 260 + 262 & 827 &:= 4^3 + 17^0 + 19^2 + 20^2 + 22^0 = 43 + 170 + 192 + 202 + 220 \\ 827 &:= 2^2 + 11^2 + 18^0 + 25^1 + 26^2 = 22 + 112 + 180 + 251 + 262 & 827 &:= 4^3 + 18^0 + 19^2 + 20^2 + 21^0 = 43 + 180 + 192 + 202 + 210 \\ 827 &:= 2^2 + 14^1 + 18^2 + 22^2 + 26^0 = 22 + 141 + 182 + 222 + 260 & 827 &:= 4^3 + 19^0 + 19^2 + 20^0 + 20^2 = 43 + 190 + 192 + 200 + 202 \\ 827 &:= 2^2 + 15^2 + 20^0 + 21^1 + 24^2 = 22 + 152 + 200 + 211 + 242 & 827 &:= 4^3 + 6^1 + 18^0 + 27^1 + 27^2 = 43 + 61 + 180 + 271 + 272 \\ 827 &:= 2^2 + 18^0 + 20^2 + 20^2 + 22^1 = 22 + 180 + 202 + 202 + 221 & 827 &:= 4^3 + 7^1 + 18^0 + 26^1 + 27^2 = 43 + 71 + 180 + 261 + 272 \\ 827 &:= 2^2 + 19^2 + 20^0 + 20^1 + 21^2 = 22 + 192 + 200 + 201 + 212 & 827 &:= 4^3 + 8^1 + 18^0 + 25^1 + 27^2 = 43 + 81 + 180 + 251 + 272 \\ 827 &:= 3^1 + 5^3 + 22^1 + 26^0 + 26^2 = 31 + 53 + 221 + 260 + 262 & 827 &:= 4^3 + 9^1 + 18^0 + 24^1 + 27^2 = 43 + 91 + 180 + 241 + 272 \\ 827 &:= 3^2 + 11^2 + 20^1 + 22^0 + 26^2 = 32 + 112 + 201 + 220 + 262 & 827 &:= 5^1 + 5^3 + 20^1 + 26^0 + 26^2 = 51 + 53 + 201 + 260 + 262 \\ 827 &:= 3^2 + 13^2 + 18^0 + 23^1 + 25^2 = 32 + 132 + 180 + 231 + 252 & 827 &:= 5^2 + 10^2 + 16^0 + 25^1 + 26^2 = 52 + 102 + 160 + 251 + 262 \\ 827 &:= 3^2 + 15^1 + 19^2 + 21^2 + 24^0 = 32 + 151 + 192 + 212 + 240 & 827 &:= 5^2 + 16^1 + 16^2 + 22^0 + 23^2 = 52 + 161 + 162 + 220 + 232 \\ 827 &:= 3^2 + 15^2 + 16^1 + 24^0 + 24^2 = 32 + 152 + 161 + 240 + 242 & 827 &:= 5^2 + 7^2 + 20^0 + 23^1 + 27^2 = 52 + 72 + 200 + 231 + 272 \\ 827 &:= 3^2 + 17^1 + 20^2 + 20^2 + 22^0 = 32 + 171 + 202 + 202 + 220 & 827 &:= 5^3 + 10^1 + 15^1 + 26^0 + 26^2 = 53 + 101 + 151 + 260 + 262 \\ 827 &:= 3^2 + 8^2 + 20^0 + 24^1 + 27^2 = 32 + 82 + 200 + 241 + 272 & 827 &:= 5^3 + 11^1 + 14^1 + 26^0 + 26^2 = 53 + 111 + 141 + 260 + 262 \\ 827 &:= 3^4 + 10^0 + 15^1 + 27^0 + 27^2 = 34 + 100 + 151 + 270 + 272 & 827 &:= 5^3 + 12^1 + 13^1 + 26^0 + 26^2 = 53 + 121 + 131 + 260 + 262 \\ 827 &:= 3^4 + 11^0 + 15^1 + 26^0 + 27^2 = 34 + 110 + 151 + 260 + 272 & 827 &:= 5^3 + 6^1 + 19^1 + 26^0 + 26^2 = 53 + 61 + 191 + 260 + 262 \\ 827 &:= 3^4 + 12^0 + 15^1 + 25^0 + 27^2 = 34 + 120 + 151 + 250 + 272 & 827 &:= 5^3 + 7^1 + 18^1 + 26^0 + 26^2 = 53 + 71 + 181 + 260 + 262 \\ 827 &:= 3^4 + 13^0 + 15^1 + 24^0 + 27^2 = 34 + 130 + 151 + 240 + 272 & 827 &:= 5^3 + 8^1 + 17^1 + 26^0 + 26^2 = 53 + 81 + 171 + 260 + 262 \\ 827 &:= 3^4 + 14^0 + 15^1 + 23^0 + 27^2 = 34 + 140 + 151 + 230 + 272 & 827 &:= 5^3 + 9^1 + 16^1 + 26^0 + 26^2 = 53 + 91 + 161 + 260 + 262 \\ 827 &:= 3^4 + 15^0 + 15^1 + 22^0 + 27^2 = 34 + 150 + 151 + 220 + 272 & 827 &:= 6^2 + 10^2 + 14^1 + 26^0 + 26^2 = 62 + 102 + 141 + 260 + 262 \\ 827 &:= 3^4 + 15^1 + 16^0 + 21^0 + 27^2 = 34 + 151 + 160 + 210 + 272 & 827 &:= 6^2 + 12^0 + 18^2 + 21^2 + 25^1 = 62 + 120 + 182 + 212 + 251 \\ 827 &:= 3^4 + 15^1 + 17^0 + 20^0 + 27^2 = 34 + 151 + 170 + 200 + 272 & 827 &:= 6^2 + 12^2 + 18^0 + 21^1 + 25^2 = 62 + 122 + 180 + 211 + 252 \\ 827 &:= 3^4 + 15^1 + 18^0 + 19^0 + 27^2 = 34 + 151 + 180 + 190 + 272 & 827 &:= 6^2 + 14^2 + 18^1 + 20^0 + 24^2 = 62 + 142 + 181 + 200 + 242 \\ 827 &:= 4^1 + 5^3 + 21^1 + 26^0 + 26^2 = 41 + 53 + 211 + 260 + 262 & 827 &:= 6^2 + 17^1 + 17^2 + 20^0 + 22^2 = 62 + 171 + 172 + 200 + 222 \\ 827 &:= 4^2 + 13^2 + 16^1 + 24^0 + 25^2 = 42 + 132 + 161 + 240 + 252 & 827 &:= 6^2 + 6^2 + 18^0 + 25^1 + 27^2 = 62 + 62 + 180 + 251 + 272 \\ 827 &:= 4^2 + 14^0 + 16^2 + 23^2 + 25^1 = 42 + 140 + 162 + 232 + 251 & 827 &:= 6^3 + 10^1 + 18^0 + 24^1 + 24^2 = 63 + 101 + 180 + 241 + 242 \\ 827 &:= 4^2 + 8^2 + 17^1 + 26^0 + 27^2 = 42 + 82 + 171 + 260 + 272 & 827 &:= 6^3 + 11^1 + 18^0 + 23^1 + 24^2 = 63 + 111 + 180 + 231 + 242 \\ 827 &:= 4^3 + 10^1 + 18^0 + 23^1 + 27^2 = 43 + 101 + 180 + 231 + 272 & 827 &:= 6^3 + 12^1 + 18^0 + 22^1 + 24^2 = 63 + 121 + 180 + 221 + 242 \\ 827 &:= 4^3 + 11^1 + 18^0 + 22^1 + 27^2 = 43 + 111 + 180 + 221 + 272 & 827 &:= 6^3 + 13^1 + 18^0 + 21^1 + 24^2 = 63 + 131 + 180 + 211 + 242 \\ 827 &:= 4^3 + 12^0 + 19^2 + 20^2 + 27^0 = 43 + 120 + 192 + 202 + 270 & 827 &:= 6^3 + 14^1 + 18^0 + 20^1 + 24^2 = 63 + 141 + 180 + 201 + 242 \\ 827 &:= 4^3 + 12^1 + 18^0 + 21^1 + 27^2 = 43 + 121 + 180 + 211 + 272 & 827 &:= 6^3 + 15^1 + 18^0 + 19^1 + 24^2 = 63 + 151 + 180 + 191 + 242 \\ 827 &:= 4^3 + 13^0 + 19^2 + 20^2 + 26^0 = 43 + 130 + 192 + 202 + 260 & 827 &:= 6^3 + 16^1 + 18^0 + 18^1 + 24^2 = 63 + 161 + 180 + 181 + 242 \\ 827 &:= 4^3 + 13^1 + 18^0 + 20^1 + 27^2 = 43 + 131 + 180 + 201 + 272 & 827 &:= 6^3 + 17^1 + 17^1 + 18^0 + 24^2 = 63 + 171 + 171 + 180 + 242 \\ 827 &:= 4^3 + 14^0 + 19^2 + 20^2 + 25^0 = 43 + 140 + 192 + 202 + 250 & 827 &:= 6^3 + 7^1 + 18^0 + 24^2 + 27^1 = 63 + 71 + 180 + 242 + 271 \\ 827 &:= 4^3 + 14^1 + 18^0 + 19^1 + 27^2 = 43 + 141 + 180 + 191 + 272 & 827 &:= 6^3 + 8^1 + 18^0 + 24^2 + 26^1 = 63 + 81 + 180 + 242 + 261 \end{aligned}$$

$827 := 6^3 + 9^1 + 18^0 + 24^2 + 25^1 = 63 + 91 + 180 + 242 + 251$	$827 := 7^3 + 12^0 + 21^1 + 21^1 + 21^2 = 73 + 120 + 211 + 211 + 212$
$827 := 7^1 + 13^2 + 17^2 + 19^2 + 26^0 = 71 + 132 + 172 + 192 + 260$	$827 := 8^0 + 12^2 + 16^2 + 20^2 + 26^1 = 80 + 122 + 162 + 202 + 261$
$827 := 7^2 + 12^1 + 18^2 + 21^2 + 24^0 = 72 + 121 + 182 + 212 + 240$	$827 := 8^0 + 16^2 + 16^2 + 17^2 + 25^1 = 80 + 162 + 162 + 172 + 251$
$827 := 7^2 + 14^0 + 15^2 + 23^1 + 23^2 = 72 + 140 + 152 + 231 + 232$	$827 := 8^1 + 11^2 + 16^2 + 21^2 + 26^0 = 81 + 112 + 162 + 212 + 260$
$827 := 7^2 + 16^1 + 19^2 + 20^0 + 20^2 = 72 + 161 + 192 + 200 + 202$	$827 := 8^2 + 11^2 + 16^1 + 22^0 + 25^2 = 82 + 112 + 161 + 220 + 252$
$827 := 7^2 + 9^2 + 20^0 + 20^1 + 26^2 = 72 + 92 + 200 + 201 + 262$	$827 := 8^2 + 13^2 + 17^1 + 20^0 + 24^2 = 82 + 132 + 171 + 200 + 242$
$827 := 7^2 + 9^3 + 18^0 + 21^1 + 27^1 = 72 + 93 + 180 + 211 + 271$	$827 := 8^2 + 14^0 + 16^2 + 22^1 + 22^2 = 82 + 140 + 162 + 221 + 222$
$827 := 7^2 + 9^3 + 18^0 + 22^1 + 26^1 = 72 + 93 + 180 + 221 + 261$	$827 := 8^2 + 8^2 + 18^0 + 22^1 + 26^2 = 82 + 82 + 180 + 221 + 262$
$827 := 7^2 + 9^3 + 18^0 + 23^1 + 25^1 = 72 + 93 + 180 + 231 + 251$	$827 := 8^3 + 12^2 + 13^2 + 22^0 + 27^0 = 83 + 122 + 132 + 220 + 270$
$827 := 7^2 + 9^3 + 18^0 + 24^1 + 24^1 = 72 + 93 + 180 + 241 + 241$	$827 := 8^3 + 12^2 + 13^2 + 23^0 + 26^0 = 83 + 122 + 132 + 230 + 260$
$827 := 7^3 + 11^2 + 18^0 + 19^2 + 27^0 = 73 + 112 + 180 + 192 + 270$	$827 := 8^3 + 12^2 + 13^2 + 24^0 + 25^0 = 83 + 122 + 132 + 240 + 250$
$827 := 7^3 + 11^2 + 19^0 + 19^2 + 26^0 = 73 + 112 + 190 + 192 + 260$	$827 := 9^1 + 12^2 + 12^2 + 23^2 + 26^0 = 91 + 122 + 122 + 232 + 260$
$827 := 7^3 + 11^2 + 19^2 + 20^0 + 25^0 = 73 + 112 + 192 + 200 + 250$	$827 := 9^1 + 13^2 + 18^2 + 18^2 + 24^0 = 91 + 132 + 182 + 182 + 240$
$827 := 7^3 + 11^2 + 19^2 + 21^0 + 24^0 = 73 + 112 + 192 + 210 + 240$	$827 := 9^2 + 10^2 + 18^0 + 20^1 + 25^2 = 92 + 102 + 180 + 201 + 252$
$827 := 7^3 + 11^2 + 19^2 + 22^0 + 23^0 = 73 + 112 + 192 + 220 + 230$	$827 := 9^2 + 12^0 + 12^2 + 24^2 + 25^1 = 92 + 120 + 122 + 242 + 251$
$827 := 7^3 + 12^0 + 15^1 + 21^2 + 27^1 = 73 + 120 + 151 + 212 + 271$	$827 := 9^2 + 12^0 + 19^2 + 19^2 + 23^1 = 92 + 120 + 192 + 192 + 231$
$827 := 7^3 + 12^0 + 16^1 + 21^2 + 26^1 = 73 + 120 + 161 + 212 + 261$	$827 := 9^2 + 14^0 + 18^2 + 20^2 + 21^1 = 92 + 140 + 182 + 202 + 211$
$827 := 7^3 + 12^0 + 17^1 + 21^2 + 25^1 = 73 + 120 + 171 + 212 + 251$	$827 := 9^2 + 14^2 + 16^0 + 20^1 + 23^2 = 92 + 142 + 160 + 201 + 232$
$827 := 7^3 + 12^0 + 18^1 + 21^2 + 24^1 = 73 + 120 + 181 + 212 + 241$	$827 := 9^2 + 15^1 + 17^2 + 20^0 + 21^2 = 92 + 151 + 172 + 200 + 212$
$827 := 7^3 + 12^0 + 19^1 + 21^2 + 23^1 = 73 + 120 + 191 + 212 + 231$	
$827 := 7^3 + 12^0 + 20^1 + 21^2 + 22^1 = 73 + 120 + 201 + 212 + 221$	

2.2.729 Number 828

$828 := 3^5 + 23^2 + 56^1 = 35 + 232 + 561$	$828 := 3^5 + 8^1 + 24^2 + 47^0 = 35 + 81 + 242 + 470$
$828 := 1^0 + 3^5 + 23^2 + 55^1 = 10 + 35 + 232 + 551$	$828 := 4^3 + 18^2 + 20^2 + 40^1 = 43 + 182 + 202 + 401$
$828 := 1^3 + 16^2 + 23^2 + 42^1 = 13 + 162 + 232 + 421$	$828 := 4^4 + 8^3 + 11^0 + 59^1 = 44 + 83 + 110 + 591$
$828 := 1^5 + 11^0 + 28^2 + 42^1 = 15 + 110 + 282 + 421$	$828 := 5^4 + 9^2 + 11^2 + 57^0 = 54 + 92 + 112 + 570$
$828 := 2^2 + 8^3 + 16^2 + 56^1 = 22 + 83 + 162 + 561$	$828 := 6^2 + 6^3 + 23^2 + 47^1 = 62 + 63 + 232 + 471$
$828 := 2^3 + 10^2 + 26^2 + 44^1 = 23 + 102 + 262 + 441$	$828 := 6^2 + 7^3 + 20^2 + 49^1 = 62 + 73 + 202 + 491$
$828 := 2^5 + 11^1 + 28^2 + 41^0 = 25 + 111 + 282 + 410$	$828 := 6^3 + 13^2 + 20^2 + 43^1 = 63 + 132 + 202 + 431$
$828 := 2^8 + 2^9 + 18^0 + 59^1 = 28 + 29 + 180 + 591$	$828 := 8^3 + 11^2 + 12^2 + 51^1 = 83 + 112 + 122 + 511$
$828 := 3^2 + 5^2 + 9^3 + 65^1 = 32 + 52 + 93 + 651$	$828 := 1^2 + 15^1 + 16^2 + 23^2 + 27^1 = 12 + 151 + 162 + 232 + 271$
$828 := 3^3 + 19^2 + 20^2 + 40^1 = 33 + 192 + 202 + 401$	$828 := 1^2 + 16^1 + 16^2 + 23^2 + 26^1 = 12 + 161 + 162 + 232 + 261$
$828 := 3^3 + 5^2 + 27^2 + 47^1 = 33 + 52 + 272 + 471$	$828 := 1^2 + 16^2 + 17^1 + 23^2 + 25^1 = 12 + 162 + 171 + 232 + 251$
$828 := 3^3 + 9^2 + 26^2 + 44^1 = 33 + 92 + 262 + 441$	$828 := 1^2 + 16^2 + 18^1 + 23^2 + 24^1 = 12 + 162 + 181 + 232 + 241$
$828 := 3^4 + 11^2 + 25^2 + 43^0 = 34 + 112 + 252 + 430$	$828 := 1^2 + 16^2 + 19^1 + 23^1 + 23^2 = 12 + 162 + 191 + 231 + 232$
$828 := 3^4 + 9^3 + 17^1 + 53^0 = 34 + 93 + 171 + 530$	$828 := 1^2 + 16^2 + 20^1 + 22^1 + 23^2 = 12 + 162 + 201 + 221 + 232$
$828 := 3^5 + 23^2 + 56^1 = 35 + 232 + 561$	$828 := 1^2 + 16^2 + 21^1 + 21^1 + 23^2 = 12 + 162 + 211 + 211 + 232$

$$\begin{aligned} 828 &:= 1^2 + 5^3 + 25^0 + 25^1 + 26^2 = 12 + 53 + 250 + 251 + 262 & 828 &:= 2^4 + 9^2 + 19^0 + 25^0 + 27^2 = 24 + 92 + 190 + 250 + 272 \\ 828 &:= 1^3 + 15^0 + 20^2 + 20^2 + 26^1 = 13 + 150 + 202 + 202 + 261 & 828 &:= 2^4 + 9^2 + 20^0 + 24^0 + 27^2 = 24 + 92 + 200 + 240 + 272 \\ 828 &:= 1^3 + 15^2 + 17^0 + 24^2 + 25^1 = 13 + 152 + 170 + 242 + 251 & 828 &:= 2^4 + 9^2 + 21^0 + 23^0 + 27^2 = 24 + 92 + 210 + 230 + 272 \\ 828 &:= 1^3 + 17^0 + 19^2 + 21^2 + 24^1 = 13 + 170 + 192 + 212 + 241 & 828 &:= 2^4 + 9^2 + 22^0 + 22^0 + 27^2 = 24 + 92 + 220 + 220 + 272 \\ 828 &:= 1^3 + 18^1 + 18^2 + 22^2 + 23^0 = 13 + 181 + 182 + 222 + 230 & 828 &:= 3^2 + 10^2 + 16^1 + 26^2 + 27^1 = 32 + 102 + 161 + 262 + 271 \\ 828 &:= 10^1 + 12^2 + 17^2 + 19^2 + 24^1 = 101 + 122 + 172 + 192 + 241 & 828 &:= 3^2 + 10^2 + 17^1 + 26^1 + 26^2 = 32 + 102 + 171 + 261 + 262 \\ 828 &:= 10^1 + 13^2 + 15^2 + 20^2 + 24^1 = 101 + 132 + 152 + 202 + 241 & 828 &:= 3^2 + 10^2 + 18^1 + 25^1 + 26^2 = 32 + 102 + 181 + 251 + 262 \\ 828 &:= 11^1 + 12^2 + 17^2 + 19^2 + 23^1 = 111 + 122 + 172 + 192 + 231 & 828 &:= 3^2 + 10^2 + 19^1 + 24^1 + 26^2 = 32 + 102 + 191 + 241 + 262 \\ 828 &:= 11^1 + 13^2 + 15^2 + 20^2 + 23^1 = 111 + 132 + 152 + 202 + 231 & 828 &:= 3^2 + 10^2 + 20^1 + 23^1 + 26^2 = 32 + 102 + 201 + 231 + 262 \\ 828 &:= 11^2 + 11^2 + 12^2 + 21^2 + 27^0 = 112 + 112 + 122 + 212 + 270 & 828 &:= 3^2 + 10^2 + 21^1 + 22^1 + 26^2 = 32 + 102 + 211 + 221 + 262 \\ 828 &:= 11^2 + 15^2 + 15^2 + 16^2 + 25^0 = 112 + 152 + 152 + 162 + 250 & 828 &:= 3^2 + 4^3 + 23^0 + 25^1 + 27^2 = 32 + 43 + 230 + 251 + 272 \\ 828 &:= 12^1 + 12^2 + 17^2 + 19^2 + 22^1 = 121 + 122 + 172 + 192 + 221 & 828 &:= 3^2 + 6^3 + 23^0 + 24^2 + 26^1 = 32 + 63 + 230 + 242 + 261 \\ 828 &:= 12^1 + 13^2 + 15^2 + 20^2 + 22^1 = 121 + 132 + 152 + 202 + 221 & 828 &:= 3^3 + 10^2 + 19^0 + 24^1 + 26^2 = 33 + 102 + 190 + 241 + 262 \\ 828 &:= 12^2 + 13^1 + 17^2 + 19^2 + 21^1 = 122 + 131 + 172 + 192 + 211 & 828 &:= 3^3 + 13^0 + 17^2 + 22^2 + 27^1 = 33 + 130 + 172 + 222 + 271 \\ 828 &:= 12^2 + 13^2 + 15^2 + 17^2 + 25^0 = 122 + 132 + 152 + 172 + 250 & 828 &:= 3^3 + 15^1 + 16^2 + 23^2 + 25^0 = 33 + 151 + 162 + 232 + 250 \\ 828 &:= 12^2 + 14^1 + 17^2 + 19^2 + 20^1 = 122 + 141 + 172 + 192 + 201 & 828 &:= 3^3 + 7^2 + 22^1 + 23^0 + 27^2 = 33 + 72 + 221 + 230 + 272 \\ 828 &:= 12^2 + 15^1 + 17^2 + 19^1 + 19^2 = 122 + 151 + 172 + 191 + 192 & 828 &:= 3^4 + 13^2 + 15^0 + 24^2 + 27^0 = 34 + 132 + 150 + 242 + 270 \\ 828 &:= 12^2 + 16^1 + 17^2 + 18^1 + 19^2 = 122 + 161 + 172 + 181 + 192 & 828 &:= 3^4 + 13^2 + 16^0 + 24^2 + 26^0 = 34 + 132 + 160 + 242 + 260 \\ 828 &:= 12^2 + 17^1 + 17^1 + 17^2 + 19^2 = 122 + 171 + 171 + 172 + 192 & 828 &:= 3^4 + 13^2 + 17^0 + 24^2 + 25^0 = 34 + 132 + 170 + 242 + 250 \\ 828 &:= 13^1 + 13^2 + 15^2 + 20^2 + 21^1 = 131 + 132 + 152 + 202 + 211 & 828 &:= 3^4 + 13^2 + 18^0 + 24^0 + 24^2 = 34 + 132 + 180 + 240 + 242 \\ 828 &:= 13^2 + 14^1 + 15^2 + 20^1 + 20^2 = 132 + 141 + 152 + 201 + 202 & 828 &:= 3^4 + 13^2 + 19^0 + 23^0 + 24^2 = 34 + 132 + 190 + 230 + 242 \\ 828 &:= 13^2 + 15^1 + 15^2 + 19^1 + 20^2 = 132 + 151 + 152 + 191 + 202 & 828 &:= 3^4 + 13^2 + 20^0 + 22^0 + 24^2 = 34 + 132 + 200 + 220 + 242 \\ 828 &:= 13^2 + 15^2 + 16^1 + 18^1 + 20^2 = 132 + 152 + 161 + 181 + 202 & 828 &:= 3^4 + 13^2 + 21^0 + 21^0 + 24^2 = 34 + 132 + 210 + 210 + 242 \\ 828 &:= 13^2 + 15^2 + 17^1 + 17^1 + 20^2 = 132 + 152 + 171 + 171 + 202 & 828 &:= 3^4 + 4^2 + 21^0 + 27^0 + 27^2 = 34 + 42 + 210 + 270 + 272 \\ 828 &:= 2^2 + 5^3 + 22^1 + 26^2 + 27^0 = 22 + 53 + 221 + 262 + 270 & 828 &:= 3^4 + 4^2 + 22^0 + 26^0 + 27^2 = 34 + 42 + 220 + 260 + 272 \\ 828 &:= 2^2 + 7^2 + 19^1 + 27^1 + 27^2 = 22 + 72 + 191 + 271 + 272 & 828 &:= 3^4 + 4^2 + 23^0 + 25^0 + 27^2 = 34 + 42 + 230 + 250 + 272 \\ 828 &:= 2^2 + 7^2 + 20^1 + 26^1 + 27^2 = 22 + 72 + 201 + 261 + 272 & 828 &:= 3^4 + 4^2 + 24^0 + 24^0 + 27^2 = 34 + 42 + 240 + 240 + 272 \\ 828 &:= 2^2 + 7^2 + 21^1 + 25^1 + 27^2 = 22 + 72 + 211 + 251 + 272 & 828 &:= 3^4 + 9^3 + 16^1 + 27^0 + 27^0 = 34 + 93 + 161 + 270 + 270 \\ 828 &:= 2^2 + 7^2 + 22^1 + 24^1 + 27^2 = 22 + 72 + 221 + 241 + 272 & 828 &:= 3^5 + 7^1 + 21^0 + 24^2 + 27^0 = 35 + 71 + 210 + 242 + 270 \\ 828 &:= 2^2 + 7^2 + 23^1 + 23^1 + 27^2 = 22 + 72 + 231 + 231 + 272 & 828 &:= 3^5 + 7^1 + 22^0 + 24^2 + 26^0 = 35 + 71 + 220 + 242 + 260 \\ 828 &:= 2^3 + 11^2 + 21^0 + 22^1 + 26^2 = 23 + 112 + 210 + 221 + 262 & 828 &:= 3^5 + 7^1 + 23^0 + 24^2 + 25^0 = 35 + 71 + 230 + 242 + 250 \\ 828 &:= 2^3 + 13^2 + 17^0 + 25^1 + 25^2 = 23 + 132 + 170 + 251 + 252 & 828 &:= 3^5 + 7^1 + 24^0 + 24^0 + 24^2 = 35 + 71 + 240 + 240 + 242 \\ 828 &:= 2^3 + 15^2 + 18^1 + 23^0 + 24^2 = 23 + 152 + 181 + 230 + 242 & 828 &:= 4^2 + 12^1 + 17^2 + 22^2 + 27^1 = 42 + 121 + 172 + 222 + 271 \\ 828 &:= 2^3 + 17^1 + 19^2 + 21^2 + 23^0 = 23 + 171 + 192 + 212 + 230 & 828 &:= 4^2 + 13^1 + 14^2 + 24^2 + 27^1 = 42 + 131 + 142 + 242 + 271 \\ 828 &:= 2^3 + 19^1 + 20^2 + 20^2 + 21^0 = 23 + 191 + 202 + 202 + 210 & 828 &:= 4^2 + 13^1 + 17^2 + 22^2 + 26^1 = 42 + 131 + 172 + 222 + 261 \\ 828 &:= 2^3 + 8^2 + 19^0 + 26^1 + 27^2 = 23 + 82 + 190 + 261 + 272 & 828 &:= 4^2 + 14^1 + 14^2 + 24^2 + 26^1 = 42 + 141 + 142 + 242 + 261 \\ 828 &:= 2^4 + 9^2 + 17^0 + 27^0 + 27^2 = 24 + 92 + 170 + 270 + 272 & 828 &:= 4^2 + 14^1 + 17^2 + 22^2 + 25^1 = 42 + 141 + 172 + 222 + 251 \\ 828 &:= 2^4 + 9^2 + 18^0 + 26^0 + 27^2 = 24 + 92 + 180 + 260 + 272 & 828 &:= 4^2 + 14^2 + 15^1 + 24^2 + 25^1 = 42 + 142 + 151 + 242 + 251 \end{aligned}$$

$$\begin{aligned} 828 &:= 4^2 + 14^2 + 16^1 + 24^1 + 24^2 = 42 + 142 + 161 + 241 + 242 & 828 &:= 5^3 + 5^3 + 24^0 + 24^0 + 24^2 = 53 + 53 + 240 + 240 + 242 \\ 828 &:= 4^2 + 14^2 + 17^1 + 23^1 + 24^2 = 42 + 142 + 171 + 231 + 242 & 828 &:= 6^2 + 11^1 + 15^2 + 23^2 + 27^1 = 62 + 111 + 152 + 232 + 271 \\ 828 &:= 4^2 + 14^2 + 18^1 + 22^1 + 24^2 = 42 + 142 + 181 + 221 + 242 & 828 &:= 6^2 + 12^1 + 15^2 + 23^2 + 26^1 = 62 + 121 + 152 + 232 + 261 \\ 828 &:= 4^2 + 14^2 + 19^1 + 21^1 + 24^2 = 42 + 142 + 191 + 211 + 242 & 828 &:= 6^2 + 13^1 + 15^2 + 23^2 + 25^1 = 62 + 131 + 152 + 232 + 251 \\ 828 &:= 4^2 + 14^2 + 20^1 + 20^1 + 24^2 = 42 + 142 + 201 + 201 + 242 & 828 &:= 6^2 + 14^1 + 15^2 + 23^2 + 24^1 = 62 + 141 + 152 + 232 + 241 \\ 828 &:= 4^2 + 15^1 + 17^2 + 22^2 + 24^1 = 42 + 151 + 172 + 222 + 241 & 828 &:= 6^2 + 15^1 + 15^2 + 23^1 + 23^2 = 62 + 151 + 152 + 231 + 232 \\ 828 &:= 4^2 + 16^1 + 17^2 + 22^2 + 23^1 = 42 + 161 + 172 + 222 + 231 & 828 &:= 6^2 + 15^2 + 16^1 + 22^1 + 23^2 = 62 + 152 + 161 + 221 + 232 \\ 828 &:= 4^2 + 17^1 + 17^2 + 22^1 + 22^2 = 42 + 171 + 172 + 221 + 222 & 828 &:= 6^2 + 15^2 + 17^1 + 21^1 + 23^2 = 62 + 152 + 171 + 211 + 232 \\ 828 &:= 4^2 + 17^2 + 18^1 + 21^1 + 22^2 = 42 + 172 + 181 + 211 + 222 & 828 &:= 6^2 + 15^2 + 18^1 + 20^1 + 23^2 = 62 + 152 + 181 + 201 + 232 \\ 828 &:= 4^2 + 17^2 + 19^1 + 20^1 + 22^2 = 42 + 172 + 191 + 201 + 222 & 828 &:= 6^2 + 15^2 + 19^1 + 19^1 + 23^2 = 62 + 152 + 191 + 191 + 232 \\ 828 &:= 4^2 + 7^3 + 21^2 + 23^0 + 27^1 = 42 + 73 + 212 + 230 + 271 & 828 &:= 6^3 + 10^2 + 17^0 + 22^2 + 27^1 = 63 + 102 + 170 + 222 + 271 \\ 828 &:= 4^3 + 11^2 + 17^1 + 25^0 + 25^2 = 43 + 112 + 171 + 250 + 252 & 828 &:= 6^3 + 12^2 + 17^0 + 21^2 + 26^1 = 63 + 122 + 170 + 212 + 261 \\ 828 &:= 4^3 + 13^2 + 18^1 + 23^0 + 24^2 = 43 + 132 + 181 + 230 + 242 & 828 &:= 6^3 + 14^2 + 15^1 + 20^2 + 27^0 = 63 + 142 + 151 + 202 + 270 \\ 828 &:= 4^3 + 16^2 + 17^0 + 22^2 + 23^1 = 43 + 162 + 170 + 222 + 231 & 828 &:= 6^3 + 15^2 + 17^0 + 19^2 + 25^1 = 63 + 152 + 170 + 192 + 251 \\ 828 &:= 4^3 + 8^2 + 21^0 + 23^1 + 26^2 = 43 + 82 + 210 + 231 + 262 & 828 &:= 6^3 + 8^2 + 18^1 + 23^2 + 27^0 = 63 + 82 + 181 + 232 + 270 \\ 828 &:= 4^4 + 13^0 + 15^1 + 23^2 + 27^1 = 44 + 130 + 151 + 232 + 271 & 828 &:= 7^1 + 12^2 + 17^2 + 19^2 + 27^1 = 71 + 122 + 172 + 192 + 271 \\ 828 &:= 4^4 + 13^0 + 16^1 + 23^2 + 26^1 = 44 + 130 + 161 + 232 + 261 & 828 &:= 7^1 + 13^2 + 15^2 + 20^2 + 27^1 = 71 + 132 + 152 + 202 + 271 \\ 828 &:= 4^4 + 13^0 + 17^1 + 23^2 + 25^1 = 44 + 130 + 171 + 232 + 251 & 828 &:= 7^3 + 10^2 + 19^2 + 23^0 + 23^1 = 73 + 102 + 192 + 230 + 231 \\ 828 &:= 4^4 + 13^0 + 18^1 + 23^2 + 24^1 = 44 + 130 + 181 + 232 + 241 & 828 &:= 7^3 + 13^2 + 17^2 + 19^0 + 26^1 = 73 + 132 + 172 + 190 + 261 \\ 828 &:= 4^4 + 13^0 + 19^1 + 23^1 + 23^2 = 44 + 130 + 191 + 231 + 232 & 828 &:= 7^3 + 8^2 + 20^1 + 20^2 + 27^0 = 73 + 82 + 201 + 202 + 270 \\ 828 &:= 4^4 + 13^0 + 20^1 + 22^1 + 23^2 = 44 + 130 + 201 + 221 + 232 & 828 &:= 8^1 + 12^2 + 17^2 + 19^2 + 26^1 = 81 + 122 + 172 + 192 + 261 \\ 828 &:= 4^4 + 13^0 + 21^1 + 21^1 + 23^2 = 44 + 130 + 211 + 211 + 232 & 828 &:= 8^1 + 13^2 + 15^2 + 20^2 + 26^1 = 81 + 132 + 152 + 202 + 261 \\ 828 &:= 5^2 + 11^1 + 18^2 + 21^2 + 27^1 = 52 + 111 + 182 + 212 + 271 & 828 &:= 8^2 + 10^2 + 12^1 + 25^2 + 27^1 = 82 + 102 + 121 + 252 + 271 \\ 828 &:= 5^2 + 12^1 + 18^2 + 21^2 + 26^1 = 52 + 121 + 182 + 212 + 261 & 828 &:= 8^2 + 10^2 + 13^1 + 25^2 + 26^1 = 82 + 102 + 131 + 252 + 261 \\ 828 &:= 5^2 + 13^1 + 18^2 + 21^2 + 25^1 = 52 + 131 + 182 + 212 + 251 & 828 &:= 8^2 + 10^2 + 14^1 + 25^1 + 25^2 = 82 + 102 + 141 + 251 + 252 \\ 828 &:= 5^2 + 14^1 + 18^2 + 21^2 + 24^1 = 52 + 141 + 182 + 212 + 241 & 828 &:= 8^2 + 10^2 + 15^1 + 24^1 + 25^2 = 82 + 102 + 151 + 241 + 252 \\ 828 &:= 5^2 + 15^1 + 18^2 + 21^2 + 23^1 = 52 + 151 + 182 + 212 + 231 & 828 &:= 8^2 + 10^2 + 16^1 + 23^1 + 25^2 = 82 + 102 + 161 + 231 + 252 \\ 828 &:= 5^2 + 16^1 + 18^2 + 21^2 + 22^1 = 52 + 161 + 182 + 212 + 221 & 828 &:= 8^2 + 10^2 + 17^1 + 22^1 + 25^2 = 82 + 102 + 171 + 221 + 252 \\ 828 &:= 5^2 + 17^1 + 18^2 + 21^1 + 21^2 = 52 + 171 + 182 + 211 + 212 & 828 &:= 8^2 + 10^2 + 18^1 + 21^1 + 25^2 = 82 + 102 + 181 + 211 + 252 \\ 828 &:= 5^2 + 18^1 + 18^2 + 20^1 + 21^2 = 52 + 181 + 182 + 201 + 212 & 828 &:= 8^2 + 10^2 + 19^1 + 20^1 + 25^2 = 82 + 102 + 191 + 201 + 252 \\ 828 &:= 5^2 + 18^2 + 19^1 + 19^1 + 21^2 = 52 + 182 + 191 + 191 + 212 & 828 &:= 8^2 + 8^3 + 15^2 + 25^0 + 26^1 = 82 + 83 + 152 + 250 + 261 \\ 828 &:= 5^3 + 10^2 + 17^0 + 24^2 + 26^1 = 53 + 102 + 170 + 242 + 261 & 828 &:= 8^3 + 11^2 + 13^2 + 25^0 + 25^1 = 83 + 112 + 132 + 250 + 251 \\ 828 &:= 5^3 + 13^1 + 17^2 + 20^2 + 27^0 = 53 + 131 + 172 + 202 + 270 & 828 &:= 8^3 + 12^2 + 12^2 + 23^0 + 27^1 = 83 + 122 + 122 + 230 + 271 \\ 828 &:= 5^3 + 14^2 + 19^0 + 22^1 + 22^2 = 53 + 142 + 190 + 221 + 222 & 828 &:= 9^1 + 12^2 + 17^2 + 19^2 + 25^1 = 91 + 122 + 172 + 192 + 251 \\ 828 &:= 5^3 + 17^1 + 18^2 + 19^2 + 23^0 = 53 + 171 + 182 + 192 + 230 & 828 &:= 9^1 + 13^2 + 15^2 + 20^2 + 25^1 = 91 + 132 + 152 + 202 + 251 \\ 828 &:= 5^3 + 5^3 + 21^0 + 24^2 + 27^0 = 53 + 53 + 210 + 242 + 270 & 828 &:= 9^2 + 11^2 + 15^2 + 20^2 + 27^0 = 92 + 112 + 152 + 202 + 270 \\ 828 &:= 5^3 + 5^3 + 22^0 + 24^2 + 26^0 = 53 + 53 + 220 + 242 + 260 & & \\ 828 &:= 5^3 + 5^3 + 23^0 + 24^2 + 25^0 = 53 + 53 + 230 + 242 + 250 & & \end{aligned}$$

2.2.730 Number 829

$$\begin{aligned}
 829 &:= 1^4 + 7^3 + 22^2 + 52^0 &= 14 + 73 + 222 + 520 \\
 829 &:= 1^6 + 10^0 + 28^2 + 43^1 &= 16 + 100 + 282 + 431 \\
 829 &:= 2^5 + 4^0 + 9^3 + 67^1 &= 25 + 40 + 93 + 671 \\
 829 &:= 2^6 + 18^0 + 27^2 + 35^1 &= 26 + 180 + 272 + 351 \\
 829 &:= 2^8 + 2^8 + 16^2 + 61^1 &= 28 + 28 + 162 + 611 \\
 829 &:= 3^2 + 3^5 + 24^2 + 52^0 &= 32 + 35 + 242 + 520 \\
 829 &:= 3^5 + 12^2 + 21^2 + 46^0 &= 35 + 122 + 212 + 460 \\
 829 &:= 3^6 + 6^2 + 10^0 + 63^1 &= 36 + 62 + 100 + 631 \\
 829 &:= 3^6 + 7^2 + 22^0 + 50^1 &= 36 + 72 + 220 + 501 \\
 829 &:= 3^6 + 8^2 + 35^1 + 36^0 &= 36 + 82 + 351 + 360 \\
 829 &:= 3^6 + 9^2 + 18^1 + 52^0 &= 36 + 92 + 181 + 520 \\
 829 &:= 1^3 + 5^3 + 24^0 + 26^1 + 26^2 &= 13 + 53 + 240 + 261 + 262 \\
 829 &:= 1^4 + 14^0 + 20^2 + 20^2 + 27^1 &= 14 + 140 + 202 + 202 + 271 \\
 829 &:= 1^4 + 15^2 + 16^0 + 24^2 + 26^1 &= 14 + 152 + 160 + 242 + 261 \\
 829 &:= 1^4 + 16^0 + 19^2 + 21^2 + 25^1 &= 14 + 160 + 192 + 212 + 251 \\
 829 &:= 1^4 + 18^2 + 19^1 + 22^0 + 22^2 &= 14 + 182 + 191 + 220 + 222 \\
 829 &:= 2^3 + 4^3 + 22^0 + 27^1 + 27^2 &= 23 + 43 + 220 + 271 + 272 \\
 829 &:= 2^4 + 13^2 + 18^1 + 24^0 + 25^2 &= 24 + 132 + 181 + 240 + 252 \\
 829 &:= 2^4 + 14^0 + 16^2 + 23^2 + 27^1 &= 24 + 140 + 162 + 232 + 271
 \end{aligned}$$

$$\begin{aligned}
 829 &:= 2^4 + 8^2 + 19^1 + 26^0 + 27^2 &= 24 + 82 + 191 + 260 + 272 \\
 829 &:= 3^4 + 10^2 + 22^0 + 22^1 + 25^2 &= 34 + 102 + 220 + 221 + 252 \\
 829 &:= 3^4 + 12^2 + 16^0 + 24^2 + 27^1 &= 34 + 122 + 160 + 242 + 271 \\
 829 &:= 3^4 + 14^2 + 20^0 + 22^1 + 23^2 &= 34 + 142 + 200 + 221 + 232 \\
 829 &:= 3^4 + 16^0 + 19^2 + 19^2 + 25^1 &= 34 + 160 + 192 + 192 + 251 \\
 829 &:= 3^4 + 17^1 + 17^2 + 21^2 + 24^0 &= 34 + 171 + 172 + 212 + 240 \\
 829 &:= 3^4 + 18^0 + 18^2 + 20^2 + 23^1 &= 34 + 180 + 182 + 202 + 231 \\
 829 &:= 3^4 + 7^2 + 22^1 + 24^0 + 26^2 &= 34 + 72 + 221 + 240 + 262 \\
 829 &:= 3^5 + 10^2 + 20^0 + 22^2 + 27^0 &= 35 + 102 + 200 + 222 + 270 \\
 829 &:= 3^5 + 10^2 + 21^0 + 22^2 + 26^0 &= 35 + 102 + 210 + 222 + 260 \\
 829 &:= 3^5 + 10^2 + 22^0 + 22^2 + 25^0 &= 35 + 102 + 220 + 222 + 250 \\
 829 &:= 3^5 + 10^2 + 22^2 + 23^0 + 24^0 &= 35 + 102 + 222 + 230 + 240 \\
 829 &:= 3^6 + 9^2 + 17^1 + 26^0 + 27^0 &= 36 + 92 + 171 + 260 + 270 \\
 829 &:= 4^2 + 4^4 + 23^2 + 24^0 + 27^1 &= 42 + 44 + 232 + 240 + 271 \\
 829 &:= 4^3 + 4^3 + 24^0 + 24^1 + 26^2 &= 43 + 43 + 240 + 241 + 262 \\
 829 &:= 4^4 + 15^2 + 18^2 + 22^0 + 23^1 &= 44 + 152 + 182 + 220 + 231 \\
 829 &:= 4^4 + 16^2 + 17^2 + 18^0 + 27^1 &= 44 + 162 + 172 + 180 + 271 \\
 829 &:= 4^4 + 8^2 + 22^2 + 24^0 + 24^1 &= 44 + 82 + 222 + 240 + 241
 \end{aligned}$$

2.2.731 Number 830

$$\begin{aligned}
 830 &:= 1^7 + 9^0 + 28^2 + 44^1 &= 17 + 90 + 282 + 441 \\
 830 &:= 2^2 + 3^5 + 23^2 + 54^1 &= 22 + 35 + 232 + 541 \\
 830 &:= 2^6 + 18^2 + 21^2 + 41^0 &= 26 + 182 + 212 + 410 \\
 830 &:= 2^6 + 6^2 + 27^2 + 47^0 &= 26 + 62 + 272 + 470 \\
 830 &:= 2^6 + 9^3 + 35^0 + 36^1 &= 26 + 93 + 350 + 361 \\
 830 &:= 2^7 + 25^1 + 26^2 + 29^0 &= 27 + 251 + 262 + 290 \\
 830 &:= 3^0 + 3^3 + 3^6 + 73^1 &= 30 + 33 + 36 + 731 \\
 830 &:= 3^6 + 4^3 + 36^1 + 39^0 &= 36 + 43 + 361 + 390 \\
 830 &:= 3^6 + 6^2 + 8^2 + 65^0 &= 36 + 62 + 82 + 650 \\
 830 &:= 1^4 + 5^3 + 23^0 + 26^2 + 27^1 &= 14 + 53 + 230 + 262 + 271 \\
 830 &:= 1^5 + 15^0 + 15^2 + 24^2 + 27^1 &= 15 + 150 + 152 + 242 + 271 \\
 830 &:= 1^5 + 15^0 + 19^2 + 21^2 + 26^1 &= 15 + 150 + 192 + 212 + 261 \\
 830 &:= 1^5 + 18^2 + 20^1 + 21^0 + 22^2 &= 15 + 182 + 201 + 210 + 222 \\
 830 &:= 1^5 + 7^3 + 22^2 + 25^0 + 27^0 &= 15 + 73 + 222 + 250 + 270 \\
 830 &:= 1^5 + 7^3 + 22^2 + 26^0 + 26^0 &= 15 + 73 + 222 + 260 + 260
 \end{aligned}$$

$$\begin{aligned}
 830 &:= 1^5 + 9^2 + 18^1 + 27^0 + 27^2 &= 15 + 92 + 181 + 270 + 272 \\
 830 &:= 2^4 + 14^1 + 17^2 + 22^2 + 27^1 &= 24 + 141 + 172 + 222 + 271 \\
 830 &:= 2^4 + 14^2 + 15^1 + 24^2 + 27^1 &= 24 + 142 + 151 + 242 + 271 \\
 830 &:= 2^4 + 14^2 + 16^1 + 24^2 + 26^1 &= 24 + 142 + 161 + 242 + 261 \\
 830 &:= 2^4 + 14^2 + 17^1 + 24^2 + 25^1 &= 24 + 142 + 171 + 242 + 251 \\
 830 &:= 2^4 + 14^2 + 18^1 + 24^1 + 24^2 &= 24 + 142 + 181 + 241 + 242 \\
 830 &:= 2^4 + 14^2 + 19^1 + 23^1 + 24^2 &= 24 + 142 + 191 + 231 + 242 \\
 830 &:= 2^4 + 14^2 + 20^1 + 22^1 + 24^2 &= 24 + 142 + 201 + 221 + 242 \\
 830 &:= 2^4 + 14^2 + 21^1 + 21^1 + 24^2 &= 24 + 142 + 211 + 211 + 242 \\
 830 &:= 2^4 + 15^1 + 17^2 + 22^2 + 26^1 &= 24 + 151 + 172 + 222 + 261 \\
 830 &:= 2^4 + 16^1 + 17^2 + 22^2 + 25^1 &= 24 + 161 + 172 + 222 + 251 \\
 830 &:= 2^4 + 17^1 + 17^2 + 22^2 + 24^1 &= 24 + 171 + 172 + 222 + 241 \\
 830 &:= 2^4 + 17^2 + 18^1 + 22^2 + 23^1 &= 24 + 172 + 181 + 222 + 231 \\
 830 &:= 2^4 + 17^2 + 19^1 + 22^1 + 22^2 &= 24 + 172 + 191 + 221 + 222 \\
 830 &:= 2^4 + 17^2 + 20^1 + 21^1 + 22^2 &= 24 + 172 + 201 + 211 + 222
 \end{aligned}$$

$$\begin{aligned}
 830 &:= 2^5 + 10^2 + 21^1 + 23^0 + 26^2 = 25 + 102 + 211 + 230 + 262 \\
 830 &:= 2^5 + 14^2 + 17^0 + 24^2 + 25^1 = 25 + 142 + 170 + 242 + 251 \\
 830 &:= 2^5 + 17^0 + 17^2 + 22^2 + 24^1 = 25 + 170 + 172 + 222 + 241 \\
 830 &:= 2^5 + 7^2 + 19^1 + 27^0 + 27^2 = 25 + 72 + 191 + 270 + 272 \\
 830 &:= 2^6 + 10^1 + 17^0 + 26^1 + 27^2 = 26 + 101 + 170 + 261 + 272 \\
 830 &:= 2^6 + 11^1 + 17^0 + 25^1 + 27^2 = 26 + 111 + 170 + 251 + 272 \\
 830 &:= 2^6 + 12^1 + 17^0 + 24^1 + 27^2 = 26 + 121 + 170 + 241 + 272 \\
 830 &:= 2^6 + 13^1 + 17^0 + 23^1 + 27^2 = 26 + 131 + 170 + 231 + 272 \\
 830 &:= 2^6 + 14^1 + 17^0 + 22^1 + 27^2 = 26 + 141 + 170 + 221 + 272 \\
 830 &:= 2^6 + 15^1 + 17^0 + 21^1 + 27^2 = 26 + 151 + 170 + 211 + 272 \\
 830 &:= 2^6 + 16^1 + 17^0 + 20^1 + 27^2 = 26 + 161 + 170 + 201 + 272 \\
 830 &:= 2^6 + 17^0 + 17^1 + 19^1 + 27^2 = 26 + 170 + 171 + 191 + 272 \\
 830 &:= 2^6 + 17^0 + 18^1 + 18^1 + 27^2 = 26 + 170 + 181 + 181 + 272 \\
 830 &:= 2^6 + 9^1 + 17^0 + 27^1 + 27^2 = 26 + 91 + 170 + 271 + 272 \\
 830 &:= 2^7 + 10^0 + 20^0 + 24^1 + 26^2 = 27 + 100 + 200 + 241 + 262 \\
 830 &:= 2^7 + 11^0 + 19^0 + 24^1 + 26^2 = 27 + 110 + 190 + 241 + 262 \\
 830 &:= 2^7 + 12^0 + 18^0 + 24^1 + 26^2 = 27 + 120 + 180 + 241 + 262 \\
 830 &:= 2^7 + 13^0 + 17^0 + 24^1 + 26^2 = 27 + 130 + 170 + 241 + 262 \\
 830 &:= 2^7 + 14^0 + 16^0 + 24^1 + 26^2 = 27 + 140 + 160 + 241 + 262
 \end{aligned}$$

$$\begin{aligned}
 830 &:= 2^7 + 15^0 + 15^0 + 24^1 + 26^2 = 27 + 150 + 150 + 241 + 262 \\
 830 &:= 2^7 + 3^0 + 24^1 + 26^2 + 27^0 = 27 + 30 + 241 + 262 + 270 \\
 830 &:= 2^7 + 4^0 + 24^1 + 26^0 + 26^2 = 27 + 40 + 241 + 260 + 262 \\
 830 &:= 2^7 + 5^0 + 24^1 + 25^0 + 26^2 = 27 + 50 + 241 + 250 + 262 \\
 830 &:= 2^7 + 6^0 + 24^0 + 24^1 + 26^2 = 27 + 60 + 240 + 241 + 262 \\
 830 &:= 2^7 + 7^0 + 23^0 + 24^1 + 26^2 = 27 + 70 + 230 + 241 + 262 \\
 830 &:= 2^7 + 8^0 + 22^0 + 24^1 + 26^2 = 27 + 80 + 220 + 241 + 262 \\
 830 &:= 2^7 + 9^0 + 21^0 + 24^1 + 26^2 = 27 + 90 + 210 + 241 + 262 \\
 830 &:= 3^4 + 5^2 + 21^1 + 26^2 + 27^1 = 34 + 52 + 211 + 262 + 271 \\
 830 &:= 3^4 + 5^2 + 22^1 + 26^1 + 26^2 = 34 + 52 + 221 + 261 + 262 \\
 830 &:= 3^4 + 5^2 + 23^1 + 25^1 + 26^2 = 34 + 52 + 231 + 251 + 262 \\
 830 &:= 3^4 + 5^2 + 24^1 + 24^1 + 26^2 = 34 + 52 + 241 + 241 + 262 \\
 830 &:= 3^5 + 11^2 + 21^2 + 23^0 + 24^1 = 35 + 112 + 212 + 230 + 241 \\
 830 &:= 3^5 + 9^2 + 21^1 + 22^2 + 27^0 = 35 + 92 + 211 + 222 + 270 \\
 830 &:= 3^6 + 7^2 + 21^0 + 24^1 + 27^1 = 36 + 72 + 210 + 241 + 271 \\
 830 &:= 3^6 + 7^2 + 21^0 + 25^1 + 26^1 = 36 + 72 + 210 + 251 + 261 \\
 830 &:= 4^3 + 4^4 + 22^2 + 25^1 + 27^0 = 43 + 44 + 222 + 251 + 270
 \end{aligned}$$

2.2.732 Number 831

$$\begin{aligned}
 831 &:= 1^3 + 3^6 + 10^2 + 68^0 = 13 + 36 + 102 + 680 \\
 831 &:= 1^6 + 2^9 + 3^5 + 75^1 = 16 + 29 + 35 + 751 \\
 831 &:= 1^6 + 9^3 + 10^2 + 62^0 = 16 + 93 + 102 + 620 \\
 831 &:= 1^7 + 10^2 + 27^2 + 44^0 = 17 + 102 + 272 + 440 \\
 831 &:= 1^8 + 8^0 + 28^2 + 45^1 = 18 + 80 + 282 + 451 \\
 831 &:= 1^9 + 2^9 + 16^2 + 62^1 = 19 + 29 + 162 + 621 \\
 831 &:= 2^8 + 12^0 + 23^2 + 45^1 = 28 + 120 + 232 + 451 \\
 831 &:= 3^4 + 3^6 + 20^1 + 56^0 = 34 + 36 + 201 + 560 \\
 831 &:= 1^6 + 14^0 + 19^2 + 21^2 + 27^1 = 16 + 140 + 192 + 212 + 271 \\
 831 &:= 1^6 + 18^2 + 20^0 + 21^1 + 22^2 = 16 + 182 + 200 + 211 + 222
 \end{aligned}$$

$$\begin{aligned}
 831 &:= 1^6 + 9^2 + 19^1 + 26^0 + 27^2 = 16 + 92 + 191 + 260 + 272 \\
 831 &:= 2^6 + 11^2 + 20^1 + 24^0 + 25^2 = 26 + 112 + 201 + 240 + 252 \\
 831 &:= 2^6 + 13^2 + 21^1 + 22^0 + 24^2 = 26 + 132 + 211 + 220 + 242 \\
 831 &:= 2^6 + 16^0 + 16^2 + 22^2 + 26^1 = 26 + 160 + 162 + 222 + 261 \\
 831 &:= 2^6 + 8^2 + 20^0 + 26^1 + 26^2 = 26 + 82 + 200 + 261 + 262 \\
 831 &:= 2^7 + 5^2 + 22^0 + 26^2 + 27^0 = 27 + 52 + 220 + 262 + 270 \\
 831 &:= 2^7 + 5^2 + 23^0 + 26^0 + 26^2 = 27 + 52 + 230 + 260 + 262 \\
 831 &:= 2^7 + 5^2 + 24^0 + 25^0 + 26^2 = 27 + 52 + 240 + 250 + 262
 \end{aligned}$$

2.2.733 Number 832

$$\begin{aligned}
 832 &:= 2^9 + 16^2 + 64^1 = 29 + 162 + 641 \\
 832 &:= 1^0 + 2^9 + 16^2 + 63^1 = 10 + 29 + 162 + 631 \\
 832 &:= 1^2 + 3^3 + 3^6 + 75^1 = 12 + 33 + 36 + 751 \\
 832 &:= 1^3 + 2^5 + 9^3 + 70^1 = 13 + 25 + 93 + 701
 \end{aligned}$$

$$\begin{aligned}
 832 &:= 1^6 + 6^2 + 9^3 + 66^1 = 16 + 62 + 93 + 661 \\
 832 &:= 1^9 + 7^0 + 28^2 + 46^1 = 19 + 70 + 282 + 461 \\
 832 &:= 2^3 + 3^5 + 8^3 + 69^1 = 23 + 35 + 83 + 691 \\
 832 &:= 2^5 + 3^6 + 7^0 + 70^1 = 25 + 36 + 70 + 701
 \end{aligned}$$

$$\begin{aligned}
 832 &:= 2^7 + 3^3 + 26^2 + 51^0 &= 27 + 33 + 262 + 510 \\
 832 &:= 2^7 + 9^2 + 24^2 + 47^1 &= 27 + 92 + 242 + 471 \\
 832 &:= 2^8 + 8^3 + 9^0 + 63^1 &= 28 + 83 + 90 + 631 \\
 832 &:= 2^9 + 16^2 + 64^1 &= 29 + 162 + 641 \\
 832 &:= 2^9 + 17^2 + 30^1 + 33^0 &= 29 + 172 + 301 + 330 \\
 832 &:= 1^2 + 2^7 + 26^1 + 26^2 + 27^0 &= 12 + 27 + 261 + 262 + 270 \\
 832 &:= 1^7 + 18^2 + 19^0 + 22^1 + 22^2 &= 17 + 182 + 190 + 221 + 222 \\
 832 &:= 1^7 + 9^2 + 20^1 + 25^0 + 27^2 &= 17 + 92 + 201 + 250 + 272 \\
 832 &:= 1^8 + 10^2 + 17^0 + 27^0 + 27^2 &= 18 + 102 + 170 + 270 + 272 \\
 832 &:= 1^8 + 10^2 + 18^0 + 26^0 + 27^2 &= 18 + 102 + 180 + 260 + 272 \\
 832 &:= 1^8 + 10^2 + 19^0 + 25^0 + 27^2 &= 18 + 102 + 190 + 250 + 272 \\
 832 &:= 1^8 + 10^2 + 20^0 + 24^0 + 27^2 &= 18 + 102 + 200 + 240 + 272 \\
 832 &:= 1^8 + 10^2 + 21^0 + 23^0 + 27^2 &= 18 + 102 + 210 + 230 + 272 \\
 832 &:= 1^8 + 10^2 + 22^0 + 22^0 + 27^2 &= 18 + 102 + 220 + 220 + 272 \\
 832 &:= 2^5 + 5^3 + 23^1 + 25^2 + 27^1 &= 25 + 53 + 231 + 252 + 271 \\
 832 &:= 2^5 + 5^3 + 24^1 + 25^2 + 26^1 &= 25 + 53 + 241 + 252 + 261 \\
 832 &:= 2^5 + 5^3 + 25^1 + 25^1 + 25^2 &= 25 + 53 + 251 + 251 + 252 \\
 832 &:= 2^6 + 14^2 + 16^1 + 23^2 + 27^1 &= 26 + 142 + 161 + 232 + 271 \\
 832 &:= 2^6 + 14^2 + 17^1 + 23^2 + 26^1 &= 26 + 142 + 171 + 232 + 261 \\
 832 &:= 2^6 + 14^2 + 18^1 + 23^2 + 25^1 &= 26 + 142 + 181 + 232 + 251
 \end{aligned}$$

$$\begin{aligned}
 832 &:= 2^6 + 14^2 + 19^1 + 23^2 + 24^1 &= 26 + 142 + 191 + 232 + 241 \\
 832 &:= 2^6 + 14^2 + 20^1 + 23^1 + 23^2 &= 26 + 142 + 201 + 231 + 232 \\
 832 &:= 2^6 + 14^2 + 21^1 + 22^1 + 23^2 &= 26 + 142 + 211 + 221 + 232 \\
 832 &:= 2^6 + 4^3 + 23^0 + 26^2 + 27^1 &= 26 + 43 + 230 + 262 + 271 \\
 832 &:= 2^7 + 10^2 + 19^0 + 24^2 + 27^1 &= 27 + 102 + 190 + 242 + 271 \\
 832 &:= 2^7 + 14^2 + 21^0 + 22^2 + 23^1 &= 27 + 142 + 210 + 222 + 231 \\
 832 &:= 2^7 + 18^1 + 18^2 + 19^2 + 25^0 &= 27 + 181 + 182 + 192 + 250 \\
 832 &:= 2^8 + 11^0 + 19^1 + 23^2 + 27^1 &= 28 + 110 + 191 + 232 + 271 \\
 832 &:= 2^8 + 11^0 + 20^1 + 23^2 + 26^1 &= 28 + 110 + 201 + 232 + 261 \\
 832 &:= 2^8 + 11^0 + 21^1 + 23^2 + 25^1 &= 28 + 110 + 211 + 232 + 251 \\
 832 &:= 2^8 + 11^0 + 22^1 + 23^2 + 24^1 &= 28 + 110 + 221 + 232 + 241 \\
 832 &:= 2^8 + 11^0 + 23^1 + 23^1 + 23^2 &= 28 + 110 + 231 + 231 + 232 \\
 832 &:= 3^3 + 3^6 + 22^1 + 27^1 + 27^1 &= 33 + 36 + 221 + 271 + 271 \\
 832 &:= 3^3 + 3^6 + 23^1 + 26^1 + 27^1 &= 33 + 36 + 231 + 261 + 271 \\
 832 &:= 3^3 + 3^6 + 24^1 + 25^1 + 27^1 &= 33 + 36 + 241 + 251 + 271 \\
 832 &:= 3^3 + 3^6 + 24^1 + 26^1 + 26^1 &= 33 + 36 + 241 + 261 + 261 \\
 832 &:= 3^3 + 3^6 + 25^1 + 25^1 + 26^1 &= 33 + 36 + 251 + 251 + 261 \\
 832 &:= 3^4 + 4^4 + 21^2 + 27^1 + 27^1 &= 34 + 44 + 212 + 271 + 271
 \end{aligned}$$

2.2.734 Number 833

$$\begin{aligned}
 833 &:= 7^0 + 28^2 + 48^1 &= 70 + 282 + 481 \\
 833 &:= 1^0 + 7^0 + 28^2 + 47^1 &= 10 + 70 + 282 + 471 \\
 833 &:= 2^0 + 6^0 + 28^2 + 47^1 &= 20 + 60 + 282 + 471 \\
 833 &:= 2^6 + 2^8 + 2^9 + 75^0 &= 26 + 28 + 29 + 750 \\
 833 &:= 2^6 + 3^6 + 38^0 + 39^1 &= 26 + 36 + 380 + 391 \\
 833 &:= 2^6 + 4^4 + 8^3 + 68^0 &= 26 + 44 + 83 + 680 \\
 833 &:= 2^8 + 8^2 + 8^3 + 64^0 &= 28 + 82 + 83 + 640 \\
 833 &:= 2^9 + 8^2 + 16^2 + 56^0 &= 29 + 82 + 162 + 560
 \end{aligned}$$

$$\begin{aligned}
 833 &:= 3^0 + 5^0 + 28^2 + 47^1 &= 30 + 50 + 282 + 471 \\
 833 &:= 4^0 + 4^0 + 28^2 + 47^1 &= 40 + 40 + 282 + 471 \\
 833 &:= 1^3 + 2^7 + 26^0 + 26^2 + 27^1 &= 13 + 27 + 260 + 262 + 271 \\
 833 &:= 1^8 + 18^0 + 18^2 + 22^2 + 23^1 &= 18 + 180 + 182 + 222 + 231 \\
 833 &:= 1^8 + 9^2 + 21^1 + 24^0 + 27^2 &= 18 + 92 + 211 + 240 + 272 \\
 833 &:= 2^8 + 15^2 + 18^2 + 20^0 + 27^1 &= 28 + 152 + 182 + 200 + 271
 \end{aligned}$$

2.2.735 Number 834

$$\begin{aligned}
 834 &:= 7^2 + 28^2 + 48^0 &= 72 + 282 + 480 \\
 834 &:= 1^0 + 16^2 + 24^2 + 42^0 &= 10 + 162 + 242 + 420 \\
 834 &:= 1^1 + 6^0 + 28^2 + 48^1 &= 11 + 60 + 282 + 481 \\
 834 &:= 1^4 + 2^8 + 24^2 + 55^0 &= 14 + 28 + 242 + 550 \\
 834 &:= 1^7 + 5^4 + 12^2 + 64^1 &= 17 + 54 + 122 + 641
 \end{aligned}$$

$$\begin{aligned}
 834 &:= 1^8 + 4^4 + 24^2 + 53^0 &= 18 + 44 + 242 + 530 \\
 834 &:= 10^0 + 16^2 + 24^2 + 33^0 &= 100 + 162 + 242 + 330 \\
 834 &:= 11^0 + 16^2 + 24^2 + 32^0 &= 110 + 162 + 242 + 320 \\
 834 &:= 12^0 + 16^2 + 24^2 + 31^0 &= 120 + 162 + 242 + 310 \\
 834 &:= 13^0 + 16^2 + 24^2 + 30^0 &= 130 + 162 + 242 + 300
 \end{aligned}$$

$834 := 14^0 + 16^2 + 24^2 + 29^0$	$= 140 + 162 + 242 + 290$	$834 := 6^0 + 16^1 + 28^2 + 33^1$	$= 60 + 161 + 282 + 331$
$834 := 15^0 + 16^2 + 24^2 + 28^0$	$= 150 + 162 + 242 + 280$	$834 := 6^0 + 16^2 + 24^2 + 37^0$	$= 60 + 162 + 242 + 370$
$834 := 16^0 + 16^2 + 24^2 + 27^0$	$= 160 + 162 + 242 + 270$	$834 := 6^0 + 17^1 + 28^2 + 32^1$	$= 60 + 171 + 282 + 321$
$834 := 16^2 + 17^0 + 24^2 + 26^0$	$= 162 + 170 + 242 + 260$	$834 := 6^0 + 18^1 + 28^2 + 31^1$	$= 60 + 181 + 282 + 311$
$834 := 16^2 + 18^0 + 24^2 + 25^0$	$= 162 + 180 + 242 + 250$	$834 := 6^0 + 19^1 + 28^2 + 30^1$	$= 60 + 191 + 282 + 301$
$834 := 16^2 + 19^0 + 24^0 + 24^2$	$= 162 + 190 + 240 + 242$	$834 := 6^0 + 20^1 + 28^2 + 29^1$	$= 60 + 201 + 282 + 291$
$834 := 16^2 + 20^0 + 23^0 + 24^2$	$= 162 + 200 + 230 + 242$	$834 := 6^0 + 21^1 + 28^1 + 28^2$	$= 60 + 211 + 281 + 282$
$834 := 16^2 + 21^0 + 22^0 + 24^2$	$= 162 + 210 + 220 + 242$	$834 := 6^0 + 22^1 + 27^1 + 28^2$	$= 60 + 221 + 271 + 282$
$834 := 2^0 + 16^2 + 24^2 + 41^0$	$= 20 + 162 + 242 + 410$	$834 := 6^0 + 23^1 + 26^1 + 28^2$	$= 60 + 231 + 261 + 282$
$834 := 2^1 + 6^0 + 28^2 + 47^1$	$= 21 + 60 + 282 + 471$	$834 := 6^0 + 24^1 + 25^1 + 28^2$	$= 60 + 241 + 251 + 282$
$834 := 2^2 + 2^9 + 16^2 + 62^1$	$= 22 + 29 + 162 + 621$	$834 := 6^0 + 6^1 + 28^2 + 43^1$	$= 60 + 61 + 282 + 431$
$834 := 2^7 + 3^2 + 5^4 + 72^1$	$= 27 + 32 + 54 + 721$	$834 := 6^0 + 7^1 + 28^2 + 42^1$	$= 60 + 71 + 282 + 421$
$834 := 2^9 + 11^2 + 12^2 + 57^1$	$= 29 + 112 + 122 + 571$	$834 := 6^0 + 8^1 + 28^2 + 41^1$	$= 60 + 81 + 282 + 411$
$834 := 2^9 + 4^4 + 11^0 + 65^1$	$= 29 + 44 + 110 + 651$	$834 := 6^0 + 9^1 + 28^2 + 40^1$	$= 60 + 91 + 282 + 401$
$834 := 2^9 + 5^3 + 14^2 + 61^0$	$= 29 + 53 + 142 + 610$	$834 := 7^0 + 16^2 + 24^2 + 36^0$	$= 70 + 162 + 242 + 360$
$834 := 3^0 + 16^2 + 24^2 + 40^0$	$= 30 + 162 + 242 + 400$	$834 := 8^0 + 16^2 + 24^2 + 35^0$	$= 80 + 162 + 242 + 350$
$834 := 3^1 + 6^0 + 28^2 + 46^1$	$= 31 + 60 + 282 + 461$	$834 := 9^0 + 16^2 + 24^2 + 34^0$	$= 90 + 162 + 242 + 340$
$834 := 4^0 + 16^2 + 24^2 + 39^0$	$= 40 + 162 + 242 + 390$	$834 := 1^9 + 14^1 + 17^2 + 23^2 + 27^0$	$= 19 + 141 + 172 + 232 + 270$
$834 := 4^1 + 6^0 + 28^2 + 45^1$	$= 41 + 60 + 282 + 451$	$834 := 1^9 + 17^0 + 18^2 + 22^2 + 24^1$	$= 19 + 170 + 182 + 222 + 241$
$834 := 5^0 + 16^2 + 24^2 + 38^0$	$= 50 + 162 + 242 + 380$	$834 := 1^9 + 9^2 + 22^1 + 23^0 + 27^2$	$= 19 + 92 + 221 + 230 + 272$
$834 := 5^1 + 6^0 + 28^2 + 44^1$	$= 51 + 60 + 282 + 441$	$834 := 2^7 + 5^3 + 23^2 + 25^1 + 27^1$	$= 27 + 53 + 232 + 251 + 271$
$834 := 6^0 + 10^1 + 28^2 + 39^1$	$= 60 + 101 + 282 + 391$	$834 := 2^7 + 5^3 + 23^2 + 26^1 + 26^1$	$= 27 + 53 + 232 + 261 + 261$
$834 := 6^0 + 11^1 + 28^2 + 38^1$	$= 60 + 111 + 282 + 381$	$834 := 2^8 + 13^2 + 19^2 + 21^1 + 27^1$	$= 28 + 132 + 192 + 211 + 271$
$834 := 6^0 + 12^1 + 28^2 + 37^1$	$= 60 + 121 + 282 + 371$	$834 := 2^8 + 13^2 + 19^2 + 22^1 + 26^1$	$= 28 + 132 + 192 + 221 + 261$
$834 := 6^0 + 13^1 + 28^2 + 36^1$	$= 60 + 131 + 282 + 361$	$834 := 2^8 + 13^2 + 19^2 + 23^1 + 25^1$	$= 28 + 132 + 192 + 231 + 251$
$834 := 6^0 + 14^1 + 28^2 + 35^1$	$= 60 + 141 + 282 + 351$	$834 := 2^8 + 13^2 + 19^2 + 24^1 + 24^1$	$= 28 + 132 + 192 + 241 + 241$
$834 := 6^0 + 15^1 + 28^2 + 34^1$	$= 60 + 151 + 282 + 341$		

2.2.736 Number 835

$835 := 1^1 + 7^2 + 28^2 + 47^0$	$= 11 + 72 + 282 + 470$	$835 := 2^1 + 16^2 + 24^2 + 41^0$	$= 21 + 162 + 242 + 410$
$835 := 1^2 + 5^0 + 28^2 + 49^1$	$= 12 + 50 + 282 + 491$	$835 := 2^2 + 7^0 + 28^2 + 46^1$	$= 22 + 70 + 282 + 461$
$835 := 11^0 + 15^2 + 24^2 + 33^1$	$= 110 + 152 + 242 + 331$	$835 := 2^7 + 3^4 + 5^4 + 72^0$	$= 27 + 34 + 54 + 720$
$835 := 11^0 + 19^2 + 21^2 + 32^1$	$= 110 + 192 + 212 + 321$	$835 := 3^2 + 11^0 + 28^2 + 41^1$	$= 32 + 110 + 282 + 411$
$835 := 12^2 + 14^1 + 26^2 + 31^0$	$= 122 + 141 + 262 + 310$	$835 := 4^2 + 17^0 + 28^2 + 34^1$	$= 42 + 170 + 282 + 341$
$835 := 13^1 + 14^2 + 25^2 + 31^0$	$= 131 + 142 + 252 + 310$	$835 := 5^0 + 13^2 + 25^2 + 40^1$	$= 50 + 132 + 252 + 401$
$835 := 16^1 + 17^2 + 23^2 + 27^0$	$= 161 + 172 + 232 + 270$	$835 := 5^1 + 10^2 + 27^2 + 41^0$	$= 51 + 102 + 272 + 410$
$835 := 17^0 + 18^2 + 22^2 + 26^1$	$= 170 + 182 + 222 + 261$	$835 := 5^2 + 25^0 + 25^1 + 28^2$	$= 52 + 250 + 251 + 282$

$835 := 6^2 + 14^1 + 28^2 + 35^0 = 62 + 141 + 282 + 350$	$835 := 3^0 + 15^0 + 18^2 + 22^2 + 25^1 = 30 + 150 + 182 + 222 + 251$
$835 := 7^0 + 8^2 + 27^2 + 41^1 = 70 + 82 + 272 + 411$	$835 := 3^0 + 15^1 + 17^2 + 23^2 + 25^0 = 30 + 151 + 172 + 232 + 250$
$835 := 9^0 + 11^2 + 26^2 + 37^1 = 90 + 112 + 262 + 371$	$835 := 3^0 + 9^2 + 21^0 + 23^1 + 27^2 = 30 + 92 + 210 + 231 + 272$
$835 := 9^0 + 20^2 + 20^2 + 34^1 = 90 + 202 + 202 + 341$	$835 := 4^0 + 14^0 + 18^2 + 22^2 + 25^1 = 40 + 140 + 182 + 222 + 251$
$835 := 9^2 + 23^0 + 24^1 + 27^2 = 92 + 230 + 241 + 272$	$835 := 4^0 + 15^1 + 17^2 + 23^2 + 24^0 = 40 + 151 + 172 + 232 + 240$
$835 := 1^0 + 15^1 + 17^2 + 23^2 + 27^0 = 10 + 151 + 172 + 232 + 270$	$835 := 4^0 + 9^2 + 20^0 + 23^1 + 27^2 = 40 + 92 + 200 + 231 + 272$
$835 := 1^0 + 17^0 + 18^2 + 22^2 + 25^1 = 10 + 170 + 182 + 222 + 251$	$835 := 4^1 + 10^2 + 15^0 + 27^0 + 27^2 = 41 + 102 + 150 + 270 + 272$
$835 := 1^0 + 9^2 + 23^0 + 23^1 + 27^2 = 10 + 92 + 230 + 231 + 272$	$835 := 4^1 + 10^2 + 16^0 + 26^0 + 27^2 = 41 + 102 + 160 + 260 + 272$
$835 := 1^1 + 15^0 + 16^2 + 24^2 + 27^0 = 11 + 150 + 162 + 242 + 270$	$835 := 4^1 + 10^2 + 17^0 + 25^0 + 27^2 = 41 + 102 + 170 + 250 + 272$
$835 := 1^1 + 16^0 + 16^2 + 24^2 + 26^0 = 11 + 160 + 162 + 242 + 260$	$835 := 4^1 + 10^2 + 18^0 + 24^0 + 27^2 = 41 + 102 + 180 + 240 + 272$
$835 := 1^1 + 16^2 + 17^0 + 24^2 + 25^0 = 11 + 162 + 170 + 242 + 250$	$835 := 4^1 + 10^2 + 19^0 + 23^0 + 27^2 = 41 + 102 + 190 + 230 + 272$
$835 := 1^1 + 16^2 + 18^0 + 24^0 + 24^2 = 11 + 162 + 180 + 240 + 242$	$835 := 4^1 + 10^2 + 20^0 + 22^0 + 27^2 = 41 + 102 + 200 + 220 + 272$
$835 := 1^1 + 16^2 + 19^0 + 23^0 + 24^2 = 11 + 162 + 190 + 230 + 242$	$835 := 4^1 + 10^2 + 21^0 + 21^0 + 27^2 = 41 + 102 + 210 + 210 + 272$
$835 := 1^1 + 16^2 + 20^0 + 22^0 + 24^2 = 11 + 162 + 200 + 220 + 242$	$835 := 5^0 + 12^1 + 14^2 + 25^2 + 27^0 = 50 + 121 + 142 + 252 + 270$
$835 := 1^1 + 16^2 + 21^0 + 21^0 + 24^2 = 11 + 162 + 210 + 210 + 242$	$835 := 5^0 + 12^2 + 13^1 + 26^2 + 27^0 = 50 + 122 + 131 + 262 + 270$
$835 := 1^9 + 4^4 + 24^2 + 26^0 + 27^0 = 19 + 44 + 242 + 260 + 270$	$835 := 5^0 + 13^0 + 18^2 + 22^2 + 25^1 = 50 + 130 + 182 + 222 + 251$
$835 := 10^0 + 12^1 + 14^2 + 22^0 + 25^2 = 100 + 121 + 142 + 220 + 252$	$835 := 5^0 + 15^1 + 17^2 + 23^0 + 23^2 = 50 + 151 + 172 + 230 + 232$
$835 := 10^0 + 12^2 + 13^1 + 22^0 + 26^2 = 100 + 122 + 131 + 220 + 262$	$835 := 5^0 + 9^2 + 19^0 + 23^1 + 27^2 = 50 + 92 + 190 + 231 + 272$
$835 := 10^0 + 15^1 + 17^2 + 18^0 + 23^2 = 100 + 151 + 172 + 180 + 232$	$835 := 6^0 + 12^0 + 18^2 + 22^2 + 25^1 = 60 + 120 + 182 + 222 + 251$
$835 := 11^0 + 12^1 + 14^2 + 21^0 + 25^2 = 110 + 121 + 142 + 210 + 252$	$835 := 6^0 + 12^1 + 14^2 + 25^2 + 26^0 = 60 + 121 + 142 + 252 + 260$
$835 := 11^0 + 12^2 + 13^1 + 21^0 + 26^2 = 110 + 122 + 131 + 210 + 262$	$835 := 6^0 + 12^2 + 13^1 + 26^0 + 26^2 = 60 + 122 + 131 + 260 + 262$
$835 := 11^0 + 15^1 + 17^0 + 17^2 + 23^2 = 110 + 151 + 170 + 172 + 232$	$835 := 6^0 + 15^1 + 17^2 + 22^0 + 23^2 = 60 + 151 + 172 + 220 + 232$
$835 := 12^0 + 12^1 + 14^2 + 20^0 + 25^2 = 120 + 121 + 142 + 200 + 252$	$835 := 6^0 + 9^2 + 18^0 + 23^1 + 27^2 = 60 + 92 + 180 + 231 + 272$
$835 := 12^0 + 12^2 + 13^1 + 20^0 + 26^2 = 120 + 122 + 131 + 200 + 262$	$835 := 7^0 + 11^0 + 18^2 + 22^2 + 25^1 = 70 + 110 + 182 + 222 + 251$
$835 := 12^0 + 15^1 + 16^0 + 17^2 + 23^2 = 120 + 151 + 160 + 172 + 232$	$835 := 7^0 + 12^1 + 14^2 + 25^0 + 25^2 = 70 + 121 + 142 + 250 + 252$
$835 := 12^1 + 13^0 + 14^2 + 19^0 + 25^2 = 121 + 130 + 142 + 190 + 252$	$835 := 7^0 + 12^2 + 13^1 + 25^0 + 26^2 = 70 + 122 + 131 + 250 + 262$
$835 := 12^1 + 14^0 + 14^2 + 18^0 + 25^2 = 121 + 140 + 142 + 180 + 252$	$835 := 7^0 + 15^1 + 17^2 + 21^0 + 23^2 = 70 + 151 + 172 + 210 + 232$
$835 := 12^1 + 14^2 + 15^0 + 17^0 + 25^2 = 121 + 142 + 150 + 170 + 252$	$835 := 7^0 + 9^2 + 17^0 + 23^1 + 27^2 = 70 + 92 + 170 + 231 + 272$
$835 := 12^1 + 14^2 + 16^0 + 16^0 + 25^2 = 121 + 142 + 160 + 160 + 252$	$835 := 8^0 + 10^0 + 18^2 + 22^2 + 25^1 = 80 + 100 + 182 + 222 + 251$
$835 := 12^2 + 13^0 + 13^1 + 19^0 + 26^2 = 122 + 130 + 131 + 190 + 262$	$835 := 8^0 + 12^1 + 14^2 + 24^0 + 25^2 = 80 + 121 + 142 + 240 + 252$
$835 := 12^2 + 13^1 + 14^0 + 18^0 + 26^2 = 122 + 131 + 140 + 180 + 262$	$835 := 8^0 + 12^2 + 13^1 + 24^0 + 26^2 = 80 + 122 + 131 + 240 + 262$
$835 := 12^2 + 13^1 + 15^0 + 17^0 + 26^2 = 122 + 131 + 150 + 170 + 262$	$835 := 8^0 + 15^1 + 17^2 + 20^0 + 23^2 = 80 + 151 + 172 + 200 + 232$
$835 := 12^2 + 13^1 + 16^0 + 16^0 + 26^2 = 122 + 131 + 160 + 160 + 262$	$835 := 8^0 + 9^2 + 16^0 + 23^1 + 27^2 = 80 + 92 + 160 + 231 + 272$
$835 := 13^0 + 15^0 + 15^1 + 17^2 + 23^2 = 130 + 150 + 151 + 172 + 232$	$835 := 9^0 + 12^1 + 14^2 + 23^0 + 25^2 = 90 + 121 + 142 + 230 + 252$
$835 := 14^0 + 14^0 + 15^1 + 17^2 + 23^2 = 140 + 140 + 151 + 172 + 232$	$835 := 9^0 + 12^2 + 13^1 + 23^0 + 26^2 = 90 + 122 + 131 + 230 + 262$
$835 := 2^0 + 15^1 + 17^2 + 23^2 + 26^0 = 20 + 151 + 172 + 232 + 260$	$835 := 9^0 + 15^1 + 17^2 + 19^0 + 23^2 = 90 + 151 + 172 + 190 + 232$
$835 := 2^0 + 16^0 + 18^2 + 22^2 + 25^1 = 20 + 160 + 182 + 222 + 251$	$835 := 9^0 + 9^0 + 18^2 + 22^2 + 25^1 = 90 + 90 + 182 + 222 + 251$
$835 := 2^0 + 9^2 + 22^0 + 23^1 + 27^2 = 20 + 92 + 220 + 231 + 272$	$835 := 9^0 + 9^2 + 15^0 + 23^1 + 27^2 = 90 + 92 + 150 + 231 + 272$

$$835 := 9^2 + 10^0 + 14^0 + 23^1 + 27^2 = 92 + 100 + 140 + 231 + 272$$

$$835 := 9^2 + 11^0 + 13^0 + 23^1 + 27^2 = 92 + 110 + 130 + 231 + 272$$

$$835 := 9^2 + 12^0 + 12^0 + 23^1 + 27^2 = 92 + 120 + 120 + 231 + 272$$

2.2.737 Number 836

$$836 := 1^3 + 4^0 + 28^2 + 50^1 = 13 + 40 + 282 + 501$$

$$836 := 13^2 + 15^2 + 21^2 + 34^0 = 132 + 152 + 212 + 340$$

$$836 := 2^3 + 10^0 + 28^2 + 43^1 = 23 + 100 + 282 + 431$$

$$836 := 3^3 + 24^1 + 28^0 + 28^2 = 33 + 241 + 280 + 282$$

$$836 := 4^0 + 7^3 + 21^2 + 51^1 = 40 + 73 + 212 + 511$$

$$836 := 4^3 + 10^0 + 27^2 + 42^1 = 43 + 100 + 272 + 421$$

$$836 := 5^2 + 9^2 + 27^2 + 42^0 = 52 + 92 + 272 + 420$$

$$836 := 5^3 + 18^0 + 26^2 + 34^1 = 53 + 180 + 262 + 341$$

$$836 := 6^1 + 9^3 + 10^2 + 58^0 = 61 + 93 + 102 + 580$$

$$836 := 6^3 + 10^0 + 24^2 + 43^1 = 63 + 100 + 242 + 431$$

$$836 := 7^2 + 9^3 + 10^0 + 57^1 = 72 + 93 + 100 + 571$$

$$836 := 7^3 + 8^1 + 22^2 + 46^0 = 73 + 81 + 222 + 460$$

$$836 := 8^2 + 9^3 + 24^0 + 42^1 = 82 + 93 + 240 + 421$$

$$836 := 8^3 + 17^2 + 24^0 + 34^1 = 83 + 172 + 240 + 341$$

$$836 := 9^2 + 15^2 + 23^2 + 36^0 = 92 + 152 + 232 + 360$$

$$836 := 9^2 + 9^3 + 25^1 + 40^0 = 92 + 93 + 251 + 400$$

$$836 := 1^1 + 16^0 + 18^2 + 22^2 + 26^1 = 11 + 160 + 182 + 222 + 261$$

$$836 := 1^1 + 16^1 + 17^2 + 23^2 + 26^0 = 11 + 161 + 172 + 232 + 260$$

$$836 := 1^1 + 9^2 + 22^0 + 24^1 + 27^2 = 11 + 92 + 220 + 241 + 272$$

$$836 := 1^9 + 3^4 + 24^1 + 27^0 + 27^2 = 19 + 34 + 241 + 270 + 272$$

$$836 := 10^0 + 10^1 + 15^2 + 24^1 + 24^2 = 100 + 101 + 152 + 241 + 242$$

$$836 := 10^0 + 10^1 + 19^2 + 21^2 + 23^1 = 100 + 101 + 192 + 212 + 231$$

$$836 := 10^0 + 11^1 + 15^2 + 23^1 + 24^2 = 100 + 111 + 152 + 231 + 242$$

$$836 := 10^0 + 11^1 + 19^2 + 21^2 + 22^1 = 100 + 111 + 192 + 212 + 221$$

$$836 := 10^0 + 12^1 + 15^2 + 22^1 + 24^2 = 100 + 121 + 152 + 221 + 242$$

$$836 := 10^0 + 12^1 + 19^2 + 21^1 + 21^2 = 100 + 121 + 192 + 211 + 212$$

$$836 := 10^0 + 13^1 + 15^2 + 21^1 + 24^2 = 100 + 131 + 152 + 211 + 242$$

$$836 := 10^0 + 13^1 + 19^2 + 20^1 + 21^2 = 100 + 131 + 192 + 201 + 212$$

$$836 := 10^0 + 14^1 + 15^2 + 20^1 + 24^2 = 100 + 141 + 152 + 201 + 242$$

$$836 := 10^0 + 14^1 + 19^1 + 19^2 + 21^2 = 100 + 141 + 191 + 192 + 212$$

$$836 := 10^0 + 15^1 + 15^2 + 19^1 + 24^2 = 100 + 151 + 152 + 191 + 242$$

$$836 := 10^0 + 15^1 + 18^1 + 19^2 + 21^2 = 100 + 151 + 181 + 192 + 212$$

$$836 := 10^0 + 15^2 + 16^1 + 18^1 + 24^2 = 100 + 152 + 161 + 181 + 242$$

$$836 := 10^0 + 15^2 + 17^1 + 17^1 + 24^2 = 100 + 152 + 171 + 171 + 242$$

$$836 := 10^0 + 16^1 + 17^1 + 19^2 + 21^2 = 100 + 161 + 171 + 192 + 212$$

$$836 := 10^0 + 16^2 + 17^2 + 17^2 + 23^0 = 100 + 162 + 172 + 172 + 230$$

$$836 := 10^1 + 16^0 + 17^1 + 18^2 + 22^2 = 101 + 160 + 171 + 182 + 222$$

$$836 := 11^0 + 16^2 + 17^2 + 17^2 + 22^0 = 110 + 162 + 172 + 172 + 220$$

$$836 := 11^1 + 16^0 + 16^1 + 18^2 + 22^2 = 111 + 160 + 161 + 182 + 222$$

$$836 := 12^0 + 16^2 + 17^2 + 17^2 + 21^0 = 120 + 162 + 172 + 172 + 210$$

$$836 := 12^1 + 15^1 + 16^0 + 18^2 + 22^2 = 121 + 151 + 160 + 182 + 222$$

$$836 := 13^0 + 16^2 + 17^2 + 17^2 + 20^0 = 130 + 162 + 172 + 172 + 200$$

$$836 := 13^1 + 14^1 + 16^0 + 18^2 + 22^2 = 131 + 141 + 160 + 182 + 222$$

$$836 := 14^0 + 16^2 + 17^2 + 17^2 + 19^0 = 140 + 162 + 172 + 172 + 190$$

$$836 := 15^0 + 16^2 + 17^2 + 17^2 + 18^0 = 150 + 162 + 172 + 172 + 180$$

$$836 := 16^0 + 16^2 + 17^0 + 17^2 + 17^2 = 160 + 162 + 170 + 172 + 172$$

$$836 := 2^1 + 15^1 + 17^2 + 23^2 + 26^0 = 21 + 151 + 172 + 232 + 260$$

$$836 := 2^1 + 16^0 + 18^2 + 22^2 + 25^1 = 21 + 160 + 182 + 222 + 251$$

$$836 := 2^1 + 9^2 + 22^0 + 23^1 + 27^2 = 21 + 92 + 220 + 231 + 272$$

$$836 := 3^1 + 14^1 + 17^2 + 23^2 + 26^0 = 31 + 141 + 172 + 232 + 260$$

$$836 := 3^1 + 16^0 + 18^2 + 22^2 + 24^1 = 31 + 160 + 182 + 222 + 241$$

$$836 := 3^1 + 9^2 + 22^0 + 22^1 + 27^2 = 31 + 92 + 220 + 221 + 272$$

$$836 := 4^0 + 13^2 + 14^1 + 25^2 + 27^1 = 40 + 132 + 141 + 252 + 271$$

$$836 := 4^0 + 13^2 + 15^1 + 25^2 + 26^1 = 40 + 132 + 151 + 252 + 261$$

$$836 := 4^0 + 13^2 + 16^1 + 25^1 + 25^2 = 40 + 132 + 161 + 251 + 252$$

$$836 := 4^0 + 13^2 + 17^1 + 24^1 + 25^2 = 40 + 132 + 171 + 241 + 252$$

$$836 := 4^0 + 13^2 + 18^1 + 23^1 + 25^2 = 40 + 132 + 181 + 231 + 252$$

$$836 := 4^0 + 13^2 + 19^1 + 22^1 + 25^2 = 40 + 132 + 191 + 221 + 252$$

$$836 := 4^0 + 13^2 + 20^1 + 21^1 + 25^2 = 40 + 132 + 201 + 211 + 252$$

$$836 := 4^1 + 13^1 + 17^2 + 23^2 + 26^0 = 41 + 131 + 172 + 232 + 260$$

$$836 := 4^1 + 16^0 + 18^2 + 22^2 + 23^1 = 41 + 160 + 182 + 222 + 231$$

$$836 := 4^1 + 9^2 + 21^1 + 22^0 + 27^2 = 41 + 92 + 211 + 220 + 272$$

$$836 := 4^2 + 12^0 + 17^2 + 23^2 + 27^0 = 42 + 120 + 172 + 232 + 270$$

$$836 := 4^2 + 13^0 + 17^2 + 23^2 + 26^0 = 42 + 130 + 172 + 232 + 260$$

$$836 := 4^2 + 14^0 + 17^2 + 23^2 + 25^0 = 42 + 140 + 172 + 232 + 250$$

$$836 := 4^2 + 15^0 + 17^2 + 23^2 + 24^0 = 42 + 150 + 172 + 232 + 240$$

$$\begin{aligned} 836 &:= 4^2 + 16^0 + 17^2 + 23^0 + 23^2 = 42 + 160 + 172 + 230 + 232 & 836 &:= 8^0 + 10^1 + 20^2 + 20^2 + 25^1 = 80 + 101 + 202 + 202 + 251 \\ 836 &:= 4^2 + 17^0 + 17^2 + 22^0 + 23^2 = 42 + 170 + 172 + 220 + 232 & 836 &:= 8^0 + 11^1 + 11^2 + 26^2 + 27^1 = 80 + 111 + 112 + 262 + 271 \\ 836 &:= 4^2 + 17^2 + 18^0 + 21^0 + 23^2 = 42 + 172 + 180 + 210 + 232 & 836 &:= 8^0 + 11^1 + 20^2 + 20^2 + 24^1 = 80 + 111 + 202 + 202 + 241 \\ 836 &:= 4^2 + 17^2 + 19^0 + 20^0 + 23^2 = 42 + 172 + 190 + 200 + 232 & 836 &:= 8^0 + 11^2 + 12^1 + 26^1 + 26^2 = 80 + 112 + 121 + 261 + 262 \\ 836 &:= 5^1 + 12^1 + 17^2 + 23^2 + 26^0 = 51 + 121 + 172 + 232 + 260 & 836 &:= 8^0 + 11^2 + 13^1 + 25^1 + 26^2 = 80 + 112 + 131 + 251 + 262 \\ 836 &:= 5^1 + 16^0 + 18^2 + 22^1 + 22^2 = 51 + 160 + 182 + 221 + 222 & 836 &:= 8^0 + 11^2 + 14^1 + 24^1 + 26^2 = 80 + 112 + 141 + 241 + 262 \\ 836 &:= 5^1 + 9^2 + 20^1 + 22^0 + 27^2 = 51 + 92 + 201 + 220 + 272 & 836 &:= 8^0 + 11^2 + 15^1 + 23^1 + 26^2 = 80 + 112 + 151 + 231 + 262 \\ 836 &:= 6^0 + 16^2 + 17^2 + 17^2 + 27^0 = 60 + 162 + 172 + 172 + 270 & 836 &:= 8^0 + 11^2 + 16^1 + 22^1 + 26^2 = 80 + 112 + 161 + 221 + 262 \\ 836 &:= 6^0 + 8^2 + 15^1 + 27^1 + 27^2 = 60 + 82 + 151 + 271 + 272 & 836 &:= 8^0 + 11^2 + 17^1 + 21^1 + 26^2 = 80 + 112 + 171 + 211 + 262 \\ 836 &:= 6^0 + 8^2 + 16^1 + 26^1 + 27^2 = 60 + 82 + 161 + 261 + 272 & 836 &:= 8^0 + 11^2 + 18^1 + 20^1 + 26^2 = 80 + 112 + 181 + 201 + 262 \\ 836 &:= 6^0 + 8^2 + 17^1 + 25^1 + 27^2 = 60 + 82 + 171 + 251 + 272 & 836 &:= 8^0 + 11^2 + 19^1 + 19^1 + 26^2 = 80 + 112 + 191 + 191 + 262 \\ 836 &:= 6^0 + 8^2 + 18^1 + 24^1 + 27^2 = 60 + 82 + 181 + 241 + 272 & 836 &:= 8^0 + 12^1 + 20^2 + 20^2 + 23^1 = 80 + 121 + 202 + 202 + 231 \\ 836 &:= 6^0 + 8^2 + 19^1 + 23^1 + 27^2 = 60 + 82 + 191 + 231 + 272 & 836 &:= 8^0 + 13^1 + 20^2 + 20^2 + 22^1 = 80 + 131 + 202 + 202 + 221 \\ 836 &:= 6^0 + 8^2 + 20^1 + 22^1 + 27^2 = 60 + 82 + 201 + 221 + 272 & 836 &:= 8^0 + 14^1 + 20^2 + 20^2 + 21^1 = 80 + 141 + 202 + 202 + 211 \\ 836 &:= 6^0 + 8^2 + 21^1 + 21^1 + 27^2 = 60 + 82 + 211 + 211 + 272 & 836 &:= 8^0 + 15^1 + 20^1 + 20^2 + 20^2 = 80 + 151 + 201 + 202 + 202 \\ 836 &:= 6^1 + 10^0 + 19^2 + 21^2 + 27^1 = 61 + 100 + 192 + 212 + 271 & 836 &:= 8^0 + 16^1 + 19^1 + 20^2 + 20^2 = 80 + 161 + 191 + 202 + 202 \\ 836 &:= 6^1 + 11^1 + 17^2 + 23^2 + 26^0 = 61 + 111 + 172 + 232 + 260 & 836 &:= 8^0 + 16^2 + 17^2 + 17^2 + 25^0 = 80 + 162 + 172 + 172 + 250 \\ 836 &:= 6^1 + 16^0 + 18^2 + 21^1 + 22^2 = 61 + 160 + 182 + 211 + 222 & 836 &:= 8^0 + 17^1 + 18^1 + 20^2 + 20^2 = 80 + 171 + 181 + 202 + 202 \\ 836 &:= 6^1 + 9^2 + 19^1 + 22^0 + 27^2 = 61 + 92 + 191 + 220 + 272 & 836 &:= 8^0 + 8^1 + 20^2 + 20^2 + 27^1 = 80 + 81 + 202 + 202 + 271 \\ 836 &:= 7^0 + 16^2 + 17^2 + 17^2 + 26^0 = 70 + 162 + 172 + 172 + 260 & 836 &:= 8^0 + 9^1 + 20^2 + 20^2 + 26^1 = 80 + 91 + 202 + 202 + 261 \\ 836 &:= 7^1 + 10^0 + 15^2 + 24^2 + 27^1 = 71 + 100 + 152 + 242 + 271 & 836 &:= 8^1 + 10^0 + 15^2 + 24^2 + 26^1 = 81 + 100 + 152 + 242 + 261 \\ 836 &:= 7^1 + 10^0 + 19^2 + 21^2 + 26^1 = 71 + 100 + 192 + 212 + 261 & 836 &:= 8^1 + 10^0 + 19^2 + 21^2 + 25^1 = 81 + 100 + 192 + 212 + 251 \\ 836 &:= 7^1 + 10^1 + 17^2 + 23^2 + 26^0 = 71 + 101 + 172 + 232 + 260 & 836 &:= 8^1 + 16^0 + 18^2 + 19^1 + 22^2 = 81 + 160 + 182 + 191 + 222 \\ 836 &:= 7^1 + 16^0 + 18^2 + 20^1 + 22^2 = 71 + 160 + 182 + 201 + 222 & 836 &:= 8^1 + 9^1 + 17^2 + 23^2 + 26^0 = 81 + 91 + 172 + 232 + 260 \\ 836 &:= 7^1 + 7^3 + 20^0 + 22^2 + 27^0 = 71 + 73 + 200 + 222 + 270 & 836 &:= 8^1 + 9^2 + 17^1 + 22^0 + 27^2 = 81 + 92 + 171 + 220 + 272 \\ 836 &:= 7^1 + 7^3 + 21^0 + 22^2 + 26^0 = 71 + 73 + 210 + 222 + 260 & 836 &:= 9^0 + 16^2 + 17^2 + 17^2 + 24^0 = 90 + 162 + 172 + 172 + 240 \\ 836 &:= 7^1 + 7^3 + 22^0 + 22^2 + 25^0 = 71 + 73 + 220 + 222 + 250 & 836 &:= 9^1 + 10^0 + 15^2 + 24^2 + 25^1 = 91 + 100 + 152 + 242 + 251 \\ 836 &:= 7^1 + 7^3 + 22^2 + 23^0 + 24^0 = 71 + 73 + 222 + 230 + 240 & 836 &:= 9^1 + 10^0 + 19^2 + 21^2 + 24^1 = 91 + 100 + 192 + 212 + 241 \\ 836 &:= 7^1 + 9^2 + 18^1 + 22^0 + 27^2 = 71 + 92 + 181 + 220 + 272 & 836 &:= 9^1 + 16^0 + 18^1 + 18^2 + 22^2 = 91 + 160 + 181 + 182 + 222 \\ 836 &:= 7^2 + 10^0 + 16^2 + 23^2 + 27^0 = 72 + 100 + 162 + 232 + 270 & 836 &:= 9^1 + 9^2 + 16^1 + 22^0 + 27^2 = 91 + 92 + 161 + 220 + 272 \\ 836 &:= 7^2 + 11^0 + 16^2 + 23^2 + 26^0 = 72 + 110 + 162 + 232 + 260 & 836 &:= 9^2 + 10^1 + 15^1 + 22^0 + 27^2 = 92 + 101 + 151 + 220 + 272 \\ 836 &:= 7^2 + 12^0 + 16^2 + 23^2 + 25^0 = 72 + 120 + 162 + 232 + 250 & 836 &:= 9^2 + 11^1 + 14^1 + 22^0 + 27^2 = 92 + 111 + 141 + 220 + 272 \\ 836 &:= 7^2 + 13^0 + 16^2 + 23^2 + 24^0 = 72 + 130 + 162 + 232 + 240 & 836 &:= 9^2 + 12^1 + 13^1 + 22^0 + 27^2 = 92 + 121 + 131 + 220 + 272 \\ 836 &:= 7^2 + 14^0 + 16^2 + 23^0 + 23^2 = 72 + 140 + 162 + 230 + 232 & 836 &:= 9^2 + 9^3 + 14^0 + 24^1 + 27^0 = 92 + 93 + 140 + 241 + 270 \\ 836 &:= 7^2 + 15^0 + 16^2 + 22^0 + 23^2 = 72 + 150 + 162 + 220 + 232 & 836 &:= 9^2 + 9^3 + 15^0 + 24^1 + 26^0 = 92 + 93 + 150 + 241 + 260 \\ 836 &:= 7^2 + 16^0 + 16^2 + 21^0 + 23^2 = 72 + 160 + 162 + 210 + 232 & 836 &:= 9^2 + 9^3 + 16^0 + 24^1 + 25^0 = 92 + 93 + 160 + 241 + 250 \\ 836 &:= 7^2 + 16^2 + 17^0 + 20^0 + 23^2 = 72 + 162 + 170 + 200 + 232 & 836 &:= 9^2 + 9^3 + 17^0 + 24^0 + 24^1 = 92 + 93 + 170 + 240 + 241 \\ 836 &:= 7^2 + 16^2 + 18^0 + 19^0 + 23^2 = 72 + 162 + 180 + 190 + 232 & 836 &:= 9^2 + 9^3 + 18^0 + 23^0 + 24^1 = 92 + 93 + 180 + 230 + 241 \end{aligned}$$

$$836 := 9^2 + 9^3 + 19^0 + 22^0 + 24^1 = 92 + 93 + 190 + 220 + 241$$

$$836 := 9^2 + 9^3 + 20^0 + 21^0 + 24^1 = 92 + 93 + 200 + 210 + 241$$

2.2.738 Number 837

$837 := 1^4 + 3^0 + 28^2 + 51^1 = 14 + 30 + 282 + 511$	$837 := 13^2 + 17^0 + 17^1 + 17^2 + 19^2 = 132 + 170 + 171 + 172 + 192$
$837 := 11^2 + 14^2 + 22^2 + 36^1 = 112 + 142 + 222 + 361$	$837 := 14^2 + 15^1 + 15^2 + 19^0 + 20^2 = 142 + 151 + 152 + 190 + 202$
$837 := 15^2 + 17^2 + 17^2 + 34^1 = 152 + 172 + 172 + 341$	$837 := 2^0 + 3^4 + 25^1 + 26^0 + 27^2 = 20 + 34 + 251 + 260 + 272$
$837 := 2^4 + 17^0 + 28^2 + 36^1 = 24 + 170 + 282 + 361$	$837 := 2^2 + 14^1 + 17^2 + 23^2 + 27^0 = 22 + 141 + 172 + 232 + 270$
$837 := 3^2 + 7^3 + 22^2 + 51^0 = 32 + 73 + 222 + 510$	$837 := 2^2 + 17^0 + 18^2 + 22^2 + 24^1 = 22 + 170 + 182 + 222 + 241$
$837 := 3^3 + 5^2 + 28^2 + 47^0 = 33 + 52 + 282 + 470$	$837 := 2^2 + 9^2 + 22^1 + 23^0 + 27^2 = 22 + 92 + 221 + 230 + 272$
$837 := 3^4 + 26^1 + 27^0 + 27^2 = 34 + 261 + 270 + 272$	$837 := 3^0 + 3^4 + 25^0 + 25^1 + 27^2 = 30 + 34 + 250 + 251 + 272$
$837 := 4^1 + 4^4 + 24^2 + 51^0 = 41 + 44 + 242 + 510$	$837 := 3^0 + 7^3 + 21^2 + 25^1 + 27^1 = 30 + 73 + 212 + 251 + 271$
$837 := 4^3 + 14^2 + 24^2 + 41^0 = 43 + 142 + 242 + 410$	$837 := 3^0 + 7^3 + 21^2 + 26^1 + 26^1 = 30 + 73 + 212 + 261 + 261$
$837 := 4^3 + 9^3 + 27^0 + 43^1 = 43 + 93 + 270 + 431$	$837 := 3^1 + 4^4 + 24^2 + 25^0 + 27^0 = 31 + 44 + 242 + 250 + 270$
$837 := 4^4 + 5^0 + 23^2 + 51^1 = 44 + 50 + 232 + 511$	$837 := 3^1 + 4^4 + 24^2 + 26^0 + 26^0 = 31 + 44 + 242 + 260 + 260$
$837 := 5^2 + 14^2 + 24^2 + 40^1 = 52 + 142 + 242 + 401$	$837 := 3^2 + 13^0 + 20^2 + 20^2 + 27^1 = 32 + 130 + 202 + 202 + 271$
$837 := 5^2 + 17^2 + 22^2 + 39^1 = 52 + 172 + 222 + 391$	$837 := 3^2 + 15^0 + 15^2 + 24^2 + 26^1 = 32 + 150 + 152 + 242 + 261$
$837 := 5^4 + 13^2 + 23^0 + 42^1 = 54 + 132 + 230 + 421$	$837 := 3^2 + 15^0 + 19^2 + 21^2 + 25^1 = 32 + 150 + 192 + 212 + 251$
$837 := 5^4 + 14^2 + 15^1 + 49^0 = 54 + 142 + 151 + 490$	$837 := 3^2 + 18^2 + 19^1 + 21^0 + 22^2 = 32 + 182 + 191 + 210 + 222$
$837 := 7^3 + 13^2 + 18^2 + 45^0 = 73 + 132 + 182 + 450$	$837 := 3^2 + 9^2 + 17^1 + 27^0 + 27^2 = 32 + 92 + 171 + 270 + 272$
$837 := 1^0 + 3^4 + 25^1 + 27^0 + 27^2 = 10 + 34 + 251 + 270 + 272$	$837 := 3^3 + 13^0 + 18^2 + 22^2 + 27^0 = 33 + 130 + 182 + 222 + 270$
$837 := 1^2 + 15^0 + 18^2 + 22^2 + 27^1 = 12 + 150 + 182 + 222 + 271$	$837 := 3^3 + 14^0 + 18^2 + 22^2 + 26^0 = 33 + 140 + 182 + 222 + 260$
$837 := 1^2 + 17^1 + 17^2 + 23^2 + 25^0 = 12 + 171 + 172 + 232 + 250$	$837 := 3^3 + 15^0 + 18^2 + 22^2 + 25^0 = 33 + 150 + 182 + 222 + 250$
$837 := 1^2 + 9^2 + 21^0 + 25^1 + 27^2 = 12 + 92 + 210 + 251 + 272$	$837 := 3^3 + 16^0 + 18^2 + 22^2 + 24^0 = 33 + 160 + 182 + 222 + 240$
$837 := 10^2 + 10^2 + 11^1 + 25^2 + 27^0 = 102 + 102 + 111 + 252 + 270$	$837 := 3^3 + 17^0 + 18^2 + 22^2 + 23^0 = 33 + 170 + 182 + 222 + 230$
$837 := 10^2 + 11^1 + 14^2 + 23^2 + 25^0 = 102 + 111 + 142 + 232 + 250$	$837 := 3^3 + 18^0 + 18^2 + 22^0 + 22^2 = 33 + 180 + 182 + 220 + 222$
$837 := 10^2 + 12^1 + 18^2 + 20^2 + 23^0 = 102 + 121 + 182 + 202 + 230$	$837 := 3^3 + 18^2 + 19^0 + 21^0 + 22^2 = 33 + 182 + 190 + 210 + 222$
$837 := 10^2 + 12^2 + 16^1 + 21^0 + 24^2 = 102 + 122 + 161 + 210 + 242$	$837 := 3^3 + 18^2 + 20^0 + 20^0 + 22^2 = 33 + 182 + 200 + 200 + 222$
$837 := 10^2 + 14^1 + 19^2 + 19^2 + 21^0 = 102 + 141 + 192 + 192 + 210$	$837 := 3^4 + 10^0 + 18^0 + 25^1 + 27^2 = 34 + 100 + 180 + 251 + 272$
$837 := 11^0 + 14^2 + 16^2 + 19^2 + 23^1 = 110 + 142 + 162 + 192 + 231$	$837 := 3^4 + 11^0 + 17^0 + 25^1 + 27^2 = 34 + 110 + 170 + 251 + 272$
$837 := 11^1 + 13^2 + 16^2 + 20^2 + 23^0 = 111 + 132 + 162 + 202 + 230$	$837 := 3^4 + 12^0 + 16^0 + 25^1 + 27^2 = 34 + 120 + 160 + 251 + 272$
$837 := 11^2 + 11^2 + 18^1 + 19^0 + 24^2 = 112 + 112 + 181 + 190 + 242$	$837 := 3^4 + 13^0 + 15^0 + 25^1 + 27^2 = 34 + 130 + 150 + 251 + 272$
$837 := 11^2 + 13^2 + 17^1 + 19^0 + 23^2 = 112 + 132 + 171 + 190 + 232$	$837 := 3^4 + 14^0 + 14^0 + 25^1 + 27^2 = 34 + 140 + 140 + 251 + 272$
$837 := 11^2 + 16^2 + 17^0 + 18^1 + 21^2 = 112 + 162 + 170 + 181 + 212$	$837 := 3^4 + 4^0 + 24^0 + 25^1 + 27^2 = 34 + 40 + 240 + 251 + 272$
$837 := 12^1 + 12^2 + 14^2 + 22^2 + 23^0 = 121 + 122 + 142 + 222 + 230$	$837 := 3^4 + 5^0 + 23^0 + 25^1 + 27^2 = 34 + 50 + 230 + 251 + 272$
$837 := 12^2 + 12^2 + 17^0 + 19^1 + 23^2 = 122 + 122 + 170 + 191 + 232$	$837 := 3^4 + 6^0 + 22^0 + 25^1 + 27^2 = 34 + 60 + 220 + 251 + 272$
$837 := 13^2 + 13^2 + 14^1 + 21^0 + 22^2 = 132 + 132 + 141 + 210 + 222$	$837 := 3^4 + 7^0 + 21^0 + 25^1 + 27^2 = 34 + 70 + 210 + 251 + 272$
$837 := 13^2 + 15^0 + 18^2 + 18^2 + 19^1 = 132 + 150 + 182 + 182 + 191$	$837 := 3^4 + 8^0 + 20^0 + 25^1 + 27^2 = 34 + 80 + 200 + 251 + 272$

$$\begin{aligned} 837 &:= 3^4 + 9^0 + 19^0 + 25^1 + 27^2 = 34 + 90 + 190 + 251 + 272 & 837 &:= 6^3 + 9^0 + 19^1 + 24^2 + 25^1 = 63 + 90 + 191 + 242 + 251 \\ 837 &:= 4^2 + 11^2 + 19^0 + 23^1 + 26^2 = 42 + 112 + 190 + 231 + 262 & 837 &:= 6^3 + 9^0 + 20^1 + 24^1 + 24^2 = 63 + 90 + 201 + 241 + 242 \\ 837 &:= 4^2 + 12^1 + 18^2 + 22^2 + 27^0 = 42 + 121 + 182 + 222 + 270 & 837 &:= 6^3 + 9^0 + 21^1 + 23^1 + 24^2 = 63 + 90 + 211 + 231 + 242 \\ 837 &:= 4^2 + 13^2 + 15^0 + 25^2 + 26^1 = 42 + 132 + 150 + 252 + 261 & 837 &:= 6^3 + 9^0 + 22^1 + 22^1 + 24^2 = 63 + 90 + 221 + 221 + 242 \\ 837 &:= 4^2 + 15^2 + 19^1 + 21^0 + 24^2 = 42 + 152 + 191 + 210 + 242 & 837 &:= 7^0 + 14^2 + 17^2 + 18^2 + 27^1 = 70 + 142 + 172 + 182 + 271 \\ 837 &:= 4^2 + 18^1 + 19^2 + 21^0 + 21^2 = 42 + 181 + 192 + 210 + 212 & 837 &:= 7^1 + 12^2 + 18^2 + 19^2 + 27^0 = 71 + 122 + 182 + 192 + 270 \\ 837 &:= 4^2 + 19^0 + 20^1 + 20^2 + 20^2 = 42 + 190 + 201 + 202 + 202 & 837 &:= 7^2 + 11^0 + 19^2 + 20^2 + 26^1 = 72 + 110 + 192 + 202 + 261 \\ 837 &:= 4^2 + 8^2 + 17^0 + 27^1 + 27^2 = 42 + 82 + 170 + 271 + 272 & 837 &:= 7^2 + 12^2 + 18^1 + 21^0 + 25^2 = 72 + 122 + 181 + 210 + 252 \\ 837 &:= 4^3 + 9^0 + 16^1 + 27^1 + 27^2 = 43 + 90 + 161 + 271 + 272 & 837 &:= 7^2 + 14^1 + 17^2 + 22^2 + 23^0 = 72 + 141 + 172 + 222 + 230 \\ 837 &:= 4^3 + 9^0 + 17^1 + 26^1 + 27^2 = 43 + 90 + 171 + 261 + 272 & 837 &:= 7^2 + 14^2 + 15^1 + 23^0 + 24^2 = 72 + 142 + 151 + 230 + 242 \\ 837 &:= 4^3 + 9^0 + 18^1 + 25^1 + 27^2 = 43 + 90 + 181 + 251 + 272 & 837 &:= 7^2 + 15^0 + 18^2 + 21^2 + 22^1 = 72 + 150 + 182 + 212 + 221 \\ 837 &:= 4^3 + 9^0 + 19^1 + 24^1 + 27^2 = 43 + 90 + 191 + 241 + 272 & 837 &:= 8^1 + 8^3 + 17^2 + 23^0 + 27^1 = 81 + 83 + 172 + 230 + 271 \\ 837 &:= 4^3 + 9^0 + 20^1 + 23^1 + 27^2 = 43 + 90 + 201 + 231 + 272 & 837 &:= 8^2 + 11^0 + 13^2 + 24^2 + 27^1 = 82 + 110 + 132 + 242 + 271 \\ 837 &:= 4^3 + 9^0 + 21^1 + 22^1 + 27^2 = 43 + 90 + 211 + 221 + 272 & 837 &:= 8^2 + 11^1 + 19^2 + 20^2 + 25^0 = 82 + 111 + 192 + 202 + 250 \\ 837 &:= 5^2 + 11^1 + 20^2 + 20^2 + 27^0 = 52 + 111 + 202 + 202 + 270 & 837 &:= 8^2 + 11^2 + 13^0 + 25^2 + 26^1 = 82 + 112 + 130 + 252 + 261 \\ 837 &:= 5^2 + 11^2 + 14^1 + 26^2 + 27^0 = 52 + 112 + 141 + 262 + 270 & 837 &:= 8^2 + 15^2 + 18^1 + 19^0 + 23^2 = 82 + 152 + 181 + 190 + 232 \\ 837 &:= 5^2 + 13^0 + 16^2 + 23^2 + 26^1 = 52 + 130 + 162 + 232 + 261 & 837 &:= 8^2 + 9^2 + 15^1 + 25^0 + 26^2 = 82 + 92 + 151 + 250 + 262 \\ 837 &:= 5^2 + 13^2 + 17^1 + 23^0 + 25^2 = 52 + 132 + 171 + 230 + 252 & 837 &:= 8^2 + 9^3 + 16^1 + 23^0 + 27^1 = 82 + 93 + 161 + 230 + 271 \\ 837 &:= 5^2 + 8^2 + 18^1 + 25^0 + 27^2 = 52 + 82 + 181 + 250 + 272 & 837 &:= 8^2 + 9^3 + 17^1 + 23^0 + 26^1 = 82 + 93 + 171 + 230 + 261 \\ 837 &:= 5^3 + 10^1 + 17^0 + 25^1 + 26^2 = 53 + 101 + 170 + 251 + 262 & 837 &:= 8^2 + 9^3 + 18^1 + 23^0 + 25^1 = 82 + 93 + 181 + 230 + 251 \\ 837 &:= 5^3 + 11^1 + 17^0 + 24^1 + 26^2 = 53 + 111 + 170 + 241 + 262 & 837 &:= 8^2 + 9^3 + 19^1 + 23^0 + 24^1 = 82 + 93 + 191 + 230 + 241 \\ 837 &:= 5^3 + 12^1 + 17^0 + 23^1 + 26^2 = 53 + 121 + 170 + 231 + 262 & 837 &:= 8^2 + 9^3 + 20^1 + 23^0 + 23^1 = 82 + 93 + 201 + 230 + 231 \\ 837 &:= 5^3 + 13^1 + 17^0 + 22^1 + 26^2 = 53 + 131 + 170 + 221 + 262 & 837 &:= 8^2 + 9^3 + 21^1 + 22^1 + 23^0 = 82 + 93 + 211 + 221 + 230 \\ 837 &:= 5^3 + 14^1 + 17^0 + 21^1 + 26^2 = 53 + 141 + 170 + 211 + 262 & 837 &:= 8^3 + 10^1 + 17^2 + 23^0 + 25^1 = 83 + 101 + 172 + 230 + 251 \\ 837 &:= 5^3 + 15^1 + 17^0 + 20^1 + 26^2 = 53 + 151 + 170 + 201 + 262 & 837 &:= 8^3 + 11^1 + 17^2 + 23^0 + 24^1 = 83 + 111 + 172 + 230 + 241 \\ 837 &:= 5^3 + 16^1 + 17^0 + 19^1 + 26^2 = 53 + 161 + 170 + 191 + 262 & 837 &:= 8^3 + 12^1 + 17^2 + 23^0 + 23^1 = 83 + 121 + 172 + 230 + 231 \\ 837 &:= 5^3 + 17^0 + 17^1 + 18^1 + 26^2 = 53 + 170 + 171 + 181 + 262 & 837 &:= 8^3 + 13^1 + 17^2 + 22^1 + 23^0 = 83 + 131 + 172 + 221 + 230 \\ 837 &:= 5^3 + 8^1 + 17^0 + 26^2 + 27^1 = 53 + 81 + 170 + 262 + 271 & 837 &:= 8^3 + 14^1 + 17^2 + 21^1 + 23^0 = 83 + 141 + 172 + 211 + 230 \\ 837 &:= 5^3 + 9^1 + 17^0 + 26^1 + 26^2 = 53 + 91 + 170 + 261 + 262 & 837 &:= 8^3 + 15^1 + 17^2 + 20^1 + 23^0 = 83 + 151 + 172 + 201 + 230 \\ 837 &:= 5^4 + 14^1 + 14^2 + 23^0 + 27^0 = 54 + 141 + 142 + 230 + 270 & 837 &:= 8^3 + 16^1 + 17^2 + 19^1 + 23^0 = 83 + 161 + 172 + 191 + 230 \\ 837 &:= 5^4 + 14^1 + 14^2 + 24^0 + 26^0 = 54 + 141 + 142 + 240 + 260 & 837 &:= 8^3 + 17^1 + 17^2 + 18^1 + 23^0 = 83 + 171 + 172 + 181 + 230 \\ 837 &:= 5^4 + 14^1 + 14^2 + 25^0 + 25^0 = 54 + 141 + 142 + 250 + 250 & 837 &:= 8^3 + 9^1 + 17^2 + 23^0 + 26^1 = 83 + 91 + 172 + 230 + 261 \\ 837 &:= 6^2 + 10^2 + 17^0 + 24^1 + 26^2 = 62 + 102 + 170 + 241 + 262 & 837 &:= 9^0 + 10^2 + 15^2 + 22^2 + 27^1 = 90 + 102 + 152 + 222 + 271 \\ 837 &:= 6^2 + 11^0 + 17^2 + 22^2 + 27^1 = 62 + 110 + 172 + 222 + 271 & 837 &:= 9^0 + 11^2 + 17^2 + 20^2 + 26^1 = 90 + 112 + 172 + 202 + 261 \\ 837 &:= 6^2 + 15^1 + 16^2 + 23^0 + 23^2 = 62 + 151 + 162 + 230 + 232 & 837 &:= 9^0 + 12^2 + 15^2 + 21^2 + 26^1 = 90 + 122 + 152 + 212 + 261 \\ 837 &:= 6^2 + 7^2 + 21^0 + 22^1 + 27^2 = 62 + 72 + 210 + 221 + 272 & 837 &:= 9^0 + 15^2 + 15^2 + 19^2 + 25^1 = 90 + 152 + 152 + 192 + 251 \\ 837 &:= 6^3 + 9^0 + 17^1 + 24^2 + 27^1 = 63 + 90 + 171 + 242 + 271 & 837 &:= 9^2 + 10^1 + 13^2 + 24^2 + 27^0 = 92 + 101 + 132 + 242 + 270 \\ 837 &:= 6^3 + 9^0 + 18^1 + 24^2 + 26^1 = 63 + 90 + 181 + 242 + 261 & 837 &:= 9^2 + 11^0 + 17^2 + 21^2 + 25^1 = 92 + 110 + 172 + 212 + 251 \end{aligned}$$

$$837 := 9^2 + 15^1 + 16^2 + 21^0 + 22^2 = 92 + 151 + 162 + 210 + 222$$

2.2.739 Number 838

$$838 := 1^3 + 8^3 + 18^2 + 56^0 = 13 + 83 + 182 + 560$$

$$838 := 1^5 + 2^0 + 28^2 + 52^1 = 15 + 20 + 282 + 521$$

$$838 := 1^6 + 1^9 + 28^2 + 52^1 = 16 + 19 + 282 + 521$$

$$838 := 1^6 + 2^5 + 3^6 + 76^1 = 16 + 25 + 36 + 761$$

$$838 := 1^7 + 1^8 + 28^2 + 52^1 = 17 + 18 + 282 + 521$$

$$838 := 1^7 + 2^9 + 18^2 + 61^0 = 17 + 29 + 182 + 610$$

$$838 := 1^9 + 3^6 + 6^2 + 72^1 = 19 + 36 + 62 + 721$$

$$838 := 2^0 + 4^4 + 8^3 + 69^1 = 20 + 44 + 83 + 691$$

$$838 := 2^3 + 2^9 + 3^5 + 75^1 = 23 + 29 + 35 + 751$$

$$838 := 2^3 + 9^3 + 10^2 + 62^0 = 23 + 93 + 102 + 620$$

$$838 := 2^4 + 14^2 + 25^2 + 42^0 = 24 + 142 + 252 + 420$$

$$838 := 2^5 + 21^1 + 28^2 + 32^0 = 25 + 211 + 282 + 320$$

$$838 := 2^7 + 2^7 + 8^3 + 70^1 = 27 + 27 + 83 + 701$$

$$838 := 2^8 + 2^9 + 9^0 + 69^1 = 28 + 29 + 90 + 691$$

$$838 := 3^3 + 9^2 + 9^3 + 62^0 = 33 + 92 + 93 + 620$$

$$838 := 3^4 + 9^3 + 27^1 + 44^0 = 34 + 93 + 271 + 440$$

$$838 := 3^5 + 18^1 + 24^2 + 38^0 = 35 + 181 + 242 + 380$$

$$838 := 4^2 + 5^4 + 14^2 + 60^0 = 42 + 54 + 142 + 600$$

$$838 := 1^1 + 3^4 + 26^0 + 26^1 + 27^2 = 11 + 34 + 260 + 261 + 272$$

$$838 := 1^3 + 17^2 + 18^1 + 23^2 + 24^0 = 13 + 172 + 181 + 232 + 240$$

$$838 := 1^3 + 9^2 + 20^0 + 26^1 + 27^2 = 13 + 92 + 200 + 261 + 272$$

$$838 := 10^2 + 15^2 + 16^2 + 16^2 + 26^0 = 102 + 152 + 162 + 162 + 260$$

$$838 := 11^2 + 14^2 + 14^2 + 18^2 + 26^0 = 112 + 142 + 142 + 182 + 260$$

$$838 := 12^2 + 12^2 + 15^2 + 18^2 + 26^0 = 122 + 122 + 152 + 182 + 260$$

$$838 := 2^1 + 3^4 + 25^1 + 26^0 + 27^2 = 21 + 34 + 251 + 260 + 272$$

$$838 := 2^2 + 4^4 + 24^2 + 26^0 + 27^0 = 22 + 44 + 242 + 260 + 270$$

$$838 := 2^3 + 14^0 + 19^2 + 21^2 + 27^1 = 23 + 140 + 192 + 212 + 271$$

$$838 := 2^3 + 18^2 + 20^0 + 21^1 + 22^2 = 23 + 182 + 200 + 211 + 222$$

$$838 := 2^3 + 9^2 + 19^1 + 26^0 + 27^2 = 23 + 92 + 191 + 260 + 272$$

$$838 := 2^4 + 12^2 + 16^0 + 26^2 + 27^0 = 24 + 122 + 160 + 262 + 270$$

$$838 := 2^4 + 12^2 + 17^0 + 26^0 + 26^2 = 24 + 122 + 170 + 260 + 262$$

$$838 := 2^4 + 12^2 + 18^0 + 25^0 + 26^2 = 24 + 122 + 180 + 250 + 262$$

$$838 := 2^4 + 12^2 + 19^0 + 24^0 + 26^2 = 24 + 122 + 190 + 240 + 262$$

$$838 := 2^4 + 12^2 + 20^0 + 23^0 + 26^2 = 24 + 122 + 200 + 230 + 262$$

$$838 := 2^4 + 12^2 + 21^0 + 22^0 + 26^2 = 24 + 122 + 210 + 220 + 262$$

$$838 := 3^1 + 3^4 + 24^1 + 26^0 + 27^2 = 31 + 34 + 241 + 260 + 272$$

$$838 := 3^2 + 5^3 + 22^0 + 26^2 + 27^1 = 32 + 53 + 220 + 262 + 271$$

$$838 := 3^3 + 13^2 + 16^1 + 25^2 + 26^0 = 33 + 132 + 161 + 252 + 260$$

$$838 := 3^3 + 16^0 + 16^2 + 23^2 + 25^1 = 33 + 160 + 162 + 232 + 251$$

$$838 := 3^4 + 10^1 + 17^1 + 26^0 + 27^2 = 34 + 101 + 171 + 260 + 272$$

$$838 := 3^4 + 11^1 + 16^1 + 26^0 + 27^2 = 34 + 111 + 161 + 260 + 272$$

$$838 := 3^4 + 12^1 + 15^1 + 26^0 + 27^2 = 34 + 121 + 151 + 260 + 272$$

$$838 := 3^4 + 13^1 + 14^1 + 26^0 + 27^2 = 34 + 131 + 141 + 260 + 272$$

$$838 := 3^4 + 4^1 + 23^1 + 26^0 + 27^2 = 34 + 41 + 231 + 260 + 272$$

$$838 := 3^4 + 5^1 + 22^1 + 26^0 + 27^2 = 34 + 51 + 221 + 260 + 272$$

$$838 := 3^4 + 6^1 + 21^1 + 26^0 + 27^2 = 34 + 61 + 211 + 260 + 272$$

$$838 := 3^4 + 7^1 + 20^1 + 26^0 + 27^2 = 34 + 71 + 201 + 260 + 272$$

$$838 := 3^4 + 8^1 + 19^1 + 26^0 + 27^2 = 34 + 81 + 191 + 260 + 272$$

$$838 := 3^4 + 9^1 + 18^1 + 26^0 + 27^2 = 34 + 91 + 181 + 260 + 272$$

$$838 := 3^4 + 9^3 + 18^0 + 26^1 + 27^0 = 34 + 93 + 180 + 261 + 270$$

$$838 := 3^4 + 9^3 + 19^0 + 26^0 + 26^1 = 34 + 93 + 190 + 260 + 261$$

$$838 := 3^4 + 9^3 + 20^0 + 25^0 + 26^1 = 34 + 93 + 200 + 250 + 261$$

$$838 := 3^4 + 9^3 + 21^0 + 24^0 + 26^1 = 34 + 93 + 210 + 240 + 261$$

$$838 := 3^4 + 9^3 + 22^0 + 23^0 + 26^1 = 34 + 93 + 220 + 230 + 261$$

$$838 := 3^5 + 12^0 + 17^1 + 24^2 + 27^0 = 35 + 120 + 171 + 242 + 270$$

$$838 := 3^5 + 13^0 + 17^1 + 24^2 + 26^0 = 35 + 130 + 171 + 242 + 260$$

$$838 := 3^5 + 14^0 + 17^1 + 24^2 + 25^0 = 35 + 140 + 171 + 242 + 250$$

$$838 := 3^5 + 15^0 + 17^1 + 24^0 + 24^2 = 35 + 150 + 171 + 240 + 242$$

$$838 := 3^5 + 16^0 + 17^1 + 23^0 + 24^2 = 35 + 160 + 171 + 230 + 242$$

$$838 := 3^5 + 17^0 + 17^1 + 22^0 + 24^2 = 35 + 170 + 171 + 220 + 242$$

$$838 := 3^5 + 17^1 + 18^0 + 21^0 + 24^2 = 35 + 171 + 180 + 210 + 242$$

$$838 := 3^5 + 17^1 + 19^0 + 20^0 + 24^2 = 35 + 171 + 190 + 200 + 242$$

$$838 := 4^0 + 4^4 + 23^2 + 25^1 + 27^1 = 40 + 44 + 232 + 251 + 271$$

$$838 := 4^0 + 4^4 + 23^2 + 26^1 + 26^1 = 40 + 44 + 232 + 261 + 261$$

$$838 := 4^3 + 11^2 + 16^0 + 25^2 + 27^1 = 43 + 112 + 160 + 252 + 271$$

$$838 := 4^3 + 15^2 + 19^1 + 22^0 + 23^2 = 43 + 152 + 191 + 220 + 232$$

$$838 := 4^3 + 9^3 + 17^1 + 26^0 + 27^1 = 43 + 93 + 171 + 260 + 271$$

$$838 := 4^3 + 9^3 + 18^1 + 26^0 + 26^1 = 43 + 93 + 181 + 260 + 261$$

$$838 := 4^3 + 9^3 + 19^1 + 25^1 + 26^0 = 43 + 93 + 191 + 251 + 260$$

$$838 := 4^3 + 9^3 + 20^1 + 24^1 + 26^0 = 43 + 93 + 201 + 241 + 260$$

$838 := 4^3 + 9^3 + 21^1 + 23^1 + 26^0 = 43 + 93 + 211 + 231 + 260$	$838 := 5^3 + 8^2 + 22^0 + 23^1 + 25^2 = 53 + 82 + 220 + 231 + 252$
$838 := 4^3 + 9^3 + 22^1 + 22^1 + 26^0 = 43 + 93 + 221 + 221 + 260$	$838 := 5^4 + 13^2 + 16^1 + 22^0 + 27^1 = 54 + 132 + 161 + 220 + 271$
$838 := 4^4 + 16^2 + 18^0 + 18^2 + 27^0 = 44 + 162 + 180 + 182 + 270$	$838 := 5^4 + 13^2 + 17^1 + 22^0 + 26^1 = 54 + 132 + 171 + 220 + 261$
$838 := 4^4 + 16^2 + 18^2 + 19^0 + 26^0 = 44 + 162 + 182 + 190 + 260$	$838 := 5^4 + 13^2 + 18^1 + 22^0 + 25^1 = 54 + 132 + 181 + 220 + 251$
$838 := 4^4 + 16^2 + 18^2 + 20^0 + 25^0 = 44 + 162 + 182 + 200 + 250$	$838 := 5^4 + 13^2 + 19^1 + 22^0 + 24^1 = 54 + 132 + 191 + 220 + 241$
$838 := 4^4 + 16^2 + 18^2 + 21^0 + 24^0 = 44 + 162 + 182 + 210 + 240$	$838 := 5^4 + 13^2 + 20^1 + 22^0 + 23^1 = 54 + 132 + 201 + 220 + 231$
$838 := 4^4 + 16^2 + 18^2 + 22^0 + 23^0 = 44 + 162 + 182 + 220 + 230$	$838 := 5^4 + 13^2 + 21^1 + 22^0 + 22^1 = 54 + 132 + 211 + 220 + 221$
$838 := 5^3 + 14^0 + 18^2 + 19^2 + 27^1 = 53 + 140 + 182 + 192 + 271$	$838 := 6^3 + 14^2 + 18^0 + 20^2 + 25^1 = 63 + 142 + 180 + 202 + 251$
$838 := 5^3 + 15^1 + 16^2 + 21^2 + 26^0 = 53 + 151 + 162 + 212 + 260$	$838 := 7^3 + 12^2 + 18^2 + 20^0 + 26^1 = 73 + 122 + 182 + 200 + 261$
$838 := 5^3 + 17^2 + 18^0 + 20^2 + 23^1 = 53 + 172 + 180 + 202 + 231$	

2.2.740 Number 839

$839 := 1^6 + 28^2 + 54^1 = 16 + 282 + 541$	$839 := 1^5 + 24^1 + 28^2 + 30^1 = 15 + 241 + 282 + 301$
$839 := 3^6 + 6^2 + 74^1 = 36 + 62 + 741$	$839 := 1^5 + 25^1 + 28^2 + 29^1 = 15 + 251 + 282 + 291$
$839 := 1^0 + 1^6 + 28^2 + 53^1 = 10 + 16 + 282 + 531$	$839 := 1^5 + 26^1 + 28^1 + 28^2 = 15 + 261 + 281 + 282$
$839 := 1^0 + 3^6 + 6^2 + 73^1 = 10 + 36 + 62 + 731$	$839 := 1^5 + 27^1 + 27^1 + 28^2 = 15 + 271 + 271 + 282$
$839 := 1^1 + 1^5 + 28^2 + 53^1 = 11 + 15 + 282 + 531$	$839 := 1^5 + 3^1 + 28^2 + 51^1 = 15 + 31 + 282 + 511$
$839 := 1^1 + 4^4 + 8^3 + 70^1 = 11 + 44 + 83 + 701$	$839 := 1^5 + 4^1 + 28^2 + 50^1 = 15 + 41 + 282 + 501$
$839 := 1^2 + 1^4 + 28^2 + 53^1 = 12 + 14 + 282 + 531$	$839 := 1^5 + 5^1 + 28^2 + 49^1 = 15 + 51 + 282 + 491$
$839 := 1^3 + 1^3 + 28^2 + 53^1 = 13 + 13 + 282 + 531$	$839 := 1^5 + 6^1 + 28^2 + 48^1 = 15 + 61 + 282 + 481$
$839 := 1^3 + 7^3 + 21^2 + 54^1 = 13 + 73 + 212 + 541$	$839 := 1^5 + 7^1 + 28^2 + 47^1 = 15 + 71 + 282 + 471$
$839 := 1^4 + 13^2 + 25^2 + 44^1 = 14 + 132 + 252 + 441$	$839 := 1^5 + 8^1 + 28^2 + 46^1 = 15 + 81 + 282 + 461$
$839 := 1^5 + 10^1 + 28^2 + 44^1 = 15 + 101 + 282 + 441$	$839 := 1^5 + 9^1 + 28^2 + 45^1 = 15 + 91 + 282 + 451$
$839 := 1^5 + 11^1 + 28^2 + 43^1 = 15 + 111 + 282 + 431$	$839 := 1^6 + 28^2 + 54^1 = 16 + 282 + 541$
$839 := 1^5 + 12^1 + 28^2 + 42^1 = 15 + 121 + 282 + 421$	$839 := 2^1 + 4^4 + 8^3 + 69^1 = 21 + 44 + 83 + 691$
$839 := 1^5 + 13^1 + 28^2 + 41^1 = 15 + 131 + 282 + 411$	$839 := 2^3 + 6^2 + 9^3 + 66^1 = 23 + 62 + 93 + 661$
$839 := 1^5 + 14^1 + 28^2 + 40^1 = 15 + 141 + 282 + 401$	$839 := 2^6 + 9^0 + 27^2 + 45^1 = 26 + 90 + 272 + 451$
$839 := 1^5 + 15^1 + 28^2 + 39^1 = 15 + 151 + 282 + 391$	$839 := 3^1 + 4^4 + 8^3 + 68^1 = 31 + 44 + 83 + 681$
$839 := 1^5 + 16^1 + 28^2 + 38^1 = 15 + 161 + 282 + 381$	$839 := 3^3 + 4^2 + 9^3 + 67^1 = 33 + 42 + 93 + 671$
$839 := 1^5 + 17^1 + 28^2 + 37^1 = 15 + 171 + 282 + 371$	$839 := 3^6 + 6^2 + 74^1 = 36 + 62 + 741$
$839 := 1^5 + 18^1 + 28^2 + 36^1 = 15 + 181 + 282 + 361$	$839 := 3^6 + 7^2 + 13^0 + 60^1 = 36 + 72 + 130 + 601$
$839 := 1^5 + 19^1 + 28^2 + 35^1 = 15 + 191 + 282 + 351$	$839 := 3^6 + 8^2 + 27^0 + 45^1 = 36 + 82 + 270 + 451$
$839 := 1^5 + 2^1 + 28^2 + 52^1 = 15 + 21 + 282 + 521$	$839 := 3^6 + 9^1 + 10^2 + 61^0 = 36 + 91 + 102 + 610$
$839 := 1^5 + 20^1 + 28^2 + 34^1 = 15 + 201 + 282 + 341$	$839 := 3^6 + 9^2 + 28^1 + 43^0 = 36 + 92 + 281 + 430$
$839 := 1^5 + 21^1 + 28^2 + 33^1 = 15 + 211 + 282 + 331$	$839 := 4^1 + 4^4 + 8^3 + 67^1 = 41 + 44 + 83 + 671$
$839 := 1^5 + 22^1 + 28^2 + 32^1 = 15 + 221 + 282 + 321$	$839 := 4^4 + 5^1 + 8^3 + 66^1 = 44 + 51 + 83 + 661$
$839 := 1^5 + 23^1 + 28^2 + 31^1 = 15 + 231 + 282 + 311$	$839 := 4^4 + 6^1 + 8^3 + 65^1 = 44 + 61 + 83 + 651$

$839 := 4^4 + 7^1 + 8^3 + 64^1$	$= 44 + 71 + 83 + 641$	$839 := 1^3 + 13^2 + 20^1 + 24^1 + 25^2$	$= 13 + 132 + 201 + 241 + 252$
$839 := 4^4 + 7^2 + 22^2 + 50^1$	$= 44 + 72 + 222 + 501$	$839 := 1^3 + 13^2 + 21^1 + 23^1 + 25^2$	$= 13 + 132 + 211 + 231 + 252$
$839 := 4^4 + 8^1 + 8^3 + 63^1$	$= 44 + 81 + 83 + 631$	$839 := 1^3 + 13^2 + 22^1 + 22^1 + 25^2$	$= 13 + 132 + 221 + 221 + 252$
$839 := 4^4 + 8^3 + 10^1 + 61^1$	$= 44 + 83 + 101 + 611$	$839 := 1^4 + 12^2 + 17^1 + 26^2 + 27^0$	$= 14 + 122 + 171 + 262 + 270$
$839 := 4^4 + 8^3 + 11^1 + 60^1$	$= 44 + 83 + 111 + 601$	$839 := 1^4 + 14^2 + 16^1 + 25^2 + 27^0$	$= 14 + 142 + 161 + 252 + 270$
$839 := 4^4 + 8^3 + 12^1 + 59^1$	$= 44 + 83 + 121 + 591$	$839 := 1^4 + 17^2 + 19^1 + 23^0 + 23^2$	$= 14 + 172 + 191 + 230 + 232$
$839 := 4^4 + 8^3 + 13^1 + 58^1$	$= 44 + 83 + 131 + 581$	$839 := 1^4 + 9^2 + 19^0 + 27^1 + 27^2$	$= 14 + 92 + 190 + 271 + 272$
$839 := 4^4 + 8^3 + 14^1 + 57^1$	$= 44 + 83 + 141 + 571$	$839 := 14^2 + 14^2 + 14^2 + 15^2 + 26^1$	$= 142 + 142 + 142 + 152 + 261$
$839 := 4^4 + 8^3 + 15^1 + 56^1$	$= 44 + 83 + 151 + 561$	$839 := 2^2 + 3^4 + 24^1 + 27^0 + 27^2$	$= 22 + 34 + 241 + 270 + 272$
$839 := 4^4 + 8^3 + 16^1 + 55^1$	$= 44 + 83 + 161 + 551$	$839 := 2^4 + 11^2 + 19^0 + 25^1 + 26^2$	$= 24 + 112 + 190 + 251 + 262$
$839 := 4^4 + 8^3 + 17^1 + 54^1$	$= 44 + 83 + 171 + 541$	$839 := 2^4 + 14^1 + 18^2 + 22^2 + 27^0$	$= 24 + 141 + 182 + 222 + 270$
$839 := 4^4 + 8^3 + 18^1 + 53^1$	$= 44 + 83 + 181 + 531$	$839 := 2^4 + 15^2 + 21^0 + 21^1 + 24^2$	$= 24 + 152 + 210 + 211 + 242$
$839 := 4^4 + 8^3 + 19^1 + 52^1$	$= 44 + 83 + 191 + 521$	$839 := 2^4 + 19^0 + 20^2 + 20^2 + 22^1$	$= 24 + 190 + 202 + 202 + 221$
$839 := 4^4 + 8^3 + 20^1 + 51^1$	$= 44 + 83 + 201 + 511$	$839 := 2^4 + 19^2 + 20^1 + 21^0 + 21^2$	$= 24 + 192 + 201 + 210 + 212$
$839 := 4^4 + 8^3 + 21^1 + 50^1$	$= 44 + 83 + 211 + 501$	$839 := 3^3 + 12^2 + 16^1 + 25^2 + 27^1$	$= 33 + 122 + 161 + 252 + 271$
$839 := 4^4 + 8^3 + 22^1 + 49^1$	$= 44 + 83 + 221 + 491$	$839 := 3^3 + 12^2 + 17^1 + 25^2 + 26^1$	$= 33 + 122 + 171 + 252 + 261$
$839 := 4^4 + 8^3 + 23^1 + 48^1$	$= 44 + 83 + 231 + 481$	$839 := 3^3 + 12^2 + 18^1 + 25^1 + 25^2$	$= 33 + 122 + 181 + 251 + 252$
$839 := 4^4 + 8^3 + 24^1 + 47^1$	$= 44 + 83 + 241 + 471$	$839 := 3^3 + 12^2 + 19^1 + 24^1 + 25^2$	$= 33 + 122 + 191 + 241 + 252$
$839 := 4^4 + 8^3 + 25^1 + 46^1$	$= 44 + 83 + 251 + 461$	$839 := 3^3 + 12^2 + 20^1 + 23^1 + 25^2$	$= 33 + 122 + 201 + 231 + 252$
$839 := 4^4 + 8^3 + 26^1 + 45^1$	$= 44 + 83 + 261 + 451$	$839 := 3^3 + 12^2 + 21^1 + 22^1 + 25^2$	$= 33 + 122 + 211 + 221 + 252$
$839 := 4^4 + 8^3 + 27^1 + 44^1$	$= 44 + 83 + 271 + 441$	$839 := 3^3 + 3^4 + 23^0 + 27^0 + 27^2$	$= 33 + 34 + 230 + 270 + 272$
$839 := 4^4 + 8^3 + 28^1 + 43^1$	$= 44 + 83 + 281 + 431$	$839 := 3^3 + 3^4 + 24^0 + 26^0 + 27^2$	$= 33 + 34 + 240 + 260 + 272$
$839 := 4^4 + 8^3 + 29^1 + 42^1$	$= 44 + 83 + 291 + 421$	$839 := 3^3 + 3^4 + 25^0 + 25^0 + 27^2$	$= 33 + 34 + 250 + 250 + 272$
$839 := 4^4 + 8^3 + 30^1 + 41^1$	$= 44 + 83 + 301 + 411$	$839 := 3^3 + 6^2 + 20^1 + 27^1 + 27^2$	$= 33 + 62 + 201 + 271 + 272$
$839 := 4^4 + 8^3 + 31^1 + 40^1$	$= 44 + 83 + 311 + 401$	$839 := 3^3 + 6^2 + 21^1 + 26^1 + 27^2$	$= 33 + 62 + 211 + 261 + 272$
$839 := 4^4 + 8^3 + 32^1 + 39^1$	$= 44 + 83 + 321 + 391$	$839 := 3^3 + 6^2 + 22^1 + 25^1 + 27^2$	$= 33 + 62 + 221 + 251 + 272$
$839 := 4^4 + 8^3 + 33^1 + 38^1$	$= 44 + 83 + 331 + 381$	$839 := 3^3 + 6^2 + 23^1 + 24^1 + 27^2$	$= 33 + 62 + 231 + 241 + 272$
$839 := 4^4 + 8^3 + 34^1 + 37^1$	$= 44 + 83 + 341 + 371$	$839 := 3^3 + 7^3 + 21^2 + 25^0 + 27^1$	$= 33 + 73 + 212 + 250 + 271$
$839 := 4^4 + 8^3 + 35^1 + 36^1$	$= 44 + 83 + 351 + 361$	$839 := 3^4 + 15^0 + 17^2 + 21^2 + 27^1$	$= 34 + 150 + 172 + 212 + 271$
$839 := 4^4 + 8^3 + 9^1 + 62^1$	$= 44 + 83 + 91 + 621$	$839 := 3^4 + 16^2 + 17^1 + 22^2 + 25^0$	$= 34 + 162 + 171 + 222 + 250$
$839 := 5^3 + 8^3 + 12^2 + 58^1$	$= 53 + 83 + 122 + 581$	$839 := 3^6 + 9^2 + 17^0 + 27^0 + 27^1$	$= 36 + 92 + 170 + 270 + 271$
$839 := 6^3 + 7^2 + 8^3 + 62^1$	$= 63 + 72 + 83 + 621$	$839 := 3^6 + 9^2 + 18^0 + 26^0 + 27^1$	$= 36 + 92 + 180 + 260 + 271$
$839 := 6^3 + 7^3 + 15^2 + 55^1$	$= 63 + 73 + 152 + 551$	$839 := 3^6 + 9^2 + 19^0 + 25^0 + 27^1$	$= 36 + 92 + 190 + 250 + 271$
$839 := 1^2 + 3^4 + 25^0 + 27^1 + 27^2$	$= 12 + 34 + 250 + 271 + 272$	$839 := 3^6 + 9^2 + 20^0 + 24^0 + 27^1$	$= 36 + 92 + 200 + 240 + 271$
$839 := 1^2 + 7^3 + 21^2 + 27^1 + 27^1$	$= 12 + 73 + 212 + 271 + 271$	$839 := 3^6 + 9^2 + 21^0 + 23^0 + 27^1$	$= 36 + 92 + 210 + 230 + 271$
$839 := 1^3 + 13^2 + 17^1 + 25^2 + 27^1$	$= 13 + 132 + 171 + 252 + 271$	$839 := 3^6 + 9^2 + 22^0 + 22^0 + 27^1$	$= 36 + 92 + 220 + 220 + 271$
$839 := 1^3 + 13^2 + 18^1 + 25^2 + 26^1$	$= 13 + 132 + 181 + 252 + 261$	$839 := 4^3 + 5^3 + 24^1 + 25^0 + 25^2$	$= 43 + 53 + 241 + 250 + 252$
$839 := 1^3 + 13^2 + 19^1 + 25^1 + 25^2$	$= 13 + 132 + 191 + 251 + 252$	$839 := 4^4 + 11^2 + 20^1 + 21^2 + 27^0$	$= 44 + 112 + 201 + 212 + 270$

$$\begin{aligned}
 839 &:= 4^4 + 14^2 + 19^2 + 21^0 + 25^1 = 44 + 142 + 192 + 210 + 251 \\
 839 &:= 6^3 + 16^1 + 16^2 + 18^2 + 27^1 = 63 + 161 + 162 + 182 + 271 \\
 839 &:= 6^3 + 16^2 + 17^1 + 18^2 + 26^1 = 63 + 162 + 171 + 182 + 261 \\
 839 &:= 6^3 + 16^2 + 18^1 + 18^2 + 25^1 = 63 + 162 + 181 + 182 + 251 \\
 839 &:= 6^3 + 16^2 + 18^2 + 19^1 + 24^1 = 63 + 162 + 182 + 191 + 241 \\
 839 &:= 6^3 + 16^2 + 18^2 + 20^1 + 23^1 = 63 + 162 + 182 + 201 + 231 \\
 839 &:= 6^3 + 16^2 + 18^2 + 21^1 + 22^1 = 63 + 162 + 182 + 211 + 221
 \end{aligned}$$

$$\begin{aligned}
 839 &:= 7^2 + 8^3 + 15^2 + 26^1 + 27^1 = 72 + 83 + 152 + 261 + 271 \\
 839 &:= 7^3 + 15^2 + 15^2 + 19^1 + 27^1 = 73 + 152 + 152 + 191 + 271 \\
 839 &:= 7^3 + 15^2 + 15^2 + 20^1 + 26^1 = 73 + 152 + 152 + 201 + 261 \\
 839 &:= 7^3 + 15^2 + 15^2 + 21^1 + 25^1 = 73 + 152 + 152 + 211 + 251 \\
 839 &:= 7^3 + 15^2 + 15^2 + 22^1 + 24^1 = 73 + 152 + 152 + 221 + 241 \\
 839 &:= 7^3 + 15^2 + 15^2 + 23^1 + 23^1 = 73 + 152 + 152 + 231 + 231
 \end{aligned}$$

2.2.741 Number 840

$$\begin{aligned}
 840 &:= 1^8 + 2^8 + 8^3 + 71^1 = 18 + 28 + 83 + 711 \\
 840 &:= 2^6 + 9^3 + 26^0 + 46^1 = 26 + 93 + 260 + 461 \\
 840 &:= 2^7 + 20^0 + 26^2 + 35^1 = 27 + 200 + 262 + 351 \\
 840 &:= 3^6 + 4^3 + 30^0 + 46^1 = 36 + 43 + 300 + 461 \\
 840 &:= 1^5 + 12^2 + 18^1 + 26^0 + 26^2 = 15 + 122 + 181 + 260 + 262 \\
 840 &:= 1^5 + 14^2 + 17^1 + 25^2 + 26^0 = 15 + 142 + 171 + 252 + 260 \\
 840 &:= 1^5 + 17^2 + 20^1 + 22^0 + 23^2 = 15 + 172 + 201 + 220 + 232 \\
 840 &:= 2^5 + 16^2 + 20^0 + 22^1 + 23^2 = 25 + 162 + 200 + 221 + 232 \\
 840 &:= 2^6 + 8^0 + 19^1 + 27^1 + 27^2 = 26 + 80 + 191 + 271 + 272 \\
 840 &:= 2^6 + 8^0 + 20^1 + 26^1 + 27^2 = 26 + 80 + 201 + 261 + 272 \\
 840 &:= 2^6 + 8^0 + 21^1 + 25^1 + 27^2 = 26 + 80 + 211 + 251 + 272 \\
 840 &:= 2^6 + 8^0 + 22^1 + 24^1 + 27^2 = 26 + 80 + 221 + 241 + 272
 \end{aligned}$$

$$\begin{aligned}
 840 &:= 2^6 + 8^0 + 23^1 + 23^1 + 27^2 = 26 + 80 + 231 + 231 + 272 \\
 840 &:= 3^3 + 4^4 + 23^2 + 26^0 + 27^1 = 33 + 44 + 232 + 260 + 271 \\
 840 &:= 3^4 + 3^4 + 24^0 + 26^2 + 27^0 = 34 + 34 + 240 + 262 + 270 \\
 840 &:= 3^4 + 3^4 + 25^0 + 26^0 + 26^2 = 34 + 34 + 250 + 260 + 262 \\
 840 &:= 3^5 + 13^2 + 20^0 + 20^2 + 27^1 = 35 + 132 + 200 + 202 + 271 \\
 840 &:= 3^6 + 8^2 + 19^1 + 26^0 + 27^1 = 36 + 82 + 191 + 260 + 271 \\
 840 &:= 3^6 + 8^2 + 20^1 + 26^0 + 26^1 = 36 + 82 + 201 + 260 + 261 \\
 840 &:= 3^6 + 8^2 + 21^1 + 25^1 + 26^0 = 36 + 82 + 211 + 251 + 260 \\
 840 &:= 3^6 + 8^2 + 22^1 + 24^1 + 26^0 = 36 + 82 + 221 + 241 + 260 \\
 840 &:= 3^6 + 8^2 + 23^1 + 23^1 + 26^0 = 36 + 82 + 231 + 231 + 260
 \end{aligned}$$

2.2.742 Number 841

$$\begin{aligned}
 841 &:= 1^4 + 4^4 + 23^2 + 55^1 = 14 + 44 + 232 + 551 \\
 841 &:= 1^6 + 2^2 + 28^2 + 52^1 = 16 + 22 + 282 + 521 \\
 841 &:= 1^6 + 8^2 + 27^2 + 47^1 = 16 + 82 + 272 + 471 \\
 841 &:= 2^2 + 3^6 + 6^2 + 72^1 = 22 + 36 + 62 + 721 \\
 841 &:= 2^4 + 3^3 + 9^3 + 69^1 = 24 + 33 + 93 + 691 \\
 841 &:= 2^7 + 6^2 + 26^2 + 49^0 = 27 + 62 + 262 + 490 \\
 841 &:= 2^8 + 3^0 + 23^2 + 55^1 = 28 + 30 + 232 + 551 \\
 841 &:= 2^8 + 8^1 + 24^2 + 49^0 = 28 + 81 + 242 + 490 \\
 841 &:= 3^4 + 3^6 + 30^1 + 47^0 = 34 + 36 + 301 + 470 \\
 841 &:= 3^5 + 7^3 + 14^2 + 59^1 = 35 + 73 + 142 + 591 \\
 841 &:= 3^6 + 4^2 + 5^2 + 71^1 = 36 + 42 + 52 + 711 \\
 841 &:= 1^5 + 8^2 + 20^1 + 27^1 + 27^2 = 15 + 82 + 201 + 271 + 272 \\
 841 &:= 1^5 + 8^2 + 21^1 + 26^1 + 27^2 = 15 + 82 + 211 + 261 + 272 \\
 841 &:= 1^5 + 8^2 + 22^1 + 25^1 + 27^2 = 15 + 82 + 221 + 251 + 272
 \end{aligned}$$

$$\begin{aligned}
 841 &:= 1^5 + 8^2 + 23^1 + 24^1 + 27^2 = 15 + 82 + 231 + 241 + 272 \\
 841 &:= 1^6 + 12^2 + 19^1 + 25^0 + 26^2 = 16 + 122 + 191 + 250 + 262 \\
 841 &:= 1^6 + 14^2 + 18^1 + 25^0 + 25^2 = 16 + 142 + 181 + 250 + 252 \\
 841 &:= 1^6 + 17^2 + 21^0 + 21^1 + 23^2 = 16 + 172 + 210 + 211 + 232 \\
 841 &:= 2^6 + 15^1 + 19^2 + 20^2 + 27^0 = 26 + 151 + 192 + 202 + 270 \\
 841 &:= 2^6 + 15^2 + 21^0 + 22^1 + 23^2 = 26 + 152 + 210 + 221 + 232 \\
 841 &:= 2^6 + 5^2 + 22^1 + 27^0 + 27^2 = 26 + 52 + 221 + 270 + 272 \\
 841 &:= 2^6 + 9^2 + 19^1 + 26^2 + 27^0 = 26 + 92 + 191 + 262 + 270 \\
 841 &:= 2^6 + 9^3 + 20^1 + 25^0 + 27^1 = 26 + 93 + 201 + 250 + 271 \\
 841 &:= 2^6 + 9^3 + 21^1 + 25^0 + 26^1 = 26 + 93 + 211 + 250 + 261 \\
 841 &:= 2^6 + 9^3 + 22^1 + 25^0 + 25^1 = 26 + 93 + 221 + 250 + 251 \\
 841 &:= 2^6 + 9^3 + 23^1 + 24^1 + 25^0 = 26 + 93 + 231 + 241 + 250 \\
 841 &:= 2^7 + 10^1 + 19^0 + 26^1 + 26^2 = 27 + 101 + 190 + 261 + 262 \\
 841 &:= 2^7 + 11^1 + 19^0 + 25^1 + 26^2 = 27 + 111 + 190 + 251 + 262
 \end{aligned}$$

$$\begin{aligned}
 841 &:= 2^7 + 12^1 + 19^0 + 24^1 + 26^2 = 27 + 121 + 190 + 241 + 262 \\
 841 &:= 2^7 + 13^1 + 19^0 + 23^1 + 26^2 = 27 + 131 + 190 + 231 + 262 \\
 841 &:= 2^7 + 14^1 + 19^0 + 22^1 + 26^2 = 27 + 141 + 190 + 221 + 262 \\
 841 &:= 2^7 + 15^1 + 19^0 + 21^1 + 26^2 = 27 + 151 + 190 + 211 + 262 \\
 841 &:= 2^7 + 16^1 + 19^0 + 20^1 + 26^2 = 27 + 161 + 190 + 201 + 262 \\
 841 &:= 2^7 + 17^1 + 19^0 + 19^1 + 26^2 = 27 + 171 + 190 + 191 + 262 \\
 841 &:= 2^7 + 18^1 + 18^1 + 19^0 + 26^2 = 27 + 181 + 181 + 190 + 262 \\
 841 &:= 2^7 + 9^1 + 19^0 + 26^2 + 27^1 = 27 + 91 + 190 + 262 + 271
 \end{aligned}$$

$$\begin{aligned}
 841 &:= 2^8 + 7^1 + 23^0 + 24^2 + 27^0 = 28 + 71 + 230 + 242 + 270 \\
 841 &:= 2^8 + 7^1 + 24^0 + 24^2 + 26^0 = 28 + 71 + 240 + 242 + 260 \\
 841 &:= 2^8 + 7^1 + 24^2 + 25^0 + 25^0 = 28 + 71 + 242 + 250 + 250 \\
 841 &:= 3^5 + 4^2 + 23^2 + 26^1 + 27^1 = 35 + 42 + 232 + 261 + 271 \\
 841 &:= 3^5 + 8^2 + 22^2 + 23^1 + 27^1 = 35 + 82 + 222 + 231 + 271 \\
 841 &:= 3^5 + 8^2 + 22^2 + 24^1 + 26^1 = 35 + 82 + 222 + 241 + 261 \\
 841 &:= 3^5 + 8^2 + 22^2 + 25^1 + 25^1 = 35 + 82 + 222 + 251 + 251
 \end{aligned}$$

2.2.743 Number 842

$$\begin{aligned}
 842 &:= 29^2 + 55^0 = 292 + 550 \\
 842 &:= 2^8 + 12^2 + 21^2 + 48^0 = 28 + 122 + 212 + 480 \\
 842 &:= 2^8 + 3^2 + 24^2 + 54^0 = 28 + 32 + 242 + 540 \\
 842 &:= 2^9 + 17^2 + 24^0 + 40^1 = 29 + 172 + 240 + 401 \\
 842 &:= 2^9 + 5^1 + 18^2 + 58^0 = 29 + 51 + 182 + 580 \\
 842 &:= 1^7 + 12^2 + 20^1 + 24^0 + 26^2 = 17 + 122 + 201 + 240 + 262 \\
 842 &:= 1^7 + 14^2 + 19^1 + 24^0 + 25^2 = 17 + 142 + 191 + 240 + 252 \\
 842 &:= 1^7 + 17^2 + 20^0 + 22^1 + 23^2 = 17 + 172 + 200 + 221 + 232
 \end{aligned}$$

$$\begin{aligned}
 842 &:= 2^6 + 5^3 + 24^0 + 25^2 + 27^1 = 26 + 53 + 240 + 252 + 271 \\
 842 &:= 2^7 + 17^2 + 20^0 + 20^2 + 24^1 = 27 + 172 + 200 + 202 + 241 \\
 842 &:= 2^7 + 8^2 + 24^0 + 24^1 + 25^2 = 27 + 82 + 240 + 241 + 252 \\
 842 &:= 2^8 + 10^2 + 22^0 + 22^2 + 27^0 = 28 + 102 + 220 + 222 + 270 \\
 842 &:= 2^8 + 10^2 + 22^2 + 23^0 + 26^0 = 28 + 102 + 222 + 230 + 260 \\
 842 &:= 2^8 + 10^2 + 22^2 + 24^0 + 25^0 = 28 + 102 + 222 + 240 + 250
 \end{aligned}$$

2.2.744 Number 843

$$\begin{aligned}
 843 &:= 1^1 + 29^2 + 54^0 = 11 + 292 + 540 \\
 843 &:= 1^1 + 29^2 + 54^0 = 11 + 292 + 540 \\
 843 &:= 1^2 + 2^8 + 23^2 + 57^1 = 12 + 28 + 232 + 571 \\
 843 &:= 1^6 + 5^4 + 6^3 + 71^0 = 16 + 54 + 63 + 710 \\
 843 &:= 1^8 + 11^2 + 26^2 + 45^1 = 18 + 112 + 262 + 451 \\
 843 &:= 1^8 + 20^2 + 20^2 + 42^1 = 18 + 202 + 202 + 421 \\
 843 &:= 1^8 + 6^3 + 25^2 + 51^0 = 18 + 63 + 252 + 510 \\
 843 &:= 1^9 + 20^2 + 21^2 + 41^0 = 19 + 202 + 212 + 410 \\
 843 &:= 2^4 + 3^6 + 5^2 + 73^1 = 24 + 36 + 52 + 731 \\
 843 &:= 2^5 + 3^6 + 9^2 + 69^0 = 25 + 36 + 92 + 690 \\
 843 &:= 2^6 + 3^6 + 29^0 + 49^1 = 26 + 36 + 290 + 491 \\
 843 &:= 1^7 + 11^2 + 18^1 + 26^2 + 27^1 = 17 + 112 + 181 + 262 + 271 \\
 843 &:= 1^7 + 11^2 + 19^1 + 26^1 + 26^2 = 17 + 112 + 191 + 261 + 262 \\
 843 &:= 1^7 + 11^2 + 20^1 + 25^1 + 26^2 = 17 + 112 + 201 + 251 + 262 \\
 843 &:= 1^7 + 11^2 + 21^1 + 24^1 + 26^2 = 17 + 112 + 211 + 241 + 262 \\
 843 &:= 1^7 + 11^2 + 22^1 + 23^1 + 26^2 = 17 + 112 + 221 + 231 + 262 \\
 843 &:= 1^7 + 15^1 + 20^2 + 20^2 + 27^1 = 17 + 151 + 202 + 202 + 271
 \end{aligned}$$

$$\begin{aligned}
 843 &:= 1^7 + 16^1 + 20^2 + 20^2 + 26^1 = 17 + 161 + 202 + 202 + 261 \\
 843 &:= 1^7 + 17^1 + 20^2 + 20^2 + 25^1 = 17 + 171 + 202 + 202 + 251 \\
 843 &:= 1^7 + 18^1 + 20^2 + 20^2 + 24^1 = 17 + 181 + 202 + 202 + 241 \\
 843 &:= 1^7 + 19^1 + 20^2 + 20^2 + 23^1 = 17 + 191 + 202 + 202 + 231 \\
 843 &:= 1^7 + 20^1 + 20^2 + 20^2 + 22^1 = 17 + 201 + 202 + 202 + 221 \\
 843 &:= 1^7 + 20^2 + 20^2 + 21^1 + 21^1 = 17 + 202 + 202 + 211 + 211 \\
 843 &:= 1^8 + 12^2 + 21^1 + 23^0 + 26^2 = 18 + 122 + 211 + 230 + 262 \\
 843 &:= 1^8 + 14^2 + 20^1 + 23^0 + 25^2 = 18 + 142 + 201 + 230 + 252 \\
 843 &:= 1^8 + 17^2 + 19^0 + 23^1 + 23^2 = 18 + 172 + 190 + 231 + 232 \\
 843 &:= 2^7 + 4^3 + 25^1 + 25^2 + 27^0 = 27 + 43 + 251 + 252 + 270 \\
 843 &:= 2^8 + 10^1 + 21^1 + 23^2 + 27^1 = 28 + 101 + 211 + 232 + 271 \\
 843 &:= 2^8 + 10^1 + 22^1 + 23^2 + 26^1 = 28 + 101 + 221 + 232 + 261 \\
 843 &:= 2^8 + 10^1 + 23^1 + 23^2 + 25^1 = 28 + 101 + 231 + 232 + 251 \\
 843 &:= 2^8 + 10^1 + 23^2 + 24^1 + 24^1 = 28 + 101 + 232 + 241 + 241 \\
 843 &:= 2^8 + 11^1 + 20^1 + 23^2 + 27^1 = 28 + 111 + 201 + 232 + 271 \\
 843 &:= 2^8 + 11^1 + 21^1 + 23^2 + 26^1 = 28 + 111 + 211 + 232 + 261 \\
 843 &:= 2^8 + 11^1 + 22^1 + 23^2 + 25^1 = 28 + 111 + 221 + 232 + 251
 \end{aligned}$$

$$\begin{aligned}
 843 &:= 2^8 + 11^1 + 23^1 + 23^2 + 24^1 = 28 + 111 + 231 + 232 + 241 \\
 843 &:= 2^8 + 11^2 + 21^2 + 24^1 + 25^0 = 28 + 112 + 212 + 241 + 250 \\
 843 &:= 2^8 + 12^1 + 19^1 + 23^2 + 27^1 = 28 + 121 + 191 + 232 + 271 \\
 843 &:= 2^8 + 12^1 + 20^1 + 23^2 + 26^1 = 28 + 121 + 201 + 232 + 261 \\
 843 &:= 2^8 + 12^1 + 21^1 + 23^2 + 25^1 = 28 + 121 + 211 + 232 + 251 \\
 843 &:= 2^8 + 12^1 + 22^1 + 23^2 + 24^1 = 28 + 121 + 221 + 232 + 241 \\
 843 &:= 2^8 + 12^1 + 23^1 + 23^1 + 23^2 = 28 + 121 + 231 + 231 + 232 \\
 843 &:= 2^8 + 13^1 + 18^1 + 23^2 + 27^1 = 28 + 131 + 181 + 232 + 271 \\
 843 &:= 2^8 + 13^1 + 19^1 + 23^2 + 26^1 = 28 + 131 + 191 + 232 + 261 \\
 843 &:= 2^8 + 13^1 + 20^1 + 23^2 + 25^1 = 28 + 131 + 201 + 232 + 251 \\
 843 &:= 2^8 + 13^1 + 21^1 + 23^2 + 24^1 = 28 + 131 + 211 + 232 + 241 \\
 843 &:= 2^8 + 13^1 + 22^1 + 23^1 + 23^2 = 28 + 131 + 221 + 231 + 232 \\
 843 &:= 2^8 + 14^1 + 17^1 + 23^2 + 27^1 = 28 + 141 + 171 + 232 + 271 \\
 843 &:= 2^8 + 14^1 + 18^1 + 23^2 + 26^1 = 28 + 141 + 181 + 232 + 261 \\
 843 &:= 2^8 + 14^1 + 19^1 + 23^2 + 25^1 = 28 + 141 + 191 + 232 + 251 \\
 843 &:= 2^8 + 14^1 + 20^1 + 23^2 + 24^1 = 28 + 141 + 201 + 232 + 241 \\
 843 &:= 2^8 + 14^1 + 21^1 + 23^1 + 23^2 = 28 + 141 + 211 + 231 + 232 \\
 843 &:= 2^8 + 14^1 + 22^1 + 22^1 + 23^2 = 28 + 141 + 221 + 221 + 232 \\
 843 &:= 2^8 + 15^1 + 16^1 + 23^2 + 27^1 = 28 + 151 + 161 + 232 + 271 \\
 843 &:= 2^8 + 15^1 + 17^1 + 23^2 + 26^1 = 28 + 151 + 171 + 232 + 261 \\
 843 &:= 2^8 + 15^1 + 18^1 + 23^2 + 25^1 = 28 + 151 + 181 + 232 + 251 \\
 843 &:= 2^8 + 15^1 + 19^1 + 23^2 + 24^1 = 28 + 151 + 191 + 232 + 241 \\
 843 &:= 2^8 + 15^1 + 20^1 + 23^1 + 23^2 = 28 + 151 + 201 + 231 + 232 \\
 843 &:= 2^8 + 15^1 + 21^1 + 22^1 + 23^2 = 28 + 151 + 211 + 221 + 232 \\
 843 &:= 2^8 + 16^1 + 16^1 + 23^2 + 26^1 = 28 + 161 + 161 + 232 + 261 \\
 843 &:= 2^8 + 16^1 + 17^1 + 23^2 + 25^1 = 28 + 161 + 171 + 232 + 251 \\
 843 &:= 2^8 + 16^1 + 18^1 + 23^2 + 24^1 = 28 + 161 + 181 + 232 + 241 \\
 843 &:= 2^8 + 16^1 + 19^1 + 23^1 + 23^2 = 28 + 161 + 191 + 231 + 232 \\
 843 &:= 2^8 + 16^1 + 20^1 + 22^1 + 23^2 = 28 + 161 + 201 + 221 + 232
 \end{aligned}$$

$$\begin{aligned}
 843 &:= 2^8 + 16^1 + 21^1 + 21^1 + 23^2 = 28 + 161 + 211 + 211 + 232 \\
 843 &:= 2^8 + 17^1 + 17^1 + 23^2 + 24^1 = 28 + 171 + 171 + 232 + 241 \\
 843 &:= 2^8 + 17^1 + 18^1 + 23^1 + 23^2 = 28 + 171 + 181 + 231 + 232 \\
 843 &:= 2^8 + 17^1 + 19^1 + 22^1 + 23^2 = 28 + 171 + 191 + 221 + 232 \\
 843 &:= 2^8 + 17^1 + 20^1 + 21^1 + 23^2 = 28 + 171 + 201 + 211 + 232 \\
 843 &:= 2^8 + 18^1 + 18^1 + 22^1 + 23^2 = 28 + 181 + 181 + 221 + 232 \\
 843 &:= 2^8 + 18^1 + 19^1 + 21^1 + 23^2 = 28 + 181 + 191 + 211 + 232 \\
 843 &:= 2^8 + 18^1 + 20^1 + 20^1 + 23^2 = 28 + 181 + 201 + 201 + 232 \\
 843 &:= 2^8 + 19^1 + 19^1 + 20^1 + 23^2 = 28 + 191 + 191 + 201 + 232 \\
 843 &:= 2^8 + 4^1 + 23^2 + 27^1 + 27^1 = 28 + 41 + 232 + 271 + 271 \\
 843 &:= 2^8 + 5^1 + 23^2 + 26^1 + 27^1 = 28 + 51 + 232 + 261 + 271 \\
 843 &:= 2^8 + 6^1 + 23^2 + 25^1 + 27^1 = 28 + 61 + 232 + 251 + 271 \\
 843 &:= 2^8 + 6^1 + 23^2 + 26^1 + 26^1 = 28 + 61 + 232 + 261 + 261 \\
 843 &:= 2^8 + 7^1 + 23^2 + 24^1 + 27^1 = 28 + 71 + 232 + 241 + 271 \\
 843 &:= 2^8 + 7^1 + 23^2 + 25^1 + 26^1 = 28 + 71 + 232 + 251 + 261 \\
 843 &:= 2^8 + 8^1 + 23^1 + 23^2 + 27^1 = 28 + 81 + 231 + 232 + 271 \\
 843 &:= 2^8 + 8^1 + 23^2 + 24^1 + 26^1 = 28 + 81 + 232 + 241 + 261 \\
 843 &:= 2^8 + 8^1 + 23^2 + 25^1 + 25^1 = 28 + 81 + 232 + 251 + 251 \\
 843 &:= 2^8 + 9^1 + 22^1 + 23^2 + 27^1 = 28 + 91 + 221 + 232 + 271 \\
 843 &:= 2^8 + 9^1 + 23^1 + 23^2 + 26^1 = 28 + 91 + 231 + 232 + 261 \\
 843 &:= 2^8 + 9^1 + 23^2 + 24^1 + 25^1 = 28 + 91 + 232 + 241 + 251 \\
 843 &:= 2^9 + 14^1 + 17^2 + 23^0 + 27^1 = 29 + 141 + 172 + 230 + 271 \\
 843 &:= 2^9 + 15^1 + 17^2 + 23^0 + 26^1 = 29 + 151 + 172 + 230 + 261 \\
 843 &:= 2^9 + 16^1 + 17^2 + 23^0 + 25^1 = 29 + 161 + 172 + 230 + 251 \\
 843 &:= 2^9 + 17^1 + 17^2 + 23^0 + 24^1 = 29 + 171 + 172 + 230 + 241 \\
 843 &:= 2^9 + 17^2 + 18^1 + 23^0 + 23^1 = 29 + 172 + 181 + 230 + 231 \\
 843 &:= 2^9 + 17^2 + 19^1 + 22^1 + 23^0 = 29 + 172 + 191 + 221 + 230 \\
 843 &:= 2^9 + 17^2 + 20^1 + 21^1 + 23^0 = 29 + 172 + 201 + 211 + 230
 \end{aligned}$$

2.2.745 Number 844

$$\begin{aligned}
 844 &:= 1^0 + 1^2 + 29^2 + 53^0 &= 10 + 12 + 292 + 530 \\
 844 &:= 1^1 + 1^1 + 29^2 + 53^0 &= 11 + 11 + 292 + 530 \\
 844 &:= 1^2 + 10^0 + 29^2 + 44^0 &= 12 + 100 + 292 + 440 \\
 844 &:= 1^2 + 11^0 + 29^2 + 43^0 &= 12 + 110 + 292 + 430 \\
 844 &:= 1^2 + 12^0 + 29^2 + 42^0 &= 12 + 120 + 292 + 420 \\
 844 &:= 1^2 + 13^0 + 29^2 + 41^0 &= 12 + 130 + 292 + 410
 \end{aligned}$$

$$\begin{aligned}
 844 &:= 1^2 + 14^0 + 29^2 + 40^0 &= 12 + 140 + 292 + 400 \\
 844 &:= 1^2 + 15^0 + 29^2 + 39^0 &= 12 + 150 + 292 + 390 \\
 844 &:= 1^2 + 16^0 + 29^2 + 38^0 &= 12 + 160 + 292 + 380 \\
 844 &:= 1^2 + 17^0 + 29^2 + 37^0 &= 12 + 170 + 292 + 370 \\
 844 &:= 1^2 + 18^0 + 29^2 + 36^0 &= 12 + 180 + 292 + 360 \\
 844 &:= 1^2 + 19^0 + 29^2 + 35^0 &= 12 + 190 + 292 + 350
 \end{aligned}$$

$844 := 1^2 + 2^0 + 29^2 + 52^0$	$= 12 + 20 + 292 + 520$	$844 := 10^0 + 14^0 + 19^0 + 20^2 + 21^2 = 100 + 140 + 190 + 202 + 212$
$844 := 1^2 + 20^0 + 29^2 + 34^0$	$= 12 + 200 + 292 + 340$	$844 := 10^0 + 15^0 + 18^0 + 20^2 + 21^2 = 100 + 150 + 180 + 202 + 212$
$844 := 1^2 + 21^0 + 29^2 + 33^0$	$= 12 + 210 + 292 + 330$	$844 := 10^0 + 16^0 + 17^0 + 20^2 + 21^2 = 100 + 160 + 170 + 202 + 212$
$844 := 1^2 + 22^0 + 29^2 + 32^0$	$= 12 + 220 + 292 + 320$	$844 := 11^0 + 11^0 + 20^2 + 21^0 + 21^2 = 110 + 110 + 202 + 210 + 212$
$844 := 1^2 + 23^0 + 29^2 + 31^0$	$= 12 + 230 + 292 + 310$	$844 := 11^0 + 12^0 + 20^0 + 20^2 + 21^2 = 110 + 120 + 200 + 202 + 212$
$844 := 1^2 + 24^0 + 29^2 + 30^0$	$= 12 + 240 + 292 + 300$	$844 := 11^0 + 13^0 + 19^0 + 20^2 + 21^2 = 110 + 130 + 190 + 202 + 212$
$844 := 1^2 + 25^0 + 29^0 + 29^2$	$= 12 + 250 + 290 + 292$	$844 := 11^0 + 14^0 + 18^0 + 20^2 + 21^2 = 110 + 140 + 180 + 202 + 212$
$844 := 1^2 + 26^0 + 28^0 + 29^2$	$= 12 + 260 + 280 + 292$	$844 := 11^0 + 15^0 + 17^0 + 20^2 + 21^2 = 110 + 150 + 170 + 202 + 212$
$844 := 1^2 + 27^0 + 27^0 + 29^2$	$= 12 + 270 + 270 + 292$	$844 := 11^0 + 16^0 + 16^0 + 20^2 + 21^2 = 110 + 160 + 160 + 202 + 212$
$844 := 1^2 + 3^0 + 29^2 + 51^0$	$= 12 + 30 + 292 + 510$	$844 := 12^0 + 12^0 + 19^0 + 20^2 + 21^2 = 120 + 120 + 190 + 202 + 212$
$844 := 1^2 + 4^0 + 29^2 + 50^0$	$= 12 + 40 + 292 + 500$	$844 := 12^0 + 13^0 + 18^0 + 20^2 + 21^2 = 120 + 130 + 180 + 202 + 212$
$844 := 1^2 + 5^0 + 29^2 + 49^0$	$= 12 + 50 + 292 + 490$	$844 := 12^0 + 14^0 + 17^0 + 20^2 + 21^2 = 120 + 140 + 170 + 202 + 212$
$844 := 1^2 + 6^0 + 29^2 + 48^0$	$= 12 + 60 + 292 + 480$	$844 := 12^0 + 15^0 + 16^0 + 20^2 + 21^2 = 120 + 150 + 160 + 202 + 212$
$844 := 1^2 + 7^0 + 29^2 + 47^0$	$= 12 + 70 + 292 + 470$	$844 := 13^0 + 13^0 + 17^0 + 20^2 + 21^2 = 130 + 130 + 170 + 202 + 212$
$844 := 1^2 + 8^0 + 29^2 + 46^0$	$= 12 + 80 + 292 + 460$	$844 := 13^0 + 14^0 + 16^0 + 20^2 + 21^2 = 130 + 140 + 160 + 202 + 212$
$844 := 1^2 + 9^0 + 29^2 + 45^0$	$= 12 + 90 + 292 + 450$	$844 := 13^0 + 15^0 + 15^0 + 20^2 + 21^2 = 130 + 150 + 150 + 202 + 212$
$844 := 1^3 + 1^9 + 29^2 + 52^0$	$= 13 + 19 + 292 + 520$	$844 := 14^0 + 14^0 + 15^0 + 20^2 + 21^2 = 140 + 140 + 150 + 202 + 212$
$844 := 1^4 + 1^8 + 29^2 + 52^0$	$= 14 + 18 + 292 + 520$	$844 := 2^0 + 14^0 + 20^2 + 21^2 + 27^0 = 20 + 140 + 202 + 212 + 270$
$844 := 1^5 + 1^7 + 29^2 + 52^0$	$= 15 + 17 + 292 + 520$	$844 := 2^0 + 15^0 + 20^2 + 21^2 + 26^0 = 20 + 150 + 202 + 212 + 260$
$844 := 1^6 + 1^6 + 29^2 + 52^0$	$= 16 + 16 + 292 + 520$	$844 := 2^0 + 16^0 + 20^2 + 21^2 + 25^0 = 20 + 160 + 202 + 212 + 250$
$844 := 2^0 + 2^9 + 4^4 + 75^1$	$= 20 + 29 + 44 + 751$	$844 := 2^0 + 17^0 + 20^2 + 21^2 + 24^0 = 20 + 170 + 202 + 212 + 240$
$844 := 2^7 + 2^7 + 2^9 + 76^1$	$= 27 + 27 + 29 + 761$	$844 := 2^0 + 18^0 + 20^2 + 21^2 + 23^0 = 20 + 180 + 202 + 212 + 230$
$844 := 1^0 + 15^0 + 20^2 + 21^2 + 27^0$	$= 10 + 150 + 202 + 212 + 270$	$844 := 2^0 + 19^0 + 20^2 + 21^2 + 22^0 = 20 + 190 + 202 + 212 + 220$
$844 := 1^0 + 16^0 + 20^2 + 21^2 + 26^0$	$= 10 + 160 + 202 + 212 + 260$	$844 := 2^0 + 20^0 + 20^2 + 21^0 + 21^2 = 20 + 200 + 202 + 210 + 212$
$844 := 1^0 + 17^0 + 20^2 + 21^2 + 25^0$	$= 10 + 170 + 202 + 212 + 250$	$844 := 3^0 + 13^0 + 20^2 + 21^2 + 27^0 = 30 + 130 + 202 + 212 + 270$
$844 := 1^0 + 18^0 + 20^2 + 21^2 + 24^0$	$= 10 + 180 + 202 + 212 + 240$	$844 := 3^0 + 14^0 + 20^2 + 21^2 + 26^0 = 30 + 140 + 202 + 212 + 260$
$844 := 1^0 + 19^0 + 20^2 + 21^2 + 23^0$	$= 10 + 190 + 202 + 212 + 230$	$844 := 3^0 + 15^0 + 20^2 + 21^2 + 25^0 = 30 + 150 + 202 + 212 + 250$
$844 := 1^0 + 20^0 + 20^2 + 21^2 + 22^0$	$= 10 + 200 + 202 + 212 + 220$	$844 := 3^0 + 16^0 + 20^2 + 21^2 + 24^0 = 30 + 160 + 202 + 212 + 240$
$844 := 1^0 + 20^2 + 21^0 + 21^0 + 21^2$	$= 10 + 202 + 210 + 210 + 212$	$844 := 3^0 + 17^0 + 20^2 + 21^2 + 23^0 = 30 + 170 + 202 + 212 + 230$
$844 := 1^9 + 12^2 + 22^0 + 22^1 + 26^2$	$= 19 + 122 + 220 + 221 + 262$	$844 := 3^0 + 18^0 + 20^2 + 21^2 + 22^0 = 30 + 180 + 202 + 212 + 220$
$844 := 1^9 + 14^2 + 21^1 + 22^0 + 25^2$	$= 19 + 142 + 211 + 220 + 252$	$844 := 3^0 + 19^0 + 20^2 + 21^0 + 21^2 = 30 + 190 + 202 + 210 + 212$
$844 := 1^9 + 17^2 + 18^0 + 23^2 + 24^1$	$= 19 + 172 + 180 + 232 + 241$	$844 := 3^0 + 20^0 + 20^0 + 20^2 + 21^2 = 30 + 200 + 200 + 202 + 212$
$844 := 1^9 + 6^3 + 24^0 + 25^2 + 27^0$	$= 19 + 63 + 240 + 252 + 270$	$844 := 4^0 + 12^0 + 20^2 + 21^2 + 27^0 = 40 + 120 + 202 + 212 + 270$
$844 := 1^9 + 6^3 + 25^0 + 25^2 + 26^0$	$= 19 + 63 + 250 + 252 + 260$	$844 := 4^0 + 13^0 + 20^2 + 21^2 + 26^0 = 40 + 130 + 202 + 212 + 260$
$844 := 10^0 + 10^0 + 20^2 + 21^2 + 23^0$	$= 100 + 100 + 202 + 212 + 230$	$844 := 4^0 + 14^0 + 20^2 + 21^2 + 25^0 = 40 + 140 + 202 + 212 + 250$
$844 := 10^0 + 11^0 + 20^2 + 21^2 + 22^0$	$= 100 + 110 + 202 + 212 + 220$	$844 := 4^0 + 15^0 + 20^2 + 21^2 + 24^0 = 40 + 150 + 202 + 212 + 240$
$844 := 10^0 + 12^0 + 20^2 + 21^0 + 21^2$	$= 100 + 120 + 202 + 210 + 212$	$844 := 4^0 + 16^0 + 20^2 + 21^2 + 23^0 = 40 + 160 + 202 + 212 + 230$
$844 := 10^0 + 13^0 + 20^0 + 20^2 + 21^2$	$= 100 + 130 + 200 + 202 + 212$	$844 := 4^0 + 17^0 + 20^2 + 21^2 + 22^0 = 40 + 170 + 202 + 212 + 220$

$844 := 4^0 + 18^0 + 20^2 + 21^0 + 21^2 = 40 + 180 + 202 + 210 + 212$	$844 := 7^0 + 15^0 + 20^2 + 21^0 + 21^2 = 70 + 150 + 202 + 210 + 212$
$844 := 4^0 + 19^0 + 20^0 + 20^2 + 21^2 = 40 + 190 + 200 + 202 + 212$	$844 := 7^0 + 16^0 + 20^0 + 20^2 + 21^2 = 70 + 160 + 200 + 202 + 212$
$844 := 5^0 + 11^0 + 20^2 + 21^2 + 27^0 = 50 + 110 + 202 + 212 + 270$	$844 := 7^0 + 17^0 + 19^0 + 20^2 + 21^2 = 70 + 170 + 190 + 202 + 212$
$844 := 5^0 + 12^0 + 20^2 + 21^2 + 26^0 = 50 + 120 + 202 + 212 + 260$	$844 := 7^0 + 18^0 + 18^0 + 20^2 + 21^2 = 70 + 180 + 180 + 202 + 212$
$844 := 5^0 + 13^0 + 20^2 + 21^2 + 25^0 = 50 + 130 + 202 + 212 + 250$	$844 := 7^0 + 9^0 + 20^2 + 21^2 + 27^0 = 70 + 90 + 202 + 212 + 270$
$844 := 5^0 + 14^0 + 20^2 + 21^2 + 24^0 = 50 + 140 + 202 + 212 + 240$	$844 := 8^0 + 10^0 + 20^2 + 21^2 + 25^0 = 80 + 100 + 202 + 212 + 250$
$844 := 5^0 + 15^0 + 20^2 + 21^2 + 23^0 = 50 + 150 + 202 + 212 + 230$	$844 := 8^0 + 11^0 + 20^2 + 21^2 + 24^0 = 80 + 110 + 202 + 212 + 240$
$844 := 5^0 + 16^0 + 20^2 + 21^2 + 22^0 = 50 + 160 + 202 + 212 + 220$	$844 := 8^0 + 12^0 + 20^2 + 21^2 + 23^0 = 80 + 120 + 202 + 212 + 230$
$844 := 5^0 + 17^0 + 20^2 + 21^0 + 21^2 = 50 + 170 + 202 + 210 + 212$	$844 := 8^0 + 13^0 + 20^2 + 21^2 + 22^0 = 80 + 130 + 202 + 212 + 220$
$844 := 5^0 + 18^0 + 20^0 + 20^2 + 21^2 = 50 + 180 + 200 + 202 + 212$	$844 := 8^0 + 14^0 + 20^2 + 21^0 + 21^2 = 80 + 140 + 202 + 210 + 212$
$844 := 5^0 + 19^0 + 19^0 + 20^2 + 21^2 = 50 + 190 + 190 + 202 + 212$	$844 := 8^0 + 15^0 + 20^0 + 20^2 + 21^2 = 80 + 150 + 200 + 202 + 212$
$844 := 6^0 + 10^0 + 20^2 + 21^2 + 27^0 = 60 + 100 + 202 + 212 + 270$	$844 := 8^0 + 16^0 + 19^0 + 20^2 + 21^2 = 80 + 160 + 190 + 202 + 212$
$844 := 6^0 + 11^0 + 20^2 + 21^2 + 26^0 = 60 + 110 + 202 + 212 + 260$	$844 := 8^0 + 17^0 + 18^0 + 20^2 + 21^2 = 80 + 170 + 180 + 202 + 212$
$844 := 6^0 + 12^0 + 20^2 + 21^2 + 25^0 = 60 + 120 + 202 + 212 + 250$	$844 := 8^0 + 8^0 + 20^2 + 21^2 + 27^0 = 80 + 80 + 202 + 212 + 270$
$844 := 6^0 + 13^0 + 20^2 + 21^2 + 24^0 = 60 + 130 + 202 + 212 + 240$	$844 := 8^0 + 9^0 + 20^2 + 21^2 + 26^0 = 80 + 90 + 202 + 212 + 260$
$844 := 6^0 + 14^0 + 20^2 + 21^2 + 23^0 = 60 + 140 + 202 + 212 + 230$	$844 := 9^0 + 10^0 + 20^2 + 21^2 + 24^0 = 90 + 100 + 202 + 212 + 240$
$844 := 6^0 + 15^0 + 20^2 + 21^2 + 22^0 = 60 + 150 + 202 + 212 + 220$	$844 := 9^0 + 11^0 + 20^2 + 21^2 + 23^0 = 90 + 110 + 202 + 212 + 230$
$844 := 6^0 + 16^0 + 20^2 + 21^0 + 21^2 = 60 + 160 + 202 + 210 + 212$	$844 := 9^0 + 12^0 + 20^2 + 21^2 + 22^0 = 90 + 120 + 202 + 212 + 220$
$844 := 6^0 + 17^0 + 20^0 + 20^2 + 21^2 = 60 + 170 + 200 + 202 + 212$	$844 := 9^0 + 13^0 + 20^2 + 21^0 + 21^2 = 90 + 130 + 202 + 210 + 212$
$844 := 6^0 + 18^0 + 19^0 + 20^2 + 21^2 = 60 + 180 + 190 + 202 + 212$	$844 := 9^0 + 14^0 + 20^0 + 20^2 + 21^2 = 90 + 140 + 200 + 202 + 212$
$844 := 7^0 + 10^0 + 20^2 + 21^2 + 26^0 = 70 + 100 + 202 + 212 + 260$	$844 := 9^0 + 15^0 + 19^0 + 20^2 + 21^2 = 90 + 150 + 190 + 202 + 212$
$844 := 7^0 + 11^0 + 20^2 + 21^2 + 25^0 = 70 + 110 + 202 + 212 + 250$	$844 := 9^0 + 16^0 + 18^0 + 20^2 + 21^2 = 90 + 160 + 180 + 202 + 212$
$844 := 7^0 + 12^0 + 20^2 + 21^2 + 24^0 = 70 + 120 + 202 + 212 + 240$	$844 := 9^0 + 17^0 + 17^0 + 20^2 + 21^2 = 90 + 170 + 170 + 202 + 212$
$844 := 7^0 + 13^0 + 20^2 + 21^2 + 23^0 = 70 + 130 + 202 + 212 + 230$	$844 := 9^0 + 9^0 + 20^2 + 21^2 + 25^0 = 90 + 90 + 202 + 212 + 250$
$844 := 7^0 + 14^0 + 20^2 + 21^2 + 22^0 = 70 + 140 + 202 + 212 + 220$	

2.2.746 Number 845

$845 := 1^1 + 2^9 + 4^4 + 76^1 = 11 + 29 + 44 + 761$	$845 := 17^2 + 18^0 + 23^2 + 26^1 = 172 + 180 + 232 + 261$
$845 := 1^2 + 2^1 + 29^2 + 52^0 = 12 + 21 + 292 + 520$	$845 := 2^0 + 15^2 + 24^2 + 43^1 = 20 + 152 + 242 + 431$
$845 := 1^9 + 2^3 + 28^2 + 52^1 = 19 + 23 + 282 + 521$	$845 := 2^0 + 19^2 + 21^2 + 42^1 = 20 + 192 + 212 + 421$
$845 := 1^9 + 4^3 + 27^2 + 51^1 = 19 + 43 + 272 + 511$	$845 := 2^0 + 3^2 + 28^2 + 51^1 = 20 + 32 + 282 + 511$
$845 := 1^9 + 6^3 + 24^2 + 52^1 = 19 + 63 + 242 + 521$	$845 := 2^1 + 2^9 + 4^4 + 75^1 = 21 + 29 + 44 + 751$
$845 := 1^9 + 7^2 + 9^3 + 66^1 = 19 + 72 + 93 + 661$	$845 := 2^3 + 2^5 + 3^6 + 76^1 = 23 + 25 + 36 + 761$
$845 := 10^2 + 15^1 + 27^2 + 32^0 = 102 + 151 + 272 + 320$	$845 := 2^9 + 3^1 + 4^4 + 74^1 = 29 + 31 + 44 + 741$
$845 := 12^1 + 16^2 + 24^2 + 32^0 = 121 + 162 + 242 + 320$	$845 := 2^9 + 4^1 + 4^4 + 73^1 = 29 + 41 + 44 + 731$
$845 := 12^2 + 22^0 + 24^1 + 26^2 = 122 + 220 + 241 + 262$	$845 := 2^9 + 4^4 + 10^1 + 67^1 = 29 + 44 + 101 + 671$
$845 := 14^2 + 22^0 + 23^1 + 25^2 = 142 + 220 + 231 + 252$	$845 := 2^9 + 4^4 + 11^1 + 66^1 = 29 + 44 + 111 + 661$

$845 := 2^9 + 4^4 + 12^1 + 65^1$	$= 29 + 44 + 121 + 651$	$845 := 7^2 + 11^1 + 28^2 + 38^0$	$= 72 + 111 + 282 + 380$
$845 := 2^9 + 4^4 + 13^1 + 64^1$	$= 29 + 44 + 131 + 641$	$845 := 8^0 + 18^2 + 22^2 + 36^1$	$= 80 + 182 + 222 + 361$
$845 := 2^9 + 4^4 + 14^1 + 63^1$	$= 29 + 44 + 141 + 631$	$845 := 9^2 + 14^0 + 27^2 + 34^1$	$= 92 + 140 + 272 + 341$
$845 := 2^9 + 4^4 + 15^1 + 62^1$	$= 29 + 44 + 151 + 621$	$845 := 1^0 + 12^2 + 22^0 + 23^1 + 26^2$	$= 10 + 122 + 220 + 231 + 262$
$845 := 2^9 + 4^4 + 16^1 + 61^1$	$= 29 + 44 + 161 + 611$	$845 := 1^0 + 14^2 + 22^0 + 22^1 + 25^2$	$= 10 + 142 + 220 + 221 + 252$
$845 := 2^9 + 4^4 + 17^1 + 60^1$	$= 29 + 44 + 171 + 601$	$845 := 1^0 + 17^2 + 18^0 + 23^2 + 25^1$	$= 10 + 172 + 180 + 232 + 251$
$845 := 2^9 + 4^4 + 18^1 + 59^1$	$= 29 + 44 + 181 + 591$	$845 := 1^8 + 4^3 + 24^1 + 27^1 + 27^2$	$= 18 + 43 + 241 + 271 + 272$
$845 := 2^9 + 4^4 + 19^1 + 58^1$	$= 29 + 44 + 191 + 581$	$845 := 1^8 + 4^3 + 25^1 + 26^1 + 27^2$	$= 18 + 43 + 251 + 261 + 272$
$845 := 2^9 + 4^4 + 20^1 + 57^1$	$= 29 + 44 + 201 + 571$	$845 := 1^8 + 6^3 + 24^2 + 25^1 + 27^1$	$= 18 + 63 + 242 + 251 + 271$
$845 := 2^9 + 4^4 + 21^1 + 56^1$	$= 29 + 44 + 211 + 561$	$845 := 1^8 + 6^3 + 24^2 + 26^1 + 26^1$	$= 18 + 63 + 242 + 261 + 261$
$845 := 2^9 + 4^4 + 22^1 + 55^1$	$= 29 + 44 + 221 + 551$	$845 := 1^9 + 15^1 + 19^2 + 21^2 + 27^1$	$= 19 + 151 + 192 + 212 + 271$
$845 := 2^9 + 4^4 + 23^1 + 54^1$	$= 29 + 44 + 231 + 541$	$845 := 1^9 + 15^2 + 16^1 + 24^2 + 27^1$	$= 19 + 152 + 161 + 242 + 271$
$845 := 2^9 + 4^4 + 24^1 + 53^1$	$= 29 + 44 + 241 + 531$	$845 := 1^9 + 15^2 + 17^1 + 24^2 + 26^1$	$= 19 + 152 + 171 + 242 + 261$
$845 := 2^9 + 4^4 + 25^1 + 52^1$	$= 29 + 44 + 251 + 521$	$845 := 1^9 + 15^2 + 18^1 + 24^2 + 25^1$	$= 19 + 152 + 181 + 242 + 251$
$845 := 2^9 + 4^4 + 26^1 + 51^1$	$= 29 + 44 + 261 + 511$	$845 := 1^9 + 15^2 + 19^1 + 24^1 + 24^2$	$= 19 + 152 + 191 + 241 + 242$
$845 := 2^9 + 4^4 + 27^1 + 50^1$	$= 29 + 44 + 271 + 501$	$845 := 1^9 + 15^2 + 20^1 + 23^1 + 24^2$	$= 19 + 152 + 201 + 231 + 242$
$845 := 2^9 + 4^4 + 28^1 + 49^1$	$= 29 + 44 + 281 + 491$	$845 := 1^9 + 15^2 + 21^1 + 22^1 + 24^2$	$= 19 + 152 + 211 + 221 + 242$
$845 := 2^9 + 4^4 + 29^1 + 48^1$	$= 29 + 44 + 291 + 481$	$845 := 1^9 + 16^1 + 19^2 + 21^2 + 26^1$	$= 19 + 161 + 192 + 212 + 261$
$845 := 2^9 + 4^4 + 30^1 + 47^1$	$= 29 + 44 + 301 + 471$	$845 := 1^9 + 17^1 + 19^2 + 21^2 + 25^1$	$= 19 + 171 + 192 + 212 + 251$
$845 := 2^9 + 4^4 + 31^1 + 46^1$	$= 29 + 44 + 311 + 461$	$845 := 1^9 + 18^1 + 19^2 + 21^2 + 24^1$	$= 19 + 181 + 192 + 212 + 241$
$845 := 2^9 + 4^4 + 32^1 + 45^1$	$= 29 + 44 + 321 + 451$	$845 := 1^9 + 19^1 + 19^2 + 21^2 + 23^1$	$= 19 + 191 + 192 + 212 + 231$
$845 := 2^9 + 4^4 + 33^1 + 44^1$	$= 29 + 44 + 331 + 441$	$845 := 1^9 + 19^2 + 20^1 + 21^2 + 22^1$	$= 19 + 192 + 201 + 212 + 221$
$845 := 2^9 + 4^4 + 34^1 + 43^1$	$= 29 + 44 + 341 + 431$	$845 := 1^9 + 19^2 + 21^1 + 21^1 + 21^2$	$= 19 + 192 + 211 + 211 + 212$
$845 := 2^9 + 4^4 + 35^1 + 42^1$	$= 29 + 44 + 351 + 421$	$845 := 10^0 + 10^2 + 14^1 + 23^0 + 27^2$	$= 100 + 102 + 141 + 230 + 272$
$845 := 2^9 + 4^4 + 36^1 + 41^1$	$= 29 + 44 + 361 + 411$	$845 := 10^0 + 11^1 + 16^2 + 23^0 + 24^2$	$= 100 + 111 + 162 + 230 + 242$
$845 := 2^9 + 4^4 + 37^1 + 40^1$	$= 29 + 44 + 371 + 401$	$845 := 10^0 + 12^2 + 13^0 + 23^1 + 26^2$	$= 100 + 122 + 130 + 231 + 262$
$845 := 2^9 + 4^4 + 38^1 + 39^1$	$= 29 + 44 + 381 + 391$	$845 := 10^0 + 13^0 + 14^2 + 22^1 + 25^2$	$= 100 + 130 + 142 + 221 + 252$
$845 := 2^9 + 4^4 + 5^1 + 72^1$	$= 29 + 44 + 51 + 721$	$845 := 10^2 + 11^0 + 14^1 + 22^0 + 27^2$	$= 102 + 110 + 141 + 220 + 272$
$845 := 2^9 + 4^4 + 6^1 + 71^1$	$= 29 + 44 + 61 + 711$	$845 := 10^2 + 12^0 + 14^1 + 21^0 + 27^2$	$= 102 + 120 + 141 + 210 + 272$
$845 := 2^9 + 4^4 + 7^1 + 70^1$	$= 29 + 44 + 71 + 701$	$845 := 10^2 + 13^0 + 14^1 + 20^0 + 27^2$	$= 102 + 130 + 141 + 200 + 272$
$845 := 2^9 + 4^4 + 8^1 + 69^1$	$= 29 + 44 + 81 + 691$	$845 := 10^2 + 14^0 + 14^1 + 19^0 + 27^2$	$= 102 + 140 + 141 + 190 + 272$
$845 := 2^9 + 4^4 + 9^1 + 68^1$	$= 29 + 44 + 91 + 681$	$845 := 10^2 + 14^1 + 15^0 + 18^0 + 27^2$	$= 102 + 141 + 150 + 180 + 272$
$845 := 2^9 + 5^3 + 12^2 + 64^1$	$= 29 + 53 + 122 + 641$	$845 := 10^2 + 14^1 + 16^0 + 17^0 + 27^2$	$= 102 + 141 + 160 + 170 + 272$
$845 := 2^9 + 6^3 + 7^2 + 68^1$	$= 29 + 63 + 72 + 681$	$845 := 11^0 + 11^1 + 16^2 + 22^0 + 24^2$	$= 110 + 111 + 162 + 220 + 242$
$845 := 3^1 + 20^2 + 21^2 + 40^0$	$= 31 + 202 + 212 + 400$	$845 := 11^0 + 12^0 + 12^2 + 23^1 + 26^2$	$= 110 + 120 + 122 + 231 + 262$
$845 := 4^2 + 8^0 + 28^2 + 44^1$	$= 42 + 80 + 282 + 441$	$845 := 11^0 + 12^0 + 14^2 + 22^1 + 25^2$	$= 110 + 120 + 142 + 221 + 252$
$845 := 5^2 + 16^0 + 28^2 + 35^1$	$= 52 + 160 + 282 + 351$	$845 := 11^1 + 12^0 + 16^2 + 21^0 + 24^2$	$= 111 + 120 + 162 + 210 + 242$
$845 := 6^2 + 24^1 + 26^0 + 28^2$	$= 62 + 241 + 260 + 282$	$845 := 11^1 + 13^0 + 16^2 + 20^0 + 24^2$	$= 111 + 130 + 162 + 200 + 242$

$845 := 11^1 + 14^0 + 16^2 + 19^0 + 24^2 = 111 + 140 + 162 + 190 + 242$	$845 := 6^0 + 10^2 + 14^1 + 27^0 + 27^2 = 60 + 102 + 141 + 270 + 272$
$845 := 11^1 + 15^0 + 16^2 + 18^0 + 24^2 = 111 + 150 + 162 + 180 + 242$	$845 := 6^0 + 11^1 + 16^2 + 24^2 + 27^0 = 60 + 111 + 162 + 242 + 270$
$845 := 11^1 + 16^0 + 16^2 + 17^0 + 24^2 = 111 + 160 + 162 + 170 + 242$	$845 := 6^0 + 12^2 + 17^0 + 23^1 + 26^2 = 60 + 122 + 170 + 231 + 262$
$845 := 2^0 + 12^2 + 21^0 + 23^1 + 26^2 = 20 + 122 + 210 + 231 + 262$	$845 := 6^0 + 13^0 + 17^2 + 23^2 + 25^1 = 60 + 130 + 172 + 232 + 251$
$845 := 2^0 + 14^2 + 21^0 + 22^1 + 25^2 = 20 + 142 + 210 + 221 + 252$	$845 := 6^0 + 14^2 + 17^0 + 22^1 + 25^2 = 60 + 142 + 170 + 221 + 252$
$845 := 2^0 + 17^0 + 17^2 + 23^2 + 25^1 = 20 + 170 + 172 + 232 + 251$	$845 := 7^0 + 10^2 + 14^1 + 26^0 + 27^2 = 70 + 102 + 141 + 260 + 272$
$845 := 2^1 + 14^0 + 20^2 + 21^2 + 27^0 = 21 + 140 + 202 + 212 + 270$	$845 := 7^0 + 11^1 + 16^2 + 24^2 + 26^0 = 70 + 111 + 162 + 242 + 260$
$845 := 2^1 + 15^0 + 20^2 + 21^2 + 26^0 = 21 + 150 + 202 + 212 + 260$	$845 := 7^0 + 12^0 + 17^2 + 23^2 + 25^1 = 70 + 120 + 172 + 232 + 251$
$845 := 2^1 + 16^0 + 20^2 + 21^2 + 25^0 = 21 + 160 + 202 + 212 + 250$	$845 := 7^0 + 12^2 + 16^0 + 23^1 + 26^2 = 70 + 122 + 160 + 231 + 262$
$845 := 2^1 + 17^0 + 20^2 + 21^2 + 24^0 = 21 + 170 + 202 + 212 + 240$	$845 := 7^0 + 14^2 + 16^0 + 22^1 + 25^2 = 70 + 142 + 160 + 221 + 252$
$845 := 2^1 + 18^0 + 20^2 + 21^2 + 23^0 = 21 + 180 + 202 + 212 + 230$	$845 := 8^0 + 10^2 + 14^1 + 25^0 + 27^2 = 80 + 102 + 141 + 250 + 272$
$845 := 2^1 + 19^0 + 20^2 + 21^2 + 22^0 = 21 + 190 + 202 + 212 + 220$	$845 := 8^0 + 11^0 + 17^2 + 23^2 + 25^1 = 80 + 110 + 172 + 232 + 251$
$845 := 2^1 + 20^0 + 20^2 + 21^0 + 21^2 = 21 + 200 + 202 + 210 + 212$	$845 := 8^0 + 11^1 + 16^2 + 24^2 + 25^0 = 80 + 111 + 162 + 242 + 250$
$845 := 3^0 + 12^2 + 20^0 + 23^1 + 26^2 = 30 + 122 + 200 + 231 + 262$	$845 := 8^0 + 12^2 + 15^0 + 23^1 + 26^2 = 80 + 122 + 150 + 231 + 262$
$845 := 3^0 + 14^2 + 20^0 + 22^1 + 25^2 = 30 + 142 + 200 + 221 + 252$	$845 := 8^0 + 14^2 + 15^0 + 22^1 + 25^2 = 80 + 142 + 150 + 221 + 252$
$845 := 3^0 + 16^0 + 17^2 + 23^2 + 25^1 = 30 + 160 + 172 + 232 + 251$	$845 := 9^0 + 10^0 + 17^2 + 23^2 + 25^1 = 90 + 100 + 172 + 232 + 251$
$845 := 4^0 + 12^2 + 19^0 + 23^1 + 26^2 = 40 + 122 + 190 + 231 + 262$	$845 := 9^0 + 10^2 + 14^1 + 24^0 + 27^2 = 90 + 102 + 141 + 240 + 272$
$845 := 4^0 + 14^2 + 19^0 + 22^1 + 25^2 = 40 + 142 + 190 + 221 + 252$	$845 := 9^0 + 11^1 + 16^2 + 24^0 + 24^2 = 90 + 111 + 162 + 240 + 242$
$845 := 4^0 + 15^0 + 17^2 + 23^2 + 25^1 = 40 + 150 + 172 + 232 + 251$	$845 := 9^0 + 12^2 + 14^0 + 23^1 + 26^2 = 90 + 122 + 140 + 231 + 262$
$845 := 5^0 + 12^2 + 18^0 + 23^1 + 26^2 = 50 + 122 + 180 + 231 + 262$	$845 := 9^0 + 14^0 + 14^2 + 22^1 + 25^2 = 90 + 140 + 142 + 221 + 252$
$845 := 5^0 + 14^0 + 17^2 + 23^2 + 25^1 = 50 + 140 + 172 + 232 + 251$	
$845 := 5^0 + 14^2 + 18^0 + 22^1 + 25^2 = 50 + 142 + 180 + 221 + 252$	

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$846 := 2^3 + 28^2 + 54^1 = 23 + 282 + 541$	$846 := 10^1 + 19^2 + 21^2 + 34^1 = 101 + 192 + 212 + 341$
$846 := 4^3 + 27^2 + 53^1 = 43 + 272 + 531$	$846 := 10^2 + 13^2 + 24^2 + 37^0 = 102 + 132 + 242 + 370$
$846 := 6^3 + 24^2 + 54^1 = 63 + 242 + 541$	$846 := 11^1 + 15^2 + 24^2 + 34^1 = 111 + 152 + 242 + 341$
$846 := 7^2 + 9^3 + 68^1 = 72 + 93 + 681$	$846 := 11^1 + 19^2 + 21^2 + 33^1 = 111 + 192 + 212 + 331$
$846 := 1^0 + 2^3 + 28^2 + 53^1 = 10 + 23 + 282 + 531$	$846 := 11^2 + 18^2 + 20^2 + 35^0 = 112 + 182 + 202 + 350$
$846 := 1^0 + 4^3 + 27^2 + 52^1 = 10 + 43 + 272 + 521$	$846 := 12^1 + 15^2 + 24^2 + 33^1 = 121 + 152 + 242 + 331$
$846 := 1^0 + 6^3 + 24^2 + 53^1 = 10 + 63 + 242 + 531$	$846 := 12^1 + 19^2 + 21^2 + 32^1 = 121 + 192 + 212 + 321$
$846 := 1^0 + 7^2 + 9^3 + 67^1 = 10 + 72 + 93 + 671$	$846 := 13^1 + 15^2 + 24^2 + 32^1 = 131 + 152 + 242 + 321$
$846 := 1^1 + 15^2 + 24^2 + 44^1 = 11 + 152 + 242 + 441$	$846 := 13^1 + 19^2 + 21^2 + 31^1 = 131 + 192 + 212 + 311$
$846 := 1^1 + 19^2 + 21^2 + 43^1 = 11 + 192 + 212 + 431$	$846 := 14^1 + 15^2 + 24^2 + 31^1 = 141 + 152 + 242 + 311$
$846 := 1^1 + 3^2 + 28^2 + 52^1 = 11 + 32 + 282 + 521$	$846 := 14^1 + 19^2 + 21^2 + 30^1 = 141 + 192 + 212 + 301$
$846 := 1^3 + 3^1 + 29^2 + 51^0 = 13 + 31 + 292 + 510$	$846 := 15^1 + 15^2 + 24^2 + 30^1 = 151 + 152 + 242 + 301$
$846 := 1^8 + 2^8 + 2^9 + 77^1 = 18 + 28 + 29 + 771$	$846 := 15^1 + 19^2 + 21^2 + 29^1 = 151 + 192 + 212 + 291$
$846 := 10^1 + 15^2 + 24^2 + 35^1 = 101 + 152 + 242 + 351$	$846 := 15^2 + 16^1 + 24^2 + 29^1 = 152 + 161 + 242 + 291$

$846 := 15^2 + 17^1 + 24^2 + 28^1$	$= 152 + 171 + 242 + 281$	$846 := 3^2 + 4^1 + 28^2 + 49^1$	$= 32 + 41 + 282 + 491$
$846 := 15^2 + 18^1 + 24^2 + 27^1$	$= 152 + 181 + 242 + 271$	$846 := 3^2 + 5^1 + 28^2 + 48^1$	$= 32 + 51 + 282 + 481$
$846 := 15^2 + 19^1 + 24^2 + 26^1$	$= 152 + 191 + 242 + 261$	$846 := 3^2 + 6^1 + 28^2 + 47^1$	$= 32 + 61 + 282 + 471$
$846 := 15^2 + 20^1 + 24^2 + 25^1$	$= 152 + 201 + 242 + 251$	$846 := 3^2 + 7^1 + 28^2 + 46^1$	$= 32 + 71 + 282 + 461$
$846 := 15^2 + 21^1 + 24^1 + 24^2$	$= 152 + 211 + 241 + 242$	$846 := 3^2 + 8^1 + 28^2 + 45^1$	$= 32 + 81 + 282 + 451$
$846 := 15^2 + 22^1 + 23^1 + 24^2$	$= 152 + 221 + 231 + 242$	$846 := 3^2 + 9^1 + 28^2 + 44^1$	$= 32 + 91 + 282 + 441$
$846 := 16^1 + 19^2 + 21^2 + 28^1$	$= 161 + 192 + 212 + 281$	$846 := 3^3 + 19^0 + 28^2 + 34^1$	$= 33 + 190 + 282 + 341$
$846 := 17^1 + 19^2 + 21^2 + 27^1$	$= 171 + 192 + 212 + 271$	$846 := 4^1 + 15^2 + 24^2 + 41^1$	$= 41 + 152 + 242 + 411$
$846 := 18^1 + 19^2 + 21^2 + 26^1$	$= 181 + 192 + 212 + 261$	$846 := 4^1 + 19^2 + 21^2 + 40^1$	$= 41 + 192 + 212 + 401$
$846 := 19^1 + 19^2 + 21^2 + 25^1$	$= 191 + 192 + 212 + 251$	$846 := 4^1 + 6^3 + 25^2 + 49^0$	$= 41 + 63 + 252 + 490$
$846 := 19^2 + 20^1 + 21^2 + 24^1$	$= 192 + 201 + 212 + 241$	$846 := 4^2 + 10^2 + 27^2 + 43^0$	$= 42 + 102 + 272 + 430$
$846 := 19^2 + 21^1 + 21^2 + 23^1$	$= 192 + 211 + 212 + 231$	$846 := 4^3 + 27^2 + 53^1$	$= 43 + 272 + 531$
$846 := 19^2 + 21^2 + 22^1 + 22^1$	$= 192 + 212 + 221 + 221$	$846 := 5^1 + 15^2 + 24^2 + 40^1$	$= 51 + 152 + 242 + 401$
$846 := 2^1 + 15^2 + 24^2 + 43^1$	$= 21 + 152 + 242 + 431$	$846 := 5^1 + 19^2 + 21^2 + 39^1$	$= 51 + 192 + 212 + 391$
$846 := 2^1 + 19^2 + 21^2 + 42^1$	$= 21 + 192 + 212 + 421$	$846 := 5^2 + 12^2 + 26^2 + 41^0$	$= 52 + 122 + 262 + 410$
$846 := 2^1 + 3^2 + 28^2 + 51^1$	$= 21 + 32 + 282 + 511$	$846 := 5^2 + 6^2 + 28^2 + 45^0$	$= 52 + 62 + 282 + 450$
$846 := 2^2 + 20^2 + 21^2 + 41^0$	$= 22 + 202 + 212 + 410$	$846 := 5^3 + 9^0 + 26^2 + 44^1$	$= 53 + 90 + 262 + 441$
$846 := 2^3 + 28^2 + 54^1$	$= 23 + 282 + 541$	$846 := 6^1 + 15^2 + 24^2 + 39^1$	$= 61 + 152 + 242 + 391$
$846 := 3^1 + 15^2 + 24^2 + 42^1$	$= 31 + 152 + 242 + 421$	$846 := 6^1 + 19^2 + 21^2 + 38^1$	$= 61 + 192 + 212 + 381$
$846 := 3^1 + 19^2 + 21^2 + 41^1$	$= 31 + 192 + 212 + 411$	$846 := 6^3 + 24^2 + 54^1$	$= 63 + 242 + 541$
$846 := 3^1 + 3^2 + 28^2 + 50^1$	$= 31 + 32 + 282 + 501$	$846 := 7^1 + 15^2 + 24^2 + 38^1$	$= 71 + 152 + 242 + 381$
$846 := 3^2 + 10^1 + 28^2 + 43^1$	$= 32 + 101 + 282 + 431$	$846 := 7^1 + 19^2 + 21^2 + 37^1$	$= 71 + 192 + 212 + 371$
$846 := 3^2 + 11^1 + 28^2 + 42^1$	$= 32 + 111 + 282 + 421$	$846 := 7^2 + 9^3 + 68^1$	$= 72 + 93 + 681$
$846 := 3^2 + 12^1 + 28^2 + 41^1$	$= 32 + 121 + 282 + 411$	$846 := 7^3 + 18^1 + 22^2 + 37^0$	$= 73 + 181 + 222 + 370$
$846 := 3^2 + 13^1 + 28^2 + 40^1$	$= 32 + 131 + 282 + 401$	$846 := 8^1 + 15^2 + 24^2 + 37^1$	$= 81 + 152 + 242 + 371$
$846 := 3^2 + 14^1 + 28^2 + 39^1$	$= 32 + 141 + 282 + 391$	$846 := 8^1 + 19^2 + 21^2 + 36^1$	$= 81 + 192 + 212 + 361$
$846 := 3^2 + 15^1 + 28^2 + 38^1$	$= 32 + 151 + 282 + 381$	$846 := 8^2 + 9^3 + 15^0 + 52^1$	$= 82 + 93 + 150 + 521$
$846 := 3^2 + 16^1 + 28^2 + 37^1$	$= 32 + 161 + 282 + 371$	$846 := 8^3 + 15^0 + 17^2 + 44^1$	$= 83 + 150 + 172 + 441$
$846 := 3^2 + 17^1 + 28^2 + 36^1$	$= 32 + 171 + 282 + 361$	$846 := 8^3 + 9^1 + 18^2 + 49^0$	$= 83 + 91 + 182 + 490$
$846 := 3^2 + 18^1 + 28^2 + 35^1$	$= 32 + 181 + 282 + 351$	$846 := 9^1 + 15^2 + 24^2 + 36^1$	$= 91 + 152 + 242 + 361$
$846 := 3^2 + 19^1 + 28^2 + 34^1$	$= 32 + 191 + 282 + 341$	$846 := 9^1 + 19^2 + 21^2 + 35^1$	$= 91 + 192 + 212 + 351$
$846 := 3^2 + 20^1 + 28^2 + 33^1$	$= 32 + 201 + 282 + 331$	$846 := 9^2 + 9^3 + 31^0 + 35^1$	$= 92 + 93 + 310 + 351$
$846 := 3^2 + 21^1 + 28^2 + 32^1$	$= 32 + 211 + 282 + 321$	$846 := 9^3 + 10^2 + 16^1 + 49^0$	$= 93 + 102 + 161 + 490$
$846 := 3^2 + 22^1 + 28^2 + 31^1$	$= 32 + 221 + 282 + 311$	$846 := 1^0 + 15^2 + 17^1 + 24^2 + 27^1$	$= 10 + 152 + 171 + 242 + 271$
$846 := 3^2 + 23^1 + 28^2 + 30^1$	$= 32 + 231 + 282 + 301$	$846 := 1^0 + 15^2 + 18^1 + 24^2 + 26^1$	$= 10 + 152 + 181 + 242 + 261$
$846 := 3^2 + 24^1 + 28^2 + 29^1$	$= 32 + 241 + 282 + 291$	$846 := 1^0 + 15^2 + 19^1 + 24^2 + 25^1$	$= 10 + 152 + 191 + 242 + 251$
$846 := 3^2 + 25^1 + 28^1 + 28^2$	$= 32 + 251 + 281 + 282$	$846 := 1^0 + 15^2 + 20^1 + 24^1 + 24^2$	$= 10 + 152 + 201 + 241 + 242$
$846 := 3^2 + 26^1 + 27^1 + 28^2$	$= 32 + 261 + 271 + 282$	$846 := 1^0 + 15^2 + 21^1 + 23^1 + 24^2$	$= 10 + 152 + 211 + 231 + 242$

$$\begin{aligned} 846 &:= 1^0 + 15^2 + 22^1 + 22^1 + 24^2 = 10 + 152 + 221 + 221 + 242 & 846 &:= 4^1 + 14^2 + 20^1 + 21^0 + 25^2 = 41 + 142 + 201 + 210 + 252 \\ 846 &:= 1^0 + 16^1 + 19^2 + 21^2 + 27^1 = 10 + 161 + 192 + 212 + 271 & 846 &:= 4^1 + 17^0 + 17^2 + 23^1 + 23^2 = 41 + 170 + 172 + 231 + 232 \\ 846 &:= 1^0 + 17^1 + 19^2 + 21^2 + 26^1 = 10 + 171 + 192 + 212 + 261 & 846 &:= 5^1 + 12^2 + 20^1 + 21^0 + 26^2 = 51 + 122 + 201 + 210 + 262 \\ 846 &:= 1^0 + 18^1 + 19^2 + 21^2 + 25^1 = 10 + 181 + 192 + 212 + 251 & 846 &:= 5^1 + 14^2 + 19^1 + 21^0 + 25^2 = 51 + 142 + 191 + 210 + 252 \\ 846 &:= 1^0 + 19^1 + 19^2 + 21^2 + 24^1 = 10 + 191 + 192 + 212 + 241 & 846 &:= 5^1 + 17^0 + 17^2 + 22^1 + 23^2 = 51 + 170 + 172 + 221 + 232 \\ 846 &:= 1^0 + 19^2 + 20^1 + 21^2 + 23^1 = 10 + 192 + 201 + 212 + 231 & 846 &:= 6^1 + 12^2 + 19^1 + 21^0 + 26^2 = 61 + 122 + 191 + 210 + 262 \\ 846 &:= 1^0 + 19^2 + 21^1 + 21^2 + 22^1 = 10 + 192 + 211 + 212 + 221 & 846 &:= 6^1 + 14^2 + 18^1 + 21^0 + 25^2 = 61 + 142 + 181 + 210 + 252 \\ 846 &:= 1^1 + 12^2 + 21^0 + 24^1 + 26^2 = 11 + 122 + 210 + 241 + 262 & 846 &:= 6^1 + 17^0 + 17^2 + 21^1 + 23^2 = 61 + 170 + 172 + 211 + 232 \\ 846 &:= 1^1 + 14^2 + 21^0 + 23^1 + 25^2 = 11 + 142 + 210 + 231 + 252 & 846 &:= 6^2 + 11^0 + 18^2 + 22^2 + 27^0 = 62 + 110 + 182 + 222 + 270 \\ 846 &:= 1^1 + 17^0 + 17^2 + 23^2 + 26^1 = 11 + 170 + 172 + 232 + 261 & 846 &:= 6^2 + 12^0 + 18^2 + 22^2 + 26^0 = 62 + 120 + 182 + 222 + 260 \\ 846 &:= 10^0 + 14^2 + 18^2 + 18^2 + 24^0 = 100 + 142 + 182 + 182 + 240 & 846 &:= 6^2 + 13^0 + 18^2 + 22^2 + 25^0 = 62 + 130 + 182 + 222 + 250 \\ 846 &:= 10^1 + 12^2 + 15^1 + 21^0 + 26^2 = 101 + 122 + 151 + 210 + 262 & 846 &:= 6^2 + 14^0 + 18^2 + 22^2 + 24^0 = 62 + 140 + 182 + 222 + 240 \\ 846 &:= 10^1 + 14^1 + 14^2 + 21^0 + 25^2 = 101 + 141 + 142 + 210 + 252 & 846 &:= 6^2 + 15^0 + 18^2 + 22^2 + 23^0 = 62 + 150 + 182 + 222 + 230 \\ 846 &:= 10^1 + 17^0 + 17^1 + 17^2 + 23^2 = 101 + 170 + 171 + 172 + 232 & 846 &:= 6^2 + 16^0 + 18^2 + 22^0 + 22^2 = 62 + 160 + 182 + 220 + 222 \\ 846 &:= 11^0 + 14^2 + 18^2 + 18^2 + 23^0 = 110 + 142 + 182 + 182 + 230 & 846 &:= 6^2 + 17^0 + 18^2 + 21^0 + 22^2 = 62 + 170 + 182 + 210 + 222 \\ 846 &:= 11^1 + 12^2 + 14^1 + 21^0 + 26^2 = 111 + 122 + 141 + 210 + 262 & 846 &:= 6^2 + 18^0 + 18^2 + 20^0 + 22^2 = 62 + 180 + 182 + 200 + 222 \\ 846 &:= 11^1 + 13^1 + 14^2 + 21^0 + 25^2 = 111 + 131 + 142 + 210 + 252 & 846 &:= 6^2 + 18^2 + 19^0 + 19^0 + 22^2 = 62 + 182 + 190 + 190 + 222 \\ 846 &:= 11^1 + 16^1 + 17^0 + 17^2 + 23^2 = 111 + 161 + 170 + 172 + 232 & 846 &:= 7^0 + 10^1 + 18^2 + 22^2 + 27^1 = 70 + 101 + 182 + 222 + 271 \\ 846 &:= 12^0 + 14^2 + 18^2 + 18^2 + 22^0 = 120 + 142 + 182 + 182 + 220 & 846 &:= 7^0 + 11^1 + 18^2 + 22^2 + 26^1 = 70 + 111 + 182 + 222 + 261 \\ 846 &:= 12^1 + 12^1 + 14^2 + 21^0 + 25^2 = 121 + 121 + 142 + 210 + 252 & 846 &:= 7^0 + 12^1 + 18^2 + 22^2 + 25^1 = 70 + 121 + 182 + 222 + 251 \\ 846 &:= 12^1 + 12^2 + 13^1 + 21^0 + 26^2 = 121 + 122 + 131 + 210 + 262 & 846 &:= 7^0 + 13^1 + 18^2 + 22^2 + 24^1 = 70 + 131 + 182 + 222 + 241 \\ 846 &:= 12^1 + 15^1 + 17^0 + 17^2 + 23^2 = 121 + 151 + 170 + 172 + 232 & 846 &:= 7^0 + 14^1 + 18^2 + 22^2 + 23^1 = 70 + 141 + 182 + 222 + 231 \\ 846 &:= 13^0 + 14^2 + 18^2 + 18^2 + 21^0 = 130 + 142 + 182 + 182 + 210 & 846 &:= 7^0 + 14^2 + 18^2 + 18^2 + 27^0 = 70 + 142 + 182 + 182 + 270 \\ 846 &:= 13^1 + 14^1 + 17^0 + 17^2 + 23^2 = 131 + 141 + 170 + 172 + 232 & 846 &:= 7^0 + 15^1 + 18^2 + 22^1 + 22^2 = 70 + 151 + 182 + 221 + 222 \\ 846 &:= 14^0 + 14^2 + 18^2 + 18^2 + 20^0 = 140 + 142 + 182 + 182 + 200 & 846 &:= 7^0 + 16^1 + 18^2 + 21^1 + 22^2 = 70 + 161 + 182 + 211 + 222 \\ 846 &:= 14^2 + 15^0 + 18^2 + 18^2 + 19^0 = 142 + 150 + 182 + 182 + 190 & 846 &:= 7^0 + 17^1 + 18^2 + 20^1 + 22^2 = 70 + 171 + 182 + 201 + 222 \\ 846 &:= 14^2 + 16^0 + 18^0 + 18^2 + 18^2 = 142 + 160 + 180 + 182 + 182 & 846 &:= 7^0 + 18^1 + 18^2 + 19^1 + 22^2 = 70 + 181 + 182 + 191 + 222 \\ 846 &:= 14^2 + 17^0 + 17^0 + 18^2 + 18^2 = 142 + 170 + 170 + 182 + 182 & 846 &:= 7^1 + 12^2 + 18^1 + 21^0 + 26^2 = 71 + 122 + 181 + 210 + 262 \\ 846 &:= 2^1 + 12^2 + 21^0 + 23^1 + 26^2 = 21 + 122 + 210 + 231 + 262 & 846 &:= 7^1 + 14^2 + 17^1 + 21^0 + 25^2 = 71 + 142 + 171 + 210 + 252 \\ 846 &:= 2^1 + 14^2 + 21^0 + 22^1 + 25^2 = 21 + 142 + 210 + 221 + 252 & 846 &:= 7^1 + 17^0 + 17^2 + 20^1 + 23^2 = 71 + 170 + 172 + 201 + 232 \\ 846 &:= 2^1 + 17^0 + 17^2 + 23^2 + 25^1 = 21 + 170 + 172 + 232 + 251 & 846 &:= 7^3 + 11^0 + 17^1 + 22^2 + 27^0 = 73 + 110 + 171 + 222 + 270 \\ 846 &:= 3^1 + 12^2 + 21^0 + 22^1 + 26^2 = 31 + 122 + 210 + 221 + 262 & 846 &:= 7^3 + 12^0 + 17^1 + 22^2 + 26^0 = 73 + 120 + 171 + 222 + 260 \\ 846 &:= 3^1 + 14^2 + 21^0 + 21^1 + 25^2 = 31 + 142 + 210 + 211 + 252 & 846 &:= 7^3 + 13^0 + 17^1 + 22^2 + 25^0 = 73 + 130 + 171 + 222 + 250 \\ 846 &:= 3^1 + 17^0 + 17^2 + 23^2 + 24^1 = 31 + 170 + 172 + 232 + 241 & 846 &:= 7^3 + 14^0 + 17^1 + 22^2 + 24^0 = 73 + 140 + 171 + 222 + 240 \\ 846 &:= 3^1 + 6^3 + 23^0 + 25^2 + 27^0 = 31 + 63 + 230 + 252 + 270 & 846 &:= 7^3 + 15^0 + 17^1 + 22^2 + 23^0 = 73 + 150 + 171 + 222 + 230 \\ 846 &:= 3^1 + 6^3 + 24^0 + 25^2 + 26^0 = 31 + 63 + 240 + 252 + 260 & 846 &:= 7^3 + 16^0 + 17^1 + 22^0 + 22^2 = 73 + 160 + 171 + 220 + 222 \\ 846 &:= 3^1 + 6^3 + 25^0 + 25^0 + 25^2 = 31 + 63 + 250 + 250 + 252 & 846 &:= 7^3 + 17^0 + 17^1 + 21^0 + 22^2 = 73 + 170 + 171 + 210 + 222 \\ 846 &:= 4^1 + 12^2 + 21^0 + 21^1 + 26^2 = 41 + 122 + 210 + 211 + 262 & 846 &:= 7^3 + 17^1 + 18^0 + 20^0 + 22^2 = 73 + 171 + 180 + 200 + 222 \end{aligned}$$

$$\begin{aligned}
 846 &:= 7^3 + 17^1 + 19^0 + 19^0 + 22^2 = 73 + 171 + 190 + 190 + 222 \\
 846 &:= 8^0 + 14^2 + 18^2 + 18^2 + 26^0 = 80 + 142 + 182 + 182 + 260 \\
 846 &:= 8^1 + 12^2 + 17^1 + 21^0 + 26^2 = 81 + 122 + 171 + 210 + 262 \\
 846 &:= 8^1 + 14^2 + 16^1 + 21^0 + 25^2 = 81 + 142 + 161 + 210 + 252 \\
 846 &:= 8^1 + 17^0 + 17^2 + 19^1 + 23^2 = 81 + 170 + 172 + 191 + 232 \\
 846 &:= 8^1 + 8^3 + 18^2 + 23^0 + 27^0 = 81 + 83 + 182 + 230 + 270 \\
 846 &:= 8^1 + 8^3 + 18^2 + 24^0 + 26^0 = 81 + 83 + 182 + 240 + 260 \\
 846 &:= 8^1 + 8^3 + 18^2 + 25^0 + 25^0 = 81 + 83 + 182 + 250 + 250 \\
 846 &:= 8^1 + 9^2 + 13^0 + 27^1 + 27^2 = 81 + 92 + 130 + 271 + 272 \\
 846 &:= 9^0 + 14^2 + 18^2 + 18^2 + 25^0 = 90 + 142 + 182 + 182 + 250 \\
 846 &:= 9^1 + 12^2 + 16^1 + 21^0 + 26^2 = 91 + 122 + 161 + 210 + 262 \\
 846 &:= 9^1 + 14^2 + 15^1 + 21^0 + 25^2 = 91 + 142 + 151 + 210 + 252 \\
 846 &:= 9^1 + 17^0 + 17^2 + 18^1 + 23^2 = 91 + 170 + 172 + 181 + 232
 \end{aligned}$$

$$\begin{aligned}
 846 &:= 9^1 + 9^2 + 13^0 + 26^1 + 27^2 = 91 + 92 + 130 + 261 + 272 \\
 846 &:= 9^2 + 10^1 + 13^0 + 25^1 + 27^2 = 92 + 101 + 130 + 251 + 272 \\
 846 &:= 9^2 + 11^1 + 13^0 + 24^1 + 27^2 = 92 + 111 + 130 + 241 + 272 \\
 846 &:= 9^2 + 12^1 + 13^0 + 23^1 + 27^2 = 92 + 121 + 130 + 231 + 272 \\
 846 &:= 9^2 + 13^0 + 13^1 + 22^1 + 27^2 = 92 + 130 + 131 + 221 + 272 \\
 846 &:= 9^2 + 13^0 + 14^1 + 21^1 + 27^2 = 92 + 130 + 141 + 211 + 272 \\
 846 &:= 9^2 + 13^0 + 15^1 + 20^1 + 27^2 = 92 + 130 + 151 + 201 + 272 \\
 846 &:= 9^2 + 13^0 + 16^1 + 19^1 + 27^2 = 92 + 130 + 161 + 191 + 272 \\
 846 &:= 9^2 + 13^0 + 17^1 + 18^1 + 27^2 = 92 + 130 + 171 + 181 + 272 \\
 846 &:= 9^3 + 10^2 + 15^1 + 23^0 + 27^0 = 93 + 102 + 151 + 230 + 270 \\
 846 &:= 9^3 + 10^2 + 15^1 + 24^0 + 26^0 = 93 + 102 + 151 + 240 + 260 \\
 846 &:= 9^3 + 10^2 + 15^1 + 25^0 + 25^0 = 93 + 102 + 151 + 250 + 250
 \end{aligned}$$

2.2.748 Number 847

$$\begin{aligned}
 847 &:= 1^3 + 13^2 + 26^2 + 44^0 = 13 + 132 + 262 + 440 \\
 847 &:= 1^3 + 19^2 + 22^2 + 42^0 = 13 + 192 + 222 + 420 \\
 847 &:= 1^3 + 2^2 + 29^2 + 52^0 = 13 + 22 + 292 + 520 \\
 847 &:= 1^4 + 4^1 + 29^2 + 50^0 = 14 + 41 + 292 + 500 \\
 847 &:= 1^8 + 2^6 + 27^2 + 53^1 = 18 + 26 + 272 + 531 \\
 847 &:= 2^4 + 8^0 + 28^2 + 46^1 = 24 + 80 + 282 + 461 \\
 847 &:= 3^4 + 18^0 + 27^2 + 36^1 = 34 + 180 + 272 + 361 \\
 847 &:= 4^3 + 9^3 + 18^0 + 53^1 = 43 + 93 + 180 + 531 \\
 847 &:= 4^4 + 14^1 + 24^2 + 42^0 = 44 + 141 + 242 + 420 \\
 847 &:= 5^4 + 13^2 + 14^0 + 52^1 = 54 + 132 + 140 + 521 \\
 847 &:= 5^4 + 14^2 + 25^1 + 40^0 = 54 + 142 + 251 + 400 \\
 847 &:= 6^2 + 9^2 + 9^3 + 60^0 = 62 + 92 + 93 + 600 \\
 847 &:= 1^2 + 12^2 + 20^0 + 25^1 + 26^2 = 12 + 122 + 200 + 251 + 262 \\
 847 &:= 1^2 + 14^2 + 20^0 + 24^1 + 25^2 = 12 + 142 + 200 + 241 + 252 \\
 847 &:= 1^2 + 16^0 + 17^2 + 23^2 + 27^1 = 12 + 160 + 172 + 232 + 271 \\
 847 &:= 1^7 + 2^6 + 26^1 + 27^1 + 27^2 = 17 + 26 + 261 + 271 + 272 \\
 847 &:= 10^0 + 11^2 + 13^2 + 23^2 + 27^1 = 100 + 112 + 132 + 232 + 271 \\
 847 &:= 10^0 + 14^2 + 15^2 + 20^2 + 25^1 = 100 + 142 + 152 + 202 + 251 \\
 847 &:= 10^1 + 16^2 + 16^2 + 18^2 + 24^0 = 101 + 162 + 162 + 182 + 240 \\
 847 &:= 10^2 + 10^2 + 18^0 + 21^1 + 25^2 = 102 + 102 + 180 + 211 + 252 \\
 847 &:= 10^2 + 12^0 + 12^2 + 24^2 + 26^1 = 102 + 120 + 122 + 242 + 261 \\
 847 &:= 10^2 + 12^0 + 19^2 + 19^2 + 24^1 = 102 + 120 + 192 + 192 + 241
 \end{aligned}$$

$$\begin{aligned}
 847 &:= 10^2 + 14^0 + 18^2 + 20^2 + 22^1 = 102 + 140 + 182 + 202 + 221 \\
 847 &:= 10^2 + 14^2 + 16^0 + 21^1 + 23^2 = 102 + 142 + 160 + 211 + 232 \\
 847 &:= 10^2 + 16^1 + 17^2 + 20^0 + 21^2 = 102 + 161 + 172 + 200 + 212 \\
 847 &:= 11^1 + 13^2 + 15^2 + 21^2 + 24^0 = 111 + 132 + 152 + 212 + 240 \\
 847 &:= 11^2 + 15^2 + 16^1 + 20^0 + 22^2 = 112 + 152 + 161 + 200 + 222 \\
 847 &:= 12^0 + 13^2 + 13^2 + 22^2 + 24^1 = 120 + 132 + 132 + 222 + 241 \\
 847 &:= 12^1 + 16^2 + 17^2 + 17^2 + 22^0 = 121 + 162 + 172 + 172 + 220 \\
 847 &:= 12^2 + 13^1 + 17^2 + 20^2 + 22^0 = 122 + 131 + 172 + 202 + 220 \\
 847 &:= 12^2 + 14^0 + 14^2 + 22^1 + 22^2 = 122 + 140 + 142 + 221 + 222 \\
 847 &:= 12^2 + 17^1 + 18^0 + 18^2 + 19^2 = 122 + 171 + 180 + 182 + 192 \\
 847 &:= 13^1 + 14^2 + 14^2 + 21^2 + 22^0 = 131 + 142 + 142 + 212 + 220 \\
 847 &:= 13^2 + 14^0 + 16^2 + 20^2 + 21^1 = 132 + 140 + 162 + 202 + 211 \\
 847 &:= 2^2 + 12^2 + 22^0 + 22^1 + 26^2 = 22 + 122 + 220 + 221 + 262 \\
 847 &:= 2^2 + 14^2 + 21^1 + 22^0 + 25^2 = 22 + 142 + 211 + 220 + 252 \\
 847 &:= 2^2 + 17^2 + 18^0 + 23^2 + 24^1 = 22 + 172 + 180 + 232 + 241 \\
 847 &:= 2^2 + 6^3 + 24^0 + 25^2 + 27^0 = 22 + 63 + 240 + 252 + 270 \\
 847 &:= 2^2 + 6^3 + 25^0 + 25^2 + 26^0 = 22 + 63 + 250 + 252 + 260 \\
 847 &:= 3^2 + 12^2 + 17^1 + 26^0 + 26^2 = 32 + 122 + 171 + 260 + 262 \\
 847 &:= 3^2 + 14^2 + 16^1 + 25^2 + 26^0 = 32 + 142 + 161 + 252 + 260 \\
 847 &:= 3^2 + 17^2 + 19^1 + 22^0 + 23^2 = 32 + 172 + 191 + 220 + 232 \\
 847 &:= 3^2 + 9^2 + 18^0 + 27^1 + 27^2 = 32 + 92 + 180 + 271 + 272 \\
 847 &:= 3^3 + 14^0 + 17^2 + 23^2 + 27^0 = 33 + 140 + 172 + 232 + 270
 \end{aligned}$$

$$\begin{aligned} 847 &:= 3^3 + 15^0 + 17^2 + 23^2 + 26^0 = 33 + 150 + 172 + 232 + 260 & 847 &:= 5^4 + 14^2 + 17^0 + 24^0 + 24^1 = 54 + 142 + 170 + 240 + 241 \\ 847 &:= 3^3 + 16^0 + 17^2 + 23^2 + 25^0 = 33 + 160 + 172 + 232 + 250 & 847 &:= 5^4 + 14^2 + 18^0 + 23^0 + 24^1 = 54 + 142 + 180 + 230 + 241 \\ 847 &:= 3^3 + 17^0 + 17^2 + 23^2 + 24^0 = 33 + 170 + 172 + 232 + 240 & 847 &:= 5^4 + 14^2 + 19^0 + 22^0 + 24^1 = 54 + 142 + 190 + 220 + 241 \\ 847 &:= 3^3 + 17^2 + 18^0 + 23^0 + 23^2 = 33 + 172 + 180 + 230 + 232 & 847 &:= 5^4 + 14^2 + 20^0 + 21^0 + 24^1 = 54 + 142 + 200 + 210 + 241 \\ 847 &:= 3^3 + 17^2 + 19^0 + 22^0 + 23^2 = 33 + 172 + 190 + 220 + 232 & 847 &:= 6^2 + 13^2 + 16^1 + 24^0 + 25^2 = 62 + 132 + 161 + 240 + 252 \\ 847 &:= 3^3 + 17^2 + 20^0 + 21^0 + 23^2 = 33 + 172 + 200 + 210 + 232 & 847 &:= 6^2 + 14^0 + 16^2 + 23^2 + 25^1 = 62 + 140 + 162 + 232 + 251 \\ 847 &:= 4^2 + 18^0 + 18^2 + 22^1 + 22^2 = 42 + 180 + 182 + 221 + 222 & 847 &:= 6^2 + 8^2 + 17^1 + 26^0 + 27^2 = 62 + 82 + 171 + 260 + 272 \\ 847 &:= 4^2 + 9^2 + 20^1 + 24^0 + 27^2 = 42 + 92 + 201 + 240 + 272 & 847 &:= 6^3 + 10^2 + 18^0 + 23^2 + 27^0 = 63 + 102 + 180 + 232 + 270 \\ 847 &:= 4^4 + 13^1 + 16^0 + 24^2 + 27^0 = 44 + 131 + 160 + 242 + 270 & 847 &:= 6^3 + 10^2 + 19^0 + 23^2 + 26^0 = 63 + 102 + 190 + 232 + 260 \\ 847 &:= 4^4 + 13^1 + 17^0 + 24^2 + 26^0 = 44 + 131 + 170 + 242 + 260 & 847 &:= 6^3 + 10^2 + 20^0 + 23^2 + 25^0 = 63 + 102 + 200 + 232 + 250 \\ 847 &:= 4^4 + 13^1 + 18^0 + 24^2 + 25^0 = 44 + 131 + 180 + 242 + 250 & 847 &:= 6^3 + 10^2 + 21^0 + 23^2 + 24^0 = 63 + 102 + 210 + 232 + 240 \\ 847 &:= 4^4 + 13^1 + 19^0 + 24^0 + 24^2 = 44 + 131 + 190 + 240 + 242 & 847 &:= 6^3 + 10^2 + 22^0 + 23^0 + 23^2 = 63 + 102 + 220 + 230 + 232 \\ 847 &:= 4^4 + 13^1 + 20^0 + 23^0 + 24^2 = 44 + 131 + 200 + 230 + 242 & 847 &:= 7^2 + 10^2 + 20^0 + 21^1 + 26^2 = 72 + 102 + 200 + 211 + 262 \\ 847 &:= 4^4 + 13^1 + 21^0 + 22^0 + 24^2 = 44 + 131 + 210 + 220 + 242 & 847 &:= 7^2 + 12^1 + 16^2 + 23^2 + 26^0 = 72 + 121 + 162 + 232 + 260 \\ 847 &:= 5^2 + 11^2 + 18^0 + 24^1 + 26^2 = 52 + 112 + 180 + 241 + 262 & 847 &:= 7^2 + 14^0 + 14^2 + 24^2 + 25^1 = 72 + 140 + 142 + 242 + 251 \\ 847 &:= 5^2 + 13^1 + 18^2 + 22^2 + 26^0 = 52 + 131 + 182 + 222 + 260 & 847 &:= 7^2 + 14^0 + 17^2 + 22^2 + 24^1 = 72 + 140 + 172 + 222 + 241 \\ 847 &:= 5^2 + 13^2 + 14^0 + 25^2 + 27^1 = 52 + 132 + 140 + 252 + 271 & 847 &:= 7^2 + 7^2 + 19^1 + 24^0 + 27^2 = 72 + 72 + 191 + 240 + 272 \\ 847 &:= 5^2 + 15^2 + 20^0 + 20^1 + 24^2 = 52 + 152 + 200 + 201 + 242 & 847 &:= 8^0 + 13^2 + 17^2 + 19^2 + 27^1 = 80 + 132 + 172 + 192 + 271 \\ 847 &:= 5^2 + 18^0 + 20^2 + 20^2 + 21^1 = 52 + 180 + 202 + 202 + 211 & 847 &:= 8^1 + 15^2 + 17^2 + 18^2 + 26^0 = 81 + 152 + 172 + 182 + 260 \\ 847 &:= 5^2 + 19^1 + 19^2 + 20^0 + 21^2 = 52 + 191 + 192 + 200 + 212 & 847 &:= 8^2 + 12^2 + 13^1 + 25^2 + 26^0 = 82 + 122 + 131 + 252 + 260 \\ 847 &:= 5^3 + 12^2 + 16^0 + 24^2 + 27^0 = 53 + 122 + 160 + 242 + 270 & 847 &:= 8^2 + 16^0 + 19^2 + 20^2 + 21^1 = 82 + 160 + 192 + 202 + 211 \\ 847 &:= 5^3 + 12^2 + 17^0 + 24^2 + 26^0 = 53 + 122 + 170 + 242 + 260 & 847 &:= 8^2 + 17^1 + 18^2 + 20^0 + 21^2 = 82 + 171 + 182 + 200 + 212 \\ 847 &:= 5^3 + 12^2 + 18^0 + 24^2 + 25^0 = 53 + 122 + 180 + 242 + 250 & 847 &:= 8^2 + 9^2 + 16^0 + 25^1 + 26^2 = 82 + 92 + 160 + 251 + 262 \\ 847 &:= 5^3 + 12^2 + 19^0 + 24^0 + 24^2 = 53 + 122 + 190 + 240 + 242 & 847 &:= 8^2 + 9^3 + 14^0 + 26^1 + 27^1 = 82 + 93 + 140 + 261 + 271 \\ 847 &:= 5^3 + 12^2 + 20^0 + 23^0 + 24^2 = 53 + 122 + 200 + 230 + 242 & 847 &:= 8^3 + 14^0 + 17^2 + 18^1 + 27^1 = 83 + 140 + 172 + 181 + 271 \\ 847 &:= 5^3 + 12^2 + 21^0 + 22^0 + 24^2 = 53 + 122 + 210 + 220 + 242 & 847 &:= 8^3 + 14^0 + 17^2 + 19^1 + 26^1 = 83 + 140 + 172 + 191 + 261 \\ 847 &:= 5^3 + 8^0 + 18^1 + 26^2 + 27^1 = 53 + 80 + 181 + 262 + 271 & 847 &:= 8^3 + 14^0 + 17^2 + 20^1 + 25^1 = 83 + 140 + 172 + 201 + 251 \\ 847 &:= 5^3 + 8^0 + 19^1 + 26^1 + 26^2 = 53 + 80 + 191 + 261 + 262 & 847 &:= 8^3 + 14^0 + 17^2 + 21^1 + 24^1 = 83 + 140 + 172 + 211 + 241 \\ 847 &:= 5^3 + 8^0 + 20^1 + 25^1 + 26^2 = 53 + 80 + 201 + 251 + 262 & 847 &:= 8^3 + 14^0 + 17^2 + 22^1 + 23^1 = 83 + 140 + 172 + 221 + 231 \\ 847 &:= 5^3 + 8^0 + 21^1 + 24^1 + 26^2 = 53 + 80 + 211 + 241 + 262 & 847 &:= 9^2 + 11^1 + 15^2 + 23^2 + 26^0 = 92 + 111 + 152 + 232 + 260 \\ 847 &:= 5^3 + 8^0 + 22^1 + 23^1 + 26^2 = 53 + 80 + 221 + 231 + 262 & 847 &:= 9^2 + 11^2 + 19^1 + 20^0 + 25^2 = 92 + 112 + 191 + 200 + 252 \\ 847 &:= 5^4 + 14^0 + 14^2 + 24^1 + 27^0 = 54 + 140 + 142 + 241 + 270 & 847 &:= 9^2 + 12^0 + 16^2 + 22^2 + 25^1 = 92 + 120 + 162 + 222 + 251 \\ 847 &:= 5^4 + 14^2 + 15^0 + 24^1 + 26^0 = 54 + 142 + 150 + 241 + 260 & 847 &:= 9^2 + 13^2 + 18^0 + 20^1 + 24^2 = 92 + 132 + 180 + 201 + 242 \\ 847 &:= 5^4 + 14^2 + 16^0 + 24^1 + 25^0 = 54 + 142 + 160 + 241 + 250 \end{aligned}$$

2.2.749 Number 848

$848 := 1^5 + 5^1 + 29^2 + 49^0$	$= 15 + 51 + 292 + 490$	$848 := 14^2 + 16^2 + 17^1 + 18^1 + 19^2 = 142 + 162 + 171 + 181 + 192$
$848 := 2^2 + 2^3 + 28^2 + 52^1$	$= 22 + 23 + 282 + 521$	$848 := 2^2 + 15^1 + 19^2 + 21^2 + 27^1 = 22 + 151 + 192 + 212 + 271$
$848 := 2^2 + 4^3 + 27^2 + 51^1$	$= 22 + 43 + 272 + 511$	$848 := 2^2 + 15^2 + 16^1 + 24^2 + 27^1 = 22 + 152 + 161 + 242 + 271$
$848 := 2^2 + 6^3 + 24^2 + 52^1$	$= 22 + 63 + 242 + 521$	$848 := 2^2 + 15^2 + 17^1 + 24^2 + 26^1 = 22 + 152 + 171 + 242 + 261$
$848 := 2^2 + 7^2 + 9^3 + 66^1$	$= 22 + 72 + 93 + 661$	$848 := 2^2 + 15^2 + 18^1 + 24^2 + 25^1 = 22 + 152 + 181 + 242 + 251$
$848 := 2^3 + 8^2 + 27^2 + 47^1$	$= 23 + 82 + 272 + 471$	$848 := 2^2 + 15^2 + 19^1 + 24^1 + 24^2 = 22 + 152 + 191 + 241 + 242$
$848 := 2^5 + 23^0 + 28^2 + 31^1$	$= 25 + 230 + 282 + 311$	$848 := 2^2 + 15^2 + 20^1 + 23^1 + 24^2 = 22 + 152 + 201 + 231 + 242$
$848 := 3^3 + 10^2 + 26^2 + 45^1$	$= 33 + 102 + 262 + 451$	$848 := 2^2 + 15^2 + 21^1 + 22^1 + 24^2 = 22 + 152 + 211 + 221 + 242$
$848 := 3^4 + 9^3 + 35^0 + 37^1$	$= 34 + 93 + 350 + 371$	$848 := 2^2 + 16^1 + 19^2 + 21^2 + 26^1 = 22 + 161 + 192 + 212 + 261$
$848 := 3^5 + 24^2 + 28^1 + 29^0$	$= 35 + 242 + 281 + 290$	$848 := 2^2 + 17^1 + 19^2 + 21^2 + 25^1 = 22 + 171 + 192 + 212 + 251$
$848 := 5^2 + 8^3 + 16^2 + 55^1$	$= 52 + 83 + 162 + 551$	$848 := 2^2 + 18^1 + 19^2 + 21^2 + 24^1 = 22 + 181 + 192 + 212 + 241$
$848 := 5^3 + 14^2 + 22^2 + 43^1$	$= 53 + 142 + 222 + 431$	$848 := 2^2 + 19^1 + 19^2 + 21^2 + 23^1 = 22 + 191 + 192 + 212 + 231$
$848 := 5^4 + 6^1 + 6^3 + 67^0$	$= 54 + 61 + 63 + 670$	$848 := 2^2 + 19^2 + 20^1 + 21^2 + 22^1 = 22 + 192 + 201 + 212 + 221$
$848 := 7^3 + 13^2 + 17^2 + 47^1$	$= 73 + 132 + 172 + 471$	$848 := 2^2 + 19^2 + 21^1 + 21^1 + 21^2 = 22 + 192 + 211 + 211 + 212$
$848 := 1^3 + 12^2 + 19^0 + 26^1 + 26^2$	$= 13 + 122 + 190 + 261 + 262$	$848 := 2^3 + 12^2 + 19^1 + 25^0 + 26^2 = 23 + 122 + 191 + 250 + 262$
$848 := 1^3 + 14^2 + 19^0 + 25^1 + 25^2$	$= 13 + 142 + 190 + 251 + 252$	$848 := 2^3 + 14^2 + 18^1 + 25^0 + 25^2 = 23 + 142 + 181 + 250 + 252$
$848 := 1^4 + 13^2 + 17^0 + 26^2 + 27^0$	$= 14 + 132 + 170 + 262 + 270$	$848 := 2^3 + 17^2 + 21^0 + 21^1 + 23^2 = 23 + 172 + 210 + 211 + 232$
$848 := 1^4 + 13^2 + 18^0 + 26^0 + 26^2$	$= 14 + 132 + 180 + 260 + 262$	$848 := 3^0 + 3^5 + 24^2 + 27^0 + 27^1 = 30 + 35 + 242 + 270 + 271$
$848 := 1^4 + 13^2 + 19^0 + 25^0 + 26^2$	$= 14 + 132 + 190 + 250 + 262$	$848 := 3^2 + 8^2 + 19^1 + 27^1 + 27^2 = 32 + 82 + 191 + 271 + 272$
$848 := 1^4 + 13^2 + 20^0 + 24^0 + 26^2$	$= 14 + 132 + 200 + 240 + 262$	$848 := 3^2 + 8^2 + 20^1 + 26^1 + 27^2 = 32 + 82 + 201 + 261 + 272$
$848 := 1^4 + 13^2 + 21^0 + 23^0 + 26^2$	$= 14 + 132 + 210 + 230 + 262$	$848 := 3^2 + 8^2 + 21^1 + 25^1 + 27^2 = 32 + 82 + 211 + 251 + 272$
$848 := 1^4 + 13^2 + 22^0 + 22^0 + 26^2$	$= 14 + 132 + 220 + 220 + 262$	$848 := 3^2 + 8^2 + 22^1 + 24^1 + 27^2 = 32 + 82 + 221 + 241 + 272$
$848 := 1^4 + 15^0 + 19^2 + 22^2 + 27^0$	$= 14 + 150 + 192 + 222 + 270$	$848 := 3^2 + 8^2 + 23^1 + 23^1 + 27^2 = 32 + 82 + 231 + 231 + 272$
$848 := 1^4 + 16^0 + 19^2 + 22^2 + 26^0$	$= 14 + 160 + 192 + 222 + 260$	$848 := 3^3 + 11^2 + 21^0 + 23^1 + 26^2 = 33 + 112 + 210 + 231 + 262$
$848 := 1^4 + 17^0 + 19^2 + 22^2 + 25^0$	$= 14 + 170 + 192 + 222 + 250$	$848 := 3^3 + 13^2 + 17^0 + 25^2 + 26^1 = 33 + 132 + 170 + 252 + 261$
$848 := 1^4 + 18^0 + 19^2 + 22^2 + 24^0$	$= 14 + 180 + 192 + 222 + 240$	$848 := 3^3 + 15^2 + 19^1 + 23^0 + 24^2 = 33 + 152 + 191 + 230 + 242$
$848 := 1^4 + 19^0 + 19^2 + 22^2 + 23^0$	$= 14 + 190 + 192 + 222 + 230$	$848 := 3^3 + 18^1 + 19^2 + 21^2 + 23^0 = 33 + 181 + 192 + 212 + 230$
$848 := 1^4 + 19^2 + 20^0 + 22^0 + 22^2$	$= 14 + 192 + 200 + 220 + 222$	$848 := 3^3 + 20^1 + 20^2 + 20^2 + 21^0 = 33 + 201 + 202 + 202 + 210$
$848 := 1^4 + 19^2 + 21^0 + 21^0 + 22^2$	$= 14 + 192 + 210 + 210 + 222$	$848 := 3^3 + 8^2 + 19^0 + 27^1 + 27^2 = 33 + 82 + 190 + 271 + 272$
$848 := 10^1 + 14^2 + 16^2 + 19^2 + 25^1 = 101 + 142 + 162 + 192 + 251$		$848 := 3^4 + 10^1 + 17^0 + 27^1 + 27^2 = 34 + 101 + 170 + 271 + 272$
$848 := 10^2 + 13^2 + 17^2 + 17^2 + 27^0 = 102 + 132 + 172 + 172 + 270$		$848 := 3^4 + 11^1 + 17^0 + 26^1 + 27^2 = 34 + 111 + 170 + 261 + 272$
$848 := 11^1 + 14^2 + 16^2 + 19^2 + 24^1 = 111 + 142 + 162 + 192 + 241$		$848 := 3^4 + 12^1 + 17^0 + 25^1 + 27^2 = 34 + 121 + 170 + 251 + 272$
$848 := 11^2 + 13^2 + 14^2 + 19^2 + 27^0 = 112 + 132 + 142 + 192 + 270$		$848 := 3^4 + 13^1 + 17^0 + 24^1 + 27^2 = 34 + 131 + 170 + 241 + 272$
$848 := 12^1 + 14^2 + 16^2 + 19^2 + 23^1 = 121 + 142 + 162 + 192 + 231$		$848 := 3^4 + 14^1 + 17^0 + 23^1 + 27^2 = 34 + 141 + 170 + 231 + 272$
$848 := 13^1 + 14^2 + 16^2 + 19^2 + 22^1 = 131 + 142 + 162 + 192 + 221$		$848 := 3^4 + 15^0 + 18^2 + 21^2 + 27^0 = 34 + 150 + 182 + 212 + 270$
$848 := 14^1 + 14^2 + 16^2 + 19^2 + 21^1 = 141 + 142 + 162 + 192 + 211$		$848 := 3^4 + 15^1 + 17^0 + 22^1 + 27^2 = 34 + 151 + 170 + 221 + 272$
$848 := 14^2 + 15^1 + 16^2 + 19^2 + 20^1 = 142 + 151 + 162 + 192 + 201$		$848 := 3^4 + 16^0 + 18^2 + 21^2 + 26^0 = 34 + 160 + 182 + 212 + 260$
$848 := 14^2 + 16^1 + 16^2 + 19^1 + 19^2 = 142 + 161 + 162 + 191 + 192$		$848 := 3^4 + 16^1 + 17^0 + 21^1 + 27^2 = 34 + 161 + 170 + 211 + 272$

$$\begin{aligned} 848 &:= 3^4 + 17^0 + 17^1 + 20^1 + 27^2 = 34 + 170 + 171 + 201 + 272 & 848 &:= 6^2 + 13^1 + 14^2 + 24^2 + 27^1 = 62 + 131 + 142 + 242 + 271 \\ 848 &:= 3^4 + 17^0 + 18^1 + 19^1 + 27^2 = 34 + 170 + 181 + 191 + 272 & 848 &:= 6^2 + 13^1 + 17^2 + 22^2 + 26^1 = 62 + 131 + 172 + 222 + 261 \\ 848 &:= 3^4 + 17^0 + 18^2 + 21^2 + 25^0 = 34 + 170 + 182 + 212 + 250 & 848 &:= 6^2 + 14^1 + 14^2 + 24^2 + 26^1 = 62 + 141 + 142 + 242 + 261 \\ 848 &:= 3^4 + 18^0 + 18^2 + 21^2 + 24^0 = 34 + 180 + 182 + 212 + 240 & 848 &:= 6^2 + 14^1 + 17^2 + 22^2 + 25^1 = 62 + 141 + 172 + 222 + 251 \\ 848 &:= 3^4 + 18^2 + 19^0 + 21^2 + 23^0 = 34 + 182 + 190 + 212 + 230 & 848 &:= 6^2 + 14^2 + 15^1 + 24^2 + 25^1 = 62 + 142 + 151 + 242 + 251 \\ 848 &:= 3^4 + 18^2 + 20^0 + 21^2 + 22^0 = 34 + 182 + 200 + 212 + 220 & 848 &:= 6^2 + 14^2 + 16^1 + 24^1 + 24^2 = 62 + 142 + 161 + 241 + 242 \\ 848 &:= 3^4 + 18^2 + 21^0 + 21^0 + 21^2 = 34 + 182 + 210 + 210 + 212 & 848 &:= 6^2 + 14^2 + 17^1 + 23^1 + 24^2 = 62 + 142 + 171 + 231 + 242 \\ 848 &:= 3^4 + 6^2 + 21^0 + 27^0 + 27^2 = 34 + 62 + 210 + 270 + 272 & 848 &:= 6^2 + 14^2 + 18^1 + 22^1 + 24^2 = 62 + 142 + 181 + 221 + 242 \\ 848 &:= 3^4 + 6^2 + 22^0 + 26^0 + 27^2 = 34 + 62 + 220 + 260 + 272 & 848 &:= 6^2 + 14^2 + 19^1 + 21^1 + 24^2 = 62 + 142 + 191 + 211 + 242 \\ 848 &:= 3^4 + 6^2 + 23^0 + 25^0 + 27^2 = 34 + 62 + 230 + 250 + 272 & 848 &:= 6^2 + 14^2 + 20^1 + 20^1 + 24^2 = 62 + 142 + 201 + 201 + 242 \\ 848 &:= 3^4 + 6^2 + 24^0 + 24^0 + 27^2 = 34 + 62 + 240 + 240 + 272 & 848 &:= 6^2 + 15^1 + 17^2 + 22^2 + 24^1 = 62 + 151 + 172 + 222 + 241 \\ 848 &:= 3^5 + 10^0 + 20^0 + 24^2 + 27^1 = 35 + 100 + 200 + 242 + 271 & 848 &:= 6^2 + 16^1 + 17^2 + 22^2 + 23^1 = 62 + 161 + 172 + 222 + 231 \\ 848 &:= 3^5 + 11^0 + 19^0 + 24^2 + 27^1 = 35 + 110 + 190 + 242 + 271 & 848 &:= 6^2 + 17^1 + 17^2 + 22^1 + 22^2 = 62 + 171 + 172 + 221 + 222 \\ 848 &:= 3^5 + 12^0 + 18^0 + 24^2 + 27^1 = 35 + 120 + 180 + 242 + 271 & 848 &:= 6^2 + 17^2 + 18^1 + 21^1 + 22^2 = 62 + 172 + 181 + 211 + 222 \\ 848 &:= 3^5 + 13^0 + 17^0 + 24^2 + 27^1 = 35 + 130 + 170 + 242 + 271 & 848 &:= 6^2 + 17^2 + 19^1 + 20^1 + 22^2 = 62 + 172 + 191 + 201 + 222 \\ 848 &:= 3^5 + 14^0 + 16^0 + 24^2 + 27^1 = 35 + 140 + 160 + 242 + 271 & 848 &:= 6^2 + 7^3 + 21^2 + 23^0 + 27^1 = 62 + 73 + 212 + 230 + 271 \\ 848 &:= 3^5 + 15^0 + 15^0 + 24^2 + 27^1 = 35 + 150 + 150 + 242 + 271 & 848 &:= 6^3 + 11^2 + 19^0 + 22^2 + 26^1 = 63 + 112 + 190 + 222 + 261 \\ 848 &:= 3^5 + 4^0 + 24^2 + 26^0 + 27^1 = 35 + 40 + 242 + 260 + 271 & 848 &:= 6^3 + 13^2 + 21^1 + 21^2 + 23^0 = 63 + 132 + 211 + 212 + 230 \\ 848 &:= 3^5 + 5^0 + 24^2 + 25^0 + 27^1 = 35 + 50 + 242 + 250 + 271 & 848 &:= 6^3 + 17^2 + 18^1 + 18^2 + 25^0 = 63 + 172 + 181 + 182 + 250 \\ 848 &:= 3^5 + 6^0 + 24^0 + 24^2 + 27^1 = 35 + 60 + 240 + 242 + 271 & 848 &:= 6^3 + 9^2 + 21^1 + 23^2 + 25^0 = 63 + 92 + 211 + 232 + 250 \\ 848 &:= 3^5 + 7^0 + 23^0 + 24^2 + 27^1 = 35 + 70 + 230 + 242 + 271 & 848 &:= 7^2 + 11^1 + 19^2 + 20^2 + 27^1 = 72 + 111 + 192 + 202 + 271 \\ 848 &:= 3^5 + 8^0 + 22^0 + 24^2 + 27^1 = 35 + 80 + 220 + 242 + 271 & 848 &:= 7^2 + 12^1 + 19^2 + 20^2 + 26^1 = 72 + 121 + 192 + 202 + 261 \\ 848 &:= 3^5 + 9^0 + 21^0 + 24^2 + 27^1 = 35 + 90 + 210 + 242 + 271 & 848 &:= 7^2 + 13^1 + 19^2 + 20^2 + 25^1 = 72 + 131 + 192 + 202 + 251 \\ 848 &:= 4^3 + 18^1 + 18^2 + 21^2 + 23^0 = 43 + 181 + 182 + 212 + 230 & 848 &:= 7^2 + 14^1 + 19^2 + 20^2 + 24^1 = 72 + 141 + 192 + 202 + 241 \\ 848 &:= 4^3 + 19^0 + 19^2 + 20^2 + 22^1 = 43 + 190 + 192 + 202 + 221 & 848 &:= 7^2 + 15^1 + 19^2 + 20^2 + 23^1 = 72 + 151 + 192 + 202 + 231 \\ 848 &:= 4^3 + 9^2 + 19^0 + 26^1 + 26^2 = 43 + 92 + 190 + 261 + 262 & 848 &:= 7^2 + 16^1 + 19^2 + 20^2 + 22^1 = 72 + 161 + 192 + 202 + 221 \\ 848 &:= 4^3 + 9^3 + 17^0 + 27^1 + 27^1 = 43 + 93 + 170 + 271 + 271 & 848 &:= 7^2 + 17^1 + 19^2 + 20^2 + 21^1 = 72 + 171 + 192 + 202 + 211 \\ 848 &:= 5^2 + 5^3 + 21^1 + 26^2 + 27^0 = 52 + 53 + 211 + 262 + 270 & 848 &:= 7^2 + 18^1 + 19^2 + 20^1 + 20^2 = 72 + 181 + 192 + 201 + 202 \\ 848 &:= 5^2 + 7^2 + 18^1 + 27^1 + 27^2 = 52 + 72 + 181 + 271 + 272 & 848 &:= 7^2 + 19^1 + 19^1 + 19^2 + 20^2 = 72 + 191 + 191 + 192 + 202 \\ 848 &:= 5^2 + 7^2 + 19^1 + 26^1 + 27^2 = 52 + 72 + 191 + 261 + 272 & 848 &:= 7^2 + 9^2 + 15^1 + 26^2 + 27^1 = 72 + 92 + 151 + 262 + 271 \\ 848 &:= 5^2 + 7^2 + 20^1 + 25^1 + 27^2 = 52 + 72 + 201 + 251 + 272 & 848 &:= 7^2 + 9^2 + 16^1 + 26^1 + 26^2 = 72 + 92 + 161 + 261 + 262 \\ 848 &:= 5^2 + 7^2 + 21^1 + 24^1 + 27^2 = 52 + 72 + 211 + 241 + 272 & 848 &:= 7^2 + 9^2 + 17^1 + 25^1 + 26^2 = 72 + 92 + 171 + 251 + 262 \\ 848 &:= 5^2 + 7^2 + 22^1 + 23^1 + 27^2 = 52 + 72 + 221 + 231 + 272 & 848 &:= 7^2 + 9^2 + 18^1 + 24^1 + 26^2 = 72 + 92 + 181 + 241 + 262 \\ 848 &:= 5^3 + 11^2 + 19^0 + 24^2 + 25^1 = 53 + 112 + 190 + 242 + 251 & 848 &:= 7^2 + 9^2 + 19^1 + 23^1 + 26^2 = 72 + 92 + 191 + 231 + 262 \\ 848 &:= 5^3 + 13^2 + 19^0 + 23^2 + 24^1 = 53 + 132 + 190 + 232 + 241 & 848 &:= 7^2 + 9^2 + 20^1 + 22^1 + 26^2 = 72 + 92 + 201 + 221 + 262 \\ 848 &:= 5^3 + 16^2 + 17^0 + 21^2 + 25^1 = 53 + 162 + 170 + 212 + 251 & 848 &:= 7^2 + 9^2 + 21^1 + 21^1 + 26^2 = 72 + 92 + 211 + 211 + 262 \\ 848 &:= 5^4 + 13^0 + 13^2 + 26^1 + 27^1 = 54 + 130 + 132 + 261 + 271 & 848 &:= 7^3 + 11^2 + 19^2 + 22^1 + 25^0 = 73 + 112 + 192 + 221 + 250 \\ 848 &:= 6^2 + 12^1 + 17^2 + 22^2 + 27^1 = 62 + 121 + 172 + 222 + 271 & 848 &:= 7^3 + 14^2 + 17^2 + 19^1 + 27^0 = 73 + 142 + 172 + 191 + 270 \end{aligned}$$

$$\begin{aligned}
 848 &:= 7^3 + 15^2 + 16^2 + 23^0 + 23^1 = 73 + 152 + 162 + 230 + 231 \\
 848 &:= 7^3 + 9^2 + 20^2 + 23^1 + 25^0 = 73 + 92 + 202 + 231 + 250 \\
 848 &:= 8^1 + 14^2 + 16^2 + 19^2 + 27^1 = 81 + 142 + 162 + 192 + 271 \\
 848 &:= 8^2 + 12^1 + 13^2 + 24^2 + 27^1 = 82 + 121 + 132 + 242 + 271 \\
 848 &:= 8^2 + 13^1 + 13^2 + 24^2 + 26^1 = 82 + 131 + 132 + 242 + 261 \\
 848 &:= 8^2 + 13^2 + 14^1 + 24^2 + 25^1 = 82 + 132 + 141 + 242 + 251 \\
 848 &:= 8^2 + 13^2 + 15^1 + 24^1 + 24^2 = 82 + 132 + 151 + 241 + 242 \\
 848 &:= 8^2 + 13^2 + 16^1 + 23^1 + 24^2 = 82 + 132 + 161 + 231 + 242 \\
 848 &:= 8^2 + 13^2 + 17^1 + 22^1 + 24^2 = 82 + 132 + 171 + 221 + 242 \\
 848 &:= 8^2 + 13^2 + 18^1 + 21^1 + 24^2 = 82 + 132 + 181 + 211 + 242 \\
 848 &:= 8^2 + 13^2 + 19^1 + 20^1 + 24^2 = 82 + 132 + 191 + 201 + 242
 \end{aligned}$$

$$\begin{aligned}
 848 &:= 9^1 + 14^2 + 16^2 + 19^2 + 26^1 = 91 + 142 + 162 + 192 + 261 \\
 848 &:= 9^2 + 10^1 + 17^2 + 21^2 + 27^1 = 92 + 101 + 172 + 212 + 271 \\
 848 &:= 9^2 + 11^1 + 17^2 + 21^2 + 26^1 = 92 + 111 + 172 + 212 + 261 \\
 848 &:= 9^2 + 12^1 + 17^2 + 21^2 + 25^1 = 92 + 121 + 172 + 212 + 251 \\
 848 &:= 9^2 + 13^1 + 17^2 + 21^2 + 24^1 = 92 + 131 + 172 + 212 + 241 \\
 848 &:= 9^2 + 14^1 + 17^2 + 21^2 + 23^1 = 92 + 141 + 172 + 212 + 231 \\
 848 &:= 9^2 + 15^1 + 17^2 + 21^2 + 22^1 = 92 + 151 + 172 + 212 + 221 \\
 848 &:= 9^2 + 16^1 + 17^2 + 21^1 + 21^2 = 92 + 161 + 172 + 211 + 212 \\
 848 &:= 9^2 + 17^1 + 17^2 + 20^1 + 21^2 = 92 + 171 + 172 + 201 + 212 \\
 848 &:= 9^2 + 17^2 + 18^1 + 19^1 + 21^2 = 92 + 172 + 181 + 191 + 212
 \end{aligned}$$

2.2.750 Number 849

$$\begin{aligned}
 849 &:= 1^6 + 6^1 + 29^2 + 48^0 = 16 + 61 + 292 + 480 \\
 849 &:= 3^3 + 5^4 + 14^2 + 62^0 = 33 + 54 + 142 + 620 \\
 849 &:= 3^5 + 11^2 + 22^2 + 48^0 = 35 + 112 + 222 + 480 \\
 849 &:= 3^6 + 10^2 + 19^1 + 52^0 = 36 + 102 + 191 + 520 \\
 849 &:= 3^6 + 4^0 + 7^2 + 70^1 = 36 + 40 + 72 + 701 \\
 849 &:= 3^6 + 8^2 + 18^0 + 55^1 = 36 + 82 + 180 + 551 \\
 849 &:= 3^6 + 9^2 + 34^0 + 38^1 = 36 + 92 + 340 + 381 \\
 849 &:= 1^4 + 12^2 + 18^0 + 26^2 + 27^1 = 14 + 122 + 180 + 262 + 271 \\
 849 &:= 1^4 + 14^2 + 18^0 + 25^2 + 26^1 = 14 + 142 + 180 + 252 + 261 \\
 849 &:= 2^4 + 18^0 + 18^2 + 22^2 + 24^1 = 24 + 180 + 182 + 222 + 241
 \end{aligned}$$

$$\begin{aligned}
 849 &:= 2^4 + 9^2 + 22^1 + 24^0 + 27^2 = 24 + 92 + 221 + 240 + 272 \\
 849 &:= 3^4 + 11^2 + 21^1 + 24^0 + 25^2 = 34 + 112 + 211 + 240 + 252 \\
 849 &:= 3^4 + 13^2 + 22^0 + 22^1 + 24^2 = 34 + 132 + 220 + 221 + 242 \\
 849 &:= 3^4 + 16^0 + 16^2 + 22^2 + 27^1 = 34 + 160 + 162 + 222 + 271 \\
 849 &:= 3^4 + 8^2 + 20^0 + 26^2 + 27^1 = 34 + 82 + 200 + 262 + 271 \\
 849 &:= 3^6 + 10^2 + 18^1 + 26^0 + 27^0 = 36 + 102 + 181 + 260 + 270 \\
 849 &:= 4^4 + 13^2 + 20^2 + 23^1 + 24^0 = 44 + 132 + 202 + 231 + 240 \\
 849 &:= 4^4 + 6^2 + 23^2 + 24^0 + 27^1 = 44 + 62 + 232 + 240 + 271 \\
 849 &:= 4^4 + 9^2 + 22^0 + 22^2 + 27^1 = 44 + 92 + 220 + 222 + 271
 \end{aligned}$$

2.2.751 Number 850

$$\begin{aligned}
 850 &:= 1^2 + 2^6 + 28^2 + 53^0 = 12 + 26 + 282 + 530 \\
 850 &:= 1^5 + 4^3 + 28^2 + 51^0 = 15 + 43 + 282 + 510 \\
 850 &:= 1^6 + 8^2 + 28^2 + 47^0 = 16 + 82 + 282 + 470 \\
 850 &:= 1^7 + 7^1 + 29^2 + 47^0 = 17 + 71 + 292 + 470 \\
 850 &:= 2^3 + 5^4 + 6^3 + 71^0 = 23 + 54 + 63 + 710 \\
 850 &:= 2^6 + 16^2 + 23^2 + 43^0 = 26 + 162 + 232 + 430 \\
 850 &:= 2^6 + 9^3 + 17^0 + 56^1 = 26 + 93 + 170 + 561 \\
 850 &:= 2^7 + 11^0 + 26^2 + 45^1 = 27 + 110 + 262 + 451 \\
 850 &:= 3^5 + 5^2 + 23^2 + 53^1 = 35 + 52 + 232 + 531 \\
 850 &:= 3^6 + 4^3 + 21^0 + 56^1 = 36 + 43 + 210 + 561 \\
 850 &:= 1^5 + 10^2 + 19^1 + 27^0 + 27^2 = 15 + 102 + 191 + 270 + 272 \\
 850 &:= 1^5 + 14^2 + 17^0 + 25^2 + 27^1 = 15 + 142 + 170 + 252 + 271
 \end{aligned}$$

$$\begin{aligned}
 850 &:= 1^5 + 16^1 + 16^2 + 24^2 + 27^0 = 15 + 161 + 162 + 242 + 270 \\
 850 &:= 2^4 + 4^4 + 24^2 + 27^0 + 27^0 = 24 + 44 + 242 + 270 + 270 \\
 850 &:= 2^5 + 11^2 + 20^1 + 25^0 + 26^2 = 25 + 112 + 201 + 250 + 262 \\
 850 &:= 2^5 + 13^2 + 21^0 + 23^1 + 25^2 = 25 + 132 + 210 + 231 + 252 \\
 850 &:= 2^5 + 15^1 + 19^2 + 21^2 + 27^0 = 25 + 151 + 192 + 212 + 270 \\
 850 &:= 2^5 + 15^2 + 16^1 + 24^2 + 27^0 = 25 + 152 + 161 + 242 + 270 \\
 850 &:= 2^5 + 17^1 + 20^2 + 20^2 + 25^0 = 25 + 171 + 202 + 202 + 250 \\
 850 &:= 2^5 + 8^2 + 23^0 + 24^1 + 27^2 = 25 + 82 + 230 + 241 + 272 \\
 850 &:= 3^4 + 14^2 + 17^1 + 23^2 + 27^1 = 34 + 142 + 171 + 232 + 271 \\
 850 &:= 3^4 + 14^2 + 18^1 + 23^2 + 26^1 = 34 + 142 + 181 + 232 + 261 \\
 850 &:= 3^4 + 14^2 + 19^1 + 23^2 + 25^1 = 34 + 142 + 191 + 232 + 251 \\
 850 &:= 3^4 + 14^2 + 20^1 + 23^2 + 24^1 = 34 + 142 + 201 + 232 + 241
 \end{aligned}$$

$$\begin{aligned}850 &:= 3^4 + 14^2 + 21^1 + 23^1 + 23^2 = 34 + 142 + 211 + 231 + 232 \\850 &:= 3^4 + 14^2 + 22^1 + 22^1 + 23^2 = 34 + 142 + 221 + 221 + 232 \\850 &:= 3^5 + 10^2 + 22^1 + 22^2 + 27^0 = 35 + 102 + 221 + 222 + 270 \\850 &:= 3^5 + 12^2 + 21^1 + 21^2 + 27^0 = 35 + 122 + 211 + 212 + 270\end{aligned}$$

$$\begin{aligned}850 &:= 3^5 + 15^2 + 19^2 + 20^1 + 27^0 = 35 + 152 + 192 + 201 + 270 \\850 &:= 3^5 + 16^2 + 18^2 + 21^0 + 26^1 = 35 + 162 + 182 + 210 + 261 \\850 &:= 4^4 + 5^3 + 21^2 + 27^0 + 27^1 = 44 + 53 + 212 + 270 + 271\end{aligned}$$

2.2.752 Number 851

$$\begin{aligned}851 &:= 1^6 + 2^3 + 29^2 + 52^0 = 16 + 23 + 292 + 520 \\851 &:= 1^8 + 8^1 + 29^2 + 46^0 = 18 + 81 + 292 + 460 \\851 &:= 2^7 + 19^2 + 19^2 + 44^0 = 27 + 192 + 192 + 440 \\851 &:= 2^8 + 18^1 + 24^2 + 40^0 = 28 + 181 + 242 + 400 \\851 &:= 3^4 + 3^6 + 38^0 + 40^1 = 34 + 36 + 380 + 401 \\851 &:= 1^6 + 10^2 + 20^1 + 26^0 + 27^2 = 16 + 102 + 201 + 260 + 272 \\851 &:= 1^6 + 16^2 + 17^1 + 24^2 + 26^0 = 16 + 162 + 171 + 242 + 260 \\851 &:= 2^5 + 4^3 + 25^1 + 26^0 + 27^2 = 25 + 43 + 251 + 260 + 272 \\851 &:= 2^5 + 6^3 + 24^2 + 26^0 + 26^1 = 25 + 63 + 242 + 260 + 261 \\851 &:= 2^6 + 18^0 + 19^2 + 20^2 + 25^1 = 26 + 180 + 192 + 202 + 251 \\851 &:= 2^6 + 18^2 + 21^1 + 21^2 + 22^0 = 26 + 182 + 211 + 212 + 220 \\851 &:= 2^7 + 10^0 + 19^1 + 26^2 + 27^1 = 27 + 100 + 191 + 262 + 271\end{aligned}$$

$$\begin{aligned}851 &:= 2^7 + 10^0 + 20^1 + 26^1 + 26^2 = 27 + 100 + 201 + 261 + 262 \\851 &:= 2^7 + 10^0 + 21^1 + 25^1 + 26^2 = 27 + 100 + 211 + 251 + 262 \\851 &:= 2^7 + 10^0 + 22^1 + 24^1 + 26^2 = 27 + 100 + 221 + 241 + 262 \\851 &:= 2^7 + 10^0 + 23^1 + 23^1 + 26^2 = 27 + 100 + 231 + 231 + 262 \\851 &:= 2^8 + 14^0 + 17^1 + 24^2 + 27^0 = 28 + 140 + 171 + 242 + 270 \\851 &:= 2^8 + 15^0 + 17^1 + 24^2 + 26^0 = 28 + 150 + 171 + 242 + 260 \\851 &:= 2^8 + 16^0 + 17^1 + 24^2 + 25^0 = 28 + 160 + 171 + 242 + 250 \\851 &:= 2^8 + 17^0 + 17^1 + 24^0 + 24^2 = 28 + 170 + 171 + 240 + 242 \\851 &:= 2^8 + 17^1 + 18^0 + 23^0 + 24^2 = 28 + 171 + 180 + 230 + 242 \\851 &:= 2^8 + 17^1 + 19^0 + 22^0 + 24^2 = 28 + 171 + 190 + 220 + 242 \\851 &:= 2^8 + 17^1 + 20^0 + 21^0 + 24^2 = 28 + 171 + 200 + 210 + 242\end{aligned}$$

2.2.753 Number 852

$$\begin{aligned}852 &:= 1^3 + 3^6 + 7^2 + 73^1 = 13 + 36 + 72 + 731 \\852 &:= 1^4 + 3^6 + 11^2 + 69^0 = 14 + 36 + 112 + 690 \\852 &:= 1^6 + 5^4 + 15^2 + 63^0 = 16 + 54 + 152 + 630 \\852 &:= 1^7 + 18^2 + 22^2 + 43^1 = 17 + 182 + 222 + 431 \\852 &:= 1^7 + 4^2 + 28^2 + 51^1 = 17 + 42 + 282 + 511 \\852 &:= 1^7 + 9^3 + 11^2 + 63^0 = 17 + 93 + 112 + 630 \\852 &:= 1^8 + 11^2 + 27^2 + 45^0 = 18 + 112 + 272 + 450 \\852 &:= 1^8 + 15^2 + 25^2 + 43^0 = 18 + 152 + 252 + 430 \\852 &:= 1^8 + 3^2 + 29^2 + 51^0 = 18 + 32 + 292 + 510 \\852 &:= 1^9 + 9^1 + 29^2 + 45^0 = 19 + 91 + 292 + 450 \\852 &:= 2^5 + 3^5 + 24^2 + 55^0 = 25 + 35 + 242 + 550 \\852 &:= 2^7 + 10^2 + 24^2 + 48^1 = 27 + 102 + 242 + 481 \\852 &:= 2^7 + 7^2 + 25^2 + 50^1 = 27 + 72 + 252 + 501 \\852 &:= 2^9 + 15^0 + 17^2 + 50^1 = 29 + 150 + 172 + 501 \\852 &:= 2^9 + 15^1 + 18^2 + 49^0 = 29 + 151 + 182 + 490 \\852 &:= 3^3 + 3^5 + 8^3 + 70^1 = 33 + 35 + 83 + 701 \\852 &:= 1^6 + 16^1 + 18^2 + 22^2 + 27^1 = 16 + 161 + 182 + 222 + 271\end{aligned}$$

$$\begin{aligned}852 &:= 1^6 + 17^1 + 18^2 + 22^2 + 26^1 = 16 + 171 + 182 + 222 + 261 \\852 &:= 1^6 + 18^1 + 18^2 + 22^2 + 25^1 = 16 + 181 + 182 + 222 + 251 \\852 &:= 1^6 + 18^2 + 19^1 + 22^2 + 24^1 = 16 + 182 + 191 + 222 + 241 \\852 &:= 1^6 + 18^2 + 20^1 + 22^2 + 23^1 = 16 + 182 + 201 + 222 + 231 \\852 &:= 1^6 + 18^2 + 21^1 + 22^1 + 22^2 = 16 + 182 + 211 + 221 + 222 \\852 &:= 1^7 + 10^2 + 21^1 + 25^0 + 27^2 = 17 + 102 + 211 + 250 + 272 \\852 &:= 1^7 + 16^2 + 18^1 + 24^2 + 25^0 = 17 + 162 + 181 + 242 + 250 \\852 &:= 2^6 + 8^2 + 21^1 + 26^2 + 27^1 = 26 + 82 + 211 + 262 + 271 \\852 &:= 2^6 + 8^2 + 22^1 + 26^1 + 26^2 = 26 + 82 + 221 + 261 + 262 \\852 &:= 2^6 + 8^2 + 23^1 + 25^1 + 26^2 = 26 + 82 + 231 + 251 + 262 \\852 &:= 2^6 + 8^2 + 24^1 + 24^1 + 26^2 = 26 + 82 + 241 + 241 + 262 \\852 &:= 2^7 + 11^2 + 21^0 + 24^2 + 26^1 = 27 + 112 + 210 + 242 + 261 \\852 &:= 2^7 + 13^2 + 21^0 + 23^2 + 25^1 = 27 + 132 + 210 + 232 + 251 \\852 &:= 2^7 + 16^2 + 19^0 + 21^2 + 26^1 = 27 + 162 + 190 + 212 + 261 \\852 &:= 2^9 + 14^1 + 18^2 + 23^0 + 27^0 = 29 + 141 + 182 + 230 + 270 \\852 &:= 2^9 + 14^1 + 18^2 + 24^0 + 26^0 = 29 + 141 + 182 + 240 + 260 \\852 &:= 2^9 + 14^1 + 18^2 + 25^0 + 25^0 = 29 + 141 + 182 + 250 + 250\end{aligned}$$

2.2.754 Number 853

$853 := 11^1 + 29^2 + 45^0$	$= 111 + 292 + 450$	$853 := 5^0 + 10^1 + 29^2 + 41^0$	$= 50 + 101 + 292 + 410$
$853 := 1^0 + 10^1 + 29^2 + 45^0$	$= 10 + 101 + 292 + 450$	$853 := 6^0 + 10^1 + 29^2 + 40^0$	$= 60 + 101 + 292 + 400$
$853 := 10^0 + 10^1 + 29^2 + 36^0$	$= 100 + 101 + 292 + 360$	$853 := 7^0 + 10^1 + 29^2 + 39^0$	$= 70 + 101 + 292 + 390$
$853 := 10^1 + 11^0 + 29^2 + 35^0$	$= 101 + 110 + 292 + 350$	$853 := 8^0 + 10^1 + 29^2 + 38^0$	$= 80 + 101 + 292 + 380$
$853 := 10^1 + 12^0 + 29^2 + 34^0$	$= 101 + 120 + 292 + 340$	$853 := 9^0 + 10^1 + 29^2 + 37^0$	$= 90 + 101 + 292 + 370$
$853 := 10^1 + 13^0 + 29^2 + 33^0$	$= 101 + 130 + 292 + 330$	$853 := 1^8 + 10^2 + 22^1 + 24^0 + 27^2$	$= 18 + 102 + 221 + 240 + 272$
$853 := 10^1 + 14^0 + 29^2 + 32^0$	$= 101 + 140 + 292 + 320$	$853 := 1^8 + 16^2 + 19^1 + 24^0 + 24^2$	$= 18 + 162 + 191 + 240 + 242$
$853 := 10^1 + 15^0 + 29^2 + 31^0$	$= 101 + 150 + 292 + 310$	$853 := 1^9 + 11^2 + 18^0 + 27^0 + 27^2$	$= 19 + 112 + 180 + 270 + 272$
$853 := 10^1 + 16^0 + 29^2 + 30^0$	$= 101 + 160 + 292 + 300$	$853 := 1^9 + 11^2 + 19^0 + 26^0 + 27^2$	$= 19 + 112 + 190 + 260 + 272$
$853 := 10^1 + 17^0 + 29^0 + 29^2$	$= 101 + 170 + 290 + 292$	$853 := 1^9 + 11^2 + 20^0 + 25^0 + 27^2$	$= 19 + 112 + 200 + 250 + 272$
$853 := 10^1 + 18^0 + 28^0 + 29^2$	$= 101 + 180 + 280 + 292$	$853 := 1^9 + 11^2 + 21^0 + 24^0 + 27^2$	$= 19 + 112 + 210 + 240 + 272$
$853 := 10^1 + 19^0 + 27^0 + 29^2$	$= 101 + 190 + 270 + 292$	$853 := 1^9 + 11^2 + 22^0 + 23^0 + 27^2$	$= 19 + 112 + 220 + 230 + 272$
$853 := 10^1 + 20^0 + 26^0 + 29^2$	$= 101 + 200 + 260 + 292$	$853 := 1^9 + 15^2 + 16^0 + 25^2 + 27^0$	$= 19 + 152 + 160 + 252 + 270$
$853 := 10^1 + 21^0 + 25^0 + 29^2$	$= 101 + 210 + 250 + 292$	$853 := 1^9 + 15^2 + 17^0 + 25^2 + 26^0$	$= 19 + 152 + 170 + 252 + 260$
$853 := 10^1 + 22^0 + 24^0 + 29^2$	$= 101 + 220 + 240 + 292$	$853 := 1^9 + 15^2 + 18^0 + 25^0 + 25^2$	$= 19 + 152 + 180 + 250 + 252$
$853 := 10^1 + 23^0 + 23^0 + 29^2$	$= 101 + 230 + 230 + 292$	$853 := 1^9 + 15^2 + 19^0 + 24^0 + 25^2$	$= 19 + 152 + 190 + 240 + 252$
$853 := 2^0 + 10^1 + 29^2 + 44^0$	$= 20 + 101 + 292 + 440$	$853 := 1^9 + 15^2 + 20^0 + 23^0 + 25^2$	$= 19 + 152 + 200 + 230 + 252$
$853 := 2^6 + 3^6 + 20^0 + 59^1$	$= 26 + 36 + 200 + 591$	$853 := 1^9 + 15^2 + 21^0 + 22^0 + 25^2$	$= 19 + 152 + 210 + 220 + 252$
$853 := 2^9 + 12^2 + 14^2 + 56^0$	$= 29 + 122 + 142 + 560$	$853 := 2^8 + 13^2 + 20^2 + 22^0 + 27^1$	$= 28 + 132 + 202 + 220 + 271$
$853 := 2^9 + 4^2 + 18^2 + 60^0$	$= 29 + 42 + 182 + 600$	$853 := 2^9 + 14^0 + 17^2 + 24^1 + 27^1$	$= 29 + 140 + 172 + 241 + 271$
$853 := 3^0 + 10^1 + 29^2 + 43^0$	$= 30 + 101 + 292 + 430$	$853 := 2^9 + 14^0 + 17^2 + 25^1 + 26^1$	$= 29 + 140 + 172 + 251 + 261$
$853 := 4^0 + 10^1 + 29^2 + 42^0$	$= 40 + 101 + 292 + 420$		

2.2.755 Number 854

$854 := 18^2 + 23^2 + 44^0$	$= 182 + 232 + 440$	$854 := 5^1 + 7^1 + 29^2 + 44^0$	$= 51 + 71 + 292 + 440$
$854 := 1^1 + 11^1 + 29^2 + 44^0$	$= 11 + 111 + 292 + 440$	$854 := 6^1 + 6^1 + 29^2 + 44^0$	$= 61 + 61 + 292 + 440$
$854 := 1^7 + 2^4 + 28^2 + 53^1$	$= 17 + 24 + 282 + 531$	$854 := 1^7 + 5^3 + 25^1 + 26^2 + 27^1$	$= 17 + 53 + 251 + 262 + 271$
$854 := 1^8 + 5^3 + 26^2 + 52^1$	$= 18 + 53 + 262 + 521$	$854 := 1^7 + 5^3 + 26^1 + 26^1 + 26^2$	$= 17 + 53 + 261 + 261 + 262$
$854 := 2^1 + 10^1 + 29^2 + 44^0$	$= 21 + 101 + 292 + 440$	$854 := 1^9 + 10^2 + 23^0 + 23^1 + 27^2$	$= 19 + 102 + 230 + 231 + 272$
$854 := 2^8 + 4^2 + 8^3 + 70^1$	$= 28 + 42 + 83 + 701$	$854 := 1^9 + 16^2 + 20^1 + 23^0 + 24^2$	$= 19 + 162 + 201 + 230 + 242$
$854 := 2^8 + 6^3 + 18^2 + 58^1$	$= 28 + 63 + 182 + 581$	$854 := 2^8 + 15^2 + 18^2 + 22^1 + 27^1$	$= 28 + 152 + 182 + 221 + 271$
$854 := 2^9 + 5^2 + 16^2 + 61^1$	$= 29 + 52 + 162 + 611$	$854 := 2^8 + 15^2 + 18^2 + 23^1 + 26^1$	$= 28 + 152 + 182 + 231 + 261$
$854 := 3^1 + 9^1 + 29^2 + 44^0$	$= 31 + 91 + 292 + 440$	$854 := 2^8 + 15^2 + 18^2 + 24^1 + 25^1$	$= 28 + 152 + 182 + 241 + 251$
$854 := 4^1 + 8^1 + 29^2 + 44^0$	$= 41 + 81 + 292 + 440$		

2.2.756 Number 855

$855 := 5^3 + 27^2 + 53^0$	$= 53 + 272 + 530$	$855 := 2^0 + 10^2 + 22^0 + 24^1 + 27^2$	$= 20 + 102 + 220 + 241 + 272$
$855 := 1^1 + 18^2 + 23^2 + 43^0$	$= 11 + 182 + 232 + 430$	$855 := 2^0 + 16^2 + 21^1 + 22^0 + 24^2$	$= 20 + 162 + 211 + 220 + 242$
$855 := 1^2 + 12^1 + 29^2 + 43^0$	$= 12 + 121 + 292 + 430$	$855 := 3^0 + 10^2 + 21^0 + 24^1 + 27^2$	$= 30 + 102 + 210 + 241 + 272$
$855 := 10^2 + 23^0 + 25^1 + 27^2$	$= 102 + 230 + 251 + 272$	$855 := 3^0 + 16^2 + 21^0 + 21^1 + 24^2$	$= 30 + 162 + 210 + 211 + 242$
$855 := 12^2 + 13^0 + 26^2 + 34^1$	$= 122 + 130 + 262 + 341$	$855 := 3^1 + 11^2 + 17^0 + 27^0 + 27^2$	$= 31 + 112 + 170 + 270 + 272$
$855 := 13^0 + 14^2 + 25^2 + 33^1$	$= 130 + 142 + 252 + 331$	$855 := 3^1 + 11^2 + 18^0 + 26^0 + 27^2$	$= 31 + 112 + 180 + 260 + 272$
$855 := 13^1 + 20^2 + 21^2 + 31^0$	$= 131 + 202 + 212 + 310$	$855 := 3^1 + 11^2 + 19^0 + 25^0 + 27^2$	$= 31 + 112 + 190 + 250 + 272$
$855 := 16^2 + 22^1 + 23^0 + 24^2$	$= 162 + 221 + 230 + 242$	$855 := 3^1 + 11^2 + 20^0 + 24^0 + 27^2$	$= 31 + 112 + 200 + 240 + 272$
$855 := 2^2 + 9^1 + 29^2 + 45^0$	$= 22 + 91 + 292 + 450$	$855 := 3^1 + 11^2 + 21^0 + 23^0 + 27^2$	$= 31 + 112 + 210 + 230 + 272$
$855 := 3^2 + 4^1 + 29^2 + 49^0$	$= 32 + 41 + 292 + 490$	$855 := 3^1 + 11^2 + 22^0 + 22^0 + 27^2$	$= 31 + 112 + 220 + 220 + 272$
$855 := 4^1 + 11^2 + 27^2 + 43^0$	$= 41 + 112 + 272 + 430$	$855 := 3^1 + 15^0 + 15^2 + 25^2 + 27^0$	$= 31 + 150 + 152 + 252 + 270$
$855 := 4^1 + 15^2 + 25^2 + 41^0$	$= 41 + 152 + 252 + 410$	$855 := 3^1 + 15^2 + 16^0 + 25^2 + 26^0$	$= 31 + 152 + 160 + 252 + 260$
$855 := 5^0 + 9^2 + 27^2 + 44^1$	$= 50 + 92 + 272 + 441$	$855 := 3^1 + 15^2 + 17^0 + 25^0 + 25^2$	$= 31 + 152 + 170 + 250 + 252$
$855 := 5^2 + 7^0 + 28^2 + 45^1$	$= 52 + 70 + 282 + 451$	$855 := 3^1 + 15^2 + 18^0 + 24^0 + 25^2$	$= 31 + 152 + 180 + 240 + 252$
$855 := 5^3 + 27^2 + 53^0$	$= 53 + 272 + 530$	$855 := 3^1 + 15^2 + 19^0 + 23^0 + 25^2$	$= 31 + 152 + 190 + 230 + 252$
$855 := 6^1 + 8^2 + 28^2 + 43^0$	$= 61 + 82 + 282 + 430$	$855 := 3^1 + 15^2 + 20^0 + 22^0 + 25^2$	$= 31 + 152 + 200 + 220 + 252$
$855 := 6^2 + 17^0 + 28^2 + 34^1$	$= 62 + 170 + 282 + 341$	$855 := 3^1 + 15^2 + 21^0 + 21^0 + 25^2$	$= 31 + 152 + 210 + 210 + 252$
$855 := 7^2 + 21^1 + 28^2 + 29^0$	$= 72 + 211 + 282 + 290$	$855 := 4^0 + 10^2 + 20^0 + 24^1 + 27^2$	$= 40 + 102 + 200 + 241 + 272$
$855 := 9^0 + 17^2 + 23^2 + 36^1$	$= 90 + 172 + 232 + 361$	$855 := 4^0 + 16^2 + 20^0 + 21^1 + 24^2$	$= 40 + 162 + 200 + 211 + 242$
$855 := 9^1 + 13^2 + 26^2 + 37^0$	$= 91 + 132 + 262 + 370$	$855 := 5^0 + 10^2 + 19^0 + 24^1 + 27^2$	$= 50 + 102 + 190 + 241 + 272$
$855 := 9^1 + 19^2 + 22^2 + 35^0$	$= 91 + 192 + 222 + 350$	$855 := 5^0 + 12^1 + 20^2 + 21^2 + 27^0$	$= 50 + 121 + 202 + 212 + 270$
$855 := 1^0 + 10^2 + 23^0 + 24^1 + 27^2$	$= 10 + 102 + 230 + 241 + 272$	$855 := 5^0 + 16^2 + 19^0 + 21^1 + 24^2$	$= 50 + 162 + 190 + 211 + 242$
$855 := 1^0 + 16^2 + 21^1 + 23^0 + 24^2$	$= 10 + 162 + 211 + 230 + 242$	$855 := 6^0 + 10^2 + 18^0 + 24^1 + 27^2$	$= 60 + 102 + 180 + 241 + 272$
$855 := 10^0 + 10^2 + 14^0 + 24^1 + 27^2$	$= 100 + 102 + 140 + 241 + 272$	$855 := 6^0 + 12^1 + 20^2 + 21^2 + 26^0$	$= 60 + 121 + 202 + 212 + 260$
$855 := 10^0 + 12^1 + 20^2 + 21^2 + 22^0$	$= 100 + 121 + 202 + 212 + 220$	$855 := 6^0 + 16^2 + 18^0 + 21^1 + 24^2$	$= 60 + 162 + 180 + 211 + 242$
$855 := 10^0 + 14^0 + 16^2 + 21^1 + 24^2$	$= 100 + 140 + 162 + 211 + 242$	$855 := 7^0 + 10^2 + 17^0 + 24^1 + 27^2$	$= 70 + 102 + 170 + 241 + 272$
$855 := 10^2 + 11^0 + 13^0 + 24^1 + 27^2$	$= 102 + 110 + 130 + 241 + 272$	$855 := 7^0 + 12^1 + 20^2 + 21^2 + 25^0$	$= 70 + 121 + 202 + 212 + 250$
$855 := 10^2 + 12^0 + 12^0 + 24^1 + 27^2$	$= 102 + 120 + 120 + 241 + 272$	$855 := 7^0 + 16^2 + 17^0 + 21^1 + 24^2$	$= 70 + 162 + 170 + 211 + 242$
$855 := 11^0 + 12^1 + 20^2 + 21^0 + 21^2$	$= 110 + 121 + 202 + 210 + 212$	$855 := 8^0 + 10^2 + 16^0 + 24^1 + 27^2$	$= 80 + 102 + 160 + 241 + 272$
$855 := 11^0 + 13^0 + 16^2 + 21^1 + 24^2$	$= 110 + 130 + 162 + 211 + 242$	$855 := 8^0 + 12^1 + 20^2 + 21^2 + 24^0$	$= 80 + 121 + 202 + 212 + 240$
$855 := 12^0 + 12^0 + 16^2 + 21^1 + 24^2$	$= 120 + 120 + 162 + 211 + 242$	$855 := 8^0 + 16^0 + 16^2 + 21^1 + 24^2$	$= 80 + 160 + 162 + 211 + 242$
$855 := 12^0 + 12^1 + 20^0 + 20^2 + 21^2$	$= 120 + 121 + 200 + 202 + 212$	$855 := 8^1 + 10^0 + 19^2 + 22^2 + 26^0$	$= 81 + 100 + 192 + 222 + 260$
$855 := 12^1 + 13^0 + 19^0 + 20^2 + 21^2$	$= 121 + 130 + 190 + 202 + 212$	$855 := 8^1 + 11^0 + 13^2 + 26^2 + 27^0$	$= 81 + 110 + 132 + 262 + 270$
$855 := 12^1 + 14^0 + 18^0 + 20^2 + 21^2$	$= 121 + 140 + 180 + 202 + 212$	$855 := 8^1 + 11^0 + 19^2 + 22^2 + 25^0$	$= 81 + 110 + 192 + 222 + 250$
$855 := 12^1 + 15^0 + 17^0 + 20^2 + 21^2$	$= 121 + 150 + 170 + 202 + 212$	$855 := 8^1 + 12^0 + 13^2 + 26^0 + 26^2$	$= 81 + 120 + 132 + 260 + 262$
$855 := 12^1 + 16^0 + 16^0 + 20^2 + 21^2$	$= 121 + 160 + 160 + 202 + 212$	$855 := 8^1 + 12^0 + 19^2 + 22^2 + 24^0$	$= 81 + 120 + 192 + 222 + 240$

$$\begin{aligned}
 855 &:= 8^1 + 13^0 + 13^2 + 25^0 + 26^2 = 81 + 130 + 132 + 250 + 262 \\
 855 &:= 8^1 + 13^0 + 19^2 + 22^2 + 23^0 = 81 + 130 + 192 + 222 + 230 \\
 855 &:= 8^1 + 13^2 + 14^0 + 24^0 + 26^2 = 81 + 132 + 140 + 240 + 262 \\
 855 &:= 8^1 + 13^2 + 15^0 + 23^0 + 26^2 = 81 + 132 + 150 + 230 + 262 \\
 855 &:= 8^1 + 13^2 + 16^0 + 22^0 + 26^2 = 81 + 132 + 160 + 220 + 262 \\
 855 &:= 8^1 + 13^2 + 17^0 + 21^0 + 26^2 = 81 + 132 + 170 + 210 + 262 \\
 855 &:= 8^1 + 13^2 + 18^0 + 20^0 + 26^2 = 81 + 132 + 180 + 200 + 262 \\
 855 &:= 8^1 + 13^2 + 19^0 + 19^0 + 26^2 = 81 + 132 + 190 + 190 + 262 \\
 855 &:= 8^1 + 14^0 + 19^2 + 22^0 + 22^2 = 81 + 140 + 192 + 220 + 222
 \end{aligned}$$

$$\begin{aligned}
 855 &:= 8^1 + 15^0 + 19^2 + 21^0 + 22^2 = 81 + 150 + 192 + 210 + 222 \\
 855 &:= 8^1 + 16^0 + 19^2 + 20^0 + 22^2 = 81 + 160 + 192 + 200 + 222 \\
 855 &:= 8^1 + 17^0 + 19^0 + 19^2 + 22^2 = 81 + 170 + 190 + 192 + 222 \\
 855 &:= 8^1 + 18^0 + 18^0 + 19^2 + 22^2 = 81 + 180 + 180 + 192 + 222 \\
 855 &:= 8^1 + 9^0 + 19^2 + 22^2 + 27^0 = 81 + 90 + 192 + 222 + 270 \\
 855 &:= 9^0 + 10^2 + 15^0 + 24^1 + 27^2 = 90 + 102 + 150 + 241 + 272 \\
 855 &:= 9^0 + 12^1 + 20^2 + 21^2 + 23^0 = 90 + 121 + 202 + 212 + 230 \\
 855 &:= 9^0 + 15^0 + 16^2 + 21^1 + 24^2 = 90 + 150 + 162 + 211 + 242
 \end{aligned}$$

2.2.757 Number 856

$$\begin{aligned}
 856 &:= 7^3 + 8^3 + 70^0 = 73 + 83 + 700 \\
 856 &:= 1^0 + 5^3 + 9^3 + 70^0 = 10 + 53 + 93 + 700 \\
 856 &:= 1^1 + 5^3 + 27^2 + 52^0 = 11 + 53 + 272 + 520 \\
 856 &:= 1^3 + 13^1 + 29^2 + 42^0 = 13 + 131 + 292 + 420 \\
 856 &:= 1^7 + 3^6 + 5^3 + 75^0 = 17 + 36 + 53 + 750 \\
 856 &:= 2^0 + 5^3 + 9^3 + 69^0 = 20 + 53 + 93 + 690 \\
 856 &:= 2^3 + 6^1 + 29^2 + 48^0 = 23 + 61 + 292 + 480 \\
 856 &:= 2^4 + 2^8 + 8^3 + 72^1 = 24 + 28 + 83 + 721 \\
 856 &:= 2^9 + 3^5 + 10^2 + 69^0 = 29 + 35 + 102 + 690 \\
 856 &:= 3^0 + 5^3 + 9^3 + 68^0 = 30 + 53 + 93 + 680 \\
 856 &:= 3^3 + 10^0 + 28^2 + 44^1 = 33 + 100 + 282 + 441 \\
 856 &:= 4^0 + 5^3 + 9^3 + 67^0 = 40 + 53 + 93 + 670 \\
 856 &:= 4^3 + 7^1 + 28^2 + 46^0 = 43 + 71 + 282 + 460 \\
 856 &:= 5^0 + 5^3 + 9^3 + 66^0 = 50 + 53 + 93 + 660 \\
 856 &:= 5^1 + 9^3 + 11^2 + 60^0 = 51 + 93 + 112 + 600 \\
 856 &:= 5^3 + 6^0 + 9^3 + 65^0 = 53 + 60 + 93 + 650 \\
 856 &:= 5^3 + 7^0 + 9^3 + 64^0 = 53 + 70 + 93 + 640 \\
 856 &:= 5^3 + 8^0 + 9^3 + 63^0 = 53 + 80 + 93 + 630 \\
 856 &:= 5^3 + 9^0 + 9^3 + 62^0 = 53 + 90 + 93 + 620 \\
 856 &:= 5^3 + 9^3 + 10^0 + 61^0 = 53 + 93 + 100 + 610 \\
 856 &:= 5^3 + 9^3 + 11^0 + 60^0 = 53 + 93 + 110 + 600 \\
 856 &:= 5^3 + 9^3 + 12^0 + 59^0 = 53 + 93 + 120 + 590 \\
 856 &:= 5^3 + 9^3 + 13^0 + 58^0 = 53 + 93 + 130 + 580 \\
 856 &:= 5^3 + 9^3 + 14^0 + 57^0 = 53 + 93 + 140 + 570 \\
 856 &:= 5^3 + 9^3 + 15^0 + 56^0 = 53 + 93 + 150 + 560 \\
 856 &:= 5^3 + 9^3 + 16^0 + 55^0 = 53 + 93 + 160 + 550
 \end{aligned}$$

$$\begin{aligned}
 856 &:= 5^3 + 9^3 + 17^0 + 54^0 = 53 + 93 + 170 + 540 \\
 856 &:= 5^3 + 9^3 + 18^0 + 53^0 = 53 + 93 + 180 + 530 \\
 856 &:= 5^3 + 9^3 + 19^0 + 52^0 = 53 + 93 + 190 + 520 \\
 856 &:= 5^3 + 9^3 + 20^0 + 51^0 = 53 + 93 + 200 + 510 \\
 856 &:= 5^3 + 9^3 + 21^0 + 50^0 = 53 + 93 + 210 + 500 \\
 856 &:= 5^3 + 9^3 + 22^0 + 49^0 = 53 + 93 + 220 + 490 \\
 856 &:= 5^3 + 9^3 + 23^0 + 48^0 = 53 + 93 + 230 + 480 \\
 856 &:= 5^3 + 9^3 + 24^0 + 47^0 = 53 + 93 + 240 + 470 \\
 856 &:= 5^3 + 9^3 + 25^0 + 46^0 = 53 + 93 + 250 + 460 \\
 856 &:= 5^3 + 9^3 + 26^0 + 45^0 = 53 + 93 + 260 + 450 \\
 856 &:= 5^3 + 9^3 + 27^0 + 44^0 = 53 + 93 + 270 + 440 \\
 856 &:= 5^3 + 9^3 + 28^0 + 43^0 = 53 + 93 + 280 + 430 \\
 856 &:= 5^3 + 9^3 + 29^0 + 42^0 = 53 + 93 + 290 + 420 \\
 856 &:= 5^3 + 9^3 + 30^0 + 41^0 = 53 + 93 + 300 + 410 \\
 856 &:= 5^3 + 9^3 + 31^0 + 40^0 = 53 + 93 + 310 + 400 \\
 856 &:= 5^3 + 9^3 + 32^0 + 39^0 = 53 + 93 + 320 + 390 \\
 856 &:= 5^3 + 9^3 + 33^0 + 38^0 = 53 + 93 + 330 + 380 \\
 856 &:= 5^3 + 9^3 + 34^0 + 37^0 = 53 + 93 + 340 + 370 \\
 856 &:= 5^3 + 9^3 + 35^0 + 36^0 = 53 + 93 + 350 + 360 \\
 856 &:= 6^0 + 8^2 + 9^3 + 62^1 = 60 + 82 + 93 + 621 \\
 856 &:= 6^0 + 8^3 + 17^2 + 54^1 = 60 + 83 + 172 + 541 \\
 856 &:= 6^3 + 14^1 + 25^2 + 40^0 = 63 + 141 + 252 + 400 \\
 856 &:= 7^3 + 22^2 + 28^0 + 28^1 = 73 + 222 + 280 + 281 \\
 856 &:= 8^3 + 18^2 + 19^1 + 40^0 = 83 + 182 + 191 + 400 \\
 856 &:= 9^2 + 9^3 + 22^0 + 45^1 = 92 + 93 + 220 + 451 \\
 856 &:= 9^3 + 10^2 + 26^1 + 40^0 = 93 + 102 + 261 + 400
 \end{aligned}$$

$$\begin{aligned} 856 &:= 1^1 + 10^2 + 22^0 + 25^1 + 27^2 = 11 + 102 + 220 + 251 + 272 & 856 &:= 12^0 + 14^1 + 14^2 + 20^1 + 25^2 = 120 + 141 + 142 + 201 + 252 \\ 856 &:= 1^1 + 16^2 + 22^0 + 22^1 + 24^2 = 11 + 162 + 220 + 221 + 242 & 856 &:= 12^0 + 14^2 + 15^1 + 19^1 + 25^2 = 120 + 142 + 151 + 191 + 252 \\ 856 &:= 1^2 + 16^0 + 18^2 + 23^2 + 27^0 = 12 + 160 + 182 + 232 + 270 & 856 &:= 12^0 + 14^2 + 16^1 + 18^1 + 25^2 = 120 + 142 + 161 + 181 + 252 \\ 856 &:= 1^2 + 17^0 + 18^2 + 23^2 + 26^0 = 12 + 170 + 182 + 232 + 260 & 856 &:= 12^0 + 14^2 + 17^1 + 17^1 + 25^2 = 120 + 142 + 171 + 171 + 252 \\ 856 &:= 1^2 + 18^0 + 18^2 + 23^2 + 25^0 = 12 + 180 + 182 + 232 + 250 & 856 &:= 13^0 + 13^2 + 18^2 + 19^2 + 22^0 = 130 + 132 + 182 + 192 + 220 \\ 856 &:= 1^2 + 18^2 + 19^0 + 23^2 + 24^0 = 12 + 182 + 190 + 232 + 240 & 856 &:= 13^2 + 14^0 + 18^2 + 19^2 + 21^0 = 132 + 140 + 182 + 192 + 210 \\ 856 &:= 1^2 + 18^2 + 20^0 + 23^0 + 23^2 = 12 + 182 + 200 + 230 + 232 & 856 &:= 13^2 + 15^0 + 18^2 + 19^2 + 20^0 = 132 + 150 + 182 + 192 + 200 \\ 856 &:= 1^2 + 18^2 + 21^0 + 22^0 + 23^2 = 12 + 182 + 210 + 220 + 232 & 856 &:= 13^2 + 16^0 + 18^2 + 19^0 + 19^2 = 132 + 160 + 182 + 190 + 192 \\ 856 &:= 10^0 + 10^2 + 15^2 + 23^2 + 27^0 = 100 + 102 + 152 + 232 + 270 & 856 &:= 13^2 + 17^0 + 18^0 + 18^2 + 19^2 = 132 + 170 + 180 + 182 + 192 \\ 856 &:= 10^0 + 13^2 + 18^2 + 19^2 + 25^0 = 100 + 132 + 182 + 192 + 250 & 856 &:= 2^0 + 7^3 + 22^2 + 27^0 + 27^1 = 20 + 73 + 222 + 270 + 271 \\ 856 &:= 10^1 + 10^2 + 16^1 + 22^0 + 27^2 = 101 + 102 + 161 + 220 + 272 & 856 &:= 2^1 + 10^2 + 22^0 + 24^1 + 27^2 = 21 + 102 + 220 + 241 + 272 \\ 856 &:= 10^1 + 12^0 + 12^2 + 25^1 + 26^2 = 101 + 120 + 122 + 251 + 262 & 856 &:= 2^1 + 16^2 + 21^1 + 22^0 + 24^2 = 21 + 162 + 211 + 220 + 242 \\ 856 &:= 10^1 + 12^0 + 14^2 + 24^1 + 25^2 = 101 + 120 + 142 + 241 + 252 & 856 &:= 2^2 + 11^2 + 18^0 + 27^0 + 27^2 = 22 + 112 + 180 + 270 + 272 \\ 856 &:= 10^1 + 13^1 + 16^2 + 22^0 + 24^2 = 101 + 131 + 162 + 220 + 242 & 856 &:= 2^2 + 11^2 + 19^0 + 26^0 + 27^2 = 22 + 112 + 190 + 260 + 272 \\ 856 &:= 10^2 + 11^0 + 15^2 + 23^2 + 26^0 = 102 + 110 + 152 + 232 + 260 & 856 &:= 2^2 + 11^2 + 20^0 + 25^0 + 27^2 = 22 + 112 + 200 + 250 + 272 \\ 856 &:= 10^2 + 11^1 + 15^1 + 22^0 + 27^2 = 102 + 111 + 151 + 220 + 272 & 856 &:= 2^2 + 11^2 + 21^0 + 24^0 + 27^2 = 22 + 112 + 210 + 240 + 272 \\ 856 &:= 10^2 + 12^0 + 15^2 + 23^2 + 25^0 = 102 + 120 + 152 + 232 + 250 & 856 &:= 2^2 + 11^2 + 22^0 + 23^0 + 27^2 = 22 + 112 + 220 + 230 + 272 \\ 856 &:= 10^2 + 12^1 + 14^1 + 22^0 + 27^2 = 102 + 121 + 141 + 220 + 272 & 856 &:= 2^2 + 15^2 + 16^0 + 25^2 + 27^0 = 22 + 152 + 160 + 252 + 270 \\ 856 &:= 10^2 + 13^0 + 15^2 + 23^2 + 24^0 = 102 + 130 + 152 + 232 + 240 & 856 &:= 2^2 + 15^2 + 17^0 + 25^2 + 26^0 = 22 + 152 + 170 + 252 + 260 \\ 856 &:= 10^2 + 13^1 + 13^1 + 22^0 + 27^2 = 102 + 131 + 131 + 220 + 272 & 856 &:= 2^2 + 15^2 + 18^0 + 25^0 + 25^2 = 22 + 152 + 180 + 250 + 252 \\ 856 &:= 10^2 + 14^0 + 15^2 + 23^0 + 23^2 = 102 + 140 + 152 + 230 + 232 & 856 &:= 2^2 + 15^2 + 19^0 + 24^0 + 25^2 = 22 + 152 + 190 + 240 + 252 \\ 856 &:= 10^2 + 15^0 + 15^2 + 22^0 + 23^2 = 102 + 150 + 152 + 220 + 232 & 856 &:= 2^2 + 15^2 + 20^0 + 23^0 + 25^2 = 22 + 152 + 200 + 230 + 252 \\ 856 &:= 10^2 + 15^2 + 16^0 + 21^0 + 23^2 = 102 + 152 + 160 + 210 + 232 & 856 &:= 2^2 + 15^2 + 21^0 + 22^0 + 25^2 = 22 + 152 + 210 + 220 + 252 \\ 856 &:= 10^2 + 15^2 + 17^0 + 20^0 + 23^2 = 102 + 152 + 170 + 200 + 232 & 856 &:= 3^0 + 7^3 + 22^2 + 26^0 + 27^1 = 30 + 73 + 222 + 260 + 271 \\ 856 &:= 10^2 + 15^2 + 18^0 + 19^0 + 23^2 = 102 + 152 + 180 + 190 + 232 & 856 &:= 3^1 + 10^2 + 22^0 + 23^1 + 27^2 = 31 + 102 + 220 + 231 + 272 \\ 856 &:= 11^0 + 13^2 + 18^2 + 19^2 + 24^0 = 110 + 132 + 182 + 192 + 240 & 856 &:= 3^1 + 16^2 + 20^1 + 22^0 + 24^2 = 31 + 162 + 201 + 220 + 242 \\ 856 &:= 11^1 + 12^0 + 12^2 + 24^1 + 26^2 = 111 + 120 + 122 + 241 + 262 & 856 &:= 3^2 + 13^2 + 16^0 + 26^2 + 27^0 = 32 + 132 + 160 + 262 + 270 \\ 856 &:= 11^1 + 12^0 + 14^2 + 23^1 + 25^2 = 111 + 120 + 142 + 231 + 252 & 856 &:= 3^2 + 13^2 + 17^0 + 26^0 + 26^2 = 32 + 132 + 170 + 260 + 262 \\ 856 &:= 11^1 + 12^1 + 16^2 + 22^0 + 24^2 = 111 + 121 + 162 + 220 + 242 & 856 &:= 3^2 + 13^2 + 18^0 + 25^0 + 26^2 = 32 + 132 + 180 + 250 + 262 \\ 856 &:= 12^0 + 12^1 + 12^2 + 23^1 + 26^2 = 120 + 121 + 122 + 231 + 262 & 856 &:= 3^2 + 13^2 + 19^0 + 24^0 + 26^2 = 32 + 132 + 190 + 240 + 262 \\ 856 &:= 12^0 + 12^1 + 14^2 + 22^1 + 25^2 = 120 + 121 + 142 + 221 + 252 & 856 &:= 3^2 + 13^2 + 20^0 + 23^0 + 26^2 = 32 + 132 + 200 + 230 + 262 \\ 856 &:= 12^0 + 12^2 + 13^1 + 22^1 + 26^2 = 120 + 122 + 131 + 221 + 262 & 856 &:= 3^2 + 13^2 + 21^0 + 22^0 + 26^2 = 32 + 132 + 210 + 220 + 262 \\ 856 &:= 12^0 + 12^2 + 14^1 + 21^1 + 26^2 = 120 + 122 + 141 + 211 + 262 & 856 &:= 3^2 + 14^0 + 19^2 + 22^2 + 27^0 = 32 + 140 + 192 + 222 + 270 \\ 856 &:= 12^0 + 12^2 + 15^1 + 20^1 + 26^2 = 120 + 122 + 151 + 201 + 262 & 856 &:= 3^2 + 15^0 + 19^2 + 22^2 + 26^0 = 32 + 150 + 192 + 222 + 260 \\ 856 &:= 12^0 + 12^2 + 16^1 + 19^1 + 26^2 = 120 + 122 + 161 + 191 + 262 & 856 &:= 3^2 + 16^0 + 19^2 + 22^2 + 25^0 = 32 + 160 + 192 + 222 + 250 \\ 856 &:= 12^0 + 12^2 + 17^1 + 18^1 + 26^2 = 120 + 122 + 171 + 181 + 262 & 856 &:= 3^2 + 17^0 + 19^2 + 22^2 + 24^0 = 32 + 170 + 192 + 222 + 240 \\ 856 &:= 12^0 + 13^1 + 14^2 + 21^1 + 25^2 = 120 + 131 + 142 + 211 + 252 & 856 &:= 3^2 + 18^0 + 19^2 + 22^2 + 23^0 = 32 + 180 + 192 + 222 + 230 \\ 856 &:= 12^0 + 13^2 + 18^2 + 19^2 + 23^0 = 120 + 132 + 182 + 192 + 230 & 856 &:= 3^2 + 19^0 + 19^2 + 22^0 + 22^2 = 32 + 190 + 192 + 220 + 222 \end{aligned}$$

$$\begin{aligned} 856 &:= 3^2 + 19^2 + 20^0 + 21^0 + 22^2 = 32 + 192 + 200 + 210 + 222 & 856 &:= 7^1 + 12^0 + 14^2 + 25^2 + 27^1 = 71 + 120 + 142 + 252 + 271 \\ 856 &:= 4^0 + 7^3 + 22^2 + 25^0 + 27^1 = 40 + 73 + 222 + 250 + 271 & 856 &:= 7^1 + 16^1 + 16^2 + 22^0 + 24^2 = 71 + 161 + 162 + 220 + 242 \\ 856 &:= 4^0 + 9^2 + 18^1 + 27^1 + 27^2 = 40 + 92 + 181 + 271 + 272 & 856 &:= 7^3 + 10^0 + 19^0 + 22^2 + 27^1 = 73 + 100 + 190 + 222 + 271 \\ 856 &:= 4^0 + 9^2 + 19^1 + 26^1 + 27^2 = 40 + 92 + 191 + 261 + 272 & 856 &:= 7^3 + 11^0 + 18^0 + 22^2 + 27^1 = 73 + 110 + 180 + 222 + 271 \\ 856 &:= 4^0 + 9^2 + 20^1 + 25^1 + 27^2 = 40 + 92 + 201 + 251 + 272 & 856 &:= 7^3 + 12^0 + 17^0 + 22^2 + 27^1 = 73 + 120 + 170 + 222 + 271 \\ 856 &:= 4^0 + 9^2 + 21^1 + 24^1 + 27^2 = 40 + 92 + 211 + 241 + 272 & 856 &:= 7^3 + 13^0 + 16^0 + 22^2 + 27^1 = 73 + 130 + 160 + 222 + 271 \\ 856 &:= 4^0 + 9^2 + 22^1 + 23^1 + 27^2 = 40 + 92 + 221 + 231 + 272 & 856 &:= 7^3 + 14^0 + 15^0 + 22^2 + 27^1 = 73 + 140 + 150 + 222 + 271 \\ 856 &:= 4^1 + 10^2 + 22^0 + 22^1 + 27^2 = 41 + 102 + 220 + 221 + 272 & 856 &:= 7^3 + 8^0 + 21^0 + 22^2 + 27^1 = 73 + 80 + 210 + 222 + 271 \\ 856 &:= 4^1 + 16^2 + 19^1 + 22^0 + 24^2 = 41 + 162 + 191 + 220 + 242 & 856 &:= 7^3 + 9^0 + 20^0 + 22^2 + 27^1 = 73 + 90 + 200 + 222 + 271 \\ 856 &:= 5^0 + 7^3 + 22^2 + 24^0 + 27^1 = 50 + 73 + 222 + 240 + 271 & 856 &:= 8^0 + 10^1 + 17^2 + 23^2 + 27^1 = 80 + 101 + 172 + 232 + 271 \\ 856 &:= 5^1 + 10^2 + 21^1 + 22^0 + 27^2 = 51 + 102 + 211 + 220 + 272 & 856 &:= 8^0 + 11^1 + 17^2 + 23^2 + 26^1 = 80 + 111 + 172 + 232 + 261 \\ 856 &:= 5^1 + 16^2 + 18^1 + 22^0 + 24^2 = 51 + 162 + 181 + 220 + 242 & 856 &:= 8^0 + 12^1 + 17^2 + 23^2 + 25^1 = 80 + 121 + 172 + 232 + 251 \\ 856 &:= 5^2 + 10^2 + 16^0 + 27^0 + 27^2 = 52 + 102 + 160 + 270 + 272 & 856 &:= 8^0 + 13^1 + 17^2 + 23^2 + 24^1 = 80 + 131 + 172 + 232 + 241 \\ 856 &:= 5^2 + 10^2 + 17^0 + 26^0 + 27^2 = 52 + 102 + 170 + 260 + 272 & 856 &:= 8^0 + 13^2 + 18^2 + 19^2 + 27^0 = 80 + 132 + 182 + 192 + 270 \\ 856 &:= 5^2 + 10^2 + 18^0 + 25^0 + 27^2 = 52 + 102 + 180 + 250 + 272 & 856 &:= 8^0 + 14^1 + 17^2 + 23^1 + 23^2 = 80 + 141 + 172 + 231 + 232 \\ 856 &:= 5^2 + 10^2 + 19^0 + 24^0 + 27^2 = 52 + 102 + 190 + 240 + 272 & 856 &:= 8^0 + 15^1 + 17^2 + 22^1 + 23^2 = 80 + 151 + 172 + 221 + 232 \\ 856 &:= 5^2 + 10^2 + 20^0 + 23^0 + 27^2 = 52 + 102 + 200 + 230 + 272 & 856 &:= 8^0 + 16^1 + 17^2 + 21^1 + 23^2 = 80 + 161 + 172 + 211 + 232 \\ 856 &:= 5^2 + 10^2 + 21^0 + 22^0 + 27^2 = 52 + 102 + 210 + 220 + 272 & 856 &:= 8^0 + 17^1 + 17^2 + 20^1 + 23^2 = 80 + 171 + 172 + 201 + 232 \\ 856 &:= 6^0 + 7^3 + 22^2 + 23^0 + 27^1 = 60 + 73 + 222 + 230 + 271 & 856 &:= 8^0 + 17^2 + 18^1 + 19^1 + 23^2 = 80 + 172 + 181 + 191 + 232 \\ 856 &:= 6^1 + 10^2 + 20^1 + 22^0 + 27^2 = 61 + 102 + 201 + 220 + 272 & 856 &:= 8^1 + 10^2 + 18^1 + 22^0 + 27^2 = 81 + 102 + 181 + 220 + 272 \\ 856 &:= 6^1 + 16^2 + 17^1 + 22^0 + 24^2 = 61 + 162 + 171 + 220 + 242 & 856 &:= 8^1 + 12^0 + 12^2 + 26^2 + 27^1 = 81 + 120 + 122 + 262 + 271 \\ 856 &:= 6^2 + 12^0 + 17^2 + 23^2 + 27^0 = 62 + 120 + 172 + 232 + 270 & 856 &:= 8^1 + 12^0 + 14^2 + 25^2 + 26^1 = 81 + 120 + 142 + 252 + 261 \\ 856 &:= 6^2 + 13^0 + 17^2 + 23^2 + 26^0 = 62 + 130 + 172 + 232 + 260 & 856 &:= 8^1 + 15^1 + 16^2 + 22^0 + 24^2 = 81 + 151 + 162 + 220 + 242 \\ 856 &:= 6^2 + 14^0 + 17^2 + 23^2 + 25^0 = 62 + 140 + 172 + 232 + 250 & 856 &:= 8^3 + 14^0 + 18^1 + 18^2 + 27^0 = 83 + 140 + 181 + 182 + 270 \\ 856 &:= 6^2 + 15^0 + 17^2 + 23^2 + 24^0 = 62 + 150 + 172 + 232 + 240 & 856 &:= 8^3 + 15^0 + 18^1 + 18^2 + 26^0 = 83 + 150 + 181 + 182 + 260 \\ 856 &:= 6^2 + 16^0 + 17^2 + 23^0 + 23^2 = 62 + 160 + 172 + 230 + 232 & 856 &:= 8^3 + 16^0 + 18^1 + 18^2 + 25^0 = 83 + 160 + 181 + 182 + 250 \\ 856 &:= 6^2 + 17^0 + 17^2 + 22^0 + 23^2 = 62 + 170 + 172 + 220 + 232 & 856 &:= 8^3 + 17^0 + 18^1 + 18^2 + 24^0 = 83 + 170 + 181 + 182 + 240 \\ 856 &:= 6^2 + 17^2 + 18^0 + 21^0 + 23^2 = 62 + 172 + 180 + 210 + 232 & 856 &:= 8^3 + 18^0 + 18^1 + 18^2 + 23^0 = 83 + 180 + 181 + 182 + 230 \\ 856 &:= 6^2 + 17^2 + 19^0 + 20^0 + 23^2 = 62 + 172 + 190 + 200 + 232 & 856 &:= 8^3 + 18^1 + 18^2 + 19^0 + 22^0 = 83 + 181 + 182 + 190 + 220 \\ 856 &:= 6^3 + 13^1 + 14^0 + 25^2 + 27^0 = 63 + 131 + 140 + 252 + 270 & 856 &:= 8^3 + 18^1 + 18^2 + 20^0 + 21^0 = 83 + 181 + 182 + 200 + 210 \\ 856 &:= 6^3 + 13^1 + 15^0 + 25^2 + 26^0 = 63 + 131 + 150 + 252 + 260 & 856 &:= 9^0 + 13^2 + 18^2 + 19^2 + 26^0 = 90 + 132 + 182 + 192 + 260 \\ 856 &:= 6^3 + 13^1 + 16^0 + 25^0 + 25^2 = 63 + 131 + 160 + 250 + 252 & 856 &:= 9^1 + 10^2 + 17^1 + 22^0 + 27^2 = 91 + 102 + 171 + 220 + 272 \\ 856 &:= 6^3 + 13^1 + 17^0 + 24^0 + 25^2 = 63 + 131 + 170 + 240 + 252 & 856 &:= 9^1 + 12^0 + 12^2 + 26^1 + 26^2 = 91 + 120 + 122 + 261 + 262 \\ 856 &:= 6^3 + 13^1 + 18^0 + 23^0 + 25^2 = 63 + 131 + 180 + 230 + 252 & 856 &:= 9^1 + 12^0 + 14^2 + 25^1 + 25^2 = 91 + 120 + 142 + 251 + 252 \\ 856 &:= 6^3 + 13^1 + 19^0 + 22^0 + 25^2 = 63 + 131 + 190 + 220 + 252 & 856 &:= 9^1 + 14^1 + 16^2 + 22^0 + 24^2 = 91 + 141 + 162 + 220 + 242 \\ 856 &:= 6^3 + 13^1 + 20^0 + 21^0 + 25^2 = 63 + 131 + 200 + 210 + 252 & 856 &:= 9^2 + 10^0 + 17^2 + 22^2 + 27^0 = 92 + 100 + 172 + 222 + 270 \\ 856 &:= 7^0 + 7^3 + 22^0 + 22^2 + 27^1 = 70 + 73 + 220 + 222 + 271 & 856 &:= 9^2 + 11^0 + 17^2 + 22^2 + 26^0 = 92 + 110 + 172 + 222 + 260 \\ 856 &:= 7^1 + 10^2 + 19^1 + 22^0 + 27^2 = 71 + 102 + 191 + 220 + 272 & 856 &:= 9^2 + 12^0 + 17^2 + 22^2 + 25^0 = 92 + 120 + 172 + 222 + 250 \end{aligned}$$

$$\begin{aligned}
 856 &:= 9^2 + 13^0 + 17^2 + 22^2 + 24^0 = 92 + 130 + 172 + 222 + 240 \\
 856 &:= 9^2 + 14^0 + 17^2 + 22^2 + 23^0 = 92 + 140 + 172 + 222 + 230 \\
 856 &:= 9^2 + 15^0 + 17^2 + 22^0 + 22^2 = 92 + 150 + 172 + 220 + 222 \\
 856 &:= 9^2 + 16^0 + 17^2 + 21^0 + 22^2 = 92 + 160 + 172 + 210 + 222 \\
 856 &:= 9^2 + 17^0 + 17^2 + 20^0 + 22^2 = 92 + 170 + 172 + 200 + 222 \\
 856 &:= 9^2 + 17^2 + 18^0 + 19^0 + 22^2 = 92 + 172 + 180 + 190 + 222 \\
 856 &:= 9^3 + 10^2 + 14^0 + 25^1 + 27^0 = 93 + 102 + 140 + 251 + 270
 \end{aligned}$$

$$\begin{aligned}
 856 &:= 9^3 + 10^2 + 15^0 + 25^1 + 26^0 = 93 + 102 + 150 + 251 + 260 \\
 856 &:= 9^3 + 10^2 + 16^0 + 25^0 + 25^1 = 93 + 102 + 160 + 250 + 251 \\
 856 &:= 9^3 + 10^2 + 17^0 + 24^0 + 25^1 = 93 + 102 + 170 + 240 + 251 \\
 856 &:= 9^3 + 10^2 + 18^0 + 23^0 + 25^1 = 93 + 102 + 180 + 230 + 251 \\
 856 &:= 9^3 + 10^2 + 19^0 + 22^0 + 25^1 = 93 + 102 + 190 + 220 + 251 \\
 856 &:= 9^3 + 10^2 + 20^0 + 21^0 + 25^1 = 93 + 102 + 200 + 210 + 251
 \end{aligned}$$

2.2.758 Number 857

$$\begin{aligned}
 857 &:= 1^1 + 7^3 + 8^3 + 69^0 = 11 + 73 + 83 + 690 \\
 857 &:= 1^4 + 14^1 + 29^2 + 41^0 = 14 + 141 + 292 + 410 \\
 857 &:= 1^5 + 2^9 + 7^3 + 74^0 = 15 + 29 + 73 + 740 \\
 857 &:= 11^2 + 11^2 + 24^2 + 39^1 = 112 + 112 + 242 + 391 \\
 857 &:= 11^2 + 13^2 + 23^2 + 38^1 = 112 + 132 + 232 + 381 \\
 857 &:= 14^2 + 15^2 + 20^2 + 36^1 = 142 + 152 + 202 + 361 \\
 857 &:= 2^1 + 5^3 + 9^3 + 69^0 = 21 + 53 + 93 + 690 \\
 857 &:= 2^3 + 8^2 + 28^2 + 47^0 = 23 + 82 + 282 + 470 \\
 857 &:= 3^3 + 10^2 + 27^2 + 45^0 = 33 + 102 + 272 + 450 \\
 857 &:= 3^4 + 9^0 + 27^2 + 46^1 = 34 + 90 + 272 + 461 \\
 857 &:= 4^2 + 11^2 + 26^2 + 44^1 = 42 + 112 + 262 + 441 \\
 857 &:= 4^2 + 20^2 + 20^2 + 41^1 = 42 + 202 + 202 + 411 \\
 857 &:= 4^3 + 9^0 + 9^3 + 63^1 = 43 + 90 + 93 + 631 \\
 857 &:= 4^4 + 24^1 + 24^2 + 33^0 = 44 + 241 + 242 + 330 \\
 857 &:= 5^0 + 5^4 + 13^2 + 62^1 = 50 + 54 + 132 + 621 \\
 857 &:= 5^4 + 14^2 + 31^0 + 35^1 = 54 + 142 + 310 + 351 \\
 857 &:= 5^4 + 6^1 + 15^2 + 59^0 = 54 + 61 + 152 + 590 \\
 857 &:= 6^3 + 8^2 + 24^2 + 47^0 = 63 + 82 + 242 + 470 \\
 857 &:= 8^2 + 15^2 + 23^2 + 39^1 = 82 + 152 + 232 + 391 \\
 857 &:= 1^2 + 10^2 + 21^0 + 26^1 + 27^2 = 12 + 102 + 210 + 261 + 272 \\
 857 &:= 1^2 + 16^2 + 21^0 + 23^1 + 24^2 = 12 + 162 + 210 + 231 + 242 \\
 857 &:= 1^2 + 5^3 + 25^0 + 27^0 + 27^2 = 12 + 53 + 250 + 270 + 272 \\
 857 &:= 1^2 + 5^3 + 26^0 + 26^0 + 27^2 = 12 + 53 + 260 + 260 + 272 \\
 857 &:= 10^1 + 11^2 + 14^2 + 23^2 + 27^0 = 101 + 112 + 142 + 232 + 270 \\
 857 &:= 10^1 + 14^2 + 17^2 + 19^2 + 25^0 = 101 + 142 + 172 + 192 + 250 \\
 857 &:= 10^2 + 11^0 + 17^2 + 21^2 + 26^1 = 102 + 110 + 172 + 212 + 261 \\
 857 &:= 10^2 + 11^1 + 13^2 + 24^2 + 27^0 = 102 + 111 + 132 + 242 + 270 \\
 857 &:= 10^2 + 16^1 + 16^2 + 21^0 + 22^2 = 102 + 161 + 162 + 210 + 222
 \end{aligned}$$

$$\begin{aligned}
 857 &:= 11^0 + 11^2 + 15^2 + 22^2 + 26^1 = 110 + 112 + 152 + 222 + 261 \\
 857 &:= 11^1 + 11^2 + 18^2 + 20^2 + 25^0 = 111 + 112 + 182 + 202 + 250 \\
 857 &:= 11^2 + 12^2 + 15^1 + 23^0 + 24^2 = 112 + 122 + 151 + 230 + 242 \\
 857 &:= 11^2 + 13^1 + 19^2 + 19^2 + 23^0 = 112 + 131 + 192 + 192 + 230 \\
 857 &:= 12^1 + 14^2 + 18^2 + 18^2 + 23^0 = 121 + 142 + 182 + 182 + 230 \\
 857 &:= 12^2 + 13^0 + 17^2 + 20^2 + 23^1 = 122 + 130 + 172 + 202 + 231 \\
 857 &:= 12^2 + 13^2 + 14^1 + 23^0 + 23^2 = 122 + 132 + 141 + 230 + 232 \\
 857 &:= 12^2 + 15^1 + 16^2 + 21^0 + 21^2 = 122 + 151 + 162 + 210 + 212 \\
 857 &:= 13^0 + 14^2 + 14^2 + 21^2 + 23^1 = 130 + 142 + 142 + 212 + 231 \\
 857 &:= 13^0 + 16^2 + 17^2 + 17^2 + 22^1 = 130 + 162 + 172 + 172 + 221 \\
 857 &:= 13^2 + 15^0 + 15^2 + 21^1 + 21^2 = 132 + 150 + 152 + 211 + 212 \\
 857 &:= 14^1 + 15^2 + 16^2 + 19^2 + 21^0 = 141 + 152 + 162 + 192 + 210 \\
 857 &:= 15^0 + 16^2 + 16^2 + 18^2 + 20^1 = 150 + 162 + 162 + 182 + 201 \\
 857 &:= 15^2 + 17^0 + 17^2 + 18^1 + 18^2 = 152 + 170 + 172 + 181 + 182 \\
 857 &:= 2^1 + 7^3 + 22^2 + 27^0 + 27^1 = 21 + 73 + 222 + 270 + 271 \\
 857 &:= 2^2 + 10^2 + 23^0 + 23^1 + 27^2 = 22 + 102 + 230 + 231 + 272 \\
 857 &:= 2^2 + 16^2 + 20^1 + 23^0 + 24^2 = 22 + 162 + 201 + 230 + 242 \\
 857 &:= 3^1 + 7^3 + 22^2 + 26^1 + 27^0 = 31 + 73 + 222 + 261 + 270 \\
 857 &:= 3^2 + 10^2 + 18^1 + 27^0 + 27^2 = 32 + 102 + 181 + 270 + 272 \\
 857 &:= 3^2 + 12^2 + 17^0 + 26^2 + 27^1 = 32 + 122 + 170 + 262 + 271 \\
 857 &:= 3^2 + 14^2 + 17^0 + 25^2 + 26^1 = 32 + 142 + 170 + 252 + 261 \\
 857 &:= 3^2 + 15^1 + 16^2 + 24^2 + 27^0 = 32 + 151 + 162 + 242 + 270 \\
 857 &:= 4^1 + 7^3 + 22^2 + 25^1 + 27^0 = 41 + 73 + 222 + 251 + 270 \\
 857 &:= 4^2 + 12^2 + 20^1 + 23^0 + 26^2 = 42 + 122 + 201 + 230 + 262 \\
 857 &:= 4^2 + 14^2 + 19^1 + 23^0 + 25^2 = 42 + 142 + 191 + 230 + 252 \\
 857 &:= 4^2 + 17^2 + 19^0 + 22^1 + 23^2 = 42 + 172 + 190 + 221 + 232 \\
 857 &:= 4^4 + 10^0 + 23^1 + 24^0 + 24^2 = 44 + 100 + 231 + 240 + 242 \\
 857 &:= 4^4 + 11^0 + 23^0 + 23^1 + 24^2 = 44 + 110 + 230 + 231 + 242
 \end{aligned}$$

$857 := 4^4 + 12^0 + 22^0 + 23^1 + 24^2 = 44 + 120 + 220 + 231 + 242$	$857 := 7^2 + 16^2 + 17^0 + 22^1 + 23^2 = 72 + 162 + 170 + 221 + 232$
$857 := 4^4 + 13^0 + 21^0 + 23^1 + 24^2 = 44 + 130 + 210 + 231 + 242$	$857 := 7^3 + 10^1 + 19^1 + 22^2 + 27^0 = 73 + 101 + 191 + 222 + 270$
$857 := 4^4 + 14^0 + 20^0 + 23^1 + 24^2 = 44 + 140 + 200 + 231 + 242$	$857 := 7^3 + 11^1 + 18^1 + 22^2 + 27^0 = 73 + 111 + 181 + 222 + 270$
$857 := 4^4 + 15^0 + 19^0 + 23^1 + 24^2 = 44 + 150 + 190 + 231 + 242$	$857 := 7^3 + 12^1 + 17^1 + 22^2 + 27^0 = 73 + 121 + 171 + 222 + 270$
$857 := 4^4 + 16^0 + 18^0 + 23^1 + 24^2 = 44 + 160 + 180 + 231 + 242$	$857 := 7^3 + 13^1 + 16^1 + 22^2 + 27^0 = 73 + 131 + 161 + 222 + 270$
$857 := 4^4 + 17^0 + 17^0 + 23^1 + 24^2 = 44 + 170 + 170 + 231 + 242$	$857 := 7^3 + 14^1 + 15^1 + 22^2 + 27^0 = 73 + 141 + 151 + 222 + 270$
$857 := 4^4 + 7^0 + 23^1 + 24^2 + 27^0 = 44 + 70 + 231 + 242 + 270$	$857 := 7^3 + 16^2 + 16^2 + 19^0 + 27^0 = 73 + 162 + 162 + 190 + 270$
$857 := 4^4 + 8^0 + 23^1 + 24^2 + 26^0 = 44 + 80 + 231 + 242 + 260$	$857 := 7^3 + 16^2 + 16^2 + 20^0 + 26^0 = 73 + 162 + 162 + 200 + 260$
$857 := 4^4 + 9^0 + 23^1 + 24^2 + 25^0 = 44 + 90 + 231 + 242 + 250$	$857 := 7^3 + 16^2 + 16^2 + 21^0 + 25^0 = 73 + 162 + 162 + 210 + 250$
$857 := 5^1 + 7^3 + 22^2 + 24^1 + 27^0 = 51 + 73 + 222 + 241 + 270$	$857 := 7^3 + 16^2 + 16^2 + 22^0 + 24^0 = 73 + 162 + 162 + 220 + 240$
$857 := 5^2 + 13^1 + 17^2 + 23^2 + 27^0 = 52 + 131 + 172 + 232 + 270$	$857 := 7^3 + 16^2 + 16^2 + 23^0 + 23^0 = 73 + 162 + 162 + 230 + 230$
$857 := 5^2 + 17^0 + 18^2 + 22^2 + 23^1 = 52 + 170 + 182 + 222 + 231$	$857 := 7^3 + 8^1 + 21^1 + 22^2 + 27^0 = 73 + 81 + 211 + 222 + 270$
$857 := 5^2 + 9^2 + 21^1 + 23^0 + 27^2 = 52 + 92 + 211 + 230 + 272$	$857 := 7^3 + 9^1 + 20^1 + 22^2 + 27^0 = 73 + 91 + 201 + 222 + 270$
$857 := 5^3 + 15^0 + 17^2 + 21^2 + 27^0 = 53 + 150 + 172 + 212 + 270$	$857 := 8^2 + 10^2 + 16^1 + 25^0 + 26^2 = 82 + 102 + 161 + 250 + 262$
$857 := 5^3 + 16^0 + 17^2 + 21^2 + 26^0 = 53 + 160 + 172 + 212 + 260$	$857 := 8^2 + 11^0 + 18^2 + 21^2 + 27^1 = 82 + 110 + 182 + 212 + 271$
$857 := 5^3 + 17^0 + 17^2 + 21^2 + 25^0 = 53 + 170 + 172 + 212 + 250$	$857 := 8^2 + 12^2 + 17^0 + 23^1 + 25^2 = 82 + 122 + 170 + 231 + 252$
$857 := 5^3 + 17^2 + 18^0 + 21^2 + 24^0 = 53 + 172 + 180 + 212 + 240$	$857 := 8^2 + 14^2 + 19^0 + 20^1 + 24^2 = 82 + 142 + 190 + 201 + 242$
$857 := 5^3 + 17^2 + 19^0 + 21^2 + 23^0 = 53 + 172 + 190 + 212 + 230$	$857 := 8^2 + 17^2 + 19^0 + 19^1 + 22^2 = 82 + 172 + 190 + 191 + 222$
$857 := 5^3 + 17^2 + 20^0 + 21^2 + 22^0 = 53 + 172 + 200 + 212 + 220$	$857 := 9^0 + 12^2 + 18^2 + 19^2 + 27^1 = 90 + 122 + 182 + 192 + 271$
$857 := 5^3 + 17^2 + 21^0 + 21^0 + 21^2 = 53 + 172 + 210 + 210 + 212$	$857 := 9^2 + 10^1 + 18^2 + 21^2 + 27^0 = 92 + 101 + 182 + 212 + 270$
$857 := 6^1 + 7^3 + 22^2 + 23^1 + 27^0 = 61 + 73 + 222 + 231 + 270$	$857 := 9^2 + 14^1 + 19^2 + 20^2 + 23^0 = 92 + 141 + 192 + 202 + 230$
$857 := 6^2 + 11^2 + 19^0 + 23^1 + 26^2 = 62 + 112 + 190 + 231 + 262$	$857 := 9^2 + 15^2 + 17^0 + 21^1 + 23^2 = 92 + 152 + 170 + 211 + 232$
$857 := 6^2 + 12^1 + 18^2 + 22^2 + 27^0 = 62 + 121 + 182 + 222 + 270$	$857 := 9^2 + 9^2 + 18^1 + 23^0 + 26^2 = 92 + 92 + 181 + 230 + 262$
$857 := 6^2 + 13^2 + 15^0 + 25^2 + 26^1 = 62 + 132 + 150 + 252 + 261$	$857 := 9^2 + 9^3 + 19^1 + 21^0 + 27^1 = 92 + 93 + 191 + 210 + 271$
$857 := 6^2 + 15^2 + 19^1 + 21^0 + 24^2 = 62 + 152 + 191 + 210 + 242$	$857 := 9^2 + 9^3 + 20^1 + 21^0 + 26^1 = 92 + 93 + 201 + 210 + 261$
$857 := 6^2 + 18^1 + 19^2 + 21^0 + 21^2 = 62 + 181 + 192 + 210 + 212$	$857 := 9^2 + 9^3 + 21^0 + 21^1 + 25^1 = 92 + 93 + 210 + 211 + 251$
$857 := 6^2 + 19^0 + 20^1 + 20^2 + 20^2 = 62 + 190 + 201 + 202 + 202$	$857 := 9^2 + 9^3 + 21^0 + 22^1 + 24^1 = 92 + 93 + 210 + 221 + 241$
$857 := 6^2 + 8^2 + 17^0 + 27^1 + 27^2 = 62 + 82 + 170 + 271 + 272$	$857 := 9^2 + 9^3 + 21^0 + 23^1 + 23^1 = 92 + 93 + 210 + 231 + 231$
$857 := 7^1 + 7^3 + 22^1 + 22^2 + 27^0 = 71 + 73 + 221 + 222 + 270$	
$857 := 7^2 + 13^1 + 13^2 + 25^2 + 27^0 = 72 + 131 + 132 + 252 + 270$	

2.2.759 Number 858

$858 := 1^5 + 15^1 + 29^2 + 40^0 = 15 + 151 + 292 + 400$	$858 := 3^4 + 10^2 + 26^2 + 46^0 = 34 + 102 + 262 + 460$
$858 := 2^3 + 2^3 + 29^2 + 52^0 = 23 + 23 + 292 + 520$	$858 := 3^4 + 9^3 + 26^0 + 47^1 = 34 + 93 + 260 + 471$
$858 := 2^4 + 20^2 + 21^2 + 42^0 = 24 + 202 + 212 + 420$	$858 := 3^5 + 20^0 + 24^2 + 38^1 = 35 + 200 + 242 + 381$
$858 := 2^5 + 14^0 + 28^2 + 41^1 = 25 + 140 + 282 + 411$	$858 := 4^3 + 4^3 + 27^2 + 50^0 = 43 + 43 + 272 + 500$
$858 := 2^6 + 2^6 + 3^6 + 77^0 = 26 + 26 + 36 + 770$	$858 := 4^3 + 8^2 + 9^3 + 64^0 = 43 + 82 + 93 + 640$
$858 := 2^9 + 3^3 + 3^5 + 76^1 = 29 + 33 + 35 + 761$	$858 := 4^4 + 5^2 + 24^2 + 52^0 = 44 + 52 + 242 + 520$

$$\begin{aligned}
 858 &:= 5^4 + 6^2 + 14^2 + 60^0 &= 54 + 62 + 142 + 600 \\
 858 &:= 5^4 + 6^3 + 16^1 + 58^0 &= 54 + 63 + 161 + 580 \\
 858 &:= 1^3 + 10^2 + 20^0 + 27^1 + 27^2 &= 13 + 102 + 200 + 271 + 272 \\
 858 &:= 1^3 + 16^2 + 20^0 + 24^1 + 24^2 &= 13 + 162 + 200 + 241 + 242 \\
 858 &:= 2^3 + 10^2 + 20^1 + 26^0 + 27^2 &= 23 + 102 + 201 + 260 + 272 \\
 858 &:= 2^3 + 16^2 + 17^1 + 24^2 + 26^0 &= 23 + 162 + 171 + 242 + 260 \\
 858 &:= 3^3 + 18^2 + 20^0 + 22^1 + 22^2 &= 33 + 182 + 200 + 221 + 222 \\
 858 &:= 3^3 + 9^2 + 20^1 + 26^0 + 27^2 &= 33 + 92 + 201 + 260 + 272 \\
 858 &:= 3^4 + 8^0 + 20^1 + 27^1 + 27^2 &= 34 + 80 + 201 + 271 + 272 \\
 858 &:= 3^4 + 8^0 + 21^1 + 26^1 + 27^2 &= 34 + 80 + 211 + 261 + 272 \\
 858 &:= 3^4 + 8^0 + 22^1 + 25^1 + 27^2 &= 34 + 80 + 221 + 251 + 272 \\
 858 &:= 3^4 + 8^0 + 23^1 + 24^1 + 27^2 &= 34 + 80 + 231 + 241 + 272
 \end{aligned}$$

$$\begin{aligned}
 858 &:= 4^3 + 12^2 + 20^0 + 24^1 + 25^2 &= 43 + 122 + 200 + 241 + 252 \\
 858 &:= 4^3 + 14^2 + 21^1 + 22^0 + 24^2 &= 43 + 142 + 211 + 220 + 242 \\
 858 &:= 4^3 + 17^2 + 20^1 + 22^0 + 22^2 &= 43 + 172 + 201 + 220 + 222 \\
 858 &:= 4^3 + 6^3 + 24^0 + 24^2 + 27^0 &= 43 + 63 + 240 + 242 + 270 \\
 858 &:= 4^3 + 6^3 + 24^2 + 25^0 + 26^0 &= 43 + 63 + 242 + 250 + 260 \\
 858 &:= 5^3 + 15^2 + 20^0 + 22^2 + 23^1 &= 53 + 152 + 200 + 222 + 231 \\
 858 &:= 5^3 + 9^2 + 20^0 + 25^2 + 26^1 &= 53 + 92 + 200 + 252 + 261 \\
 858 &:= 6^3 + 16^2 + 19^2 + 20^0 + 24^1 &= 63 + 162 + 192 + 200 + 241 \\
 858 &:= 7^2 + 7^3 + 21^2 + 24^1 + 26^0 &= 72 + 73 + 212 + 241 + 260 \\
 858 &:= 7^3 + 13^2 + 18^2 + 21^1 + 26^0 &= 73 + 132 + 182 + 211 + 260
 \end{aligned}$$

2.2.760 Number 859

$$\begin{aligned}
 859 &:= 1^0 + 2^7 + 27^2 + 55^0 &= 10 + 27 + 272 + 550 \\
 859 &:= 1^3 + 2^4 + 29^2 + 53^0 &= 13 + 24 + 292 + 530 \\
 859 &:= 1^4 + 9^2 + 27^2 + 48^1 &= 14 + 92 + 272 + 481 \\
 859 &:= 1^5 + 4^2 + 29^2 + 51^0 &= 15 + 42 + 292 + 510 \\
 859 &:= 1^6 + 16^1 + 29^2 + 39^0 &= 16 + 161 + 292 + 390 \\
 859 &:= 1^6 + 2^7 + 3^6 + 78^0 &= 16 + 27 + 36 + 780 \\
 859 &:= 1^9 + 2^7 + 9^3 + 72^0 &= 19 + 27 + 93 + 720 \\
 859 &:= 2^0 + 2^7 + 27^2 + 54^0 &= 20 + 27 + 272 + 540 \\
 859 &:= 2^3 + 5^4 + 15^2 + 63^0 &= 23 + 54 + 152 + 630 \\
 859 &:= 2^4 + 11^2 + 26^2 + 46^1 &= 24 + 112 + 262 + 461 \\
 859 &:= 2^4 + 20^2 + 20^2 + 43^1 &= 24 + 202 + 202 + 431 \\
 859 &:= 2^6 + 10^1 + 28^2 + 45^0 &= 26 + 101 + 282 + 450 \\
 859 &:= 2^7 + 10^0 + 27^2 + 46^0 &= 27 + 100 + 272 + 460 \\
 859 &:= 2^7 + 11^0 + 27^2 + 45^0 &= 27 + 110 + 272 + 450 \\
 859 &:= 2^7 + 12^0 + 27^2 + 44^0 &= 27 + 120 + 272 + 440 \\
 859 &:= 2^7 + 13^0 + 27^2 + 43^0 &= 27 + 130 + 272 + 430 \\
 859 &:= 2^7 + 14^0 + 27^2 + 42^0 &= 27 + 140 + 272 + 420 \\
 859 &:= 2^7 + 15^0 + 27^2 + 41^0 &= 27 + 150 + 272 + 410 \\
 859 &:= 2^7 + 16^0 + 27^2 + 40^0 &= 27 + 160 + 272 + 400 \\
 859 &:= 2^7 + 17^0 + 27^2 + 39^0 &= 27 + 170 + 272 + 390 \\
 859 &:= 2^7 + 18^0 + 27^2 + 38^0 &= 27 + 180 + 272 + 380 \\
 859 &:= 2^7 + 19^0 + 27^2 + 37^0 &= 27 + 190 + 272 + 370 \\
 859 &:= 2^7 + 20^0 + 27^2 + 36^0 &= 27 + 200 + 272 + 360 \\
 859 &:= 2^7 + 21^0 + 27^2 + 35^0 &= 27 + 210 + 272 + 350
 \end{aligned}$$

$$\begin{aligned}
 859 &:= 2^7 + 22^0 + 27^2 + 34^0 &= 27 + 220 + 272 + 340 \\
 859 &:= 2^7 + 23^0 + 27^2 + 33^0 &= 27 + 230 + 272 + 330 \\
 859 &:= 2^7 + 24^0 + 27^2 + 32^0 &= 27 + 240 + 272 + 320 \\
 859 &:= 2^7 + 25^0 + 27^2 + 31^0 &= 27 + 250 + 272 + 310 \\
 859 &:= 2^7 + 26^0 + 27^2 + 30^0 &= 27 + 260 + 272 + 300 \\
 859 &:= 2^7 + 27^0 + 27^2 + 29^0 &= 27 + 270 + 272 + 290 \\
 859 &:= 2^7 + 27^2 + 28^0 + 28^0 &= 27 + 272 + 280 + 280 \\
 859 &:= 2^7 + 3^0 + 27^2 + 53^0 &= 27 + 30 + 272 + 530 \\
 859 &:= 2^7 + 4^0 + 27^2 + 52^0 &= 27 + 40 + 272 + 520 \\
 859 &:= 2^7 + 5^0 + 27^2 + 51^0 &= 27 + 50 + 272 + 510 \\
 859 &:= 2^7 + 6^0 + 27^2 + 50^0 &= 27 + 60 + 272 + 500 \\
 859 &:= 2^7 + 7^0 + 27^2 + 49^0 &= 27 + 70 + 272 + 490 \\
 859 &:= 2^7 + 8^0 + 27^2 + 48^0 &= 27 + 80 + 272 + 480 \\
 859 &:= 2^7 + 9^0 + 27^2 + 47^0 &= 27 + 90 + 272 + 470 \\
 859 &:= 3^3 + 6^2 + 9^3 + 67^1 &= 33 + 62 + 93 + 671 \\
 859 &:= 3^6 + 10^2 + 29^1 + 43^0 &= 36 + 102 + 291 + 430 \\
 859 &:= 3^6 + 8^1 + 11^2 + 63^0 &= 36 + 81 + 112 + 630 \\
 859 &:= 3^6 + 8^2 + 9^0 + 65^1 &= 36 + 82 + 90 + 651 \\
 859 &:= 3^6 + 9^2 + 25^0 + 48^1 &= 36 + 92 + 250 + 481 \\
 859 &:= 4^3 + 5^4 + 13^2 + 63^0 &= 43 + 54 + 132 + 630 \\
 859 &:= 4^3 + 8^3 + 15^2 + 58^1 &= 43 + 83 + 152 + 581 \\
 859 &:= 1^3 + 9^2 + 21^1 + 27^1 + 27^2 &= 13 + 92 + 211 + 271 + 272 \\
 859 &:= 1^3 + 9^2 + 22^1 + 26^1 + 27^2 &= 13 + 92 + 221 + 261 + 272 \\
 859 &:= 1^3 + 9^2 + 23^1 + 25^1 + 27^2 &= 13 + 92 + 231 + 251 + 272
 \end{aligned}$$

$$\begin{aligned}
 859 &:= 1^3 + 9^2 + 24^1 + 24^1 + 27^2 = 13 + 92 + 241 + 241 + 272 \\
 859 &:= 1^4 + 16^1 + 20^2 + 21^2 + 27^0 = 14 + 161 + 202 + 212 + 270 \\
 859 &:= 1^4 + 16^2 + 19^0 + 24^2 + 25^1 = 14 + 162 + 190 + 242 + 251 \\
 859 &:= 2^3 + 16^1 + 18^2 + 22^2 + 27^1 = 23 + 161 + 182 + 222 + 271 \\
 859 &:= 2^3 + 17^1 + 18^2 + 22^2 + 26^1 = 23 + 171 + 182 + 222 + 261 \\
 859 &:= 2^3 + 18^1 + 18^2 + 22^2 + 25^1 = 23 + 181 + 182 + 222 + 251 \\
 859 &:= 2^3 + 18^2 + 19^1 + 22^2 + 24^1 = 23 + 182 + 191 + 222 + 241 \\
 859 &:= 2^3 + 18^2 + 20^1 + 22^2 + 23^1 = 23 + 182 + 201 + 222 + 231 \\
 859 &:= 2^3 + 18^2 + 21^1 + 22^1 + 22^2 = 23 + 182 + 211 + 221 + 222 \\
 859 &:= 2^4 + 12^2 + 22^1 + 23^0 + 26^2 = 24 + 122 + 221 + 230 + 262 \\
 859 &:= 2^4 + 14^2 + 21^1 + 23^0 + 25^2 = 24 + 142 + 211 + 230 + 252 \\
 859 &:= 2^4 + 17^2 + 19^0 + 23^2 + 24^1 = 24 + 172 + 190 + 232 + 241 \\
 859 &:= 2^4 + 6^3 + 25^0 + 25^2 + 27^0 = 24 + 63 + 250 + 252 + 270 \\
 859 &:= 2^4 + 6^3 + 25^2 + 26^0 + 26^0 = 24 + 63 + 252 + 260 + 260 \\
 859 &:= 3^4 + 15^2 + 21^0 + 23^1 + 23^2 = 34 + 152 + 210 + 231 + 232 \\
 859 &:= 3^4 + 16^1 + 19^2 + 20^2 + 27^0 = 34 + 161 + 192 + 202 + 270 \\
 859 &:= 3^4 + 5^2 + 23^1 + 27^0 + 27^2 = 34 + 52 + 231 + 270 + 272 \\
 859 &:= 3^4 + 9^2 + 20^1 + 26^2 + 27^0 = 34 + 92 + 201 + 262 + 270 \\
 859 &:= 3^4 + 9^3 + 21^1 + 25^0 + 27^1 = 34 + 93 + 211 + 250 + 271 \\
 859 &:= 3^4 + 9^3 + 22^1 + 25^0 + 26^1 = 34 + 93 + 221 + 250 + 261 \\
 859 &:= 3^4 + 9^3 + 23^1 + 25^0 + 25^1 = 34 + 93 + 231 + 250 + 251 \\
 859 &:= 3^4 + 9^3 + 24^1 + 24^1 + 25^0 = 34 + 93 + 241 + 241 + 250
 \end{aligned}$$

$$\begin{aligned}
 859 &:= 3^5 + 12^1 + 19^0 + 24^2 + 27^1 = 35 + 121 + 190 + 242 + 271 \\
 859 &:= 3^5 + 13^1 + 19^0 + 24^2 + 26^1 = 35 + 131 + 190 + 242 + 261 \\
 859 &:= 3^5 + 14^1 + 19^0 + 24^2 + 25^1 = 35 + 141 + 190 + 242 + 251 \\
 859 &:= 3^5 + 15^1 + 19^0 + 24^1 + 24^2 = 35 + 151 + 190 + 241 + 242 \\
 859 &:= 3^5 + 16^1 + 19^0 + 23^1 + 24^2 = 35 + 161 + 190 + 231 + 242 \\
 859 &:= 3^5 + 17^1 + 19^0 + 22^1 + 24^2 = 35 + 171 + 190 + 221 + 242 \\
 859 &:= 3^5 + 18^1 + 19^0 + 21^1 + 24^2 = 35 + 181 + 190 + 211 + 242 \\
 859 &:= 3^5 + 19^0 + 19^1 + 20^1 + 24^2 = 35 + 190 + 191 + 201 + 242 \\
 859 &:= 4^2 + 4^3 + 23^1 + 27^1 + 27^2 = 42 + 43 + 231 + 271 + 272 \\
 859 &:= 4^2 + 4^3 + 24^1 + 26^1 + 27^2 = 42 + 43 + 241 + 261 + 272 \\
 859 &:= 4^2 + 4^3 + 25^1 + 25^1 + 27^2 = 42 + 43 + 251 + 251 + 272 \\
 859 &:= 4^2 + 6^3 + 24^1 + 24^2 + 27^1 = 42 + 63 + 241 + 242 + 271 \\
 859 &:= 4^2 + 6^3 + 24^2 + 25^1 + 26^1 = 42 + 63 + 242 + 251 + 261 \\
 859 &:= 4^4 + 16^2 + 18^2 + 22^1 + 25^0 = 44 + 162 + 182 + 221 + 250 \\
 859 &:= 4^4 + 17^2 + 17^2 + 23^0 + 24^1 = 44 + 172 + 172 + 230 + 241 \\
 859 &:= 4^4 + 7^2 + 23^2 + 24^1 + 27^0 = 44 + 72 + 232 + 241 + 270 \\
 859 &:= 6^3 + 6^3 + 20^2 + 26^1 + 27^0 = 63 + 63 + 202 + 261 + 270 \\
 859 &:= 7^3 + 12^2 + 18^2 + 21^1 + 27^1 = 73 + 122 + 182 + 211 + 271 \\
 859 &:= 7^3 + 12^2 + 18^2 + 22^1 + 26^1 = 73 + 122 + 182 + 221 + 261 \\
 859 &:= 7^3 + 12^2 + 18^2 + 23^1 + 25^1 = 73 + 122 + 182 + 231 + 251 \\
 859 &:= 7^3 + 12^2 + 18^2 + 24^1 + 24^1 = 73 + 122 + 182 + 241 + 241
 \end{aligned}$$

2.2.761 Number 860

$$\begin{aligned}
 860 &:= 1^7 + 17^1 + 29^2 + 38^0 = 17 + 171 + 292 + 380 \\
 860 &:= 2^0 + 2^7 + 26^2 + 55^1 = 20 + 27 + 262 + 551 \\
 860 &:= 2^1 + 2^7 + 27^2 + 54^0 = 21 + 27 + 272 + 540 \\
 860 &:= 2^5 + 7^3 + 22^2 + 54^0 = 25 + 73 + 222 + 540 \\
 860 &:= 2^6 + 8^0 + 9^3 + 66^1 = 26 + 80 + 93 + 661 \\
 860 &:= 2^8 + 2^9 + 4^2 + 76^1 = 28 + 29 + 42 + 761 \\
 860 &:= 3^2 + 3^6 + 11^2 + 68^0 = 32 + 36 + 112 + 680 \\
 860 &:= 3^5 + 6^3 + 20^2 + 56^0 = 35 + 63 + 202 + 560 \\
 860 &:= 3^6 + 4^3 + 12^0 + 66^1 = 36 + 43 + 120 + 661 \\
 860 &:= 3^6 + 5^1 + 5^3 + 72^0 = 36 + 51 + 53 + 720 \\
 860 &:= 3^6 + 7^2 + 9^2 + 66^0 = 36 + 72 + 92 + 660 \\
 860 &:= 1^5 + 16^2 + 18^0 + 24^2 + 26^1 = 15 + 162 + 180 + 242 + 261 \\
 860 &:= 1^5 + 17^1 + 20^2 + 21^2 + 26^0 = 15 + 171 + 202 + 212 + 260
 \end{aligned}$$

$$\begin{aligned}
 860 &:= 2^5 + 15^2 + 18^0 + 24^2 + 26^1 = 25 + 152 + 180 + 242 + 261 \\
 860 &:= 2^5 + 16^0 + 20^2 + 20^2 + 27^1 = 25 + 160 + 202 + 202 + 271 \\
 860 &:= 2^5 + 18^0 + 19^2 + 21^2 + 25^1 = 25 + 180 + 192 + 212 + 251 \\
 860 &:= 2^5 + 18^2 + 19^1 + 22^2 + 24^0 = 25 + 182 + 191 + 222 + 240 \\
 860 &:= 2^6 + 13^2 + 18^0 + 25^2 + 27^0 = 26 + 132 + 180 + 252 + 270 \\
 860 &:= 2^6 + 13^2 + 19^0 + 25^2 + 26^0 = 26 + 132 + 190 + 252 + 260 \\
 860 &:= 2^6 + 13^2 + 20^0 + 25^0 + 25^2 = 26 + 132 + 200 + 250 + 252 \\
 860 &:= 2^6 + 13^2 + 21^0 + 24^0 + 25^2 = 26 + 132 + 210 + 240 + 252 \\
 860 &:= 2^6 + 13^2 + 22^0 + 23^0 + 25^2 = 26 + 132 + 220 + 230 + 252 \\
 860 &:= 2^7 + 9^3 + 20^0 + 27^0 + 27^0 = 27 + 93 + 200 + 270 + 270 \\
 860 &:= 2^7 + 9^3 + 21^0 + 26^0 + 27^0 = 27 + 93 + 210 + 260 + 270 \\
 860 &:= 2^7 + 9^3 + 22^0 + 25^0 + 27^0 = 27 + 93 + 220 + 250 + 270 \\
 860 &:= 2^7 + 9^3 + 22^0 + 26^0 + 26^0 = 27 + 93 + 220 + 260 + 260
 \end{aligned}$$

$$\begin{aligned} 860 &:= 2^7 + 9^3 + 23^0 + 24^0 + 27^0 = 27 + 93 + 230 + 240 + 270 \\ 860 &:= 2^7 + 9^3 + 23^0 + 25^0 + 26^0 = 27 + 93 + 230 + 250 + 260 \\ 860 &:= 2^7 + 9^3 + 24^0 + 24^0 + 26^0 = 27 + 93 + 240 + 240 + 260 \\ 860 &:= 2^7 + 9^3 + 24^0 + 25^0 + 25^0 = 27 + 93 + 240 + 250 + 250 \end{aligned}$$

$$\begin{aligned} 860 &:= 3^6 + 9^2 + 22^1 + 24^0 + 27^1 = 36 + 92 + 221 + 240 + 271 \\ 860 &:= 3^6 + 9^2 + 23^1 + 24^0 + 26^1 = 36 + 92 + 231 + 240 + 261 \\ 860 &:= 3^6 + 9^2 + 24^0 + 24^1 + 25^1 = 36 + 92 + 240 + 241 + 251 \end{aligned}$$

2.2.762 Number 861

$$\begin{aligned} 861 &:= 1^1 + 2^7 + 26^2 + 56^1 = 11 + 27 + 262 + 561 \\ 861 &:= 1^4 + 5^4 + 13^2 + 66^1 = 14 + 54 + 132 + 661 \\ 861 &:= 1^5 + 8^2 + 9^3 + 67^1 = 15 + 82 + 93 + 671 \\ 861 &:= 1^5 + 8^3 + 17^2 + 59^1 = 15 + 83 + 172 + 591 \\ 861 &:= 1^6 + 5^2 + 28^2 + 51^1 = 16 + 52 + 282 + 511 \\ 861 &:= 1^8 + 18^1 + 29^2 + 37^0 = 18 + 181 + 292 + 370 \\ 861 &:= 2^1 + 2^7 + 26^2 + 55^1 = 21 + 27 + 262 + 551 \\ 861 &:= 2^6 + 4^2 + 27^2 + 52^1 = 26 + 42 + 272 + 521 \\ 861 &:= 2^7 + 10^1 + 26^2 + 47^1 = 27 + 101 + 262 + 471 \\ 861 &:= 2^7 + 11^1 + 26^2 + 46^1 = 27 + 111 + 262 + 461 \\ 861 &:= 2^7 + 12^1 + 26^2 + 45^1 = 27 + 121 + 262 + 451 \\ 861 &:= 2^7 + 13^1 + 26^2 + 44^1 = 27 + 131 + 262 + 441 \\ 861 &:= 2^7 + 14^1 + 26^2 + 43^1 = 27 + 141 + 262 + 431 \\ 861 &:= 2^7 + 15^1 + 26^2 + 42^1 = 27 + 151 + 262 + 421 \\ 861 &:= 2^7 + 16^1 + 26^2 + 41^1 = 27 + 161 + 262 + 411 \\ 861 &:= 2^7 + 17^1 + 26^2 + 40^1 = 27 + 171 + 262 + 401 \\ 861 &:= 2^7 + 18^1 + 26^2 + 39^1 = 27 + 181 + 262 + 391 \\ 861 &:= 2^7 + 19^1 + 26^2 + 38^1 = 27 + 191 + 262 + 381 \\ 861 &:= 2^7 + 20^1 + 26^2 + 37^1 = 27 + 201 + 262 + 371 \\ 861 &:= 2^7 + 21^1 + 26^2 + 36^1 = 27 + 211 + 262 + 361 \\ 861 &:= 2^7 + 22^1 + 26^2 + 35^1 = 27 + 221 + 262 + 351 \\ 861 &:= 2^7 + 23^1 + 26^2 + 34^1 = 27 + 231 + 262 + 341 \\ 861 &:= 2^7 + 24^1 + 26^2 + 33^1 = 27 + 241 + 262 + 331 \\ 861 &:= 2^7 + 25^1 + 26^2 + 32^1 = 27 + 251 + 262 + 321 \\ 861 &:= 2^7 + 26^1 + 26^2 + 31^1 = 27 + 261 + 262 + 311 \\ 861 &:= 2^7 + 26^2 + 27^1 + 30^1 = 27 + 262 + 271 + 301 \\ 861 &:= 2^7 + 26^2 + 28^1 + 29^1 = 27 + 262 + 281 + 291 \\ 861 &:= 2^7 + 3^1 + 26^2 + 54^1 = 27 + 31 + 262 + 541 \\ 861 &:= 2^7 + 3^1 + 9^3 + 71^0 = 27 + 31 + 93 + 710 \\ 861 &:= 2^7 + 4^1 + 26^2 + 53^1 = 27 + 41 + 262 + 531 \\ 861 &:= 2^7 + 5^1 + 26^2 + 52^1 = 27 + 51 + 262 + 521 \end{aligned}$$

$$\begin{aligned} 861 &:= 2^7 + 6^1 + 26^2 + 51^1 = 27 + 61 + 262 + 511 \\ 861 &:= 2^7 + 7^1 + 26^2 + 50^1 = 27 + 71 + 262 + 501 \\ 861 &:= 2^7 + 8^1 + 26^2 + 49^1 = 27 + 81 + 262 + 491 \\ 861 &:= 2^7 + 9^1 + 26^2 + 48^1 = 27 + 91 + 262 + 481 \\ 861 &:= 2^8 + 24^2 + 28^1 + 31^0 = 28 + 242 + 281 + 310 \\ 861 &:= 3^4 + 3^6 + 29^0 + 50^1 = 34 + 36 + 290 + 501 \\ 861 &:= 3^5 + 4^4 + 19^2 + 59^0 = 35 + 44 + 192 + 590 \\ 861 &:= 3^6 + 5^2 + 6^2 + 71^1 = 36 + 52 + 62 + 711 \\ 861 &:= 4^4 + 4^4 + 17^2 + 60^1 = 44 + 44 + 172 + 601 \\ 861 &:= 1^6 + 16^2 + 17^0 + 24^2 + 27^1 = 16 + 162 + 170 + 242 + 271 \\ 861 &:= 1^6 + 18^1 + 20^2 + 21^2 + 25^0 = 16 + 181 + 202 + 212 + 250 \\ 861 &:= 2^4 + 4^3 + 25^1 + 27^1 + 27^2 = 24 + 43 + 251 + 271 + 272 \\ 861 &:= 2^4 + 4^3 + 26^1 + 26^1 + 27^2 = 24 + 43 + 261 + 261 + 272 \\ 861 &:= 2^4 + 6^3 + 24^2 + 26^1 + 27^1 = 24 + 63 + 242 + 261 + 271 \\ 861 &:= 2^5 + 16^2 + 17^1 + 23^2 + 27^1 = 25 + 162 + 171 + 232 + 271 \\ 861 &:= 2^5 + 16^2 + 18^1 + 23^2 + 26^1 = 25 + 162 + 181 + 232 + 261 \\ 861 &:= 2^5 + 16^2 + 19^1 + 23^2 + 25^1 = 25 + 162 + 191 + 232 + 251 \\ 861 &:= 2^5 + 16^2 + 20^1 + 23^2 + 24^1 = 25 + 162 + 201 + 232 + 241 \\ 861 &:= 2^5 + 16^2 + 21^1 + 23^1 + 23^2 = 25 + 162 + 211 + 231 + 232 \\ 861 &:= 2^5 + 16^2 + 22^1 + 22^1 + 23^2 = 25 + 162 + 221 + 221 + 232 \\ 861 &:= 2^5 + 5^3 + 25^0 + 26^2 + 27^1 = 25 + 53 + 250 + 262 + 271 \\ 861 &:= 2^6 + 10^2 + 20^1 + 26^2 + 27^0 = 26 + 102 + 201 + 262 + 270 \\ 861 &:= 2^6 + 12^2 + 19^0 + 25^2 + 27^1 = 26 + 122 + 190 + 252 + 271 \\ 861 &:= 2^6 + 14^2 + 21^0 + 24^1 + 24^2 = 26 + 142 + 210 + 241 + 242 \\ 861 &:= 2^6 + 17^2 + 21^0 + 22^2 + 23^1 = 26 + 172 + 210 + 222 + 231 \\ 861 &:= 2^8 + 10^0 + 22^0 + 24^2 + 27^1 = 28 + 100 + 220 + 242 + 271 \\ 861 &:= 2^8 + 11^0 + 21^0 + 24^2 + 27^1 = 28 + 110 + 210 + 242 + 271 \\ 861 &:= 2^8 + 12^0 + 20^0 + 24^2 + 27^1 = 28 + 120 + 200 + 242 + 271 \\ 861 &:= 2^8 + 13^0 + 19^0 + 24^2 + 27^1 = 28 + 130 + 190 + 242 + 271 \\ 861 &:= 2^8 + 14^0 + 18^0 + 24^2 + 27^1 = 28 + 140 + 180 + 242 + 271 \\ 861 &:= 2^8 + 15^0 + 17^0 + 24^2 + 27^1 = 28 + 150 + 170 + 242 + 271 \end{aligned}$$

$$\begin{aligned} 861 &:= 2^8 + 16^0 + 16^0 + 24^2 + 27^1 = 28 + 160 + 160 + 242 + 271 \\ 861 &:= 2^8 + 5^0 + 24^2 + 27^0 + 27^1 = 28 + 50 + 242 + 270 + 271 \\ 861 &:= 2^8 + 6^0 + 24^2 + 26^0 + 27^1 = 28 + 60 + 242 + 260 + 271 \\ 861 &:= 2^8 + 7^0 + 24^2 + 25^0 + 27^1 = 28 + 70 + 242 + 250 + 271 \\ 861 &:= 2^8 + 8^0 + 24^0 + 24^2 + 27^1 = 28 + 80 + 240 + 242 + 271 \\ 861 &:= 2^8 + 9^0 + 23^0 + 24^2 + 27^1 = 28 + 90 + 230 + 242 + 271 \end{aligned}$$

$$\begin{aligned} 861 &:= 3^5 + 13^2 + 20^2 + 22^1 + 27^1 = 35 + 132 + 202 + 221 + 271 \\ 861 &:= 3^5 + 13^2 + 20^2 + 23^1 + 26^1 = 35 + 132 + 202 + 231 + 261 \\ 861 &:= 3^5 + 13^2 + 20^2 + 24^1 + 25^1 = 35 + 132 + 202 + 241 + 251 \\ 861 &:= 3^5 + 6^2 + 23^2 + 26^1 + 27^1 = 35 + 62 + 232 + 261 + 271 \end{aligned}$$

2.2.763 Number 862

$$\begin{aligned} 862 &:= 1^9 + 19^1 + 29^2 + 36^0 = 19 + 191 + 292 + 360 \\ 862 &:= 2^2 + 2^7 + 9^3 + 72^0 = 22 + 27 + 93 + 720 \\ 862 &:= 2^4 + 2^8 + 2^9 + 78^1 = 24 + 28 + 29 + 781 \\ 862 &:= 2^8 + 11^2 + 22^2 + 50^0 = 28 + 112 + 222 + 500 \\ 862 &:= 2^9 + 18^2 + 25^1 + 40^0 = 29 + 182 + 251 + 400 \\ 862 &:= 2^9 + 6^0 + 17^2 + 60^1 = 29 + 60 + 172 + 601 \\ 862 &:= 1^7 + 19^1 + 20^2 + 21^2 + 24^0 = 17 + 191 + 202 + 212 + 240 \\ 862 &:= 2^7 + 15^2 + 22^0 + 22^2 + 24^1 = 27 + 152 + 220 + 222 + 241 \\ 862 &:= 2^7 + 9^2 + 22^0 + 25^2 + 27^1 = 27 + 92 + 220 + 252 + 271 \end{aligned}$$

$$\begin{aligned} 862 &:= 2^9 + 14^0 + 18^2 + 24^1 + 27^0 = 29 + 140 + 182 + 241 + 270 \\ 862 &:= 2^9 + 15^0 + 18^2 + 24^1 + 26^0 = 29 + 150 + 182 + 241 + 260 \\ 862 &:= 2^9 + 16^0 + 18^2 + 24^1 + 25^0 = 29 + 160 + 182 + 241 + 250 \\ 862 &:= 2^9 + 17^0 + 18^2 + 24^0 + 24^1 = 29 + 170 + 182 + 240 + 241 \\ 862 &:= 2^9 + 18^0 + 18^2 + 23^0 + 24^1 = 29 + 180 + 182 + 230 + 241 \\ 862 &:= 2^9 + 18^2 + 19^0 + 22^0 + 24^1 = 29 + 182 + 190 + 220 + 241 \\ 862 &:= 2^9 + 18^2 + 20^0 + 21^0 + 24^1 = 29 + 182 + 200 + 210 + 241 \end{aligned}$$

2.2.764 Number 863

$$\begin{aligned} 863 &:= 21^1 + 29^2 + 36^0 = 211 + 292 + 360 \\ 863 &:= 1^0 + 20^1 + 29^2 + 36^0 = 10 + 201 + 292 + 360 \\ 863 &:= 1^8 + 17^2 + 23^2 + 44^1 = 18 + 172 + 232 + 441 \\ 863 &:= 10^0 + 20^1 + 27^0 + 29^2 = 100 + 201 + 270 + 292 \\ 863 &:= 11^0 + 20^1 + 26^0 + 29^2 = 110 + 201 + 260 + 292 \\ 863 &:= 12^0 + 20^1 + 25^0 + 29^2 = 120 + 201 + 250 + 292 \\ 863 &:= 13^0 + 20^1 + 24^0 + 29^2 = 130 + 201 + 240 + 292 \\ 863 &:= 14^0 + 20^1 + 23^0 + 29^2 = 140 + 201 + 230 + 292 \\ 863 &:= 15^0 + 20^1 + 22^0 + 29^2 = 150 + 201 + 220 + 292 \\ 863 &:= 16^0 + 20^1 + 21^0 + 29^2 = 160 + 201 + 210 + 292 \\ 863 &:= 17^0 + 20^0 + 20^1 + 29^2 = 170 + 200 + 201 + 292 \\ 863 &:= 18^0 + 19^0 + 20^1 + 29^2 = 180 + 190 + 201 + 292 \\ 863 &:= 2^0 + 20^1 + 29^2 + 35^0 = 20 + 201 + 292 + 350 \\ 863 &:= 2^4 + 2^6 + 27^2 + 54^1 = 24 + 26 + 272 + 541 \\ 863 &:= 2^6 + 3^6 + 11^0 + 69^1 = 26 + 36 + 110 + 691 \\ 863 &:= 2^8 + 14^2 + 19^2 + 50^1 = 28 + 142 + 192 + 501 \\ 863 &:= 2^9 + 7^1 + 7^3 + 69^0 = 29 + 71 + 73 + 690 \\ 863 &:= 3^0 + 20^1 + 29^2 + 34^0 = 30 + 201 + 292 + 340 \end{aligned}$$

$$\begin{aligned} 863 &:= 4^0 + 20^1 + 29^2 + 33^0 = 40 + 201 + 292 + 330 \\ 863 &:= 5^0 + 20^1 + 29^2 + 32^0 = 50 + 201 + 292 + 320 \\ 863 &:= 6^0 + 20^1 + 29^2 + 31^0 = 60 + 201 + 292 + 310 \\ 863 &:= 7^0 + 20^1 + 29^2 + 30^0 = 70 + 201 + 292 + 300 \\ 863 &:= 8^0 + 20^1 + 29^0 + 29^2 = 80 + 201 + 290 + 292 \\ 863 &:= 9^0 + 20^1 + 28^0 + 29^2 = 90 + 201 + 280 + 292 \\ 863 &:= 1^7 + 17^1 + 17^2 + 23^2 + 27^1 = 17 + 171 + 172 + 232 + 271 \\ 863 &:= 1^7 + 17^2 + 18^1 + 23^2 + 26^1 = 17 + 172 + 181 + 232 + 261 \\ 863 &:= 1^7 + 17^2 + 19^1 + 23^2 + 25^1 = 17 + 172 + 191 + 232 + 251 \\ 863 &:= 1^7 + 17^2 + 20^1 + 23^2 + 24^1 = 17 + 172 + 201 + 232 + 241 \\ 863 &:= 1^7 + 17^2 + 21^1 + 23^1 + 23^2 = 17 + 172 + 211 + 231 + 232 \\ 863 &:= 1^7 + 17^2 + 22^1 + 22^1 + 23^2 = 17 + 172 + 221 + 221 + 232 \\ 863 &:= 1^8 + 16^1 + 19^2 + 22^2 + 27^0 = 18 + 161 + 192 + 222 + 270 \\ 863 &:= 1^8 + 20^1 + 20^2 + 21^2 + 23^0 = 18 + 201 + 202 + 212 + 230 \\ 863 &:= 2^6 + 6^3 + 23^2 + 27^1 + 27^1 = 26 + 63 + 232 + 271 + 271 \\ 863 &:= 2^7 + 17^2 + 19^1 + 20^2 + 27^1 = 27 + 172 + 191 + 202 + 271 \\ 863 &:= 2^7 + 17^2 + 20^1 + 20^2 + 26^1 = 27 + 172 + 201 + 202 + 261 \\ 863 &:= 2^7 + 17^2 + 20^2 + 21^1 + 25^1 = 27 + 172 + 202 + 211 + 251 \end{aligned}$$

$$863 := 2^7 + 17^2 + 20^2 + 22^1 + 24^1 = 27 + 172 + 202 + 221 + 241$$

$$863 := 2^7 + 17^2 + 20^2 + 23^1 + 23^1 = 27 + 172 + 202 + 231 + 231$$

$$863 := 2^8 + 16^2 + 18^2 + 23^0 + 26^1 = 28 + 162 + 182 + 230 + 261$$

2.2.765 Number 864

$$864 := 1^1 + 21^1 + 29^2 + 35^0 = 11 + 211 + 292 + 350$$

$$864 := 10^1 + 12^1 + 29^2 + 35^0 = 101 + 121 + 292 + 350$$

$$864 := 11^1 + 11^1 + 29^2 + 35^0 = 111 + 111 + 292 + 350$$

$$864 := 2^1 + 20^1 + 29^2 + 35^0 = 21 + 201 + 292 + 350$$

$$864 := 2^7 + 3^6 + 6^1 + 74^0 = 27 + 36 + 61 + 740$$

$$864 := 2^9 + 3^3 + 18^2 + 62^0 = 29 + 33 + 182 + 620$$

$$864 := 3^1 + 19^1 + 29^2 + 35^0 = 31 + 191 + 292 + 350$$

$$864 := 4^1 + 18^1 + 29^2 + 35^0 = 41 + 181 + 292 + 350$$

$$864 := 5^1 + 17^1 + 29^2 + 35^0 = 51 + 171 + 292 + 350$$

$$864 := 6^1 + 16^1 + 29^2 + 35^0 = 61 + 161 + 292 + 350$$

$$864 := 7^1 + 15^1 + 29^2 + 35^0 = 71 + 151 + 292 + 350$$

$$864 := 8^1 + 14^1 + 29^2 + 35^0 = 81 + 141 + 292 + 350$$

$$864 := 9^1 + 13^1 + 29^2 + 35^0 = 91 + 131 + 292 + 350$$

$$864 := 1^9 + 17^1 + 19^2 + 22^2 + 26^0 = 19 + 171 + 192 + 222 + 260$$

$$864 := 1^9 + 20^2 + 21^1 + 21^2 + 22^0 = 19 + 202 + 211 + 212 + 220$$

2.2.766 Number 865

$$865 := 1^2 + 22^1 + 29^2 + 34^0 = 12 + 221 + 292 + 340$$

$$865 := 1^8 + 3^4 + 27^2 + 54^1 = 18 + 34 + 272 + 541$$

$$865 := 1^8 + 4^3 + 9^3 + 71^1 = 18 + 43 + 93 + 711$$

$$865 := 1^9 + 3^3 + 28^2 + 53^1 = 19 + 33 + 282 + 531$$

$$865 := 10^2 + 14^0 + 27^2 + 35^1 = 102 + 140 + 272 + 351$$

$$865 := 11^1 + 18^2 + 23^2 + 34^0 = 111 + 182 + 232 + 340$$

$$865 := 11^2 + 14^1 + 27^2 + 34^0 = 112 + 141 + 272 + 340$$

$$865 := 13^2 + 19^1 + 26^2 + 28^0 = 132 + 191 + 262 + 280$$

$$865 := 14^0 + 16^2 + 24^2 + 32^1 = 140 + 162 + 242 + 321$$

$$865 := 14^1 + 15^2 + 25^2 + 32^0 = 141 + 152 + 252 + 320$$

$$865 := 19^1 + 19^2 + 22^2 + 26^0 = 191 + 192 + 222 + 260$$

$$865 := 2^2 + 19^1 + 29^2 + 36^0 = 22 + 191 + 292 + 360$$

$$865 := 2^5 + 2^8 + 24^2 + 57^0 = 25 + 28 + 242 + 570$$

$$865 := 2^5 + 3^3 + 3^6 + 77^1 = 25 + 33 + 36 + 771$$

$$865 := 2^9 + 4^3 + 15^2 + 64^1 = 29 + 43 + 152 + 641$$

$$865 := 20^2 + 21^2 + 22^0 + 23^1 = 202 + 212 + 220 + 231$$

$$865 := 3^2 + 14^1 + 29^2 + 40^0 = 32 + 141 + 292 + 400$$

$$865 := 4^0 + 12^2 + 26^2 + 44^1 = 40 + 122 + 262 + 441$$

$$865 := 4^0 + 14^2 + 25^2 + 43^1 = 40 + 142 + 252 + 431$$

$$865 := 4^2 + 7^1 + 29^2 + 46^0 = 42 + 71 + 292 + 460$$

$$865 := 6^2 + 8^0 + 28^2 + 44^1 = 62 + 80 + 282 + 441$$

$$865 := 7^2 + 20^0 + 28^2 + 31^1 = 72 + 200 + 282 + 311$$

$$865 := 8^2 + 16^1 + 28^2 + 34^0 = 82 + 161 + 282 + 340$$

$$865 := 1^0 + 18^1 + 19^2 + 22^2 + 26^0 = 10 + 181 + 192 + 222 + 260$$

$$865 := 1^0 + 20^2 + 21^2 + 22^0 + 22^1 = 10 + 202 + 212 + 220 + 221$$

$$865 := 1^7 + 3^4 + 27^1 + 27^1 + 27^2 = 17 + 34 + 271 + 271 + 272$$

$$865 := 10^0 + 10^1 + 18^2 + 23^2 + 25^0 = 100 + 101 + 182 + 232 + 250$$

$$865 := 10^0 + 11^2 + 13^1 + 25^0 + 27^2 = 100 + 112 + 131 + 250 + 272$$

$$865 := 10^0 + 13^0 + 20^2 + 21^2 + 22^1 = 100 + 130 + 202 + 212 + 221$$

$$865 := 10^0 + 13^1 + 15^2 + 23^0 + 25^2 = 100 + 131 + 152 + 230 + 252$$

$$865 := 10^0 + 13^2 + 18^1 + 19^0 + 26^2 = 100 + 132 + 181 + 190 + 262$$

$$865 := 10^0 + 17^0 + 18^1 + 19^2 + 22^2 = 100 + 170 + 181 + 192 + 222$$

$$865 := 10^1 + 11^0 + 18^2 + 23^2 + 24^0 = 101 + 110 + 182 + 232 + 240$$

$$865 := 10^1 + 12^0 + 18^2 + 23^0 + 23^2 = 101 + 120 + 182 + 230 + 232$$

$$865 := 10^1 + 13^0 + 18^2 + 22^0 + 23^2 = 101 + 130 + 182 + 220 + 232$$

$$865 := 10^1 + 14^0 + 18^2 + 21^0 + 23^2 = 101 + 140 + 182 + 210 + 232$$

$$865 := 10^1 + 15^0 + 18^2 + 20^0 + 23^2 = 101 + 150 + 182 + 200 + 232$$

$$865 := 10^1 + 16^0 + 18^2 + 19^0 + 23^2 = 101 + 160 + 182 + 190 + 232$$

$$865 := 10^1 + 17^0 + 18^0 + 18^2 + 23^2 = 101 + 170 + 180 + 182 + 232$$

$$865 := 11^0 + 11^2 + 13^1 + 24^0 + 27^2 = 110 + 112 + 131 + 240 + 272$$

$$865 := 11^0 + 12^0 + 20^2 + 21^2 + 22^1 = 110 + 120 + 202 + 212 + 221$$

$$865 := 11^0 + 13^1 + 15^2 + 22^0 + 25^2 = 110 + 131 + 152 + 220 + 252$$

$$865 := 11^0 + 13^2 + 18^0 + 18^1 + 26^2 = 110 + 132 + 180 + 181 + 262$$

$$865 := 11^0 + 16^0 + 18^1 + 19^2 + 22^2 = 110 + 160 + 181 + 192 + 222$$

$$865 := 11^2 + 12^0 + 13^1 + 23^0 + 27^2 = 112 + 120 + 131 + 230 + 272$$

$$865 := 11^2 + 13^0 + 13^1 + 22^0 + 27^2 = 112 + 130 + 131 + 220 + 272$$

$865 := 11^2 + 13^1 + 14^0 + 21^0 + 27^2 = 112 + 131 + 140 + 210 + 272$	$865 := 5^0 + 18^0 + 20^2 + 21^2 + 22^1 = 50 + 180 + 202 + 212 + 221$
$865 := 11^2 + 13^1 + 15^0 + 20^0 + 27^2 = 112 + 131 + 150 + 200 + 272$	$865 := 5^0 + 18^1 + 19^2 + 22^0 + 22^2 = 50 + 181 + 192 + 220 + 222$
$865 := 11^2 + 13^1 + 16^0 + 19^0 + 27^2 = 112 + 131 + 160 + 190 + 272$	$865 := 6^0 + 13^1 + 15^2 + 25^2 + 27^0 = 60 + 131 + 152 + 252 + 270$
$865 := 11^2 + 13^1 + 17^0 + 18^0 + 27^2 = 112 + 131 + 170 + 180 + 272$	$865 := 6^0 + 13^2 + 18^1 + 23^0 + 26^2 = 60 + 132 + 181 + 230 + 262$
$865 := 12^0 + 13^1 + 15^2 + 21^0 + 25^2 = 120 + 131 + 152 + 210 + 252$	$865 := 6^0 + 17^0 + 20^2 + 21^2 + 22^1 = 60 + 170 + 202 + 212 + 221$
$865 := 12^0 + 13^2 + 17^0 + 18^1 + 26^2 = 120 + 132 + 170 + 181 + 262$	$865 := 6^0 + 18^1 + 19^2 + 21^0 + 22^2 = 60 + 181 + 192 + 210 + 222$
$865 := 12^0 + 15^0 + 18^1 + 19^2 + 22^2 = 120 + 150 + 181 + 192 + 222$	$865 := 7^0 + 13^1 + 15^2 + 25^2 + 26^0 = 70 + 131 + 152 + 252 + 260$
$865 := 13^0 + 13^1 + 15^2 + 20^0 + 25^2 = 130 + 131 + 152 + 200 + 252$	$865 := 7^0 + 13^2 + 18^1 + 22^0 + 26^2 = 70 + 132 + 181 + 220 + 262$
$865 := 13^0 + 13^2 + 16^0 + 18^1 + 26^2 = 130 + 132 + 160 + 181 + 262$	$865 := 7^0 + 16^0 + 20^2 + 21^2 + 22^1 = 70 + 160 + 202 + 212 + 221$
$865 := 13^0 + 14^0 + 18^1 + 19^2 + 22^2 = 130 + 140 + 181 + 192 + 222$	$865 := 7^0 + 18^1 + 19^2 + 20^0 + 22^2 = 70 + 181 + 192 + 200 + 222$
$865 := 13^1 + 14^0 + 15^2 + 19^0 + 25^2 = 131 + 140 + 152 + 190 + 252$	$865 := 8^0 + 10^1 + 18^2 + 23^2 + 27^0 = 80 + 101 + 182 + 232 + 270$
$865 := 13^1 + 15^0 + 15^2 + 18^0 + 25^2 = 131 + 150 + 152 + 180 + 252$	$865 := 8^0 + 11^2 + 13^1 + 27^0 + 27^2 = 80 + 112 + 131 + 270 + 272$
$865 := 13^1 + 15^2 + 16^0 + 17^0 + 25^2 = 131 + 152 + 160 + 170 + 252$	$865 := 8^0 + 13^1 + 15^2 + 25^0 + 25^2 = 80 + 131 + 152 + 250 + 252$
$865 := 13^2 + 14^0 + 15^0 + 18^1 + 26^2 = 132 + 140 + 150 + 181 + 262$	$865 := 8^0 + 13^2 + 18^1 + 21^0 + 26^2 = 80 + 132 + 181 + 210 + 262$
$865 := 2^0 + 13^2 + 18^1 + 26^2 + 27^0 = 20 + 132 + 181 + 262 + 270$	$865 := 8^0 + 15^0 + 20^2 + 21^2 + 22^1 = 80 + 150 + 202 + 212 + 221$
$865 := 2^0 + 18^1 + 19^2 + 22^2 + 25^0 = 20 + 181 + 192 + 222 + 250$	$865 := 8^0 + 18^1 + 19^0 + 19^2 + 22^2 = 80 + 181 + 190 + 192 + 222$
$865 := 2^0 + 20^2 + 21^0 + 21^2 + 22^1 = 20 + 202 + 210 + 212 + 221$	$865 := 9^0 + 10^1 + 18^2 + 23^2 + 26^0 = 90 + 101 + 182 + 232 + 260$
$865 := 3^0 + 13^2 + 18^1 + 26^0 + 26^2 = 30 + 132 + 181 + 260 + 262$	$865 := 9^0 + 11^2 + 13^1 + 26^0 + 27^2 = 90 + 112 + 131 + 260 + 272$
$865 := 3^0 + 18^1 + 19^2 + 22^2 + 24^0 = 30 + 181 + 192 + 222 + 240$	$865 := 9^0 + 13^1 + 15^2 + 24^0 + 25^2 = 90 + 131 + 152 + 240 + 252$
$865 := 3^0 + 20^0 + 20^2 + 21^2 + 22^1 = 30 + 200 + 202 + 212 + 221$	$865 := 9^0 + 13^2 + 18^1 + 20^0 + 26^2 = 90 + 132 + 181 + 200 + 262$
$865 := 4^0 + 13^2 + 18^1 + 25^0 + 26^2 = 40 + 132 + 181 + 250 + 262$	$865 := 9^0 + 14^0 + 20^2 + 21^2 + 22^1 = 90 + 140 + 202 + 212 + 221$
$865 := 4^0 + 18^1 + 19^2 + 22^2 + 23^0 = 40 + 181 + 192 + 222 + 230$	$865 := 9^0 + 18^0 + 18^1 + 19^2 + 22^2 = 90 + 180 + 181 + 192 + 222$
$865 := 4^0 + 19^0 + 20^2 + 21^2 + 22^1 = 40 + 190 + 202 + 212 + 221$	
$865 := 5^0 + 13^2 + 18^1 + 24^0 + 26^2 = 50 + 132 + 181 + 240 + 262$	

2.2.767 Number 866

$866 := 3^3 + 28^2 + 55^1 = 33 + 282 + 551$	$866 := 6^3 + 24^1 + 25^2 + 31^0 = 63 + 241 + 252 + 310$
$866 := 3^4 + 28^2 + 55^0 = 34 + 282 + 550$	$866 := 7^3 + 19^0 + 22^2 + 38^1 = 73 + 190 + 222 + 381$
$866 := 1^0 + 3^3 + 28^2 + 54^1 = 10 + 33 + 282 + 541$	$866 := 8^2 + 15^2 + 24^2 + 39^0 = 82 + 152 + 242 + 390$
$866 := 1^3 + 23^1 + 29^2 + 33^0 = 13 + 231 + 292 + 330$	$866 := 8^3 + 18^2 + 29^1 + 31^0 = 83 + 182 + 291 + 310$
$866 := 10^2 + 18^2 + 21^2 + 37^0 = 102 + 182 + 212 + 370$	$866 := 9^2 + 9^3 + 13^0 + 55^1 = 92 + 93 + 130 + 551$
$866 := 2^3 + 16^1 + 29^2 + 39^0 = 23 + 161 + 292 + 390$	$866 := 9^3 + 10^2 + 31^0 + 36^1 = 93 + 102 + 310 + 361$
$866 := 2^3 + 2^7 + 3^6 + 78^0 = 23 + 27 + 36 + 780$	$866 := 9^3 + 11^2 + 15^1 + 51^0 = 93 + 112 + 151 + 510$
$866 := 3^3 + 28^2 + 55^1 = 33 + 282 + 551$	$866 := 1^1 + 13^2 + 19^1 + 26^2 + 27^0 = 11 + 132 + 191 + 262 + 270$
$866 := 3^4 + 28^2 + 55^0 = 34 + 282 + 550$	$866 := 1^1 + 19^1 + 19^2 + 22^2 + 25^0 = 11 + 191 + 192 + 222 + 250$
$866 := 4^3 + 17^1 + 28^2 + 37^0 = 43 + 171 + 282 + 370$	$866 := 1^1 + 20^2 + 21^0 + 21^2 + 23^1 = 11 + 202 + 210 + 212 + 231$
$866 := 5^3 + 11^1 + 27^2 + 43^0 = 53 + 111 + 272 + 430$	$866 := 10^1 + 10^1 + 13^2 + 26^2 + 27^0 = 101 + 101 + 132 + 262 + 270$
$866 := 6^2 + 10^2 + 27^2 + 43^0 = 62 + 102 + 272 + 430$	$866 := 10^1 + 10^1 + 19^2 + 22^2 + 25^0 = 101 + 101 + 192 + 222 + 250$

$$\begin{aligned} 866 &:= 10^1 + 10^2 + 13^0 + 26^1 + 27^2 = 101 + 102 + 130 + 261 + 272 & 866 &:= 3^0 + 14^2 + 19^1 + 25^1 + 25^2 = 30 + 142 + 191 + 251 + 252 \\ 866 &:= 10^1 + 13^0 + 16^2 + 23^1 + 24^2 = 101 + 130 + 162 + 231 + 242 & 866 &:= 3^0 + 14^2 + 20^1 + 24^1 + 25^2 = 30 + 142 + 201 + 241 + 252 \\ 866 &:= 10^1 + 14^1 + 20^2 + 21^0 + 21^2 = 101 + 141 + 202 + 210 + 212 & 866 &:= 3^0 + 14^2 + 21^1 + 23^1 + 25^2 = 30 + 142 + 211 + 231 + 252 \\ 866 &:= 10^2 + 11^1 + 13^0 + 25^1 + 27^2 = 102 + 111 + 130 + 251 + 272 & 866 &:= 3^0 + 14^2 + 22^1 + 22^1 + 25^2 = 30 + 142 + 221 + 221 + 252 \\ 866 &:= 10^2 + 12^1 + 13^0 + 24^1 + 27^2 = 102 + 121 + 130 + 241 + 272 & 866 &:= 3^1 + 13^2 + 17^1 + 26^2 + 27^0 = 31 + 132 + 171 + 262 + 270 \\ 866 &:= 10^2 + 13^0 + 13^1 + 23^1 + 27^2 = 102 + 130 + 131 + 231 + 272 & 866 &:= 3^1 + 17^1 + 19^2 + 22^2 + 25^0 = 31 + 171 + 192 + 222 + 250 \\ 866 &:= 10^2 + 13^0 + 14^1 + 22^1 + 27^2 = 102 + 130 + 141 + 221 + 272 & 866 &:= 3^1 + 20^2 + 21^0 + 21^1 + 21^2 = 31 + 202 + 210 + 211 + 212 \\ 866 &:= 10^2 + 13^0 + 15^1 + 21^1 + 27^2 = 102 + 130 + 151 + 211 + 272 & 866 &:= 4^1 + 13^2 + 16^1 + 26^2 + 27^0 = 41 + 132 + 161 + 262 + 270 \\ 866 &:= 10^2 + 13^0 + 16^1 + 20^1 + 27^2 = 102 + 130 + 161 + 201 + 272 & 866 &:= 4^1 + 16^1 + 19^2 + 22^2 + 25^0 = 41 + 161 + 192 + 222 + 250 \\ 866 &:= 10^2 + 13^0 + 17^1 + 19^1 + 27^2 = 102 + 130 + 171 + 191 + 272 & 866 &:= 4^1 + 20^1 + 20^2 + 21^0 + 21^2 = 41 + 201 + 202 + 210 + 212 \\ 866 &:= 10^2 + 13^0 + 18^1 + 18^1 + 27^2 = 102 + 130 + 181 + 181 + 272 & 866 &:= 5^0 + 6^3 + 23^1 + 25^2 + 27^0 = 50 + 63 + 231 + 252 + 270 \\ 866 &:= 11^0 + 12^2 + 12^2 + 24^2 + 27^0 = 110 + 122 + 122 + 242 + 270 & 866 &:= 5^1 + 13^2 + 15^1 + 26^2 + 27^0 = 51 + 132 + 151 + 262 + 270 \\ 866 &:= 11^1 + 13^0 + 16^2 + 22^1 + 24^2 = 111 + 130 + 162 + 221 + 242 & 866 &:= 5^1 + 15^1 + 19^2 + 22^2 + 25^0 = 51 + 151 + 192 + 222 + 250 \\ 866 &:= 11^1 + 13^1 + 20^2 + 21^0 + 21^2 = 111 + 131 + 202 + 210 + 212 & 866 &:= 5^1 + 19^1 + 20^2 + 21^0 + 21^2 = 51 + 191 + 202 + 210 + 212 \\ 866 &:= 12^0 + 12^2 + 12^2 + 24^2 + 26^0 = 120 + 122 + 122 + 242 + 260 & 866 &:= 5^3 + 10^1 + 17^0 + 27^0 + 27^2 = 53 + 101 + 170 + 270 + 272 \\ 866 &:= 12^1 + 12^1 + 20^2 + 21^0 + 21^2 = 121 + 121 + 202 + 210 + 212 & 866 &:= 5^3 + 10^1 + 18^0 + 26^0 + 27^2 = 53 + 101 + 180 + 260 + 272 \\ 866 &:= 12^1 + 13^0 + 16^2 + 21^1 + 24^2 = 121 + 130 + 162 + 211 + 242 & 866 &:= 5^3 + 10^1 + 19^0 + 25^0 + 27^2 = 53 + 101 + 190 + 250 + 272 \\ 866 &:= 12^2 + 12^2 + 13^0 + 24^2 + 25^0 = 122 + 122 + 130 + 242 + 250 & 866 &:= 5^3 + 10^1 + 20^0 + 24^0 + 27^2 = 53 + 101 + 200 + 240 + 272 \\ 866 &:= 12^2 + 12^2 + 14^0 + 24^0 + 24^2 = 122 + 122 + 140 + 240 + 242 & 866 &:= 5^3 + 10^1 + 21^0 + 23^0 + 27^2 = 53 + 101 + 210 + 230 + 272 \\ 866 &:= 12^2 + 12^2 + 15^0 + 23^0 + 24^2 = 122 + 122 + 150 + 230 + 242 & 866 &:= 5^3 + 10^1 + 22^0 + 22^0 + 27^2 = 53 + 101 + 220 + 220 + 272 \\ 866 &:= 12^2 + 12^2 + 16^0 + 22^0 + 24^2 = 122 + 122 + 160 + 220 + 242 & 866 &:= 6^0 + 6^3 + 23^1 + 25^2 + 26^0 = 60 + 63 + 231 + 252 + 260 \\ 866 &:= 12^2 + 12^2 + 17^0 + 21^0 + 24^2 = 122 + 122 + 170 + 210 + 242 & 866 &:= 6^1 + 13^0 + 16^2 + 24^2 + 27^1 = 61 + 130 + 162 + 242 + 271 \\ 866 &:= 12^2 + 12^2 + 18^0 + 20^0 + 24^2 = 122 + 122 + 180 + 200 + 242 & 866 &:= 6^1 + 13^2 + 14^1 + 26^2 + 27^0 = 61 + 132 + 141 + 262 + 270 \\ 866 &:= 12^2 + 12^2 + 19^0 + 19^0 + 24^2 = 122 + 122 + 190 + 190 + 242 & 866 &:= 6^1 + 14^1 + 19^2 + 22^2 + 25^0 = 61 + 141 + 192 + 222 + 250 \\ 866 &:= 13^0 + 13^1 + 16^2 + 20^1 + 24^2 = 130 + 131 + 162 + 201 + 242 & 866 &:= 6^1 + 18^1 + 20^2 + 21^0 + 21^2 = 61 + 181 + 202 + 210 + 212 \\ 866 &:= 13^0 + 14^1 + 16^2 + 19^1 + 24^2 = 130 + 141 + 162 + 191 + 242 & 866 &:= 6^3 + 10^0 + 22^0 + 23^1 + 25^2 = 63 + 100 + 220 + 231 + 252 \\ 866 &:= 13^0 + 15^1 + 16^2 + 18^1 + 24^2 = 130 + 151 + 162 + 181 + 242 & 866 &:= 6^3 + 11^0 + 21^0 + 23^1 + 25^2 = 63 + 110 + 210 + 231 + 252 \\ 866 &:= 13^0 + 16^1 + 16^2 + 17^1 + 24^2 = 130 + 161 + 162 + 171 + 242 & 866 &:= 6^3 + 12^0 + 20^0 + 23^1 + 25^2 = 63 + 120 + 200 + 231 + 252 \\ 866 &:= 2^1 + 13^2 + 18^1 + 26^2 + 27^0 = 21 + 132 + 181 + 262 + 270 & 866 &:= 6^3 + 13^0 + 19^0 + 23^1 + 25^2 = 63 + 130 + 190 + 231 + 252 \\ 866 &:= 2^1 + 18^1 + 19^2 + 22^2 + 25^0 = 21 + 181 + 192 + 222 + 250 & 866 &:= 6^3 + 14^0 + 18^0 + 23^1 + 25^2 = 63 + 140 + 180 + 231 + 252 \\ 866 &:= 2^1 + 20^2 + 21^0 + 21^2 + 22^1 = 21 + 202 + 210 + 212 + 221 & 866 &:= 6^3 + 15^0 + 17^0 + 23^1 + 25^2 = 63 + 150 + 170 + 231 + 252 \\ 866 &:= 3^0 + 12^2 + 18^1 + 26^2 + 27^1 = 30 + 122 + 181 + 262 + 271 & 866 &:= 6^3 + 16^0 + 16^0 + 23^1 + 25^2 = 63 + 160 + 160 + 231 + 252 \\ 866 &:= 3^0 + 12^2 + 19^1 + 26^1 + 26^2 = 30 + 122 + 191 + 261 + 262 & 866 &:= 6^3 + 7^0 + 23^1 + 25^0 + 25^2 = 63 + 70 + 231 + 250 + 252 \\ 866 &:= 3^0 + 12^2 + 20^1 + 25^1 + 26^2 = 30 + 122 + 201 + 251 + 262 & 866 &:= 6^3 + 8^0 + 23^1 + 24^0 + 25^2 = 63 + 80 + 231 + 240 + 252 \\ 866 &:= 3^0 + 12^2 + 21^1 + 24^1 + 26^2 = 30 + 122 + 211 + 241 + 262 & 866 &:= 6^3 + 9^0 + 23^0 + 23^1 + 25^2 = 63 + 90 + 230 + 231 + 252 \\ 866 &:= 3^0 + 12^2 + 22^1 + 23^1 + 26^2 = 30 + 122 + 221 + 231 + 262 & 866 &:= 7^1 + 13^0 + 16^2 + 24^2 + 26^1 = 71 + 130 + 162 + 242 + 261 \\ 866 &:= 3^0 + 14^2 + 17^1 + 25^2 + 27^1 = 30 + 142 + 171 + 252 + 271 & 866 &:= 7^1 + 13^1 + 13^2 + 26^2 + 27^0 = 71 + 131 + 132 + 262 + 270 \\ 866 &:= 3^0 + 14^2 + 18^1 + 25^2 + 26^1 = 30 + 142 + 181 + 252 + 261 & 866 &:= 7^1 + 13^1 + 19^2 + 22^2 + 25^0 = 71 + 131 + 192 + 222 + 250 \end{aligned}$$

$$\begin{aligned}
 866 &:= 7^1 + 17^1 + 20^2 + 21^0 + 21^2 = 71 + 171 + 202 + 210 + 212 \\
 866 &:= 8^1 + 12^1 + 13^2 + 26^2 + 27^0 = 81 + 121 + 132 + 262 + 270 \\
 866 &:= 8^1 + 12^1 + 19^2 + 22^2 + 25^0 = 81 + 121 + 192 + 222 + 250 \\
 866 &:= 8^1 + 13^0 + 16^2 + 24^2 + 25^1 = 81 + 130 + 162 + 242 + 251 \\
 866 &:= 8^1 + 16^1 + 20^2 + 21^0 + 21^2 = 81 + 161 + 202 + 210 + 212 \\
 866 &:= 8^2 + 11^0 + 20^2 + 20^2 + 27^0 = 82 + 110 + 202 + 202 + 270 \\
 866 &:= 8^2 + 12^0 + 20^2 + 20^2 + 26^0 = 82 + 120 + 202 + 202 + 260 \\
 866 &:= 8^2 + 13^0 + 20^2 + 20^2 + 25^0 = 82 + 130 + 202 + 202 + 250 \\
 866 &:= 8^2 + 14^0 + 20^2 + 20^2 + 24^0 = 82 + 140 + 202 + 202 + 240 \\
 866 &:= 8^2 + 15^0 + 20^2 + 20^2 + 23^0 = 82 + 150 + 202 + 202 + 230 \\
 866 &:= 8^2 + 16^0 + 20^2 + 20^2 + 22^0 = 82 + 160 + 202 + 202 + 220
 \end{aligned}$$

$$\begin{aligned}
 866 &:= 8^2 + 17^0 + 20^2 + 20^2 + 21^0 = 82 + 170 + 202 + 202 + 210 \\
 866 &:= 8^2 + 18^0 + 20^0 + 20^2 + 20^2 = 82 + 180 + 200 + 202 + 202 \\
 866 &:= 8^2 + 19^0 + 19^0 + 20^2 + 20^2 = 82 + 190 + 190 + 202 + 202 \\
 866 &:= 9^1 + 10^2 + 13^0 + 27^1 + 27^2 = 91 + 102 + 130 + 271 + 272 \\
 866 &:= 9^1 + 11^1 + 13^2 + 26^2 + 27^0 = 91 + 111 + 132 + 262 + 270 \\
 866 &:= 9^1 + 11^1 + 19^2 + 22^2 + 25^0 = 91 + 111 + 192 + 222 + 250 \\
 866 &:= 9^1 + 13^0 + 16^2 + 24^1 + 24^2 = 91 + 130 + 162 + 241 + 242 \\
 866 &:= 9^1 + 15^1 + 20^2 + 21^0 + 21^2 = 91 + 151 + 202 + 210 + 212 \\
 866 &:= 9^3 + 11^2 + 14^1 + 25^0 + 27^0 = 93 + 112 + 141 + 250 + 270 \\
 866 &:= 9^3 + 11^2 + 14^1 + 26^0 + 26^0 = 93 + 112 + 141 + 260 + 260
 \end{aligned}$$

2.2.768 Number 867

$$\begin{aligned}
 867 &:= 1^1 + 3^4 + 28^2 + 54^0 = 11 + 34 + 282 + 540 \\
 867 &:= 1^3 + 17^2 + 24^2 + 44^0 = 13 + 172 + 242 + 440 \\
 867 &:= 1^3 + 9^2 + 28^2 + 48^0 = 13 + 92 + 282 + 480 \\
 867 &:= 1^4 + 24^1 + 29^2 + 32^0 = 14 + 241 + 292 + 320 \\
 867 &:= 1^5 + 2^9 + 17^2 + 65^1 = 15 + 29 + 172 + 651 \\
 867 &:= 1^7 + 2^6 + 9^3 + 73^1 = 17 + 26 + 93 + 731 \\
 867 &:= 1^8 + 3^6 + 8^2 + 73^1 = 18 + 36 + 82 + 731 \\
 867 &:= 2^4 + 9^1 + 29^2 + 46^0 = 24 + 91 + 292 + 460 \\
 867 &:= 4^2 + 9^3 + 11^2 + 62^0 = 42 + 93 + 112 + 620 \\
 867 &:= 4^3 + 19^2 + 21^2 + 42^0 = 43 + 192 + 212 + 420 \\
 867 &:= 4^4 + 24^0 + 24^2 + 34^1 = 44 + 240 + 242 + 341 \\
 867 &:= 5^2 + 6^3 + 25^2 + 50^0 = 52 + 63 + 252 + 500 \\
 867 &:= 5^3 + 9^3 + 12^1 + 60^0 = 53 + 93 + 121 + 600 \\
 867 &:= 5^4 + 14^2 + 22^0 + 45^1 = 54 + 142 + 220 + 451 \\
 867 &:= 5^4 + 15^2 + 16^1 + 50^0 = 54 + 152 + 161 + 500 \\
 867 &:= 6^3 + 11^2 + 23^2 + 46^0 = 63 + 112 + 232 + 460 \\
 867 &:= 6^3 + 17^2 + 19^2 + 44^0 = 63 + 172 + 192 + 440 \\
 867 &:= 7^3 + 8^3 + 11^1 + 60^0 = 73 + 83 + 111 + 600 \\
 867 &:= 1^2 + 13^2 + 20^1 + 26^0 + 26^2 = 12 + 132 + 201 + 260 + 262 \\
 867 &:= 1^2 + 19^2 + 20^1 + 22^2 + 24^0 = 12 + 192 + 201 + 222 + 240 \\
 867 &:= 1^2 + 20^0 + 20^2 + 21^2 + 24^1 = 12 + 200 + 202 + 212 + 241 \\
 867 &:= 10^2 + 11^2 + 20^0 + 20^1 + 25^2 = 102 + 112 + 200 + 201 + 252 \\
 867 &:= 10^2 + 12^0 + 16^2 + 22^2 + 26^1 = 102 + 120 + 162 + 222 + 261 \\
 867 &:= 10^2 + 12^1 + 15^2 + 23^2 + 26^0 = 102 + 121 + 152 + 232 + 260
 \end{aligned}$$

$$\begin{aligned}
 867 &:= 10^2 + 13^2 + 18^0 + 21^1 + 24^2 = 102 + 132 + 180 + 211 + 242 \\
 867 &:= 11^2 + 12^2 + 14^0 + 24^2 + 25^1 = 112 + 122 + 140 + 242 + 251 \\
 867 &:= 11^2 + 14^0 + 19^2 + 19^2 + 23^1 = 112 + 140 + 192 + 192 + 231 \\
 867 &:= 11^2 + 14^2 + 18^0 + 20^1 + 23^2 = 112 + 142 + 180 + 201 + 232 \\
 867 &:= 11^2 + 15^1 + 17^2 + 21^2 + 22^0 = 112 + 151 + 172 + 212 + 220 \\
 867 &:= 11^2 + 16^0 + 18^2 + 20^2 + 21^1 = 112 + 160 + 182 + 202 + 211 \\
 867 &:= 12^0 + 12^2 + 16^2 + 21^2 + 25^1 = 120 + 122 + 162 + 212 + 251 \\
 867 &:= 12^0 + 15^2 + 16^2 + 19^2 + 24^1 = 120 + 152 + 162 + 192 + 241 \\
 867 &:= 12^1 + 13^2 + 18^2 + 19^2 + 24^0 = 121 + 132 + 182 + 192 + 240 \\
 867 &:= 12^2 + 13^1 + 15^2 + 22^2 + 24^0 = 122 + 131 + 152 + 222 + 240 \\
 867 &:= 12^2 + 13^2 + 14^0 + 23^2 + 24^1 = 122 + 132 + 140 + 232 + 241 \\
 867 &:= 13^2 + 14^2 + 17^1 + 20^0 + 22^2 = 132 + 142 + 171 + 200 + 222 \\
 867 &:= 14^0 + 14^2 + 18^2 + 18^2 + 22^1 = 140 + 142 + 182 + 182 + 221 \\
 867 &:= 14^1 + 14^2 + 16^2 + 20^2 + 22^0 = 141 + 142 + 162 + 202 + 220 \\
 867 &:= 14^2 + 16^0 + 17^2 + 19^2 + 20^1 = 142 + 160 + 172 + 192 + 201 \\
 867 &:= 15^2 + 15^2 + 16^1 + 20^0 + 20^2 = 152 + 152 + 161 + 200 + 202 \\
 867 &:= 2^2 + 17^1 + 19^2 + 22^2 + 26^0 = 22 + 171 + 192 + 222 + 260 \\
 867 &:= 2^2 + 20^2 + 21^1 + 21^2 + 22^0 = 22 + 202 + 211 + 212 + 220 \\
 867 &:= 3^2 + 16^1 + 20^2 + 21^2 + 26^0 = 32 + 161 + 202 + 212 + 260 \\
 867 &:= 3^2 + 16^2 + 18^0 + 24^2 + 25^1 = 32 + 162 + 180 + 242 + 251 \\
 867 &:= 4^2 + 10^2 + 21^1 + 24^0 + 27^2 = 42 + 102 + 211 + 240 + 272 \\
 867 &:= 4^2 + 16^2 + 18^1 + 24^0 + 24^2 = 42 + 162 + 181 + 240 + 242 \\
 867 &:= 4^3 + 15^2 + 16^0 + 24^2 + 27^0 = 43 + 152 + 160 + 242 + 270 \\
 867 &:= 4^3 + 15^2 + 17^0 + 24^2 + 26^0 = 43 + 152 + 170 + 242 + 260
 \end{aligned}$$

$867 := 4^3 + 15^2 + 18^0 + 24^2 + 25^0 = 43 + 152 + 180 + 242 + 250$	$867 := 7^2 + 15^2 + 16^1 + 24^0 + 24^2 = 72 + 152 + 161 + 240 + 242$
$867 := 4^3 + 15^2 + 19^0 + 24^0 + 24^2 = 43 + 152 + 190 + 240 + 242$	$867 := 7^2 + 17^1 + 20^2 + 20^2 + 22^0 = 72 + 171 + 202 + 202 + 220$
$867 := 4^3 + 15^2 + 20^0 + 23^0 + 24^2 = 43 + 152 + 200 + 230 + 242$	$867 := 7^2 + 8^2 + 20^0 + 24^1 + 27^2 = 72 + 82 + 200 + 241 + 272$
$867 := 4^3 + 15^2 + 21^0 + 22^0 + 24^2 = 43 + 152 + 210 + 220 + 242$	$867 := 7^3 + 12^1 + 18^0 + 22^2 + 27^1 = 73 + 121 + 180 + 222 + 271$
$867 := 5^2 + 12^2 + 21^1 + 22^0 + 26^2 = 52 + 122 + 211 + 220 + 262$	$867 := 7^3 + 13^1 + 18^0 + 22^2 + 26^1 = 73 + 131 + 180 + 222 + 261$
$867 := 5^2 + 14^2 + 20^1 + 22^0 + 25^2 = 52 + 142 + 201 + 220 + 252$	$867 := 7^3 + 14^1 + 18^0 + 22^2 + 25^1 = 73 + 141 + 180 + 222 + 251$
$867 := 5^2 + 17^2 + 18^0 + 23^1 + 23^2 = 52 + 172 + 180 + 231 + 232$	$867 := 7^3 + 15^1 + 18^0 + 22^2 + 24^1 = 73 + 151 + 180 + 222 + 241$
$867 := 5^3 + 16^0 + 16^2 + 22^2 + 27^0 = 53 + 160 + 162 + 222 + 270$	$867 := 7^3 + 16^1 + 18^0 + 22^2 + 23^1 = 73 + 161 + 180 + 222 + 231$
$867 := 5^3 + 16^2 + 17^0 + 22^2 + 26^0 = 53 + 162 + 170 + 222 + 260$	$867 := 7^3 + 17^1 + 18^0 + 22^1 + 22^2 = 73 + 171 + 180 + 221 + 222$
$867 := 5^3 + 16^2 + 18^0 + 22^2 + 25^0 = 53 + 162 + 180 + 222 + 250$	$867 := 7^3 + 18^0 + 18^1 + 21^1 + 22^2 = 73 + 180 + 181 + 211 + 222$
$867 := 5^3 + 16^2 + 19^0 + 22^2 + 24^0 = 53 + 162 + 190 + 222 + 240$	$867 := 7^3 + 18^0 + 19^1 + 20^1 + 22^2 = 73 + 180 + 191 + 201 + 222$
$867 := 5^3 + 16^2 + 20^0 + 22^2 + 23^0 = 53 + 162 + 200 + 222 + 230$	$867 := 7^3 + 9^2 + 21^2 + 22^0 + 27^0 = 73 + 92 + 212 + 220 + 270$
$867 := 5^3 + 16^2 + 21^0 + 22^0 + 22^2 = 53 + 162 + 210 + 220 + 222$	$867 := 7^3 + 9^2 + 21^2 + 23^0 + 26^0 = 73 + 92 + 212 + 230 + 260$
$867 := 5^3 + 8^2 + 20^0 + 26^2 + 27^0 = 53 + 82 + 200 + 262 + 270$	$867 := 7^3 + 9^2 + 21^2 + 24^0 + 25^0 = 73 + 92 + 212 + 240 + 250$
$867 := 5^3 + 8^2 + 21^0 + 26^0 + 26^2 = 53 + 82 + 210 + 260 + 262$	$867 := 8^2 + 10^2 + 16^0 + 26^1 + 26^2 = 82 + 102 + 160 + 261 + 262$
$867 := 5^3 + 8^2 + 22^0 + 25^0 + 26^2 = 53 + 82 + 220 + 250 + 262$	$867 := 8^2 + 16^2 + 17^1 + 22^0 + 23^2 = 82 + 162 + 171 + 220 + 232$
$867 := 5^3 + 8^2 + 23^0 + 24^0 + 26^2 = 53 + 82 + 230 + 240 + 262$	$867 := 8^2 + 8^3 + 17^2 + 26^0 + 27^0 = 82 + 83 + 172 + 260 + 270$
$867 := 5^4 + 15^1 + 15^2 + 24^0 + 27^0 = 54 + 151 + 152 + 240 + 270$	$867 := 9^2 + 12^1 + 17^2 + 22^2 + 26^0 = 92 + 121 + 172 + 222 + 260$
$867 := 5^4 + 15^1 + 15^2 + 25^0 + 26^0 = 54 + 151 + 152 + 250 + 260$	$867 := 9^2 + 12^2 + 16^1 + 24^0 + 25^2 = 92 + 122 + 161 + 240 + 252$
$867 := 6^2 + 18^0 + 18^2 + 22^1 + 22^2 = 62 + 180 + 182 + 221 + 222$	$867 := 9^2 + 13^1 + 14^2 + 24^2 + 26^0 = 92 + 131 + 142 + 242 + 260$
$867 := 6^2 + 9^2 + 20^1 + 24^0 + 27^2 = 62 + 92 + 201 + 240 + 272$	$867 := 9^2 + 14^0 + 19^2 + 20^2 + 24^1 = 92 + 140 + 192 + 202 + 241$
$867 := 7^2 + 11^2 + 20^1 + 22^0 + 26^2 = 72 + 112 + 201 + 220 + 262$	$867 := 9^2 + 18^0 + 18^2 + 20^1 + 21^2 = 92 + 180 + 182 + 201 + 212$
$867 := 7^2 + 13^2 + 18^0 + 23^1 + 25^2 = 72 + 132 + 180 + 231 + 252$	
$867 := 7^2 + 15^1 + 19^2 + 21^2 + 24^0 = 72 + 151 + 192 + 212 + 240$	

2.2.769 Number 868

$868 := 1^3 + 12^2 + 26^2 + 47^1 = 13 + 122 + 262 + 471$	$868 := 4^2 + 5^3 + 26^2 + 51^1 = 42 + 53 + 262 + 511$
$868 := 1^3 + 14^2 + 25^2 + 46^1 = 13 + 142 + 252 + 461$	$868 := 4^3 + 19^2 + 20^2 + 43^1 = 43 + 192 + 202 + 431$
$868 := 1^4 + 5^2 + 29^2 + 51^0 = 14 + 52 + 292 + 510$	$868 := 4^3 + 5^2 + 27^2 + 50^1 = 43 + 52 + 272 + 501$
$868 := 1^5 + 25^1 + 29^2 + 31^0 = 15 + 251 + 292 + 310$	$868 := 4^3 + 9^2 + 26^2 + 47^1 = 43 + 92 + 262 + 471$
$868 := 2^2 + 3^3 + 28^2 + 53^1 = 22 + 33 + 282 + 531$	$868 := 5^2 + 6^3 + 24^2 + 51^1 = 52 + 63 + 242 + 511$
$868 := 2^3 + 5^2 + 28^2 + 51^1 = 23 + 52 + 282 + 511$	$868 := 5^2 + 7^2 + 9^3 + 65^1 = 52 + 72 + 93 + 651$
$868 := 2^5 + 5^0 + 28^2 + 51^1 = 25 + 50 + 282 + 511$	$868 := 5^3 + 11^2 + 24^2 + 46^1 = 53 + 112 + 242 + 461$
$868 := 3^2 + 8^2 + 9^3 + 66^1 = 32 + 82 + 93 + 661$	$868 := 5^3 + 13^2 + 23^2 + 45^1 = 53 + 132 + 232 + 451$
$868 := 3^2 + 8^3 + 17^2 + 58^1 = 32 + 83 + 172 + 581$	$868 := 5^4 + 11^2 + 11^2 + 59^0 = 54 + 112 + 112 + 590$
$868 := 3^3 + 8^2 + 27^2 + 48^1 = 33 + 82 + 272 + 481$	$868 := 5^4 + 6^3 + 26^1 + 49^0 = 54 + 63 + 261 + 490$
$868 := 3^4 + 9^3 + 17^0 + 57^1 = 34 + 93 + 170 + 571$	$868 := 6^3 + 11^2 + 22^2 + 47^1 = 63 + 112 + 222 + 471$
$868 := 3^5 + 11^0 + 24^2 + 48^1 = 35 + 110 + 242 + 481$	$868 := 1^2 + 12^2 + 20^1 + 26^2 + 27^1 = 12 + 122 + 201 + 262 + 271$

$$\begin{aligned} 868 &:= 1^2 + 12^2 + 21^1 + 26^1 + 26^2 = 12 + 122 + 211 + 261 + 262 & 868 &:= 2^4 + 11^2 + 20^0 + 26^0 + 27^2 = 24 + 112 + 200 + 260 + 272 \\ 868 &:= 1^2 + 12^2 + 22^1 + 25^1 + 26^2 = 12 + 122 + 221 + 251 + 262 & 868 &:= 2^4 + 11^2 + 21^0 + 25^0 + 27^2 = 24 + 112 + 210 + 250 + 272 \\ 868 &:= 1^2 + 12^2 + 23^1 + 24^1 + 26^2 = 12 + 122 + 231 + 241 + 262 & 868 &:= 2^4 + 11^2 + 22^0 + 24^0 + 27^2 = 24 + 112 + 220 + 240 + 272 \\ 868 &:= 1^2 + 14^2 + 19^1 + 25^2 + 27^1 = 12 + 142 + 191 + 252 + 271 & 868 &:= 2^4 + 11^2 + 23^0 + 23^0 + 27^2 = 24 + 112 + 230 + 230 + 272 \\ 868 &:= 1^2 + 14^2 + 20^1 + 25^2 + 26^1 = 12 + 142 + 201 + 252 + 261 & 868 &:= 2^4 + 15^2 + 17^0 + 25^2 + 27^0 = 24 + 152 + 170 + 252 + 270 \\ 868 &:= 1^2 + 14^2 + 21^1 + 25^1 + 25^2 = 12 + 142 + 211 + 251 + 252 & 868 &:= 2^4 + 15^2 + 18^0 + 25^2 + 26^0 = 24 + 152 + 180 + 252 + 260 \\ 868 &:= 1^2 + 14^2 + 22^1 + 24^1 + 25^2 = 12 + 142 + 221 + 241 + 252 & 868 &:= 2^4 + 15^2 + 19^0 + 25^0 + 25^2 = 24 + 152 + 190 + 250 + 252 \\ 868 &:= 1^2 + 14^2 + 23^1 + 23^1 + 25^2 = 12 + 142 + 231 + 231 + 252 & 868 &:= 2^4 + 15^2 + 20^0 + 24^0 + 25^2 = 24 + 152 + 200 + 240 + 252 \\ 868 &:= 1^3 + 13^2 + 21^1 + 25^0 + 26^2 = 13 + 132 + 211 + 250 + 262 & 868 &:= 2^4 + 15^2 + 21^0 + 23^0 + 25^2 = 24 + 152 + 210 + 230 + 252 \\ 868 &:= 1^3 + 19^0 + 20^2 + 21^2 + 25^1 = 13 + 190 + 202 + 212 + 251 & 868 &:= 2^4 + 15^2 + 22^0 + 22^0 + 25^2 = 24 + 152 + 220 + 220 + 252 \\ 868 &:= 1^3 + 19^2 + 21^1 + 22^2 + 23^0 = 13 + 192 + 211 + 222 + 230 & 868 &:= 3^3 + 12^2 + 20^1 + 25^0 + 26^2 = 33 + 122 + 201 + 250 + 262 \\ 868 &:= 1^4 + 17^0 + 17^2 + 24^2 + 27^0 = 14 + 170 + 172 + 242 + 270 & 868 &:= 3^3 + 14^2 + 19^1 + 25^0 + 25^2 = 33 + 142 + 191 + 250 + 252 \\ 868 &:= 1^4 + 17^2 + 18^0 + 24^2 + 26^0 = 14 + 172 + 180 + 242 + 260 & 868 &:= 3^3 + 17^2 + 21^0 + 22^1 + 23^2 = 33 + 172 + 210 + 221 + 232 \\ 868 &:= 1^4 + 17^2 + 19^0 + 24^2 + 25^0 = 14 + 172 + 190 + 242 + 250 & 868 &:= 3^4 + 16^2 + 17^0 + 23^2 + 27^0 = 34 + 162 + 170 + 232 + 270 \\ 868 &:= 1^4 + 17^2 + 20^0 + 24^0 + 24^2 = 14 + 172 + 200 + 240 + 242 & 868 &:= 3^4 + 16^2 + 18^0 + 23^2 + 26^0 = 34 + 162 + 180 + 232 + 260 \\ 868 &:= 1^4 + 17^2 + 21^0 + 23^0 + 24^2 = 14 + 172 + 210 + 230 + 242 & 868 &:= 3^4 + 16^2 + 19^0 + 23^2 + 25^0 = 34 + 162 + 190 + 232 + 250 \\ 868 &:= 1^4 + 17^2 + 22^0 + 22^0 + 24^2 = 14 + 172 + 220 + 220 + 242 & 868 &:= 3^4 + 16^2 + 20^0 + 23^2 + 24^0 = 34 + 162 + 200 + 232 + 240 \\ 868 &:= 10^2 + 11^1 + 17^2 + 21^2 + 27^1 = 102 + 111 + 172 + 212 + 271 & 868 &:= 3^4 + 16^2 + 21^0 + 23^0 + 23^2 = 34 + 162 + 210 + 230 + 232 \\ 868 &:= 10^2 + 12^1 + 17^2 + 21^2 + 26^1 = 102 + 121 + 172 + 212 + 261 & 868 &:= 3^4 + 16^2 + 22^0 + 22^0 + 23^2 = 34 + 162 + 220 + 220 + 232 \\ 868 &:= 10^2 + 13^1 + 17^2 + 21^2 + 25^1 = 102 + 131 + 172 + 212 + 251 & 868 &:= 4^3 + 10^2 + 19^0 + 26^2 + 27^1 = 43 + 102 + 190 + 262 + 271 \\ 868 &:= 10^2 + 14^1 + 17^2 + 21^2 + 24^1 = 102 + 141 + 172 + 212 + 241 & 868 &:= 4^3 + 16^2 + 18^1 + 23^2 + 25^0 = 43 + 162 + 181 + 232 + 250 \\ 868 &:= 10^2 + 15^1 + 17^2 + 21^2 + 23^1 = 102 + 151 + 172 + 212 + 231 & 868 &:= 4^3 + 7^2 + 23^0 + 25^1 + 27^2 = 43 + 72 + 230 + 251 + 272 \\ 868 &:= 10^2 + 16^1 + 17^2 + 21^2 + 22^1 = 102 + 161 + 172 + 212 + 221 & 868 &:= 4^4 + 10^1 + 23^0 + 24^2 + 25^1 = 44 + 101 + 230 + 242 + 251 \\ 868 &:= 10^2 + 17^1 + 17^2 + 21^1 + 21^2 = 102 + 171 + 172 + 211 + 212 & 868 &:= 4^4 + 11^1 + 23^0 + 24^1 + 24^2 = 44 + 111 + 230 + 241 + 242 \\ 868 &:= 10^2 + 17^2 + 18^1 + 20^1 + 21^2 = 102 + 172 + 181 + 201 + 212 & 868 &:= 4^4 + 12^1 + 23^0 + 23^1 + 24^2 = 44 + 121 + 230 + 231 + 242 \\ 868 &:= 10^2 + 17^2 + 19^1 + 19^1 + 21^2 = 102 + 172 + 191 + 191 + 212 & 868 &:= 4^4 + 13^1 + 22^1 + 23^0 + 24^2 = 44 + 131 + 221 + 230 + 242 \\ 868 &:= 11^1 + 11^2 + 15^2 + 22^2 + 27^1 = 111 + 112 + 152 + 222 + 271 & 868 &:= 4^4 + 13^2 + 21^0 + 21^2 + 27^0 = 44 + 132 + 210 + 212 + 270 \\ 868 &:= 11^2 + 12^1 + 15^2 + 22^2 + 26^1 = 112 + 121 + 152 + 222 + 261 & 868 &:= 4^4 + 13^2 + 21^2 + 22^0 + 26^0 = 44 + 132 + 212 + 220 + 260 \\ 868 &:= 11^2 + 13^1 + 15^2 + 22^2 + 25^1 = 112 + 131 + 152 + 222 + 251 & 868 &:= 4^4 + 13^2 + 21^2 + 23^0 + 25^0 = 44 + 132 + 212 + 230 + 250 \\ 868 &:= 11^2 + 14^1 + 15^2 + 22^2 + 24^1 = 112 + 141 + 152 + 222 + 241 & 868 &:= 4^4 + 13^2 + 21^2 + 24^0 + 24^0 = 44 + 132 + 212 + 240 + 240 \\ 868 &:= 11^2 + 15^1 + 15^2 + 22^2 + 23^1 = 112 + 151 + 152 + 222 + 231 & 868 &:= 4^4 + 14^1 + 21^1 + 23^0 + 24^2 = 44 + 141 + 211 + 230 + 242 \\ 868 &:= 11^2 + 15^2 + 16^1 + 22^1 + 22^2 = 112 + 152 + 161 + 221 + 222 & 868 &:= 4^4 + 15^1 + 20^1 + 23^0 + 24^2 = 44 + 151 + 201 + 230 + 242 \\ 868 &:= 11^2 + 15^2 + 17^1 + 21^1 + 22^2 = 112 + 152 + 171 + 211 + 222 & 868 &:= 4^4 + 16^1 + 19^1 + 23^0 + 24^2 = 44 + 161 + 191 + 230 + 242 \\ 868 &:= 11^2 + 15^2 + 18^1 + 20^1 + 22^2 = 112 + 152 + 181 + 201 + 222 & 868 &:= 4^4 + 17^1 + 18^1 + 23^0 + 24^2 = 44 + 171 + 181 + 230 + 242 \\ 868 &:= 11^2 + 15^2 + 19^1 + 19^1 + 22^2 = 112 + 152 + 191 + 191 + 222 & 868 &:= 4^4 + 8^1 + 23^0 + 24^2 + 27^1 = 44 + 81 + 230 + 242 + 271 \\ 868 &:= 2^3 + 16^2 + 17^0 + 24^2 + 27^1 = 23 + 162 + 170 + 242 + 271 & 868 &:= 4^4 + 9^1 + 23^0 + 24^2 + 26^1 = 44 + 91 + 230 + 242 + 261 \\ 868 &:= 2^3 + 18^1 + 20^2 + 21^2 + 25^0 = 23 + 181 + 202 + 212 + 250 & 868 &:= 4^4 + 9^2 + 23^0 + 23^2 + 27^0 = 44 + 92 + 230 + 232 + 270 \\ 868 &:= 2^4 + 11^2 + 19^0 + 27^0 + 27^2 = 24 + 112 + 190 + 270 + 272 & 868 &:= 4^4 + 9^2 + 23^2 + 24^0 + 26^0 = 44 + 92 + 232 + 240 + 260 \end{aligned}$$

$868 := 4^4 + 9^2 + 23^2 + 25^0 + 25^0 = 44 + 92 + 232 + 250 + 250$	$868 := 6^3 + 10^2 + 22^1 + 23^2 + 25^0 = 63 + 102 + 221 + 232 + 250$
$868 := 5^2 + 14^1 + 19^2 + 21^2 + 27^1 = 52 + 141 + 192 + 212 + 271$	$868 := 6^3 + 12^2 + 22^2 + 23^0 + 23^1 = 63 + 122 + 222 + 230 + 231$
$868 := 5^2 + 15^1 + 15^2 + 24^2 + 27^1 = 52 + 151 + 152 + 242 + 271$	$868 := 6^3 + 15^2 + 19^0 + 20^2 + 26^1 = 63 + 152 + 190 + 202 + 261$
$868 := 5^2 + 15^1 + 19^2 + 21^2 + 26^1 = 52 + 151 + 192 + 212 + 261$	$868 := 6^3 + 7^2 + 23^0 + 24^2 + 26^1 = 63 + 72 + 230 + 242 + 261$
$868 := 5^2 + 15^2 + 16^1 + 24^2 + 26^1 = 52 + 152 + 161 + 242 + 261$	$868 := 7^2 + 10^2 + 16^1 + 26^2 + 27^1 = 72 + 102 + 161 + 262 + 271$
$868 := 5^2 + 15^2 + 17^1 + 24^2 + 25^1 = 52 + 152 + 171 + 242 + 251$	$868 := 7^2 + 10^2 + 17^1 + 26^1 + 26^2 = 72 + 102 + 171 + 261 + 262$
$868 := 5^2 + 15^2 + 18^1 + 24^1 + 24^2 = 52 + 152 + 181 + 241 + 242$	$868 := 7^2 + 10^2 + 18^1 + 25^1 + 26^2 = 72 + 102 + 181 + 251 + 262$
$868 := 5^2 + 15^2 + 19^1 + 23^1 + 24^2 = 52 + 152 + 191 + 231 + 242$	$868 := 7^2 + 10^2 + 19^1 + 24^1 + 26^2 = 72 + 102 + 191 + 241 + 262$
$868 := 5^2 + 15^2 + 20^1 + 22^1 + 24^2 = 52 + 152 + 201 + 221 + 242$	$868 := 7^2 + 10^2 + 20^1 + 23^1 + 26^2 = 72 + 102 + 201 + 231 + 262$
$868 := 5^2 + 15^2 + 21^1 + 21^1 + 24^2 = 52 + 152 + 211 + 211 + 242$	$868 := 7^2 + 10^2 + 21^1 + 22^1 + 26^2 = 72 + 102 + 211 + 221 + 262$
$868 := 5^2 + 16^1 + 19^2 + 21^2 + 25^1 = 52 + 161 + 192 + 212 + 251$	$868 := 7^3 + 10^2 + 20^2 + 24^1 + 25^0 = 73 + 102 + 202 + 241 + 250$
$868 := 5^2 + 17^1 + 19^2 + 21^2 + 24^1 = 52 + 171 + 192 + 212 + 241$	$868 := 8^2 + 12^1 + 18^2 + 21^2 + 27^1 = 82 + 121 + 182 + 212 + 271$
$868 := 5^2 + 18^1 + 19^2 + 21^2 + 23^1 = 52 + 181 + 192 + 212 + 231$	$868 := 8^2 + 13^1 + 18^2 + 21^2 + 26^1 = 82 + 131 + 182 + 212 + 261$
$868 := 5^2 + 19^1 + 19^2 + 21^2 + 22^1 = 52 + 191 + 192 + 212 + 221$	$868 := 8^2 + 14^1 + 18^2 + 21^2 + 25^1 = 82 + 141 + 182 + 212 + 251$
$868 := 5^2 + 19^2 + 20^1 + 21^1 + 21^2 = 52 + 192 + 201 + 211 + 212$	$868 := 8^2 + 15^1 + 18^2 + 21^2 + 24^1 = 82 + 151 + 182 + 212 + 241$
$868 := 5^3 + 12^2 + 22^1 + 23^0 + 24^2 = 53 + 122 + 221 + 230 + 242$	$868 := 8^2 + 16^1 + 18^2 + 21^2 + 23^1 = 82 + 161 + 182 + 212 + 231$
$868 := 5^3 + 14^2 + 17^1 + 23^2 + 27^0 = 53 + 142 + 171 + 232 + 270$	$868 := 8^2 + 17^1 + 18^2 + 21^2 + 22^1 = 82 + 171 + 182 + 212 + 221$
$868 := 5^3 + 18^1 + 18^2 + 20^2 + 25^0 = 53 + 181 + 182 + 202 + 250$	$868 := 8^2 + 18^1 + 18^2 + 21^1 + 21^2 = 82 + 181 + 182 + 211 + 212$
$868 := 5^3 + 19^2 + 19^2 + 20^1 + 23^0 = 53 + 192 + 192 + 201 + 230$	$868 := 8^2 + 18^2 + 19^1 + 20^1 + 21^2 = 82 + 182 + 191 + 201 + 212$
$868 := 5^4 + 14^2 + 19^1 + 21^0 + 27^1 = 54 + 142 + 191 + 210 + 271$	$868 := 9^2 + 11^2 + 14^1 + 25^2 + 27^1 = 92 + 112 + 141 + 252 + 271$
$868 := 5^4 + 14^2 + 20^1 + 21^0 + 26^1 = 54 + 142 + 201 + 210 + 261$	$868 := 9^2 + 11^2 + 15^1 + 25^2 + 26^1 = 92 + 112 + 151 + 252 + 261$
$868 := 5^4 + 14^2 + 21^0 + 21^1 + 25^1 = 54 + 142 + 210 + 211 + 251$	$868 := 9^2 + 11^2 + 16^1 + 25^1 + 25^2 = 92 + 112 + 161 + 251 + 252$
$868 := 5^4 + 14^2 + 21^0 + 22^1 + 24^1 = 54 + 142 + 210 + 221 + 241$	$868 := 9^2 + 11^2 + 17^1 + 24^1 + 25^2 = 92 + 112 + 171 + 241 + 252$
$868 := 5^4 + 14^2 + 21^0 + 23^1 + 23^1 = 54 + 142 + 210 + 231 + 231$	$868 := 9^2 + 11^2 + 18^1 + 23^1 + 25^2 = 92 + 112 + 181 + 231 + 252$
$868 := 5^4 + 6^3 + 23^0 + 25^1 + 27^0 = 54 + 63 + 230 + 251 + 270$	$868 := 9^2 + 11^2 + 19^1 + 22^1 + 25^2 = 92 + 112 + 191 + 221 + 252$
$868 := 5^4 + 6^3 + 24^0 + 25^1 + 26^0 = 54 + 63 + 240 + 251 + 260$	$868 := 9^2 + 11^2 + 20^1 + 21^1 + 25^2 = 92 + 112 + 201 + 211 + 252$
$868 := 5^4 + 6^3 + 25^0 + 25^0 + 25^1 = 54 + 63 + 250 + 250 + 251$	

2.2.770 Number 869

$869 := 3^5 + 5^4 + 78^0 = 35 + 54 + 780$	$869 := 3^6 + 11^2 + 18^1 + 54^0 = 36 + 112 + 181 + 540$
$869 := 1^6 + 26^1 + 29^2 + 30^0 = 16 + 261 + 292 + 300$	$869 := 3^6 + 9^2 + 16^0 + 58^1 = 36 + 92 + 160 + 581$
$869 := 2^6 + 20^1 + 28^2 + 36^0 = 26 + 201 + 282 + 360$	$869 := 4^4 + 8^3 + 10^2 + 64^0 = 44 + 83 + 102 + 640$
$869 := 2^8 + 2^9 + 10^2 + 71^0 = 28 + 29 + 102 + 710$	$869 := 1^4 + 13^2 + 22^1 + 24^0 + 26^2 = 14 + 132 + 221 + 240 + 262$
$869 := 3^5 + 15^2 + 20^2 + 48^0 = 35 + 152 + 202 + 480$	$869 := 1^4 + 18^0 + 20^2 + 21^2 + 26^1 = 14 + 180 + 202 + 212 + 261$
$869 := 3^5 + 5^4 + 78^0 = 35 + 54 + 780$	$869 := 1^4 + 19^2 + 22^0 + 22^1 + 22^2 = 14 + 192 + 220 + 221 + 222$
$869 := 3^5 + 7^2 + 24^2 + 52^0 = 35 + 72 + 242 + 520$	$869 := 2^4 + 10^2 + 23^1 + 24^0 + 27^2 = 24 + 102 + 231 + 240 + 272$
$869 := 3^6 + 10^2 + 34^0 + 39^1 = 36 + 102 + 340 + 391$	$869 := 2^4 + 16^2 + 20^1 + 24^0 + 24^2 = 24 + 162 + 201 + 240 + 242$

$$\begin{aligned} 869 &:= 3^4 + 18^0 + 19^2 + 20^2 + 26^1 = 34 + 180 + 192 + 202 + 261 \\ 869 &:= 3^4 + 18^2 + 21^2 + 22^0 + 22^1 = 34 + 182 + 212 + 220 + 221 \\ 869 &:= 3^5 + 10^0 + 22^1 + 24^2 + 27^1 = 35 + 100 + 221 + 242 + 271 \\ 869 &:= 3^5 + 10^0 + 23^1 + 24^2 + 26^1 = 35 + 100 + 231 + 242 + 261 \end{aligned}$$

$$\begin{aligned} 869 &:= 3^5 + 10^0 + 24^1 + 24^2 + 25^1 = 35 + 100 + 241 + 242 + 251 \\ 869 &:= 4^4 + 12^2 + 21^2 + 22^0 + 27^1 = 44 + 122 + 212 + 220 + 271 \\ 869 &:= 4^4 + 15^2 + 19^2 + 22^0 + 26^1 = 44 + 152 + 192 + 220 + 261 \end{aligned}$$

2.2.771 Number 870

$$\begin{aligned} 870 &:= 1^1 + 3^5 + 5^4 + 77^0 = 11 + 35 + 54 + 770 \\ 870 &:= 1^3 + 3^5 + 25^2 + 57^0 = 13 + 35 + 252 + 570 \\ 870 &:= 1^5 + 3^3 + 29^2 + 53^0 = 15 + 33 + 292 + 530 \\ 870 &:= 1^7 + 27^1 + 29^0 + 29^2 = 17 + 271 + 290 + 292 \\ 870 &:= 2^4 + 5^3 + 26^2 + 53^1 = 24 + 53 + 262 + 531 \\ 870 &:= 2^7 + 12^1 + 27^2 + 45^0 = 27 + 121 + 272 + 450 \\ 870 &:= 3^0 + 3^6 + 4^3 + 76^1 = 30 + 36 + 43 + 761 \\ 870 &:= 3^5 + 17^2 + 17^2 + 49^1 = 35 + 172 + 172 + 491 \\ 870 &:= 3^6 + 5^3 + 15^1 + 63^0 = 36 + 53 + 151 + 630 \\ 870 &:= 1^4 + 6^3 + 25^2 + 27^0 + 27^1 = 14 + 63 + 252 + 270 + 271 \\ 870 &:= 1^5 + 13^2 + 23^0 + 23^1 + 26^2 = 15 + 132 + 230 + 231 + 262 \\ 870 &:= 1^5 + 15^2 + 18^1 + 25^2 + 27^0 = 15 + 152 + 181 + 252 + 270 \\ 870 &:= 1^5 + 17^0 + 20^2 + 21^2 + 27^1 = 15 + 170 + 202 + 212 + 271 \end{aligned}$$

$$\begin{aligned} 870 &:= 1^5 + 19^2 + 21^0 + 22^2 + 23^1 = 15 + 192 + 210 + 222 + 231 \\ 870 &:= 2^5 + 17^2 + 19^1 + 23^2 + 25^0 = 25 + 172 + 191 + 232 + 250 \\ 870 &:= 2^5 + 9^2 + 21^0 + 27^1 + 27^2 = 25 + 92 + 210 + 271 + 272 \\ 870 &:= 2^7 + 11^1 + 19^0 + 27^0 + 27^2 = 27 + 111 + 190 + 270 + 272 \\ 870 &:= 2^7 + 11^1 + 20^0 + 26^0 + 27^2 = 27 + 111 + 200 + 260 + 272 \\ 870 &:= 2^7 + 11^1 + 21^0 + 25^0 + 27^2 = 27 + 111 + 210 + 250 + 272 \\ 870 &:= 2^7 + 11^1 + 22^0 + 24^0 + 27^2 = 27 + 111 + 220 + 240 + 272 \\ 870 &:= 2^7 + 11^1 + 23^0 + 23^0 + 27^2 = 27 + 111 + 230 + 230 + 272 \\ 870 &:= 3^4 + 8^2 + 22^1 + 26^2 + 27^1 = 34 + 82 + 221 + 262 + 271 \\ 870 &:= 3^4 + 8^2 + 23^1 + 26^1 + 26^2 = 34 + 82 + 231 + 261 + 262 \\ 870 &:= 3^4 + 8^2 + 24^1 + 25^1 + 26^2 = 34 + 82 + 241 + 251 + 262 \end{aligned}$$

2.2.772 Number 871

$$\begin{aligned} 871 &:= 1^8 + 28^0 + 28^1 + 29^2 = 18 + 280 + 281 + 292 \\ 871 &:= 2^7 + 9^3 + 13^1 + 62^0 = 27 + 93 + 131 + 620 \\ 871 &:= 2^8 + 22^0 + 24^2 + 38^1 = 28 + 220 + 242 + 381 \\ 871 &:= 3^4 + 3^6 + 20^0 + 60^1 = 34 + 36 + 200 + 601 \\ 871 &:= 3^6 + 4^2 + 5^3 + 74^0 = 36 + 42 + 53 + 740 \end{aligned}$$

$$\begin{aligned} 871 &:= 1^6 + 13^2 + 22^0 + 24^1 + 26^2 = 16 + 132 + 220 + 241 + 262 \\ 871 &:= 1^6 + 15^2 + 19^1 + 25^2 + 26^0 = 16 + 152 + 191 + 252 + 260 \\ 871 &:= 1^6 + 19^2 + 20^0 + 22^2 + 24^1 = 16 + 192 + 200 + 222 + 241 \\ 871 &:= 2^6 + 16^2 + 21^1 + 23^2 + 24^0 = 26 + 162 + 211 + 232 + 240 \end{aligned}$$

2.2.773 Number 872

$$\begin{aligned} 872 &:= 1^2 + 3^6 + 4^3 + 78^1 = 12 + 36 + 43 + 781 \\ 872 &:= 1^4 + 2^5 + 28^2 + 55^1 = 14 + 25 + 282 + 551 \\ 872 &:= 1^7 + 6^2 + 28^2 + 51^1 = 17 + 62 + 282 + 511 \\ 872 &:= 1^9 + 27^0 + 29^1 + 29^2 = 19 + 270 + 291 + 292 \\ 872 &:= 2^7 + 16^2 + 21^2 + 47^1 = 27 + 162 + 212 + 471 \\ 872 &:= 2^7 + 7^3 + 20^2 + 57^0 = 27 + 73 + 202 + 570 \\ 872 &:= 2^9 + 18^2 + 31^0 + 35^1 = 29 + 182 + 310 + 351 \\ 872 &:= 3^5 + 6^3 + 7^3 + 70^1 = 35 + 63 + 73 + 701 \end{aligned}$$

$$\begin{aligned} 872 &:= 1^7 + 11^2 + 20^1 + 27^0 + 27^2 = 17 + 112 + 201 + 270 + 272 \\ 872 &:= 1^7 + 13^2 + 21^0 + 25^1 + 26^2 = 17 + 132 + 210 + 251 + 262 \\ 872 &:= 1^7 + 15^2 + 20^1 + 25^0 + 25^2 = 17 + 152 + 201 + 250 + 252 \\ 872 &:= 1^7 + 17^1 + 18^2 + 23^2 + 27^0 = 17 + 171 + 182 + 232 + 270 \\ 872 &:= 1^7 + 19^0 + 19^2 + 22^2 + 25^1 = 17 + 190 + 192 + 222 + 251 \\ 872 &:= 2^7 + 12^2 + 23^1 + 24^2 + 25^0 = 27 + 122 + 231 + 242 + 250 \\ 872 &:= 2^7 + 18^2 + 19^1 + 20^2 + 27^0 = 27 + 182 + 191 + 202 + 270 \\ 872 &:= 2^7 + 19^2 + 19^2 + 21^1 + 25^0 = 27 + 192 + 192 + 211 + 250 \end{aligned}$$

$$872 := 2^8 + 12^1 + 21^0 + 24^2 + 27^1 = 28 + 121 + 210 + 242 + 271$$

$$872 := 2^8 + 13^1 + 21^0 + 24^2 + 26^1 = 28 + 131 + 210 + 242 + 261$$

$$872 := 2^8 + 14^1 + 21^0 + 24^2 + 25^1 = 28 + 141 + 210 + 242 + 251$$

$$872 := 2^8 + 15^1 + 21^0 + 24^1 + 24^2 = 28 + 151 + 210 + 241 + 242$$

$$872 := 2^8 + 16^1 + 21^0 + 23^1 + 24^2 = 28 + 161 + 210 + 231 + 242$$

$$872 := 2^8 + 17^1 + 21^0 + 22^1 + 24^2 = 28 + 171 + 210 + 221 + 242$$

$$872 := 2^8 + 18^1 + 21^0 + 21^1 + 24^2 = 28 + 181 + 210 + 211 + 242$$

$$872 := 2^8 + 19^1 + 20^1 + 21^0 + 24^2 = 28 + 191 + 201 + 210 + 242$$

$$872 := 3^6 + 4^3 + 25^1 + 27^1 + 27^1 = 36 + 43 + 251 + 271 + 271$$

$$872 := 3^6 + 4^3 + 26^1 + 26^1 + 27^1 = 36 + 43 + 261 + 261 + 271$$

2.2.774 Number 873

$$873 := 27^0 + 29^2 + 31^1 = 270 + 292 + 311$$

$$873 := 1^0 + 27^0 + 29^2 + 30^1 = 10 + 270 + 292 + 301$$

$$873 := 10^0 + 18^0 + 29^2 + 30^1 = 100 + 180 + 292 + 301$$

$$873 := 11^0 + 17^0 + 29^2 + 30^1 = 110 + 170 + 292 + 301$$

$$873 := 12^0 + 16^0 + 29^2 + 30^1 = 120 + 160 + 292 + 301$$

$$873 := 13^0 + 15^0 + 29^2 + 30^1 = 130 + 150 + 292 + 301$$

$$873 := 14^0 + 14^0 + 29^2 + 30^1 = 140 + 140 + 292 + 301$$

$$873 := 2^0 + 2^6 + 3^6 + 79^1 = 20 + 26 + 36 + 791$$

$$873 := 2^0 + 26^0 + 29^2 + 30^1 = 20 + 260 + 292 + 301$$

$$873 := 2^8 + 6^3 + 20^2 + 58^0 = 28 + 63 + 202 + 580$$

$$873 := 2^9 + 6^2 + 18^2 + 60^0 = 29 + 62 + 182 + 600$$

$$873 := 2^9 + 7^3 + 17^1 + 60^0 = 29 + 73 + 171 + 600$$

$$873 := 3^0 + 25^0 + 29^2 + 30^1 = 30 + 250 + 292 + 301$$

$$873 := 4^0 + 24^0 + 29^2 + 30^1 = 40 + 240 + 292 + 301$$

$$873 := 5^0 + 23^0 + 29^2 + 30^1 = 50 + 230 + 292 + 301$$

$$873 := 6^0 + 22^0 + 29^2 + 30^1 = 60 + 220 + 292 + 301$$

$$873 := 7^0 + 21^0 + 29^2 + 30^1 = 70 + 210 + 292 + 301$$

$$873 := 8^0 + 20^0 + 29^2 + 30^1 = 80 + 200 + 292 + 301$$

$$873 := 9^0 + 19^0 + 29^2 + 30^1 = 90 + 190 + 292 + 301$$

$$873 := 1^8 + 11^2 + 21^1 + 26^0 + 27^2 = 18 + 112 + 211 + 260 + 272$$

$$873 := 1^8 + 13^2 + 20^0 + 26^1 + 26^2 = 18 + 132 + 200 + 261 + 262$$

$$873 := 1^8 + 15^2 + 21^1 + 24^0 + 25^2 = 18 + 152 + 211 + 240 + 252$$

$$873 := 1^8 + 18^0 + 19^2 + 22^2 + 26^1 = 18 + 180 + 192 + 222 + 261$$

$$873 := 1^8 + 18^1 + 18^2 + 23^2 + 26^0 = 18 + 181 + 182 + 232 + 260$$

2.2.775 Number 874

$$874 := 12^2 + 27^2 + 48^0 = 122 + 272 + 480$$

$$874 := 1^0 + 14^2 + 26^2 + 46^0 = 10 + 142 + 262 + 460$$

$$874 := 1^1 + 2^6 + 3^6 + 80^1 = 11 + 26 + 36 + 801$$

$$874 := 1^1 + 26^0 + 29^2 + 31^1 = 11 + 260 + 292 + 311$$

$$874 := 1^9 + 7^3 + 23^2 + 55^0 = 19 + 73 + 232 + 550$$

$$874 := 10^0 + 14^2 + 26^2 + 37^0 = 100 + 142 + 262 + 370$$

$$874 := 10^1 + 22^1 + 26^0 + 29^2 = 101 + 221 + 260 + 292$$

$$874 := 11^0 + 14^2 + 26^2 + 36^0 = 110 + 142 + 262 + 360$$

$$874 := 11^1 + 21^1 + 26^0 + 29^2 = 111 + 211 + 260 + 292$$

$$874 := 12^0 + 14^2 + 26^2 + 35^0 = 120 + 142 + 262 + 350$$

$$874 := 12^1 + 20^1 + 26^0 + 29^2 = 121 + 201 + 260 + 292$$

$$874 := 13^0 + 14^2 + 26^2 + 34^0 = 130 + 142 + 262 + 340$$

$$874 := 13^1 + 19^1 + 26^0 + 29^2 = 131 + 191 + 260 + 292$$

$$874 := 14^0 + 14^2 + 26^2 + 33^0 = 140 + 142 + 262 + 330$$

$$874 := 14^1 + 18^1 + 26^0 + 29^2 = 141 + 181 + 260 + 292$$

$$874 := 14^2 + 15^0 + 26^2 + 32^0 = 142 + 150 + 262 + 320$$

$$874 := 14^2 + 16^0 + 26^2 + 31^0 = 142 + 160 + 262 + 310$$

$$874 := 14^2 + 17^0 + 26^2 + 30^0 = 142 + 170 + 262 + 300$$

$$874 := 14^2 + 18^0 + 26^2 + 29^0 = 142 + 180 + 262 + 290$$

$$874 := 14^2 + 19^0 + 26^2 + 28^0 = 142 + 190 + 262 + 280$$

$$874 := 14^2 + 20^0 + 26^2 + 27^0 = 142 + 200 + 262 + 270$$

$$874 := 14^2 + 21^0 + 26^0 + 26^2 = 142 + 210 + 260 + 262$$

$$874 := 14^2 + 22^0 + 25^0 + 26^2 = 142 + 220 + 250 + 262$$

$$874 := 14^2 + 23^0 + 24^0 + 26^2 = 142 + 230 + 240 + 262$$

$$874 := 15^1 + 17^1 + 26^0 + 29^2 = 151 + 171 + 260 + 292$$

$$874 := 16^1 + 16^1 + 26^0 + 29^2 = 161 + 161 + 260 + 292$$

$$874 := 2^0 + 14^2 + 26^2 + 45^0 = 20 + 142 + 262 + 450$$

$$874 := 2^1 + 2^6 + 3^6 + 79^1 = 21 + 26 + 36 + 791$$

$874 := 2^1 + 26^0 + 29^2 + 30^1$	$= 21 + 260 + 292 + 301$	$874 := 2^6 + 3^6 + 4^1 + 77^1$	$= 26 + 36 + 41 + 771$
$874 := 2^4 + 2^7 + 9^3 + 73^0$	$= 24 + 27 + 93 + 730$	$874 := 2^6 + 3^6 + 40^1 + 41^1$	$= 26 + 36 + 401 + 411$
$874 := 2^6 + 3^1 + 3^6 + 78^1$	$= 26 + 31 + 36 + 781$	$874 := 2^6 + 3^6 + 5^1 + 76^1$	$= 26 + 36 + 51 + 761$
$874 := 2^6 + 3^6 + 10^1 + 71^1$	$= 26 + 36 + 101 + 711$	$874 := 2^6 + 3^6 + 6^1 + 75^1$	$= 26 + 36 + 61 + 751$
$874 := 2^6 + 3^6 + 11^1 + 70^1$	$= 26 + 36 + 111 + 701$	$874 := 2^6 + 3^6 + 7^1 + 74^1$	$= 26 + 36 + 71 + 741$
$874 := 2^6 + 3^6 + 12^1 + 69^1$	$= 26 + 36 + 121 + 691$	$874 := 2^6 + 3^6 + 8^1 + 73^1$	$= 26 + 36 + 81 + 731$
$874 := 2^6 + 3^6 + 13^1 + 68^1$	$= 26 + 36 + 131 + 681$	$874 := 2^6 + 3^6 + 9^1 + 72^1$	$= 26 + 36 + 91 + 721$
$874 := 2^6 + 3^6 + 14^1 + 67^1$	$= 26 + 36 + 141 + 671$	$874 := 2^7 + 3^6 + 16^1 + 65^0$	$= 27 + 36 + 161 + 650$
$874 := 2^6 + 3^6 + 15^1 + 66^1$	$= 26 + 36 + 151 + 661$	$874 := 2^7 + 5^4 + 7^2 + 72^1$	$= 27 + 54 + 72 + 721$
$874 := 2^6 + 3^6 + 16^1 + 65^1$	$= 26 + 36 + 161 + 651$	$874 := 2^8 + 4^4 + 19^2 + 61^0$	$= 28 + 44 + 192 + 610$
$874 := 2^6 + 3^6 + 17^1 + 64^1$	$= 26 + 36 + 171 + 641$	$874 := 2^8 + 6^2 + 8^3 + 70^1$	$= 28 + 62 + 83 + 701$
$874 := 2^6 + 3^6 + 18^1 + 63^1$	$= 26 + 36 + 181 + 631$	$874 := 2^9 + 3^2 + 17^2 + 64^1$	$= 29 + 32 + 172 + 641$
$874 := 2^6 + 3^6 + 19^1 + 62^1$	$= 26 + 36 + 191 + 621$	$874 := 3^0 + 14^2 + 26^2 + 44^0$	$= 30 + 142 + 262 + 440$
$874 := 2^6 + 3^6 + 20^1 + 61^1$	$= 26 + 36 + 201 + 611$	$874 := 3^1 + 26^0 + 29^1 + 29^2$	$= 31 + 260 + 291 + 292$
$874 := 2^6 + 3^6 + 21^1 + 60^1$	$= 26 + 36 + 211 + 601$	$874 := 4^0 + 14^2 + 26^2 + 43^0$	$= 40 + 142 + 262 + 430$
$874 := 2^6 + 3^6 + 22^1 + 59^1$	$= 26 + 36 + 221 + 591$	$874 := 4^1 + 26^0 + 28^1 + 29^2$	$= 41 + 260 + 281 + 292$
$874 := 2^6 + 3^6 + 23^1 + 58^1$	$= 26 + 36 + 231 + 581$	$874 := 5^0 + 14^2 + 26^2 + 42^0$	$= 50 + 142 + 262 + 420$
$874 := 2^6 + 3^6 + 24^1 + 57^1$	$= 26 + 36 + 241 + 571$	$874 := 5^1 + 26^0 + 27^1 + 29^2$	$= 51 + 260 + 271 + 292$
$874 := 2^6 + 3^6 + 25^1 + 56^1$	$= 26 + 36 + 251 + 561$	$874 := 6^0 + 14^2 + 26^2 + 41^0$	$= 60 + 142 + 262 + 410$
$874 := 2^6 + 3^6 + 26^1 + 55^1$	$= 26 + 36 + 261 + 551$	$874 := 6^1 + 26^0 + 26^1 + 29^2$	$= 61 + 260 + 261 + 292$
$874 := 2^6 + 3^6 + 27^1 + 54^1$	$= 26 + 36 + 271 + 541$	$874 := 7^0 + 14^2 + 26^2 + 40^0$	$= 70 + 142 + 262 + 400$
$874 := 2^6 + 3^6 + 28^1 + 53^1$	$= 26 + 36 + 281 + 531$	$874 := 7^1 + 25^1 + 26^0 + 29^2$	$= 71 + 251 + 260 + 292$
$874 := 2^6 + 3^6 + 29^1 + 52^1$	$= 26 + 36 + 291 + 521$	$874 := 8^0 + 14^2 + 26^2 + 39^0$	$= 80 + 142 + 262 + 390$
$874 := 2^6 + 3^6 + 30^1 + 51^1$	$= 26 + 36 + 301 + 511$	$874 := 8^1 + 24^1 + 26^0 + 29^2$	$= 81 + 241 + 260 + 292$
$874 := 2^6 + 3^6 + 31^1 + 50^1$	$= 26 + 36 + 311 + 501$	$874 := 9^0 + 14^2 + 26^2 + 38^0$	$= 90 + 142 + 262 + 380$
$874 := 2^6 + 3^6 + 32^1 + 49^1$	$= 26 + 36 + 321 + 491$	$874 := 9^1 + 23^1 + 26^0 + 29^2$	$= 91 + 231 + 260 + 292$
$874 := 2^6 + 3^6 + 33^1 + 48^1$	$= 26 + 36 + 331 + 481$	$874 := 1^9 + 11^2 + 22^1 + 25^0 + 27^2$	$= 19 + 112 + 221 + 250 + 272$
$874 := 2^6 + 3^6 + 34^1 + 47^1$	$= 26 + 36 + 341 + 471$	$874 := 1^9 + 13^2 + 19^0 + 26^2 + 27^1$	$= 19 + 132 + 190 + 262 + 271$
$874 := 2^6 + 3^6 + 35^1 + 46^1$	$= 26 + 36 + 351 + 461$	$874 := 1^9 + 15^2 + 22^1 + 23^0 + 25^2$	$= 19 + 152 + 221 + 230 + 252$
$874 := 2^6 + 3^6 + 36^1 + 45^1$	$= 26 + 36 + 361 + 451$	$874 := 1^9 + 17^0 + 19^2 + 22^2 + 27^1$	$= 19 + 170 + 192 + 222 + 271$
$874 := 2^6 + 3^6 + 37^1 + 44^1$	$= 26 + 36 + 371 + 441$	$874 := 1^9 + 18^2 + 19^1 + 23^2 + 25^0$	$= 19 + 182 + 191 + 232 + 250$
$874 := 2^6 + 3^6 + 38^1 + 43^1$	$= 26 + 36 + 381 + 431$	$874 := 2^8 + 9^2 + 22^2 + 26^1 + 27^1$	$= 28 + 92 + 222 + 261 + 271$
$874 := 2^6 + 3^6 + 39^1 + 42^1$	$= 26 + 36 + 391 + 421$		

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$875 := 1^0 + 8^3 + 19^2 + 59^0$	$= 10 + 83 + 192 + 590$	$875 := 1^1 + 12^2 + 27^2 + 47^0$	$= 11 + 122 + 272 + 470$
$875 := 1^0 + 9^3 + 12^2 + 65^0$	$= 10 + 93 + 122 + 650$	$875 := 1^2 + 25^0 + 29^2 + 32^1$	$= 12 + 250 + 292 + 321$

$875 := 1^4 + 2^9 + 19^2 + 64^0$	$= 14 + 29 + 192 + 640$	$875 := 8^3 + 16^0 + 19^2 + 44^0$	$= 83 + 160 + 192 + 440$
$875 := 1^7 + 3^6 + 12^2 + 70^0$	$= 17 + 36 + 122 + 700$	$875 := 8^3 + 17^0 + 19^2 + 43^0$	$= 83 + 170 + 192 + 430$
$875 := 1^8 + 2^5 + 29^2 + 54^0$	$= 18 + 25 + 292 + 540$	$875 := 8^3 + 18^0 + 19^2 + 42^0$	$= 83 + 180 + 192 + 420$
$875 := 11^2 + 24^1 + 25^0 + 27^2$	$= 112 + 241 + 250 + 272$	$875 := 8^3 + 19^0 + 19^2 + 41^0$	$= 83 + 190 + 192 + 410$
$875 := 13^0 + 20^2 + 21^2 + 33^1$	$= 130 + 202 + 212 + 331$	$875 := 8^3 + 19^2 + 20^0 + 40^0$	$= 83 + 192 + 200 + 400$
$875 := 13^2 + 19^0 + 26^2 + 29^1$	$= 132 + 190 + 262 + 291$	$875 := 8^3 + 19^2 + 21^0 + 39^0$	$= 83 + 192 + 210 + 390$
$875 := 15^2 + 23^0 + 24^1 + 25^2$	$= 152 + 230 + 241 + 252$	$875 := 8^3 + 19^2 + 22^0 + 38^0$	$= 83 + 192 + 220 + 380$
$875 := 17^0 + 19^2 + 22^2 + 29^1$	$= 170 + 192 + 222 + 291$	$875 := 8^3 + 19^2 + 23^0 + 37^0$	$= 83 + 192 + 230 + 370$
$875 := 18^2 + 21^1 + 23^2 + 25^0$	$= 182 + 211 + 232 + 250$	$875 := 8^3 + 19^2 + 24^0 + 36^0$	$= 83 + 192 + 240 + 360$
$875 := 2^0 + 8^3 + 19^2 + 58^0$	$= 20 + 83 + 192 + 580$	$875 := 8^3 + 19^2 + 25^0 + 35^0$	$= 83 + 192 + 250 + 350$
$875 := 2^0 + 9^3 + 12^2 + 64^0$	$= 20 + 93 + 122 + 640$	$875 := 8^3 + 19^2 + 26^0 + 34^0$	$= 83 + 192 + 260 + 340$
$875 := 2^1 + 14^2 + 26^2 + 45^0$	$= 21 + 142 + 262 + 450$	$875 := 8^3 + 19^2 + 27^0 + 33^0$	$= 83 + 192 + 270 + 330$
$875 := 2^2 + 27^0 + 29^1 + 29^2$	$= 22 + 270 + 291 + 292$	$875 := 8^3 + 19^2 + 28^0 + 32^0$	$= 83 + 192 + 280 + 320$
$875 := 3^0 + 8^3 + 19^2 + 57^0$	$= 30 + 83 + 192 + 570$	$875 := 8^3 + 19^2 + 29^0 + 31^0$	$= 83 + 192 + 290 + 310$
$875 := 3^0 + 9^3 + 12^2 + 63^0$	$= 30 + 93 + 122 + 630$	$875 := 8^3 + 19^2 + 30^0 + 30^0$	$= 83 + 192 + 300 + 300$
$875 := 3^2 + 24^1 + 29^2 + 31^0$	$= 32 + 241 + 292 + 310$	$875 := 8^3 + 9^0 + 19^2 + 51^0$	$= 83 + 90 + 192 + 510$
$875 := 4^0 + 8^3 + 19^2 + 56^0$	$= 40 + 83 + 192 + 560$	$875 := 9^0 + 9^3 + 12^2 + 57^0$	$= 90 + 93 + 122 + 570$
$875 := 4^0 + 9^3 + 12^2 + 62^0$	$= 40 + 93 + 122 + 620$	$875 := 9^1 + 17^2 + 24^2 + 37^0$	$= 91 + 172 + 242 + 370$
$875 := 4^2 + 17^1 + 29^2 + 37^0$	$= 42 + 171 + 292 + 370$	$875 := 9^1 + 9^2 + 28^2 + 41^0$	$= 91 + 92 + 282 + 410$
$875 := 5^0 + 10^2 + 27^2 + 45^1$	$= 50 + 102 + 272 + 451$	$875 := 9^3 + 10^0 + 12^2 + 56^0$	$= 93 + 100 + 122 + 560$
$875 := 5^0 + 16^2 + 24^2 + 42^1$	$= 50 + 162 + 242 + 421$	$875 := 9^3 + 11^0 + 12^2 + 55^0$	$= 93 + 110 + 122 + 550$
$875 := 5^0 + 8^3 + 19^2 + 55^0$	$= 50 + 83 + 192 + 550$	$875 := 9^3 + 12^0 + 12^2 + 54^0$	$= 93 + 120 + 122 + 540$
$875 := 5^0 + 9^3 + 12^2 + 61^0$	$= 50 + 93 + 122 + 610$	$875 := 9^3 + 12^2 + 13^0 + 53^0$	$= 93 + 122 + 130 + 530$
$875 := 5^2 + 8^1 + 29^2 + 45^0$	$= 52 + 81 + 292 + 450$	$875 := 9^3 + 12^2 + 14^0 + 52^0$	$= 93 + 122 + 140 + 520$
$875 := 6^0 + 8^3 + 19^2 + 54^0$	$= 60 + 83 + 192 + 540$	$875 := 9^3 + 12^2 + 15^0 + 51^0$	$= 93 + 122 + 150 + 510$
$875 := 6^0 + 9^3 + 12^2 + 60^0$	$= 60 + 93 + 122 + 600$	$875 := 9^3 + 12^2 + 16^0 + 50^0$	$= 93 + 122 + 160 + 500$
$875 := 7^0 + 8^3 + 19^2 + 53^0$	$= 70 + 83 + 192 + 530$	$875 := 9^3 + 12^2 + 17^0 + 49^0$	$= 93 + 122 + 170 + 490$
$875 := 7^0 + 9^3 + 12^2 + 59^0$	$= 70 + 93 + 122 + 590$	$875 := 9^3 + 12^2 + 18^0 + 48^0$	$= 93 + 122 + 180 + 480$
$875 := 7^2 + 11^0 + 28^2 + 41^1$	$= 72 + 110 + 282 + 411$	$875 := 9^3 + 12^2 + 19^0 + 47^0$	$= 93 + 122 + 190 + 470$
$875 := 8^0 + 8^3 + 19^2 + 52^0$	$= 80 + 83 + 192 + 520$	$875 := 9^3 + 12^2 + 20^0 + 46^0$	$= 93 + 122 + 200 + 460$
$875 := 8^0 + 9^3 + 12^2 + 58^0$	$= 80 + 93 + 122 + 580$	$875 := 9^3 + 12^2 + 21^0 + 45^0$	$= 93 + 122 + 210 + 450$
$875 := 8^2 + 25^0 + 26^1 + 28^2$	$= 82 + 250 + 261 + 282$	$875 := 9^3 + 12^2 + 22^0 + 44^0$	$= 93 + 122 + 220 + 440$
$875 := 8^3 + 10^0 + 19^2 + 50^0$	$= 83 + 100 + 192 + 500$	$875 := 9^3 + 12^2 + 23^0 + 43^0$	$= 93 + 122 + 230 + 430$
$875 := 8^3 + 11^0 + 19^2 + 49^0$	$= 83 + 110 + 192 + 490$	$875 := 9^3 + 12^2 + 24^0 + 42^0$	$= 93 + 122 + 240 + 420$
$875 := 8^3 + 12^0 + 19^2 + 48^0$	$= 83 + 120 + 192 + 480$	$875 := 9^3 + 12^2 + 25^0 + 41^0$	$= 93 + 122 + 250 + 410$
$875 := 8^3 + 13^0 + 19^2 + 47^0$	$= 83 + 130 + 192 + 470$	$875 := 9^3 + 12^2 + 26^0 + 40^0$	$= 93 + 122 + 260 + 400$
$875 := 8^3 + 14^0 + 19^2 + 46^0$	$= 83 + 140 + 192 + 460$	$875 := 9^3 + 12^2 + 27^0 + 39^0$	$= 93 + 122 + 270 + 390$
$875 := 8^3 + 15^0 + 19^2 + 45^0$	$= 83 + 150 + 192 + 450$	$875 := 9^3 + 12^2 + 28^0 + 38^0$	$= 93 + 122 + 280 + 380$

$875 := 9^3 + 12^2 + 29^0 + 37^0 = 93 + 122 + 290 + 370$	$875 := 5^0 + 7^3 + 23^2 + 25^0 + 27^0 = 50 + 73 + 232 + 250 + 270$
$875 := 9^3 + 12^2 + 30^0 + 36^0 = 93 + 122 + 300 + 360$	$875 := 5^0 + 7^3 + 23^2 + 26^0 + 26^0 = 50 + 73 + 232 + 260 + 260$
$875 := 9^3 + 12^2 + 31^0 + 35^0 = 93 + 122 + 310 + 350$	$875 := 6^0 + 11^2 + 20^0 + 23^1 + 27^2 = 60 + 112 + 200 + 231 + 272$
$875 := 9^3 + 12^2 + 32^0 + 34^0 = 93 + 122 + 320 + 340$	$875 := 6^0 + 15^2 + 18^0 + 23^1 + 25^2 = 60 + 152 + 180 + 231 + 252$
$875 := 9^3 + 12^2 + 33^0 + 33^0 = 93 + 122 + 330 + 330$	$875 := 6^0 + 18^2 + 20^0 + 20^1 + 23^2 = 60 + 182 + 200 + 201 + 232$
$875 := 1^0 + 11^2 + 23^1 + 25^0 + 27^2 = 10 + 112 + 231 + 250 + 272$	$875 := 6^0 + 7^3 + 23^2 + 24^0 + 27^0 = 60 + 73 + 232 + 240 + 270$
$875 := 1^0 + 15^2 + 23^0 + 23^1 + 25^2 = 10 + 152 + 230 + 231 + 252$	$875 := 6^0 + 7^3 + 23^2 + 25^0 + 26^0 = 60 + 73 + 232 + 250 + 260$
$875 := 1^0 + 18^2 + 20^1 + 23^2 + 25^0 = 10 + 182 + 201 + 232 + 250$	$875 := 7^0 + 11^2 + 19^0 + 23^1 + 27^2 = 70 + 112 + 190 + 231 + 272$
$875 := 1^1 + 14^2 + 19^0 + 26^2 + 27^0 = 11 + 142 + 190 + 262 + 270$	$875 := 7^0 + 15^2 + 17^0 + 23^1 + 25^2 = 70 + 152 + 170 + 231 + 252$
$875 := 1^1 + 14^2 + 20^0 + 26^0 + 26^2 = 11 + 142 + 200 + 260 + 262$	$875 := 7^0 + 18^2 + 19^0 + 20^1 + 23^2 = 70 + 182 + 190 + 201 + 232$
$875 := 1^1 + 14^2 + 21^0 + 25^0 + 26^2 = 11 + 142 + 210 + 250 + 262$	$875 := 7^0 + 7^3 + 23^0 + 23^2 + 27^0 = 70 + 73 + 230 + 232 + 270$
$875 := 1^1 + 14^2 + 22^0 + 24^0 + 26^2 = 11 + 142 + 220 + 240 + 262$	$875 := 7^0 + 7^3 + 23^2 + 24^0 + 26^0 = 70 + 73 + 232 + 240 + 260$
$875 := 1^1 + 14^2 + 23^0 + 23^0 + 26^2 = 11 + 142 + 230 + 230 + 262$	$875 := 7^0 + 7^3 + 23^2 + 25^0 + 25^0 = 70 + 73 + 232 + 250 + 250$
$875 := 10^0 + 11^2 + 16^0 + 23^1 + 27^2 = 100 + 112 + 160 + 231 + 272$	$875 := 7^3 + 10^0 + 20^0 + 23^2 + 27^0 = 73 + 100 + 200 + 232 + 270$
$875 := 10^0 + 14^0 + 15^2 + 23^1 + 25^2 = 100 + 140 + 152 + 231 + 252$	$875 := 7^3 + 10^0 + 21^0 + 23^2 + 26^0 = 73 + 100 + 210 + 232 + 260$
$875 := 10^0 + 16^0 + 18^2 + 20^1 + 23^2 = 100 + 160 + 182 + 201 + 232$	$875 := 7^3 + 10^0 + 22^0 + 23^2 + 25^0 = 73 + 100 + 220 + 232 + 250$
$875 := 11^0 + 11^2 + 15^0 + 23^1 + 27^2 = 110 + 112 + 150 + 231 + 272$	$875 := 7^3 + 10^0 + 23^0 + 23^2 + 24^0 = 73 + 100 + 230 + 232 + 240$
$875 := 11^0 + 13^0 + 15^2 + 23^1 + 25^2 = 110 + 130 + 152 + 231 + 252$	$875 := 7^3 + 11^0 + 19^0 + 23^2 + 27^0 = 73 + 110 + 190 + 232 + 270$
$875 := 11^0 + 15^0 + 18^2 + 20^1 + 23^2 = 110 + 150 + 182 + 201 + 232$	$875 := 7^3 + 11^0 + 20^0 + 23^2 + 26^0 = 73 + 110 + 200 + 232 + 260$
$875 := 11^2 + 12^0 + 14^0 + 23^1 + 27^2 = 112 + 120 + 140 + 231 + 272$	$875 := 7^3 + 11^0 + 21^0 + 23^2 + 25^0 = 73 + 110 + 210 + 232 + 250$
$875 := 11^2 + 13^0 + 13^0 + 23^1 + 27^2 = 112 + 130 + 130 + 231 + 272$	$875 := 7^3 + 11^0 + 22^0 + 23^2 + 24^0 = 73 + 110 + 220 + 232 + 240$
$875 := 12^0 + 12^0 + 15^2 + 23^1 + 25^2 = 120 + 120 + 152 + 231 + 252$	$875 := 7^3 + 11^0 + 23^0 + 23^0 + 23^2 = 73 + 110 + 230 + 230 + 232$
$875 := 12^0 + 14^0 + 18^2 + 20^1 + 23^2 = 120 + 140 + 182 + 201 + 232$	$875 := 7^3 + 12^0 + 18^0 + 23^2 + 27^0 = 73 + 120 + 180 + 232 + 270$
$875 := 13^0 + 13^0 + 18^2 + 20^1 + 23^2 = 130 + 130 + 182 + 201 + 232$	$875 := 7^3 + 12^0 + 19^0 + 23^2 + 26^0 = 73 + 120 + 190 + 232 + 260$
$875 := 2^0 + 11^2 + 23^1 + 24^0 + 27^2 = 20 + 112 + 231 + 240 + 272$	$875 := 7^3 + 12^0 + 20^0 + 23^2 + 25^0 = 73 + 120 + 200 + 232 + 250$
$875 := 2^0 + 15^2 + 22^0 + 23^1 + 25^2 = 20 + 152 + 220 + 231 + 252$	$875 := 7^3 + 12^0 + 21^0 + 23^2 + 24^0 = 73 + 120 + 210 + 232 + 240$
$875 := 2^0 + 18^2 + 20^1 + 23^2 + 24^0 = 20 + 182 + 201 + 232 + 240$	$875 := 7^3 + 12^0 + 22^0 + 23^0 + 23^2 = 73 + 120 + 220 + 230 + 232$
$875 := 3^0 + 11^2 + 23^0 + 23^1 + 27^2 = 30 + 112 + 230 + 231 + 272$	$875 := 7^3 + 13^0 + 17^0 + 23^2 + 27^0 = 73 + 130 + 170 + 232 + 270$
$875 := 3^0 + 15^2 + 21^0 + 23^1 + 25^2 = 30 + 152 + 210 + 231 + 252$	$875 := 7^3 + 13^0 + 18^0 + 23^2 + 26^0 = 73 + 130 + 180 + 232 + 260$
$875 := 3^0 + 18^2 + 20^1 + 23^0 + 23^2 = 30 + 182 + 201 + 230 + 232$	$875 := 7^3 + 13^0 + 19^0 + 23^2 + 25^0 = 73 + 130 + 190 + 232 + 250$
$875 := 3^0 + 7^3 + 23^2 + 27^0 + 27^0 = 30 + 73 + 232 + 270 + 270$	$875 := 7^3 + 13^0 + 20^0 + 23^2 + 24^0 = 73 + 130 + 200 + 232 + 240$
$875 := 4^0 + 11^2 + 22^0 + 23^1 + 27^2 = 40 + 112 + 220 + 231 + 272$	$875 := 7^3 + 13^0 + 21^0 + 23^0 + 23^2 = 73 + 130 + 210 + 230 + 232$
$875 := 4^0 + 15^2 + 20^0 + 23^1 + 25^2 = 40 + 152 + 200 + 231 + 252$	$875 := 7^3 + 13^0 + 22^0 + 22^0 + 23^2 = 73 + 130 + 220 + 220 + 232$
$875 := 4^0 + 18^2 + 20^1 + 22^0 + 23^2 = 40 + 182 + 201 + 220 + 232$	$875 := 7^3 + 14^0 + 16^0 + 23^2 + 27^0 = 73 + 140 + 160 + 232 + 270$
$875 := 4^0 + 7^3 + 23^2 + 26^0 + 27^0 = 40 + 73 + 232 + 260 + 270$	$875 := 7^3 + 14^0 + 17^0 + 23^2 + 26^0 = 73 + 140 + 170 + 232 + 260$
$875 := 5^0 + 11^2 + 21^0 + 23^1 + 27^2 = 50 + 112 + 210 + 231 + 272$	$875 := 7^3 + 14^0 + 18^0 + 23^2 + 25^0 = 73 + 140 + 180 + 232 + 250$
$875 := 5^0 + 15^2 + 19^0 + 23^1 + 25^2 = 50 + 152 + 190 + 231 + 252$	$875 := 7^3 + 14^0 + 19^0 + 23^2 + 24^0 = 73 + 140 + 190 + 232 + 240$
$875 := 5^0 + 18^2 + 20^1 + 21^0 + 23^2 = 50 + 182 + 201 + 210 + 232$	$875 := 7^3 + 14^0 + 20^0 + 23^0 + 23^2 = 73 + 140 + 200 + 230 + 232$

$875 := 7^3 + 14^0 + 21^0 + 22^0 + 23^2 = 73 + 140 + 210 + 220 + 232$	$875 := 7^3 + 8^0 + 23^2 + 24^0 + 25^0 = 73 + 80 + 232 + 240 + 250$
$875 := 7^3 + 15^0 + 15^0 + 23^2 + 27^0 = 73 + 150 + 150 + 232 + 270$	$875 := 7^3 + 9^0 + 21^0 + 23^2 + 27^0 = 73 + 90 + 210 + 232 + 270$
$875 := 7^3 + 15^0 + 16^0 + 23^2 + 26^0 = 73 + 150 + 160 + 232 + 260$	$875 := 7^3 + 9^0 + 22^0 + 23^2 + 26^0 = 73 + 90 + 220 + 232 + 260$
$875 := 7^3 + 15^0 + 17^0 + 23^2 + 25^0 = 73 + 150 + 170 + 232 + 250$	$875 := 7^3 + 9^0 + 23^0 + 23^2 + 25^0 = 73 + 90 + 230 + 232 + 250$
$875 := 7^3 + 15^0 + 18^0 + 23^2 + 24^0 = 73 + 150 + 180 + 232 + 240$	$875 := 7^3 + 9^0 + 23^2 + 24^0 + 24^0 = 73 + 90 + 232 + 240 + 240$
$875 := 7^3 + 15^0 + 19^0 + 23^0 + 23^2 = 73 + 150 + 190 + 230 + 232$	$875 := 8^0 + 11^2 + 18^0 + 23^1 + 27^2 = 80 + 112 + 180 + 231 + 272$
$875 := 7^3 + 15^0 + 20^0 + 22^0 + 23^2 = 73 + 150 + 200 + 220 + 232$	$875 := 8^0 + 15^2 + 16^0 + 23^1 + 25^2 = 80 + 152 + 160 + 231 + 252$
$875 := 7^3 + 15^0 + 21^0 + 21^0 + 23^2 = 73 + 150 + 210 + 210 + 232$	$875 := 8^0 + 18^0 + 18^2 + 20^1 + 23^2 = 80 + 180 + 182 + 201 + 232$
$875 := 7^3 + 16^0 + 16^0 + 23^2 + 25^0 = 73 + 160 + 160 + 232 + 250$	$875 := 8^1 + 11^0 + 17^2 + 24^2 + 27^0 = 81 + 110 + 172 + 242 + 270$
$875 := 7^3 + 16^0 + 17^0 + 23^2 + 24^0 = 73 + 160 + 170 + 232 + 240$	$875 := 8^1 + 12^0 + 17^2 + 24^2 + 26^0 = 81 + 120 + 172 + 242 + 260$
$875 := 7^3 + 16^0 + 18^0 + 23^0 + 23^2 = 73 + 160 + 180 + 230 + 232$	$875 := 8^1 + 13^0 + 17^2 + 24^2 + 25^0 = 81 + 130 + 172 + 242 + 250$
$875 := 7^3 + 16^0 + 19^0 + 22^0 + 23^2 = 73 + 160 + 190 + 220 + 232$	$875 := 8^1 + 14^0 + 17^2 + 24^0 + 24^2 = 81 + 140 + 172 + 240 + 242$
$875 := 7^3 + 16^0 + 20^0 + 21^0 + 23^2 = 73 + 160 + 200 + 210 + 232$	$875 := 8^1 + 15^0 + 17^2 + 23^0 + 24^2 = 81 + 150 + 172 + 230 + 242$
$875 := 7^3 + 17^0 + 17^0 + 23^0 + 23^2 = 73 + 170 + 170 + 230 + 232$	$875 := 8^1 + 16^0 + 17^2 + 22^0 + 24^2 = 81 + 160 + 172 + 220 + 242$
$875 := 7^3 + 17^0 + 18^0 + 22^0 + 23^2 = 73 + 170 + 180 + 220 + 232$	$875 := 8^1 + 17^0 + 17^2 + 21^0 + 24^2 = 81 + 170 + 172 + 210 + 242$
$875 := 7^3 + 17^0 + 19^0 + 21^0 + 23^2 = 73 + 170 + 190 + 210 + 232$	$875 := 8^1 + 17^2 + 18^0 + 20^0 + 24^2 = 81 + 172 + 180 + 200 + 242$
$875 := 7^3 + 17^0 + 20^0 + 20^0 + 23^2 = 73 + 170 + 200 + 200 + 232$	$875 := 8^1 + 17^2 + 19^0 + 19^0 + 24^2 = 81 + 172 + 190 + 190 + 242$
$875 := 7^3 + 18^0 + 18^0 + 21^0 + 23^2 = 73 + 180 + 180 + 210 + 232$	$875 := 9^0 + 11^2 + 17^0 + 23^1 + 27^2 = 90 + 112 + 170 + 231 + 272$
$875 := 7^3 + 18^0 + 19^0 + 20^0 + 23^2 = 73 + 180 + 190 + 200 + 232$	$875 := 9^0 + 15^0 + 15^2 + 23^1 + 25^2 = 90 + 150 + 152 + 231 + 252$
$875 := 7^3 + 19^0 + 19^0 + 19^0 + 23^2 = 73 + 190 + 190 + 190 + 232$	$875 := 9^0 + 17^0 + 18^2 + 20^1 + 23^2 = 90 + 170 + 182 + 201 + 232$
$875 := 7^3 + 8^0 + 22^0 + 23^2 + 27^0 = 73 + 80 + 220 + 232 + 270$	
$875 := 7^3 + 8^0 + 23^0 + 23^2 + 26^0 = 73 + 80 + 230 + 232 + 260$	

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$876 := 1^3 + 24^0 + 29^2 + 33^1 = 13 + 240 + 292 + 331$	$876 := 5^3 + 21^1 + 27^2 + 34^0 = 53 + 211 + 272 + 340$
$876 := 11^2 + 15^2 + 23^2 + 38^0 = 112 + 152 + 232 + 380$	$876 := 6^3 + 22^0 + 25^2 + 34^1 = 63 + 220 + 252 + 341$
$876 := 15^2 + 17^2 + 19^2 + 36^0 = 152 + 172 + 192 + 360$	$876 := 7^3 + 10^0 + 22^2 + 48^1 = 73 + 100 + 222 + 481$
$876 := 2^1 + 8^3 + 19^2 + 58^0 = 21 + 83 + 192 + 580$	$876 := 8^3 + 18^2 + 22^0 + 39^1 = 83 + 182 + 220 + 391$
$876 := 2^1 + 9^3 + 12^2 + 64^0 = 21 + 93 + 122 + 640$	$876 := 9^2 + 13^2 + 25^2 + 40^0 = 92 + 132 + 252 + 400$
$876 := 2^3 + 26^1 + 29^2 + 30^0 = 23 + 261 + 292 + 300$	$876 := 9^3 + 10^2 + 22^0 + 46^1 = 93 + 102 + 220 + 461$
$876 := 2^5 + 2^8 + 23^2 + 59^1 = 25 + 28 + 232 + 591$	$876 := 9^3 + 11^2 + 25^1 + 42^0 = 93 + 112 + 251 + 420$
$876 := 3^1 + 7^3 + 23^2 + 54^0 = 31 + 73 + 232 + 540$	$876 := 1^1 + 11^2 + 24^0 + 24^1 + 27^2 = 11 + 112 + 240 + 241 + 272$
$876 := 3^2 + 5^2 + 29^2 + 50^0 = 32 + 52 + 292 + 500$	$876 := 1^1 + 15^2 + 22^0 + 24^1 + 25^2 = 11 + 152 + 220 + 241 + 252$
$876 := 3^3 + 7^1 + 29^2 + 48^0 = 33 + 71 + 292 + 480$	$876 := 1^1 + 18^2 + 21^1 + 23^2 + 24^0 = 11 + 182 + 211 + 232 + 240$
$876 := 4^0 + 9^2 + 9^3 + 65^1 = 40 + 92 + 93 + 651$	$876 := 1^2 + 12^2 + 20^0 + 27^0 + 27^2 = 12 + 122 + 200 + 270 + 272$
$876 := 4^3 + 27^1 + 28^0 + 28^2 = 43 + 271 + 280 + 282$	$876 := 1^2 + 12^2 + 21^0 + 26^0 + 27^2 = 12 + 122 + 210 + 260 + 272$
$876 := 5^2 + 11^2 + 27^2 + 44^0 = 52 + 112 + 272 + 440$	$876 := 1^2 + 12^2 + 22^0 + 25^0 + 27^2 = 12 + 122 + 220 + 250 + 272$
$876 := 5^2 + 15^2 + 25^2 + 42^0 = 52 + 152 + 252 + 420$	$876 := 1^2 + 12^2 + 23^0 + 24^0 + 27^2 = 12 + 122 + 230 + 240 + 272$

$$\begin{aligned} 876 &:= 10^0 + 12^2 + 17^2 + 21^2 + 27^0 = 100 + 122 + 172 + 212 + 270 & 876 &:= 2^1 + 15^2 + 22^0 + 23^1 + 25^2 = 21 + 152 + 220 + 231 + 252 \\ 876 &:= 10^1 + 11^2 + 15^1 + 24^0 + 27^2 = 101 + 112 + 151 + 240 + 272 & 876 &:= 2^1 + 18^2 + 20^1 + 23^2 + 24^0 = 21 + 182 + 201 + 232 + 240 \\ 876 &:= 10^1 + 12^0 + 20^2 + 21^2 + 24^1 = 101 + 120 + 202 + 212 + 241 & 876 &:= 3^1 + 11^2 + 22^1 + 24^0 + 27^2 = 31 + 112 + 221 + 240 + 272 \\ 876 &:= 10^1 + 12^1 + 18^2 + 23^2 + 24^0 = 101 + 121 + 182 + 232 + 240 & 876 &:= 3^1 + 13^2 + 18^0 + 26^2 + 27^1 = 31 + 132 + 180 + 262 + 271 \\ 876 &:= 10^1 + 13^2 + 18^0 + 20^1 + 26^2 = 101 + 132 + 180 + 201 + 262 & 876 &:= 3^1 + 15^2 + 22^0 + 22^1 + 25^2 = 31 + 152 + 220 + 221 + 252 \\ 876 &:= 10^1 + 15^1 + 15^2 + 22^0 + 25^2 = 101 + 151 + 152 + 220 + 252 & 876 &:= 3^1 + 16^0 + 19^2 + 22^2 + 27^1 = 31 + 160 + 192 + 222 + 271 \\ 876 &:= 10^1 + 16^0 + 19^2 + 20^1 + 22^2 = 101 + 160 + 192 + 201 + 222 & 876 &:= 3^1 + 18^2 + 19^1 + 23^2 + 24^0 = 31 + 182 + 191 + 232 + 240 \\ 876 &:= 11^0 + 12^2 + 17^2 + 21^2 + 26^0 = 110 + 122 + 172 + 212 + 260 & 876 &:= 3^2 + 16^0 + 17^2 + 24^2 + 27^0 = 32 + 160 + 172 + 242 + 270 \\ 876 &:= 11^1 + 11^1 + 18^2 + 23^2 + 24^0 = 111 + 111 + 182 + 232 + 240 & 876 &:= 3^2 + 17^0 + 17^2 + 24^2 + 26^0 = 32 + 170 + 172 + 242 + 260 \\ 876 &:= 11^1 + 11^2 + 14^1 + 24^0 + 27^2 = 111 + 112 + 141 + 240 + 272 & 876 &:= 3^2 + 17^2 + 18^0 + 24^2 + 25^0 = 32 + 172 + 180 + 242 + 250 \\ 876 &:= 11^1 + 12^0 + 20^2 + 21^2 + 23^1 = 111 + 120 + 202 + 212 + 231 & 876 &:= 3^2 + 17^2 + 19^0 + 24^0 + 24^2 = 32 + 172 + 190 + 240 + 242 \\ 876 &:= 11^1 + 13^2 + 18^0 + 19^1 + 26^2 = 111 + 132 + 180 + 191 + 262 & 876 &:= 3^2 + 17^2 + 20^0 + 23^0 + 24^2 = 32 + 172 + 200 + 230 + 242 \\ 876 &:= 11^1 + 14^1 + 15^2 + 22^0 + 25^2 = 111 + 141 + 152 + 220 + 252 & 876 &:= 3^2 + 17^2 + 21^0 + 22^0 + 24^2 = 32 + 172 + 210 + 220 + 242 \\ 876 &:= 11^1 + 16^0 + 19^1 + 19^2 + 22^2 = 111 + 160 + 191 + 192 + 222 & 876 &:= 4^0 + 10^2 + 19^1 + 27^1 + 27^2 = 40 + 102 + 191 + 271 + 272 \\ 876 &:= 11^2 + 12^1 + 13^1 + 24^0 + 27^2 = 112 + 121 + 131 + 240 + 272 & 876 &:= 4^0 + 10^2 + 20^1 + 26^1 + 27^2 = 40 + 102 + 201 + 261 + 272 \\ 876 &:= 12^0 + 12^1 + 20^2 + 21^2 + 22^1 = 120 + 121 + 202 + 212 + 221 & 876 &:= 4^0 + 10^2 + 21^1 + 25^1 + 27^2 = 40 + 102 + 211 + 251 + 272 \\ 876 &:= 12^0 + 12^2 + 17^2 + 21^2 + 25^0 = 120 + 122 + 172 + 212 + 250 & 876 &:= 4^0 + 10^2 + 22^1 + 24^1 + 27^2 = 40 + 102 + 221 + 241 + 272 \\ 876 &:= 12^0 + 13^1 + 20^2 + 21^1 + 21^2 = 120 + 131 + 202 + 211 + 212 & 876 &:= 4^0 + 10^2 + 23^1 + 23^1 + 27^2 = 40 + 102 + 231 + 231 + 272 \\ 876 &:= 12^0 + 14^1 + 20^1 + 20^2 + 21^2 = 120 + 141 + 201 + 202 + 212 & 876 &:= 4^0 + 16^1 + 16^2 + 24^2 + 27^1 = 40 + 161 + 162 + 242 + 271 \\ 876 &:= 12^0 + 15^1 + 19^1 + 20^2 + 21^2 = 120 + 151 + 191 + 202 + 212 & 876 &:= 4^0 + 16^2 + 17^1 + 24^2 + 26^1 = 40 + 162 + 171 + 242 + 261 \\ 876 &:= 12^0 + 16^1 + 18^1 + 20^2 + 21^2 = 120 + 161 + 181 + 202 + 212 & 876 &:= 4^0 + 16^2 + 18^1 + 24^2 + 25^1 = 40 + 162 + 181 + 242 + 251 \\ 876 &:= 12^0 + 17^1 + 17^1 + 20^2 + 21^2 = 120 + 171 + 171 + 202 + 212 & 876 &:= 4^0 + 16^2 + 19^1 + 24^1 + 24^2 = 40 + 162 + 191 + 241 + 242 \\ 876 &:= 12^1 + 13^1 + 15^2 + 22^0 + 25^2 = 121 + 131 + 152 + 220 + 252 & 876 &:= 4^0 + 16^2 + 20^1 + 23^1 + 24^2 = 40 + 162 + 201 + 231 + 242 \\ 876 &:= 12^1 + 13^2 + 18^0 + 18^1 + 26^2 = 121 + 132 + 180 + 181 + 262 & 876 &:= 4^0 + 16^2 + 21^1 + 22^1 + 24^2 = 40 + 162 + 211 + 221 + 242 \\ 876 &:= 12^1 + 16^0 + 18^1 + 19^2 + 22^2 = 121 + 160 + 181 + 192 + 222 & 876 &:= 4^1 + 11^2 + 21^1 + 24^0 + 27^2 = 41 + 112 + 211 + 240 + 272 \\ 876 &:= 12^2 + 13^0 + 17^2 + 21^2 + 24^0 = 122 + 130 + 172 + 212 + 240 & 876 &:= 4^1 + 13^2 + 18^0 + 26^1 + 26^2 = 41 + 132 + 180 + 261 + 262 \\ 876 &:= 12^2 + 14^0 + 17^2 + 21^2 + 23^0 = 122 + 140 + 172 + 212 + 230 & 876 &:= 4^1 + 15^2 + 21^1 + 22^0 + 25^2 = 41 + 152 + 211 + 220 + 252 \\ 876 &:= 12^2 + 15^0 + 17^2 + 21^2 + 22^0 = 122 + 150 + 172 + 212 + 220 & 876 &:= 4^1 + 16^0 + 19^2 + 22^2 + 26^1 = 41 + 160 + 192 + 222 + 261 \\ 876 &:= 12^2 + 16^0 + 17^2 + 21^0 + 21^2 = 122 + 160 + 172 + 210 + 212 & 876 &:= 4^1 + 18^1 + 18^2 + 23^2 + 24^0 = 41 + 181 + 182 + 232 + 240 \\ 876 &:= 12^2 + 17^0 + 17^2 + 20^0 + 21^2 = 122 + 170 + 172 + 200 + 212 & 876 &:= 5^1 + 11^2 + 20^1 + 24^0 + 27^2 = 51 + 112 + 201 + 240 + 272 \\ 876 &:= 12^2 + 17^2 + 18^0 + 19^0 + 21^2 = 122 + 172 + 180 + 190 + 212 & 876 &:= 5^1 + 13^2 + 18^0 + 25^1 + 26^2 = 51 + 132 + 180 + 251 + 262 \\ 876 &:= 13^1 + 13^2 + 17^1 + 18^0 + 26^2 = 131 + 132 + 171 + 180 + 262 & 876 &:= 5^1 + 15^2 + 20^1 + 22^0 + 25^2 = 51 + 152 + 201 + 220 + 252 \\ 876 &:= 13^1 + 16^0 + 17^1 + 19^2 + 22^2 = 131 + 160 + 171 + 192 + 222 & 876 &:= 5^1 + 16^0 + 19^2 + 22^2 + 25^1 = 51 + 160 + 192 + 222 + 251 \\ 876 &:= 13^2 + 14^1 + 16^1 + 18^0 + 26^2 = 132 + 141 + 161 + 180 + 262 & 876 &:= 5^1 + 17^1 + 18^2 + 23^2 + 24^0 = 51 + 171 + 182 + 232 + 240 \\ 876 &:= 13^2 + 15^1 + 15^1 + 18^0 + 26^2 = 132 + 151 + 151 + 180 + 262 & 876 &:= 5^3 + 10^0 + 20^1 + 25^0 + 27^2 = 53 + 100 + 201 + 250 + 272 \\ 876 &:= 14^1 + 16^0 + 16^1 + 19^2 + 22^2 = 141 + 160 + 161 + 192 + 222 & 876 &:= 5^3 + 11^0 + 20^1 + 24^0 + 27^2 = 53 + 110 + 201 + 240 + 272 \\ 876 &:= 15^1 + 15^1 + 16^0 + 19^2 + 22^2 = 151 + 151 + 160 + 192 + 222 & 876 &:= 5^3 + 12^0 + 20^1 + 23^0 + 27^2 = 53 + 120 + 201 + 230 + 272 \\ 876 &:= 2^1 + 11^2 + 23^1 + 24^0 + 27^2 = 21 + 112 + 231 + 240 + 272 & 876 &:= 5^3 + 13^0 + 20^1 + 22^0 + 27^2 = 53 + 130 + 201 + 220 + 272 \end{aligned}$$

$876 := 5^3 + 14^0 + 20^1 + 21^0 + 27^2 = 53 + 140 + 201 + 210 + 272$	$876 := 8^1 + 15^2 + 17^1 + 22^0 + 25^2 = 81 + 152 + 171 + 220 + 252$
$876 := 5^3 + 15^0 + 20^0 + 20^1 + 27^2 = 53 + 150 + 200 + 201 + 272$	$876 := 8^1 + 16^0 + 19^2 + 22^1 + 22^2 = 81 + 160 + 192 + 221 + 222$
$876 := 5^3 + 16^0 + 19^0 + 20^1 + 27^2 = 53 + 160 + 190 + 201 + 272$	$876 := 8^2 + 9^2 + 16^0 + 27^0 + 27^2 = 82 + 92 + 160 + 270 + 272$
$876 := 5^3 + 17^0 + 18^0 + 20^1 + 27^2 = 53 + 170 + 180 + 201 + 272$	$876 := 8^2 + 9^2 + 17^0 + 26^0 + 27^2 = 82 + 92 + 170 + 260 + 272$
$876 := 5^3 + 8^0 + 20^1 + 27^0 + 27^2 = 53 + 80 + 201 + 270 + 272$	$876 := 8^2 + 9^2 + 18^0 + 25^0 + 27^2 = 82 + 92 + 180 + 250 + 272$
$876 := 5^3 + 9^0 + 20^1 + 26^0 + 27^2 = 53 + 90 + 201 + 260 + 272$	$876 := 8^2 + 9^2 + 19^0 + 24^0 + 27^2 = 82 + 92 + 190 + 240 + 272$
$876 := 6^1 + 11^2 + 19^1 + 24^0 + 27^2 = 61 + 112 + 191 + 240 + 272$	$876 := 8^2 + 9^2 + 20^0 + 23^0 + 27^2 = 82 + 92 + 200 + 230 + 272$
$876 := 6^1 + 13^2 + 18^0 + 24^1 + 26^2 = 61 + 132 + 180 + 241 + 262$	$876 := 8^2 + 9^2 + 21^0 + 22^0 + 27^2 = 82 + 92 + 210 + 220 + 272$
$876 := 6^1 + 15^2 + 19^1 + 22^0 + 25^2 = 61 + 152 + 191 + 220 + 252$	$876 := 9^1 + 11^2 + 16^1 + 24^0 + 27^2 = 91 + 112 + 161 + 240 + 272$
$876 := 6^1 + 16^0 + 19^2 + 22^2 + 24^1 = 61 + 160 + 192 + 222 + 241$	$876 := 9^1 + 12^0 + 20^2 + 21^2 + 25^1 = 91 + 120 + 202 + 212 + 251$
$876 := 6^1 + 16^1 + 18^2 + 23^2 + 24^0 = 61 + 161 + 182 + 232 + 240$	$876 := 9^1 + 13^1 + 18^2 + 23^2 + 24^0 = 91 + 131 + 182 + 232 + 240$
$876 := 7^1 + 11^2 + 18^1 + 24^0 + 27^2 = 71 + 112 + 181 + 240 + 272$	$876 := 9^1 + 13^2 + 18^0 + 21^1 + 26^2 = 91 + 132 + 180 + 211 + 262$
$876 := 7^1 + 12^0 + 20^2 + 21^2 + 27^1 = 71 + 120 + 202 + 212 + 271$	$876 := 9^1 + 15^2 + 16^1 + 22^0 + 25^2 = 91 + 152 + 161 + 220 + 252$
$876 := 7^1 + 13^2 + 18^0 + 23^1 + 26^2 = 71 + 132 + 180 + 231 + 262$	$876 := 9^1 + 16^0 + 19^2 + 21^1 + 22^2 = 91 + 160 + 192 + 211 + 222$
$876 := 7^1 + 15^1 + 18^2 + 23^2 + 24^0 = 71 + 151 + 182 + 232 + 240$	$876 := 9^3 + 11^2 + 16^0 + 24^1 + 27^0 = 93 + 112 + 160 + 241 + 270$
$876 := 7^1 + 15^2 + 18^1 + 22^0 + 25^2 = 71 + 152 + 181 + 220 + 252$	$876 := 9^3 + 11^2 + 17^0 + 24^1 + 26^0 = 93 + 112 + 170 + 241 + 260$
$876 := 7^1 + 16^0 + 19^2 + 22^2 + 23^1 = 71 + 160 + 192 + 222 + 231$	$876 := 9^3 + 11^2 + 18^0 + 24^1 + 25^0 = 93 + 112 + 180 + 241 + 250$
$876 := 8^1 + 11^2 + 17^1 + 24^0 + 27^2 = 81 + 112 + 171 + 240 + 272$	$876 := 9^3 + 11^2 + 19^0 + 24^0 + 24^1 = 93 + 112 + 190 + 240 + 241$
$876 := 8^1 + 12^0 + 20^2 + 21^2 + 26^1 = 81 + 120 + 202 + 212 + 261$	$876 := 9^3 + 11^2 + 20^0 + 23^0 + 24^1 = 93 + 112 + 200 + 230 + 241$
$876 := 8^1 + 13^2 + 18^0 + 22^1 + 26^2 = 81 + 132 + 180 + 221 + 262$	$876 := 9^3 + 11^2 + 21^0 + 22^0 + 24^1 = 93 + 112 + 210 + 220 + 241$
$876 := 8^1 + 14^1 + 18^2 + 23^2 + 24^0 = 81 + 141 + 182 + 232 + 240$	

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$877 := 1^4 + 23^0 + 29^2 + 34^1 = 14 + 230 + 292 + 341$	$877 := 8^2 + 17^2 + 22^2 + 40^1 = 82 + 172 + 222 + 401$
$877 := 2^2 + 7^3 + 23^2 + 55^0 = 22 + 73 + 232 + 550$	$877 := 1^2 + 11^2 + 23^0 + 25^1 + 27^2 = 12 + 112 + 230 + 251 + 272$
$877 := 2^4 + 19^1 + 29^2 + 37^0 = 24 + 191 + 292 + 370$	$877 := 1^2 + 15^2 + 21^0 + 25^1 + 25^2 = 12 + 152 + 210 + 251 + 252$
$877 := 3^4 + 11^1 + 28^2 + 45^0 = 34 + 111 + 282 + 450$	$877 := 1^2 + 18^2 + 22^1 + 23^0 + 23^2 = 12 + 182 + 221 + 230 + 232$
$877 := 4^2 + 17^2 + 23^2 + 43^1 = 42 + 172 + 232 + 431$	$877 := 10^1 + 12^2 + 19^2 + 19^2 + 27^0 = 101 + 122 + 192 + 192 + 270$
$877 := 4^4 + 15^0 + 24^2 + 44^1 = 44 + 150 + 242 + 441$	$877 := 10^1 + 13^2 + 16^2 + 21^2 + 27^0 = 101 + 132 + 162 + 212 + 270$
$877 := 5^3 + 9^3 + 22^1 + 51^0 = 53 + 93 + 221 + 510$	$877 := 10^2 + 11^1 + 18^2 + 21^2 + 27^0 = 102 + 111 + 182 + 212 + 270$
$877 := 5^4 + 13^0 + 14^2 + 55^1 = 54 + 130 + 142 + 551$	$877 := 10^2 + 15^1 + 19^2 + 20^2 + 23^0 = 102 + 151 + 192 + 202 + 230$
$877 := 5^4 + 15^2 + 26^1 + 41^0 = 54 + 152 + 261 + 410$	$877 := 10^2 + 15^2 + 17^0 + 22^1 + 23^2 = 102 + 152 + 170 + 221 + 232$
$877 := 6^2 + 11^2 + 26^2 + 44^1 = 62 + 112 + 262 + 441$	$877 := 11^0 + 13^2 + 14^2 + 22^2 + 27^1 = 110 + 132 + 142 + 222 + 271$
$877 := 6^2 + 20^2 + 20^2 + 41^1 = 62 + 202 + 202 + 411$	$877 := 11^0 + 15^2 + 15^2 + 20^2 + 26^1 = 110 + 152 + 152 + 202 + 261$
$877 := 7^2 + 7^3 + 22^2 + 51^0 = 72 + 73 + 222 + 510$	$877 := 11^2 + 13^0 + 17^2 + 21^2 + 25^1 = 112 + 130 + 172 + 212 + 251$
$877 := 7^3 + 8^3 + 21^1 + 51^0 = 73 + 83 + 211 + 510$	$877 := 11^2 + 15^1 + 16^2 + 22^2 + 23^0 = 112 + 151 + 162 + 222 + 230$
$877 := 8^2 + 14^2 + 24^2 + 41^1 = 82 + 142 + 242 + 411$	$877 := 12^1 + 12^2 + 12^2 + 24^2 + 27^0 = 121 + 122 + 122 + 242 + 270$

$$\begin{aligned} 877 &:= 12^2 + 15^0 + 15^2 + 22^2 + 23^1 = 122 + 150 + 152 + 222 + 231 & 877 &:= 6^3 + 17^1 + 18^1 + 21^0 + 25^2 = 63 + 171 + 181 + 210 + 252 \\ 877 &:= 13^0 + 14^2 + 16^2 + 20^2 + 24^1 = 130 + 142 + 162 + 202 + 241 & 877 &:= 6^3 + 8^1 + 21^0 + 25^2 + 27^1 = 63 + 81 + 210 + 252 + 271 \\ 877 &:= 13^2 + 15^0 + 18^2 + 19^2 + 22^1 = 132 + 150 + 182 + 192 + 221 & 877 &:= 6^3 + 9^1 + 21^0 + 25^2 + 26^1 = 63 + 91 + 210 + 252 + 261 \\ 877 &:= 13^2 + 17^2 + 18^1 + 19^0 + 20^2 = 132 + 172 + 181 + 190 + 202 & 877 &:= 7^2 + 13^0 + 20^2 + 20^2 + 27^1 = 72 + 130 + 202 + 202 + 271 \\ 877 &:= 14^1 + 14^2 + 15^2 + 21^2 + 23^0 = 141 + 142 + 152 + 212 + 230 & 877 &:= 7^2 + 15^0 + 15^2 + 24^2 + 26^1 = 72 + 150 + 152 + 242 + 261 \\ 877 &:= 2^2 + 11^2 + 22^1 + 25^0 + 27^2 = 22 + 112 + 221 + 250 + 272 & 877 &:= 7^2 + 15^0 + 19^2 + 21^2 + 25^1 = 72 + 150 + 192 + 212 + 251 \\ 877 &:= 2^2 + 13^2 + 19^0 + 26^2 + 27^1 = 22 + 132 + 190 + 262 + 271 & 877 &:= 7^2 + 18^2 + 19^1 + 21^0 + 22^2 = 72 + 182 + 191 + 210 + 222 \\ 877 &:= 2^2 + 15^2 + 22^1 + 23^0 + 25^2 = 22 + 152 + 221 + 230 + 252 & 877 &:= 7^2 + 9^2 + 17^1 + 27^0 + 27^2 = 72 + 92 + 171 + 270 + 272 \\ 877 &:= 2^2 + 17^0 + 19^2 + 22^2 + 27^1 = 22 + 170 + 192 + 222 + 271 & 877 &:= 7^3 + 8^3 + 20^1 + 25^0 + 27^0 = 73 + 83 + 201 + 250 + 270 \\ 877 &:= 2^2 + 18^2 + 19^1 + 23^2 + 25^0 = 22 + 182 + 191 + 232 + 250 & 877 &:= 7^3 + 8^3 + 20^1 + 26^0 + 26^0 = 73 + 83 + 201 + 260 + 260 \\ 877 &:= 3^2 + 13^2 + 22^1 + 23^0 + 26^2 = 32 + 132 + 221 + 230 + 262 & 877 &:= 7^3 + 9^0 + 22^1 + 22^2 + 27^1 = 73 + 90 + 221 + 222 + 271 \\ 877 &:= 3^2 + 15^2 + 17^1 + 25^2 + 27^0 = 32 + 152 + 171 + 252 + 270 & 877 &:= 7^3 + 9^0 + 22^2 + 23^1 + 26^1 = 73 + 90 + 222 + 231 + 261 \\ 877 &:= 3^2 + 17^0 + 20^2 + 21^2 + 26^1 = 32 + 170 + 202 + 212 + 261 & 877 &:= 7^3 + 9^0 + 22^2 + 24^1 + 25^1 = 73 + 90 + 222 + 241 + 251 \\ 877 &:= 3^2 + 19^2 + 21^0 + 22^1 + 22^2 = 32 + 192 + 210 + 221 + 222 & 877 &:= 8^2 + 11^2 + 15^1 + 26^2 + 27^0 = 82 + 112 + 151 + 262 + 270 \\ 877 &:= 4^2 + 15^1 + 19^2 + 22^2 + 27^0 = 42 + 151 + 192 + 222 + 270 & 877 &:= 8^2 + 12^1 + 20^2 + 20^2 + 27^0 = 82 + 121 + 202 + 202 + 270 \\ 877 &:= 4^2 + 19^1 + 20^2 + 21^2 + 23^0 = 42 + 191 + 202 + 212 + 230 & 877 &:= 8^2 + 13^0 + 16^2 + 23^2 + 27^1 = 82 + 130 + 162 + 232 + 271 \\ 877 &:= 5^2 + 10^2 + 22^1 + 23^0 + 27^2 = 52 + 102 + 221 + 230 + 272 & 877 &:= 8^2 + 13^2 + 18^1 + 23^0 + 25^2 = 82 + 132 + 181 + 230 + 252 \\ 877 &:= 5^2 + 16^2 + 19^1 + 23^0 + 24^2 = 52 + 162 + 191 + 230 + 242 & 877 &:= 8^2 + 8^2 + 19^1 + 25^0 + 27^2 = 82 + 82 + 191 + 250 + 272 \\ 877 &:= 5^3 + 9^3 + 21^1 + 25^0 + 27^0 = 53 + 93 + 211 + 250 + 270 & 877 &:= 8^3 + 13^1 + 18^2 + 21^0 + 27^1 = 83 + 131 + 182 + 210 + 271 \\ 877 &:= 5^3 + 9^3 + 21^1 + 26^0 + 26^0 = 53 + 93 + 211 + 260 + 260 & 877 &:= 8^3 + 14^1 + 18^2 + 21^0 + 26^1 = 83 + 141 + 182 + 210 + 261 \\ 877 &:= 5^4 + 15^0 + 15^2 + 25^1 + 27^0 = 54 + 150 + 152 + 251 + 270 & 877 &:= 8^3 + 15^1 + 18^2 + 21^0 + 25^1 = 83 + 151 + 182 + 210 + 251 \\ 877 &:= 5^4 + 15^2 + 16^0 + 25^1 + 26^0 = 54 + 152 + 160 + 251 + 260 & 877 &:= 8^3 + 16^1 + 18^2 + 21^0 + 24^1 = 83 + 161 + 182 + 210 + 241 \\ 877 &:= 5^4 + 15^2 + 17^0 + 25^0 + 25^1 = 54 + 152 + 170 + 250 + 251 & 877 &:= 8^3 + 17^1 + 18^2 + 21^0 + 23^1 = 83 + 171 + 182 + 210 + 231 \\ 877 &:= 5^4 + 15^2 + 18^0 + 24^0 + 25^1 = 54 + 152 + 180 + 240 + 251 & 877 &:= 8^3 + 18^1 + 18^2 + 21^0 + 22^1 = 83 + 181 + 182 + 210 + 221 \\ 877 &:= 5^4 + 15^2 + 19^0 + 23^0 + 25^1 = 54 + 152 + 190 + 230 + 251 & 877 &:= 8^3 + 18^2 + 19^1 + 21^0 + 21^1 = 83 + 182 + 191 + 210 + 211 \\ 877 &:= 5^4 + 15^2 + 20^0 + 22^0 + 25^1 = 54 + 152 + 200 + 220 + 251 & 877 &:= 8^3 + 18^2 + 20^1 + 20^1 + 21^0 = 83 + 182 + 201 + 201 + 210 \\ 877 &:= 5^4 + 15^2 + 21^0 + 21^0 + 25^1 = 54 + 152 + 210 + 210 + 251 & 877 &:= 9^1 + 17^2 + 17^2 + 17^2 + 27^0 = 91 + 172 + 172 + 172 + 270 \\ 877 &:= 6^2 + 12^2 + 20^1 + 23^0 + 26^2 = 62 + 122 + 201 + 230 + 262 & 877 &:= 9^2 + 10^2 + 19^1 + 23^0 + 26^2 = 92 + 102 + 191 + 230 + 262 \\ 877 &:= 6^2 + 14^2 + 19^1 + 23^0 + 25^2 = 62 + 142 + 191 + 230 + 252 & 877 &:= 9^2 + 12^2 + 15^0 + 25^2 + 26^1 = 92 + 122 + 150 + 252 + 261 \\ 877 &:= 6^2 + 17^2 + 19^0 + 22^1 + 23^2 = 62 + 172 + 190 + 221 + 232 & 877 &:= 9^2 + 14^2 + 17^0 + 23^1 + 24^2 = 92 + 142 + 170 + 231 + 242 \\ 877 &:= 6^3 + 10^1 + 21^0 + 25^1 + 25^2 = 63 + 101 + 210 + 251 + 252 & 877 &:= 9^2 + 17^0 + 17^2 + 22^1 + 22^2 = 92 + 170 + 172 + 221 + 222 \\ 877 &:= 6^3 + 11^1 + 21^0 + 24^1 + 25^2 = 63 + 111 + 210 + 241 + 252 & 877 &:= 9^3 + 10^2 + 20^1 + 21^0 + 27^1 = 93 + 102 + 201 + 210 + 271 \\ 877 &:= 6^3 + 12^1 + 21^0 + 23^1 + 25^2 = 63 + 121 + 210 + 231 + 252 & 877 &:= 9^3 + 10^2 + 21^0 + 21^1 + 26^1 = 93 + 102 + 210 + 211 + 261 \\ 877 &:= 6^3 + 13^1 + 21^0 + 22^1 + 25^2 = 63 + 131 + 210 + 221 + 252 & 877 &:= 9^3 + 10^2 + 21^0 + 22^1 + 25^1 = 93 + 102 + 210 + 221 + 251 \\ 877 &:= 6^3 + 14^1 + 21^0 + 21^1 + 25^2 = 63 + 141 + 210 + 211 + 252 & 877 &:= 9^3 + 10^2 + 21^0 + 23^1 + 24^1 = 93 + 102 + 210 + 231 + 241 \\ 877 &:= 6^3 + 15^1 + 20^1 + 21^0 + 25^2 = 63 + 151 + 201 + 210 + 252 & & \\ 877 &:= 6^3 + 16^1 + 19^1 + 21^0 + 25^2 = 63 + 161 + 191 + 210 + 252 & & \end{aligned}$$

2.2.779 Number 878

$$\begin{aligned}
 878 &:= 1^5 + 22^0 + 29^2 + 35^1 &= 15 + 220 + 292 + 351 \\
 878 &:= 2^0 + 3^5 + 24^2 + 58^1 &= 20 + 35 + 242 + 581 \\
 878 &:= 2^5 + 4^1 + 29^2 + 52^0 &= 25 + 41 + 292 + 520 \\
 878 &:= 3^3 + 9^3 + 11^2 + 64^0 &= 33 + 93 + 112 + 640 \\
 878 &:= 3^4 + 8^0 + 9^3 + 67^1 &= 34 + 80 + 93 + 671 \\
 878 &:= 3^5 + 9^1 + 25^2 + 50^0 &= 35 + 91 + 252 + 500 \\
 878 &:= 5^4 + 6^3 + 36^1 + 40^0 &= 54 + 63 + 361 + 400 \\
 878 &:= 1^3 + 11^2 + 22^0 + 26^1 + 27^2 &= 13 + 112 + 220 + 261 + 272 \\
 878 &:= 1^3 + 15^2 + 20^0 + 25^2 + 26^1 &= 13 + 152 + 200 + 252 + 261 \\
 878 &:= 1^3 + 18^2 + 22^0 + 23^1 + 23^2 &= 13 + 182 + 220 + 231 + 232 \\
 878 &:= 2^3 + 13^2 + 22^0 + 24^1 + 26^2 &= 23 + 132 + 220 + 241 + 262 \\
 878 &:= 2^3 + 15^2 + 19^1 + 25^2 + 26^0 &= 23 + 152 + 191 + 252 + 260 \\
 878 &:= 2^3 + 19^2 + 20^0 + 22^2 + 24^1 &= 23 + 192 + 200 + 222 + 241 \\
 878 &:= 3^2 + 6^3 + 25^2 + 26^0 + 27^1 &= 32 + 63 + 252 + 260 + 271 \\
 878 &:= 3^3 + 10^2 + 21^1 + 26^0 + 27^2 &= 33 + 102 + 211 + 260 + 272 \\
 878 &:= 3^3 + 16^2 + 18^1 + 24^2 + 26^0 &= 33 + 162 + 181 + 242 + 260
 \end{aligned}$$

$$\begin{aligned}
 878 &:= 3^5 + 8^1 + 24^0 + 25^2 + 27^0 &= 35 + 81 + 240 + 252 + 270 \\
 878 &:= 3^5 + 8^1 + 25^0 + 25^2 + 26^0 &= 35 + 81 + 250 + 252 + 260 \\
 878 &:= 4^3 + 13^2 + 19^1 + 25^2 + 26^0 &= 43 + 132 + 191 + 252 + 260 \\
 878 &:= 4^4 + 14^0 + 18^1 + 24^2 + 27^1 &= 44 + 140 + 181 + 242 + 271 \\
 878 &:= 4^4 + 14^0 + 19^1 + 24^2 + 26^1 &= 44 + 140 + 191 + 242 + 261 \\
 878 &:= 4^4 + 14^0 + 20^1 + 24^2 + 25^1 &= 44 + 140 + 201 + 242 + 251 \\
 878 &:= 4^4 + 14^0 + 21^1 + 24^1 + 24^2 &= 44 + 140 + 211 + 241 + 242 \\
 878 &:= 4^4 + 14^0 + 22^1 + 23^1 + 24^2 &= 44 + 140 + 221 + 231 + 242 \\
 878 &:= 5^3 + 10^2 + 20^0 + 25^2 + 27^1 &= 53 + 102 + 200 + 252 + 271 \\
 878 &:= 5^3 + 14^2 + 18^0 + 23^2 + 27^1 &= 53 + 142 + 180 + 232 + 271 \\
 878 &:= 5^3 + 17^2 + 21^2 + 22^0 + 22^1 &= 53 + 172 + 212 + 220 + 221 \\
 878 &:= 5^3 + 7^2 + 22^0 + 26^2 + 27^1 &= 53 + 72 + 220 + 262 + 271 \\
 878 &:= 6^3 + 14^2 + 21^2 + 22^0 + 24^1 &= 63 + 142 + 212 + 220 + 241 \\
 878 &:= 7^3 + 16^2 + 16^2 + 22^1 + 26^0 &= 73 + 162 + 162 + 221 + 260 \\
 878 &:= 8^3 + 13^2 + 13^2 + 26^0 + 27^1 &= 83 + 132 + 132 + 260 + 271
 \end{aligned}$$

2.2.780 Number 879

$$\begin{aligned}
 879 &:= 1^1 + 3^5 + 24^2 + 59^1 &= 11 + 35 + 242 + 591 \\
 879 &:= 1^3 + 9^2 + 9^3 + 68^1 &= 13 + 92 + 93 + 681 \\
 879 &:= 1^4 + 10^2 + 27^2 + 49^1 &= 14 + 102 + 272 + 491 \\
 879 &:= 1^4 + 16^2 + 24^2 + 46^1 &= 14 + 162 + 242 + 461 \\
 879 &:= 1^5 + 6^2 + 29^2 + 51^0 &= 15 + 62 + 292 + 510 \\
 879 &:= 1^6 + 21^0 + 29^2 + 36^1 &= 16 + 210 + 292 + 361 \\
 879 &:= 2^1 + 3^5 + 24^2 + 58^1 &= 21 + 35 + 242 + 581 \\
 879 &:= 2^4 + 17^2 + 23^2 + 45^1 &= 24 + 172 + 232 + 451 \\
 879 &:= 2^6 + 27^0 + 28^2 + 30^1 &= 26 + 270 + 282 + 301 \\
 879 &:= 3^1 + 3^5 + 24^2 + 57^1 &= 31 + 35 + 242 + 571 \\
 879 &:= 3^4 + 4^2 + 27^2 + 53^1 &= 34 + 42 + 272 + 531 \\
 879 &:= 3^5 + 10^1 + 24^2 + 50^1 &= 35 + 101 + 242 + 501 \\
 879 &:= 3^5 + 11^1 + 24^2 + 49^1 &= 35 + 111 + 242 + 491 \\
 879 &:= 3^5 + 12^1 + 24^2 + 48^1 &= 35 + 121 + 242 + 481 \\
 879 &:= 3^5 + 13^1 + 24^2 + 47^1 &= 35 + 131 + 242 + 471 \\
 879 &:= 3^5 + 14^1 + 24^2 + 46^1 &= 35 + 141 + 242 + 461 \\
 879 &:= 3^5 + 15^1 + 24^2 + 45^1 &= 35 + 151 + 242 + 451 \\
 879 &:= 3^5 + 16^1 + 24^2 + 44^1 &= 35 + 161 + 242 + 441
 \end{aligned}$$

$$\begin{aligned}
 879 &:= 3^5 + 17^1 + 24^2 + 43^1 &= 35 + 171 + 242 + 431 \\
 879 &:= 3^5 + 18^1 + 24^2 + 42^1 &= 35 + 181 + 242 + 421 \\
 879 &:= 3^5 + 19^1 + 24^2 + 41^1 &= 35 + 191 + 242 + 411 \\
 879 &:= 3^5 + 20^1 + 24^2 + 40^1 &= 35 + 201 + 242 + 401 \\
 879 &:= 3^5 + 21^1 + 24^2 + 39^1 &= 35 + 211 + 242 + 391 \\
 879 &:= 3^5 + 22^1 + 24^2 + 38^1 &= 35 + 221 + 242 + 381 \\
 879 &:= 3^5 + 23^1 + 24^2 + 37^1 &= 35 + 231 + 242 + 371 \\
 879 &:= 3^5 + 24^1 + 24^2 + 36^1 &= 35 + 241 + 242 + 361 \\
 879 &:= 3^5 + 24^2 + 25^1 + 35^1 &= 35 + 242 + 251 + 351 \\
 879 &:= 3^5 + 24^2 + 26^1 + 34^1 &= 35 + 242 + 261 + 341 \\
 879 &:= 3^5 + 24^2 + 27^1 + 33^1 &= 35 + 242 + 271 + 331 \\
 879 &:= 3^5 + 24^2 + 28^1 + 32^1 &= 35 + 242 + 281 + 321 \\
 879 &:= 3^5 + 24^2 + 29^1 + 31^1 &= 35 + 242 + 291 + 311 \\
 879 &:= 3^5 + 24^2 + 30^1 + 30^1 &= 35 + 242 + 301 + 301 \\
 879 &:= 3^5 + 4^1 + 24^2 + 56^1 &= 35 + 41 + 242 + 561 \\
 879 &:= 3^5 + 5^1 + 24^2 + 55^1 &= 35 + 51 + 242 + 551 \\
 879 &:= 3^5 + 6^1 + 24^2 + 54^1 &= 35 + 61 + 242 + 541 \\
 879 &:= 3^5 + 7^1 + 24^2 + 53^1 &= 35 + 71 + 242 + 531
 \end{aligned}$$

$$\begin{aligned} 879 &:= 3^5 + 8^1 + 24^2 + 52^1 &= 35 + 81 + 242 + 521 & 879 &:= 3^3 + 18^2 + 21^1 + 22^2 + 23^1 = 33 + 182 + 211 + 222 + 231 \\ 879 &:= 3^5 + 9^1 + 24^2 + 51^1 &= 35 + 91 + 242 + 511 & 879 &:= 3^3 + 18^2 + 22^1 + 22^1 + 22^2 = 33 + 182 + 221 + 221 + 222 \\ 879 &:= 3^6 + 10^2 + 25^0 + 49^1 &= 36 + 102 + 250 + 491 & 879 &:= 3^4 + 10^2 + 21^1 + 26^2 + 27^0 = 34 + 102 + 211 + 262 + 270 \\ 879 &:= 3^6 + 11^2 + 28^1 + 45^0 &= 36 + 112 + 281 + 450 & 879 &:= 3^4 + 14^2 + 21^0 + 24^2 + 25^1 = 34 + 142 + 210 + 242 + 251 \\ 879 &:= 3^6 + 5^1 + 12^2 + 67^0 &= 36 + 51 + 122 + 670 & 879 &:= 3^4 + 17^2 + 21^0 + 22^2 + 24^1 = 34 + 172 + 210 + 222 + 241 \\ 879 &:= 3^6 + 7^0 + 9^2 + 68^1 &= 36 + 70 + 92 + 681 & 879 &:= 3^6 + 11^2 + 19^0 + 27^0 + 27^1 = 36 + 112 + 190 + 270 + 271 \\ 879 &:= 4^2 + 4^3 + 9^3 + 70^1 &= 42 + 43 + 93 + 701 & 879 &:= 3^6 + 11^2 + 20^0 + 26^0 + 27^1 = 36 + 112 + 200 + 260 + 271 \\ 879 &:= 5^3 + 5^3 + 24^2 + 53^1 &= 53 + 53 + 242 + 531 & 879 &:= 3^6 + 11^2 + 21^0 + 25^0 + 27^1 = 36 + 112 + 210 + 250 + 271 \\ 879 &:= 5^3 + 6^3 + 22^2 + 54^1 &= 53 + 63 + 222 + 541 & 879 &:= 3^6 + 11^2 + 22^0 + 24^0 + 27^1 = 36 + 112 + 220 + 240 + 271 \\ 879 &:= 1^3 + 10^2 + 22^1 + 27^1 + 27^2 = 13 + 102 + 221 + 271 + 272 & 879 &:= 3^6 + 11^2 + 23^0 + 23^0 + 27^1 = 36 + 112 + 230 + 230 + 271 \\ 879 &:= 1^3 + 10^2 + 23^1 + 26^1 + 27^2 = 13 + 102 + 231 + 261 + 272 & 879 &:= 4^3 + 12^2 + 19^1 + 25^2 + 27^1 = 43 + 122 + 191 + 252 + 271 \\ 879 &:= 1^3 + 10^2 + 24^1 + 25^1 + 27^2 = 13 + 102 + 241 + 251 + 272 & 879 &:= 4^3 + 12^2 + 20^1 + 25^2 + 26^1 = 43 + 122 + 201 + 252 + 261 \\ 879 &:= 1^3 + 16^2 + 19^1 + 24^2 + 27^1 = 13 + 162 + 191 + 242 + 271 & 879 &:= 4^3 + 12^2 + 21^1 + 25^1 + 25^2 = 43 + 122 + 211 + 251 + 252 \\ 879 &:= 1^3 + 16^2 + 20^1 + 24^2 + 26^1 = 13 + 162 + 201 + 242 + 261 & 879 &:= 4^3 + 12^2 + 22^1 + 24^1 + 25^2 = 43 + 122 + 221 + 241 + 252 \\ 879 &:= 1^3 + 16^2 + 21^1 + 24^2 + 25^1 = 13 + 162 + 211 + 242 + 251 & 879 &:= 4^3 + 12^2 + 23^1 + 23^1 + 25^2 = 43 + 122 + 231 + 231 + 252 \\ 879 &:= 1^3 + 16^2 + 22^1 + 24^1 + 24^2 = 13 + 162 + 221 + 241 + 242 & 879 &:= 4^3 + 6^2 + 23^1 + 27^1 + 27^2 = 43 + 62 + 231 + 271 + 272 \\ 879 &:= 1^3 + 16^2 + 23^1 + 23^1 + 24^2 = 13 + 162 + 231 + 231 + 242 & 879 &:= 4^3 + 6^2 + 24^1 + 26^1 + 27^2 = 43 + 62 + 241 + 261 + 272 \\ 879 &:= 1^4 + 11^2 + 21^0 + 27^1 + 27^2 = 14 + 112 + 210 + 271 + 272 & 879 &:= 4^3 + 6^2 + 25^1 + 25^1 + 27^2 = 43 + 62 + 251 + 251 + 272 \\ 879 &:= 1^4 + 15^2 + 19^0 + 25^2 + 27^1 = 14 + 152 + 190 + 252 + 271 & 879 &:= 4^4 + 14^2 + 20^2 + 23^0 + 26^1 = 44 + 142 + 202 + 230 + 261 \\ 879 &:= 1^4 + 18^2 + 21^0 + 23^2 + 24^1 = 14 + 182 + 210 + 232 + 241 & 879 &:= 5^3 + 15^2 + 18^1 + 22^2 + 27^1 = 53 + 152 + 181 + 222 + 271 \\ 879 &:= 2^4 + 17^1 + 19^2 + 22^2 + 27^0 = 24 + 171 + 192 + 222 + 270 & 879 &:= 5^3 + 15^2 + 19^1 + 22^2 + 26^1 = 53 + 152 + 191 + 222 + 261 \\ 879 &:= 2^4 + 20^2 + 21^1 + 21^2 + 23^0 = 24 + 202 + 211 + 212 + 230 & 879 &:= 5^3 + 15^2 + 20^1 + 22^2 + 25^1 = 53 + 152 + 201 + 222 + 251 \\ 879 &:= 2^5 + 13^2 + 19^0 + 26^2 + 27^0 = 25 + 132 + 190 + 262 + 270 & 879 &:= 5^3 + 15^2 + 21^1 + 22^2 + 24^1 = 53 + 152 + 211 + 222 + 241 \\ 879 &:= 2^5 + 13^2 + 20^0 + 26^0 + 26^2 = 25 + 132 + 200 + 260 + 262 & 879 &:= 5^3 + 15^2 + 22^1 + 22^2 + 23^1 = 53 + 152 + 221 + 222 + 231 \\ 879 &:= 2^5 + 13^2 + 21^0 + 25^0 + 26^2 = 25 + 132 + 210 + 250 + 262 & 879 &:= 5^3 + 9^2 + 21^1 + 25^2 + 27^1 = 53 + 92 + 211 + 252 + 271 \\ 879 &:= 2^5 + 13^2 + 22^0 + 24^0 + 26^2 = 25 + 132 + 220 + 240 + 262 & 879 &:= 5^3 + 9^2 + 22^1 + 25^2 + 26^1 = 53 + 92 + 221 + 252 + 261 \\ 879 &:= 2^5 + 13^2 + 23^0 + 23^0 + 26^2 = 25 + 132 + 230 + 230 + 262 & 879 &:= 5^3 + 9^2 + 23^1 + 25^1 + 25^2 = 53 + 92 + 231 + 251 + 252 \\ 879 &:= 2^5 + 17^0 + 19^2 + 22^2 + 27^0 = 25 + 170 + 192 + 222 + 270 & 879 &:= 5^3 + 9^2 + 24^1 + 24^1 + 25^2 = 53 + 92 + 241 + 241 + 252 \\ 879 &:= 2^5 + 18^0 + 19^2 + 22^2 + 26^0 = 25 + 180 + 192 + 222 + 260 & 879 &:= 6^2 + 6^3 + 24^1 + 24^2 + 27^1 = 62 + 63 + 241 + 242 + 271 \\ 879 &:= 2^5 + 19^0 + 19^2 + 22^2 + 25^0 = 25 + 190 + 192 + 222 + 250 & 879 &:= 6^2 + 6^3 + 24^2 + 25^1 + 26^1 = 62 + 63 + 242 + 251 + 261 \\ 879 &:= 2^5 + 19^2 + 20^0 + 22^2 + 24^0 = 25 + 192 + 200 + 222 + 240 & 879 &:= 6^3 + 16^2 + 19^1 + 19^2 + 27^1 = 63 + 162 + 191 + 192 + 271 \\ 879 &:= 2^5 + 19^2 + 21^0 + 22^2 + 23^0 = 25 + 192 + 210 + 222 + 230 & 879 &:= 6^3 + 16^2 + 19^2 + 20^1 + 26^1 = 63 + 162 + 192 + 201 + 261 \\ 879 &:= 2^5 + 19^2 + 22^0 + 22^0 + 22^2 = 25 + 192 + 220 + 220 + 222 & 879 &:= 6^3 + 16^2 + 19^2 + 21^1 + 25^1 = 63 + 162 + 192 + 211 + 251 \\ 879 &:= 3^3 + 17^1 + 18^2 + 22^2 + 27^1 = 33 + 171 + 182 + 222 + 271 & 879 &:= 6^3 + 16^2 + 19^2 + 22^1 + 24^1 = 63 + 162 + 192 + 221 + 241 \\ 879 &:= 3^3 + 18^1 + 18^2 + 22^2 + 26^1 = 33 + 181 + 182 + 222 + 261 & 879 &:= 6^3 + 16^2 + 19^2 + 23^1 + 23^1 = 63 + 162 + 192 + 231 + 231 \\ 879 &:= 3^3 + 18^2 + 19^1 + 22^2 + 25^1 = 33 + 182 + 191 + 222 + 251 & 879 &:= 8^3 + 12^2 + 13^2 + 27^1 + 27^1 = 83 + 122 + 132 + 271 + 271 \\ 879 &:= 3^3 + 18^2 + 20^1 + 22^2 + 24^1 = 33 + 182 + 201 + 222 + 241 \end{aligned}$$

2.2.781 Number 880

$$\begin{aligned}
 880 &:= 1^7 + 20^0 + 29^2 + 37^1 &= 17 + 200 + 292 + 371 \\
 880 &:= 2^7 + 22^1 + 27^2 + 36^0 &= 27 + 221 + 272 + 360 \\
 880 &:= 2^8 + 2^9 + 6^2 + 76^1 &= 28 + 29 + 62 + 761 \\
 880 &:= 3^5 + 5^4 + 11^1 + 68^0 &= 35 + 54 + 111 + 680 \\
 880 &:= 3^6 + 5^3 + 25^1 + 54^0 &= 36 + 53 + 251 + 540 \\
 880 &:= 1^5 + 18^2 + 20^0 + 23^2 + 25^1 &= 15 + 182 + 200 + 232 + 251 \\
 880 &:= 2^5 + 12^2 + 20^0 + 26^2 + 27^1 &= 25 + 122 + 200 + 262 + 271 \\
 880 &:= 2^5 + 14^2 + 20^0 + 25^2 + 26^1 &= 25 + 142 + 200 + 252 + 261 \\
 880 &:= 2^7 + 10^0 + 21^1 + 27^0 + 27^2 &= 27 + 100 + 211 + 270 + 272 \\
 880 &:= 2^7 + 11^0 + 21^1 + 26^0 + 27^2 &= 27 + 110 + 211 + 260 + 272 \\
 880 &:= 2^7 + 12^0 + 21^1 + 25^0 + 27^2 &= 27 + 120 + 211 + 250 + 272 \\
 880 &:= 2^7 + 13^0 + 21^1 + 24^0 + 27^2 &= 27 + 130 + 211 + 240 + 272
 \end{aligned}$$

$$\begin{aligned}
 880 &:= 2^7 + 14^0 + 21^1 + 23^0 + 27^2 &= 27 + 140 + 211 + 230 + 272 \\
 880 &:= 2^7 + 15^0 + 21^1 + 22^0 + 27^2 &= 27 + 150 + 211 + 220 + 272 \\
 880 &:= 2^7 + 16^0 + 21^0 + 21^1 + 27^2 &= 27 + 160 + 210 + 211 + 272 \\
 880 &:= 2^7 + 17^0 + 20^0 + 21^1 + 27^2 &= 27 + 170 + 200 + 211 + 272 \\
 880 &:= 2^7 + 18^0 + 19^0 + 21^1 + 27^2 &= 27 + 180 + 190 + 211 + 272 \\
 880 &:= 3^5 + 13^2 + 21^2 + 24^0 + 26^1 &= 35 + 132 + 212 + 240 + 261 \\
 880 &:= 3^5 + 17^2 + 18^2 + 23^1 + 26^0 &= 35 + 172 + 182 + 231 + 260 \\
 880 &:= 3^5 + 9^2 + 23^2 + 26^0 + 26^1 &= 35 + 92 + 232 + 260 + 261 \\
 880 &:= 3^6 + 10^2 + 23^1 + 24^0 + 27^1 &= 36 + 102 + 231 + 240 + 271 \\
 880 &:= 3^6 + 10^2 + 24^0 + 24^1 + 26^1 &= 36 + 102 + 240 + 241 + 261 \\
 880 &:= 3^6 + 10^2 + 24^0 + 25^1 + 25^1 &= 36 + 102 + 240 + 251 + 251
 \end{aligned}$$

2.2.782 Number 881

$$\begin{aligned}
 881 &:= 1^8 + 19^0 + 29^2 + 38^1 &= 18 + 190 + 292 + 381 \\
 881 &:= 2^4 + 3^4 + 27^2 + 55^1 &= 24 + 34 + 272 + 551 \\
 881 &:= 2^4 + 4^3 + 9^3 + 72^1 &= 24 + 43 + 93 + 721 \\
 881 &:= 2^6 + 12^2 + 25^2 + 48^1 &= 26 + 122 + 252 + 481 \\
 881 &:= 2^6 + 6^2 + 27^2 + 52^1 &= 26 + 62 + 272 + 521 \\
 881 &:= 2^7 + 9^3 + 23^1 + 53^0 &= 27 + 93 + 231 + 530 \\
 881 &:= 2^8 + 13^0 + 24^2 + 48^1 &= 28 + 130 + 242 + 481 \\
 881 &:= 3^4 + 3^6 + 11^0 + 70^1 &= 34 + 36 + 110 + 701
 \end{aligned}$$

$$\begin{aligned}
 881 &:= 3^5 + 5^3 + 8^3 + 71^0 &= 35 + 53 + 83 + 710 \\
 881 &:= 3^6 + 4^2 + 8^2 + 72^1 &= 36 + 42 + 82 + 721 \\
 881 &:= 1^6 + 18^2 + 19^0 + 23^2 + 26^1 &= 16 + 182 + 190 + 232 + 261 \\
 881 &:= 2^6 + 13^2 + 22^1 + 25^0 + 25^2 &= 26 + 132 + 221 + 250 + 252 \\
 881 &:= 2^6 + 8^2 + 23^1 + 27^0 + 27^2 &= 26 + 82 + 231 + 270 + 272 \\
 881 &:= 2^7 + 9^3 + 22^1 + 27^0 + 27^0 &= 27 + 93 + 221 + 270 + 270
 \end{aligned}$$

2.2.783 Number 882

$$\begin{aligned}
 882 &:= 2^8 + 5^4 + 80^0 &= 28 + 54 + 800 \\
 882 &:= 1^9 + 18^0 + 29^2 + 39^1 &= 19 + 180 + 292 + 391 \\
 882 &:= 2^8 + 15^2 + 20^2 + 50^0 &= 28 + 152 + 202 + 500 \\
 882 &:= 2^8 + 5^4 + 80^0 &= 28 + 54 + 800 \\
 882 &:= 2^8 + 7^2 + 24^2 + 54^0 &= 28 + 72 + 242 + 540 \\
 882 &:= 2^9 + 18^2 + 22^0 + 45^1 &= 29 + 182 + 220 + 451 \\
 882 &:= 2^9 + 8^1 + 19^2 + 58^0 &= 29 + 81 + 192 + 580
 \end{aligned}$$

$$\begin{aligned}
 882 &:= 3^3 + 3^6 + 5^3 + 76^0 &= 33 + 36 + 53 + 760 \\
 882 &:= 1^7 + 18^0 + 18^2 + 23^2 + 27^1 &= 17 + 180 + 182 + 232 + 271 \\
 882 &:= 2^7 + 17^2 + 21^2 + 23^1 + 24^0 &= 27 + 172 + 212 + 231 + 240 \\
 882 &:= 2^8 + 12^0 + 22^1 + 24^2 + 27^1 &= 28 + 120 + 221 + 242 + 271 \\
 882 &:= 2^8 + 12^0 + 23^1 + 24^2 + 26^1 &= 28 + 120 + 231 + 242 + 261 \\
 882 &:= 2^8 + 12^0 + 24^1 + 24^2 + 25^1 &= 28 + 120 + 241 + 242 + 251
 \end{aligned}$$

2.2.784 Number 883

$$\begin{aligned}
 883 &:= 18^0 + 29^2 + 41^1 &= 180 + 292 + 411 \\
 883 &:= 1^0 + 18^0 + 29^2 + 40^1 &= 10 + 180 + 292 + 401
 \end{aligned}$$

$$\begin{aligned}
 883 &:= 1^1 + 2^8 + 5^4 + 79^0 &= 11 + 28 + 54 + 790 \\
 883 &:= 1^3 + 2^8 + 25^2 + 59^0 &= 13 + 28 + 252 + 590
 \end{aligned}$$

$883 := 1^5 + 4^4 + 5^4 + 77^0$	$= 15 + 44 + 54 + 770$	$883 := 7^0 + 12^0 + 29^2 + 40^1$	$= 70 + 120 + 292 + 401$
$883 := 1^7 + 4^4 + 25^2 + 57^0$	$= 17 + 44 + 252 + 570$	$883 := 8^0 + 11^0 + 29^2 + 40^1$	$= 80 + 110 + 292 + 401$
$883 := 1^7 + 5^4 + 16^2 + 65^0$	$= 17 + 54 + 162 + 650$	$883 := 9^0 + 10^0 + 29^2 + 40^1$	$= 90 + 100 + 292 + 401$
$883 := 1^9 + 16^2 + 25^2 + 45^0$	$= 19 + 162 + 252 + 450$	$883 := 1^7 + 5^3 + 27^0 + 27^1 + 27^2$	$= 17 + 53 + 270 + 271 + 272$
$883 := 2^0 + 17^0 + 29^2 + 40^1$	$= 20 + 170 + 292 + 401$	$883 := 2^7 + 5^2 + 26^2 + 27^1 + 27^1$	$= 27 + 52 + 262 + 271 + 271$
$883 := 2^4 + 3^6 + 8^2 + 74^1$	$= 24 + 36 + 82 + 741$	$883 := 2^9 + 18^2 + 19^1 + 21^0 + 27^1$	$= 29 + 182 + 191 + 210 + 271$
$883 := 2^5 + 3^6 + 11^2 + 71^0$	$= 25 + 36 + 112 + 710$	$883 := 2^9 + 18^2 + 20^1 + 21^0 + 26^1$	$= 29 + 182 + 201 + 210 + 261$
$883 := 2^9 + 3^2 + 19^2 + 63^0$	$= 29 + 32 + 192 + 630$	$883 := 2^9 + 18^2 + 21^0 + 21^1 + 25^1$	$= 29 + 182 + 210 + 211 + 251$
$883 := 2^9 + 7^3 + 27^1 + 51^0$	$= 29 + 73 + 271 + 510$	$883 := 2^9 + 18^2 + 21^0 + 22^1 + 24^1$	$= 29 + 182 + 210 + 221 + 241$
$883 := 2^9 + 9^2 + 17^2 + 59^0$	$= 29 + 92 + 172 + 590$	$883 := 2^9 + 18^2 + 21^0 + 23^1 + 23^1$	$= 29 + 182 + 210 + 231 + 231$
$883 := 3^0 + 16^0 + 29^2 + 40^1$	$= 30 + 160 + 292 + 401$	$883 := 2^9 + 7^3 + 25^0 + 26^1 + 27^0$	$= 29 + 73 + 250 + 261 + 270$
$883 := 4^0 + 15^0 + 29^2 + 40^1$	$= 40 + 150 + 292 + 401$	$883 := 2^9 + 7^3 + 26^0 + 26^0 + 26^1$	$= 29 + 73 + 260 + 260 + 261$
$883 := 5^0 + 14^0 + 29^2 + 40^1$	$= 50 + 140 + 292 + 401$		
$883 := 6^0 + 13^0 + 29^2 + 40^1$	$= 60 + 130 + 292 + 401$		

2.2.785 Number 884

$884 := 1^0 + 21^2 + 21^2 + 45^0$	$= 10 + 212 + 212 + 450$	$884 := 18^0 + 21^2 + 21^2 + 28^0$	$= 180 + 212 + 212 + 280$
$884 := 1^1 + 17^0 + 29^2 + 41^1$	$= 11 + 170 + 292 + 411$	$884 := 19^0 + 21^2 + 21^2 + 27^0$	$= 190 + 212 + 212 + 270$
$884 := 10^0 + 21^2 + 21^2 + 36^0$	$= 100 + 212 + 212 + 360$	$884 := 2^0 + 21^2 + 21^2 + 44^0$	$= 20 + 212 + 212 + 440$
$884 := 10^1 + 17^0 + 29^2 + 32^1$	$= 101 + 170 + 292 + 321$	$884 := 2^1 + 17^0 + 29^2 + 40^1$	$= 21 + 170 + 292 + 401$
$884 := 11^0 + 21^2 + 21^2 + 35^0$	$= 110 + 212 + 212 + 350$	$884 := 2^7 + 3^6 + 26^1 + 56^0$	$= 27 + 36 + 261 + 560$
$884 := 11^1 + 17^0 + 29^2 + 31^1$	$= 111 + 170 + 292 + 311$	$884 := 20^0 + 21^2 + 21^2 + 26^0$	$= 200 + 212 + 212 + 260$
$884 := 12^0 + 21^2 + 21^2 + 34^0$	$= 120 + 212 + 212 + 340$	$884 := 21^0 + 21^2 + 21^2 + 25^0$	$= 210 + 212 + 212 + 250$
$884 := 12^1 + 17^0 + 29^2 + 30^1$	$= 121 + 170 + 292 + 301$	$884 := 21^2 + 21^2 + 22^0 + 24^0$	$= 212 + 212 + 220 + 240$
$884 := 13^0 + 21^2 + 21^2 + 33^0$	$= 130 + 212 + 212 + 330$	$884 := 21^2 + 21^2 + 23^0 + 23^0$	$= 212 + 212 + 230 + 230$
$884 := 13^1 + 17^0 + 29^1 + 29^2$	$= 131 + 170 + 291 + 292$	$884 := 3^0 + 21^2 + 21^2 + 43^0$	$= 30 + 212 + 212 + 430$
$884 := 14^0 + 21^2 + 21^2 + 32^0$	$= 140 + 212 + 212 + 320$	$884 := 3^1 + 17^0 + 29^2 + 39^1$	$= 31 + 170 + 292 + 391$
$884 := 14^1 + 17^0 + 28^1 + 29^2$	$= 141 + 170 + 281 + 292$	$884 := 4^0 + 21^2 + 21^2 + 42^0$	$= 40 + 212 + 212 + 420$
$884 := 15^0 + 21^2 + 21^2 + 31^0$	$= 150 + 212 + 212 + 310$	$884 := 4^1 + 17^0 + 29^2 + 38^1$	$= 41 + 170 + 292 + 381$
$884 := 15^1 + 17^0 + 27^1 + 29^2$	$= 151 + 170 + 271 + 292$	$884 := 5^0 + 21^2 + 21^2 + 41^0$	$= 50 + 212 + 212 + 410$
$884 := 16^0 + 21^2 + 21^2 + 30^0$	$= 160 + 212 + 212 + 300$	$884 := 5^1 + 17^0 + 29^2 + 37^1$	$= 51 + 170 + 292 + 371$
$884 := 16^1 + 17^0 + 26^1 + 29^2$	$= 161 + 170 + 261 + 292$	$884 := 6^0 + 21^2 + 21^2 + 40^0$	$= 60 + 212 + 212 + 400$
$884 := 17^0 + 17^1 + 25^1 + 29^2$	$= 170 + 171 + 251 + 292$	$884 := 6^1 + 17^0 + 29^2 + 36^1$	$= 61 + 170 + 292 + 361$
$884 := 17^0 + 18^1 + 24^1 + 29^2$	$= 170 + 181 + 241 + 292$	$884 := 7^0 + 21^2 + 21^2 + 39^0$	$= 70 + 212 + 212 + 390$
$884 := 17^0 + 19^1 + 23^1 + 29^2$	$= 170 + 191 + 231 + 292$	$884 := 7^1 + 17^0 + 29^2 + 35^1$	$= 71 + 170 + 292 + 351$
$884 := 17^0 + 20^1 + 22^1 + 29^2$	$= 170 + 201 + 221 + 292$	$884 := 8^0 + 21^2 + 21^2 + 38^0$	$= 80 + 212 + 212 + 380$
$884 := 17^0 + 21^1 + 21^1 + 29^2$	$= 170 + 211 + 211 + 292$	$884 := 8^1 + 17^0 + 29^2 + 34^1$	$= 81 + 170 + 292 + 341$
$884 := 17^0 + 21^2 + 21^2 + 29^0$	$= 170 + 212 + 212 + 290$	$884 := 9^0 + 21^2 + 21^2 + 37^0$	$= 90 + 212 + 212 + 370$

$$\begin{aligned} 884 &:= 9^1 + 17^0 + 29^2 + 33^1 = 91 + 170 + 292 + 331 & 884 &:= 15^0 + 16^0 + 16^0 + 16^2 + 25^2 = 150 + 160 + 160 + 162 + 252 \\ 884 &:= 1^0 + 16^2 + 19^0 + 25^2 + 27^0 = 10 + 162 + 190 + 252 + 270 & 884 &:= 2^0 + 16^2 + 18^0 + 25^2 + 27^0 = 20 + 162 + 180 + 252 + 270 \\ 884 &:= 1^0 + 16^2 + 20^0 + 25^2 + 26^0 = 10 + 162 + 200 + 252 + 260 & 884 &:= 2^0 + 16^2 + 19^0 + 25^2 + 26^0 = 20 + 162 + 190 + 252 + 260 \\ 884 &:= 1^0 + 16^2 + 21^0 + 25^0 + 25^2 = 10 + 162 + 210 + 250 + 252 & 884 &:= 2^0 + 16^2 + 20^0 + 25^0 + 25^2 = 20 + 162 + 200 + 250 + 252 \\ 884 &:= 1^0 + 16^2 + 22^0 + 24^0 + 25^2 = 10 + 162 + 220 + 240 + 252 & 884 &:= 2^0 + 16^2 + 21^0 + 24^0 + 25^2 = 20 + 162 + 210 + 240 + 252 \\ 884 &:= 1^0 + 16^2 + 23^0 + 23^0 + 25^2 = 10 + 162 + 230 + 230 + 252 & 884 &:= 2^0 + 16^2 + 22^0 + 23^0 + 25^2 = 20 + 162 + 220 + 230 + 252 \\ 884 &:= 10^0 + 10^0 + 16^2 + 25^2 + 27^0 = 100 + 100 + 162 + 252 + 270 & 884 &:= 3^0 + 16^2 + 17^0 + 25^2 + 27^0 = 30 + 162 + 170 + 252 + 270 \\ 884 &:= 10^0 + 11^0 + 16^2 + 25^2 + 26^0 = 100 + 110 + 162 + 252 + 260 & 884 &:= 3^0 + 16^2 + 18^0 + 25^2 + 26^0 = 30 + 162 + 180 + 252 + 260 \\ 884 &:= 10^0 + 12^0 + 16^2 + 25^0 + 25^2 = 100 + 120 + 162 + 250 + 252 & 884 &:= 3^0 + 16^2 + 19^0 + 25^0 + 25^2 = 30 + 162 + 190 + 250 + 252 \\ 884 &:= 10^0 + 13^0 + 16^2 + 24^0 + 25^2 = 100 + 130 + 162 + 240 + 252 & 884 &:= 3^0 + 16^2 + 20^0 + 24^0 + 25^2 = 30 + 162 + 200 + 240 + 252 \\ 884 &:= 10^0 + 14^0 + 16^2 + 23^0 + 25^2 = 100 + 140 + 162 + 230 + 252 & 884 &:= 3^0 + 16^2 + 21^0 + 23^0 + 25^2 = 30 + 162 + 210 + 230 + 252 \\ 884 &:= 10^0 + 15^0 + 16^2 + 22^0 + 25^2 = 100 + 150 + 162 + 220 + 252 & 884 &:= 3^0 + 16^2 + 22^0 + 22^0 + 25^2 = 30 + 162 + 220 + 220 + 252 \\ 884 &:= 10^0 + 16^0 + 16^2 + 21^0 + 25^2 = 100 + 160 + 162 + 210 + 252 & 884 &:= 4^0 + 16^0 + 16^2 + 25^2 + 27^0 = 40 + 160 + 162 + 252 + 270 \\ 884 &:= 10^0 + 16^2 + 17^0 + 20^0 + 25^2 = 100 + 162 + 170 + 200 + 252 & 884 &:= 4^0 + 16^2 + 17^0 + 25^2 + 26^0 = 40 + 162 + 170 + 252 + 260 \\ 884 &:= 10^0 + 16^2 + 18^0 + 19^0 + 25^2 = 100 + 162 + 180 + 190 + 252 & 884 &:= 4^0 + 16^2 + 18^0 + 25^0 + 25^2 = 40 + 162 + 180 + 250 + 252 \\ 884 &:= 11^0 + 11^0 + 16^2 + 25^0 + 25^2 = 110 + 110 + 162 + 250 + 252 & 884 &:= 4^0 + 16^2 + 19^0 + 24^0 + 25^2 = 40 + 162 + 190 + 240 + 252 \\ 884 &:= 11^0 + 12^0 + 16^2 + 24^0 + 25^2 = 110 + 120 + 162 + 240 + 252 & 884 &:= 4^0 + 16^2 + 20^0 + 23^0 + 25^2 = 40 + 162 + 200 + 230 + 252 \\ 884 &:= 11^0 + 13^0 + 16^2 + 23^0 + 25^2 = 110 + 130 + 162 + 230 + 252 & 884 &:= 4^0 + 16^2 + 21^0 + 22^0 + 25^2 = 40 + 162 + 210 + 220 + 252 \\ 884 &:= 11^0 + 14^0 + 16^2 + 22^0 + 25^2 = 110 + 140 + 162 + 220 + 252 & 884 &:= 5^0 + 15^0 + 16^2 + 25^2 + 27^0 = 50 + 150 + 162 + 252 + 270 \\ 884 &:= 11^0 + 15^0 + 16^2 + 21^0 + 25^2 = 110 + 150 + 162 + 210 + 252 & 884 &:= 5^0 + 16^0 + 16^2 + 25^2 + 26^0 = 50 + 160 + 162 + 252 + 260 \\ 884 &:= 11^0 + 16^0 + 16^2 + 20^0 + 25^2 = 110 + 160 + 162 + 200 + 252 & 884 &:= 5^0 + 16^2 + 17^0 + 25^0 + 25^2 = 50 + 162 + 170 + 250 + 252 \\ 884 &:= 11^0 + 16^2 + 17^0 + 19^0 + 25^2 = 110 + 162 + 170 + 190 + 252 & 884 &:= 5^0 + 16^2 + 18^0 + 24^0 + 25^2 = 50 + 162 + 180 + 240 + 252 \\ 884 &:= 11^0 + 16^2 + 18^0 + 18^0 + 25^2 = 110 + 162 + 180 + 180 + 252 & 884 &:= 5^0 + 16^2 + 19^0 + 23^0 + 25^2 = 50 + 162 + 190 + 230 + 252 \\ 884 &:= 12^0 + 12^0 + 16^2 + 23^0 + 25^2 = 120 + 120 + 162 + 230 + 252 & 884 &:= 5^0 + 16^2 + 20^0 + 22^0 + 25^2 = 50 + 162 + 200 + 220 + 252 \\ 884 &:= 12^0 + 13^0 + 16^2 + 22^0 + 25^2 = 120 + 130 + 162 + 220 + 252 & 884 &:= 5^0 + 16^2 + 21^0 + 21^0 + 25^2 = 50 + 162 + 210 + 210 + 252 \\ 884 &:= 12^0 + 14^0 + 16^2 + 21^0 + 25^2 = 120 + 140 + 162 + 210 + 252 & 884 &:= 6^0 + 14^0 + 16^2 + 25^2 + 27^0 = 60 + 140 + 162 + 252 + 270 \\ 884 &:= 12^0 + 15^0 + 16^2 + 20^0 + 25^2 = 120 + 150 + 162 + 200 + 252 & 884 &:= 6^0 + 15^0 + 16^2 + 25^2 + 26^0 = 60 + 150 + 162 + 252 + 260 \\ 884 &:= 12^0 + 16^0 + 16^2 + 19^0 + 25^2 = 120 + 160 + 162 + 190 + 252 & 884 &:= 6^0 + 16^0 + 16^2 + 25^0 + 25^2 = 60 + 160 + 162 + 250 + 252 \\ 884 &:= 12^0 + 16^2 + 17^0 + 18^0 + 25^2 = 120 + 162 + 170 + 180 + 252 & 884 &:= 6^0 + 16^2 + 17^0 + 24^0 + 25^2 = 60 + 162 + 170 + 240 + 252 \\ 884 &:= 13^0 + 13^0 + 16^2 + 21^0 + 25^2 = 130 + 130 + 162 + 210 + 252 & 884 &:= 6^0 + 16^2 + 18^0 + 23^0 + 25^2 = 60 + 162 + 180 + 230 + 252 \\ 884 &:= 13^0 + 14^0 + 16^2 + 20^0 + 25^2 = 130 + 140 + 162 + 200 + 252 & 884 &:= 6^0 + 16^2 + 19^0 + 22^0 + 25^2 = 60 + 162 + 190 + 220 + 252 \\ 884 &:= 13^0 + 15^0 + 16^2 + 19^0 + 25^2 = 130 + 150 + 162 + 190 + 252 & 884 &:= 6^0 + 16^2 + 20^0 + 21^0 + 25^2 = 60 + 162 + 200 + 210 + 252 \\ 884 &:= 13^0 + 16^0 + 16^2 + 18^0 + 25^2 = 130 + 160 + 162 + 180 + 252 & 884 &:= 7^0 + 13^0 + 16^2 + 25^2 + 27^0 = 70 + 130 + 162 + 252 + 270 \\ 884 &:= 13^0 + 16^2 + 17^0 + 17^0 + 25^2 = 130 + 162 + 170 + 170 + 252 & 884 &:= 7^0 + 14^0 + 16^2 + 25^2 + 26^0 = 70 + 140 + 162 + 252 + 260 \\ 884 &:= 14^0 + 14^0 + 16^2 + 19^0 + 25^2 = 140 + 140 + 162 + 190 + 252 & 884 &:= 7^0 + 15^0 + 16^2 + 25^0 + 25^2 = 70 + 150 + 162 + 250 + 252 \\ 884 &:= 14^0 + 15^0 + 16^2 + 18^0 + 25^2 = 140 + 150 + 162 + 180 + 252 & 884 &:= 7^0 + 16^0 + 16^2 + 24^0 + 25^2 = 70 + 160 + 162 + 240 + 252 \\ 884 &:= 14^0 + 16^0 + 16^2 + 17^0 + 25^2 = 140 + 160 + 162 + 170 + 252 & 884 &:= 7^0 + 16^2 + 17^0 + 23^0 + 25^2 = 70 + 162 + 170 + 230 + 252 \\ 884 &:= 15^0 + 15^0 + 16^2 + 17^0 + 25^2 = 150 + 150 + 162 + 170 + 252 & 884 &:= 7^0 + 16^2 + 18^0 + 22^0 + 25^2 = 70 + 162 + 180 + 220 + 252 \end{aligned}$$

$$\begin{aligned}
 884 &:= 7^0 + 16^2 + 19^0 + 21^0 + 25^2 = 70 + 162 + 190 + 210 + 252 \\
 884 &:= 7^0 + 16^2 + 20^0 + 20^0 + 25^2 = 70 + 162 + 200 + 200 + 252 \\
 884 &:= 8^0 + 12^0 + 16^2 + 25^2 + 27^0 = 80 + 120 + 162 + 252 + 270 \\
 884 &:= 8^0 + 13^0 + 16^2 + 25^2 + 26^0 = 80 + 130 + 162 + 252 + 260 \\
 884 &:= 8^0 + 14^0 + 16^2 + 25^0 + 25^2 = 80 + 140 + 162 + 250 + 252 \\
 884 &:= 8^0 + 15^0 + 16^2 + 24^0 + 25^2 = 80 + 150 + 162 + 240 + 252 \\
 884 &:= 8^0 + 16^0 + 16^2 + 23^0 + 25^2 = 80 + 160 + 162 + 230 + 252 \\
 884 &:= 8^0 + 16^2 + 17^0 + 22^0 + 25^2 = 80 + 162 + 170 + 220 + 252 \\
 884 &:= 8^0 + 16^2 + 18^0 + 21^0 + 25^2 = 80 + 162 + 180 + 210 + 252 \\
 884 &:= 8^0 + 16^2 + 19^0 + 20^0 + 25^2 = 80 + 162 + 190 + 200 + 252
 \end{aligned}$$

$$\begin{aligned}
 884 &:= 9^0 + 11^0 + 16^2 + 25^2 + 27^0 = 90 + 110 + 162 + 252 + 270 \\
 884 &:= 9^0 + 12^0 + 16^2 + 25^2 + 26^0 = 90 + 120 + 162 + 252 + 260 \\
 884 &:= 9^0 + 13^0 + 16^2 + 25^0 + 25^2 = 90 + 130 + 162 + 250 + 252 \\
 884 &:= 9^0 + 14^0 + 16^2 + 24^0 + 25^2 = 90 + 140 + 162 + 240 + 252 \\
 884 &:= 9^0 + 15^0 + 16^2 + 23^0 + 25^2 = 90 + 150 + 162 + 230 + 252 \\
 884 &:= 9^0 + 16^0 + 16^2 + 22^0 + 25^2 = 90 + 160 + 162 + 220 + 252 \\
 884 &:= 9^0 + 16^2 + 17^0 + 21^0 + 25^2 = 90 + 162 + 170 + 210 + 252 \\
 884 &:= 9^0 + 16^2 + 18^0 + 20^0 + 25^2 = 90 + 162 + 180 + 200 + 252 \\
 884 &:= 9^0 + 16^2 + 19^0 + 19^0 + 25^2 = 90 + 162 + 190 + 190 + 252
 \end{aligned}$$

2.2.786 Number 885

$$\begin{aligned}
 885 &:= 1^2 + 16^0 + 29^2 + 42^1 = 12 + 160 + 292 + 421 \\
 885 &:= 1^6 + 3^6 + 9^2 + 74^1 = 16 + 36 + 92 + 741 \\
 885 &:= 1^7 + 3^4 + 9^3 + 74^1 = 17 + 34 + 93 + 741 \\
 885 &:= 1^9 + 7^3 + 22^2 + 57^1 = 19 + 73 + 222 + 571 \\
 885 &:= 10^0 + 13^2 + 26^2 + 39^1 = 100 + 132 + 262 + 391 \\
 885 &:= 11^1 + 12^2 + 27^2 + 38^0 = 111 + 122 + 272 + 380 \\
 885 &:= 11^2 + 16^0 + 27^2 + 34^1 = 112 + 160 + 272 + 341 \\
 885 &:= 12^1 + 14^2 + 26^2 + 36^0 = 121 + 142 + 262 + 360 \\
 885 &:= 14^0 + 15^2 + 25^2 + 34^1 = 140 + 152 + 252 + 341 \\
 885 &:= 16^0 + 18^2 + 23^2 + 31^1 = 160 + 182 + 232 + 311 \\
 885 &:= 17^2 + 19^1 + 24^2 + 28^0 = 172 + 191 + 242 + 280 \\
 885 &:= 2^0 + 7^2 + 28^2 + 51^1 = 20 + 72 + 282 + 511 \\
 885 &:= 2^1 + 21^2 + 21^2 + 44^0 = 21 + 212 + 212 + 440 \\
 885 &:= 2^2 + 18^0 + 29^2 + 39^1 = 22 + 180 + 292 + 391 \\
 885 &:= 3^1 + 16^2 + 25^2 + 44^0 = 31 + 162 + 252 + 440 \\
 885 &:= 3^2 + 22^0 + 29^2 + 34^1 = 32 + 220 + 292 + 341 \\
 885 &:= 4^0 + 20^2 + 21^2 + 43^1 = 40 + 202 + 212 + 431 \\
 885 &:= 4^2 + 27^1 + 28^0 + 29^2 = 42 + 271 + 280 + 292 \\
 885 &:= 5^2 + 18^1 + 29^2 + 36^0 = 52 + 181 + 292 + 360 \\
 885 &:= 6^2 + 7^1 + 29^2 + 46^0 = 62 + 71 + 292 + 460 \\
 885 &:= 8^0 + 19^2 + 22^2 + 39^1 = 80 + 192 + 222 + 391 \\
 885 &:= 8^2 + 16^0 + 28^2 + 36^1 = 82 + 160 + 282 + 361 \\
 885 &:= 9^2 + 19^1 + 28^2 + 32^0 = 92 + 191 + 282 + 320 \\
 885 &:= 1^1 + 18^0 + 21^2 + 21^2 + 27^0 = 11 + 180 + 212 + 212 + 270 \\
 885 &:= 1^1 + 19^0 + 21^2 + 21^2 + 26^0 = 11 + 190 + 212 + 212 + 260
 \end{aligned}$$

$$\begin{aligned}
 885 &:= 1^1 + 20^0 + 21^2 + 21^2 + 25^0 = 11 + 200 + 212 + 212 + 250 \\
 885 &:= 1^1 + 21^0 + 21^2 + 21^2 + 24^0 = 11 + 210 + 212 + 212 + 240 \\
 885 &:= 1^1 + 21^2 + 21^2 + 22^0 + 23^0 = 11 + 212 + 212 + 220 + 230 \\
 885 &:= 10^0 + 11^1 + 14^2 + 26^2 + 27^0 = 100 + 111 + 142 + 262 + 270 \\
 885 &:= 10^0 + 17^2 + 18^1 + 19^0 + 24^2 = 100 + 172 + 181 + 190 + 242 \\
 885 &:= 10^1 + 12^0 + 12^2 + 27^0 + 27^2 = 101 + 120 + 122 + 270 + 272 \\
 885 &:= 10^1 + 12^2 + 13^0 + 26^0 + 27^2 = 101 + 122 + 130 + 260 + 272 \\
 885 &:= 10^1 + 12^2 + 14^0 + 25^0 + 27^2 = 101 + 122 + 140 + 250 + 272 \\
 885 &:= 10^1 + 12^2 + 15^0 + 24^0 + 27^2 = 101 + 122 + 150 + 240 + 272 \\
 885 &:= 10^1 + 12^2 + 16^0 + 23^0 + 27^2 = 101 + 122 + 160 + 230 + 272 \\
 885 &:= 10^1 + 12^2 + 17^0 + 22^0 + 27^2 = 101 + 122 + 170 + 220 + 272 \\
 885 &:= 10^1 + 12^2 + 18^0 + 21^0 + 27^2 = 101 + 122 + 180 + 210 + 272 \\
 885 &:= 10^1 + 12^2 + 19^0 + 20^0 + 27^2 = 101 + 122 + 190 + 200 + 272 \\
 885 &:= 11^0 + 11^1 + 14^2 + 26^0 + 26^2 = 110 + 111 + 142 + 260 + 262 \\
 885 &:= 11^0 + 17^2 + 18^0 + 18^1 + 24^2 = 110 + 172 + 180 + 181 + 242 \\
 885 &:= 11^1 + 12^0 + 14^2 + 25^0 + 26^2 = 111 + 120 + 142 + 250 + 262 \\
 885 &:= 11^1 + 13^0 + 14^2 + 24^0 + 26^2 = 111 + 130 + 142 + 240 + 262 \\
 885 &:= 11^1 + 14^0 + 14^2 + 23^0 + 26^2 = 111 + 140 + 142 + 230 + 262 \\
 885 &:= 11^1 + 14^2 + 15^0 + 22^0 + 26^2 = 111 + 142 + 150 + 220 + 262 \\
 885 &:= 11^1 + 14^2 + 16^0 + 21^0 + 26^2 = 111 + 142 + 160 + 210 + 262 \\
 885 &:= 11^1 + 14^2 + 17^0 + 20^0 + 26^2 = 111 + 142 + 170 + 200 + 262 \\
 885 &:= 11^1 + 14^2 + 18^0 + 19^0 + 26^2 = 111 + 142 + 180 + 190 + 262 \\
 885 &:= 12^0 + 17^0 + 17^2 + 18^1 + 24^2 = 120 + 170 + 172 + 181 + 242 \\
 885 &:= 13^0 + 16^0 + 17^2 + 18^1 + 24^2 = 130 + 160 + 172 + 181 + 242 \\
 885 &:= 14^0 + 15^0 + 17^2 + 18^1 + 24^2 = 140 + 150 + 172 + 181 + 242
 \end{aligned}$$

$$\begin{aligned}
 885 &:= 2^0 + 17^2 + 18^1 + 24^2 + 27^0 = 20 + 172 + 181 + 242 + 270 \\
 885 &:= 2^1 + 16^2 + 18^0 + 25^2 + 27^0 = 21 + 162 + 180 + 252 + 270 \\
 885 &:= 2^1 + 16^2 + 19^0 + 25^2 + 26^0 = 21 + 162 + 190 + 252 + 260 \\
 885 &:= 2^1 + 16^2 + 20^0 + 25^0 + 25^2 = 21 + 162 + 200 + 250 + 252 \\
 885 &:= 2^1 + 16^2 + 21^0 + 24^0 + 25^2 = 21 + 162 + 210 + 240 + 252 \\
 885 &:= 2^1 + 16^2 + 22^0 + 23^0 + 25^2 = 21 + 162 + 220 + 230 + 252 \\
 885 &:= 3^0 + 17^2 + 18^1 + 24^2 + 26^0 = 30 + 172 + 181 + 242 + 260
 \end{aligned}$$

$$\begin{aligned}
 885 &:= 4^0 + 17^2 + 18^1 + 24^2 + 25^0 = 40 + 172 + 181 + 242 + 250 \\
 885 &:= 5^0 + 17^2 + 18^1 + 24^0 + 24^2 = 50 + 172 + 181 + 240 + 242 \\
 885 &:= 6^0 + 17^2 + 18^1 + 23^0 + 24^2 = 60 + 172 + 181 + 230 + 242 \\
 885 &:= 7^0 + 17^2 + 18^1 + 22^0 + 24^2 = 70 + 172 + 181 + 220 + 242 \\
 885 &:= 8^0 + 17^2 + 18^1 + 21^0 + 24^2 = 80 + 172 + 181 + 210 + 242 \\
 885 &:= 9^0 + 17^2 + 18^1 + 20^0 + 24^2 = 90 + 172 + 181 + 200 + 242
 \end{aligned}$$

2.2.787 Number 886

$$\begin{aligned}
 886 &:= 7^3 + 22^2 + 59^1 = 73 + 222 + 591 \\
 886 &:= 1^0 + 7^3 + 22^2 + 58^1 = 10 + 73 + 222 + 581 \\
 886 &:= 1^1 + 7^2 + 28^2 + 52^1 = 11 + 72 + 282 + 521 \\
 886 &:= 1^2 + 10^2 + 28^2 + 49^0 = 12 + 102 + 282 + 490 \\
 886 &:= 1^2 + 20^2 + 22^2 + 45^0 = 12 + 202 + 222 + 450 \\
 886 &:= 1^3 + 15^0 + 29^2 + 43^1 = 13 + 150 + 292 + 431 \\
 886 &:= 10^2 + 16^2 + 23^2 + 39^0 = 102 + 162 + 232 + 390 \\
 886 &:= 14^2 + 17^2 + 20^2 + 37^0 = 142 + 172 + 202 + 370 \\
 886 &:= 2^1 + 7^2 + 28^2 + 51^1 = 21 + 72 + 282 + 511 \\
 886 &:= 2^2 + 16^2 + 25^2 + 45^0 = 22 + 162 + 252 + 450 \\
 886 &:= 2^3 + 21^0 + 29^2 + 36^1 = 23 + 210 + 292 + 361 \\
 886 &:= 3^1 + 7^2 + 28^2 + 50^1 = 31 + 72 + 282 + 501 \\
 886 &:= 3^3 + 17^1 + 29^2 + 39^0 = 33 + 171 + 292 + 390 \\
 886 &:= 4^1 + 7^2 + 28^2 + 49^1 = 41 + 72 + 282 + 491 \\
 886 &:= 4^3 + 19^0 + 28^2 + 37^1 = 43 + 190 + 282 + 371 \\
 886 &:= 5^1 + 7^2 + 28^2 + 48^1 = 51 + 72 + 282 + 481 \\
 886 &:= 5^3 + 25^0 + 27^2 + 31^1 = 53 + 250 + 272 + 311 \\
 886 &:= 6^1 + 7^2 + 28^2 + 47^1 = 61 + 72 + 282 + 471 \\
 886 &:= 6^3 + 13^0 + 25^2 + 44^1 = 63 + 130 + 252 + 441 \\
 886 &:= 7^1 + 7^2 + 28^2 + 46^1 = 71 + 72 + 282 + 461 \\
 886 &:= 7^2 + 10^1 + 28^2 + 43^1 = 72 + 101 + 282 + 431 \\
 886 &:= 7^2 + 11^1 + 28^2 + 42^1 = 72 + 111 + 282 + 421 \\
 886 &:= 7^2 + 12^1 + 28^2 + 41^1 = 72 + 121 + 282 + 411 \\
 886 &:= 7^2 + 13^1 + 28^2 + 40^1 = 72 + 131 + 282 + 401 \\
 886 &:= 7^2 + 14^1 + 28^2 + 39^1 = 72 + 141 + 282 + 391 \\
 886 &:= 7^2 + 15^1 + 28^2 + 38^1 = 72 + 151 + 282 + 381 \\
 886 &:= 7^2 + 16^1 + 28^2 + 37^1 = 72 + 161 + 282 + 371 \\
 886 &:= 7^2 + 17^1 + 28^2 + 36^1 = 72 + 171 + 282 + 361
 \end{aligned}$$

$$\begin{aligned}
 886 &:= 7^2 + 18^1 + 28^2 + 35^1 = 72 + 181 + 282 + 351 \\
 886 &:= 7^2 + 19^1 + 28^2 + 34^1 = 72 + 191 + 282 + 341 \\
 886 &:= 7^2 + 20^1 + 28^2 + 33^1 = 72 + 201 + 282 + 331 \\
 886 &:= 7^2 + 21^1 + 28^2 + 32^1 = 72 + 211 + 282 + 321 \\
 886 &:= 7^2 + 22^1 + 28^2 + 31^1 = 72 + 221 + 282 + 311 \\
 886 &:= 7^2 + 23^1 + 28^2 + 30^1 = 72 + 231 + 282 + 301 \\
 886 &:= 7^2 + 24^1 + 28^2 + 29^1 = 72 + 241 + 282 + 291 \\
 886 &:= 7^2 + 25^1 + 28^1 + 28^2 = 72 + 251 + 281 + 282 \\
 886 &:= 7^2 + 26^1 + 27^1 + 28^2 = 72 + 261 + 271 + 282 \\
 886 &:= 7^2 + 8^1 + 28^2 + 45^1 = 72 + 81 + 282 + 451 \\
 886 &:= 7^2 + 9^1 + 28^2 + 44^1 = 72 + 91 + 282 + 441 \\
 886 &:= 7^3 + 13^1 + 23^2 + 45^0 = 73 + 131 + 232 + 450 \\
 886 &:= 7^3 + 22^2 + 59^1 = 73 + 222 + 591 \\
 886 &:= 8^2 + 14^2 + 25^2 + 41^0 = 82 + 142 + 252 + 410 \\
 886 &:= 8^3 + 12^1 + 19^2 + 49^0 = 83 + 121 + 192 + 490 \\
 886 &:= 8^3 + 13^0 + 18^2 + 49^1 = 83 + 130 + 182 + 491 \\
 886 &:= 9^3 + 10^2 + 13^0 + 56^1 = 93 + 102 + 130 + 561 \\
 886 &:= 9^3 + 11^2 + 33^0 + 35^1 = 93 + 112 + 330 + 351 \\
 886 &:= 9^3 + 12^1 + 12^2 + 55^0 = 93 + 121 + 122 + 550 \\
 886 &:= 1^1 + 17^2 + 19^1 + 24^2 + 27^0 = 11 + 172 + 191 + 242 + 270 \\
 886 &:= 10^1 + 10^1 + 17^2 + 24^2 + 27^0 = 101 + 101 + 172 + 242 + 270 \\
 886 &:= 10^1 + 11^2 + 15^0 + 25^1 + 27^2 = 101 + 112 + 150 + 251 + 272 \\
 886 &:= 10^1 + 13^0 + 15^2 + 25^1 + 25^2 = 101 + 130 + 152 + 251 + 252 \\
 886 &:= 10^1 + 15^0 + 18^2 + 22^1 + 23^2 = 101 + 150 + 182 + 221 + 232 \\
 886 &:= 11^0 + 12^2 + 16^2 + 22^2 + 27^0 = 110 + 122 + 162 + 222 + 270 \\
 886 &:= 11^1 + 11^2 + 15^0 + 24^1 + 27^2 = 111 + 112 + 150 + 241 + 272 \\
 886 &:= 11^1 + 13^0 + 15^2 + 24^1 + 25^2 = 111 + 130 + 152 + 241 + 252 \\
 886 &:= 11^1 + 15^0 + 18^2 + 21^1 + 23^2 = 111 + 150 + 182 + 211 + 232
 \end{aligned}$$

$$\begin{aligned} 886 &:= 11^2 + 12^1 + 15^0 + 23^1 + 27^2 = 112 + 121 + 150 + 231 + 272 & 886 &:= 7^0 + 13^1 + 19^2 + 22^2 + 27^1 = 70 + 131 + 192 + 222 + 271 \\ 886 &:= 11^2 + 13^1 + 15^0 + 22^1 + 27^2 = 112 + 131 + 150 + 221 + 272 & 886 &:= 7^0 + 14^1 + 19^2 + 22^2 + 26^1 = 70 + 141 + 192 + 222 + 261 \\ 886 &:= 11^2 + 14^1 + 15^0 + 21^1 + 27^2 = 112 + 141 + 150 + 211 + 272 & 886 &:= 7^0 + 15^1 + 19^2 + 22^2 + 25^1 = 70 + 151 + 192 + 222 + 251 \\ 886 &:= 11^2 + 15^0 + 15^1 + 20^1 + 27^2 = 112 + 150 + 151 + 201 + 272 & 886 &:= 7^0 + 16^1 + 19^2 + 22^2 + 24^1 = 70 + 161 + 192 + 222 + 241 \\ 886 &:= 11^2 + 15^0 + 16^1 + 19^1 + 27^2 = 112 + 150 + 161 + 191 + 272 & 886 &:= 7^0 + 17^1 + 19^2 + 22^2 + 23^1 = 70 + 171 + 192 + 222 + 231 \\ 886 &:= 11^2 + 15^0 + 17^1 + 18^1 + 27^2 = 112 + 150 + 171 + 181 + 272 & 886 &:= 7^0 + 18^1 + 19^2 + 22^1 + 22^2 = 70 + 181 + 192 + 221 + 222 \\ 886 &:= 12^0 + 12^2 + 16^2 + 22^2 + 26^0 = 120 + 122 + 162 + 222 + 260 & 886 &:= 7^0 + 19^1 + 19^2 + 21^1 + 22^2 = 70 + 191 + 192 + 211 + 222 \\ 886 &:= 12^1 + 13^0 + 15^2 + 23^1 + 25^2 = 121 + 130 + 152 + 231 + 252 & 886 &:= 7^0 + 19^2 + 20^1 + 20^1 + 22^2 = 70 + 192 + 201 + 201 + 222 \\ 886 &:= 12^1 + 15^0 + 18^2 + 20^1 + 23^2 = 121 + 150 + 182 + 201 + 232 & 886 &:= 7^1 + 13^1 + 17^2 + 24^2 + 27^0 = 71 + 131 + 172 + 242 + 270 \\ 886 &:= 12^2 + 13^0 + 16^2 + 22^2 + 25^0 = 122 + 130 + 162 + 222 + 250 & 886 &:= 7^1 + 15^0 + 18^2 + 23^2 + 25^1 = 71 + 150 + 182 + 232 + 251 \\ 886 &:= 12^2 + 14^0 + 16^2 + 22^2 + 24^0 = 122 + 140 + 162 + 222 + 240 & 886 &:= 7^3 + 12^1 + 19^0 + 23^2 + 27^0 = 73 + 121 + 190 + 232 + 270 \\ 886 &:= 12^2 + 15^0 + 16^2 + 22^2 + 23^0 = 122 + 150 + 162 + 222 + 230 & 886 &:= 7^3 + 12^1 + 20^0 + 23^2 + 26^0 = 73 + 121 + 200 + 232 + 260 \\ 886 &:= 12^2 + 16^0 + 16^2 + 22^0 + 22^2 = 122 + 160 + 162 + 220 + 222 & 886 &:= 7^3 + 12^1 + 21^0 + 23^2 + 25^0 = 73 + 121 + 210 + 232 + 250 \\ 886 &:= 12^2 + 16^2 + 17^0 + 21^0 + 22^2 = 122 + 162 + 170 + 210 + 222 & 886 &:= 7^3 + 12^1 + 22^0 + 23^2 + 24^0 = 73 + 121 + 220 + 232 + 240 \\ 886 &:= 12^2 + 16^2 + 18^0 + 20^0 + 22^2 = 122 + 162 + 180 + 200 + 222 & 886 &:= 7^3 + 12^1 + 23^0 + 23^0 + 23^2 = 73 + 121 + 230 + 230 + 232 \\ 886 &:= 12^2 + 16^2 + 19^0 + 19^0 + 22^2 = 122 + 162 + 190 + 190 + 222 & 886 &:= 8^1 + 11^2 + 15^0 + 27^1 + 27^2 = 81 + 112 + 150 + 271 + 272 \\ 886 &:= 13^0 + 13^1 + 15^2 + 22^1 + 25^2 = 130 + 131 + 152 + 221 + 252 & 886 &:= 8^1 + 12^1 + 17^2 + 24^2 + 27^0 = 81 + 121 + 172 + 242 + 270 \\ 886 &:= 13^0 + 14^1 + 15^2 + 21^1 + 25^2 = 130 + 141 + 152 + 211 + 252 & 886 &:= 8^1 + 13^0 + 15^2 + 25^2 + 27^1 = 81 + 130 + 152 + 252 + 271 \\ 886 &:= 13^0 + 15^1 + 15^2 + 20^1 + 25^2 = 130 + 151 + 152 + 201 + 252 & 886 &:= 8^1 + 15^0 + 18^2 + 23^2 + 24^1 = 81 + 150 + 182 + 232 + 241 \\ 886 &:= 13^0 + 15^2 + 16^1 + 19^1 + 25^2 = 130 + 152 + 161 + 191 + 252 & 886 &:= 8^2 + 12^2 + 15^0 + 26^2 + 27^0 = 82 + 122 + 150 + 262 + 270 \\ 886 &:= 13^0 + 15^2 + 17^1 + 18^1 + 25^2 = 130 + 152 + 171 + 181 + 252 & 886 &:= 8^2 + 12^2 + 16^0 + 26^0 + 26^2 = 82 + 122 + 160 + 260 + 262 \\ 886 &:= 13^1 + 15^0 + 18^2 + 19^1 + 23^2 = 131 + 150 + 182 + 191 + 232 & 886 &:= 8^2 + 12^2 + 17^0 + 25^0 + 26^2 = 82 + 122 + 170 + 250 + 262 \\ 886 &:= 14^1 + 15^0 + 18^1 + 18^2 + 23^2 = 141 + 150 + 181 + 182 + 232 & 886 &:= 8^2 + 12^2 + 18^0 + 24^0 + 26^2 = 82 + 122 + 180 + 240 + 262 \\ 886 &:= 15^0 + 15^1 + 17^1 + 18^2 + 23^2 = 150 + 151 + 171 + 182 + 232 & 886 &:= 8^2 + 12^2 + 19^0 + 23^0 + 26^2 = 82 + 122 + 190 + 230 + 262 \\ 886 &:= 15^0 + 16^1 + 16^1 + 18^2 + 23^2 = 150 + 161 + 161 + 182 + 232 & 886 &:= 8^2 + 12^2 + 20^0 + 22^0 + 26^2 = 82 + 122 + 200 + 220 + 262 \\ 886 &:= 2^1 + 17^2 + 18^1 + 24^2 + 27^0 = 21 + 172 + 181 + 242 + 270 & 886 &:= 8^2 + 12^2 + 21^0 + 21^0 + 26^2 = 82 + 122 + 210 + 210 + 262 \\ 886 &:= 3^0 + 17^1 + 20^2 + 21^2 + 27^1 = 30 + 171 + 202 + 212 + 271 & 886 &:= 8^3 + 11^1 + 19^2 + 23^0 + 27^0 = 83 + 111 + 192 + 230 + 270 \\ 886 &:= 3^0 + 18^1 + 20^2 + 21^2 + 26^1 = 30 + 181 + 202 + 212 + 261 & 886 &:= 8^3 + 11^1 + 19^2 + 24^0 + 26^0 = 83 + 111 + 192 + 240 + 260 \\ 886 &:= 3^0 + 19^1 + 20^2 + 21^2 + 25^1 = 30 + 191 + 202 + 212 + 251 & 886 &:= 8^3 + 11^1 + 19^2 + 25^0 + 25^0 = 83 + 111 + 192 + 250 + 250 \\ 886 &:= 3^0 + 20^1 + 20^2 + 21^2 + 24^1 = 30 + 201 + 202 + 212 + 241 & 886 &:= 9^0 + 13^1 + 13^2 + 26^2 + 27^1 = 90 + 131 + 132 + 262 + 271 \\ 886 &:= 3^0 + 20^2 + 21^1 + 21^2 + 23^1 = 30 + 202 + 211 + 212 + 231 & 886 &:= 9^0 + 13^2 + 14^1 + 26^1 + 26^2 = 90 + 132 + 141 + 261 + 262 \\ 886 &:= 3^0 + 20^2 + 21^2 + 22^1 + 22^1 = 30 + 202 + 212 + 221 + 221 & 886 &:= 9^0 + 13^2 + 15^1 + 25^1 + 26^2 = 90 + 132 + 151 + 251 + 262 \\ 886 &:= 3^1 + 17^1 + 17^2 + 24^2 + 27^0 = 31 + 171 + 172 + 242 + 270 & 886 &:= 9^0 + 13^2 + 16^1 + 24^1 + 26^2 = 90 + 132 + 161 + 241 + 262 \\ 886 &:= 4^1 + 16^1 + 17^2 + 24^2 + 27^0 = 41 + 161 + 172 + 242 + 270 & 886 &:= 9^0 + 13^2 + 17^1 + 23^1 + 26^2 = 90 + 132 + 171 + 231 + 262 \\ 886 &:= 5^1 + 15^0 + 18^2 + 23^2 + 27^1 = 51 + 150 + 182 + 232 + 271 & 886 &:= 9^0 + 13^2 + 18^1 + 22^1 + 26^2 = 90 + 132 + 181 + 221 + 262 \\ 886 &:= 5^1 + 15^1 + 17^2 + 24^2 + 27^0 = 51 + 151 + 172 + 242 + 270 & 886 &:= 9^0 + 13^2 + 19^1 + 21^1 + 26^2 = 90 + 132 + 191 + 211 + 262 \\ 886 &:= 6^1 + 14^1 + 17^2 + 24^2 + 27^0 = 61 + 141 + 172 + 242 + 270 & 886 &:= 9^0 + 13^2 + 20^1 + 20^1 + 26^2 = 90 + 132 + 201 + 201 + 262 \\ 886 &:= 6^1 + 15^0 + 18^2 + 23^2 + 26^1 = 61 + 150 + 182 + 232 + 261 & 886 &:= 9^1 + 11^1 + 17^2 + 24^2 + 27^0 = 91 + 111 + 172 + 242 + 270 \end{aligned}$$

$$886 := 9^1 + 11^2 + 15^0 + 26^1 + 27^2 = 91 + 112 + 150 + 261 + 272$$

$$886 := 9^1 + 13^0 + 15^2 + 25^2 + 26^1 = 91 + 130 + 152 + 252 + 261$$

$$886 := 9^1 + 15^0 + 18^2 + 23^1 + 23^2 = 91 + 150 + 182 + 231 + 232$$

2.2.788 Number 887

$$887 := 1^4 + 14^0 + 29^2 + 44^1 = 14 + 140 + 292 + 441$$

$$887 := 2^4 + 28^0 + 29^1 + 29^2 = 24 + 280 + 291 + 292$$

$$887 := 3^4 + 21^1 + 28^2 + 36^0 = 34 + 211 + 282 + 360$$

$$887 := 4^0 + 5^4 + 14^2 + 65^1 = 40 + 54 + 142 + 651$$

$$887 := 4^4 + 5^1 + 25^2 + 54^0 = 44 + 51 + 252 + 540$$

$$887 := 4^4 + 6^0 + 24^2 + 54^1 = 44 + 60 + 242 + 541$$

$$887 := 5^1 + 5^4 + 16^2 + 62^0 = 51 + 54 + 162 + 620$$

$$887 := 5^3 + 19^2 + 20^2 + 44^0 = 53 + 192 + 202 + 440$$

$$887 := 5^3 + 9^3 + 32^1 + 42^0 = 53 + 93 + 321 + 420$$

$$887 := 5^4 + 15^2 + 32^0 + 36^1 = 54 + 152 + 320 + 361$$

$$887 := 6^2 + 9^3 + 11^2 + 62^0 = 62 + 93 + 112 + 620$$

$$887 := 7^3 + 8^3 + 31^1 + 42^0 = 73 + 83 + 311 + 420$$

$$887 := 1^2 + 17^2 + 20^1 + 24^2 + 26^0 = 12 + 172 + 201 + 242 + 260$$

$$887 := 1^3 + 18^0 + 20^2 + 22^2 + 27^0 = 13 + 180 + 202 + 222 + 270$$

$$887 := 1^3 + 19^0 + 20^2 + 22^2 + 26^0 = 13 + 190 + 202 + 222 + 260$$

$$887 := 1^3 + 20^0 + 20^2 + 22^2 + 25^0 = 13 + 200 + 202 + 222 + 250$$

$$887 := 1^3 + 20^2 + 21^0 + 22^2 + 24^0 = 13 + 202 + 210 + 222 + 240$$

$$887 := 1^3 + 20^2 + 22^0 + 22^2 + 23^0 = 13 + 202 + 220 + 222 + 230$$

$$887 := 10^2 + 12^2 + 17^1 + 24^0 + 25^2 = 102 + 122 + 171 + 240 + 252$$

$$887 := 10^2 + 13^1 + 17^2 + 22^2 + 26^0 = 102 + 131 + 172 + 222 + 260$$

$$887 := 10^2 + 14^0 + 19^2 + 20^2 + 25^1 = 102 + 140 + 192 + 202 + 251$$

$$887 := 10^2 + 14^1 + 14^2 + 24^2 + 26^0 = 102 + 141 + 142 + 242 + 260$$

$$887 := 10^2 + 18^0 + 18^2 + 21^1 + 21^2 = 102 + 180 + 182 + 211 + 212$$

$$887 := 11^1 + 15^2 + 17^2 + 19^2 + 26^0 = 111 + 152 + 172 + 192 + 260$$

$$887 := 11^2 + 11^2 + 19^1 + 22^0 + 25^2 = 112 + 112 + 191 + 220 + 252$$

$$887 := 11^2 + 13^2 + 20^0 + 20^1 + 24^2 = 112 + 132 + 200 + 201 + 242$$

$$887 := 11^2 + 14^0 + 16^2 + 22^2 + 25^1 = 112 + 140 + 162 + 222 + 251$$

$$887 := 12^1 + 12^2 + 17^2 + 21^2 + 26^0 = 121 + 122 + 172 + 212 + 260$$

$$887 := 12^2 + 12^2 + 18^0 + 22^1 + 24^2 = 122 + 122 + 180 + 221 + 242$$

$$887 := 12^2 + 14^2 + 17^1 + 22^0 + 23^2 = 122 + 142 + 171 + 220 + 232$$

$$887 := 12^2 + 18^0 + 19^2 + 19^2 + 20^1 = 122 + 180 + 192 + 192 + 201$$

$$887 := 12^2 + 18^1 + 18^2 + 20^0 + 20^2 = 122 + 181 + 182 + 200 + 202$$

$$887 := 13^1 + 15^2 + 18^2 + 18^2 + 24^0 = 131 + 152 + 182 + 182 + 240$$

$$887 := 13^1 + 16^2 + 16^2 + 19^2 + 24^0 = 131 + 162 + 162 + 192 + 240$$

$$887 := 13^2 + 13^2 + 19^1 + 20^0 + 23^2 = 132 + 132 + 191 + 200 + 232$$

$$887 := 13^2 + 16^2 + 18^0 + 20^1 + 21^2 = 132 + 162 + 180 + 201 + 212$$

$$887 := 14^0 + 14^2 + 15^2 + 21^2 + 24^1 = 140 + 142 + 152 + 212 + 241$$

$$887 := 16^2 + 17^1 + 17^2 + 18^2 + 20^0 = 162 + 171 + 172 + 182 + 200$$

$$887 := 17^2 + 17^2 + 17^2 + 18^0 + 19^1 = 172 + 172 + 172 + 180 + 191$$

$$887 := 3^2 + 11^2 + 20^0 + 27^1 + 27^2 = 32 + 112 + 200 + 271 + 272$$

$$887 := 3^2 + 15^2 + 18^0 + 25^2 + 27^1 = 32 + 152 + 180 + 252 + 271$$

$$887 := 3^2 + 18^2 + 20^0 + 23^2 + 24^1 = 32 + 182 + 200 + 232 + 241$$

$$887 := 4^2 + 11^2 + 20^1 + 26^0 + 27^2 = 42 + 112 + 201 + 260 + 272$$

$$887 := 4^2 + 13^2 + 20^0 + 25^1 + 26^2 = 42 + 132 + 200 + 251 + 262$$

$$887 := 4^2 + 15^2 + 20^1 + 24^0 + 25^2 = 42 + 152 + 201 + 240 + 252$$

$$887 := 4^2 + 17^1 + 18^2 + 23^2 + 26^0 = 42 + 171 + 182 + 232 + 260$$

$$887 := 4^2 + 18^0 + 19^2 + 22^2 + 25^1 = 42 + 180 + 192 + 222 + 251$$

$$887 := 4^3 + 14^2 + 18^0 + 25^2 + 27^0 = 43 + 142 + 180 + 252 + 270$$

$$887 := 4^3 + 14^2 + 19^0 + 25^2 + 26^0 = 43 + 142 + 190 + 252 + 260$$

$$887 := 4^3 + 14^2 + 20^0 + 25^0 + 25^2 = 43 + 142 + 200 + 250 + 252$$

$$887 := 4^3 + 14^2 + 21^0 + 24^0 + 25^2 = 43 + 142 + 210 + 240 + 252$$

$$887 := 4^3 + 14^2 + 22^0 + 23^0 + 25^2 = 43 + 142 + 220 + 230 + 252$$

$$887 := 5^1 + 5^3 + 24^0 + 27^1 + 27^2 = 51 + 53 + 240 + 271 + 272$$

$$887 := 5^2 + 16^1 + 19^2 + 22^2 + 26^0 = 52 + 161 + 192 + 222 + 260$$

$$887 := 5^2 + 20^1 + 20^2 + 21^2 + 22^0 = 52 + 201 + 202 + 212 + 220$$

$$887 := 5^3 + 10^1 + 22^1 + 24^0 + 27^2 = 53 + 101 + 221 + 240 + 272$$

$$887 := 5^3 + 11^1 + 21^1 + 24^0 + 27^2 = 53 + 111 + 211 + 240 + 272$$

$$887 := 5^3 + 12^1 + 20^1 + 24^0 + 27^2 = 53 + 121 + 201 + 240 + 272$$

$$887 := 5^3 + 13^1 + 19^1 + 24^0 + 27^2 = 53 + 131 + 191 + 240 + 272$$

$$887 := 5^3 + 14^1 + 18^1 + 24^0 + 27^2 = 53 + 141 + 181 + 240 + 272$$

$$887 := 5^3 + 15^1 + 17^1 + 24^0 + 27^2 = 53 + 151 + 171 + 240 + 272$$

$$887 := 5^3 + 16^1 + 16^1 + 24^0 + 27^2 = 53 + 161 + 161 + 240 + 272$$

$$887 := 5^3 + 6^1 + 24^0 + 26^1 + 27^2 = 53 + 61 + 240 + 261 + 272$$

$$887 := 5^3 + 7^1 + 24^0 + 25^1 + 27^2 = 53 + 71 + 240 + 251 + 272$$

$$887 := 5^3 + 8^1 + 24^0 + 24^1 + 27^2 = 53 + 81 + 240 + 241 + 272$$

$$887 := 5^3 + 9^1 + 23^1 + 24^0 + 27^2 = 53 + 91 + 231 + 240 + 272$$

$$\begin{aligned}
 887 &:= 6^2 + 10^2 + 21^1 + 24^0 + 27^2 = 62 + 102 + 211 + 240 + 272 \\
 887 &:= 6^2 + 16^2 + 18^1 + 24^0 + 24^2 = 62 + 162 + 181 + 240 + 242 \\
 887 &:= 6^3 + 12^0 + 18^1 + 25^2 + 27^1 = 63 + 120 + 181 + 252 + 271 \\
 887 &:= 6^3 + 12^0 + 19^1 + 25^2 + 26^1 = 63 + 120 + 191 + 252 + 261 \\
 887 &:= 6^3 + 12^0 + 20^1 + 25^1 + 25^2 = 63 + 120 + 201 + 251 + 252 \\
 887 &:= 6^3 + 12^0 + 21^1 + 24^1 + 25^2 = 63 + 120 + 211 + 241 + 252 \\
 887 &:= 6^3 + 12^0 + 22^1 + 23^1 + 25^2 = 63 + 120 + 221 + 231 + 252 \\
 887 &:= 7^2 + 12^2 + 17^1 + 26^0 + 26^2 = 72 + 122 + 171 + 260 + 262 \\
 887 &:= 7^2 + 14^2 + 16^1 + 25^2 + 26^0 = 72 + 142 + 161 + 252 + 260 \\
 887 &:= 7^2 + 17^2 + 19^1 + 22^0 + 23^2 = 72 + 172 + 191 + 220 + 232 \\
 887 &:= 7^2 + 9^2 + 18^0 + 27^1 + 27^2 = 72 + 92 + 180 + 271 + 272
 \end{aligned}$$

$$\begin{aligned}
 887 &:= 8^2 + 11^2 + 18^0 + 25^1 + 26^2 = 82 + 112 + 180 + 251 + 262 \\
 887 &:= 8^2 + 14^1 + 18^2 + 22^2 + 26^0 = 82 + 141 + 182 + 222 + 260 \\
 887 &:= 8^2 + 15^2 + 20^0 + 21^1 + 24^2 = 82 + 152 + 200 + 211 + 242 \\
 887 &:= 8^2 + 18^0 + 20^2 + 20^2 + 22^1 = 82 + 180 + 202 + 202 + 221 \\
 887 &:= 8^2 + 19^2 + 20^0 + 20^1 + 21^2 = 82 + 192 + 200 + 201 + 212 \\
 887 &:= 8^3 + 12^0 + 18^2 + 23^1 + 27^1 = 83 + 120 + 182 + 231 + 271 \\
 887 &:= 8^3 + 12^0 + 18^2 + 24^1 + 26^1 = 83 + 120 + 182 + 241 + 261 \\
 887 &:= 8^3 + 12^0 + 18^2 + 25^1 + 25^1 = 83 + 120 + 182 + 251 + 251 \\
 887 &:= 9^2 + 16^2 + 20^0 + 20^1 + 23^2 = 92 + 162 + 200 + 201 + 232
 \end{aligned}$$

2.2.789 Number 888

$$\begin{aligned}
 888 &:= 1^3 + 20^2 + 21^2 + 46^1 = 13 + 202 + 212 + 461 \\
 888 &:= 1^5 + 13^0 + 29^2 + 45^1 = 15 + 130 + 292 + 451 \\
 888 &:= 2^2 + 7^3 + 22^2 + 57^1 = 22 + 73 + 222 + 571 \\
 888 &:= 2^5 + 14^1 + 29^2 + 43^0 = 25 + 141 + 292 + 430 \\
 888 &:= 3^3 + 5^2 + 28^2 + 52^1 = 33 + 52 + 282 + 521 \\
 888 &:= 3^5 + 19^1 + 25^2 + 41^0 = 35 + 191 + 252 + 410 \\
 888 &:= 4^3 + 10^2 + 26^2 + 48^1 = 43 + 102 + 262 + 481 \\
 888 &:= 5^3 + 6^2 + 26^2 + 51^1 = 53 + 62 + 262 + 511 \\
 888 &:= 5^4 + 6^3 + 31^0 + 46^1 = 54 + 63 + 310 + 461 \\
 888 &:= 6^3 + 15^2 + 20^2 + 47^1 = 63 + 152 + 202 + 471 \\
 888 &:= 8^2 + 8^3 + 16^2 + 56^1 = 82 + 83 + 162 + 561 \\
 888 &:= 1^2 + 19^1 + 20^2 + 21^2 + 27^1 = 12 + 191 + 202 + 212 + 271 \\
 888 &:= 1^2 + 20^1 + 20^2 + 21^2 + 26^1 = 12 + 201 + 202 + 212 + 261 \\
 888 &:= 1^2 + 20^2 + 21^1 + 21^2 + 25^1 = 12 + 202 + 211 + 212 + 251 \\
 888 &:= 1^2 + 20^2 + 21^2 + 22^1 + 24^1 = 12 + 202 + 212 + 221 + 241 \\
 888 &:= 1^2 + 20^2 + 21^2 + 23^1 + 23^1 = 12 + 202 + 212 + 231 + 231 \\
 888 &:= 1^3 + 17^2 + 21^1 + 24^2 + 25^0 = 13 + 172 + 211 + 242 + 250 \\
 888 &:= 10^2 + 11^2 + 15^1 + 25^2 + 27^1 = 102 + 112 + 151 + 252 + 271 \\
 888 &:= 10^2 + 11^2 + 16^1 + 25^2 + 26^1 = 102 + 112 + 161 + 252 + 261 \\
 888 &:= 10^2 + 11^2 + 17^1 + 25^1 + 25^2 = 102 + 112 + 171 + 251 + 252 \\
 888 &:= 10^2 + 11^2 + 18^1 + 24^1 + 25^2 = 102 + 112 + 181 + 241 + 252 \\
 888 &:= 10^2 + 11^2 + 19^1 + 23^1 + 25^2 = 102 + 112 + 191 + 231 + 252 \\
 888 &:= 10^2 + 11^2 + 20^1 + 22^1 + 25^2 = 102 + 112 + 201 + 221 + 252 \\
 888 &:= 10^2 + 11^2 + 21^1 + 21^1 + 25^2 = 102 + 112 + 211 + 211 + 252 \\
 888 &:= 11^1 + 15^2 + 15^2 + 20^2 + 27^1 = 111 + 152 + 152 + 202 + 271
 \end{aligned}$$

$$\begin{aligned}
 888 &:= 12^1 + 13^2 + 14^2 + 22^2 + 27^1 = 121 + 132 + 142 + 222 + 271 \\
 888 &:= 12^1 + 15^2 + 15^2 + 20^2 + 26^1 = 121 + 152 + 152 + 202 + 261 \\
 888 &:= 13^1 + 13^2 + 14^2 + 22^2 + 26^1 = 131 + 132 + 142 + 222 + 261 \\
 888 &:= 13^1 + 15^2 + 15^2 + 20^2 + 25^1 = 131 + 152 + 152 + 202 + 251 \\
 888 &:= 13^2 + 14^1 + 14^2 + 22^2 + 25^1 = 132 + 141 + 142 + 222 + 251 \\
 888 &:= 13^2 + 14^2 + 15^1 + 22^2 + 24^1 = 132 + 142 + 151 + 222 + 241 \\
 888 &:= 13^2 + 14^2 + 16^1 + 22^2 + 23^1 = 132 + 142 + 161 + 222 + 231 \\
 888 &:= 13^2 + 14^2 + 17^1 + 22^1 + 22^2 = 132 + 142 + 171 + 221 + 222 \\
 888 &:= 13^2 + 14^2 + 18^1 + 21^1 + 22^2 = 132 + 142 + 181 + 211 + 222 \\
 888 &:= 13^2 + 14^2 + 19^1 + 20^1 + 22^2 = 132 + 142 + 191 + 201 + 222 \\
 888 &:= 14^1 + 15^2 + 15^2 + 20^2 + 24^1 = 141 + 152 + 152 + 202 + 241 \\
 888 &:= 15^1 + 15^2 + 15^2 + 20^2 + 23^1 = 151 + 152 + 152 + 202 + 231 \\
 888 &:= 15^2 + 15^2 + 16^1 + 20^2 + 22^1 = 152 + 152 + 161 + 202 + 221 \\
 888 &:= 15^2 + 15^2 + 17^1 + 20^2 + 21^1 = 152 + 152 + 171 + 202 + 211 \\
 888 &:= 15^2 + 15^2 + 18^1 + 20^1 + 20^2 = 152 + 152 + 181 + 201 + 202 \\
 888 &:= 15^2 + 15^2 + 19^1 + 19^1 + 20^2 = 152 + 152 + 191 + 191 + 202 \\
 888 &:= 2^3 + 18^2 + 19^0 + 23^2 + 26^1 = 23 + 182 + 190 + 232 + 261 \\
 888 &:= 3^3 + 19^1 + 20^2 + 21^2 + 25^0 = 33 + 191 + 202 + 212 + 250 \\
 888 &:= 3^5 + 15^0 + 18^1 + 25^2 + 27^0 = 35 + 150 + 181 + 252 + 270 \\
 888 &:= 3^5 + 16^0 + 18^1 + 25^2 + 26^0 = 35 + 160 + 181 + 252 + 260 \\
 888 &:= 3^5 + 17^0 + 18^1 + 25^0 + 25^2 = 35 + 170 + 181 + 250 + 252 \\
 888 &:= 3^5 + 18^0 + 18^1 + 24^0 + 25^2 = 35 + 180 + 181 + 240 + 252 \\
 888 &:= 3^5 + 18^1 + 19^0 + 23^0 + 25^2 = 35 + 181 + 190 + 230 + 252 \\
 888 &:= 3^5 + 18^1 + 20^0 + 22^0 + 25^2 = 35 + 181 + 200 + 220 + 252 \\
 888 &:= 3^5 + 18^1 + 21^0 + 21^0 + 25^2 = 35 + 181 + 210 + 210 + 252
 \end{aligned}$$

$$\begin{aligned}
 888 &:= 4^3 + 11^2 + 21^0 + 26^1 + 26^2 = 43 + 112 + 210 + 261 + 262 \\
 888 &:= 4^3 + 15^2 + 22^1 + 23^0 + 24^2 = 43 + 152 + 221 + 230 + 242 \\
 888 &:= 4^3 + 19^2 + 21^1 + 21^2 + 23^0 = 43 + 192 + 211 + 212 + 230 \\
 888 &:= 4^3 + 20^2 + 20^2 + 21^0 + 23^1 = 43 + 202 + 202 + 210 + 231 \\
 888 &:= 5^3 + 16^2 + 22^1 + 22^2 + 23^0 = 53 + 162 + 221 + 222 + 230 \\
 888 &:= 5^3 + 8^2 + 22^1 + 26^2 + 27^0 = 53 + 82 + 221 + 262 + 270 \\
 888 &:= 6^3 + 11^2 + 21^1 + 23^2 + 27^0 = 63 + 112 + 211 + 232 + 270 \\
 888 &:= 6^3 + 17^2 + 19^2 + 21^1 + 25^0 = 63 + 172 + 192 + 211 + 250 \\
 888 &:= 6^3 + 18^2 + 18^2 + 23^0 + 23^1 = 63 + 182 + 182 + 230 + 231
 \end{aligned}$$

$$\begin{aligned}
 888 &:= 7^2 + 8^2 + 19^1 + 27^1 + 27^2 = 72 + 82 + 191 + 271 + 272 \\
 888 &:= 7^2 + 8^2 + 20^1 + 26^1 + 27^2 = 72 + 82 + 201 + 261 + 272 \\
 888 &:= 7^2 + 8^2 + 21^1 + 25^1 + 27^2 = 72 + 82 + 211 + 251 + 272 \\
 888 &:= 7^2 + 8^2 + 22^1 + 24^1 + 27^2 = 72 + 82 + 221 + 241 + 272 \\
 888 &:= 7^2 + 8^2 + 23^1 + 23^1 + 27^2 = 72 + 82 + 231 + 231 + 272 \\
 888 &:= 7^3 + 11^2 + 20^2 + 23^1 + 27^0 = 73 + 112 + 202 + 231 + 270 \\
 888 &:= 7^3 + 14^2 + 18^2 + 24^1 + 25^0 = 73 + 142 + 182 + 241 + 250
 \end{aligned}$$

2.2.790 Number 889

$$\begin{aligned}
 889 &:= 1^6 + 12^0 + 29^2 + 46^1 = 16 + 120 + 292 + 461 \\
 889 &:= 2^4 + 7^3 + 23^2 + 56^0 = 24 + 73 + 232 + 560 \\
 889 &:= 2^6 + 18^0 + 28^2 + 40^1 = 26 + 180 + 282 + 401 \\
 889 &:= 3^6 + 10^2 + 16^0 + 59^1 = 36 + 102 + 160 + 591 \\
 889 &:= 3^6 + 11^2 + 36^0 + 38^1 = 36 + 112 + 360 + 381 \\
 889 &:= 3^6 + 12^2 + 15^1 + 58^0 = 36 + 122 + 151 + 580 \\
 889 &:= 4^4 + 5^4 + 7^1 + 72^0 = 44 + 54 + 71 + 720 \\
 889 &:= 4^4 + 7^3 + 17^2 + 60^0 = 44 + 73 + 172 + 600 \\
 889 &:= 1^4 + 17^2 + 22^1 + 24^0 + 24^2 = 14 + 172 + 221 + 240 + 242
 \end{aligned}$$

$$\begin{aligned}
 889 &:= 2^4 + 11^2 + 22^1 + 26^0 + 27^2 = 24 + 112 + 221 + 260 + 272 \\
 889 &:= 2^4 + 13^2 + 20^0 + 26^2 + 27^1 = 24 + 132 + 200 + 262 + 271 \\
 889 &:= 2^4 + 15^2 + 22^1 + 24^0 + 25^2 = 24 + 152 + 221 + 240 + 252 \\
 889 &:= 2^4 + 18^0 + 19^2 + 22^2 + 27^1 = 24 + 180 + 192 + 222 + 271 \\
 889 &:= 2^4 + 18^2 + 19^1 + 23^2 + 26^0 = 24 + 182 + 191 + 232 + 260 \\
 889 &:= 3^4 + 16^2 + 22^1 + 23^2 + 24^0 = 34 + 162 + 221 + 232 + 240 \\
 889 &:= 4^4 + 11^2 + 22^2 + 24^0 + 27^1 = 44 + 112 + 222 + 240 + 271
 \end{aligned}$$

2.2.791 Number 890

$$\begin{aligned}
 890 &:= 1^3 + 5^4 + 14^2 + 68^1 = 13 + 54 + 142 + 681 \\
 890 &:= 1^7 + 11^0 + 29^2 + 47^1 = 17 + 110 + 292 + 471 \\
 890 &:= 2^7 + 27^0 + 27^2 + 32^1 = 27 + 270 + 272 + 321 \\
 890 &:= 3^5 + 14^2 + 20^2 + 51^1 = 35 + 142 + 202 + 511 \\
 890 &:= 3^5 + 5^4 + 21^1 + 59^0 = 35 + 54 + 211 + 590 \\
 890 &:= 3^5 + 8^2 + 23^2 + 54^1 = 35 + 82 + 232 + 541
 \end{aligned}$$

$$\begin{aligned}
 890 &:= 3^6 + 4^2 + 12^2 + 69^0 = 36 + 42 + 122 + 690 \\
 890 &:= 3^6 + 5^3 + 35^1 + 45^0 = 36 + 53 + 351 + 450 \\
 890 &:= 1^5 + 17^2 + 23^0 + 23^1 + 24^2 = 15 + 172 + 230 + 231 + 242 \\
 890 &:= 2^5 + 16^2 + 21^0 + 24^2 + 25^1 = 25 + 162 + 210 + 242 + 251
 \end{aligned}$$

2.2.792 Number 891

$$\begin{aligned}
 891 &:= 1^8 + 10^0 + 29^2 + 48^1 = 18 + 100 + 292 + 481 \\
 891 &:= 2^0 + 3^4 + 3^6 + 80^1 = 20 + 34 + 36 + 801 \\
 891 &:= 2^7 + 9^3 + 33^1 + 44^0 = 27 + 93 + 331 + 440 \\
 891 &:= 2^8 + 4^0 + 24^2 + 58^1 = 28 + 40 + 242 + 581 \\
 891 &:= 2^8 + 9^1 + 25^2 + 52^0 = 28 + 91 + 252 + 520 \\
 891 &:= 3^6 + 5^3 + 6^2 + 74^0 = 36 + 53 + 62 + 740 \\
 891 &:= 1^6 + 17^2 + 22^0 + 24^1 + 24^2 = 16 + 172 + 220 + 241 + 242
 \end{aligned}$$

$$\begin{aligned}
 891 &:= 2^6 + 15^2 + 22^0 + 24^2 + 25^1 = 26 + 152 + 220 + 242 + 251 \\
 891 &:= 2^6 + 19^2 + 21^2 + 22^0 + 24^1 = 26 + 192 + 212 + 220 + 241 \\
 891 &:= 2^6 + 20^0 + 20^2 + 20^2 + 26^1 = 26 + 200 + 202 + 202 + 261 \\
 891 &:= 2^7 + 10^1 + 23^1 + 26^0 + 27^2 = 27 + 101 + 231 + 260 + 272 \\
 891 &:= 2^7 + 11^1 + 22^1 + 26^0 + 27^2 = 27 + 111 + 221 + 260 + 272 \\
 891 &:= 2^7 + 12^1 + 21^1 + 26^0 + 27^2 = 27 + 121 + 211 + 260 + 272 \\
 891 &:= 2^7 + 13^1 + 20^1 + 26^0 + 27^2 = 27 + 131 + 201 + 260 + 272
 \end{aligned}$$

$$891 := 2^7 + 14^1 + 19^1 + 26^0 + 27^2 = 27 + 141 + 191 + 260 + 272$$

$$891 := 2^7 + 15^1 + 18^1 + 26^0 + 27^2 = 27 + 151 + 181 + 260 + 272$$

$$891 := 2^7 + 16^1 + 17^1 + 26^0 + 27^2 = 27 + 161 + 171 + 260 + 272$$

$$891 := 2^7 + 19^2 + 20^0 + 20^2 + 27^0 = 27 + 192 + 200 + 202 + 270$$

$$891 := 2^7 + 19^2 + 20^2 + 21^0 + 26^0 = 27 + 192 + 202 + 210 + 260$$

$$891 := 2^7 + 19^2 + 20^2 + 22^0 + 25^0 = 27 + 192 + 202 + 220 + 250$$

$$891 := 2^7 + 19^2 + 20^2 + 23^0 + 24^0 = 27 + 192 + 202 + 230 + 240$$

$$891 := 2^7 + 6^1 + 26^0 + 27^1 + 27^2 = 27 + 61 + 260 + 271 + 272$$

$$891 := 2^7 + 7^1 + 26^0 + 26^1 + 27^2 = 27 + 71 + 260 + 261 + 272$$

$$891 := 2^7 + 8^1 + 25^1 + 26^0 + 27^2 = 27 + 81 + 251 + 260 + 272$$

$$891 := 2^7 + 9^1 + 24^1 + 26^0 + 27^2 = 27 + 91 + 241 + 260 + 272$$

$$891 := 2^8 + 8^1 + 25^2 + 26^0 + 27^0 = 28 + 81 + 252 + 260 + 270$$

2.2.793 Number 892

$$892 := 1^1 + 3^4 + 3^6 + 81^1 = 11 + 34 + 36 + 811$$

$$892 := 1^5 + 4^4 + 24^2 + 59^1 = 15 + 44 + 242 + 591$$

$$892 := 1^7 + 19^2 + 22^2 + 46^1 = 17 + 192 + 222 + 461$$

$$892 := 1^8 + 19^2 + 23^2 + 45^0 = 18 + 192 + 232 + 450$$

$$892 := 1^8 + 7^2 + 29^2 + 51^0 = 18 + 72 + 292 + 510$$

$$892 := 1^9 + 9^0 + 29^2 + 49^1 = 19 + 90 + 292 + 491$$

$$892 := 2^1 + 3^4 + 3^6 + 80^1 = 21 + 34 + 36 + 801$$

$$892 := 2^3 + 3^6 + 9^2 + 74^1 = 23 + 36 + 92 + 741$$

$$892 := 2^9 + 13^0 + 18^2 + 55^1 = 29 + 130 + 182 + 551$$

$$892 := 2^9 + 18^1 + 19^2 + 49^0 = 29 + 181 + 192 + 490$$

$$892 := 3^1 + 3^4 + 3^6 + 79^1 = 31 + 34 + 36 + 791$$

$$892 := 3^4 + 3^6 + 10^1 + 72^1 = 34 + 36 + 101 + 721$$

$$892 := 3^4 + 3^6 + 11^1 + 71^1 = 34 + 36 + 111 + 711$$

$$892 := 3^4 + 3^6 + 12^1 + 70^1 = 34 + 36 + 121 + 701$$

$$892 := 3^4 + 3^6 + 13^1 + 69^1 = 34 + 36 + 131 + 691$$

$$892 := 3^4 + 3^6 + 14^1 + 68^1 = 34 + 36 + 141 + 681$$

$$892 := 3^4 + 3^6 + 15^1 + 67^1 = 34 + 36 + 151 + 671$$

$$892 := 3^4 + 3^6 + 16^1 + 66^1 = 34 + 36 + 161 + 661$$

$$892 := 3^4 + 3^6 + 17^1 + 65^1 = 34 + 36 + 171 + 651$$

$$892 := 3^4 + 3^6 + 18^1 + 64^1 = 34 + 36 + 181 + 641$$

$$892 := 3^4 + 3^6 + 19^1 + 63^1 = 34 + 36 + 191 + 631$$

$$892 := 3^4 + 3^6 + 20^1 + 62^1 = 34 + 36 + 201 + 621$$

$$892 := 3^4 + 3^6 + 21^1 + 61^1 = 34 + 36 + 211 + 611$$

$$892 := 3^4 + 3^6 + 22^1 + 60^1 = 34 + 36 + 221 + 601$$

$$892 := 3^4 + 3^6 + 23^1 + 59^1 = 34 + 36 + 231 + 591$$

$$892 := 3^4 + 3^6 + 24^1 + 58^1 = 34 + 36 + 241 + 581$$

$$892 := 3^4 + 3^6 + 25^1 + 57^1 = 34 + 36 + 251 + 571$$

$$892 := 3^4 + 3^6 + 26^1 + 56^1 = 34 + 36 + 261 + 561$$

$$892 := 3^4 + 3^6 + 27^1 + 55^1 = 34 + 36 + 271 + 551$$

$$892 := 3^4 + 3^6 + 28^1 + 54^1 = 34 + 36 + 281 + 541$$

$$892 := 3^4 + 3^6 + 29^1 + 53^1 = 34 + 36 + 291 + 531$$

$$892 := 3^4 + 3^6 + 30^1 + 52^1 = 34 + 36 + 301 + 521$$

$$892 := 3^4 + 3^6 + 31^1 + 51^1 = 34 + 36 + 311 + 511$$

$$892 := 3^4 + 3^6 + 32^1 + 50^1 = 34 + 36 + 321 + 501$$

$$892 := 3^4 + 3^6 + 33^1 + 49^1 = 34 + 36 + 331 + 491$$

$$892 := 3^4 + 3^6 + 34^1 + 48^1 = 34 + 36 + 341 + 481$$

$$892 := 3^4 + 3^6 + 35^1 + 47^1 = 34 + 36 + 351 + 471$$

$$892 := 3^4 + 3^6 + 36^1 + 46^1 = 34 + 36 + 361 + 461$$

$$892 := 3^4 + 3^6 + 37^1 + 45^1 = 34 + 36 + 371 + 451$$

$$892 := 3^4 + 3^6 + 38^1 + 44^1 = 34 + 36 + 381 + 441$$

$$892 := 3^4 + 3^6 + 39^1 + 43^1 = 34 + 36 + 391 + 431$$

$$892 := 3^4 + 3^6 + 4^1 + 78^1 = 34 + 36 + 41 + 781$$

$$892 := 3^4 + 3^6 + 40^1 + 42^1 = 34 + 36 + 401 + 421$$

$$892 := 3^4 + 3^6 + 41^1 + 41^1 = 34 + 36 + 411 + 411$$

$$892 := 3^4 + 3^6 + 5^1 + 77^1 = 34 + 36 + 51 + 771$$

$$892 := 3^4 + 3^6 + 6^1 + 76^1 = 34 + 36 + 61 + 761$$

$$892 := 3^4 + 3^6 + 7^1 + 75^1 = 34 + 36 + 71 + 751$$

$$892 := 3^4 + 3^6 + 8^1 + 74^1 = 34 + 36 + 81 + 741$$

$$892 := 3^4 + 3^6 + 9^1 + 73^1 = 34 + 36 + 91 + 731$$

$$892 := 3^4 + 3^6 + 9^2 + 73^0 = 34 + 36 + 92 + 730$$

$$892 := 3^5 + 4^3 + 8^3 + 73^1 = 35 + 43 + 83 + 731$$

$$892 := 1^6 + 19^1 + 19^2 + 22^2 + 27^1 = 16 + 191 + 192 + 222 + 271$$

$$892 := 1^6 + 19^2 + 20^1 + 22^2 + 26^1 = 16 + 192 + 201 + 222 + 261$$

$$892 := 1^6 + 19^2 + 21^1 + 22^2 + 25^1 = 16 + 192 + 211 + 222 + 251$$

$$892 := 1^6 + 19^2 + 22^1 + 22^2 + 24^1 = 16 + 192 + 221 + 222 + 241$$

$$892 := 1^6 + 19^2 + 22^2 + 23^1 + 23^1 = 16 + 192 + 222 + 231 + 231$$

$$892 := 1^7 + 17^2 + 21^0 + 24^2 + 25^1 = 17 + 172 + 210 + 242 + 251$$

$$892 := 2^7 + 16^2 + 22^2 + 23^1 + 25^0 = 27 + 162 + 222 + 231 + 250$$

$$892 := 2^9 + 17^1 + 19^2 + 23^0 + 27^0 = 29 + 171 + 192 + 230 + 270$$

$$892 := 2^9 + 17^1 + 19^2 + 24^0 + 26^0 = 29 + 171 + 192 + 240 + 260$$

$$892 := 2^9 + 17^1 + 19^2 + 25^0 + 25^0 = 29 + 171 + 192 + 250 + 250$$

2.2.794 Number 893

$$893 := 9^0 + 29^2 + 51^1 = 90 + 292 + 511$$

$$893 := 1^0 + 9^0 + 29^2 + 50^1 = 10 + 90 + 292 + 501$$

$$893 := 2^0 + 8^0 + 29^2 + 50^1 = 20 + 80 + 292 + 501$$

$$893 := 2^8 + 5^4 + 11^1 + 70^0 = 28 + 54 + 111 + 700$$

$$893 := 2^9 + 7^3 + 37^1 + 42^0 = 29 + 73 + 371 + 420$$

$$893 := 3^0 + 7^0 + 29^2 + 50^1 = 30 + 70 + 292 + 501$$

$$893 := 4^0 + 6^0 + 29^2 + 50^1 = 40 + 60 + 292 + 501$$

$$893 := 5^0 + 5^0 + 29^2 + 50^1 = 50 + 50 + 292 + 501$$

$$893 := 9^0 + 29^2 + 51^1 = 90 + 292 + 511$$

$$893 := 1^8 + 17^2 + 20^0 + 24^2 + 26^1 = 18 + 172 + 200 + 242 + 261$$

$$893 := 1^9 + 18^0 + 19^2 + 23^2 + 27^0 = 19 + 180 + 192 + 232 + 270$$

$$893 := 1^9 + 19^0 + 19^2 + 23^2 + 26^0 = 19 + 190 + 192 + 232 + 260$$

$$893 := 1^9 + 19^2 + 20^0 + 23^2 + 25^0 = 19 + 192 + 200 + 232 + 250$$

$$893 := 1^9 + 19^2 + 21^0 + 23^2 + 24^0 = 19 + 192 + 210 + 232 + 240$$

$$893 := 1^9 + 19^2 + 22^0 + 23^0 + 23^2 = 19 + 192 + 220 + 230 + 232$$

$$893 := 2^8 + 13^2 + 21^2 + 26^0 + 26^1 = 28 + 132 + 212 + 260 + 261$$

2.2.795 Number 894

$$894 := 1^1 + 8^0 + 29^2 + 51^1 = 11 + 80 + 292 + 511$$

$$894 := 1^3 + 2^8 + 24^2 + 61^1 = 13 + 28 + 242 + 611$$

$$894 := 1^9 + 13^2 + 26^2 + 48^1 = 19 + 132 + 262 + 481$$

$$894 := 1^9 + 6^3 + 26^2 + 55^0 = 19 + 63 + 262 + 550$$

$$894 := 2^1 + 8^0 + 29^2 + 50^1 = 21 + 80 + 292 + 501$$

$$894 := 2^6 + 3^6 + 10^2 + 73^0 = 26 + 36 + 102 + 730$$

$$894 := 2^7 + 3^6 + 36^1 + 47^0 = 27 + 36 + 361 + 470$$

$$894 := 2^8 + 5^3 + 8^3 + 73^0 = 28 + 53 + 83 + 730$$

$$894 := 2^8 + 6^3 + 19^2 + 61^1 = 28 + 63 + 192 + 611$$

$$894 := 2^9 + 5^3 + 16^2 + 65^0 = 29 + 53 + 162 + 650$$

$$894 := 2^9 + 8^2 + 16^2 + 62^1 = 29 + 82 + 162 + 621$$

$$894 := 3^1 + 8^0 + 29^2 + 49^1 = 31 + 80 + 292 + 491$$

$$894 := 4^1 + 8^0 + 29^2 + 48^1 = 41 + 80 + 292 + 481$$

$$894 := 5^1 + 8^0 + 29^2 + 47^1 = 51 + 80 + 292 + 471$$

$$894 := 6^1 + 8^0 + 29^2 + 46^1 = 61 + 80 + 292 + 461$$

$$894 := 7^1 + 8^0 + 29^2 + 45^1 = 71 + 80 + 292 + 451$$

$$894 := 8^0 + 10^1 + 29^2 + 42^1 = 80 + 101 + 292 + 421$$

$$894 := 8^0 + 11^1 + 29^2 + 41^1 = 80 + 111 + 292 + 411$$

$$894 := 8^0 + 12^1 + 29^2 + 40^1 = 80 + 121 + 292 + 401$$

$$894 := 8^0 + 13^1 + 29^2 + 39^1 = 80 + 131 + 292 + 391$$

$$894 := 8^0 + 14^1 + 29^2 + 38^1 = 80 + 141 + 292 + 381$$

$$894 := 8^0 + 15^1 + 29^2 + 37^1 = 80 + 151 + 292 + 371$$

$$894 := 8^0 + 16^1 + 29^2 + 36^1 = 80 + 161 + 292 + 361$$

$$894 := 8^0 + 17^1 + 29^2 + 35^1 = 80 + 171 + 292 + 351$$

$$894 := 8^0 + 18^1 + 29^2 + 34^1 = 80 + 181 + 292 + 341$$

$$894 := 8^0 + 19^1 + 29^2 + 33^1 = 80 + 191 + 292 + 331$$

$$894 := 8^0 + 20^1 + 29^2 + 32^1 = 80 + 201 + 292 + 321$$

$$894 := 8^0 + 21^1 + 29^2 + 31^1 = 80 + 211 + 292 + 311$$

$$894 := 8^0 + 22^1 + 29^2 + 30^1 = 80 + 221 + 292 + 301$$

$$894 := 8^0 + 23^1 + 29^1 + 29^2 = 80 + 231 + 291 + 292$$

$$894 := 8^0 + 24^1 + 28^1 + 29^2 = 80 + 241 + 281 + 292$$

$$894 := 8^0 + 25^1 + 27^1 + 29^2 = 80 + 251 + 271 + 292$$

$$894 := 8^0 + 26^1 + 26^1 + 29^2 = 80 + 261 + 261 + 292$$

$$894 := 8^0 + 8^1 + 29^2 + 44^1 = 80 + 81 + 292 + 441$$

$$894 := 8^0 + 9^1 + 29^2 + 43^1 = 80 + 91 + 292 + 431$$

$$894 := 1^8 + 13^2 + 21^1 + 26^2 + 27^1 = 18 + 132 + 211 + 262 + 271$$

$$894 := 1^8 + 13^2 + 22^1 + 26^1 + 26^2 = 18 + 132 + 221 + 261 + 262$$

$$894 := 1^8 + 13^2 + 23^1 + 25^1 + 26^2 = 18 + 132 + 231 + 251 + 262$$

$$894 := 1^8 + 13^2 + 24^1 + 24^1 + 26^2 = 18 + 132 + 241 + 241 + 262$$

$$894 := 1^9 + 14^2 + 20^1 + 26^2 + 27^0 = 19 + 142 + 201 + 262 + 270$$

$$894 := 1^9 + 17^2 + 19^0 + 24^2 + 27^1 = 19 + 172 + 190 + 242 + 271$$

$$894 := 2^8 + 10^2 + 22^2 + 27^1 + 27^1 = 28 + 102 + 222 + 271 + 271$$

$$894 := 2^8 + 12^2 + 21^2 + 26^1 + 27^1 = 28 + 122 + 212 + 261 + 271$$

$$894 := 2^8 + 15^2 + 19^2 + 25^1 + 27^1 = 28 + 152 + 192 + 251 + 271$$

$$894 := 2^8 + 15^2 + 19^2 + 26^1 + 26^1 = 28 + 152 + 192 + 261 + 261$$

2.2.796 Number 895

$895 := 13^2 + 26^2 + 50^1$	$= 132 + 262 + 501$	$895 := 11^1 + 16^0 + 20^0 + 21^2 + 21^2 = 111 + 160 + 200 + 212 + 212$
$895 := 1^0 + 13^2 + 26^2 + 49^1$	$= 10 + 132 + 262 + 491$	$895 := 11^1 + 17^0 + 19^0 + 21^2 + 21^2 = 111 + 170 + 190 + 212 + 212$
$895 := 1^2 + 7^0 + 29^2 + 52^1$	$= 12 + 70 + 292 + 521$	$895 := 11^1 + 18^0 + 18^0 + 21^2 + 21^2 = 111 + 180 + 180 + 212 + 212$
$895 := 10^1 + 10^2 + 28^2 + 41^0$	$= 101 + 102 + 282 + 410$	$895 := 12^0 + 12^1 + 16^2 + 24^0 + 25^2 = 120 + 121 + 162 + 240 + 252$
$895 := 10^1 + 20^2 + 22^2 + 37^0$	$= 101 + 202 + 222 + 370$	$895 := 12^0 + 12^2 + 18^0 + 20^1 + 27^2 = 120 + 122 + 180 + 201 + 272$
$895 := 12^1 + 21^2 + 21^2 + 35^0$	$= 121 + 212 + 212 + 350$	$895 := 12^0 + 14^2 + 16^0 + 21^1 + 26^2 = 120 + 142 + 160 + 211 + 262$
$895 := 12^2 + 21^1 + 27^2 + 29^0$	$= 122 + 211 + 272 + 290$	$895 := 12^1 + 13^0 + 16^2 + 23^0 + 25^2 = 121 + 130 + 162 + 230 + 252$
$895 := 13^1 + 16^2 + 25^2 + 35^0$	$= 131 + 162 + 252 + 350$	$895 := 12^1 + 14^0 + 16^2 + 22^0 + 25^2 = 121 + 140 + 162 + 220 + 252$
$895 := 13^2 + 26^2 + 50^1$	$= 132 + 262 + 501$	$895 := 12^1 + 15^0 + 16^2 + 21^0 + 25^2 = 121 + 150 + 162 + 210 + 252$
$895 := 14^2 + 22^1 + 26^2 + 27^0$	$= 142 + 221 + 262 + 270$	$895 := 12^1 + 16^0 + 16^2 + 20^0 + 25^2 = 121 + 160 + 162 + 200 + 252$
$895 := 17^2 + 19^0 + 24^2 + 29^1$	$= 172 + 190 + 242 + 291$	$895 := 12^1 + 16^2 + 17^0 + 19^0 + 25^2 = 121 + 162 + 170 + 190 + 252$
$895 := 2^2 + 9^0 + 29^2 + 49^1$	$= 22 + 90 + 292 + 491$	$895 := 12^1 + 16^2 + 18^0 + 18^0 + 25^2 = 121 + 162 + 180 + 180 + 252$
$895 := 3^2 + 13^0 + 29^2 + 44^1$	$= 32 + 130 + 292 + 441$	$895 := 12^2 + 13^0 + 17^0 + 20^1 + 27^2 = 122 + 130 + 170 + 201 + 272$
$895 := 4^1 + 19^2 + 23^2 + 43^0$	$= 41 + 192 + 232 + 430$	$895 := 12^2 + 14^0 + 16^0 + 20^1 + 27^2 = 122 + 140 + 160 + 201 + 272$
$895 := 4^1 + 7^2 + 29^2 + 49^0$	$= 41 + 72 + 292 + 490$	$895 := 12^2 + 15^0 + 15^0 + 20^1 + 27^2 = 122 + 150 + 150 + 201 + 272$
$895 := 4^2 + 19^0 + 29^2 + 37^1$	$= 42 + 190 + 292 + 371$	$895 := 13^0 + 14^2 + 15^0 + 21^1 + 26^2 = 130 + 142 + 150 + 211 + 262$
$895 := 5^0 + 15^2 + 25^2 + 44^1$	$= 50 + 152 + 252 + 441$	$895 := 14^0 + 14^0 + 14^2 + 21^1 + 26^2 = 140 + 140 + 142 + 211 + 262$
$895 := 5^2 + 27^0 + 28^1 + 29^2$	$= 52 + 270 + 281 + 292$	$895 := 2^0 + 14^2 + 21^1 + 26^0 + 26^2 = 20 + 142 + 211 + 260 + 262$
$895 := 6^2 + 17^1 + 29^2 + 37^0$	$= 62 + 171 + 292 + 370$	$895 := 3^0 + 12^2 + 20^1 + 27^0 + 27^2 = 30 + 122 + 201 + 270 + 272$
$895 := 7^0 + 11^2 + 27^2 + 44^1$	$= 70 + 112 + 272 + 441$	$895 := 3^0 + 14^2 + 21^1 + 25^0 + 26^2 = 30 + 142 + 211 + 250 + 262$
$895 := 7^0 + 18^2 + 23^2 + 41^1$	$= 70 + 182 + 232 + 411$	$895 := 3^0 + 6^3 + 26^2 + 27^0 + 27^0 = 30 + 63 + 262 + 270 + 270$
$895 := 7^0 + 8^2 + 28^2 + 46^1$	$= 70 + 82 + 282 + 461$	$895 := 3^1 + 17^0 + 19^2 + 23^2 + 27^0 = 31 + 170 + 192 + 232 + 270$
$895 := 9^2 + 23^0 + 28^2 + 29^1$	$= 92 + 230 + 282 + 291$	$895 := 3^1 + 18^0 + 19^2 + 23^2 + 26^0 = 31 + 180 + 192 + 232 + 260$
$895 := 1^0 + 14^2 + 21^1 + 26^2 + 27^0 = 10 + 142 + 211 + 262 + 270$		$895 := 3^1 + 19^0 + 19^2 + 23^2 + 25^0 = 31 + 190 + 192 + 232 + 250$
$895 := 10^0 + 11^1 + 21^2 + 21^2 + 26^0 = 100 + 111 + 212 + 212 + 260$		$895 := 3^1 + 19^2 + 20^0 + 23^2 + 24^0 = 31 + 192 + 200 + 232 + 240$
$895 := 10^0 + 12^1 + 16^2 + 25^2 + 26^0 = 100 + 121 + 162 + 252 + 260$		$895 := 3^1 + 19^2 + 21^0 + 23^0 + 23^2 = 31 + 192 + 210 + 230 + 232$
$895 := 10^0 + 12^2 + 20^0 + 20^1 + 27^2 = 100 + 122 + 200 + 201 + 272$		$895 := 3^1 + 19^2 + 22^0 + 22^0 + 23^2 = 31 + 192 + 220 + 220 + 232$
$895 := 10^0 + 14^2 + 18^0 + 21^1 + 26^2 = 100 + 142 + 180 + 211 + 262$		$895 := 4^0 + 12^2 + 20^1 + 26^0 + 27^2 = 40 + 122 + 201 + 260 + 272$
$895 := 11^0 + 11^1 + 21^2 + 21^2 + 25^0 = 110 + 111 + 212 + 212 + 250$		$895 := 4^0 + 14^2 + 21^1 + 24^0 + 26^2 = 40 + 142 + 211 + 240 + 262$
$895 := 11^0 + 12^1 + 16^2 + 25^0 + 25^2 = 110 + 121 + 162 + 250 + 252$		$895 := 4^0 + 6^3 + 26^0 + 26^2 + 27^0 = 40 + 63 + 260 + 262 + 270$
$895 := 11^0 + 12^2 + 19^0 + 20^1 + 27^2 = 110 + 122 + 190 + 201 + 272$		$895 := 5^0 + 12^2 + 20^1 + 25^0 + 27^2 = 50 + 122 + 201 + 250 + 272$
$895 := 11^0 + 14^2 + 17^0 + 21^1 + 26^2 = 110 + 142 + 170 + 211 + 262$		$895 := 5^0 + 14^2 + 21^1 + 23^0 + 26^2 = 50 + 142 + 211 + 230 + 262$
$895 := 11^1 + 12^0 + 21^2 + 21^2 + 24^0 = 111 + 120 + 212 + 212 + 240$		$895 := 5^0 + 6^3 + 25^0 + 26^2 + 27^0 = 50 + 63 + 250 + 262 + 270$
$895 := 11^1 + 13^0 + 21^2 + 21^2 + 23^0 = 111 + 130 + 212 + 212 + 230$		$895 := 5^0 + 6^3 + 26^0 + 26^0 + 26^2 = 50 + 63 + 260 + 260 + 262$
$895 := 11^1 + 14^0 + 21^2 + 21^2 + 22^0 = 111 + 140 + 212 + 212 + 220$		$895 := 6^0 + 12^2 + 20^1 + 24^0 + 27^2 = 60 + 122 + 201 + 240 + 272$
$895 := 11^1 + 15^0 + 21^0 + 21^2 + 21^2 = 111 + 150 + 210 + 212 + 212$		$895 := 6^0 + 14^2 + 21^1 + 22^0 + 26^2 = 60 + 142 + 211 + 220 + 262$

$$\begin{aligned} 895 &:= 6^0 + 6^3 + 24^0 + 26^2 + 27^0 = 60 + 63 + 240 + 262 + 270 & 895 &:= 6^3 + 16^0 + 19^0 + 22^0 + 26^2 = 63 + 160 + 190 + 220 + 262 \\ 895 &:= 6^0 + 6^3 + 25^0 + 26^0 + 26^2 = 60 + 63 + 250 + 260 + 262 & 895 &:= 6^3 + 16^0 + 20^0 + 21^0 + 26^2 = 63 + 160 + 200 + 210 + 262 \\ 895 &:= 6^3 + 10^0 + 20^0 + 26^2 + 27^0 = 63 + 100 + 200 + 262 + 270 & 895 &:= 6^3 + 17^0 + 17^0 + 23^0 + 26^2 = 63 + 170 + 170 + 230 + 262 \\ 895 &:= 6^3 + 10^0 + 21^0 + 26^0 + 26^2 = 63 + 100 + 210 + 260 + 262 & 895 &:= 6^3 + 17^0 + 18^0 + 22^0 + 26^2 = 63 + 170 + 180 + 220 + 262 \\ 895 &:= 6^3 + 10^0 + 22^0 + 25^0 + 26^2 = 63 + 100 + 220 + 250 + 262 & 895 &:= 6^3 + 17^0 + 19^0 + 21^0 + 26^2 = 63 + 170 + 190 + 210 + 262 \\ 895 &:= 6^3 + 10^0 + 23^0 + 24^0 + 26^2 = 63 + 100 + 230 + 240 + 262 & 895 &:= 6^3 + 17^0 + 20^0 + 20^0 + 26^2 = 63 + 170 + 200 + 200 + 262 \\ 895 &:= 6^3 + 11^0 + 19^0 + 26^2 + 27^0 = 63 + 110 + 190 + 262 + 270 & 895 &:= 6^3 + 18^0 + 18^0 + 21^0 + 26^2 = 63 + 180 + 180 + 210 + 262 \\ 895 &:= 6^3 + 11^0 + 20^0 + 26^0 + 26^2 = 63 + 110 + 200 + 260 + 262 & 895 &:= 6^3 + 18^0 + 19^0 + 20^0 + 26^2 = 63 + 180 + 190 + 200 + 262 \\ 895 &:= 6^3 + 11^0 + 21^0 + 25^0 + 26^2 = 63 + 110 + 210 + 250 + 262 & 895 &:= 6^3 + 19^0 + 19^0 + 19^0 + 26^2 = 63 + 190 + 190 + 190 + 262 \\ 895 &:= 6^3 + 11^0 + 22^0 + 24^0 + 26^2 = 63 + 110 + 220 + 240 + 262 & 895 &:= 6^3 + 7^0 + 23^0 + 26^2 + 27^0 = 63 + 70 + 230 + 262 + 270 \\ 895 &:= 6^3 + 11^0 + 23^0 + 23^0 + 26^2 = 63 + 110 + 230 + 230 + 262 & 895 &:= 6^3 + 7^0 + 24^0 + 26^0 + 26^2 = 63 + 70 + 240 + 260 + 262 \\ 895 &:= 6^3 + 12^0 + 18^0 + 26^2 + 27^0 = 63 + 120 + 180 + 262 + 270 & 895 &:= 6^3 + 7^0 + 25^0 + 25^0 + 26^2 = 63 + 70 + 250 + 250 + 262 \\ 895 &:= 6^3 + 12^0 + 19^0 + 26^0 + 26^2 = 63 + 120 + 190 + 260 + 262 & 895 &:= 6^3 + 8^0 + 22^0 + 26^2 + 27^0 = 63 + 80 + 220 + 262 + 270 \\ 895 &:= 6^3 + 12^0 + 20^0 + 25^0 + 26^2 = 63 + 120 + 200 + 250 + 262 & 895 &:= 6^3 + 8^0 + 23^0 + 26^0 + 26^2 = 63 + 80 + 230 + 260 + 262 \\ 895 &:= 6^3 + 12^0 + 21^0 + 24^0 + 26^2 = 63 + 120 + 210 + 240 + 262 & 895 &:= 6^3 + 8^0 + 24^0 + 25^0 + 26^2 = 63 + 80 + 240 + 250 + 262 \\ 895 &:= 6^3 + 12^0 + 22^0 + 23^0 + 26^2 = 63 + 120 + 220 + 230 + 262 & 895 &:= 6^3 + 9^0 + 21^0 + 26^2 + 27^0 = 63 + 90 + 210 + 262 + 270 \\ 895 &:= 6^3 + 13^0 + 17^0 + 26^2 + 27^0 = 63 + 130 + 170 + 262 + 270 & 895 &:= 6^3 + 9^0 + 22^0 + 26^0 + 26^2 = 63 + 90 + 220 + 260 + 262 \\ 895 &:= 6^3 + 13^0 + 18^0 + 26^0 + 26^2 = 63 + 130 + 180 + 260 + 262 & 895 &:= 6^3 + 9^0 + 23^0 + 25^0 + 26^2 = 63 + 90 + 230 + 250 + 262 \\ 895 &:= 6^3 + 13^0 + 19^0 + 25^0 + 26^2 = 63 + 130 + 190 + 250 + 262 & 895 &:= 6^3 + 9^0 + 24^0 + 24^0 + 26^2 = 63 + 90 + 240 + 240 + 262 \\ 895 &:= 6^3 + 13^0 + 20^0 + 24^0 + 26^2 = 63 + 130 + 200 + 240 + 262 & 895 &:= 7^0 + 12^2 + 20^1 + 23^0 + 27^2 = 70 + 122 + 201 + 230 + 272 \\ 895 &:= 6^3 + 13^0 + 21^0 + 23^0 + 26^2 = 63 + 130 + 210 + 230 + 262 & 895 &:= 7^0 + 14^2 + 21^0 + 21^1 + 26^2 = 70 + 142 + 210 + 211 + 262 \\ 895 &:= 6^3 + 13^0 + 22^0 + 22^0 + 26^2 = 63 + 130 + 220 + 220 + 262 & 895 &:= 8^0 + 12^2 + 20^1 + 22^0 + 27^2 = 80 + 122 + 201 + 220 + 272 \\ 895 &:= 6^3 + 14^0 + 16^0 + 26^2 + 27^0 = 63 + 140 + 160 + 262 + 270 & 895 &:= 8^0 + 14^2 + 20^0 + 21^1 + 26^2 = 80 + 142 + 200 + 211 + 262 \\ 895 &:= 6^3 + 14^0 + 17^0 + 26^0 + 26^2 = 63 + 140 + 170 + 260 + 262 & 895 &:= 9^0 + 11^1 + 21^2 + 21^2 + 27^0 = 90 + 111 + 212 + 212 + 270 \\ 895 &:= 6^3 + 14^0 + 18^0 + 25^0 + 26^2 = 63 + 140 + 180 + 250 + 262 & 895 &:= 9^0 + 12^1 + 16^2 + 25^2 + 27^0 = 90 + 121 + 162 + 252 + 270 \\ 895 &:= 6^3 + 14^0 + 19^0 + 24^0 + 26^2 = 63 + 140 + 190 + 240 + 262 & 895 &:= 9^0 + 12^2 + 20^1 + 21^0 + 27^2 = 90 + 122 + 201 + 210 + 272 \\ 895 &:= 6^3 + 14^0 + 20^0 + 23^0 + 26^2 = 63 + 140 + 200 + 230 + 262 & 895 &:= 9^0 + 14^2 + 19^0 + 21^1 + 26^2 = 90 + 142 + 190 + 211 + 262 \\ 895 &:= 6^3 + 14^0 + 21^0 + 22^0 + 26^2 = 63 + 140 + 210 + 220 + 262 & 895 &:= 9^1 + 11^0 + 20^2 + 22^2 + 27^0 = 91 + 110 + 202 + 222 + 270 \\ 895 &:= 6^3 + 15^0 + 15^0 + 26^2 + 27^0 = 63 + 150 + 150 + 262 + 270 & 895 &:= 9^1 + 12^0 + 20^2 + 22^2 + 26^0 = 91 + 120 + 202 + 222 + 260 \\ 895 &:= 6^3 + 15^0 + 16^0 + 26^0 + 26^2 = 63 + 150 + 160 + 260 + 262 & 895 &:= 9^1 + 13^0 + 20^2 + 22^2 + 25^0 = 91 + 130 + 202 + 222 + 250 \\ 895 &:= 6^3 + 15^0 + 17^0 + 25^0 + 26^2 = 63 + 150 + 170 + 250 + 262 & 895 &:= 9^1 + 14^0 + 20^2 + 22^2 + 24^0 = 91 + 140 + 202 + 222 + 240 \\ 895 &:= 6^3 + 15^0 + 18^0 + 24^0 + 26^2 = 63 + 150 + 180 + 240 + 262 & 895 &:= 9^1 + 15^0 + 20^2 + 22^2 + 23^0 = 91 + 150 + 202 + 222 + 230 \\ 895 &:= 6^3 + 15^0 + 19^0 + 23^0 + 26^2 = 63 + 150 + 190 + 230 + 262 & 895 &:= 9^1 + 16^0 + 20^2 + 22^0 + 22^2 = 91 + 160 + 202 + 220 + 222 \\ 895 &:= 6^3 + 15^0 + 20^0 + 22^0 + 26^2 = 63 + 150 + 200 + 220 + 262 & 895 &:= 9^1 + 17^0 + 20^2 + 21^0 + 22^2 = 91 + 170 + 202 + 210 + 222 \\ 895 &:= 6^3 + 15^0 + 21^0 + 21^0 + 26^2 = 63 + 150 + 210 + 210 + 262 & 895 &:= 9^1 + 18^0 + 20^0 + 20^2 + 22^2 = 91 + 180 + 200 + 202 + 222 \\ 895 &:= 6^3 + 16^0 + 16^0 + 25^0 + 26^2 = 63 + 160 + 160 + 250 + 262 & 895 &:= 9^1 + 19^0 + 19^0 + 20^2 + 22^2 = 91 + 190 + 190 + 202 + 222 \\ 895 &:= 6^3 + 16^0 + 17^0 + 24^0 + 26^2 = 63 + 160 + 170 + 240 + 262 \\ 895 &:= 6^3 + 16^0 + 18^0 + 23^0 + 26^2 = 63 + 160 + 180 + 230 + 262 \end{aligned}$$

2.2.797 Number 896

$896 := 1^3 + 6^0 + 29^2 + 53^1$	$= 13 + 60 + 292 + 531$	$896 := 13^1 + 17^1 + 17^2 + 18^0 + 24^2 = 131 + 171 + 172 + 180 + 242$
$896 := 2^3 + 12^0 + 29^2 + 46^1$	$= 23 + 120 + 292 + 461$	$896 := 13^2 + 14^0 + 14^2 + 23^2 + 25^0 = 132 + 140 + 142 + 232 + 250$
$896 := 3^1 + 6^3 + 26^2 + 54^0$	$= 31 + 63 + 262 + 540$	$896 := 13^2 + 14^2 + 15^0 + 23^2 + 24^0 = 132 + 142 + 150 + 232 + 240$
$896 := 3^3 + 27^1 + 29^2 + 30^0$	$= 33 + 271 + 292 + 300$	$896 := 13^2 + 14^2 + 16^0 + 23^0 + 23^2 = 132 + 142 + 160 + 230 + 232$
$896 := 4^0 + 6^3 + 25^2 + 54^1$	$= 40 + 63 + 252 + 541$	$896 := 13^2 + 14^2 + 17^0 + 22^0 + 23^2 = 132 + 142 + 170 + 220 + 232$
$896 := 4^0 + 8^3 + 18^2 + 59^1$	$= 40 + 83 + 182 + 591$	$896 := 13^2 + 14^2 + 18^0 + 21^0 + 23^2 = 132 + 142 + 180 + 210 + 232$
$896 := 4^0 + 9^3 + 10^2 + 66^1$	$= 40 + 93 + 102 + 661$	$896 := 13^2 + 14^2 + 19^0 + 20^0 + 23^2 = 132 + 142 + 190 + 200 + 232$
$896 := 4^3 + 10^0 + 28^2 + 47^1$	$= 43 + 100 + 282 + 471$	$896 := 14^1 + 16^1 + 17^2 + 18^0 + 24^2 = 141 + 161 + 172 + 180 + 242$
$896 := 5^3 + 16^0 + 27^2 + 41^1$	$= 53 + 160 + 272 + 411$	$896 := 15^1 + 15^1 + 17^2 + 18^0 + 24^2 = 151 + 151 + 172 + 180 + 242$
$896 := 7^3 + 23^1 + 23^2 + 36^0$	$= 73 + 231 + 232 + 360$	$896 := 2^1 + 14^2 + 21^1 + 26^0 + 26^2 = 21 + 142 + 211 + 260 + 262$
$896 := 8^3 + 19^2 + 22^1 + 40^0$	$= 83 + 192 + 221 + 400$	$896 := 2^2 + 18^0 + 19^2 + 23^2 + 27^0 = 22 + 180 + 192 + 232 + 270$
$896 := 9^3 + 11^2 + 24^0 + 45^1$	$= 93 + 112 + 240 + 451$	$896 := 2^2 + 19^0 + 19^2 + 23^2 + 26^0 = 22 + 190 + 192 + 232 + 260$
$896 := 9^3 + 12^2 + 22^1 + 46^0$	$= 93 + 122 + 221 + 460$	$896 := 2^2 + 19^2 + 20^0 + 23^2 + 25^0 = 22 + 192 + 200 + 232 + 250$
$896 := 1^1 + 14^2 + 22^1 + 26^0 + 26^2 = 11 + 142 + 221 + 260 + 262$		$896 := 2^2 + 19^2 + 21^0 + 23^2 + 24^0 = 22 + 192 + 210 + 232 + 240$
$896 := 10^1 + 13^1 + 14^2 + 26^0 + 26^2 = 101 + 131 + 142 + 260 + 262$		$896 := 2^2 + 19^2 + 22^0 + 23^0 + 23^2 = 22 + 192 + 220 + 230 + 232$
$896 := 10^1 + 17^2 + 18^0 + 20^1 + 24^2 = 101 + 172 + 180 + 201 + 242$		$896 := 3^1 + 14^2 + 20^1 + 26^0 + 26^2 = 31 + 142 + 201 + 260 + 262$
$896 := 10^2 + 13^2 + 14^0 + 25^2 + 27^0 = 102 + 132 + 140 + 252 + 270$		$896 := 3^1 + 17^2 + 18^0 + 24^2 + 27^1 = 31 + 172 + 180 + 242 + 271$
$896 := 10^2 + 13^2 + 15^0 + 25^2 + 26^0 = 102 + 132 + 150 + 252 + 260$		$896 := 4^0 + 15^2 + 18^1 + 25^2 + 27^1 = 40 + 152 + 181 + 252 + 271$
$896 := 10^2 + 13^2 + 16^0 + 25^0 + 25^2 = 102 + 132 + 160 + 250 + 252$		$896 := 4^0 + 15^2 + 19^1 + 25^2 + 26^1 = 40 + 152 + 191 + 252 + 261$
$896 := 10^2 + 13^2 + 17^0 + 24^0 + 25^2 = 102 + 132 + 170 + 240 + 252$		$896 := 4^0 + 15^2 + 20^1 + 25^1 + 25^2 = 40 + 152 + 201 + 251 + 252$
$896 := 10^2 + 13^2 + 18^0 + 23^0 + 25^2 = 102 + 132 + 180 + 230 + 252$		$896 := 4^0 + 15^2 + 21^1 + 24^1 + 25^2 = 40 + 152 + 211 + 241 + 252$
$896 := 10^2 + 13^2 + 19^0 + 22^0 + 25^2 = 102 + 132 + 190 + 220 + 252$		$896 := 4^0 + 15^2 + 22^1 + 23^1 + 25^2 = 40 + 152 + 221 + 231 + 252$
$896 := 10^2 + 13^2 + 20^0 + 21^0 + 25^2 = 102 + 132 + 200 + 210 + 252$		$896 := 4^1 + 14^2 + 19^1 + 26^0 + 26^2 = 41 + 142 + 191 + 260 + 262$
$896 := 11^1 + 12^1 + 14^2 + 26^0 + 26^2 = 111 + 121 + 142 + 260 + 262$		$896 := 4^1 + 17^2 + 18^0 + 24^2 + 26^1 = 41 + 172 + 180 + 242 + 261$
$896 := 11^1 + 17^2 + 18^0 + 19^1 + 24^2 = 111 + 172 + 180 + 191 + 242$		$896 := 5^1 + 14^2 + 18^1 + 26^0 + 26^2 = 51 + 142 + 181 + 260 + 262$
$896 := 11^2 + 12^0 + 17^2 + 22^2 + 27^0 = 112 + 120 + 172 + 222 + 270$		$896 := 5^1 + 17^2 + 18^0 + 24^2 + 25^1 = 51 + 172 + 180 + 242 + 251$
$896 := 11^2 + 13^0 + 17^2 + 22^2 + 26^0 = 112 + 130 + 172 + 222 + 260$		$896 := 6^0 + 11^2 + 18^1 + 27^1 + 27^2 = 60 + 112 + 181 + 271 + 272$
$896 := 11^2 + 14^0 + 17^2 + 22^2 + 25^0 = 112 + 140 + 172 + 222 + 250$		$896 := 6^0 + 11^2 + 19^1 + 26^1 + 27^2 = 60 + 112 + 191 + 261 + 272$
$896 := 11^2 + 15^0 + 17^2 + 22^2 + 24^0 = 112 + 150 + 172 + 222 + 240$		$896 := 6^0 + 11^2 + 20^1 + 25^1 + 27^2 = 60 + 112 + 201 + 251 + 272$
$896 := 11^2 + 16^0 + 17^2 + 22^2 + 23^0 = 112 + 160 + 172 + 222 + 230$		$896 := 6^0 + 11^2 + 21^1 + 24^1 + 27^2 = 60 + 112 + 211 + 241 + 272$
$896 := 11^2 + 17^0 + 17^2 + 22^0 + 22^2 = 112 + 170 + 172 + 220 + 222$		$896 := 6^0 + 11^2 + 22^1 + 23^1 + 27^2 = 60 + 112 + 221 + 231 + 272$
$896 := 11^2 + 17^2 + 18^0 + 21^0 + 22^2 = 112 + 172 + 180 + 210 + 222$		$896 := 6^0 + 15^1 + 18^2 + 23^2 + 27^1 = 60 + 151 + 182 + 232 + 271$
$896 := 11^2 + 17^2 + 19^0 + 20^0 + 22^2 = 112 + 172 + 190 + 200 + 222$		$896 := 6^0 + 16^1 + 18^2 + 23^2 + 26^1 = 60 + 161 + 182 + 232 + 261$
$896 := 12^0 + 13^2 + 14^2 + 23^2 + 27^0 = 120 + 132 + 142 + 232 + 270$		$896 := 6^0 + 17^1 + 18^2 + 23^2 + 25^1 = 60 + 171 + 182 + 232 + 251$
$896 := 12^1 + 17^2 + 18^0 + 18^1 + 24^2 = 121 + 172 + 180 + 181 + 242$		$896 := 6^0 + 18^1 + 18^2 + 23^2 + 24^1 = 60 + 181 + 182 + 232 + 241$
$896 := 13^0 + 13^2 + 14^2 + 23^2 + 26^0 = 130 + 132 + 142 + 232 + 260$		$896 := 6^0 + 18^2 + 19^1 + 23^1 + 23^2 = 60 + 182 + 191 + 231 + 232$

$$\begin{aligned}
 896 &:= 6^0 + 18^2 + 20^1 + 22^1 + 23^2 = 60 + 182 + 201 + 221 + 232 \\
 896 &:= 6^0 + 18^2 + 21^1 + 21^1 + 23^2 = 60 + 182 + 211 + 211 + 232 \\
 896 &:= 6^1 + 14^2 + 17^1 + 26^0 + 26^2 = 61 + 142 + 171 + 260 + 262 \\
 896 &:= 6^1 + 17^2 + 18^0 + 24^1 + 24^2 = 61 + 172 + 180 + 241 + 242 \\
 896 &:= 7^1 + 14^2 + 16^1 + 26^0 + 26^2 = 71 + 142 + 161 + 260 + 262 \\
 896 &:= 7^1 + 17^2 + 18^0 + 23^1 + 24^2 = 71 + 172 + 180 + 231 + 242 \\
 896 &:= 7^2 + 13^2 + 16^0 + 26^2 + 27^0 = 72 + 132 + 160 + 262 + 270 \\
 896 &:= 7^2 + 13^2 + 17^0 + 26^0 + 26^2 = 72 + 132 + 170 + 260 + 262 \\
 896 &:= 7^2 + 13^2 + 18^0 + 25^0 + 26^2 = 72 + 132 + 180 + 250 + 262 \\
 896 &:= 7^2 + 13^2 + 19^0 + 24^0 + 26^2 = 72 + 132 + 190 + 240 + 262 \\
 896 &:= 7^2 + 13^2 + 20^0 + 23^0 + 26^2 = 72 + 132 + 200 + 230 + 262 \\
 896 &:= 7^2 + 13^2 + 21^0 + 22^0 + 26^2 = 72 + 132 + 210 + 220 + 262 \\
 896 &:= 7^2 + 14^0 + 19^2 + 22^2 + 27^0 = 72 + 140 + 192 + 222 + 270 \\
 896 &:= 7^2 + 15^0 + 19^2 + 22^2 + 26^0 = 72 + 150 + 192 + 222 + 260 \\
 896 &:= 7^2 + 16^0 + 19^2 + 22^2 + 25^0 = 72 + 160 + 192 + 222 + 250 \\
 896 &:= 7^2 + 17^0 + 19^2 + 22^2 + 24^0 = 72 + 170 + 192 + 222 + 240 \\
 896 &:= 7^2 + 18^0 + 19^2 + 22^2 + 23^0 = 72 + 180 + 192 + 222 + 230 \\
 896 &:= 7^2 + 19^0 + 19^2 + 22^0 + 22^2 = 72 + 190 + 192 + 220 + 222 \\
 896 &:= 7^2 + 19^2 + 20^0 + 21^0 + 22^2 = 72 + 192 + 200 + 210 + 222 \\
 896 &:= 7^3 + 10^0 + 22^1 + 23^2 + 27^0 = 73 + 100 + 221 + 232 + 270 \\
 896 &:= 7^3 + 11^0 + 22^1 + 23^2 + 26^0 = 73 + 110 + 221 + 232 + 260 \\
 896 &:= 7^3 + 12^0 + 22^1 + 23^2 + 25^0 = 73 + 120 + 221 + 232 + 250
 \end{aligned}$$

$$\begin{aligned}
 896 &:= 7^3 + 13^0 + 22^1 + 23^2 + 24^0 = 73 + 130 + 221 + 232 + 240 \\
 896 &:= 7^3 + 14^0 + 22^1 + 23^0 + 23^2 = 73 + 140 + 221 + 230 + 232 \\
 896 &:= 7^3 + 15^0 + 22^0 + 22^1 + 23^2 = 73 + 150 + 220 + 221 + 232 \\
 896 &:= 7^3 + 16^0 + 21^0 + 22^1 + 23^2 = 73 + 160 + 210 + 221 + 232 \\
 896 &:= 7^3 + 17^0 + 20^0 + 22^1 + 23^2 = 73 + 170 + 200 + 221 + 232 \\
 896 &:= 7^3 + 18^0 + 19^0 + 22^1 + 23^2 = 73 + 180 + 190 + 221 + 232 \\
 896 &:= 8^1 + 14^2 + 15^1 + 26^0 + 26^2 = 81 + 142 + 151 + 260 + 262 \\
 896 &:= 8^1 + 17^2 + 18^0 + 22^1 + 24^2 = 81 + 172 + 180 + 221 + 242 \\
 896 &:= 8^3 + 14^0 + 19^2 + 21^1 + 27^0 = 83 + 140 + 192 + 211 + 270 \\
 896 &:= 8^3 + 15^0 + 19^2 + 21^1 + 26^0 = 83 + 150 + 192 + 211 + 260 \\
 896 &:= 8^3 + 16^0 + 19^2 + 21^1 + 25^0 = 83 + 160 + 192 + 211 + 250 \\
 896 &:= 8^3 + 17^0 + 19^2 + 21^1 + 24^0 = 83 + 170 + 192 + 211 + 240 \\
 896 &:= 8^3 + 18^0 + 19^2 + 21^1 + 23^0 = 83 + 180 + 192 + 211 + 230 \\
 896 &:= 8^3 + 19^0 + 19^2 + 21^1 + 22^0 = 83 + 190 + 192 + 211 + 220 \\
 896 &:= 8^3 + 19^2 + 20^0 + 21^0 + 21^1 = 83 + 192 + 200 + 210 + 211 \\
 896 &:= 9^1 + 14^1 + 14^2 + 26^0 + 26^2 = 91 + 141 + 142 + 260 + 262 \\
 896 &:= 9^1 + 17^2 + 18^0 + 21^1 + 24^2 = 91 + 172 + 180 + 211 + 242 \\
 896 &:= 9^3 + 12^2 + 20^0 + 21^1 + 27^0 = 93 + 122 + 200 + 211 + 270 \\
 896 &:= 9^3 + 12^2 + 21^0 + 21^1 + 26^0 = 93 + 122 + 210 + 211 + 260 \\
 896 &:= 9^3 + 12^2 + 21^1 + 22^0 + 25^0 = 93 + 122 + 211 + 220 + 250 \\
 896 &:= 9^3 + 12^2 + 21^1 + 23^0 + 24^0 = 93 + 122 + 211 + 230 + 240
 \end{aligned}$$

2.2.798 Number 897

$$\begin{aligned}
 897 &:= 1^4 + 5^0 + 29^2 + 54^1 = 14 + 50 + 292 + 541 \\
 897 &:= 13^2 + 17^2 + 20^2 + 39^1 = 132 + 172 + 202 + 391 \\
 897 &:= 2^2 + 13^2 + 26^2 + 48^1 = 22 + 132 + 262 + 481 \\
 897 &:= 2^2 + 6^3 + 26^2 + 55^0 = 22 + 63 + 262 + 550 \\
 897 &:= 2^4 + 19^0 + 29^2 + 39^1 = 24 + 190 + 292 + 391 \\
 897 &:= 3^4 + 27^0 + 28^2 + 31^1 = 34 + 270 + 282 + 311 \\
 897 &:= 4^3 + 16^2 + 24^2 + 45^0 = 43 + 162 + 242 + 450 \\
 897 &:= 4^4 + 15^1 + 25^2 + 45^0 = 44 + 151 + 252 + 450 \\
 897 &:= 5^3 + 9^3 + 33^0 + 42^1 = 53 + 93 + 330 + 421 \\
 897 &:= 5^4 + 15^1 + 16^2 + 53^0 = 54 + 151 + 162 + 530 \\
 897 &:= 5^4 + 15^2 + 23^0 + 46^1 = 54 + 152 + 230 + 461 \\
 897 &:= 6^2 + 17^2 + 23^2 + 43^1 = 62 + 172 + 232 + 431 \\
 897 &:= 6^3 + 14^2 + 22^2 + 47^0 = 63 + 142 + 222 + 470
 \end{aligned}$$

$$\begin{aligned}
 897 &:= 7^3 + 8^3 + 33^0 + 41^1 = 73 + 83 + 330 + 411 \\
 897 &:= 1^2 + 12^2 + 22^1 + 27^0 + 27^2 = 12 + 122 + 221 + 270 + 272 \\
 897 &:= 1^2 + 14^2 + 23^1 + 25^0 + 26^2 = 12 + 142 + 231 + 250 + 262 \\
 897 &:= 10^2 + 10^2 + 20^1 + 23^0 + 26^2 = 102 + 102 + 201 + 230 + 262 \\
 897 &:= 10^2 + 12^2 + 15^0 + 25^2 + 27^1 = 102 + 122 + 150 + 252 + 271 \\
 897 &:= 10^2 + 14^2 + 17^0 + 24^1 + 24^2 = 102 + 142 + 170 + 241 + 242 \\
 897 &:= 10^2 + 17^0 + 17^2 + 22^2 + 23^1 = 102 + 170 + 172 + 222 + 231 \\
 897 &:= 11^0 + 16^2 + 17^2 + 18^2 + 27^1 = 110 + 162 + 172 + 182 + 271 \\
 897 &:= 11^1 + 14^2 + 17^2 + 20^2 + 27^0 = 111 + 142 + 172 + 202 + 270 \\
 897 &:= 11^2 + 14^1 + 19^2 + 20^2 + 25^0 = 112 + 141 + 192 + 202 + 250 \\
 897 &:= 11^2 + 15^2 + 19^0 + 21^1 + 23^2 = 112 + 152 + 190 + 211 + 232 \\
 897 &:= 12^1 + 12^2 + 16^2 + 22^2 + 27^0 = 121 + 122 + 162 + 222 + 270 \\
 897 &:= 12^2 + 13^0 + 14^2 + 23^2 + 27^1 = 122 + 130 + 142 + 232 + 271
 \end{aligned}$$

$$\begin{aligned}
 897 &:= 12^2 + 17^0 + 17^2 + 21^2 + 22^1 = 122 + 170 + 172 + 212 + 221 & 897 &:= 5^3 + 15^0 + 18^1 + 24^1 + 27^2 = 53 + 150 + 181 + 241 + 272 \\
 897 &:= 13^2 + 15^2 + 18^1 + 21^0 + 22^2 = 132 + 152 + 181 + 210 + 222 & 897 &:= 5^3 + 15^0 + 19^1 + 23^1 + 27^2 = 53 + 150 + 191 + 231 + 272 \\
 897 &:= 14^2 + 14^2 + 19^0 + 20^1 + 22^2 = 142 + 142 + 190 + 201 + 222 & 897 &:= 5^3 + 15^0 + 20^1 + 22^1 + 27^2 = 53 + 150 + 201 + 221 + 272 \\
 897 &:= 14^2 + 15^1 + 18^2 + 19^2 + 23^0 = 142 + 151 + 182 + 192 + 230 & 897 &:= 5^3 + 15^0 + 21^1 + 21^1 + 27^2 = 53 + 150 + 211 + 211 + 272 \\
 897 &:= 15^0 + 15^2 + 18^2 + 18^2 + 23^1 = 150 + 152 + 182 + 182 + 231 & 897 &:= 5^4 + 14^1 + 16^2 + 27^0 + 27^0 = 54 + 141 + 162 + 270 + 270 \\
 897 &:= 15^0 + 16^2 + 16^2 + 19^2 + 23^1 = 150 + 162 + 162 + 192 + 231 & 897 &:= 6^2 + 15^1 + 19^2 + 22^2 + 27^0 = 62 + 151 + 192 + 222 + 270 \\
 897 &:= 15^1 + 15^2 + 16^2 + 20^2 + 23^0 = 151 + 152 + 162 + 202 + 230 & 897 &:= 6^2 + 19^1 + 20^2 + 21^2 + 23^0 = 62 + 191 + 202 + 212 + 230 \\
 897 &:= 15^2 + 17^0 + 17^2 + 19^2 + 21^1 = 152 + 170 + 172 + 192 + 211 & 897 &:= 7^2 + 10^2 + 18^1 + 27^0 + 27^2 = 72 + 102 + 181 + 270 + 272 \\
 897 &:= 2^2 + 14^2 + 20^1 + 26^2 + 27^0 = 22 + 142 + 201 + 262 + 270 & 897 &:= 7^2 + 12^2 + 17^0 + 26^2 + 27^1 = 72 + 122 + 170 + 262 + 271 \\
 897 &:= 2^2 + 17^2 + 19^0 + 24^2 + 27^1 = 22 + 172 + 190 + 242 + 271 & 897 &:= 7^2 + 14^2 + 17^0 + 25^2 + 26^1 = 72 + 142 + 170 + 252 + 261 \\
 897 &:= 3^2 + 17^2 + 22^1 + 23^0 + 24^2 = 32 + 172 + 221 + 230 + 242 & 897 &:= 7^2 + 15^1 + 16^2 + 24^2 + 27^0 = 72 + 151 + 162 + 242 + 270 \\
 897 &:= 4^2 + 17^0 + 18^2 + 23^2 + 27^1 = 42 + 170 + 182 + 232 + 271 & 897 &:= 8^2 + 14^1 + 17^2 + 23^2 + 27^0 = 82 + 141 + 172 + 232 + 270 \\
 897 &:= 4^4 + 14^1 + 19^0 + 25^2 + 27^0 = 44 + 141 + 190 + 252 + 270 & 897 &:= 8^2 + 17^0 + 18^2 + 22^2 + 24^1 = 82 + 170 + 182 + 222 + 241 \\
 897 &:= 4^4 + 14^1 + 20^0 + 25^2 + 26^0 = 44 + 141 + 200 + 252 + 260 & 897 &:= 8^2 + 9^2 + 22^1 + 23^0 + 27^2 = 82 + 92 + 221 + 230 + 272 \\
 897 &:= 4^4 + 14^1 + 21^0 + 25^0 + 25^2 = 44 + 141 + 210 + 250 + 252 & 897 &:= 9^2 + 11^2 + 18^1 + 25^0 + 26^2 = 92 + 112 + 181 + 250 + 262 \\
 897 &:= 4^4 + 14^1 + 22^0 + 24^0 + 25^2 = 44 + 141 + 220 + 240 + 252 & 897 &:= 9^2 + 13^1 + 19^2 + 21^2 + 27^0 = 92 + 131 + 192 + 212 + 270 \\
 897 &:= 4^4 + 14^1 + 23^0 + 23^0 + 25^2 = 44 + 141 + 230 + 230 + 252 & 897 &:= 9^2 + 13^2 + 21^0 + 21^1 + 25^2 = 92 + 132 + 210 + 211 + 252 \\
 897 &:= 5^2 + 11^2 + 21^1 + 25^0 + 27^2 = 52 + 112 + 211 + 250 + 272 & 897 &:= 9^2 + 14^1 + 15^2 + 24^2 + 27^0 = 92 + 141 + 152 + 242 + 270 \\
 897 &:= 5^2 + 13^2 + 19^0 + 26^1 + 26^2 = 52 + 132 + 190 + 261 + 262 & 897 &:= 9^2 + 15^1 + 20^2 + 20^2 + 25^0 = 92 + 151 + 202 + 202 + 250 \\
 897 &:= 5^2 + 15^2 + 21^1 + 23^0 + 25^2 = 52 + 152 + 211 + 230 + 252 & 897 &:= 9^3 + 11^2 + 19^1 + 23^0 + 27^1 = 93 + 112 + 191 + 230 + 271 \\
 897 &:= 5^2 + 17^0 + 19^2 + 22^2 + 26^1 = 52 + 170 + 192 + 222 + 261 & 897 &:= 9^3 + 11^2 + 20^1 + 23^0 + 26^1 = 93 + 112 + 201 + 230 + 261 \\
 897 &:= 5^2 + 18^1 + 18^2 + 23^2 + 25^0 = 52 + 181 + 182 + 232 + 250 & 897 &:= 9^3 + 11^2 + 21^1 + 23^0 + 25^1 = 93 + 112 + 211 + 230 + 251 \\
 897 &:= 5^3 + 15^0 + 15^1 + 27^1 + 27^2 = 53 + 150 + 151 + 271 + 272 & 897 &:= 9^3 + 11^2 + 22^1 + 23^0 + 24^1 = 93 + 112 + 221 + 230 + 241 \\
 897 &:= 5^3 + 15^0 + 16^1 + 26^1 + 27^2 = 53 + 150 + 161 + 261 + 272 & 897 &:= 9^3 + 11^2 + 23^0 + 23^1 + 23^1 = 93 + 112 + 230 + 231 + 231 \\
 897 &:= 5^3 + 15^0 + 17^1 + 25^1 + 27^2 = 53 + 150 + 171 + 251 + 272
 \end{aligned}$$

2.2.799 Number 898

$$\begin{aligned}
 898 &:= 1^5 + 4^0 + 29^2 + 55^1 = 15 + 40 + 292 + 551 & 898 &:= 1^3 + 14^2 + 24^0 + 24^1 + 26^2 = 13 + 142 + 240 + 241 + 262 \\
 898 &:= 2^4 + 16^2 + 25^2 + 46^0 = 24 + 162 + 252 + 460 & 898 &:= 2^3 + 17^2 + 22^0 + 24^1 + 24^2 = 23 + 172 + 220 + 241 + 242 \\
 898 &:= 2^5 + 24^1 + 29^2 + 34^0 = 25 + 241 + 292 + 340 & 898 &:= 3^3 + 13^2 + 22^0 + 25^1 + 26^2 = 33 + 132 + 220 + 251 + 262 \\
 898 &:= 2^9 + 3^5 + 4^3 + 79^1 = 29 + 35 + 43 + 791 & 898 &:= 3^3 + 15^2 + 20^1 + 25^2 + 26^0 = 33 + 152 + 201 + 252 + 260 \\
 898 &:= 3^5 + 25^2 + 29^1 + 32^0 = 35 + 252 + 291 + 320 & 898 &:= 3^3 + 19^2 + 20^0 + 22^2 + 25^1 = 33 + 192 + 200 + 222 + 251 \\
 898 &:= 4^2 + 4^4 + 25^2 + 56^0 = 42 + 44 + 252 + 560 & 898 &:= 4^2 + 5^3 + 26^0 + 27^1 + 27^2 = 42 + 53 + 260 + 271 + 272 \\
 898 &:= 4^2 + 5^4 + 16^2 + 64^0 = 42 + 54 + 162 + 640 & 898 &:= 4^3 + 18^2 + 20^0 + 22^2 + 25^1 = 43 + 182 + 200 + 222 + 251 \\
 898 &:= 5^4 + 6^3 + 22^0 + 56^1 = 54 + 63 + 220 + 561 & 898 &:= 4^3 + 9^2 + 23^1 + 26^0 + 27^2 = 43 + 92 + 231 + 260 + 272 \\
 898 &:= 6^3 + 8^3 + 13^2 + 62^0 = 63 + 83 + 132 + 620 & 898 &:= 4^4 + 8^2 + 24^2 + 26^0 + 27^0 = 44 + 82 + 242 + 260 + 270 \\
 898 &:= 1^3 + 12^2 + 23^1 + 26^0 + 27^2 = 13 + 122 + 231 + 260 + 272 & 898 &:= 5^3 + 11^2 + 22^0 + 25^2 + 26^1 = 53 + 112 + 220 + 252 + 261
 \end{aligned}$$

$$898 := 5^3 + 13^2 + 20^0 + 24^2 + 27^1 = 53 + 132 + 200 + 242 + 271$$

$$898 := 5^4 + 15^2 + 20^1 + 22^0 + 27^1 = 54 + 152 + 201 + 220 + 271$$

$$898 := 5^4 + 15^2 + 21^1 + 22^0 + 26^1 = 54 + 152 + 211 + 220 + 261$$

$$898 := 5^4 + 15^2 + 22^0 + 22^1 + 25^1 = 54 + 152 + 220 + 221 + 251$$

$$898 := 5^4 + 15^2 + 22^0 + 23^1 + 24^1 = 54 + 152 + 220 + 231 + 241$$

$$898 := 6^3 + 16^2 + 20^2 + 22^0 + 25^1 = 63 + 162 + 202 + 220 + 251$$

$$898 := 6^3 + 9^2 + 24^1 + 24^2 + 26^0 = 63 + 92 + 241 + 242 + 260$$

$$898 := 7^3 + 13^2 + 19^2 + 24^1 + 26^0 = 73 + 132 + 192 + 241 + 260$$

2.2.800 Number 899

$$899 := 1^3 + 6^3 + 25^2 + 57^1 = 13 + 63 + 252 + 571$$

$$899 := 1^3 + 8^3 + 18^2 + 62^1 = 13 + 83 + 182 + 621$$

$$899 := 1^3 + 9^3 + 10^2 + 69^1 = 13 + 93 + 102 + 691$$

$$899 := 1^4 + 15^2 + 25^2 + 48^1 = 14 + 152 + 252 + 481$$

$$899 := 1^6 + 3^0 + 29^2 + 56^1 = 16 + 30 + 292 + 561$$

$$899 := 2^5 + 5^2 + 29^2 + 53^0 = 25 + 52 + 292 + 530$$

$$899 := 2^6 + 9^0 + 28^2 + 50^1 = 26 + 90 + 282 + 501$$

$$899 := 3^2 + 4^4 + 24^2 + 58^1 = 32 + 44 + 242 + 581$$

$$899 := 3^4 + 12^2 + 25^2 + 49^1 = 34 + 122 + 252 + 491$$

$$899 := 3^4 + 6^2 + 27^2 + 53^1 = 34 + 62 + 272 + 531$$

$$899 := 3^6 + 11^2 + 27^0 + 48^1 = 36 + 112 + 270 + 481$$

$$899 := 3^6 + 12^2 + 25^1 + 49^0 = 36 + 122 + 251 + 490$$

$$899 := 3^6 + 7^0 + 10^2 + 69^1 = 36 + 70 + 102 + 691$$

$$899 := 4^3 + 6^2 + 9^3 + 70^1 = 43 + 62 + 93 + 701$$

$$899 := 4^4 + 5^4 + 17^1 + 63^0 = 44 + 54 + 171 + 630$$

$$899 := 1^3 + 15^2 + 21^1 + 25^2 + 27^1 = 13 + 152 + 211 + 252 + 271$$

$$899 := 1^3 + 15^2 + 22^1 + 25^2 + 26^1 = 13 + 152 + 221 + 252 + 261$$

$$899 := 1^3 + 15^2 + 23^1 + 25^1 + 25^2 = 13 + 152 + 231 + 251 + 252$$

$$899 := 1^3 + 15^2 + 24^1 + 24^1 + 25^2 = 13 + 152 + 241 + 241 + 252$$

$$899 := 1^4 + 12^2 + 24^1 + 25^0 + 27^2 = 14 + 122 + 241 + 250 + 272$$

$$899 := 1^4 + 14^2 + 23^0 + 25^1 + 26^2 = 14 + 142 + 230 + 251 + 262$$

$$899 := 2^3 + 19^1 + 19^2 + 22^2 + 27^1 = 23 + 191 + 192 + 222 + 271$$

$$899 := 2^3 + 19^2 + 20^1 + 22^2 + 26^1 = 23 + 192 + 201 + 222 + 261$$

$$899 := 2^3 + 19^2 + 21^1 + 22^2 + 25^1 = 23 + 192 + 211 + 222 + 251$$

$$899 := 2^3 + 19^2 + 22^1 + 22^2 + 24^1 = 23 + 192 + 221 + 222 + 241$$

$$899 := 2^3 + 19^2 + 22^2 + 23^1 + 23^1 = 23 + 192 + 222 + 231 + 231$$

$$899 := 2^5 + 17^2 + 19^0 + 24^2 + 27^0 = 25 + 172 + 190 + 242 + 270$$

$$899 := 2^5 + 17^2 + 20^0 + 24^2 + 26^0 = 25 + 172 + 200 + 242 + 260$$

$$899 := 2^5 + 17^2 + 21^0 + 24^2 + 25^0 = 25 + 172 + 210 + 242 + 250$$

$$899 := 2^5 + 17^2 + 22^0 + 24^0 + 24^2 = 25 + 172 + 220 + 240 + 242$$

$$899 := 2^5 + 17^2 + 23^0 + 23^0 + 24^2 = 25 + 172 + 230 + 230 + 242$$

$$899 := 3^4 + 13^2 + 23^1 + 25^0 + 25^2 = 34 + 132 + 231 + 250 + 252$$

$$899 := 3^4 + 8^2 + 24^1 + 27^0 + 27^2 = 34 + 82 + 241 + 270 + 272$$

$$899 := 3^6 + 12^2 + 23^0 + 24^1 + 27^0 = 36 + 122 + 230 + 241 + 270$$

$$899 := 3^6 + 12^2 + 24^0 + 24^1 + 26^0 = 36 + 122 + 240 + 241 + 260$$

$$899 := 3^6 + 12^2 + 24^1 + 25^0 + 25^0 = 36 + 122 + 241 + 250 + 250$$

$$899 := 4^4 + 16^2 + 19^2 + 25^0 + 25^1 = 44 + 162 + 192 + 250 + 251$$

$$899 := 5^3 + 10^2 + 22^1 + 25^2 + 27^1 = 53 + 102 + 221 + 252 + 271$$

$$899 := 5^3 + 10^2 + 23^1 + 25^2 + 26^1 = 53 + 102 + 231 + 252 + 261$$

$$899 := 5^3 + 10^2 + 24^1 + 25^1 + 25^2 = 53 + 102 + 241 + 251 + 252$$

$$899 := 7^3 + 12^2 + 19^2 + 24^1 + 27^1 = 73 + 122 + 192 + 241 + 271$$

$$899 := 7^3 + 12^2 + 19^2 + 25^1 + 26^1 = 73 + 122 + 192 + 251 + 261$$

2.2.801 Number 900

$$900 := 1^2 + 3^6 + 13^2 + 72^0 = 12 + 36 + 132 + 720$$

$$900 := 1^5 + 9^3 + 13^2 + 66^0 = 15 + 93 + 132 + 660$$

$$900 := 1^6 + 13^2 + 27^2 + 48^0 = 16 + 132 + 272 + 480$$

$$900 := 1^7 + 2^0 + 29^2 + 57^1 = 17 + 20 + 292 + 571$$

$$900 := 1^8 + 1^9 + 29^2 + 57^1 = 18 + 19 + 292 + 571$$

$$900 := 2^7 + 18^0 + 27^2 + 42^1 = 27 + 180 + 272 + 421$$

$$900 := 3^5 + 5^4 + 31^1 + 50^0 = 35 + 54 + 311 + 500$$

$$900 := 3^5 + 8^3 + 12^2 + 66^0 = 35 + 83 + 122 + 660$$

$$900 := 3^6 + 5^3 + 36^0 + 45^1 = 36 + 53 + 360 + 451$$

$$900 := 3^6 + 7^2 + 11^2 + 68^0 = 36 + 72 + 112 + 680$$

$$900 := 1^5 + 12^2 + 24^0 + 25^1 + 27^2 = 15 + 122 + 240 + 251 + 272$$

$$900 := 1^5 + 14^2 + 22^0 + 26^1 + 26^2 = 15 + 142 + 220 + 261 + 262$$

$$900 := 2^5 + 13^2 + 22^1 + 26^0 + 26^2 = 25 + 132 + 221 + 260 + 262$$

$$900 := 2^5 + 19^2 + 22^1 + 22^2 + 24^0 = 25 + 192 + 221 + 222 + 240$$

$$900 := 2^5 + 20^0 + 20^2 + 21^2 + 26^1 = 25 + 200 + 202 + 212 + 261$$

$$900 := 3^5 + 10^2 + 23^2 + 26^0 + 27^1 = 35 + 102 + 232 + 260 + 271$$

$$900 := 3^6 + 11^2 + 22^1 + 26^0 + 27^1 = 36 + 112 + 221 + 260 + 271$$

$$900 := 3^6 + 11^2 + 23^1 + 26^0 + 26^1 = 36 + 112 + 231 + 260 + 261$$

$$900 := 3^6 + 11^2 + 24^1 + 25^1 + 26^0 = 36 + 112 + 241 + 251 + 260$$

2.2.802 Number 901

$$901 := 1^8 + 29^2 + 59^1 = 18 + 292 + 591$$

$$901 := 1^0 + 1^8 + 29^2 + 58^1 = 10 + 18 + 292 + 581$$

$$901 := 1^1 + 1^7 + 29^2 + 58^1 = 11 + 17 + 292 + 581$$

$$901 := 1^2 + 1^6 + 29^2 + 58^1 = 12 + 16 + 292 + 581$$

$$901 := 1^3 + 1^5 + 29^2 + 58^1 = 13 + 15 + 292 + 581$$

$$901 := 1^4 + 1^4 + 29^2 + 58^1 = 14 + 14 + 292 + 581$$

$$901 := 1^6 + 11^2 + 27^2 + 50^1 = 16 + 112 + 272 + 501$$

$$901 := 1^6 + 18^2 + 23^2 + 47^1 = 16 + 182 + 232 + 471$$

$$901 := 1^6 + 8^2 + 28^2 + 52^1 = 16 + 82 + 282 + 521$$

$$901 := 1^7 + 10^1 + 29^2 + 49^1 = 17 + 101 + 292 + 491$$

$$901 := 1^7 + 11^1 + 29^2 + 48^1 = 17 + 111 + 292 + 481$$

$$901 := 1^7 + 12^1 + 29^2 + 47^1 = 17 + 121 + 292 + 471$$

$$901 := 1^7 + 13^1 + 29^2 + 46^1 = 17 + 131 + 292 + 461$$

$$901 := 1^7 + 14^1 + 29^2 + 45^1 = 17 + 141 + 292 + 451$$

$$901 := 1^7 + 15^1 + 29^2 + 44^1 = 17 + 151 + 292 + 441$$

$$901 := 1^7 + 16^1 + 29^2 + 43^1 = 17 + 161 + 292 + 431$$

$$901 := 1^7 + 17^1 + 29^2 + 42^1 = 17 + 171 + 292 + 421$$

$$901 := 1^7 + 18^1 + 29^2 + 41^1 = 17 + 181 + 292 + 411$$

$$901 := 1^7 + 19^1 + 29^2 + 40^1 = 17 + 191 + 292 + 401$$

$$901 := 1^7 + 2^1 + 29^2 + 57^1 = 17 + 21 + 292 + 571$$

$$901 := 1^7 + 20^1 + 29^2 + 39^1 = 17 + 201 + 292 + 391$$

$$901 := 1^7 + 21^1 + 29^2 + 38^1 = 17 + 211 + 292 + 381$$

$$901 := 1^7 + 22^1 + 29^2 + 37^1 = 17 + 221 + 292 + 371$$

$$901 := 1^7 + 23^1 + 29^2 + 36^1 = 17 + 231 + 292 + 361$$

$$901 := 1^7 + 24^1 + 29^2 + 35^1 = 17 + 241 + 292 + 351$$

$$901 := 1^7 + 25^1 + 29^2 + 34^1 = 17 + 251 + 292 + 341$$

$$901 := 1^7 + 26^1 + 29^2 + 33^1 = 17 + 261 + 292 + 331$$

$$901 := 1^7 + 27^1 + 29^2 + 32^1 = 17 + 271 + 292 + 321$$

$$901 := 1^7 + 28^1 + 29^2 + 31^1 = 17 + 281 + 292 + 311$$

$$901 := 1^7 + 29^1 + 29^2 + 30^1 = 17 + 291 + 292 + 301$$

$$901 := 1^7 + 3^1 + 29^2 + 56^1 = 17 + 31 + 292 + 561$$

$$901 := 1^7 + 4^1 + 29^2 + 55^1 = 17 + 41 + 292 + 551$$

$$901 := 1^7 + 5^1 + 29^2 + 54^1 = 17 + 51 + 292 + 541$$

$$901 := 1^7 + 6^1 + 29^2 + 53^1 = 17 + 61 + 292 + 531$$

$$901 := 1^7 + 7^1 + 29^2 + 52^1 = 17 + 71 + 292 + 521$$

$$901 := 1^7 + 8^1 + 29^2 + 51^1 = 17 + 81 + 292 + 511$$

$$901 := 1^7 + 9^1 + 29^2 + 50^1 = 17 + 91 + 292 + 501$$

$$901 := 1^8 + 29^2 + 59^1 = 18 + 292 + 591$$

$$901 := 2^6 + 8^3 + 18^2 + 61^0 = 26 + 83 + 182 + 610$$

$$901 := 2^7 + 14^2 + 24^2 + 49^0 = 27 + 142 + 242 + 490$$

$$901 := 2^7 + 9^3 + 35^0 + 43^1 = 27 + 93 + 350 + 431$$

$$901 := 2^8 + 19^1 + 25^2 + 43^0 = 28 + 191 + 252 + 430$$

$$901 := 3^3 + 3^6 + 12^2 + 71^0 = 33 + 36 + 122 + 710$$

$$901 := 3^4 + 3^5 + 24^2 + 59^0 = 34 + 35 + 242 + 590$$

$$901 := 3^6 + 6^2 + 8^2 + 72^1 = 36 + 62 + 82 + 721$$

$$901 := 1^5 + 11^2 + 23^1 + 27^1 + 27^2 = 15 + 112 + 231 + 271 + 272$$

$$901 := 1^5 + 11^2 + 24^1 + 26^1 + 27^2 = 15 + 112 + 241 + 261 + 272$$

$$901 := 1^5 + 11^2 + 25^1 + 25^1 + 27^2 = 15 + 112 + 251 + 251 + 272$$

$$901 := 1^5 + 18^2 + 20^1 + 23^2 + 27^1 = 15 + 182 + 201 + 232 + 271$$

$$901 := 1^5 + 18^2 + 21^1 + 23^2 + 26^1 = 15 + 182 + 211 + 232 + 261$$

$$901 := 1^5 + 18^2 + 22^1 + 23^2 + 25^1 = 15 + 182 + 221 + 232 + 251$$

$$901 := 1^5 + 18^2 + 23^1 + 23^2 + 24^1 = 15 + 182 + 231 + 232 + 241$$

$$901 := 1^6 + 12^2 + 23^0 + 26^1 + 27^2 = 16 + 122 + 230 + 261 + 272$$

$$901 := 1^6 + 14^2 + 21^0 + 26^2 + 27^1 = 16 + 142 + 210 + 262 + 271$$

$$901 := 1^7 + 13^2 + 21^0 + 27^0 + 27^2 = 17 + 132 + 210 + 270 + 272$$

$$901 := 1^7 + 13^2 + 22^0 + 26^0 + 27^2 = 17 + 132 + 220 + 260 + 272$$

$$901 := 1^7 + 13^2 + 23^0 + 25^0 + 27^2 = 17 + 132 + 230 + 250 + 272$$

$$901 := 1^7 + 13^2 + 24^0 + 24^0 + 27^2 = 17 + 132 + 240 + 240 + 272$$

$$901 := 2^5 + 12^2 + 22^1 + 26^2 + 27^1 = 25 + 122 + 221 + 262 + 271$$

$$901 := 2^5 + 12^2 + 23^1 + 26^1 + 26^2 = 25 + 122 + 231 + 261 + 262$$

$$901 := 2^5 + 12^2 + 24^1 + 25^1 + 26^2 = 25 + 122 + 241 + 251 + 262$$

$$901 := 2^5 + 14^2 + 21^1 + 25^2 + 27^1 = 25 + 142 + 211 + 252 + 271$$

$$\begin{aligned}
 901 &:= 2^5 + 14^2 + 22^1 + 25^2 + 26^1 = 25 + 142 + 221 + 252 + 261 \\
 901 &:= 2^5 + 14^2 + 23^1 + 25^1 + 25^2 = 25 + 142 + 231 + 251 + 252 \\
 901 &:= 2^5 + 14^2 + 24^1 + 24^1 + 25^2 = 25 + 142 + 241 + 241 + 252 \\
 901 &:= 2^6 + 9^2 + 25^0 + 26^1 + 27^2 = 26 + 92 + 250 + 261 + 272 \\
 901 &:= 2^7 + 16^1 + 17^0 + 27^1 + 27^2 = 27 + 161 + 170 + 271 + 272 \\
 901 &:= 2^7 + 17^0 + 17^1 + 26^1 + 27^2 = 27 + 170 + 171 + 261 + 272 \\
 901 &:= 2^7 + 17^0 + 18^1 + 25^1 + 27^2 = 27 + 170 + 181 + 251 + 272 \\
 901 &:= 2^7 + 17^0 + 19^1 + 24^1 + 27^2 = 27 + 170 + 191 + 241 + 272 \\
 901 &:= 2^7 + 17^0 + 20^1 + 23^1 + 27^2 = 27 + 170 + 201 + 231 + 272
 \end{aligned}$$

$$\begin{aligned}
 901 &:= 2^7 + 17^0 + 21^1 + 22^1 + 27^2 = 27 + 170 + 211 + 221 + 272 \\
 901 &:= 2^8 + 17^0 + 18^1 + 25^2 + 27^0 = 28 + 170 + 181 + 252 + 270 \\
 901 &:= 2^8 + 18^0 + 18^1 + 25^2 + 26^0 = 28 + 180 + 181 + 252 + 260 \\
 901 &:= 2^8 + 18^1 + 19^0 + 25^0 + 25^2 = 28 + 181 + 190 + 250 + 252 \\
 901 &:= 2^8 + 18^1 + 20^0 + 24^0 + 25^2 = 28 + 181 + 200 + 240 + 252 \\
 901 &:= 2^8 + 18^1 + 21^0 + 23^0 + 25^2 = 28 + 181 + 210 + 230 + 252 \\
 901 &:= 2^8 + 18^1 + 22^0 + 22^0 + 25^2 = 28 + 181 + 220 + 220 + 252 \\
 901 &:= 3^5 + 11^2 + 22^2 + 26^1 + 27^1 = 35 + 112 + 222 + 261 + 271
 \end{aligned}$$

2.2.803 Number 902

$$\begin{aligned}
 902 &:= 1^0 + 30^2 + 59^0 = 10 + 302 + 590 \\
 902 &:= 10^0 + 30^2 + 50^0 = 100 + 302 + 500 \\
 902 &:= 11^0 + 30^2 + 49^0 = 110 + 302 + 490 \\
 902 &:= 12^0 + 30^2 + 48^0 = 120 + 302 + 480 \\
 902 &:= 13^0 + 30^2 + 47^0 = 130 + 302 + 470 \\
 902 &:= 14^0 + 30^2 + 46^0 = 140 + 302 + 460 \\
 902 &:= 15^0 + 30^2 + 45^0 = 150 + 302 + 450 \\
 902 &:= 16^0 + 30^2 + 44^0 = 160 + 302 + 440 \\
 902 &:= 17^0 + 30^2 + 43^0 = 170 + 302 + 430 \\
 902 &:= 18^0 + 30^2 + 42^0 = 180 + 302 + 420 \\
 902 &:= 19^0 + 30^2 + 41^0 = 190 + 302 + 410 \\
 902 &:= 2^0 + 30^2 + 58^0 = 20 + 302 + 580 \\
 902 &:= 20^0 + 30^2 + 40^0 = 200 + 302 + 400 \\
 902 &:= 21^0 + 30^2 + 39^0 = 210 + 302 + 390 \\
 902 &:= 22^0 + 30^2 + 38^0 = 220 + 302 + 380 \\
 902 &:= 23^0 + 30^2 + 37^0 = 230 + 302 + 370 \\
 902 &:= 24^0 + 30^2 + 36^0 = 240 + 302 + 360 \\
 902 &:= 25^0 + 30^2 + 35^0 = 250 + 302 + 350 \\
 902 &:= 26^0 + 30^2 + 34^0 = 260 + 302 + 340 \\
 902 &:= 27^0 + 30^2 + 33^0 = 270 + 302 + 330 \\
 902 &:= 28^0 + 30^2 + 32^0 = 280 + 302 + 320 \\
 902 &:= 29^0 + 30^2 + 31^0 = 290 + 302 + 310 \\
 902 &:= 3^0 + 30^2 + 57^0 = 30 + 302 + 570 \\
 902 &:= 30^0 + 30^0 + 30^2 = 300 + 300 + 302 \\
 902 &:= 4^0 + 30^2 + 56^0 = 40 + 302 + 560 \\
 902 &:= 5^0 + 30^2 + 55^0 = 50 + 302 + 550 \\
 902 &:= 6^0 + 30^2 + 54^0 = 60 + 302 + 540
 \end{aligned}$$

$$\begin{aligned}
 902 &:= 7^0 + 30^2 + 53^0 = 70 + 302 + 530 \\
 902 &:= 8^0 + 30^2 + 52^0 = 80 + 302 + 520 \\
 902 &:= 9^0 + 30^2 + 51^0 = 90 + 302 + 510 \\
 902 &:= 1^0 + 30^2 + 59^0 = 10 + 302 + 590 \\
 902 &:= 1^8 + 18^2 + 24^2 + 46^0 = 18 + 182 + 242 + 460 \\
 902 &:= 10^0 + 30^2 + 50^0 = 100 + 302 + 500 \\
 902 &:= 2^0 + 30^2 + 58^0 = 20 + 302 + 580 \\
 902 &:= 2^9 + 19^2 + 28^1 + 40^0 = 29 + 192 + 281 + 400 \\
 902 &:= 2^9 + 4^0 + 18^2 + 65^1 = 29 + 40 + 182 + 651 \\
 902 &:= 3^0 + 30^2 + 57^0 = 30 + 302 + 570 \\
 902 &:= 4^0 + 30^2 + 56^0 = 40 + 302 + 560 \\
 902 &:= 5^0 + 30^2 + 55^0 = 50 + 302 + 550 \\
 902 &:= 6^0 + 30^2 + 54^0 = 60 + 302 + 540 \\
 902 &:= 7^0 + 30^2 + 53^0 = 70 + 302 + 530 \\
 902 &:= 8^0 + 30^2 + 52^0 = 80 + 302 + 520 \\
 902 &:= 9^0 + 30^2 + 51^0 = 90 + 302 + 510 \\
 902 &:= 1^7 + 12^2 + 22^0 + 27^1 + 27^2 = 17 + 122 + 220 + 271 + 272 \\
 902 &:= 2^7 + 11^2 + 24^0 + 25^2 + 27^1 = 27 + 112 + 240 + 252 + 271 \\
 902 &:= 2^9 + 14^0 + 19^2 + 27^0 + 27^1 = 29 + 140 + 192 + 270 + 271 \\
 902 &:= 2^9 + 15^0 + 19^2 + 26^0 + 27^1 = 29 + 150 + 192 + 260 + 271 \\
 902 &:= 2^9 + 16^0 + 19^2 + 25^0 + 27^1 = 29 + 160 + 192 + 250 + 271 \\
 902 &:= 2^9 + 17^0 + 19^2 + 24^0 + 27^1 = 29 + 170 + 192 + 240 + 271 \\
 902 &:= 2^9 + 18^0 + 19^2 + 23^0 + 27^1 = 29 + 180 + 192 + 230 + 271 \\
 902 &:= 2^9 + 19^0 + 19^2 + 22^0 + 27^1 = 29 + 190 + 192 + 220 + 271 \\
 902 &:= 2^9 + 19^2 + 20^0 + 21^0 + 27^1 = 29 + 192 + 200 + 210 + 271
 \end{aligned}$$

2.2.804 Number 903

$903 := 2^1 + 30^2 + 58^0$	$= 21 + 302 + 580$	$903 := 1^1 + 6^0 + 30^2 + 53^0$	$= 11 + 60 + 302 + 530$
$903 := 1^0 + 1^1 + 30^2 + 58^0$	$= 10 + 11 + 302 + 580$	$903 := 1^1 + 7^0 + 30^2 + 52^0$	$= 11 + 70 + 302 + 520$
$903 := 1^1 + 10^0 + 30^2 + 49^0$	$= 11 + 100 + 302 + 490$	$903 := 1^1 + 8^0 + 30^2 + 51^0$	$= 11 + 80 + 302 + 510$
$903 := 1^1 + 11^0 + 30^2 + 48^0$	$= 11 + 110 + 302 + 480$	$903 := 1^1 + 9^0 + 30^2 + 50^0$	$= 11 + 90 + 302 + 500$
$903 := 1^1 + 12^0 + 30^2 + 47^0$	$= 11 + 120 + 302 + 470$	$903 := 1^2 + 1^9 + 30^2 + 57^0$	$= 12 + 19 + 302 + 570$
$903 := 1^1 + 13^0 + 30^2 + 46^0$	$= 11 + 130 + 302 + 460$	$903 := 1^3 + 1^8 + 30^2 + 57^0$	$= 13 + 18 + 302 + 570$
$903 := 1^1 + 14^0 + 30^2 + 45^0$	$= 11 + 140 + 302 + 450$	$903 := 1^4 + 1^7 + 30^2 + 57^0$	$= 14 + 17 + 302 + 570$
$903 := 1^1 + 15^0 + 30^2 + 44^0$	$= 11 + 150 + 302 + 440$	$903 := 1^5 + 1^6 + 30^2 + 57^0$	$= 15 + 16 + 302 + 570$
$903 := 1^1 + 16^0 + 30^2 + 43^0$	$= 11 + 160 + 302 + 430$	$903 := 1^8 + 2^2 + 29^2 + 57^1$	$= 18 + 22 + 292 + 571$
$903 := 1^1 + 17^0 + 30^2 + 42^0$	$= 11 + 170 + 302 + 420$	$903 := 1^9 + 15^2 + 26^2 + 47^0$	$= 19 + 152 + 262 + 470$
$903 := 1^1 + 18^0 + 30^2 + 41^0$	$= 11 + 180 + 302 + 410$	$903 := 2^1 + 30^2 + 58^0$	$= 21 + 302 + 580$
$903 := 1^1 + 19^0 + 30^2 + 40^0$	$= 11 + 190 + 302 + 400$	$903 := 2^6 + 5^4 + 12^2 + 70^1$	$= 26 + 54 + 122 + 701$
$903 := 1^1 + 2^0 + 30^2 + 57^0$	$= 11 + 20 + 302 + 570$	$903 := 2^8 + 5^4 + 21^1 + 61^0$	$= 28 + 54 + 211 + 610$
$903 := 1^1 + 20^0 + 30^2 + 39^0$	$= 11 + 200 + 302 + 390$	$903 := 2^9 + 7^3 + 33^0 + 47^1$	$= 29 + 73 + 330 + 471$
$903 := 1^1 + 21^0 + 30^2 + 38^0$	$= 11 + 210 + 302 + 380$	$903 := 1^8 + 16^2 + 20^1 + 25^2 + 27^0$	$= 18 + 162 + 201 + 252 + 270$
$903 := 1^1 + 22^0 + 30^2 + 37^0$	$= 11 + 220 + 302 + 370$	$903 := 1^8 + 19^1 + 21^2 + 21^2 + 27^0$	$= 18 + 191 + 212 + 212 + 270$
$903 := 1^1 + 23^0 + 30^2 + 36^0$	$= 11 + 230 + 302 + 360$	$903 := 1^9 + 18^2 + 19^0 + 24^2 + 27^0$	$= 19 + 182 + 190 + 242 + 270$
$903 := 1^1 + 24^0 + 30^2 + 35^0$	$= 11 + 240 + 302 + 350$	$903 := 1^9 + 18^2 + 20^0 + 24^2 + 26^0$	$= 19 + 182 + 200 + 242 + 260$
$903 := 1^1 + 25^0 + 30^2 + 34^0$	$= 11 + 250 + 302 + 340$	$903 := 1^9 + 18^2 + 21^0 + 24^2 + 25^0$	$= 19 + 182 + 210 + 242 + 250$
$903 := 1^1 + 26^0 + 30^2 + 33^0$	$= 11 + 260 + 302 + 330$	$903 := 1^9 + 18^2 + 22^0 + 24^0 + 24^2$	$= 19 + 182 + 220 + 240 + 242$
$903 := 1^1 + 27^0 + 30^2 + 32^0$	$= 11 + 270 + 302 + 320$	$903 := 1^9 + 18^2 + 23^0 + 23^0 + 24^2$	$= 19 + 182 + 230 + 230 + 242$
$903 := 1^1 + 28^0 + 30^2 + 31^0$	$= 11 + 280 + 302 + 310$	$903 := 2^7 + 14^2 + 23^1 + 23^2 + 27^1$	$= 27 + 142 + 231 + 232 + 271$
$903 := 1^1 + 29^0 + 30^0 + 30^2$	$= 11 + 290 + 300 + 302$	$903 := 2^7 + 14^2 + 23^2 + 24^1 + 26^1$	$= 27 + 142 + 232 + 241 + 261$
$903 := 1^1 + 3^0 + 30^2 + 56^0$	$= 11 + 30 + 302 + 560$	$903 := 2^7 + 14^2 + 23^2 + 25^1 + 25^1$	$= 27 + 142 + 232 + 251 + 251$
$903 := 1^1 + 4^0 + 30^2 + 55^0$	$= 11 + 40 + 302 + 550$		
$903 := 1^1 + 5^0 + 30^2 + 54^0$	$= 11 + 50 + 302 + 540$		

2.2.805 Number 904

$904 := 1^1 + 2^1 + 30^2 + 57^0$	$= 11 + 21 + 302 + 570$	$904 := 10^0 + 12^0 + 15^2 + 26^2 + 27^0$	$= 100 + 120 + 152 + 262 + 270$
$904 := 2^7 + 3^6 + 38^0 + 46^1$	$= 27 + 36 + 380 + 461$	$904 := 10^0 + 13^0 + 15^2 + 26^0 + 26^2$	$= 100 + 130 + 152 + 260 + 262$
$904 := 1^0 + 15^2 + 21^0 + 26^2 + 27^0$	$= 10 + 152 + 210 + 262 + 270$	$904 := 10^0 + 14^0 + 15^2 + 25^0 + 26^2$	$= 100 + 140 + 152 + 250 + 262$
$904 := 1^0 + 15^2 + 22^0 + 26^0 + 26^2$	$= 10 + 152 + 220 + 260 + 262$	$904 := 10^0 + 15^0 + 15^2 + 24^0 + 26^2$	$= 100 + 150 + 152 + 240 + 262$
$904 := 1^0 + 15^2 + 23^0 + 25^0 + 26^2$	$= 10 + 152 + 230 + 250 + 262$	$904 := 10^0 + 15^2 + 16^0 + 23^0 + 26^2$	$= 100 + 152 + 160 + 230 + 262$
$904 := 1^0 + 15^2 + 24^0 + 24^0 + 26^2$	$= 10 + 152 + 240 + 240 + 262$	$904 := 10^0 + 15^2 + 17^0 + 22^0 + 26^2$	$= 100 + 152 + 170 + 220 + 262$
$904 := 1^9 + 16^2 + 21^1 + 25^2 + 26^0$	$= 19 + 162 + 211 + 252 + 260$	$904 := 10^0 + 15^2 + 18^0 + 21^0 + 26^2$	$= 100 + 152 + 180 + 210 + 262$
$904 := 1^9 + 20^1 + 21^2 + 21^2 + 26^0$	$= 19 + 201 + 212 + 212 + 260$	$904 := 10^0 + 15^2 + 19^0 + 20^0 + 26^2$	$= 100 + 152 + 190 + 200 + 262$

$$\begin{aligned} 904 &:= 11^0 + 11^0 + 15^2 + 26^2 + 27^0 = 110 + 110 + 152 + 262 + 270 & 904 &:= 3^0 + 15^2 + 23^0 + 23^0 + 26^2 = 30 + 152 + 230 + 230 + 262 \\ 904 &:= 11^0 + 12^0 + 15^2 + 26^0 + 26^2 = 110 + 120 + 152 + 260 + 262 & 904 &:= 4^0 + 15^2 + 18^0 + 26^2 + 27^0 = 40 + 152 + 180 + 262 + 270 \\ 904 &:= 11^0 + 13^0 + 15^2 + 25^0 + 26^2 = 110 + 130 + 152 + 250 + 262 & 904 &:= 4^0 + 15^2 + 19^0 + 26^0 + 26^2 = 40 + 152 + 190 + 260 + 262 \\ 904 &:= 11^0 + 14^0 + 15^2 + 24^0 + 26^2 = 110 + 140 + 152 + 240 + 262 & 904 &:= 4^0 + 15^2 + 20^0 + 25^0 + 26^2 = 40 + 152 + 200 + 250 + 262 \\ 904 &:= 11^0 + 15^0 + 15^2 + 23^0 + 26^2 = 110 + 150 + 152 + 230 + 262 & 904 &:= 4^0 + 15^2 + 21^0 + 24^0 + 26^2 = 40 + 152 + 210 + 240 + 262 \\ 904 &:= 11^0 + 15^2 + 16^0 + 22^0 + 26^2 = 110 + 152 + 160 + 220 + 262 & 904 &:= 4^0 + 15^2 + 22^0 + 23^0 + 26^2 = 40 + 152 + 220 + 230 + 262 \\ 904 &:= 11^0 + 15^2 + 17^0 + 21^0 + 26^2 = 110 + 152 + 170 + 210 + 262 & 904 &:= 5^0 + 15^2 + 17^0 + 26^2 + 27^0 = 50 + 152 + 170 + 262 + 270 \\ 904 &:= 11^0 + 15^2 + 18^0 + 20^0 + 26^2 = 110 + 152 + 180 + 200 + 262 & 904 &:= 5^0 + 15^2 + 18^0 + 26^0 + 26^2 = 50 + 152 + 180 + 260 + 262 \\ 904 &:= 11^0 + 15^2 + 19^0 + 19^0 + 26^2 = 110 + 152 + 190 + 190 + 262 & 904 &:= 5^0 + 15^2 + 19^0 + 25^0 + 26^2 = 50 + 152 + 190 + 250 + 262 \\ 904 &:= 12^0 + 12^0 + 15^2 + 25^0 + 26^2 = 120 + 120 + 152 + 250 + 262 & 904 &:= 5^0 + 15^2 + 20^0 + 24^0 + 26^2 = 50 + 152 + 200 + 240 + 262 \\ 904 &:= 12^0 + 13^0 + 15^2 + 24^0 + 26^2 = 120 + 130 + 152 + 240 + 262 & 904 &:= 5^0 + 15^2 + 21^0 + 23^0 + 26^2 = 50 + 152 + 210 + 230 + 262 \\ 904 &:= 12^0 + 14^0 + 15^2 + 23^0 + 26^2 = 120 + 140 + 152 + 230 + 262 & 904 &:= 5^0 + 15^2 + 22^0 + 22^0 + 26^2 = 50 + 152 + 220 + 220 + 262 \\ 904 &:= 12^0 + 15^0 + 15^2 + 22^0 + 26^2 = 120 + 150 + 152 + 220 + 262 & 904 &:= 6^0 + 15^2 + 16^0 + 26^2 + 27^0 = 60 + 152 + 160 + 262 + 270 \\ 904 &:= 12^0 + 15^2 + 16^0 + 21^0 + 26^2 = 120 + 152 + 160 + 210 + 262 & 904 &:= 6^0 + 15^2 + 17^0 + 26^0 + 26^2 = 60 + 152 + 170 + 260 + 262 \\ 904 &:= 12^0 + 15^2 + 17^0 + 20^0 + 26^2 = 120 + 152 + 170 + 200 + 262 & 904 &:= 6^0 + 15^2 + 18^0 + 25^0 + 26^2 = 60 + 152 + 180 + 250 + 262 \\ 904 &:= 12^0 + 15^2 + 18^0 + 19^0 + 26^2 = 120 + 152 + 180 + 190 + 262 & 904 &:= 6^0 + 15^2 + 19^0 + 24^0 + 26^2 = 60 + 152 + 190 + 240 + 262 \\ 904 &:= 13^0 + 13^0 + 15^2 + 23^0 + 26^2 = 130 + 130 + 152 + 230 + 262 & 904 &:= 6^0 + 15^2 + 20^0 + 23^0 + 26^2 = 60 + 152 + 200 + 230 + 262 \\ 904 &:= 13^0 + 14^0 + 15^2 + 22^0 + 26^2 = 130 + 140 + 152 + 220 + 262 & 904 &:= 6^0 + 15^2 + 21^0 + 22^0 + 26^2 = 60 + 152 + 210 + 220 + 262 \\ 904 &:= 13^0 + 15^0 + 15^2 + 21^0 + 26^2 = 130 + 150 + 152 + 210 + 262 & 904 &:= 7^0 + 15^0 + 15^2 + 26^2 + 27^0 = 70 + 150 + 152 + 262 + 270 \\ 904 &:= 13^0 + 15^2 + 16^0 + 20^0 + 26^2 = 130 + 152 + 160 + 200 + 262 & 904 &:= 7^0 + 15^2 + 16^0 + 26^0 + 26^2 = 70 + 152 + 160 + 260 + 262 \\ 904 &:= 13^0 + 15^2 + 17^0 + 19^0 + 26^2 = 130 + 152 + 170 + 190 + 262 & 904 &:= 7^0 + 15^2 + 17^0 + 25^0 + 26^2 = 70 + 152 + 170 + 250 + 262 \\ 904 &:= 13^0 + 15^2 + 18^0 + 18^0 + 26^2 = 130 + 152 + 180 + 180 + 262 & 904 &:= 7^0 + 15^2 + 18^0 + 24^0 + 26^2 = 70 + 152 + 180 + 240 + 262 \\ 904 &:= 14^0 + 14^0 + 15^2 + 21^0 + 26^2 = 140 + 140 + 152 + 210 + 262 & 904 &:= 7^0 + 15^2 + 19^0 + 23^0 + 26^2 = 70 + 152 + 190 + 230 + 262 \\ 904 &:= 14^0 + 15^0 + 15^2 + 20^0 + 26^2 = 140 + 150 + 152 + 200 + 262 & 904 &:= 7^0 + 15^2 + 20^0 + 22^0 + 26^2 = 70 + 152 + 200 + 220 + 262 \\ 904 &:= 14^0 + 15^2 + 16^0 + 19^0 + 26^2 = 140 + 152 + 160 + 190 + 262 & 904 &:= 7^0 + 15^2 + 21^0 + 21^0 + 26^2 = 70 + 152 + 210 + 210 + 262 \\ 904 &:= 14^0 + 15^2 + 17^0 + 18^0 + 26^2 = 140 + 152 + 170 + 180 + 262 & 904 &:= 8^0 + 14^0 + 15^2 + 26^2 + 27^0 = 80 + 140 + 152 + 262 + 270 \\ 904 &:= 15^0 + 15^0 + 15^2 + 19^0 + 26^2 = 150 + 150 + 152 + 190 + 262 & 904 &:= 8^0 + 15^0 + 15^2 + 26^0 + 26^2 = 80 + 150 + 152 + 260 + 262 \\ 904 &:= 15^0 + 15^2 + 16^0 + 18^0 + 26^2 = 150 + 152 + 160 + 180 + 262 & 904 &:= 8^0 + 15^2 + 16^0 + 25^0 + 26^2 = 80 + 152 + 160 + 250 + 262 \\ 904 &:= 15^0 + 15^2 + 17^0 + 17^0 + 26^2 = 150 + 152 + 170 + 170 + 262 & 904 &:= 8^0 + 15^2 + 17^0 + 24^0 + 26^2 = 80 + 152 + 170 + 240 + 262 \\ 904 &:= 15^2 + 16^0 + 16^0 + 17^0 + 26^2 = 152 + 160 + 160 + 170 + 262 & 904 &:= 8^0 + 15^2 + 18^0 + 23^0 + 26^2 = 80 + 152 + 180 + 230 + 262 \\ 904 &:= 2^0 + 15^2 + 20^0 + 26^2 + 27^0 = 20 + 152 + 200 + 262 + 270 & 904 &:= 8^0 + 15^2 + 19^0 + 22^0 + 26^2 = 80 + 152 + 190 + 220 + 262 \\ 904 &:= 2^0 + 15^2 + 21^0 + 26^0 + 26^2 = 20 + 152 + 210 + 260 + 262 & 904 &:= 8^0 + 15^2 + 20^0 + 21^0 + 26^2 = 80 + 152 + 200 + 210 + 262 \\ 904 &:= 2^0 + 15^2 + 22^0 + 25^0 + 26^2 = 20 + 152 + 220 + 250 + 262 & 904 &:= 9^0 + 13^0 + 15^2 + 26^2 + 27^0 = 90 + 130 + 152 + 262 + 270 \\ 904 &:= 2^0 + 15^2 + 23^0 + 24^0 + 26^2 = 20 + 152 + 230 + 240 + 262 & 904 &:= 9^0 + 14^0 + 15^2 + 26^0 + 26^2 = 90 + 140 + 152 + 260 + 262 \\ 904 &:= 3^0 + 15^2 + 19^0 + 26^2 + 27^0 = 30 + 152 + 190 + 262 + 270 & 904 &:= 9^0 + 15^0 + 15^2 + 25^0 + 26^2 = 90 + 150 + 152 + 250 + 262 \\ 904 &:= 3^0 + 15^2 + 20^0 + 26^0 + 26^2 = 30 + 152 + 200 + 260 + 262 & 904 &:= 9^0 + 15^2 + 16^0 + 24^0 + 26^2 = 90 + 152 + 160 + 240 + 262 \\ 904 &:= 3^0 + 15^2 + 21^0 + 25^0 + 26^2 = 30 + 152 + 210 + 250 + 262 & 904 &:= 9^0 + 15^2 + 17^0 + 23^0 + 26^2 = 90 + 152 + 170 + 230 + 262 \\ 904 &:= 3^0 + 15^2 + 22^0 + 24^0 + 26^2 = 30 + 152 + 220 + 240 + 262 & 904 &:= 9^0 + 15^2 + 18^0 + 22^0 + 26^2 = 90 + 152 + 180 + 220 + 262 \end{aligned}$$

$$904 := 9^0 + 15^2 + 19^0 + 21^0 + 26^2 = 90 + 152 + 190 + 210 + 262$$

$$904 := 9^0 + 15^2 + 20^0 + 20^0 + 26^2 = 90 + 152 + 200 + 200 + 262$$

2.2.806 Number 905

$905 := 1^2 + 3^1 + 30^2 + 56^0$	$= 12 + 31 + 302 + 560$	$905 := 12^0 + 15^0 + 21^1 + 21^2 + 21^2 = 120 + 150 + 211 + 212 + 212$
$905 := 1^3 + 2^9 + 18^2 + 68^1$	$= 13 + 29 + 182 + 681$	$905 := 12^0 + 17^0 + 19^1 + 20^2 + 22^2 = 120 + 170 + 191 + 202 + 222$
$905 := 1^6 + 3^6 + 10^2 + 75^1$	$= 16 + 36 + 102 + 751$	$905 := 13^0 + 13^1 + 19^2 + 22^0 + 23^2 = 130 + 131 + 192 + 220 + 232$
$905 := 1^9 + 4^3 + 28^2 + 56^1$	$= 19 + 43 + 282 + 561$	$905 := 13^0 + 14^0 + 16^2 + 22^1 + 25^2 = 130 + 140 + 162 + 221 + 252$
$905 := 10^0 + 17^2 + 24^2 + 39^1$	$= 100 + 172 + 242 + 391$	$905 := 13^0 + 14^0 + 21^1 + 21^2 + 21^2 = 130 + 140 + 211 + 212 + 212$
$905 := 10^2 + 20^1 + 28^2 + 32^0$	$= 102 + 201 + 282 + 320$	$905 := 13^0 + 16^0 + 19^1 + 20^2 + 22^2 = 130 + 160 + 191 + 202 + 222$
$905 := 12^2 + 20^0 + 27^2 + 31^1$	$= 122 + 200 + 272 + 311$	$905 := 13^1 + 14^0 + 19^2 + 21^0 + 23^2 = 131 + 140 + 192 + 210 + 232$
$905 := 14^1 + 19^2 + 23^2 + 34^0$	$= 141 + 192 + 232 + 340$	$905 := 13^1 + 15^0 + 19^2 + 20^0 + 23^2 = 131 + 150 + 192 + 200 + 232$
$905 := 14^2 + 18^0 + 26^2 + 32^1$	$= 142 + 180 + 262 + 321$	$905 := 13^1 + 16^0 + 19^0 + 19^2 + 23^2 = 131 + 160 + 190 + 192 + 232$
$905 := 16^2 + 23^1 + 25^2 + 26^0$	$= 162 + 231 + 252 + 260$	$905 := 13^1 + 17^0 + 18^0 + 19^2 + 23^2 = 131 + 170 + 180 + 192 + 232$
$905 := 2^5 + 3^6 + 4^3 + 80^1$	$= 25 + 36 + 43 + 801$	$905 := 14^0 + 15^0 + 19^1 + 20^2 + 22^2 = 140 + 150 + 191 + 202 + 222$
$905 := 20^1 + 20^2 + 22^2 + 28^0$	$= 201 + 202 + 222 + 280$	$905 := 2^0 + 16^2 + 22^1 + 25^0 + 25^2 = 20 + 162 + 221 + 250 + 252$
$905 := 21^2 + 21^2 + 22^1 + 26^0$	$= 212 + 212 + 221 + 260$	$905 := 2^0 + 19^1 + 20^2 + 22^2 + 27^0 = 20 + 191 + 202 + 222 + 270$
$905 := 3^1 + 15^2 + 26^2 + 46^0$	$= 31 + 152 + 262 + 460$	$905 := 2^0 + 21^1 + 21^2 + 21^2 + 25^0 = 20 + 211 + 212 + 212 + 250$
$905 := 3^2 + 4^0 + 29^2 + 54^1$	$= 32 + 40 + 292 + 541$	$905 := 2^1 + 15^2 + 20^0 + 26^2 + 27^0 = 21 + 152 + 200 + 262 + 270$
$905 := 4^1 + 18^2 + 24^2 + 44^0$	$= 41 + 182 + 242 + 440$	$905 := 2^1 + 15^2 + 21^0 + 26^0 + 26^2 = 21 + 152 + 210 + 260 + 262$
$905 := 4^2 + 10^0 + 29^2 + 47^1$	$= 42 + 100 + 292 + 471$	$905 := 2^1 + 15^2 + 22^0 + 25^0 + 26^2 = 21 + 152 + 220 + 250 + 262$
$905 := 5^2 + 18^0 + 29^2 + 38^1$	$= 52 + 180 + 292 + 381$	$905 := 2^1 + 15^2 + 23^0 + 24^0 + 26^2 = 21 + 152 + 230 + 240 + 262$
$905 := 6^1 + 13^2 + 27^2 + 44^0$	$= 61 + 132 + 272 + 440$	$905 := 3^0 + 16^2 + 22^1 + 24^0 + 25^2 = 30 + 162 + 221 + 240 + 252$
$905 := 6^2 + 27^1 + 28^0 + 29^2$	$= 62 + 271 + 280 + 292$	$905 := 3^0 + 19^1 + 20^2 + 22^2 + 26^0 = 30 + 191 + 202 + 222 + 260$
$905 := 7^2 + 14^1 + 29^2 + 40^0$	$= 72 + 141 + 292 + 400$	$905 := 3^0 + 21^1 + 21^2 + 21^2 + 24^0 = 30 + 211 + 212 + 212 + 240$
$905 := 9^2 + 14^0 + 28^2 + 39^1$	$= 92 + 140 + 282 + 391$	$905 := 3^1 + 18^0 + 18^2 + 24^2 + 27^0 = 31 + 180 + 182 + 242 + 270$
$905 := 1^0 + 16^2 + 22^1 + 25^2 + 26^0$	$= 10 + 162 + 221 + 252 + 260$	$905 := 3^1 + 18^2 + 19^0 + 24^2 + 26^0 = 31 + 182 + 190 + 242 + 260$
$905 := 1^0 + 21^1 + 21^2 + 21^2 + 26^0$	$= 10 + 211 + 212 + 212 + 260$	$905 := 3^1 + 18^2 + 20^0 + 24^2 + 25^0 = 31 + 182 + 200 + 242 + 250$
$905 := 10^0 + 13^1 + 19^2 + 23^2 + 25^0$	$= 100 + 131 + 192 + 232 + 250$	$905 := 3^1 + 18^2 + 21^0 + 24^0 + 24^2 = 31 + 182 + 210 + 240 + 242$
$905 := 10^0 + 16^2 + 17^0 + 22^1 + 25^2$	$= 100 + 162 + 170 + 221 + 252$	$905 := 3^1 + 18^2 + 22^0 + 23^0 + 24^2 = 31 + 182 + 220 + 230 + 242$
$905 := 10^0 + 17^0 + 21^1 + 21^2 + 21^2$	$= 100 + 170 + 211 + 212 + 212$	$905 := 4^0 + 16^2 + 22^1 + 23^0 + 25^2 = 40 + 162 + 221 + 230 + 252$
$905 := 10^0 + 19^0 + 19^1 + 20^2 + 22^2$	$= 100 + 190 + 191 + 202 + 222$	$905 := 4^0 + 19^1 + 20^2 + 22^2 + 25^0 = 40 + 191 + 202 + 222 + 250$
$905 := 11^0 + 13^1 + 19^2 + 23^2 + 24^0$	$= 110 + 131 + 192 + 232 + 240$	$905 := 4^0 + 21^1 + 21^2 + 21^2 + 23^0 = 40 + 211 + 212 + 212 + 230$
$905 := 11^0 + 16^0 + 16^2 + 22^1 + 25^2$	$= 110 + 160 + 162 + 221 + 252$	$905 := 5^0 + 16^2 + 22^0 + 22^1 + 25^2 = 50 + 162 + 220 + 221 + 252$
$905 := 11^0 + 16^0 + 21^1 + 21^2 + 21^2$	$= 110 + 160 + 211 + 212 + 212$	$905 := 5^0 + 19^1 + 20^2 + 22^2 + 24^0 = 50 + 191 + 202 + 222 + 240$
$905 := 11^0 + 18^0 + 19^1 + 20^2 + 22^2$	$= 110 + 180 + 191 + 202 + 222$	$905 := 5^0 + 21^1 + 21^2 + 21^2 + 22^0 = 50 + 211 + 212 + 212 + 220$
$905 := 12^0 + 13^1 + 19^2 + 23^0 + 23^2$	$= 120 + 131 + 192 + 230 + 232$	$905 := 5^1 + 13^2 + 18^0 + 27^0 + 27^2 = 51 + 132 + 180 + 270 + 272$
$905 := 12^0 + 15^0 + 16^2 + 22^1 + 25^2$	$= 120 + 150 + 162 + 221 + 252$	$905 := 5^1 + 13^2 + 19^0 + 26^0 + 27^2 = 51 + 132 + 190 + 260 + 272$

$$\begin{aligned}
 905 &:= 5^1 + 13^2 + 20^0 + 25^0 + 27^2 = 51 + 132 + 200 + 250 + 272 \\
 905 &:= 5^1 + 13^2 + 21^0 + 24^0 + 27^2 = 51 + 132 + 210 + 240 + 272 \\
 905 &:= 5^1 + 13^2 + 22^0 + 23^0 + 27^2 = 51 + 132 + 220 + 230 + 272 \\
 905 &:= 6^0 + 16^2 + 21^0 + 22^1 + 25^2 = 60 + 162 + 210 + 221 + 252 \\
 905 &:= 6^0 + 19^1 + 20^2 + 22^2 + 23^0 = 60 + 191 + 202 + 222 + 230 \\
 905 &:= 6^0 + 21^0 + 21^1 + 21^2 + 21^2 = 60 + 210 + 211 + 212 + 212 \\
 905 &:= 7^0 + 16^2 + 20^0 + 22^1 + 25^2 = 70 + 162 + 200 + 221 + 252 \\
 905 &:= 7^0 + 19^1 + 20^2 + 22^0 + 22^2 = 70 + 191 + 202 + 220 + 222 \\
 905 &:= 7^0 + 20^0 + 21^1 + 21^2 + 21^2 = 70 + 200 + 211 + 212 + 212
 \end{aligned}$$

$$\begin{aligned}
 905 &:= 8^0 + 13^1 + 19^2 + 23^2 + 27^0 = 80 + 131 + 192 + 232 + 270 \\
 905 &:= 8^0 + 16^2 + 19^0 + 22^1 + 25^2 = 80 + 162 + 190 + 221 + 252 \\
 905 &:= 8^0 + 19^0 + 21^1 + 21^2 + 21^2 = 80 + 190 + 211 + 212 + 212 \\
 905 &:= 8^0 + 19^1 + 20^2 + 21^0 + 22^2 = 80 + 191 + 202 + 210 + 222 \\
 905 &:= 9^0 + 13^1 + 19^2 + 23^2 + 26^0 = 90 + 131 + 192 + 232 + 260 \\
 905 &:= 9^0 + 16^2 + 18^0 + 22^1 + 25^2 = 90 + 162 + 180 + 221 + 252 \\
 905 &:= 9^0 + 18^0 + 21^1 + 21^2 + 21^2 = 90 + 180 + 211 + 212 + 212 \\
 905 &:= 9^0 + 19^1 + 20^0 + 20^2 + 22^2 = 90 + 191 + 200 + 202 + 222
 \end{aligned}$$

2.2.807 Number 906

$$\begin{aligned}
 906 &:= 4^3 + 28^2 + 58^1 = 43 + 282 + 581 \\
 906 &:= 1^0 + 4^3 + 28^2 + 57^1 = 10 + 43 + 282 + 571 \\
 906 &:= 1^2 + 2^2 + 30^2 + 57^0 = 12 + 22 + 302 + 570 \\
 906 &:= 1^3 + 4^1 + 30^2 + 55^0 = 13 + 41 + 302 + 550 \\
 906 &:= 12^2 + 19^2 + 20^2 + 39^0 = 122 + 192 + 202 + 390 \\
 906 &:= 14^2 + 15^2 + 22^2 + 39^0 = 142 + 152 + 222 + 390 \\
 906 &:= 2^2 + 15^2 + 26^2 + 47^0 = 22 + 152 + 262 + 470 \\
 906 &:= 2^3 + 3^0 + 29^2 + 56^1 = 23 + 30 + 292 + 561 \\
 906 &:= 2^5 + 2^9 + 19^2 + 66^0 = 25 + 29 + 192 + 660 \\
 906 &:= 3^3 + 21^0 + 29^2 + 37^1 = 33 + 210 + 292 + 371 \\
 906 &:= 4^3 + 28^2 + 58^1 = 43 + 282 + 581 \\
 906 &:= 5^3 + 7^0 + 27^2 + 51^1 = 53 + 70 + 272 + 511 \\
 906 &:= 6^3 + 13^1 + 26^2 + 45^0 = 63 + 131 + 262 + 450 \\
 906 &:= 7^1 + 9^3 + 13^2 + 61^0 = 71 + 93 + 132 + 610 \\
 906 &:= 7^3 + 23^2 + 27^0 + 33^1 = 73 + 232 + 270 + 331 \\
 906 &:= 8^2 + 20^2 + 21^2 + 41^0 = 82 + 202 + 212 + 410 \\
 906 &:= 8^3 + 19^2 + 31^0 + 32^1 = 83 + 192 + 310 + 321 \\
 906 &:= 9^3 + 11^2 + 15^0 + 55^1 = 93 + 112 + 150 + 551 \\
 906 &:= 9^3 + 12^2 + 32^1 + 37^0 = 93 + 122 + 321 + 370 \\
 906 &:= 1^1 + 16^2 + 23^1 + 25^0 + 25^2 = 11 + 162 + 231 + 250 + 252 \\
 906 &:= 1^1 + 20^1 + 20^2 + 22^2 + 27^0 = 11 + 201 + 202 + 222 + 270 \\
 906 &:= 1^1 + 21^2 + 21^2 + 22^1 + 25^0 = 11 + 212 + 212 + 221 + 250 \\
 906 &:= 10^1 + 11^1 + 20^2 + 22^2 + 27^0 = 101 + 111 + 202 + 222 + 270 \\
 906 &:= 10^1 + 12^2 + 19^0 + 22^1 + 27^2 = 101 + 122 + 190 + 221 + 272 \\
 906 &:= 10^1 + 13^1 + 21^2 + 21^2 + 25^0 = 101 + 131 + 212 + 212 + 250 \\
 906 &:= 10^1 + 14^1 + 16^2 + 25^0 + 25^2 = 101 + 141 + 162 + 250 + 252
 \end{aligned}$$

$$\begin{aligned}
 906 &:= 10^1 + 14^2 + 17^0 + 23^1 + 26^2 = 101 + 142 + 170 + 231 + 262 \\
 906 &:= 11^0 + 16^2 + 18^2 + 18^2 + 27^0 = 110 + 162 + 182 + 182 + 270 \\
 906 &:= 11^1 + 12^1 + 21^2 + 21^2 + 25^0 = 111 + 121 + 212 + 212 + 250 \\
 906 &:= 11^1 + 12^2 + 19^0 + 21^1 + 27^2 = 111 + 122 + 190 + 211 + 272 \\
 906 &:= 11^1 + 13^1 + 16^2 + 25^0 + 25^2 = 111 + 131 + 162 + 250 + 252 \\
 906 &:= 11^1 + 14^2 + 17^0 + 22^1 + 26^2 = 111 + 142 + 170 + 221 + 262 \\
 906 &:= 12^0 + 16^2 + 18^2 + 18^2 + 26^0 = 120 + 162 + 182 + 182 + 260 \\
 906 &:= 12^1 + 12^1 + 16^2 + 25^0 + 25^2 = 121 + 121 + 162 + 250 + 252 \\
 906 &:= 12^1 + 12^2 + 19^0 + 20^1 + 27^2 = 121 + 122 + 190 + 201 + 272 \\
 906 &:= 12^1 + 14^2 + 17^0 + 21^1 + 26^2 = 121 + 142 + 170 + 211 + 262 \\
 906 &:= 12^2 + 13^1 + 19^0 + 19^1 + 27^2 = 122 + 131 + 190 + 191 + 272 \\
 906 &:= 12^2 + 14^1 + 18^1 + 19^0 + 27^2 = 122 + 141 + 181 + 190 + 272 \\
 906 &:= 12^2 + 15^1 + 17^1 + 19^0 + 27^2 = 122 + 151 + 171 + 190 + 272 \\
 906 &:= 12^2 + 16^1 + 16^1 + 19^0 + 27^2 = 122 + 161 + 161 + 190 + 272 \\
 906 &:= 13^0 + 16^2 + 18^2 + 18^2 + 25^0 = 130 + 162 + 182 + 182 + 250 \\
 906 &:= 13^1 + 14^2 + 17^0 + 20^1 + 26^2 = 131 + 142 + 170 + 201 + 262 \\
 906 &:= 14^0 + 16^2 + 18^2 + 18^2 + 24^0 = 140 + 162 + 182 + 182 + 240 \\
 906 &:= 14^1 + 14^2 + 17^0 + 19^1 + 26^2 = 141 + 142 + 170 + 191 + 262 \\
 906 &:= 14^2 + 15^1 + 17^0 + 18^1 + 26^2 = 142 + 151 + 170 + 181 + 262 \\
 906 &:= 14^2 + 16^1 + 17^0 + 17^1 + 26^2 = 142 + 161 + 170 + 171 + 262 \\
 906 &:= 15^0 + 16^2 + 18^2 + 18^2 + 23^0 = 150 + 162 + 182 + 182 + 230 \\
 906 &:= 16^0 + 16^2 + 18^2 + 18^2 + 22^0 = 160 + 162 + 182 + 182 + 220 \\
 906 &:= 16^2 + 17^0 + 18^2 + 18^2 + 21^0 = 162 + 170 + 182 + 182 + 210 \\
 906 &:= 16^2 + 18^0 + 18^2 + 18^2 + 20^0 = 162 + 180 + 182 + 182 + 200 \\
 906 &:= 16^2 + 18^2 + 18^2 + 19^0 + 19^0 = 162 + 182 + 182 + 190 + 190 \\
 906 &:= 2^1 + 16^2 + 22^1 + 25^0 + 25^2 = 21 + 162 + 221 + 250 + 252
 \end{aligned}$$

$$\begin{aligned}
 906 &:= 2^1 + 19^1 + 20^2 + 22^2 + 27^0 = 21 + 191 + 202 + 222 + 270 \\
 906 &:= 2^1 + 21^1 + 21^2 + 21^2 + 25^0 = 21 + 211 + 212 + 212 + 250 \\
 906 &:= 2^2 + 18^2 + 19^0 + 24^2 + 27^0 = 22 + 182 + 190 + 242 + 270 \\
 906 &:= 2^2 + 18^2 + 20^0 + 24^2 + 26^0 = 22 + 182 + 200 + 242 + 260 \\
 906 &:= 2^2 + 18^2 + 21^0 + 24^2 + 25^0 = 22 + 182 + 210 + 242 + 250 \\
 906 &:= 2^2 + 18^2 + 22^0 + 24^0 + 24^2 = 22 + 182 + 220 + 240 + 242 \\
 906 &:= 2^2 + 18^2 + 23^0 + 23^0 + 24^2 = 22 + 182 + 230 + 230 + 242 \\
 906 &:= 3^1 + 16^2 + 21^1 + 25^0 + 25^2 = 31 + 162 + 211 + 250 + 252 \\
 906 &:= 3^1 + 18^1 + 20^2 + 22^2 + 27^0 = 31 + 181 + 202 + 222 + 270 \\
 906 &:= 3^1 + 20^1 + 21^2 + 21^2 + 25^0 = 31 + 201 + 212 + 212 + 250 \\
 906 &:= 4^1 + 16^2 + 20^1 + 25^0 + 25^2 = 41 + 162 + 201 + 250 + 252 \\
 906 &:= 4^1 + 17^1 + 20^2 + 22^2 + 27^0 = 41 + 171 + 202 + 222 + 270 \\
 906 &:= 4^1 + 19^1 + 21^2 + 21^2 + 25^0 = 41 + 191 + 212 + 212 + 250 \\
 906 &:= 5^1 + 12^2 + 19^0 + 27^1 + 27^2 = 51 + 122 + 190 + 271 + 272 \\
 906 &:= 5^1 + 16^1 + 20^2 + 22^2 + 27^0 = 51 + 161 + 202 + 222 + 270 \\
 906 &:= 5^1 + 16^2 + 19^1 + 25^0 + 25^2 = 51 + 162 + 191 + 250 + 252 \\
 906 &:= 5^1 + 18^1 + 21^2 + 21^2 + 25^0 = 51 + 181 + 212 + 212 + 250 \\
 906 &:= 6^1 + 12^2 + 19^0 + 26^1 + 27^2 = 61 + 122 + 190 + 261 + 272 \\
 906 &:= 6^1 + 14^2 + 17^0 + 26^2 + 27^1 = 61 + 142 + 170 + 262 + 271 \\
 906 &:= 6^1 + 15^1 + 20^2 + 22^2 + 27^0 = 61 + 151 + 202 + 222 + 270 \\
 906 &:= 6^1 + 16^2 + 18^1 + 25^0 + 25^2 = 61 + 162 + 181 + 250 + 252 \\
 906 &:= 6^1 + 17^1 + 21^2 + 21^2 + 25^0 = 61 + 171 + 212 + 212 + 250 \\
 906 &:= 6^3 + 12^1 + 19^0 + 26^2 + 27^0 = 63 + 121 + 190 + 262 + 270 \\
 906 &:= 6^3 + 12^1 + 20^0 + 26^0 + 26^2 = 63 + 121 + 200 + 260 + 262 \\
 906 &:= 6^3 + 12^1 + 21^0 + 25^0 + 26^2 = 63 + 121 + 210 + 250 + 262 \\
 906 &:= 6^3 + 12^1 + 22^0 + 24^0 + 26^2 = 63 + 121 + 220 + 240 + 262
 \end{aligned}$$

$$\begin{aligned}
 906 &:= 6^3 + 12^1 + 23^0 + 23^0 + 26^2 = 63 + 121 + 230 + 230 + 262 \\
 906 &:= 7^1 + 12^2 + 19^0 + 25^1 + 27^2 = 71 + 122 + 190 + 251 + 272 \\
 906 &:= 7^1 + 14^1 + 20^2 + 22^2 + 27^0 = 71 + 141 + 202 + 222 + 270 \\
 906 &:= 7^1 + 14^2 + 17^0 + 26^1 + 26^2 = 71 + 142 + 170 + 261 + 262 \\
 906 &:= 7^1 + 16^1 + 21^2 + 21^2 + 25^0 = 71 + 161 + 212 + 212 + 250 \\
 906 &:= 7^1 + 16^2 + 17^1 + 25^0 + 25^2 = 71 + 162 + 171 + 250 + 252 \\
 906 &:= 8^1 + 12^2 + 19^0 + 24^1 + 27^2 = 81 + 122 + 190 + 241 + 272 \\
 906 &:= 8^1 + 13^1 + 20^2 + 22^2 + 27^0 = 81 + 131 + 202 + 222 + 270 \\
 906 &:= 8^1 + 14^2 + 17^0 + 25^1 + 26^2 = 81 + 142 + 170 + 251 + 262 \\
 906 &:= 8^1 + 15^1 + 21^2 + 21^2 + 25^0 = 81 + 151 + 212 + 212 + 250 \\
 906 &:= 8^1 + 16^1 + 16^2 + 25^0 + 25^2 = 81 + 161 + 162 + 250 + 252 \\
 906 &:= 9^0 + 13^1 + 17^2 + 24^2 + 27^1 = 90 + 131 + 172 + 242 + 271 \\
 906 &:= 9^0 + 14^1 + 17^2 + 24^2 + 26^1 = 90 + 141 + 172 + 242 + 261 \\
 906 &:= 9^0 + 15^1 + 17^2 + 24^2 + 25^1 = 90 + 151 + 172 + 242 + 251 \\
 906 &:= 9^0 + 16^1 + 17^2 + 24^1 + 24^2 = 90 + 161 + 172 + 241 + 242 \\
 906 &:= 9^0 + 17^1 + 17^2 + 23^1 + 24^2 = 90 + 171 + 172 + 231 + 242 \\
 906 &:= 9^0 + 17^2 + 18^1 + 22^1 + 24^2 = 90 + 172 + 181 + 221 + 242 \\
 906 &:= 9^0 + 17^2 + 19^1 + 21^1 + 24^2 = 90 + 172 + 191 + 211 + 242 \\
 906 &:= 9^0 + 17^2 + 20^1 + 20^1 + 24^2 = 90 + 172 + 201 + 201 + 242 \\
 906 &:= 9^1 + 12^1 + 20^2 + 22^2 + 27^0 = 91 + 121 + 202 + 222 + 270 \\
 906 &:= 9^1 + 12^2 + 19^0 + 23^1 + 27^2 = 91 + 122 + 190 + 231 + 272 \\
 906 &:= 9^1 + 14^1 + 21^2 + 21^2 + 25^0 = 91 + 141 + 212 + 212 + 250 \\
 906 &:= 9^1 + 14^2 + 17^0 + 24^1 + 26^2 = 91 + 142 + 170 + 241 + 262 \\
 906 &:= 9^1 + 15^1 + 16^2 + 25^0 + 25^2 = 91 + 151 + 162 + 250 + 252
 \end{aligned}$$

2.2.808 Number 907

$$\begin{aligned}
 907 &:= 1^2 + 4^3 + 29^2 + 56^0 = 12 + 43 + 292 + 560 \\
 907 &:= 1^3 + 11^2 + 28^2 + 50^0 = 13 + 112 + 282 + 500 \\
 907 &:= 1^3 + 8^2 + 29^2 + 52^0 = 13 + 82 + 292 + 520 \\
 907 &:= 1^4 + 5^1 + 30^2 + 54^0 = 14 + 51 + 302 + 540 \\
 907 &:= 1^8 + 2^6 + 28^2 + 58^1 = 18 + 26 + 282 + 581 \\
 907 &:= 1^9 + 2^6 + 29^2 + 57^0 = 19 + 26 + 292 + 570 \\
 907 &:= 2^3 + 13^2 + 27^2 + 48^0 = 23 + 132 + 272 + 480 \\
 907 &:= 2^4 + 10^0 + 29^2 + 49^1 = 24 + 100 + 292 + 491 \\
 907 &:= 3^4 + 18^0 + 28^2 + 41^1 = 34 + 180 + 282 + 411 \\
 907 &:= 4^4 + 25^1 + 25^2 + 36^0 = 44 + 251 + 252 + 360
 \end{aligned}$$

$$\begin{aligned}
 907 &:= 5^3 + 9^3 + 24^0 + 52^1 = 53 + 93 + 240 + 521 \\
 907 &:= 5^4 + 14^0 + 15^2 + 56^1 = 54 + 140 + 152 + 561 \\
 907 &:= 5^4 + 16^2 + 25^1 + 44^0 = 54 + 162 + 251 + 440 \\
 907 &:= 7^3 + 8^3 + 24^0 + 51^1 = 73 + 83 + 240 + 511 \\
 907 &:= 8^3 + 13^2 + 15^2 + 54^0 = 83 + 132 + 152 + 540 \\
 907 &:= 1^2 + 16^2 + 24^0 + 24^1 + 25^2 = 12 + 162 + 240 + 241 + 252 \\
 907 &:= 1^2 + 20^2 + 21^1 + 22^2 + 26^0 = 12 + 202 + 211 + 222 + 260 \\
 907 &:= 1^2 + 21^2 + 21^2 + 23^1 + 24^0 = 12 + 212 + 212 + 231 + 240 \\
 907 &:= 10^2 + 16^2 + 20^0 + 21^1 + 23^2 = 102 + 162 + 200 + 211 + 232 \\
 907 &:= 11^2 + 12^2 + 16^1 + 25^2 + 26^0 = 112 + 122 + 161 + 252 + 260
 \end{aligned}$$

$$\begin{aligned} 907 &:= 11^2 + 16^0 + 19^2 + 20^2 + 24^1 = 112 + 160 + 192 + 202 + 241 & 907 &:= 5^4 + 16^2 + 22^0 + 23^0 + 24^1 = 54 + 162 + 220 + 230 + 241 \\ 907 &:= 11^2 + 18^2 + 20^0 + 20^1 + 21^2 = 112 + 182 + 200 + 201 + 212 & 907 &:= 6^2 + 11^2 + 20^1 + 26^0 + 27^2 = 62 + 112 + 201 + 260 + 272 \\ 907 &:= 12^2 + 13^2 + 17^1 + 24^0 + 24^2 = 122 + 132 + 171 + 240 + 242 & 907 &:= 6^2 + 13^2 + 20^0 + 25^1 + 26^2 = 62 + 132 + 200 + 251 + 262 \\ 907 &:= 12^2 + 16^2 + 18^0 + 22^1 + 22^2 = 122 + 162 + 180 + 221 + 222 & 907 &:= 6^2 + 15^2 + 20^1 + 24^0 + 25^2 = 62 + 152 + 201 + 240 + 252 \\ 907 &:= 13^1 + 13^2 + 18^2 + 20^2 + 26^0 = 131 + 132 + 182 + 202 + 260 & 907 &:= 6^2 + 17^1 + 18^2 + 23^2 + 26^0 = 62 + 171 + 182 + 232 + 260 \\ 907 &:= 13^1 + 14^2 + 16^2 + 21^2 + 26^0 = 131 + 142 + 162 + 212 + 260 & 907 &:= 6^2 + 18^0 + 19^2 + 22^2 + 25^1 = 62 + 180 + 192 + 222 + 251 \\ 907 &:= 13^2 + 15^1 + 19^2 + 19^2 + 24^0 = 132 + 151 + 192 + 192 + 240 & 907 &:= 6^3 + 17^2 + 20^0 + 20^2 + 27^0 = 63 + 172 + 200 + 202 + 270 \\ 907 &:= 14^0 + 14^2 + 18^2 + 19^2 + 25^1 = 140 + 142 + 182 + 192 + 251 & 907 &:= 6^3 + 17^2 + 20^2 + 21^0 + 26^0 = 63 + 172 + 202 + 210 + 260 \\ 907 &:= 14^0 + 15^2 + 16^2 + 20^2 + 25^1 = 140 + 152 + 162 + 202 + 251 & 907 &:= 6^3 + 17^2 + 20^2 + 22^0 + 25^0 = 63 + 172 + 202 + 220 + 250 \\ 907 &:= 14^2 + 17^2 + 18^0 + 20^2 + 21^1 = 142 + 172 + 180 + 202 + 211 & 907 &:= 6^3 + 17^2 + 20^2 + 23^0 + 24^0 = 63 + 172 + 202 + 230 + 240 \\ 907 &:= 15^1 + 15^2 + 15^2 + 21^2 + 24^0 = 151 + 152 + 152 + 212 + 240 & 907 &:= 6^3 + 8^2 + 24^0 + 25^2 + 27^0 = 63 + 82 + 240 + 252 + 270 \\ 907 &:= 2^2 + 16^2 + 21^1 + 25^2 + 26^0 = 22 + 162 + 211 + 252 + 260 & 907 &:= 6^3 + 8^2 + 25^0 + 25^2 + 26^0 = 63 + 82 + 250 + 252 + 260 \\ 907 &:= 2^2 + 20^1 + 21^2 + 21^2 + 26^0 = 22 + 201 + 212 + 212 + 260 & 907 &:= 7^1 + 7^3 + 23^2 + 26^0 + 27^1 = 71 + 73 + 232 + 260 + 271 \\ 907 &:= 3^2 + 12^2 + 24^0 + 24^1 + 27^2 = 32 + 122 + 240 + 241 + 272 & 907 &:= 7^2 + 16^1 + 20^2 + 21^2 + 26^0 = 72 + 161 + 202 + 212 + 260 \\ 907 &:= 3^2 + 14^2 + 22^0 + 25^1 + 26^2 = 32 + 142 + 220 + 251 + 262 & 907 &:= 7^2 + 16^2 + 18^0 + 24^2 + 25^1 = 72 + 162 + 180 + 242 + 251 \\ 907 &:= 4^2 + 17^2 + 20^0 + 24^2 + 25^1 = 42 + 172 + 200 + 242 + 251 & 907 &:= 7^3 + 10^1 + 23^2 + 24^1 + 26^0 = 73 + 101 + 232 + 241 + 260 \\ 907 &:= 4^3 + 18^0 + 20^2 + 21^2 + 27^0 = 43 + 180 + 202 + 212 + 270 & 907 &:= 7^3 + 11^1 + 23^1 + 23^2 + 26^0 = 73 + 111 + 231 + 232 + 260 \\ 907 &:= 4^3 + 19^0 + 20^2 + 21^2 + 26^0 = 43 + 190 + 202 + 212 + 260 & 907 &:= 7^3 + 11^2 + 21^2 + 24^0 + 27^0 = 73 + 112 + 212 + 240 + 270 \\ 907 &:= 4^3 + 20^0 + 20^2 + 21^2 + 25^0 = 43 + 200 + 202 + 212 + 250 & 907 &:= 7^3 + 11^2 + 21^2 + 25^0 + 26^0 = 73 + 112 + 212 + 250 + 260 \\ 907 &:= 4^3 + 20^2 + 21^0 + 21^2 + 24^0 = 43 + 202 + 210 + 212 + 240 & 907 &:= 7^3 + 12^1 + 22^1 + 23^2 + 26^0 = 73 + 121 + 221 + 232 + 260 \\ 907 &:= 4^3 + 20^2 + 21^2 + 22^0 + 23^0 = 43 + 202 + 212 + 220 + 230 & 907 &:= 7^3 + 13^1 + 21^1 + 23^2 + 26^0 = 73 + 131 + 211 + 232 + 260 \\ 907 &:= 4^4 + 10^0 + 24^1 + 25^2 + 27^0 = 44 + 100 + 241 + 252 + 270 & 907 &:= 7^3 + 14^1 + 20^1 + 23^2 + 26^0 = 73 + 141 + 201 + 232 + 260 \\ 907 &:= 4^4 + 11^0 + 24^1 + 25^2 + 26^0 = 44 + 110 + 241 + 252 + 260 & 907 &:= 7^3 + 15^1 + 19^1 + 23^2 + 26^0 = 73 + 151 + 191 + 232 + 260 \\ 907 &:= 4^4 + 12^0 + 24^1 + 25^0 + 25^2 = 44 + 120 + 241 + 250 + 252 & 907 &:= 7^3 + 16^1 + 18^1 + 23^2 + 26^0 = 73 + 161 + 181 + 232 + 260 \\ 907 &:= 4^4 + 13^0 + 24^0 + 24^1 + 25^2 = 44 + 130 + 240 + 241 + 252 & 907 &:= 7^3 + 17^1 + 17^1 + 23^2 + 26^0 = 73 + 171 + 171 + 232 + 260 \\ 907 &:= 4^4 + 14^0 + 23^0 + 24^1 + 25^2 = 44 + 140 + 230 + 241 + 252 & 907 &:= 7^3 + 8^1 + 23^2 + 26^0 + 26^1 = 73 + 81 + 232 + 260 + 261 \\ 907 &:= 4^4 + 15^0 + 22^0 + 24^1 + 25^2 = 44 + 150 + 220 + 241 + 252 & 907 &:= 7^3 + 9^1 + 23^2 + 25^1 + 26^0 = 73 + 91 + 232 + 251 + 260 \\ 907 &:= 4^4 + 16^0 + 21^0 + 24^1 + 25^2 = 44 + 160 + 210 + 241 + 252 & 907 &:= 8^2 + 12^2 + 22^0 + 22^1 + 26^2 = 82 + 122 + 220 + 221 + 262 \\ 907 &:= 4^4 + 17^0 + 20^0 + 24^1 + 25^2 = 44 + 170 + 200 + 241 + 252 & 907 &:= 8^2 + 14^2 + 21^1 + 22^0 + 25^2 = 82 + 142 + 211 + 220 + 252 \\ 907 &:= 4^4 + 18^0 + 19^0 + 24^1 + 25^2 = 44 + 180 + 190 + 241 + 252 & 907 &:= 8^2 + 17^2 + 18^0 + 23^2 + 24^1 = 82 + 172 + 180 + 232 + 241 \\ 907 &:= 5^3 + 6^0 + 25^1 + 27^1 + 27^2 = 53 + 60 + 251 + 271 + 272 & 907 &:= 9^2 + 15^2 + 18^0 + 24^1 + 24^2 = 92 + 152 + 180 + 241 + 242 \\ 907 &:= 5^3 + 6^0 + 26^1 + 26^1 + 27^2 = 53 + 60 + 261 + 261 + 272 & 907 &:= 9^2 + 16^0 + 20^2 + 20^2 + 25^1 = 92 + 160 + 202 + 202 + 251 \\ 907 &:= 5^4 + 16^2 + 18^0 + 24^1 + 27^0 = 54 + 162 + 180 + 241 + 270 & 907 &:= 9^2 + 17^1 + 18^2 + 22^2 + 24^0 = 92 + 171 + 182 + 222 + 240 \\ 907 &:= 5^4 + 16^2 + 19^0 + 24^1 + 26^0 = 54 + 162 + 190 + 241 + 260 & 907 &:= 9^2 + 18^0 + 19^2 + 21^2 + 23^1 = 92 + 180 + 192 + 212 + 231 \\ 907 &:= 5^4 + 16^2 + 20^0 + 24^1 + 25^0 = 54 + 162 + 200 + 241 + 250 \\ 907 &:= 5^4 + 16^2 + 21^0 + 24^0 + 24^1 = 54 + 162 + 210 + 240 + 241 \end{aligned}$$

2.2.809 Number 908

$$\begin{aligned} 908 &:= 1^2 + 2^3 + 29^2 + 58^1 &= 12 + 23 + 292 + 581 & 908 &:= 13^2 + 13^2 + 15^1 + 23^2 + 26^1 = 132 + 132 + 151 + 232 + 261 \\ 908 &:= 1^3 + 3^2 + 29^2 + 57^1 &= 13 + 32 + 292 + 571 & 908 &:= 13^2 + 13^2 + 16^1 + 23^2 + 25^1 = 132 + 132 + 161 + 232 + 251 \\ 908 &:= 1^5 + 6^1 + 30^2 + 53^0 &= 15 + 61 + 302 + 530 & 908 &:= 13^2 + 13^2 + 17^1 + 23^2 + 24^1 = 132 + 132 + 171 + 232 + 241 \\ 908 &:= 2^2 + 4^3 + 28^2 + 56^1 &= 22 + 43 + 282 + 561 & 908 &:= 13^2 + 13^2 + 18^1 + 23^1 + 23^2 = 132 + 132 + 181 + 231 + 232 \\ 908 &:= 2^3 + 11^2 + 27^2 + 50^1 &= 23 + 112 + 272 + 501 & 908 &:= 13^2 + 13^2 + 19^1 + 22^1 + 23^2 = 132 + 132 + 191 + 221 + 232 \\ 908 &:= 2^3 + 18^2 + 23^2 + 47^1 &= 23 + 182 + 232 + 471 & 908 &:= 13^2 + 13^2 + 20^1 + 21^1 + 23^2 = 132 + 132 + 201 + 211 + 232 \\ 908 &:= 2^3 + 8^2 + 28^2 + 52^1 &= 23 + 82 + 282 + 521 & 908 &:= 14^1 + 16^2 + 17^2 + 18^2 + 25^1 = 141 + 162 + 172 + 182 + 251 \\ 908 &:= 2^5 + 25^0 + 29^2 + 34^1 &= 25 + 250 + 292 + 341 & 908 &:= 15^1 + 16^2 + 17^2 + 18^2 + 24^1 = 151 + 162 + 172 + 182 + 241 \\ 908 &:= 3^5 + 23^0 + 25^2 + 39^1 &= 35 + 230 + 252 + 391 & 908 &:= 16^1 + 16^2 + 17^2 + 18^2 + 23^1 = 161 + 162 + 172 + 182 + 231 \\ 908 &:= 4^3 + 8^2 + 27^2 + 51^1 &= 43 + 82 + 272 + 511 & 908 &:= 16^2 + 17^1 + 17^2 + 18^2 + 22^1 = 162 + 171 + 172 + 182 + 221 \\ 908 &:= 5^2 + 7^3 + 22^2 + 56^1 &= 52 + 73 + 222 + 561 & 908 &:= 16^2 + 17^2 + 18^1 + 18^2 + 21^1 = 162 + 172 + 181 + 182 + 211 \\ 908 &:= 5^4 + 6^3 + 13^0 + 66^1 &= 54 + 63 + 130 + 661 & 908 &:= 16^2 + 17^2 + 18^2 + 19^1 + 20^1 = 162 + 172 + 182 + 191 + 201 \\ 908 &:= 6^3 + 8^2 + 24^2 + 52^1 &= 63 + 82 + 242 + 521 & 908 &:= 2^3 + 12^2 + 23^0 + 26^1 + 27^2 = 23 + 122 + 230 + 261 + 272 \\ 908 &:= 7^2 + 8^2 + 9^3 + 66^1 &= 72 + 82 + 93 + 661 & 908 &:= 2^3 + 14^2 + 21^0 + 26^2 + 27^1 = 23 + 142 + 210 + 262 + 271 \\ 908 &:= 7^2 + 8^3 + 17^2 + 58^1 &= 72 + 83 + 172 + 581 & 908 &:= 2^4 + 19^0 + 19^2 + 23^2 + 27^0 = 24 + 190 + 192 + 232 + 270 \\ 908 &:= 7^3 + 15^2 + 17^2 + 51^1 &= 73 + 152 + 172 + 511 & 908 &:= 2^4 + 19^2 + 20^0 + 23^2 + 26^0 = 24 + 192 + 200 + 232 + 260 \\ 908 &:= 8^3 + 12^2 + 14^2 + 56^1 &= 83 + 122 + 142 + 561 & 908 &:= 2^4 + 19^2 + 21^0 + 23^2 + 25^0 = 24 + 192 + 210 + 232 + 250 \\ 908 &:= 1^3 + 16^2 + 23^0 + 25^1 + 25^2 &= 13 + 162 + 230 + 251 + 252 & 908 &:= 2^4 + 19^2 + 22^0 + 23^2 + 24^0 = 24 + 192 + 220 + 232 + 240 \\ 908 &:= 1^3 + 20^2 + 22^1 + 22^2 + 25^0 &= 13 + 202 + 221 + 222 + 250 & 908 &:= 2^4 + 19^2 + 23^0 + 23^0 + 23^2 = 24 + 192 + 230 + 230 + 232 \\ 908 &:= 1^3 + 21^2 + 21^2 + 23^0 + 24^1 &= 13 + 212 + 212 + 230 + 241 & 908 &:= 3^2 + 11^2 + 22^1 + 27^1 + 27^2 = 32 + 112 + 221 + 271 + 272 \\ 908 &:= 11^2 + 13^2 + 15^1 + 24^2 + 27^1 &= 112 + 132 + 151 + 242 + 271 & 908 &:= 3^2 + 11^2 + 23^1 + 26^1 + 27^2 = 32 + 112 + 231 + 261 + 272 \\ 908 &:= 11^2 + 13^2 + 16^1 + 24^2 + 26^1 &= 112 + 132 + 161 + 242 + 261 & 908 &:= 3^2 + 11^2 + 24^1 + 25^1 + 27^2 = 32 + 112 + 241 + 251 + 272 \\ 908 &:= 11^2 + 13^2 + 17^1 + 24^2 + 25^1 &= 112 + 132 + 171 + 242 + 251 & 908 &:= 3^2 + 18^2 + 19^1 + 23^2 + 27^1 = 32 + 182 + 191 + 232 + 271 \\ 908 &:= 11^2 + 13^2 + 18^1 + 24^1 + 24^2 &= 112 + 132 + 181 + 241 + 242 & 908 &:= 3^2 + 18^2 + 20^1 + 23^2 + 26^1 = 32 + 182 + 201 + 232 + 261 \\ 908 &:= 11^2 + 13^2 + 19^1 + 23^1 + 24^2 &= 112 + 132 + 191 + 231 + 242 & 908 &:= 3^2 + 18^2 + 21^1 + 23^2 + 25^1 = 32 + 182 + 211 + 232 + 251 \\ 908 &:= 11^2 + 13^2 + 20^1 + 22^1 + 24^2 &= 112 + 132 + 201 + 221 + 242 & 908 &:= 3^2 + 18^2 + 22^1 + 23^2 + 24^1 = 32 + 182 + 221 + 232 + 241 \\ 908 &:= 11^2 + 13^2 + 21^1 + 21^1 + 24^2 &= 112 + 132 + 211 + 211 + 242 & 908 &:= 3^2 + 18^2 + 23^1 + 23^1 + 23^2 = 32 + 182 + 231 + 231 + 232 \\ 908 &:= 12^1 + 16^2 + 17^2 + 18^2 + 27^1 &= 121 + 162 + 172 + 182 + 271 & 908 &:= 3^3 + 18^2 + 19^0 + 23^2 + 27^1 = 33 + 182 + 190 + 232 + 271 \\ 908 &:= 12^2 + 13^1 + 18^2 + 20^2 + 27^1 &= 122 + 131 + 182 + 202 + 271 & 908 &:= 4^2 + 13^2 + 20^1 + 26^2 + 27^1 = 42 + 132 + 201 + 262 + 271 \\ 908 &:= 12^2 + 14^1 + 18^2 + 20^2 + 26^1 &= 122 + 141 + 182 + 202 + 261 & 908 &:= 4^2 + 13^2 + 21^1 + 26^1 + 26^2 = 42 + 132 + 211 + 261 + 262 \\ 908 &:= 12^2 + 15^1 + 18^2 + 20^2 + 25^1 &= 122 + 151 + 182 + 202 + 251 & 908 &:= 4^2 + 13^2 + 22^1 + 25^1 + 26^2 = 42 + 132 + 221 + 251 + 262 \\ 908 &:= 12^2 + 16^1 + 18^2 + 20^2 + 24^1 &= 122 + 161 + 182 + 202 + 241 & 908 &:= 4^2 + 13^2 + 23^1 + 24^1 + 26^2 = 42 + 132 + 231 + 241 + 262 \\ 908 &:= 12^2 + 17^1 + 18^2 + 20^2 + 23^1 &= 122 + 171 + 182 + 202 + 231 & 908 &:= 4^3 + 12^2 + 23^1 + 25^0 + 26^2 = 43 + 122 + 231 + 250 + 262 \\ 908 &:= 12^2 + 18^1 + 18^2 + 20^2 + 22^1 &= 122 + 181 + 182 + 202 + 221 & 908 &:= 4^3 + 14^2 + 22^1 + 25^0 + 25^2 = 43 + 142 + 221 + 250 + 252 \\ 908 &:= 12^2 + 18^2 + 19^1 + 20^2 + 21^1 &= 122 + 182 + 191 + 202 + 211 & 908 &:= 4^3 + 17^2 + 21^0 + 23^2 + 25^1 = 43 + 172 + 210 + 232 + 251 \\ 908 &:= 12^2 + 18^2 + 20^1 + 20^1 + 20^2 &= 122 + 182 + 201 + 201 + 202 & 908 &:= 4^4 + 11^2 + 23^2 + 25^0 + 27^0 = 44 + 112 + 232 + 250 + 270 \\ 908 &:= 13^1 + 16^2 + 17^2 + 18^2 + 26^1 &= 131 + 162 + 172 + 182 + 261 & 908 &:= 4^4 + 11^2 + 23^2 + 26^0 + 26^0 = 44 + 112 + 232 + 260 + 260 \\ 908 &:= 13^2 + 13^2 + 14^1 + 23^2 + 27^1 &= 132 + 132 + 141 + 232 + 271 & 908 &:= 4^4 + 17^2 + 19^2 + 23^0 + 27^0 = 44 + 172 + 192 + 230 + 270 \end{aligned}$$

$$\begin{aligned}
 908 &:= 4^4 + 17^2 + 19^2 + 24^0 + 26^0 = 44 + 172 + 192 + 240 + 260 \\
 908 &:= 4^4 + 17^2 + 19^2 + 25^0 + 25^0 = 44 + 172 + 192 + 250 + 250 \\
 908 &:= 5^3 + 19^2 + 20^2 + 21^1 + 25^0 = 53 + 192 + 202 + 211 + 250 \\
 908 &:= 5^3 + 9^2 + 25^0 + 25^1 + 26^2 = 53 + 92 + 250 + 251 + 262 \\
 908 &:= 5^3 + 9^3 + 23^0 + 26^1 + 27^1 = 53 + 93 + 230 + 261 + 271 \\
 908 &:= 6^3 + 15^2 + 21^2 + 23^0 + 25^1 = 63 + 152 + 212 + 230 + 251 \\
 908 &:= 7^3 + 8^3 + 23^0 + 25^1 + 27^1 = 73 + 83 + 230 + 251 + 271 \\
 908 &:= 7^3 + 8^3 + 23^0 + 26^1 + 26^1 = 73 + 83 + 230 + 261 + 261 \\
 908 &:= 8^2 + 15^1 + 19^2 + 21^2 + 27^1 = 82 + 151 + 192 + 212 + 271 \\
 908 &:= 8^2 + 15^2 + 16^1 + 24^2 + 27^1 = 82 + 152 + 161 + 242 + 271 \\
 908 &:= 8^2 + 15^2 + 17^1 + 24^2 + 26^1 = 82 + 152 + 171 + 242 + 261 \\
 908 &:= 8^2 + 15^2 + 18^1 + 24^2 + 25^1 = 82 + 152 + 181 + 242 + 251 \\
 908 &:= 8^2 + 15^2 + 19^1 + 24^1 + 24^2 = 82 + 152 + 191 + 241 + 242 \\
 908 &:= 8^2 + 15^2 + 20^1 + 23^1 + 24^2 = 82 + 152 + 201 + 231 + 242 \\
 908 &:= 8^2 + 15^2 + 21^1 + 22^1 + 24^2 = 82 + 152 + 211 + 221 + 242
 \end{aligned}$$

$$\begin{aligned}
 908 &:= 8^2 + 16^1 + 19^2 + 21^2 + 26^1 = 82 + 161 + 192 + 212 + 261 \\
 908 &:= 8^2 + 17^1 + 19^2 + 21^2 + 25^1 = 82 + 171 + 192 + 212 + 251 \\
 908 &:= 8^2 + 18^1 + 19^2 + 21^2 + 24^1 = 82 + 181 + 192 + 212 + 241 \\
 908 &:= 8^2 + 19^1 + 19^2 + 21^2 + 23^1 = 82 + 191 + 192 + 212 + 231 \\
 908 &:= 8^2 + 19^2 + 20^1 + 21^2 + 22^1 = 82 + 192 + 201 + 212 + 221 \\
 908 &:= 8^2 + 19^2 + 21^1 + 21^1 + 21^2 = 82 + 192 + 211 + 211 + 212 \\
 908 &:= 9^2 + 15^1 + 16^2 + 23^2 + 27^1 = 92 + 151 + 162 + 232 + 271 \\
 908 &:= 9^2 + 16^1 + 16^2 + 23^2 + 26^1 = 92 + 161 + 162 + 232 + 261 \\
 908 &:= 9^2 + 16^2 + 17^1 + 23^2 + 25^1 = 92 + 162 + 171 + 232 + 251 \\
 908 &:= 9^2 + 16^2 + 18^1 + 23^2 + 24^1 = 92 + 162 + 181 + 232 + 241 \\
 908 &:= 9^2 + 16^2 + 19^1 + 23^1 + 23^2 = 92 + 162 + 191 + 231 + 232 \\
 908 &:= 9^2 + 16^2 + 20^1 + 22^1 + 23^2 = 92 + 162 + 201 + 221 + 232 \\
 908 &:= 9^2 + 16^2 + 21^1 + 21^1 + 23^2 = 92 + 162 + 211 + 211 + 232
 \end{aligned}$$

2.2.810 Number 909

$$\begin{aligned}
 909 &:= 1^6 + 7^1 + 30^2 + 52^0 = 16 + 71 + 302 + 520 \\
 909 &:= 2^4 + 6^3 + 26^2 + 56^0 = 24 + 63 + 262 + 560 \\
 909 &:= 2^6 + 3^1 + 29^2 + 56^0 = 26 + 31 + 292 + 560 \\
 909 &:= 3^3 + 4^4 + 25^2 + 58^0 = 33 + 44 + 252 + 580 \\
 909 &:= 3^3 + 5^4 + 16^2 + 66^0 = 33 + 54 + 162 + 660 \\
 909 &:= 3^4 + 7^3 + 22^2 + 58^0 = 34 + 73 + 222 + 580 \\
 909 &:= 3^6 + 10^1 + 13^2 + 64^0 = 36 + 101 + 132 + 640 \\
 909 &:= 3^6 + 11^2 + 18^0 + 58^1 = 36 + 112 + 180 + 581 \\
 909 &:= 3^6 + 12^2 + 35^1 + 40^0 = 36 + 122 + 351 + 400 \\
 909 &:= 4^4 + 5^4 + 27^1 + 54^0 = 44 + 54 + 271 + 540 \\
 909 &:= 1^4 + 16^2 + 22^0 + 25^2 + 26^1 = 14 + 162 + 220 + 252 + 261 \\
 909 &:= 1^4 + 20^2 + 22^2 + 23^1 + 24^0 = 14 + 202 + 222 + 231 + 240 \\
 909 &:= 1^4 + 21^2 + 21^2 + 22^0 + 25^1 = 14 + 212 + 212 + 220 + 251 \\
 909 &:= 2^4 + 17^2 + 20^0 + 24^2 + 27^1 = 24 + 172 + 200 + 242 + 271
 \end{aligned}$$

$$\begin{aligned}
 909 &:= 3^4 + 15^2 + 22^0 + 24^2 + 26^1 = 34 + 152 + 220 + 242 + 261 \\
 909 &:= 3^4 + 19^2 + 21^2 + 22^0 + 25^1 = 34 + 192 + 212 + 220 + 251 \\
 909 &:= 3^4 + 20^0 + 20^2 + 20^2 + 27^1 = 34 + 200 + 202 + 202 + 271 \\
 909 &:= 3^5 + 13^1 + 22^0 + 25^2 + 27^1 = 35 + 131 + 220 + 252 + 271 \\
 909 &:= 3^5 + 14^1 + 22^0 + 25^2 + 26^1 = 35 + 141 + 220 + 252 + 261 \\
 909 &:= 3^5 + 15^1 + 22^0 + 25^1 + 25^2 = 35 + 151 + 220 + 251 + 252 \\
 909 &:= 3^5 + 16^1 + 22^0 + 24^1 + 25^2 = 35 + 161 + 220 + 241 + 252 \\
 909 &:= 3^5 + 17^1 + 22^0 + 23^1 + 25^2 = 35 + 171 + 220 + 231 + 252 \\
 909 &:= 3^5 + 18^1 + 22^0 + 22^1 + 25^2 = 35 + 181 + 220 + 221 + 252 \\
 909 &:= 3^5 + 19^1 + 21^1 + 22^0 + 25^2 = 35 + 191 + 211 + 220 + 252 \\
 909 &:= 3^5 + 20^1 + 20^1 + 22^0 + 25^2 = 35 + 201 + 201 + 220 + 252 \\
 909 &:= 4^4 + 15^2 + 20^2 + 24^0 + 27^1 = 44 + 152 + 202 + 240 + 271
 \end{aligned}$$

2.2.811 Number 910

$$\begin{aligned}
 910 &:= 1^5 + 2^3 + 30^2 + 57^0 = 15 + 23 + 302 + 570 \\
 910 &:= 1^7 + 8^1 + 30^2 + 51^0 = 17 + 81 + 302 + 510 \\
 910 &:= 2^2 + 2^6 + 29^2 + 57^0 = 22 + 26 + 292 + 570 \\
 910 &:= 2^6 + 13^2 + 26^2 + 49^0 = 26 + 132 + 262 + 490
 \end{aligned}$$

$$\begin{aligned}
 910 &:= 2^6 + 19^2 + 22^2 + 47^0 = 26 + 192 + 222 + 470 \\
 910 &:= 2^7 + 9^0 + 27^2 + 52^1 = 27 + 90 + 272 + 521 \\
 910 &:= 3^5 + 5^4 + 41^0 + 41^1 = 35 + 54 + 410 + 411 \\
 910 &:= 3^6 + 5^3 + 27^0 + 55^1 = 36 + 53 + 270 + 551
 \end{aligned}$$

$$\begin{aligned}
 910 &:= 3^6 + 6^2 + 12^2 + 69^0 &= 36 + 62 + 122 + 690 \\
 910 &:= 1^5 + 16^2 + 21^0 + 25^2 + 27^1 &= 15 + 162 + 210 + 252 + 271 \\
 910 &:= 1^5 + 20^2 + 22^2 + 23^0 + 24^1 &= 15 + 202 + 222 + 230 + 241 \\
 910 &:= 1^5 + 21^0 + 21^2 + 21^2 + 26^1 &= 15 + 210 + 212 + 212 + 261 \\
 910 &:= 2^4 + 13^2 + 22^1 + 26^2 + 27^1 &= 24 + 132 + 221 + 262 + 271 \\
 910 &:= 2^4 + 13^2 + 23^1 + 26^1 + 26^2 &= 24 + 132 + 231 + 261 + 262
 \end{aligned}$$

$$\begin{aligned}
 910 &:= 2^4 + 13^2 + 24^1 + 25^1 + 26^2 &= 24 + 132 + 241 + 251 + 262 \\
 910 &:= 2^5 + 11^2 + 23^0 + 27^1 + 27^2 &= 25 + 112 + 230 + 271 + 272 \\
 910 &:= 2^5 + 15^2 + 21^0 + 25^2 + 27^1 &= 25 + 152 + 210 + 252 + 271 \\
 910 &:= 2^5 + 18^2 + 23^0 + 23^2 + 24^1 &= 25 + 182 + 230 + 232 + 241
 \end{aligned}$$

2.2.812 Number 911

$$\begin{aligned}
 911 &:= 1^6 + 5^3 + 28^2 + 56^0 &= 16 + 53 + 282 + 560 \\
 911 &:= 1^7 + 3^2 + 30^2 + 56^0 &= 17 + 32 + 302 + 560 \\
 911 &:= 1^8 + 9^1 + 30^2 + 50^0 &= 18 + 91 + 302 + 500 \\
 911 &:= 2^7 + 9^3 + 26^0 + 53^1 &= 27 + 93 + 260 + 531 \\
 911 &:= 2^8 + 25^2 + 29^1 + 34^0 &= 28 + 252 + 291 + 340 \\
 911 &:= 1^6 + 20^0 + 21^2 + 21^2 + 27^1 &= 16 + 200 + 212 + 212 + 271
 \end{aligned}$$

$$\begin{aligned}
 911 &:= 1^6 + 20^2 + 22^0 + 22^2 + 25^1 &= 16 + 202 + 220 + 222 + 251 \\
 911 &:= 2^6 + 12^2 + 24^0 + 26^1 + 26^2 &= 26 + 122 + 240 + 261 + 262 \\
 911 &:= 2^6 + 14^2 + 24^0 + 25^1 + 25^2 &= 26 + 142 + 240 + 251 + 252 \\
 911 &:= 2^7 + 8^0 + 26^1 + 27^1 + 27^2 &= 27 + 80 + 261 + 271 + 272
 \end{aligned}$$

2.2.813 Number 912

$$\begin{aligned}
 912 &:= 1^6 + 5^3 + 27^2 + 57^1 &= 16 + 53 + 272 + 571 \\
 912 &:= 1^9 + 10^1 + 30^2 + 49^0 &= 19 + 101 + 302 + 490 \\
 912 &:= 2^3 + 3^6 + 10^2 + 75^1 &= 23 + 36 + 102 + 751 \\
 912 &:= 2^9 + 19^2 + 31^0 + 38^1 &= 29 + 192 + 310 + 381 \\
 912 &:= 3^3 + 3^6 + 9^2 + 75^1 &= 33 + 36 + 92 + 751 \\
 912 &:= 1^7 + 19^2 + 20^1 + 23^2 + 27^0 &= 17 + 192 + 201 + 232 + 270 \\
 912 &:= 1^7 + 20^2 + 21^0 + 22^2 + 26^1 &= 17 + 202 + 210 + 222 + 261 \\
 912 &:= 2^6 + 11^2 + 24^1 + 26^2 + 27^1 &= 26 + 112 + 241 + 262 + 271 \\
 912 &:= 2^6 + 11^2 + 25^1 + 26^1 + 26^2 &= 26 + 112 + 251 + 261 + 262
 \end{aligned}$$

$$\begin{aligned}
 912 &:= 2^6 + 20^2 + 20^2 + 21^1 + 27^1 &= 26 + 202 + 202 + 211 + 271 \\
 912 &:= 2^6 + 20^2 + 20^2 + 22^1 + 26^1 &= 26 + 202 + 202 + 221 + 261 \\
 912 &:= 2^6 + 20^2 + 20^2 + 23^1 + 25^1 &= 26 + 202 + 202 + 231 + 251 \\
 912 &:= 2^6 + 20^2 + 20^2 + 24^1 + 24^1 &= 26 + 202 + 202 + 241 + 241 \\
 912 &:= 2^7 + 19^2 + 20^2 + 22^1 + 27^0 &= 27 + 192 + 202 + 221 + 270 \\
 912 &:= 2^7 + 9^2 + 26^1 + 26^2 + 27^0 &= 27 + 92 + 261 + 262 + 270 \\
 912 &:= 2^7 + 9^3 + 25^0 + 27^1 + 27^1 &= 27 + 93 + 250 + 271 + 271
 \end{aligned}$$

2.2.814 Number 913

$$\begin{aligned}
 913 &:= 12^1 + 30^2 + 49^0 &= 121 + 302 + 490 \\
 913 &:= 1^0 + 11^1 + 30^2 + 49^0 &= 10 + 111 + 302 + 490 \\
 913 &:= 10^0 + 11^1 + 30^2 + 40^0 &= 100 + 111 + 302 + 400 \\
 913 &:= 11^0 + 11^1 + 30^2 + 39^0 &= 110 + 111 + 302 + 390 \\
 913 &:= 11^1 + 12^0 + 30^2 + 38^0 &= 111 + 120 + 302 + 380 \\
 913 &:= 11^1 + 13^0 + 30^2 + 37^0 &= 111 + 130 + 302 + 370 \\
 913 &:= 11^1 + 14^0 + 30^2 + 36^0 &= 111 + 140 + 302 + 360 \\
 913 &:= 11^1 + 15^0 + 30^2 + 35^0 &= 111 + 150 + 302 + 350 \\
 913 &:= 11^1 + 16^0 + 30^2 + 34^0 &= 111 + 160 + 302 + 340 \\
 913 &:= 11^1 + 17^0 + 30^2 + 33^0 &= 111 + 170 + 302 + 330
 \end{aligned}$$

$$\begin{aligned}
 913 &:= 11^1 + 18^0 + 30^2 + 32^0 &= 111 + 180 + 302 + 320 \\
 913 &:= 11^1 + 19^0 + 30^2 + 31^0 &= 111 + 190 + 302 + 310 \\
 913 &:= 11^1 + 20^0 + 30^0 + 30^2 &= 111 + 200 + 300 + 302 \\
 913 &:= 11^1 + 21^0 + 29^0 + 30^2 &= 111 + 210 + 290 + 302 \\
 913 &:= 11^1 + 22^0 + 28^0 + 30^2 &= 111 + 220 + 280 + 302 \\
 913 &:= 11^1 + 23^0 + 27^0 + 30^2 &= 111 + 230 + 270 + 302 \\
 913 &:= 11^1 + 24^0 + 26^0 + 30^2 &= 111 + 240 + 260 + 302 \\
 913 &:= 11^1 + 25^0 + 25^0 + 30^2 &= 111 + 250 + 250 + 302 \\
 913 &:= 2^0 + 11^1 + 30^2 + 48^0 &= 20 + 111 + 302 + 480 \\
 913 &:= 2^8 + 5^4 + 31^1 + 52^0 &= 28 + 54 + 311 + 520
 \end{aligned}$$

$$\begin{aligned}
 913 &:= 2^8 + 8^3 + 12^2 + 68^0 &= 28 + 83 + 122 + 680 \\
 913 &:= 2^9 + 12^2 + 16^2 + 60^0 &= 29 + 122 + 162 + 600 \\
 913 &:= 2^9 + 7^3 + 24^0 + 57^1 &= 29 + 73 + 240 + 571 \\
 913 &:= 3^0 + 11^1 + 30^2 + 47^0 &= 30 + 111 + 302 + 470 \\
 913 &:= 4^0 + 11^1 + 30^2 + 46^0 &= 40 + 111 + 302 + 460 \\
 913 &:= 5^0 + 11^1 + 30^2 + 45^0 &= 50 + 111 + 302 + 450 \\
 913 &:= 6^0 + 11^1 + 30^2 + 44^0 &= 60 + 111 + 302 + 440
 \end{aligned}$$

$$\begin{aligned}
 913 &:= 7^0 + 11^1 + 30^2 + 43^0 &= 70 + 111 + 302 + 430 \\
 913 &:= 8^0 + 11^1 + 30^2 + 42^0 &= 80 + 111 + 302 + 420 \\
 913 &:= 9^0 + 11^1 + 30^2 + 41^0 &= 90 + 111 + 302 + 410 \\
 913 &:= 1^8 + 19^2 + 21^1 + 23^2 + 26^0 &= 18 + 192 + 211 + 232 + 260 \\
 913 &:= 1^8 + 20^0 + 20^2 + 22^2 + 27^1 &= 18 + 200 + 202 + 222 + 271
 \end{aligned}$$

2.2.815 Number 914

$$\begin{aligned}
 914 &:= 1^1 + 12^1 + 30^2 + 48^0 &= 11 + 121 + 302 + 480 \\
 914 &:= 1^3 + 2^9 + 20^2 + 67^0 &= 13 + 29 + 202 + 670 \\
 914 &:= 1^5 + 2^7 + 28^2 + 59^0 &= 15 + 27 + 282 + 590 \\
 914 &:= 1^9 + 17^2 + 24^2 + 48^1 &= 19 + 172 + 242 + 481 \\
 914 &:= 1^9 + 4^2 + 29^2 + 56^1 &= 19 + 42 + 292 + 561 \\
 914 &:= 1^9 + 8^3 + 20^2 + 61^0 &= 19 + 83 + 202 + 610 \\
 914 &:= 2^1 + 11^1 + 30^2 + 48^0 &= 21 + 111 + 302 + 480 \\
 914 &:= 2^7 + 3^6 + 29^0 + 56^1 &= 27 + 36 + 290 + 561 \\
 914 &:= 2^8 + 3^4 + 24^2 + 61^0 &= 28 + 34 + 242 + 610 \\
 914 &:= 2^9 + 12^2 + 14^2 + 62^1 &= 29 + 122 + 142 + 621 \\
 914 &:= 2^9 + 7^2 + 17^2 + 64^1 &= 29 + 72 + 172 + 641
 \end{aligned}$$

$$\begin{aligned}
 914 &:= 3^1 + 10^1 + 30^2 + 48^0 &= 31 + 101 + 302 + 480 \\
 914 &:= 4^1 + 9^1 + 30^2 + 48^0 &= 41 + 91 + 302 + 480 \\
 914 &:= 5^1 + 8^1 + 30^2 + 48^0 &= 51 + 81 + 302 + 480 \\
 914 &:= 6^1 + 7^1 + 30^2 + 48^0 &= 61 + 71 + 302 + 480 \\
 914 &:= 1^8 + 17^2 + 21^1 + 24^2 + 27^1 &= 18 + 172 + 211 + 242 + 271 \\
 914 &:= 1^8 + 17^2 + 22^1 + 24^2 + 26^1 &= 18 + 172 + 221 + 242 + 261 \\
 914 &:= 1^8 + 17^2 + 23^1 + 24^2 + 25^1 &= 18 + 172 + 231 + 242 + 251 \\
 914 &:= 1^8 + 17^2 + 24^1 + 24^1 + 24^2 &= 18 + 172 + 241 + 241 + 242 \\
 914 &:= 1^9 + 19^2 + 22^1 + 23^2 + 25^0 &= 19 + 192 + 221 + 232 + 250
 \end{aligned}$$

2.2.816 Number 915

$$\begin{aligned}
 915 &:= 17^2 + 24^2 + 50^1 &= 172 + 242 + 501 \\
 915 &:= 4^2 + 29^2 + 58^1 &= 42 + 292 + 581 \\
 915 &:= 1^0 + 17^2 + 24^2 + 49^1 &= 10 + 172 + 242 + 491 \\
 915 &:= 1^0 + 4^2 + 29^2 + 57^1 &= 10 + 42 + 292 + 571 \\
 915 &:= 1^2 + 13^1 + 30^2 + 47^0 &= 12 + 131 + 302 + 470 \\
 915 &:= 10^2 + 23^0 + 28^2 + 30^1 &= 102 + 230 + 282 + 301 \\
 915 &:= 11^0 + 12^2 + 27^2 + 41^1 &= 110 + 122 + 272 + 411 \\
 915 &:= 13^1 + 15^2 + 26^2 + 37^0 &= 131 + 152 + 262 + 370 \\
 915 &:= 13^2 + 16^1 + 27^2 + 35^0 &= 132 + 161 + 272 + 350 \\
 915 &:= 14^1 + 18^2 + 24^2 + 35^0 &= 141 + 182 + 242 + 350 \\
 915 &:= 16^2 + 17^0 + 25^2 + 33^1 &= 162 + 170 + 252 + 331 \\
 915 &:= 17^0 + 21^2 + 21^2 + 32^1 &= 170 + 212 + 212 + 321 \\
 915 &:= 17^2 + 24^2 + 50^1 &= 172 + 242 + 501 \\
 915 &:= 19^0 + 20^2 + 22^2 + 30^1 &= 190 + 202 + 222 + 301 \\
 915 &:= 19^2 + 23^2 + 24^1 + 25^0 &= 192 + 232 + 241 + 250
 \end{aligned}$$

$$\begin{aligned}
 915 &:= 2^2 + 10^1 + 30^2 + 49^0 &= 22 + 101 + 302 + 490 \\
 915 &:= 3^2 + 5^1 + 30^2 + 53^0 &= 32 + 51 + 302 + 530 \\
 915 &:= 4^2 + 29^2 + 58^1 &= 42 + 292 + 581 \\
 915 &:= 5^0 + 9^2 + 28^2 + 49^1 &= 50 + 92 + 282 + 491 \\
 915 &:= 5^2 + 9^0 + 29^2 + 48^1 &= 52 + 90 + 292 + 481 \\
 915 &:= 6^2 + 19^0 + 29^2 + 37^1 &= 62 + 190 + 292 + 371 \\
 915 &:= 7^2 + 24^1 + 29^2 + 31^0 &= 72 + 241 + 292 + 310 \\
 915 &:= 8^2 + 9^1 + 29^2 + 45^0 &= 82 + 91 + 292 + 450 \\
 915 &:= 9^0 + 14^2 + 26^2 + 42^1 &= 90 + 142 + 262 + 421 \\
 915 &:= 9^1 + 11^2 + 28^2 + 43^0 &= 91 + 112 + 282 + 430 \\
 915 &:= 1^0 + 19^2 + 23^1 + 23^2 + 25^0 &= 10 + 192 + 231 + 232 + 250 \\
 915 &:= 10^0 + 13^1 + 18^2 + 24^2 + 26^0 &= 100 + 131 + 182 + 242 + 260 \\
 915 &:= 10^0 + 13^2 + 15^1 + 26^0 + 27^2 &= 100 + 132 + 151 + 260 + 272 \\
 915 &:= 10^0 + 16^0 + 19^2 + 23^1 + 23^2 &= 100 + 160 + 192 + 231 + 232 \\
 915 &:= 11^0 + 12^1 + 15^2 + 26^2 + 27^0 &= 110 + 121 + 152 + 262 + 270
 \end{aligned}$$

$$\begin{aligned} 915 &:= 11^0 + 13^1 + 18^2 + 24^2 + 25^0 = 110 + 131 + 182 + 242 + 250 & 915 &:= 8^3 + 12^0 + 20^2 + 25^0 + 26^0 = 83 + 120 + 202 + 250 + 260 \\ 915 &:= 11^0 + 13^2 + 15^1 + 25^0 + 27^2 = 110 + 132 + 151 + 250 + 272 & 915 &:= 8^3 + 13^0 + 20^2 + 23^0 + 27^0 = 83 + 130 + 202 + 230 + 270 \\ 915 &:= 11^0 + 15^0 + 19^2 + 23^1 + 23^2 = 110 + 150 + 192 + 231 + 232 & 915 &:= 8^3 + 13^0 + 20^2 + 24^0 + 26^0 = 83 + 130 + 202 + 240 + 260 \\ 915 &:= 12^0 + 12^1 + 15^2 + 26^0 + 26^2 = 120 + 121 + 152 + 260 + 262 & 915 &:= 8^3 + 13^0 + 20^2 + 25^0 + 25^0 = 83 + 130 + 202 + 250 + 250 \\ 915 &:= 12^0 + 13^1 + 18^2 + 24^0 + 24^2 = 120 + 131 + 182 + 240 + 242 & 915 &:= 8^3 + 14^0 + 20^2 + 22^0 + 27^0 = 83 + 140 + 202 + 220 + 270 \\ 915 &:= 12^0 + 13^2 + 15^1 + 24^0 + 27^2 = 120 + 132 + 151 + 240 + 272 & 915 &:= 8^3 + 14^0 + 20^2 + 23^0 + 26^0 = 83 + 140 + 202 + 230 + 260 \\ 915 &:= 12^0 + 14^0 + 19^2 + 23^1 + 23^2 = 120 + 140 + 192 + 231 + 232 & 915 &:= 8^3 + 14^0 + 20^2 + 24^0 + 25^0 = 83 + 140 + 202 + 240 + 250 \\ 915 &:= 12^1 + 13^0 + 15^2 + 25^0 + 26^2 = 121 + 130 + 152 + 250 + 262 & 915 &:= 8^3 + 15^0 + 20^2 + 21^0 + 27^0 = 83 + 150 + 202 + 210 + 270 \\ 915 &:= 12^1 + 14^0 + 15^2 + 24^0 + 26^2 = 121 + 140 + 152 + 240 + 262 & 915 &:= 8^3 + 15^0 + 20^2 + 22^0 + 26^0 = 83 + 150 + 202 + 220 + 260 \\ 915 &:= 12^1 + 15^0 + 15^2 + 23^0 + 26^2 = 121 + 150 + 152 + 230 + 262 & 915 &:= 8^3 + 15^0 + 20^2 + 23^0 + 25^0 = 83 + 150 + 202 + 230 + 250 \\ 915 &:= 12^1 + 15^2 + 16^0 + 22^0 + 26^2 = 121 + 152 + 160 + 220 + 262 & 915 &:= 8^3 + 15^0 + 20^2 + 24^0 + 24^0 = 83 + 150 + 202 + 240 + 240 \\ 915 &:= 12^1 + 15^2 + 17^0 + 21^0 + 26^2 = 121 + 152 + 170 + 210 + 262 & 915 &:= 8^3 + 16^0 + 20^0 + 20^2 + 27^0 = 83 + 160 + 200 + 202 + 270 \\ 915 &:= 12^1 + 15^2 + 18^0 + 20^0 + 26^2 = 121 + 152 + 180 + 200 + 262 & 915 &:= 8^3 + 16^0 + 20^2 + 21^0 + 26^0 = 83 + 160 + 202 + 210 + 260 \\ 915 &:= 12^1 + 15^2 + 19^0 + 19^0 + 26^2 = 121 + 152 + 190 + 190 + 262 & 915 &:= 8^3 + 16^0 + 20^2 + 22^0 + 25^0 = 83 + 160 + 202 + 220 + 250 \\ 915 &:= 13^0 + 13^0 + 19^2 + 23^1 + 23^2 = 130 + 130 + 192 + 231 + 232 & 915 &:= 8^3 + 16^0 + 20^2 + 23^0 + 24^0 = 83 + 160 + 202 + 230 + 240 \\ 915 &:= 13^0 + 13^1 + 18^2 + 23^0 + 24^2 = 130 + 131 + 182 + 230 + 242 & 915 &:= 8^3 + 17^0 + 19^0 + 20^2 + 27^0 = 83 + 170 + 190 + 202 + 270 \\ 915 &:= 13^0 + 13^2 + 15^1 + 23^0 + 27^2 = 130 + 132 + 151 + 230 + 272 & 915 &:= 8^3 + 17^0 + 20^0 + 20^2 + 26^0 = 83 + 170 + 200 + 202 + 260 \\ 915 &:= 13^1 + 14^0 + 18^2 + 22^0 + 24^2 = 131 + 140 + 182 + 220 + 242 & 915 &:= 8^3 + 17^0 + 20^2 + 21^0 + 25^0 = 83 + 170 + 202 + 210 + 250 \\ 915 &:= 13^1 + 15^0 + 18^2 + 21^0 + 24^2 = 131 + 150 + 182 + 210 + 242 & 915 &:= 8^3 + 17^0 + 20^2 + 22^0 + 24^0 = 83 + 170 + 202 + 220 + 240 \\ 915 &:= 13^1 + 16^0 + 18^2 + 20^0 + 24^2 = 131 + 160 + 182 + 200 + 242 & 915 &:= 8^3 + 17^0 + 20^2 + 23^0 + 23^0 = 83 + 170 + 202 + 230 + 230 \\ 915 &:= 13^1 + 17^0 + 18^2 + 19^0 + 24^2 = 131 + 170 + 182 + 190 + 242 & 915 &:= 8^3 + 18^0 + 18^0 + 20^2 + 27^0 = 83 + 180 + 180 + 202 + 270 \\ 915 &:= 13^1 + 18^0 + 18^0 + 18^2 + 24^2 = 131 + 180 + 180 + 182 + 242 & 915 &:= 8^3 + 18^0 + 19^0 + 20^2 + 26^0 = 83 + 180 + 190 + 202 + 260 \\ 915 &:= 13^2 + 14^0 + 15^1 + 22^0 + 27^2 = 132 + 140 + 151 + 220 + 272 & 915 &:= 8^3 + 18^0 + 20^0 + 20^2 + 25^0 = 83 + 180 + 200 + 202 + 250 \\ 915 &:= 13^2 + 15^0 + 15^1 + 21^0 + 27^2 = 132 + 150 + 151 + 210 + 272 & 915 &:= 8^3 + 18^0 + 20^2 + 21^0 + 24^0 = 83 + 180 + 202 + 210 + 240 \\ 915 &:= 13^2 + 15^1 + 16^0 + 20^0 + 27^2 = 132 + 151 + 160 + 200 + 272 & 915 &:= 8^3 + 18^0 + 20^2 + 22^0 + 23^0 = 83 + 180 + 202 + 220 + 230 \\ 915 &:= 13^2 + 15^1 + 17^0 + 19^0 + 27^2 = 132 + 151 + 170 + 190 + 272 & 915 &:= 8^3 + 19^0 + 19^0 + 20^2 + 25^0 = 83 + 190 + 190 + 202 + 250 \\ 915 &:= 13^2 + 15^1 + 18^0 + 18^0 + 27^2 = 132 + 151 + 180 + 180 + 272 & 915 &:= 8^3 + 19^0 + 20^0 + 20^2 + 24^0 = 83 + 190 + 200 + 202 + 240 \\ 915 &:= 2^0 + 19^2 + 23^1 + 23^2 + 24^0 = 20 + 192 + 231 + 232 + 240 & 915 &:= 8^3 + 19^0 + 20^2 + 21^0 + 23^0 = 83 + 190 + 202 + 210 + 230 \\ 915 &:= 3^0 + 19^2 + 23^0 + 23^1 + 23^2 = 30 + 192 + 230 + 231 + 232 & 915 &:= 8^3 + 19^0 + 20^2 + 22^0 + 22^0 = 83 + 190 + 202 + 220 + 220 \\ 915 &:= 4^0 + 19^2 + 22^0 + 23^1 + 23^2 = 40 + 192 + 220 + 231 + 232 & 915 &:= 8^3 + 20^0 + 20^0 + 20^2 + 23^0 = 83 + 200 + 200 + 202 + 230 \\ 915 &:= 5^0 + 19^2 + 21^0 + 23^1 + 23^2 = 50 + 192 + 210 + 231 + 232 & 915 &:= 8^3 + 20^0 + 20^2 + 21^0 + 22^0 = 83 + 200 + 202 + 210 + 220 \\ 915 &:= 6^0 + 19^2 + 20^0 + 23^1 + 23^2 = 60 + 192 + 200 + 231 + 232 & 915 &:= 8^3 + 20^2 + 21^0 + 21^0 + 21^0 = 83 + 202 + 210 + 210 + 210 \\ 915 &:= 7^0 + 19^0 + 19^2 + 23^1 + 23^2 = 70 + 190 + 192 + 231 + 232 & 915 &:= 8^3 + 9^0 + 20^2 + 27^0 + 27^0 = 83 + 90 + 202 + 270 + 270 \\ 915 &:= 8^0 + 18^0 + 19^2 + 23^1 + 23^2 = 80 + 180 + 192 + 231 + 232 & 915 &:= 9^0 + 13^1 + 18^2 + 24^2 + 27^0 = 90 + 131 + 182 + 242 + 270 \\ 915 &:= 8^3 + 10^0 + 20^2 + 26^0 + 27^0 = 83 + 100 + 202 + 260 + 270 & 915 &:= 9^0 + 13^2 + 15^1 + 27^0 + 27^2 = 90 + 132 + 151 + 270 + 272 \\ 915 &:= 8^3 + 11^0 + 20^2 + 25^0 + 27^0 = 83 + 110 + 202 + 250 + 270 & 915 &:= 9^0 + 17^0 + 19^2 + 23^1 + 23^2 = 90 + 170 + 192 + 231 + 232 \\ 915 &:= 8^3 + 11^0 + 20^2 + 26^0 + 26^0 = 83 + 110 + 202 + 260 + 260 \\ 915 &:= 8^3 + 12^0 + 20^2 + 24^0 + 27^0 = 83 + 120 + 202 + 240 + 270 \end{aligned}$$

2.2.817 Number 916

$916 := 1^0 + 5^4 + 17^2 + 68^0$	$= 10 + 54 + 172 + 680$	$916 := 5^4 + 17^2 + 30^0 + 39^0$	$= 54 + 172 + 300 + 390$
$916 := 1^2 + 17^2 + 25^2 + 48^0$	$= 12 + 172 + 252 + 480$	$916 := 5^4 + 17^2 + 31^0 + 38^0$	$= 54 + 172 + 310 + 380$
$916 := 1^3 + 14^1 + 30^2 + 46^0$	$= 13 + 141 + 302 + 460$	$916 := 5^4 + 17^2 + 32^0 + 37^0$	$= 54 + 172 + 320 + 370$
$916 := 1^9 + 2^4 + 29^2 + 58^1$	$= 19 + 24 + 292 + 581$	$916 := 5^4 + 17^2 + 33^0 + 36^0$	$= 54 + 172 + 330 + 360$
$916 := 11^2 + 13^2 + 25^2 + 42^0$	$= 112 + 132 + 252 + 420$	$916 := 5^4 + 17^2 + 34^0 + 35^0$	$= 54 + 172 + 340 + 350$
$916 := 2^0 + 5^4 + 17^2 + 67^0$	$= 20 + 54 + 172 + 670$	$916 := 5^4 + 6^0 + 17^2 + 63^0$	$= 54 + 60 + 172 + 630$
$916 := 2^3 + 7^1 + 30^2 + 52^0$	$= 23 + 71 + 302 + 520$	$916 := 5^4 + 7^0 + 17^2 + 62^0$	$= 54 + 70 + 172 + 620$
$916 := 3^0 + 5^4 + 17^2 + 66^0$	$= 30 + 54 + 172 + 660$	$916 := 5^4 + 8^0 + 17^2 + 61^0$	$= 54 + 80 + 172 + 610$
$916 := 3^1 + 8^3 + 20^2 + 60^0$	$= 31 + 83 + 202 + 600$	$916 := 5^4 + 9^0 + 17^2 + 60^0$	$= 54 + 90 + 172 + 600$
$916 := 3^3 + 12^0 + 29^2 + 47^1$	$= 33 + 120 + 292 + 471$	$916 := 6^0 + 9^3 + 11^2 + 65^1$	$= 60 + 93 + 112 + 651$
$916 := 4^0 + 5^4 + 17^2 + 65^0$	$= 40 + 54 + 172 + 650$	$916 := 6^3 + 23^1 + 26^2 + 36^0$	$= 63 + 231 + 262 + 360$
$916 := 4^3 + 10^1 + 29^2 + 48^0$	$= 43 + 101 + 292 + 480$	$916 := 7^3 + 18^0 + 23^2 + 43^1$	$= 73 + 180 + 232 + 431$
$916 := 5^0 + 5^4 + 17^2 + 64^0$	$= 50 + 54 + 172 + 640$	$916 := 8^3 + 19^2 + 22^0 + 42^1$	$= 83 + 192 + 220 + 421$
$916 := 5^2 + 19^2 + 23^2 + 44^0$	$= 52 + 192 + 232 + 440$	$916 := 9^3 + 12^2 + 28^0 + 42^1$	$= 93 + 122 + 280 + 421$
$916 := 5^2 + 7^2 + 29^2 + 50^0$	$= 52 + 72 + 292 + 500$	$916 := 9^3 + 13^2 + 17^1 + 52^0$	$= 93 + 132 + 171 + 520$
$916 := 5^3 + 6^1 + 28^2 + 52^0$	$= 53 + 61 + 282 + 520$	$916 := 1^1 + 19^2 + 23^2 + 24^0 + 24^1$	$= 11 + 192 + 232 + 240 + 241$
$916 := 5^4 + 10^0 + 17^2 + 59^0$	$= 54 + 100 + 172 + 590$	$916 := 10^0 + 12^2 + 15^1 + 27^1 + 27^2$	$= 100 + 122 + 151 + 271 + 272$
$916 := 5^4 + 11^0 + 17^2 + 58^0$	$= 54 + 110 + 172 + 580$	$916 := 10^0 + 12^2 + 16^1 + 26^1 + 27^2$	$= 100 + 122 + 161 + 261 + 272$
$916 := 5^4 + 12^0 + 17^2 + 57^0$	$= 54 + 120 + 172 + 570$	$916 := 10^0 + 12^2 + 17^1 + 25^1 + 27^2$	$= 100 + 122 + 171 + 251 + 272$
$916 := 5^4 + 13^0 + 17^2 + 56^0$	$= 54 + 130 + 172 + 560$	$916 := 10^0 + 12^2 + 18^1 + 24^1 + 27^2$	$= 100 + 122 + 181 + 241 + 272$
$916 := 5^4 + 14^0 + 17^2 + 55^0$	$= 54 + 140 + 172 + 550$	$916 := 10^0 + 12^2 + 19^1 + 23^1 + 27^2$	$= 100 + 122 + 191 + 231 + 272$
$916 := 5^4 + 15^0 + 17^2 + 54^0$	$= 54 + 150 + 172 + 540$	$916 := 10^0 + 12^2 + 20^1 + 22^1 + 27^2$	$= 100 + 122 + 201 + 221 + 272$
$916 := 5^4 + 16^0 + 17^2 + 53^0$	$= 54 + 160 + 172 + 530$	$916 := 10^0 + 12^2 + 21^1 + 21^1 + 27^2$	$= 100 + 122 + 211 + 211 + 272$
$916 := 5^4 + 17^0 + 17^2 + 52^0$	$= 54 + 170 + 172 + 520$	$916 := 10^1 + 15^1 + 19^2 + 23^2 + 24^0$	$= 101 + 151 + 192 + 232 + 240$
$916 := 5^4 + 17^2 + 18^0 + 51^0$	$= 54 + 172 + 180 + 510$	$916 := 10^1 + 16^0 + 16^2 + 24^1 + 25^2$	$= 101 + 160 + 162 + 241 + 252$
$916 := 5^4 + 17^2 + 19^0 + 50^0$	$= 54 + 172 + 190 + 500$	$916 := 10^1 + 16^0 + 21^2 + 21^2 + 23^1$	$= 101 + 160 + 212 + 212 + 231$
$916 := 5^4 + 17^2 + 20^0 + 49^0$	$= 54 + 172 + 200 + 490$	$916 := 10^1 + 18^0 + 20^2 + 21^1 + 22^2$	$= 101 + 180 + 202 + 211 + 222$
$916 := 5^4 + 17^2 + 21^0 + 48^0$	$= 54 + 172 + 210 + 480$	$916 := 11^1 + 14^1 + 19^2 + 23^2 + 24^0$	$= 111 + 141 + 192 + 232 + 240$
$916 := 5^4 + 17^2 + 22^0 + 47^0$	$= 54 + 172 + 220 + 470$	$916 := 11^1 + 16^0 + 16^2 + 23^1 + 25^2$	$= 111 + 160 + 162 + 231 + 252$
$916 := 5^4 + 17^2 + 23^0 + 46^0$	$= 54 + 172 + 230 + 460$	$916 := 11^1 + 16^0 + 21^2 + 21^2 + 22^1$	$= 111 + 160 + 212 + 212 + 221$
$916 := 5^4 + 17^2 + 24^0 + 45^0$	$= 54 + 172 + 240 + 450$	$916 := 11^1 + 18^0 + 20^1 + 20^2 + 22^2$	$= 111 + 180 + 201 + 202 + 222$
$916 := 5^4 + 17^2 + 25^0 + 44^0$	$= 54 + 172 + 250 + 440$	$916 := 12^0 + 15^2 + 17^2 + 20^2 + 27^0$	$= 120 + 152 + 172 + 202 + 270$
$916 := 5^4 + 17^2 + 26^0 + 43^0$	$= 54 + 172 + 260 + 430$	$916 := 12^1 + 13^1 + 19^2 + 23^2 + 24^0$	$= 121 + 131 + 192 + 232 + 240$
$916 := 5^4 + 17^2 + 27^0 + 42^0$	$= 54 + 172 + 270 + 420$	$916 := 12^1 + 16^0 + 16^2 + 22^1 + 25^2$	$= 121 + 160 + 162 + 221 + 252$
$916 := 5^4 + 17^2 + 28^0 + 41^0$	$= 54 + 172 + 280 + 410$	$916 := 12^1 + 16^0 + 21^1 + 21^2 + 21^2$	$= 121 + 160 + 211 + 212 + 212$
$916 := 5^4 + 17^2 + 29^0 + 40^0$	$= 54 + 172 + 290 + 400$	$916 := 12^1 + 18^0 + 19^1 + 20^2 + 22^2$	$= 121 + 180 + 191 + 202 + 222$

$$\begin{aligned} 916 &:= 13^0 + 15^2 + 17^2 + 20^2 + 26^0 = 130 + 152 + 172 + 202 + 260 & 916 &:= 6^1 + 19^1 + 19^2 + 23^2 + 24^0 = 61 + 191 + 192 + 232 + 240 \\ 916 &:= 13^1 + 16^0 + 16^2 + 21^1 + 25^2 = 131 + 160 + 162 + 211 + 252 & 916 &:= 6^3 + 10^0 + 22^1 + 26^2 + 27^0 = 63 + 100 + 221 + 262 + 270 \\ 916 &:= 13^1 + 16^0 + 20^1 + 21^2 + 21^2 = 131 + 160 + 201 + 212 + 212 & 916 &:= 6^3 + 11^0 + 22^1 + 26^0 + 26^2 = 63 + 110 + 221 + 260 + 262 \\ 916 &:= 13^1 + 18^0 + 18^1 + 20^2 + 22^2 = 131 + 180 + 181 + 202 + 222 & 916 &:= 6^3 + 12^0 + 22^1 + 25^0 + 26^2 = 63 + 120 + 221 + 250 + 262 \\ 916 &:= 13^2 + 13^2 + 14^0 + 24^2 + 27^0 = 132 + 132 + 140 + 242 + 270 & 916 &:= 6^3 + 13^0 + 22^1 + 24^0 + 26^2 = 63 + 130 + 221 + 240 + 262 \\ 916 &:= 13^2 + 13^2 + 15^0 + 24^2 + 26^0 = 132 + 132 + 150 + 242 + 260 & 916 &:= 6^3 + 14^0 + 22^1 + 23^0 + 26^2 = 63 + 140 + 221 + 230 + 262 \\ 916 &:= 13^2 + 13^2 + 16^0 + 24^2 + 25^0 = 132 + 132 + 160 + 242 + 250 & 916 &:= 6^3 + 15^0 + 22^0 + 22^1 + 26^2 = 63 + 150 + 220 + 221 + 262 \\ 916 &:= 13^2 + 13^2 + 17^0 + 24^0 + 24^2 = 132 + 132 + 170 + 240 + 242 & 916 &:= 6^3 + 16^0 + 21^0 + 22^1 + 26^2 = 63 + 160 + 210 + 221 + 262 \\ 916 &:= 13^2 + 13^2 + 18^0 + 23^0 + 24^2 = 132 + 132 + 180 + 230 + 242 & 916 &:= 6^3 + 17^0 + 20^0 + 22^1 + 26^2 = 63 + 170 + 200 + 221 + 262 \\ 916 &:= 13^2 + 13^2 + 19^0 + 22^0 + 24^2 = 132 + 132 + 190 + 220 + 242 & 916 &:= 6^3 + 18^0 + 19^0 + 22^1 + 26^2 = 63 + 180 + 190 + 221 + 262 \\ 916 &:= 13^2 + 13^2 + 20^0 + 21^0 + 24^2 = 132 + 132 + 200 + 210 + 242 & 916 &:= 7^1 + 16^0 + 16^2 + 25^2 + 27^1 = 71 + 160 + 162 + 252 + 271 \\ 916 &:= 14^0 + 15^2 + 17^2 + 20^2 + 25^0 = 140 + 152 + 172 + 202 + 250 & 916 &:= 7^1 + 16^0 + 21^2 + 21^2 + 26^1 = 71 + 160 + 212 + 212 + 261 \\ 916 &:= 14^1 + 16^0 + 16^2 + 20^1 + 25^2 = 141 + 160 + 162 + 201 + 252 & 916 &:= 7^1 + 18^0 + 20^2 + 22^2 + 24^1 = 71 + 180 + 202 + 222 + 241 \\ 916 &:= 14^1 + 16^0 + 19^1 + 21^2 + 21^2 = 141 + 160 + 191 + 212 + 212 & 916 &:= 7^1 + 18^1 + 19^2 + 23^2 + 24^0 = 71 + 181 + 192 + 232 + 240 \\ 916 &:= 14^1 + 17^1 + 18^0 + 20^2 + 22^2 = 141 + 171 + 180 + 202 + 222 & 916 &:= 7^2 + 16^0 + 17^2 + 24^2 + 27^0 = 72 + 160 + 172 + 242 + 270 \\ 916 &:= 15^0 + 15^2 + 17^2 + 20^2 + 24^0 = 150 + 152 + 172 + 202 + 240 & 916 &:= 7^2 + 17^0 + 17^2 + 24^2 + 26^0 = 72 + 170 + 172 + 242 + 260 \\ 916 &:= 15^1 + 16^0 + 16^2 + 19^1 + 25^2 = 151 + 160 + 162 + 191 + 252 & 916 &:= 7^2 + 17^2 + 18^0 + 24^2 + 25^0 = 72 + 172 + 180 + 242 + 250 \\ 916 &:= 15^1 + 16^0 + 18^1 + 21^2 + 21^2 = 151 + 160 + 181 + 212 + 212 & 916 &:= 7^2 + 17^2 + 19^0 + 24^0 + 24^2 = 72 + 172 + 190 + 240 + 242 \\ 916 &:= 15^1 + 16^1 + 18^0 + 20^2 + 22^2 = 151 + 161 + 180 + 202 + 222 & 916 &:= 7^2 + 17^2 + 20^0 + 23^0 + 24^2 = 72 + 172 + 200 + 230 + 242 \\ 916 &:= 15^2 + 16^0 + 17^2 + 20^2 + 23^0 = 152 + 160 + 172 + 202 + 230 & 916 &:= 7^2 + 17^2 + 21^0 + 22^0 + 24^2 = 72 + 172 + 210 + 220 + 242 \\ 916 &:= 15^2 + 17^0 + 17^2 + 20^2 + 22^0 = 152 + 170 + 172 + 202 + 220 & 916 &:= 8^0 + 14^2 + 16^1 + 26^2 + 27^1 = 80 + 142 + 161 + 262 + 271 \\ 916 &:= 15^2 + 17^2 + 18^0 + 20^2 + 21^0 = 152 + 172 + 180 + 202 + 210 & 916 &:= 8^0 + 14^2 + 17^1 + 26^1 + 26^2 = 80 + 142 + 171 + 261 + 262 \\ 916 &:= 15^2 + 17^2 + 19^0 + 20^0 + 20^2 = 152 + 172 + 190 + 200 + 202 & 916 &:= 8^0 + 14^2 + 18^1 + 25^1 + 26^2 = 80 + 142 + 181 + 251 + 262 \\ 916 &:= 16^0 + 16^1 + 16^2 + 18^1 + 25^2 = 160 + 161 + 162 + 181 + 252 & 916 &:= 8^0 + 14^2 + 19^1 + 24^1 + 26^2 = 80 + 142 + 191 + 241 + 262 \\ 916 &:= 16^0 + 16^1 + 17^1 + 21^2 + 21^2 = 160 + 161 + 171 + 212 + 212 & 916 &:= 8^0 + 14^2 + 20^1 + 23^1 + 26^2 = 80 + 142 + 201 + 231 + 262 \\ 916 &:= 16^0 + 16^2 + 17^1 + 17^1 + 25^2 = 160 + 162 + 171 + 171 + 252 & 916 &:= 8^0 + 14^2 + 21^1 + 22^1 + 26^2 = 80 + 142 + 211 + 221 + 262 \\ 916 &:= 2^1 + 19^2 + 23^1 + 23^2 + 24^0 = 21 + 192 + 231 + 232 + 240 & 916 &:= 8^1 + 16^0 + 16^2 + 25^2 + 26^1 = 81 + 160 + 162 + 252 + 261 \\ 916 &:= 3^1 + 19^2 + 22^1 + 23^2 + 24^0 = 31 + 192 + 221 + 232 + 240 & 916 &:= 8^1 + 16^0 + 21^2 + 21^2 + 25^1 = 81 + 160 + 212 + 212 + 251 \\ 916 &:= 4^1 + 18^0 + 20^2 + 22^2 + 27^1 = 41 + 180 + 202 + 222 + 271 & 916 &:= 8^1 + 17^1 + 19^2 + 23^2 + 24^0 = 81 + 171 + 192 + 232 + 240 \\ 916 &:= 4^1 + 19^2 + 21^1 + 23^2 + 24^0 = 41 + 192 + 211 + 232 + 240 & 916 &:= 8^1 + 18^0 + 20^2 + 22^2 + 23^1 = 81 + 180 + 202 + 222 + 231 \\ 916 &:= 4^2 + 13^2 + 20^0 + 27^0 + 27^2 = 42 + 132 + 200 + 270 + 272 & 916 &:= 8^2 + 11^2 + 18^0 + 27^0 + 27^2 = 82 + 112 + 180 + 270 + 272 \\ 916 &:= 4^2 + 13^2 + 21^0 + 26^0 + 27^2 = 42 + 132 + 210 + 260 + 272 & 916 &:= 8^2 + 11^2 + 19^0 + 26^0 + 27^2 = 82 + 112 + 190 + 260 + 272 \\ 916 &:= 4^2 + 13^2 + 22^0 + 25^0 + 27^2 = 42 + 132 + 220 + 250 + 272 & 916 &:= 8^2 + 11^2 + 20^0 + 25^0 + 27^2 = 82 + 112 + 200 + 250 + 272 \\ 916 &:= 4^2 + 13^2 + 23^0 + 24^0 + 27^2 = 42 + 132 + 230 + 240 + 272 & 916 &:= 8^2 + 11^2 + 21^0 + 24^0 + 27^2 = 82 + 112 + 210 + 240 + 272 \\ 916 &:= 5^1 + 18^0 + 20^2 + 22^2 + 26^1 = 51 + 180 + 202 + 222 + 261 & 916 &:= 8^2 + 11^2 + 22^0 + 23^0 + 27^2 = 82 + 112 + 220 + 230 + 272 \\ 916 &:= 5^1 + 19^2 + 20^1 + 23^2 + 24^0 = 51 + 192 + 201 + 232 + 240 & 916 &:= 8^2 + 15^2 + 16^0 + 25^2 + 27^0 = 82 + 152 + 160 + 252 + 270 \\ 916 &:= 6^1 + 16^0 + 21^2 + 21^2 + 27^1 = 61 + 160 + 212 + 212 + 271 & 916 &:= 8^2 + 15^2 + 17^0 + 25^2 + 26^0 = 82 + 152 + 170 + 252 + 260 \\ 916 &:= 6^1 + 18^0 + 20^2 + 22^2 + 25^1 = 61 + 180 + 202 + 222 + 251 & 916 &:= 8^2 + 15^2 + 18^0 + 25^0 + 25^2 = 82 + 152 + 180 + 250 + 252 \end{aligned}$$

$$\begin{aligned}
 916 &:= 8^2 + 15^2 + 19^0 + 24^0 + 25^2 = 82 + 152 + 190 + 240 + 252 \\
 916 &:= 8^2 + 15^2 + 20^0 + 23^0 + 25^2 = 82 + 152 + 200 + 230 + 252 \\
 916 &:= 8^2 + 15^2 + 21^0 + 22^0 + 25^2 = 82 + 152 + 210 + 220 + 252 \\
 916 &:= 9^1 + 16^0 + 16^2 + 25^1 + 25^2 = 91 + 160 + 162 + 251 + 252 \\
 916 &:= 9^1 + 16^0 + 21^2 + 21^2 + 24^1 = 91 + 160 + 212 + 212 + 241
 \end{aligned}$$

$$\begin{aligned}
 916 &:= 9^1 + 16^1 + 19^2 + 23^2 + 24^0 = 91 + 161 + 192 + 232 + 240 \\
 916 &:= 9^1 + 18^0 + 20^2 + 22^1 + 22^2 = 91 + 180 + 202 + 221 + 222 \\
 916 &:= 9^3 + 13^2 + 16^1 + 26^0 + 27^0 = 93 + 132 + 161 + 260 + 270
 \end{aligned}$$

2.2.818 Number 917

$$\begin{aligned}
 917 &:= 2^4 + 29^2 + 60^1 = 24 + 292 + 601 \\
 917 &:= 1^0 + 2^4 + 29^2 + 59^1 = 10 + 24 + 292 + 591 \\
 917 &:= 1^4 + 15^1 + 30^2 + 45^0 = 14 + 151 + 302 + 450 \\
 917 &:= 11^2 + 15^2 + 23^2 + 42^1 = 112 + 152 + 232 + 421 \\
 917 &:= 14^2 + 14^2 + 22^2 + 41^1 = 142 + 142 + 222 + 411 \\
 917 &:= 2^1 + 5^4 + 17^2 + 67^0 = 21 + 54 + 172 + 670 \\
 917 &:= 2^2 + 17^2 + 24^2 + 48^1 = 22 + 172 + 242 + 481 \\
 917 &:= 2^2 + 4^2 + 29^2 + 56^1 = 22 + 42 + 292 + 561 \\
 917 &:= 2^2 + 8^3 + 20^2 + 61^0 = 22 + 83 + 202 + 610 \\
 917 &:= 2^4 + 29^2 + 60^1 = 24 + 292 + 601 \\
 917 &:= 3^4 + 9^0 + 28^2 + 51^1 = 34 + 90 + 282 + 511 \\
 917 &:= 4^4 + 25^2 + 27^0 + 35^1 = 44 + 252 + 270 + 351 \\
 917 &:= 5^0 + 5^4 + 15^2 + 66^1 = 50 + 54 + 152 + 661 \\
 917 &:= 5^2 + 13^2 + 26^2 + 47^1 = 52 + 132 + 262 + 471 \\
 917 &:= 5^3 + 9^3 + 15^0 + 62^1 = 53 + 93 + 150 + 621 \\
 917 &:= 5^4 + 16^2 + 35^0 + 35^1 = 54 + 162 + 350 + 351 \\
 917 &:= 7^3 + 8^3 + 15^0 + 61^1 = 73 + 83 + 150 + 611 \\
 917 &:= 1^2 + 19^2 + 23^0 + 23^2 + 25^1 = 12 + 192 + 230 + 232 + 251 \\
 917 &:= 1^3 + 17^2 + 21^0 + 25^2 + 27^0 = 13 + 172 + 210 + 252 + 270 \\
 917 &:= 1^3 + 17^2 + 22^0 + 25^2 + 26^0 = 13 + 172 + 220 + 252 + 260 \\
 917 &:= 1^3 + 17^2 + 23^0 + 25^0 + 25^2 = 13 + 172 + 230 + 250 + 252 \\
 917 &:= 1^3 + 17^2 + 24^0 + 24^0 + 25^2 = 13 + 172 + 240 + 240 + 252 \\
 917 &:= 10^2 + 11^2 + 19^1 + 25^0 + 26^2 = 102 + 112 + 191 + 250 + 262 \\
 917 &:= 10^2 + 13^2 + 21^0 + 22^1 + 25^2 = 102 + 132 + 210 + 221 + 252 \\
 917 &:= 10^2 + 14^1 + 19^2 + 21^2 + 27^0 = 102 + 141 + 192 + 212 + 270 \\
 917 &:= 10^2 + 15^1 + 15^2 + 24^2 + 27^0 = 102 + 151 + 152 + 242 + 270 \\
 917 &:= 10^2 + 16^1 + 20^2 + 20^2 + 25^0 = 102 + 161 + 202 + 202 + 250 \\
 917 &:= 11^2 + 12^2 + 17^0 + 25^2 + 26^1 = 112 + 122 + 170 + 252 + 261 \\
 917 &:= 11^2 + 14^2 + 19^0 + 23^1 + 24^2 = 112 + 142 + 190 + 231 + 242 \\
 917 &:= 11^2 + 17^2 + 19^0 + 22^1 + 22^2 = 112 + 172 + 190 + 221 + 222 \\
 917 &:= 12^1 + 16^2 + 18^2 + 18^2 + 27^0 = 121 + 162 + 182 + 182 + 270
 \end{aligned}$$

$$\begin{aligned}
 917 &:= 12^2 + 13^2 + 15^0 + 24^2 + 27^1 = 122 + 132 + 150 + 242 + 271 \\
 917 &:= 12^2 + 15^2 + 18^1 + 23^0 + 23^2 = 122 + 152 + 181 + 230 + 232 \\
 917 &:= 13^2 + 14^2 + 19^0 + 22^1 + 23^2 = 132 + 142 + 190 + 221 + 232 \\
 917 &:= 13^2 + 15^0 + 19^2 + 19^2 + 25^1 = 132 + 150 + 192 + 192 + 251 \\
 917 &:= 13^2 + 17^0 + 18^2 + 20^2 + 23^1 = 132 + 170 + 182 + 202 + 231 \\
 917 &:= 13^2 + 17^1 + 17^2 + 21^2 + 23^0 = 132 + 171 + 172 + 212 + 230 \\
 917 &:= 14^1 + 17^2 + 17^2 + 18^2 + 25^0 = 141 + 172 + 172 + 182 + 250 \\
 917 &:= 14^2 + 16^2 + 17^0 + 21^2 + 23^1 = 142 + 162 + 170 + 212 + 231 \\
 917 &:= 15^0 + 15^2 + 15^2 + 21^2 + 25^1 = 150 + 152 + 152 + 212 + 251 \\
 917 &:= 2^2 + 19^2 + 22^1 + 23^2 + 25^0 = 22 + 192 + 221 + 232 + 250 \\
 917 &:= 3^2 + 16^2 + 21^0 + 25^2 + 26^1 = 32 + 162 + 210 + 252 + 261 \\
 917 &:= 3^2 + 20^2 + 22^2 + 23^0 + 23^1 = 32 + 202 + 222 + 230 + 231 \\
 917 &:= 3^2 + 21^0 + 21^2 + 21^2 + 25^1 = 32 + 210 + 212 + 212 + 251 \\
 917 &:= 4^2 + 12^2 + 21^0 + 27^1 + 27^2 = 42 + 122 + 210 + 271 + 272 \\
 917 &:= 4^2 + 16^2 + 19^1 + 25^2 + 27^0 = 42 + 162 + 191 + 252 + 270 \\
 917 &:= 4^2 + 18^1 + 21^2 + 21^2 + 27^0 = 42 + 181 + 212 + 212 + 270 \\
 917 &:= 5^2 + 14^2 + 19^1 + 26^2 + 27^0 = 52 + 142 + 191 + 262 + 270 \\
 917 &:= 5^2 + 17^2 + 19^0 + 24^2 + 26^1 = 52 + 172 + 190 + 242 + 261 \\
 917 &:= 6^2 + 17^0 + 18^2 + 23^2 + 27^1 = 62 + 170 + 182 + 232 + 271 \\
 917 &:= 7^2 + 13^2 + 22^1 + 23^0 + 26^2 = 72 + 132 + 221 + 230 + 262 \\
 917 &:= 7^2 + 15^2 + 17^1 + 25^2 + 27^0 = 72 + 152 + 171 + 252 + 270 \\
 917 &:= 7^2 + 17^0 + 20^2 + 21^2 + 26^1 = 72 + 170 + 202 + 212 + 261 \\
 917 &:= 7^2 + 19^2 + 21^0 + 22^1 + 22^2 = 72 + 192 + 210 + 221 + 222 \\
 917 &:= 7^3 + 17^0 + 17^1 + 23^2 + 27^1 = 73 + 170 + 171 + 232 + 271 \\
 917 &:= 7^3 + 17^0 + 18^1 + 23^2 + 26^1 = 73 + 170 + 181 + 232 + 261 \\
 917 &:= 7^3 + 17^0 + 19^1 + 23^2 + 25^1 = 73 + 170 + 191 + 232 + 251 \\
 917 &:= 7^3 + 17^0 + 20^1 + 23^2 + 24^1 = 73 + 170 + 201 + 232 + 241 \\
 917 &:= 7^3 + 17^0 + 21^1 + 23^1 + 23^2 = 73 + 170 + 211 + 231 + 232 \\
 917 &:= 7^3 + 17^0 + 22^1 + 22^1 + 23^2 = 73 + 170 + 221 + 221 + 232 \\
 917 &:= 8^2 + 10^2 + 23^0 + 23^1 + 27^2 = 82 + 102 + 230 + 231 + 272 \\
 917 &:= 8^2 + 16^2 + 20^1 + 23^0 + 24^2 = 82 + 162 + 201 + 230 + 242
 \end{aligned}$$

$$\begin{aligned}
 917 &:= 8^3 + 16^1 + 19^2 + 21^0 + 27^1 = 83 + 161 + 192 + 210 + 271 \\
 917 &:= 8^3 + 17^1 + 19^2 + 21^0 + 26^1 = 83 + 171 + 192 + 210 + 261 \\
 917 &:= 8^3 + 18^1 + 19^2 + 21^0 + 25^1 = 83 + 181 + 192 + 210 + 251 \\
 917 &:= 8^3 + 19^1 + 19^2 + 21^0 + 24^1 = 83 + 191 + 192 + 210 + 241 \\
 917 &:= 8^3 + 19^2 + 20^1 + 21^0 + 23^1 = 83 + 192 + 201 + 210 + 231 \\
 917 &:= 8^3 + 19^2 + 21^0 + 21^1 + 22^1 = 83 + 192 + 210 + 211 + 221 \\
 917 &:= 9^2 + 15^0 + 18^2 + 22^2 + 27^1 = 92 + 150 + 182 + 222 + 271 \\
 917 &:= 9^2 + 17^1 + 17^2 + 23^2 + 25^0 = 92 + 171 + 172 + 232 + 250
 \end{aligned}$$

$$\begin{aligned}
 917 &:= 9^2 + 9^2 + 21^0 + 25^1 + 27^2 = 92 + 92 + 210 + 251 + 272 \\
 917 &:= 9^3 + 12^2 + 16^1 + 27^0 + 27^1 = 93 + 122 + 161 + 270 + 271 \\
 917 &:= 9^3 + 12^2 + 17^1 + 26^1 + 27^0 = 93 + 122 + 171 + 261 + 270 \\
 917 &:= 9^3 + 12^2 + 18^1 + 25^1 + 27^0 = 93 + 122 + 181 + 251 + 270 \\
 917 &:= 9^3 + 12^2 + 19^1 + 24^1 + 27^0 = 93 + 122 + 191 + 241 + 270 \\
 917 &:= 9^3 + 12^2 + 20^1 + 23^1 + 27^0 = 93 + 122 + 201 + 231 + 270 \\
 917 &:= 9^3 + 12^2 + 21^1 + 22^1 + 27^0 = 93 + 122 + 211 + 221 + 270
 \end{aligned}$$

2.2.819 Number 918

$$\begin{aligned}
 918 &:= 1^2 + 2^4 + 30^2 + 58^0 = 12 + 24 + 302 + 580 \\
 918 &:= 1^4 + 4^2 + 30^2 + 56^0 = 14 + 42 + 302 + 560 \\
 918 &:= 1^5 + 16^1 + 30^2 + 44^0 = 15 + 161 + 302 + 440 \\
 918 &:= 1^8 + 2^7 + 27^2 + 60^1 = 18 + 27 + 272 + 601 \\
 918 &:= 2^3 + 5^3 + 28^2 + 56^0 = 23 + 53 + 282 + 560 \\
 918 &:= 2^4 + 15^2 + 26^2 + 48^0 = 24 + 152 + 262 + 480 \\
 918 &:= 2^5 + 16^0 + 29^2 + 44^1 = 25 + 160 + 292 + 441 \\
 918 &:= 3^5 + 14^0 + 25^2 + 49^1 = 35 + 140 + 252 + 491 \\
 918 &:= 4^0 + 5^4 + 6^3 + 76^1 = 40 + 54 + 63 + 761 \\
 918 &:= 4^4 + 6^2 + 25^2 + 56^0 = 44 + 62 + 252 + 560 \\
 918 &:= 5^3 + 6^3 + 24^2 + 56^0 = 53 + 63 + 242 + 560 \\
 918 &:= 5^4 + 6^2 + 16^2 + 64^0 = 54 + 62 + 162 + 640 \\
 918 &:= 1^3 + 19^2 + 22^0 + 23^2 + 26^1 = 13 + 192 + 220 + 232 + 261 \\
 918 &:= 2^3 + 20^0 + 21^2 + 21^2 + 27^1 = 23 + 200 + 212 + 212 + 271 \\
 918 &:= 2^3 + 20^2 + 22^0 + 22^2 + 25^1 = 23 + 202 + 220 + 222 + 251 \\
 918 &:= 2^4 + 18^2 + 20^0 + 24^2 + 27^0 = 24 + 182 + 200 + 242 + 270 \\
 918 &:= 2^4 + 18^2 + 21^0 + 24^2 + 26^0 = 24 + 182 + 210 + 242 + 260 \\
 918 &:= 2^4 + 18^2 + 22^0 + 24^2 + 25^0 = 24 + 182 + 220 + 242 + 250 \\
 918 &:= 2^4 + 18^2 + 23^0 + 24^0 + 24^2 = 24 + 182 + 230 + 240 + 242 \\
 918 &:= 3^3 + 17^2 + 22^0 + 24^2 + 25^1 = 33 + 172 + 220 + 242 + 251
 \end{aligned}$$

$$\begin{aligned}
 918 &:= 4^3 + 10^2 + 24^1 + 26^0 + 27^2 = 43 + 102 + 241 + 260 + 272 \\
 918 &:= 4^3 + 16^2 + 21^1 + 24^2 + 26^0 = 43 + 162 + 211 + 242 + 260 \\
 918 &:= 4^4 + 10^1 + 25^2 + 26^0 + 26^1 = 44 + 101 + 252 + 260 + 261 \\
 918 &:= 4^4 + 11^1 + 25^1 + 25^2 + 26^0 = 44 + 111 + 251 + 252 + 260 \\
 918 &:= 4^4 + 12^1 + 24^1 + 25^2 + 26^0 = 44 + 121 + 241 + 252 + 260 \\
 918 &:= 4^4 + 13^1 + 23^1 + 25^2 + 26^0 = 44 + 131 + 231 + 252 + 260 \\
 918 &:= 4^4 + 14^1 + 22^1 + 25^2 + 26^0 = 44 + 141 + 221 + 252 + 260 \\
 918 &:= 4^4 + 15^1 + 21^1 + 25^2 + 26^0 = 44 + 151 + 211 + 252 + 260 \\
 918 &:= 4^4 + 16^1 + 20^1 + 25^2 + 26^0 = 44 + 161 + 201 + 252 + 260 \\
 918 &:= 4^4 + 17^1 + 19^1 + 25^2 + 26^0 = 44 + 171 + 191 + 252 + 260 \\
 918 &:= 4^4 + 18^1 + 18^1 + 25^2 + 26^0 = 44 + 181 + 181 + 252 + 260 \\
 918 &:= 4^4 + 9^1 + 25^2 + 26^0 + 27^1 = 44 + 91 + 252 + 260 + 271 \\
 918 &:= 5^3 + 12^2 + 23^1 + 25^2 + 26^0 = 53 + 122 + 231 + 252 + 260 \\
 918 &:= 5^3 + 18^2 + 20^0 + 21^2 + 27^1 = 53 + 182 + 200 + 212 + 271 \\
 918 &:= 5^3 + 6^2 + 26^0 + 27^1 + 27^2 = 53 + 62 + 260 + 271 + 272 \\
 918 &:= 6^3 + 10^2 + 24^2 + 25^1 + 26^0 = 63 + 102 + 242 + 251 + 260 \\
 918 &:= 6^3 + 7^2 + 25^2 + 26^0 + 27^1 = 63 + 72 + 252 + 260 + 271 \\
 918 &:= 7^3 + 15^2 + 18^2 + 25^1 + 26^0 = 73 + 152 + 182 + 251 + 260
 \end{aligned}$$

2.2.820 Number 919

$$\begin{aligned}
 919 &:= 1^4 + 9^2 + 28^2 + 53^1 = 14 + 92 + 282 + 531 \\
 919 &:= 1^6 + 17^1 + 30^2 + 43^0 = 16 + 171 + 302 + 430 \\
 919 &:= 2^2 + 2^4 + 29^2 + 58^1 = 22 + 24 + 292 + 581 \\
 919 &:= 2^3 + 5^3 + 27^2 + 57^1 = 23 + 53 + 272 + 571 \\
 919 &:= 2^6 + 13^1 + 29^2 + 47^0 = 26 + 131 + 292 + 470
 \end{aligned}$$

$$\begin{aligned}
 919 &:= 3^6 + 12^2 + 31^0 + 45^1 = 36 + 122 + 310 + 451 \\
 919 &:= 3^6 + 13^2 + 20^1 + 55^0 = 36 + 132 + 201 + 550 \\
 919 &:= 3^6 + 9^0 + 11^2 + 68^1 = 36 + 90 + 112 + 681 \\
 919 &:= 4^3 + 5^3 + 9^3 + 73^0 = 43 + 53 + 93 + 730 \\
 919 &:= 4^4 + 13^2 + 21^2 + 53^1 = 44 + 132 + 212 + 531
 \end{aligned}$$

$$\begin{aligned}
 919 &:= 4^4 + 5^4 + 37^1 + 45^0 &= 44 + 54 + 371 + 450 \\
 919 &:= 7^3 + 7^3 + 13^2 + 64^1 &= 73 + 73 + 132 + 641 \\
 919 &:= 1^4 + 19^2 + 21^0 + 23^2 + 27^1 &= 14 + 192 + 210 + 232 + 271 \\
 919 &:= 2^4 + 16^2 + 21^1 + 25^2 + 27^0 &= 24 + 162 + 211 + 252 + 270 \\
 919 &:= 2^4 + 20^1 + 21^2 + 21^2 + 27^0 &= 24 + 201 + 212 + 212 + 270 \\
 919 &:= 3^3 + 19^2 + 20^1 + 22^2 + 27^1 &= 33 + 192 + 201 + 222 + 271 \\
 919 &:= 3^3 + 19^2 + 21^1 + 22^2 + 26^1 &= 33 + 192 + 211 + 222 + 261 \\
 919 &:= 3^3 + 19^2 + 22^1 + 22^2 + 25^1 &= 33 + 192 + 221 + 222 + 251 \\
 919 &:= 3^3 + 19^2 + 22^2 + 23^1 + 24^1 &= 33 + 192 + 222 + 231 + 241 \\
 919 &:= 3^4 + 9^2 + 25^0 + 27^1 + 27^2 &= 34 + 92 + 250 + 271 + 272 \\
 919 &:= 3^5 + 13^0 + 23^1 + 25^2 + 27^1 &= 35 + 130 + 231 + 252 + 271 \\
 919 &:= 3^5 + 13^0 + 24^1 + 25^2 + 26^1 &= 35 + 130 + 241 + 252 + 261 \\
 919 &:= 3^5 + 13^0 + 25^1 + 25^1 + 25^2 &= 35 + 130 + 251 + 251 + 252
 \end{aligned}$$

$$\begin{aligned}
 919 &:= 4^3 + 18^2 + 20^1 + 22^2 + 27^1 &= 43 + 182 + 201 + 222 + 271 \\
 919 &:= 4^3 + 18^2 + 21^1 + 22^2 + 26^1 &= 43 + 182 + 211 + 222 + 261 \\
 919 &:= 4^3 + 18^2 + 22^1 + 22^2 + 25^1 &= 43 + 182 + 221 + 222 + 251 \\
 919 &:= 4^3 + 18^2 + 22^2 + 23^1 + 24^1 &= 43 + 182 + 222 + 231 + 241 \\
 919 &:= 4^4 + 14^2 + 21^2 + 25^1 + 27^0 &= 44 + 142 + 212 + 251 + 270 \\
 919 &:= 5^3 + 13^2 + 22^1 + 24^2 + 27^1 &= 53 + 132 + 221 + 242 + 271 \\
 919 &:= 5^3 + 13^2 + 23^1 + 24^2 + 26^1 &= 53 + 132 + 231 + 242 + 261 \\
 919 &:= 5^3 + 13^2 + 24^1 + 24^2 + 25^1 &= 53 + 132 + 241 + 242 + 251 \\
 919 &:= 6^3 + 13^2 + 22^2 + 23^1 + 27^1 &= 63 + 132 + 222 + 231 + 271 \\
 919 &:= 6^3 + 13^2 + 22^2 + 24^1 + 26^1 &= 63 + 132 + 222 + 241 + 261 \\
 919 &:= 6^3 + 13^2 + 22^2 + 25^1 + 25^1 &= 63 + 132 + 222 + 251 + 251 \\
 919 &:= 7^3 + 9^2 + 21^2 + 27^1 + 27^1 &= 73 + 92 + 212 + 271 + 271
 \end{aligned}$$

2.2.821 Number 920

$$\begin{aligned}
 920 &:= 1^7 + 18^1 + 30^2 + 42^0 &= 17 + 181 + 302 + 420 \\
 920 &:= 2^7 + 7^1 + 28^2 + 54^0 &= 27 + 71 + 282 + 540 \\
 920 &:= 3^5 + 5^4 + 32^0 + 51^1 &= 35 + 54 + 320 + 511 \\
 920 &:= 3^6 + 5^3 + 18^0 + 65^1 &= 36 + 53 + 180 + 651
 \end{aligned}$$

$$\begin{aligned}
 920 &:= 2^5 + 17^2 + 22^1 + 24^2 + 26^0 &= 25 + 172 + 221 + 242 + 260 \\
 920 &:= 3^5 + 17^2 + 19^2 + 26^0 + 26^1 &= 35 + 172 + 192 + 260 + 261
 \end{aligned}$$

2.2.822 Number 921

$$\begin{aligned}
 921 &:= 1^3 + 5^4 + 6^3 + 79^1 &= 13 + 54 + 63 + 791 \\
 921 &:= 1^4 + 3^5 + 26^2 + 61^0 &= 14 + 35 + 262 + 610 \\
 921 &:= 1^4 + 5^4 + 15^2 + 70^1 &= 14 + 54 + 152 + 701 \\
 921 &:= 1^5 + 9^3 + 11^2 + 70^1 &= 15 + 93 + 112 + 701 \\
 921 &:= 1^6 + 7^3 + 24^2 + 59^0 &= 16 + 73 + 242 + 590 \\
 921 &:= 1^8 + 19^1 + 30^2 + 41^0 &= 18 + 191 + 302 + 410 \\
 921 &:= 2^6 + 18^2 + 22^2 + 49^1 &= 26 + 182 + 222 + 491 \\
 921 &:= 2^6 + 4^2 + 28^2 + 57^1 &= 26 + 42 + 282 + 571 \\
 921 &:= 2^7 + 9^3 + 17^0 + 63^1 &= 27 + 93 + 170 + 631 \\
 921 &:= 2^8 + 25^0 + 25^2 + 39^1 &= 28 + 250 + 252 + 391
 \end{aligned}$$

$$\begin{aligned}
 921 &:= 3^4 + 5^4 + 12^2 + 71^1 &= 34 + 54 + 122 + 711 \\
 921 &:= 3^5 + 6^3 + 20^2 + 62^1 &= 35 + 63 + 202 + 621 \\
 921 &:= 2^5 + 20^2 + 21^1 + 21^2 + 27^1 &= 25 + 202 + 211 + 212 + 271 \\
 921 &:= 2^5 + 20^2 + 21^2 + 22^1 + 26^1 &= 25 + 202 + 212 + 221 + 261 \\
 921 &:= 2^5 + 20^2 + 21^2 + 23^1 + 25^1 &= 25 + 202 + 212 + 231 + 251 \\
 921 &:= 2^5 + 20^2 + 21^2 + 24^1 + 24^1 &= 25 + 202 + 212 + 241 + 241 \\
 921 &:= 2^6 + 10^2 + 25^0 + 27^1 + 27^2 &= 26 + 102 + 250 + 271 + 272 \\
 921 &:= 2^6 + 16^2 + 24^1 + 24^2 + 25^0 &= 26 + 162 + 241 + 242 + 250 \\
 921 &:= 3^5 + 15^2 + 20^2 + 26^1 + 27^1 &= 35 + 152 + 202 + 261 + 271
 \end{aligned}$$

2.2.823 Number 922

$$\begin{aligned}
 922 &:= 1^9 + 20^1 + 30^2 + 40^0 &= 19 + 201 + 302 + 400 \\
 922 &:= 2^4 + 2^6 + 29^2 + 58^0 &= 24 + 26 + 292 + 580 \\
 922 &:= 2^7 + 4^3 + 27^2 + 58^0 &= 27 + 43 + 272 + 580
 \end{aligned}$$

$$\begin{aligned}
 922 &:= 2^7 + 8^2 + 9^3 + 72^0 &= 27 + 82 + 93 + 720 \\
 922 &:= 2^9 + 19^2 + 22^0 + 48^1 &= 29 + 192 + 220 + 481 \\
 922 &:= 2^9 + 9^1 + 20^2 + 60^0 &= 29 + 91 + 202 + 600
 \end{aligned}$$

$$\begin{aligned}
 922 &:= 2^8 + 13^1 + 24^0 + 25^2 + 27^1 = 28 + 131 + 240 + 252 + 271 \\
 922 &:= 2^8 + 14^1 + 24^0 + 25^2 + 26^1 = 28 + 141 + 240 + 252 + 261 \\
 922 &:= 2^8 + 15^1 + 24^0 + 25^1 + 25^2 = 28 + 151 + 240 + 251 + 252 \\
 922 &:= 2^8 + 16^1 + 24^0 + 24^1 + 25^2 = 28 + 161 + 240 + 241 + 252 \\
 922 &:= 2^8 + 17^1 + 23^1 + 24^0 + 25^2 = 28 + 171 + 231 + 240 + 252
 \end{aligned}$$

$$\begin{aligned}
 922 &:= 2^8 + 18^1 + 22^1 + 24^0 + 25^2 = 28 + 181 + 221 + 240 + 252 \\
 922 &:= 2^8 + 19^1 + 21^1 + 24^0 + 25^2 = 28 + 191 + 211 + 240 + 252 \\
 922 &:= 2^8 + 20^1 + 20^1 + 24^0 + 25^2 = 28 + 201 + 201 + 240 + 252
 \end{aligned}$$

2.2.824 Number 923

$$\begin{aligned}
 923 &:= 22^1 + 30^2 + 40^0 = 221 + 302 + 400 \\
 923 &:= 1^0 + 21^1 + 30^2 + 40^0 = 10 + 211 + 302 + 400 \\
 923 &:= 1^8 + 14^2 + 26^2 + 50^1 = 18 + 142 + 262 + 501 \\
 923 &:= 1^8 + 5^2 + 29^2 + 56^1 = 18 + 52 + 292 + 561 \\
 923 &:= 10^0 + 21^1 + 30^2 + 31^0 = 100 + 211 + 302 + 310 \\
 923 &:= 11^0 + 21^1 + 30^0 + 30^2 = 110 + 211 + 300 + 302 \\
 923 &:= 12^0 + 21^1 + 29^0 + 30^2 = 120 + 211 + 290 + 302 \\
 923 &:= 13^0 + 21^1 + 28^0 + 30^2 = 130 + 211 + 280 + 302 \\
 923 &:= 14^0 + 21^1 + 27^0 + 30^2 = 140 + 211 + 270 + 302 \\
 923 &:= 15^0 + 21^1 + 26^0 + 30^2 = 150 + 211 + 260 + 302 \\
 923 &:= 16^0 + 21^1 + 25^0 + 30^2 = 160 + 211 + 250 + 302 \\
 923 &:= 17^0 + 21^1 + 24^0 + 30^2 = 170 + 211 + 240 + 302 \\
 923 &:= 18^0 + 21^1 + 23^0 + 30^2 = 180 + 211 + 230 + 302 \\
 923 &:= 19^0 + 21^1 + 22^0 + 30^2 = 190 + 211 + 220 + 302 \\
 923 &:= 2^0 + 21^1 + 30^2 + 39^0 = 20 + 211 + 302 + 390 \\
 923 &:= 2^4 + 2^6 + 28^2 + 59^1 = 24 + 26 + 282 + 591 \\
 923 &:= 2^7 + 5^4 + 13^2 + 71^0 = 27 + 54 + 132 + 710 \\
 923 &:= 2^8 + 17^2 + 18^2 + 54^1 = 28 + 172 + 182 + 541 \\
 923 &:= 2^8 + 5^4 + 41^1 + 43^0 = 28 + 54 + 411 + 430 \\
 923 &:= 2^8 + 9^2 + 23^2 + 57^1 = 28 + 92 + 232 + 571
 \end{aligned}$$

$$\begin{aligned}
 923 &:= 2^9 + 11^2 + 17^2 + 61^0 = 29 + 112 + 172 + 610 \\
 923 &:= 2^9 + 7^2 + 19^2 + 63^0 = 29 + 72 + 192 + 630 \\
 923 &:= 2^9 + 7^3 + 15^0 + 67^1 = 29 + 73 + 150 + 671 \\
 923 &:= 20^0 + 21^0 + 21^1 + 30^2 = 200 + 210 + 211 + 302 \\
 923 &:= 3^0 + 21^1 + 30^2 + 38^0 = 30 + 211 + 302 + 380 \\
 923 &:= 4^0 + 21^1 + 30^2 + 37^0 = 40 + 211 + 302 + 370 \\
 923 &:= 5^0 + 21^1 + 30^2 + 36^0 = 50 + 211 + 302 + 360 \\
 923 &:= 6^0 + 21^1 + 30^2 + 35^0 = 60 + 211 + 302 + 350 \\
 923 &:= 7^0 + 21^1 + 30^2 + 34^0 = 70 + 211 + 302 + 340 \\
 923 &:= 8^0 + 21^1 + 30^2 + 33^0 = 80 + 211 + 302 + 330 \\
 923 &:= 9^0 + 21^1 + 30^2 + 32^0 = 90 + 211 + 302 + 320 \\
 923 &:= 1^7 + 14^2 + 23^1 + 26^2 + 27^1 = 17 + 142 + 231 + 262 + 271 \\
 923 &:= 1^7 + 14^2 + 24^1 + 26^1 + 26^2 = 17 + 142 + 241 + 261 + 262 \\
 923 &:= 1^7 + 14^2 + 25^1 + 25^1 + 26^2 = 17 + 142 + 251 + 251 + 262 \\
 923 &:= 1^8 + 13^2 + 23^1 + 27^0 + 27^2 = 18 + 132 + 231 + 270 + 272 \\
 923 &:= 1^8 + 18^2 + 21^1 + 24^2 + 27^0 = 18 + 182 + 211 + 242 + 270 \\
 923 &:= 2^9 + 19^2 + 21^0 + 22^1 + 27^1 = 29 + 192 + 210 + 221 + 271 \\
 923 &:= 2^9 + 19^2 + 21^0 + 23^1 + 26^1 = 29 + 192 + 210 + 231 + 261 \\
 923 &:= 2^9 + 19^2 + 21^0 + 24^1 + 25^1 = 29 + 192 + 210 + 241 + 251
 \end{aligned}$$

2.2.825 Number 924

$$\begin{aligned}
 924 &:= 1^0 + 9^2 + 29^2 + 53^0 = 10 + 92 + 292 + 530 \\
 924 &:= 1^1 + 22^1 + 30^2 + 39^0 = 11 + 221 + 302 + 390 \\
 924 &:= 1^8 + 3^4 + 29^2 + 58^0 = 18 + 34 + 292 + 580 \\
 924 &:= 10^1 + 13^1 + 30^2 + 39^0 = 101 + 131 + 302 + 390 \\
 924 &:= 11^1 + 12^1 + 30^2 + 39^0 = 111 + 121 + 302 + 390 \\
 924 &:= 2^0 + 9^2 + 29^2 + 52^0 = 20 + 92 + 292 + 520 \\
 924 &:= 2^1 + 21^1 + 30^2 + 39^0 = 21 + 211 + 302 + 390 \\
 924 &:= 2^7 + 3^6 + 20^0 + 66^1 = 27 + 36 + 200 + 661
 \end{aligned}$$

$$\begin{aligned}
 924 &:= 3^0 + 9^2 + 29^2 + 51^0 = 30 + 92 + 292 + 510 \\
 924 &:= 3^1 + 20^1 + 30^2 + 39^0 = 31 + 201 + 302 + 390 \\
 924 &:= 4^0 + 9^2 + 29^2 + 50^0 = 40 + 92 + 292 + 500 \\
 924 &:= 4^1 + 19^1 + 30^2 + 39^0 = 41 + 191 + 302 + 390 \\
 924 &:= 5^0 + 9^2 + 29^2 + 49^0 = 50 + 92 + 292 + 490 \\
 924 &:= 5^1 + 18^1 + 30^2 + 39^0 = 51 + 181 + 302 + 390 \\
 924 &:= 6^0 + 9^2 + 29^2 + 48^0 = 60 + 92 + 292 + 480 \\
 924 &:= 6^1 + 17^1 + 30^2 + 39^0 = 61 + 171 + 302 + 390
 \end{aligned}$$

$924 := 7^0 + 9^2 + 29^2 + 47^0$	$= 70 + 92 + 292 + 470$	$924 := 9^2 + 18^0 + 29^2 + 36^0$	$= 92 + 180 + 292 + 360$
$924 := 7^1 + 16^1 + 30^2 + 39^0$	$= 71 + 161 + 302 + 390$	$924 := 9^2 + 19^0 + 29^2 + 35^0$	$= 92 + 190 + 292 + 350$
$924 := 8^0 + 9^2 + 29^2 + 46^0$	$= 80 + 92 + 292 + 460$	$924 := 9^2 + 20^0 + 29^2 + 34^0$	$= 92 + 200 + 292 + 340$
$924 := 8^1 + 15^1 + 30^2 + 39^0$	$= 81 + 151 + 302 + 390$	$924 := 9^2 + 21^0 + 29^2 + 33^0$	$= 92 + 210 + 292 + 330$
$924 := 9^0 + 9^2 + 29^2 + 45^0$	$= 90 + 92 + 292 + 450$	$924 := 9^2 + 22^0 + 29^2 + 32^0$	$= 92 + 220 + 292 + 320$
$924 := 9^1 + 14^1 + 30^2 + 39^0$	$= 91 + 141 + 302 + 390$	$924 := 9^2 + 23^0 + 29^2 + 31^0$	$= 92 + 230 + 292 + 310$
$924 := 9^2 + 10^0 + 29^2 + 44^0$	$= 92 + 100 + 292 + 440$	$924 := 9^2 + 24^0 + 29^2 + 30^0$	$= 92 + 240 + 292 + 300$
$924 := 9^2 + 11^0 + 29^2 + 43^0$	$= 92 + 110 + 292 + 430$	$924 := 9^2 + 25^0 + 29^0 + 29^2$	$= 92 + 250 + 290 + 292$
$924 := 9^2 + 12^0 + 29^2 + 42^0$	$= 92 + 120 + 292 + 420$	$924 := 9^2 + 26^0 + 28^0 + 29^2$	$= 92 + 260 + 280 + 292$
$924 := 9^2 + 13^0 + 29^2 + 41^0$	$= 92 + 130 + 292 + 410$	$924 := 9^2 + 27^0 + 27^0 + 29^2$	$= 92 + 270 + 270 + 292$
$924 := 9^2 + 14^0 + 29^2 + 40^0$	$= 92 + 140 + 292 + 400$	$924 := 1^9 + 13^2 + 24^1 + 26^0 + 27^2$	$= 19 + 132 + 241 + 260 + 272$
$924 := 9^2 + 15^0 + 29^2 + 39^0$	$= 92 + 150 + 292 + 390$	$924 := 1^9 + 18^2 + 22^1 + 24^2 + 26^0$	$= 19 + 182 + 221 + 242 + 260$
$924 := 9^2 + 16^0 + 29^2 + 38^0$	$= 92 + 160 + 292 + 380$		
$924 := 9^2 + 17^0 + 29^2 + 37^0$	$= 92 + 170 + 292 + 370$		

2.2.826 Number 925

$925 := 1^2 + 23^1 + 30^2 + 38^0$	$= 12 + 231 + 302 + 380$	$925 := 1^9 + 12^2 + 24^1 + 27^1 + 27^2$	$= 19 + 122 + 241 + 271 + 272$
$925 := 1^8 + 3^4 + 28^2 + 59^1$	$= 18 + 34 + 282 + 591$	$925 := 1^9 + 12^2 + 25^1 + 26^1 + 27^2$	$= 19 + 122 + 251 + 261 + 272$
$925 := 10^0 + 20^2 + 22^2 + 40^1$	$= 100 + 202 + 222 + 401$	$925 := 10^0 + 13^2 + 17^0 + 25^1 + 27^2$	$= 100 + 132 + 170 + 251 + 272$
$925 := 10^1 + 17^2 + 25^2 + 40^0$	$= 101 + 172 + 252 + 400$	$925 := 10^0 + 15^2 + 19^0 + 22^1 + 26^2$	$= 100 + 152 + 190 + 221 + 262$
$925 := 10^2 + 14^0 + 28^2 + 40^1$	$= 102 + 140 + 282 + 401$	$925 := 10^0 + 17^0 + 18^2 + 23^1 + 24^2$	$= 100 + 170 + 182 + 231 + 242$
$925 := 11^2 + 19^1 + 28^2 + 34^0$	$= 112 + 191 + 282 + 340$	$925 := 11^0 + 13^2 + 16^0 + 25^1 + 27^2$	$= 110 + 132 + 160 + 251 + 272$
$925 := 13^2 + 26^0 + 26^1 + 27^2$	$= 132 + 260 + 261 + 272$	$925 := 11^0 + 15^2 + 18^0 + 22^1 + 26^2$	$= 110 + 152 + 180 + 221 + 262$
$925 := 15^2 + 23^1 + 26^2 + 28^0$	$= 152 + 231 + 262 + 280$	$925 := 11^0 + 16^0 + 18^2 + 23^1 + 24^2$	$= 110 + 160 + 182 + 231 + 242$
$925 := 16^0 + 19^2 + 23^2 + 34^1$	$= 160 + 192 + 232 + 341$	$925 := 12^0 + 13^2 + 15^0 + 25^1 + 27^2$	$= 120 + 132 + 150 + 251 + 272$
$925 := 18^2 + 24^1 + 24^2 + 26^0$	$= 182 + 241 + 242 + 260$	$925 := 12^0 + 15^0 + 18^2 + 23^1 + 24^2$	$= 120 + 150 + 182 + 231 + 242$
$925 := 2^0 + 12^2 + 27^2 + 51^1$	$= 20 + 122 + 272 + 511$	$925 := 12^0 + 15^2 + 17^0 + 22^1 + 26^2$	$= 120 + 152 + 170 + 221 + 262$
$925 := 2^1 + 9^2 + 29^2 + 52^0$	$= 21 + 92 + 292 + 520$	$925 := 13^0 + 13^2 + 14^0 + 25^1 + 27^2$	$= 130 + 132 + 140 + 251 + 272$
$925 := 2^2 + 20^1 + 30^2 + 40^0$	$= 22 + 201 + 302 + 400$	$925 := 13^0 + 14^0 + 18^2 + 23^1 + 24^2$	$= 130 + 140 + 182 + 231 + 242$
$925 := 3^2 + 15^1 + 30^2 + 44^0$	$= 32 + 151 + 302 + 440$	$925 := 13^0 + 15^2 + 16^0 + 22^1 + 26^2$	$= 130 + 152 + 160 + 221 + 262$
$925 := 4^2 + 8^1 + 30^2 + 50^0$	$= 42 + 81 + 302 + 500$	$925 := 14^0 + 15^0 + 15^2 + 22^1 + 26^2$	$= 140 + 150 + 152 + 221 + 262$
$925 := 6^2 + 10^0 + 29^2 + 47^1$	$= 62 + 100 + 292 + 471$	$925 := 2^0 + 13^2 + 25^0 + 25^1 + 27^2$	$= 20 + 132 + 250 + 251 + 272$
$925 := 7^2 + 22^0 + 29^2 + 34^1$	$= 72 + 220 + 292 + 341$	$925 := 2^0 + 15^2 + 22^1 + 26^2 + 27^0$	$= 20 + 152 + 221 + 262 + 270$
$925 := 8^0 + 16^2 + 25^2 + 43^1$	$= 80 + 162 + 252 + 431$	$925 := 2^0 + 18^2 + 23^1 + 24^2 + 25^0$	$= 20 + 182 + 231 + 242 + 250$
$925 := 8^0 + 21^2 + 21^2 + 42^1$	$= 80 + 212 + 212 + 421$	$925 := 3^0 + 13^2 + 24^0 + 25^1 + 27^2$	$= 30 + 132 + 240 + 251 + 272$
$925 := 8^2 + 19^1 + 29^2 + 36^0$	$= 82 + 191 + 292 + 360$	$925 := 3^0 + 15^2 + 22^1 + 26^0 + 26^2$	$= 30 + 152 + 221 + 260 + 262$
$925 := 1^0 + 13^2 + 25^1 + 26^0 + 27^2$	$= 10 + 132 + 251 + 260 + 272$	$925 := 3^0 + 18^2 + 23^1 + 24^0 + 24^2$	$= 30 + 182 + 231 + 240 + 242$
$925 := 1^0 + 18^2 + 23^1 + 24^2 + 26^0$	$= 10 + 182 + 231 + 242 + 260$	$925 := 4^0 + 13^2 + 23^0 + 25^1 + 27^2$	$= 40 + 132 + 230 + 251 + 272$

$$\begin{aligned}
 925 &:= 4^0 + 15^2 + 22^1 + 25^0 + 26^2 = 40 + 152 + 221 + 250 + 262 \\
 925 &:= 4^0 + 18^2 + 23^0 + 23^1 + 24^2 = 40 + 182 + 230 + 231 + 242 \\
 925 &:= 5^0 + 13^2 + 22^0 + 25^1 + 27^2 = 50 + 132 + 220 + 251 + 272 \\
 925 &:= 5^0 + 15^2 + 22^1 + 24^0 + 26^2 = 50 + 152 + 221 + 240 + 262 \\
 925 &:= 5^0 + 18^2 + 22^0 + 23^1 + 24^2 = 50 + 182 + 220 + 231 + 242 \\
 925 &:= 6^0 + 13^2 + 21^0 + 25^1 + 27^2 = 60 + 132 + 210 + 251 + 272 \\
 925 &:= 6^0 + 15^2 + 22^1 + 23^0 + 26^2 = 60 + 152 + 221 + 230 + 262 \\
 925 &:= 6^0 + 18^2 + 21^0 + 23^1 + 24^2 = 60 + 182 + 210 + 231 + 242 \\
 925 &:= 7^0 + 13^2 + 20^0 + 25^1 + 27^2 = 70 + 132 + 200 + 251 + 272 \\
 925 &:= 7^0 + 15^2 + 22^0 + 22^1 + 26^2 = 70 + 152 + 220 + 221 + 262 \\
 925 &:= 7^0 + 18^2 + 20^0 + 23^1 + 24^2 = 70 + 182 + 200 + 231 + 242 \\
 925 &:= 8^0 + 13^2 + 19^0 + 25^1 + 27^2 = 80 + 132 + 190 + 251 + 272 \\
 925 &:= 8^0 + 15^2 + 21^0 + 22^1 + 26^2 = 80 + 152 + 210 + 221 + 262
 \end{aligned}$$

$$\begin{aligned}
 925 &:= 8^0 + 18^2 + 19^0 + 23^1 + 24^2 = 80 + 182 + 190 + 231 + 242 \\
 925 &:= 9^0 + 13^2 + 18^0 + 25^1 + 27^2 = 90 + 132 + 180 + 251 + 272 \\
 925 &:= 9^0 + 15^2 + 20^0 + 22^1 + 26^2 = 90 + 152 + 200 + 221 + 262 \\
 925 &:= 9^0 + 18^0 + 18^2 + 23^1 + 24^2 = 90 + 180 + 182 + 231 + 242 \\
 925 &:= 9^1 + 14^0 + 17^2 + 25^2 + 27^0 = 91 + 140 + 172 + 252 + 270 \\
 925 &:= 9^1 + 15^0 + 17^2 + 25^2 + 26^0 = 91 + 150 + 172 + 252 + 260 \\
 925 &:= 9^1 + 16^0 + 17^2 + 25^0 + 25^2 = 91 + 160 + 172 + 250 + 252 \\
 925 &:= 9^1 + 17^0 + 17^2 + 24^0 + 25^2 = 91 + 170 + 172 + 240 + 252 \\
 925 &:= 9^1 + 17^2 + 18^0 + 23^0 + 25^2 = 91 + 172 + 180 + 230 + 252 \\
 925 &:= 9^1 + 17^2 + 19^0 + 22^0 + 25^2 = 91 + 172 + 190 + 220 + 252 \\
 925 &:= 9^1 + 17^2 + 20^0 + 21^0 + 25^2 = 91 + 172 + 200 + 210 + 252
 \end{aligned}$$

2.2.827 Number 926

$$\begin{aligned}
 926 &:= 1^1 + 12^2 + 27^2 + 52^1 = 11 + 122 + 272 + 521 \\
 926 &:= 1^3 + 24^1 + 30^2 + 37^0 = 13 + 241 + 302 + 370 \\
 926 &:= 10^1 + 12^2 + 27^2 + 43^1 = 101 + 122 + 272 + 431 \\
 926 &:= 11^1 + 12^2 + 27^2 + 42^1 = 111 + 122 + 272 + 421 \\
 926 &:= 12^1 + 12^2 + 27^2 + 41^1 = 121 + 122 + 272 + 411 \\
 926 &:= 12^2 + 13^1 + 27^2 + 40^1 = 122 + 131 + 272 + 401 \\
 926 &:= 12^2 + 14^1 + 27^2 + 39^1 = 122 + 141 + 272 + 391 \\
 926 &:= 12^2 + 15^1 + 27^2 + 38^1 = 122 + 151 + 272 + 381 \\
 926 &:= 12^2 + 16^1 + 27^2 + 37^1 = 122 + 161 + 272 + 371 \\
 926 &:= 12^2 + 17^1 + 27^2 + 36^1 = 122 + 171 + 272 + 361 \\
 926 &:= 12^2 + 18^1 + 27^2 + 35^1 = 122 + 181 + 272 + 351 \\
 926 &:= 12^2 + 19^1 + 27^2 + 34^1 = 122 + 191 + 272 + 341 \\
 926 &:= 12^2 + 20^1 + 27^2 + 33^1 = 122 + 201 + 272 + 331 \\
 926 &:= 12^2 + 21^1 + 27^2 + 32^1 = 122 + 211 + 272 + 321 \\
 926 &:= 12^2 + 22^1 + 27^2 + 31^1 = 122 + 221 + 272 + 311 \\
 926 &:= 12^2 + 23^1 + 27^2 + 30^1 = 122 + 231 + 272 + 301 \\
 926 &:= 12^2 + 24^1 + 27^2 + 29^1 = 122 + 241 + 272 + 291 \\
 926 &:= 12^2 + 25^1 + 27^2 + 28^1 = 122 + 251 + 272 + 281 \\
 926 &:= 12^2 + 26^1 + 27^1 + 27^2 = 122 + 261 + 271 + 272 \\
 926 &:= 2^1 + 12^2 + 27^2 + 51^1 = 21 + 122 + 272 + 511 \\
 926 &:= 2^3 + 17^1 + 30^2 + 43^0 = 23 + 171 + 302 + 430 \\
 926 &:= 3^0 + 3^3 + 29^2 + 57^1 = 30 + 33 + 292 + 571 \\
 926 &:= 3^1 + 12^2 + 27^2 + 50^1 = 31 + 122 + 272 + 501
 \end{aligned}$$

$$\begin{aligned}
 926 &:= 3^2 + 4^2 + 30^2 + 55^0 = 32 + 42 + 302 + 550 \\
 926 &:= 4^1 + 12^2 + 27^2 + 49^1 = 41 + 122 + 272 + 491 \\
 926 &:= 4^3 + 20^1 + 29^2 + 39^0 = 43 + 201 + 292 + 390 \\
 926 &:= 5^1 + 12^2 + 27^2 + 48^1 = 51 + 122 + 272 + 481 \\
 926 &:= 5^2 + 18^2 + 24^2 + 45^0 = 52 + 182 + 242 + 450 \\
 926 &:= 5^3 + 16^1 + 28^2 + 43^0 = 53 + 161 + 282 + 430 \\
 926 &:= 6^1 + 12^2 + 27^2 + 47^1 = 61 + 122 + 272 + 471 \\
 926 &:= 6^1 + 7^3 + 24^2 + 55^0 = 61 + 73 + 242 + 550 \\
 926 &:= 6^3 + 26^2 + 27^0 + 33^1 = 63 + 262 + 270 + 331 \\
 926 &:= 7^1 + 12^2 + 27^2 + 46^1 = 71 + 122 + 272 + 461 \\
 926 &:= 7^3 + 9^0 + 23^2 + 53^1 = 73 + 90 + 232 + 531 \\
 926 &:= 8^1 + 12^2 + 27^2 + 45^1 = 81 + 122 + 272 + 451 \\
 926 &:= 8^3 + 13^0 + 19^2 + 52^1 = 83 + 130 + 192 + 521 \\
 926 &:= 8^3 + 13^1 + 20^2 + 51^0 = 83 + 131 + 202 + 510 \\
 926 &:= 9^1 + 12^2 + 27^2 + 44^1 = 91 + 122 + 272 + 441 \\
 926 &:= 9^3 + 12^2 + 19^0 + 52^1 = 93 + 122 + 190 + 521 \\
 926 &:= 9^3 + 13^2 + 27^1 + 43^0 = 93 + 132 + 271 + 430 \\
 926 &:= 1^0 + 12^2 + 25^1 + 27^1 + 27^2 = 10 + 122 + 251 + 271 + 272 \\
 926 &:= 1^0 + 12^2 + 26^1 + 26^1 + 27^2 = 10 + 122 + 261 + 261 + 272 \\
 926 &:= 1^1 + 13^2 + 25^0 + 26^1 + 27^2 = 11 + 132 + 250 + 261 + 272 \\
 926 &:= 1^1 + 15^2 + 23^1 + 26^2 + 27^0 = 11 + 152 + 231 + 262 + 270 \\
 926 &:= 1^1 + 18^2 + 24^1 + 24^2 + 25^0 = 11 + 182 + 241 + 242 + 250 \\
 926 &:= 10^1 + 13^2 + 17^1 + 25^0 + 27^2 = 101 + 132 + 171 + 250 + 272
 \end{aligned}$$

2.2.829 Number 928

$928 := 1^2 + 3^3 + 29^2 + 59^1$	$= 12 + 33 + 292 + 591$	$928 := 3^3 + 12^2 + 23^0 + 27^1 + 27^2$	$= 33 + 122 + 230 + 271 + 272$
$928 := 1^5 + 26^1 + 30^2 + 35^0$	$= 15 + 261 + 302 + 350$	$928 := 3^4 + 13^2 + 23^0 + 26^2 + 27^0$	$= 34 + 132 + 230 + 262 + 270$
$928 := 2^3 + 7^3 + 24^2 + 59^0$	$= 23 + 73 + 242 + 590$	$928 := 3^4 + 13^2 + 24^0 + 26^0 + 26^2$	$= 34 + 132 + 240 + 260 + 262$
$928 := 2^5 + 7^0 + 29^2 + 54^1$	$= 25 + 70 + 292 + 541$	$928 := 3^4 + 13^2 + 25^0 + 25^0 + 26^2$	$= 34 + 132 + 250 + 250 + 262$
$928 := 3^2 + 9^3 + 11^2 + 69^1$	$= 32 + 93 + 112 + 691$	$928 := 3^4 + 19^2 + 21^0 + 22^2 + 27^0$	$= 34 + 192 + 210 + 222 + 270$
$928 := 3^3 + 11^2 + 27^2 + 51^1$	$= 33 + 112 + 272 + 511$	$928 := 3^4 + 19^2 + 22^0 + 22^2 + 26^0$	$= 34 + 192 + 220 + 222 + 260$
$928 := 3^3 + 18^2 + 23^2 + 48^1$	$= 33 + 182 + 232 + 481$	$928 := 3^4 + 19^2 + 22^2 + 23^0 + 25^0$	$= 34 + 192 + 222 + 230 + 250$
$928 := 3^3 + 8^2 + 28^2 + 53^1$	$= 33 + 82 + 282 + 531$	$928 := 3^4 + 19^2 + 22^2 + 24^0 + 24^0$	$= 34 + 192 + 222 + 240 + 240$
$928 := 3^5 + 5^0 + 25^2 + 59^1$	$= 35 + 50 + 252 + 591$	$928 := 3^6 + 14^2 + 21^0 + 27^0 + 27^0$	$= 36 + 142 + 210 + 270 + 270$
$928 := 3^5 + 8^1 + 26^2 + 55^0$	$= 35 + 81 + 262 + 550$	$928 := 3^6 + 14^2 + 22^0 + 26^0 + 27^0$	$= 36 + 142 + 220 + 260 + 270$
$928 := 4^3 + 5^2 + 28^2 + 55^1$	$= 43 + 52 + 282 + 551$	$928 := 3^6 + 14^2 + 23^0 + 25^0 + 27^0$	$= 36 + 142 + 230 + 250 + 270$
$928 := 5^3 + 15^2 + 23^2 + 49^1$	$= 53 + 152 + 232 + 491$	$928 := 3^6 + 14^2 + 23^0 + 26^0 + 26^0$	$= 36 + 142 + 230 + 260 + 260$
$928 := 1^3 + 15^2 + 25^0 + 25^1 + 26^2$	$= 13 + 152 + 250 + 251 + 262$	$928 := 3^6 + 14^2 + 24^0 + 24^0 + 27^0$	$= 36 + 142 + 240 + 240 + 270$
$928 := 1^3 + 18^2 + 23^0 + 24^2 + 26^1$	$= 13 + 182 + 230 + 242 + 261$	$928 := 3^6 + 14^2 + 24^0 + 25^0 + 26^0$	$= 36 + 142 + 240 + 250 + 260$
$928 := 1^4 + 14^2 + 23^0 + 27^0 + 27^2$	$= 14 + 142 + 230 + 270 + 272$	$928 := 3^6 + 14^2 + 25^0 + 25^0 + 25^0$	$= 36 + 142 + 250 + 250 + 250$
$928 := 1^4 + 14^2 + 24^0 + 26^0 + 27^2$	$= 14 + 142 + 240 + 260 + 272$	$928 := 4^2 + 17^2 + 20^1 + 24^2 + 27^1$	$= 42 + 172 + 201 + 242 + 271$
$928 := 1^4 + 14^2 + 25^0 + 25^0 + 27^2$	$= 14 + 142 + 250 + 250 + 272$	$928 := 4^2 + 17^2 + 21^1 + 24^2 + 26^1$	$= 42 + 172 + 211 + 242 + 261$
$928 := 1^4 + 21^0 + 21^2 + 22^2 + 27^0$	$= 14 + 210 + 212 + 222 + 270$	$928 := 4^2 + 17^2 + 22^1 + 24^2 + 25^1$	$= 42 + 172 + 221 + 242 + 251$
$928 := 1^4 + 21^2 + 22^0 + 22^2 + 26^0$	$= 14 + 212 + 220 + 222 + 260$	$928 := 4^2 + 17^2 + 23^1 + 24^1 + 24^2$	$= 42 + 172 + 231 + 241 + 242$
$928 := 1^4 + 21^2 + 22^2 + 23^0 + 25^0$	$= 14 + 212 + 222 + 230 + 250$	$928 := 4^3 + 20^2 + 21^2 + 22^1 + 25^0$	$= 43 + 202 + 212 + 221 + 250$
$928 := 1^4 + 21^2 + 22^2 + 24^0 + 24^0$	$= 14 + 212 + 222 + 240 + 240$	$928 := 4^4 + 17^0 + 19^1 + 25^2 + 27^1$	$= 44 + 170 + 191 + 252 + 271$
$928 := 10^2 + 16^1 + 16^2 + 23^2 + 27^1$	$= 102 + 161 + 162 + 232 + 271$	$928 := 4^4 + 17^0 + 20^1 + 25^2 + 26^1$	$= 44 + 170 + 201 + 252 + 261$
$928 := 10^2 + 16^2 + 17^1 + 23^2 + 26^1$	$= 102 + 162 + 171 + 232 + 261$	$928 := 4^4 + 17^0 + 21^1 + 25^1 + 25^2$	$= 44 + 170 + 211 + 251 + 252$
$928 := 10^2 + 16^2 + 18^1 + 23^2 + 25^1$	$= 102 + 162 + 181 + 232 + 251$	$928 := 4^4 + 17^0 + 22^1 + 24^1 + 25^2$	$= 44 + 170 + 221 + 241 + 252$
$928 := 10^2 + 16^2 + 19^1 + 23^2 + 24^1$	$= 102 + 162 + 191 + 232 + 241$	$928 := 4^4 + 17^0 + 23^1 + 23^1 + 25^2$	$= 44 + 170 + 231 + 231 + 252$
$928 := 10^2 + 16^2 + 20^1 + 23^1 + 23^2$	$= 102 + 162 + 201 + 231 + 232$	$928 := 5^3 + 10^2 + 25^0 + 26^1 + 26^2$	$= 53 + 102 + 250 + 261 + 262$
$928 := 10^2 + 16^2 + 21^1 + 22^1 + 23^2$	$= 102 + 162 + 211 + 221 + 232$	$928 := 5^4 + 16^2 + 19^1 + 25^0 + 27^1$	$= 54 + 162 + 191 + 250 + 271$
$928 := 11^2 + 15^1 + 18^2 + 21^2 + 27^1$	$= 112 + 151 + 182 + 212 + 271$	$928 := 5^4 + 16^2 + 20^1 + 25^0 + 26^1$	$= 54 + 162 + 201 + 250 + 261$
$928 := 11^2 + 16^1 + 18^2 + 21^2 + 26^1$	$= 112 + 161 + 182 + 212 + 261$	$928 := 5^4 + 16^2 + 21^1 + 25^0 + 25^1$	$= 54 + 162 + 211 + 250 + 251$
$928 := 11^2 + 17^1 + 18^2 + 21^2 + 25^1$	$= 112 + 171 + 182 + 212 + 251$	$928 := 5^4 + 16^2 + 22^1 + 24^1 + 25^0$	$= 54 + 162 + 221 + 241 + 250$
$928 := 11^2 + 18^1 + 18^2 + 21^2 + 24^1$	$= 112 + 181 + 182 + 212 + 241$	$928 := 5^4 + 16^2 + 23^1 + 23^1 + 25^0$	$= 54 + 162 + 231 + 231 + 250$
$928 := 11^2 + 18^2 + 19^1 + 21^2 + 23^1$	$= 112 + 182 + 191 + 212 + 231$	$928 := 6^2 + 13^2 + 20^1 + 26^2 + 27^1$	$= 62 + 132 + 201 + 262 + 271$
$928 := 11^2 + 18^2 + 20^1 + 21^2 + 22^1$	$= 112 + 182 + 201 + 212 + 221$	$928 := 6^2 + 13^2 + 21^1 + 26^1 + 26^2$	$= 62 + 132 + 211 + 261 + 262$
$928 := 11^2 + 18^2 + 21^1 + 21^1 + 21^2$	$= 112 + 182 + 211 + 211 + 212$	$928 := 6^2 + 13^2 + 22^1 + 25^1 + 26^2$	$= 62 + 132 + 221 + 251 + 262$
$928 := 2^2 + 12^2 + 24^1 + 27^1 + 27^2$	$= 22 + 122 + 241 + 271 + 272$	$928 := 6^2 + 13^2 + 23^1 + 24^1 + 26^2$	$= 62 + 132 + 231 + 241 + 262$
$928 := 2^2 + 12^2 + 25^1 + 26^1 + 27^2$	$= 22 + 122 + 251 + 261 + 272$	$928 := 6^3 + 17^2 + 20^2 + 22^1 + 27^0$	$= 63 + 172 + 202 + 221 + 270$

$$928 := 6^3 + 18^2 + 19^2 + 23^0 + 26^1 = 63 + 182 + 192 + 230 + 261$$
$$928 := 7^3 + 14^2 + 19^2 + 25^0 + 27^1 = 73 + 142 + 192 + 250 + 271$$

2.2.830 Number 929

$$929 := 1^4 + 3^3 + 30^2 + 58^0 = 14 + 33 + 302 + 580$$
$$929 := 1^6 + 27^1 + 30^2 + 34^0 = 16 + 271 + 302 + 340$$
$$929 := 2^4 + 8^3 + 20^2 + 62^0 = 24 + 83 + 202 + 620$$
$$929 := 2^6 + 23^1 + 29^2 + 38^0 = 26 + 231 + 292 + 380$$
$$929 := 3^1 + 3^6 + 14^2 + 72^0 = 31 + 36 + 142 + 720$$
$$929 := 3^2 + 3^5 + 26^2 + 60^0 = 32 + 35 + 262 + 600$$
$$929 := 3^5 + 18^2 + 19^2 + 52^0 = 35 + 182 + 192 + 520$$
$$929 := 3^6 + 12^2 + 22^0 + 55^1 = 36 + 122 + 220 + 551$$
$$929 := 3^6 + 13^2 + 30^1 + 46^0 = 36 + 132 + 301 + 460$$
$$929 := 4^4 + 5^4 + 36^0 + 47^1 = 44 + 54 + 360 + 471$$
$$929 := 1^4 + 15^2 + 24^0 + 26^1 + 26^2 = 14 + 152 + 240 + 261 + 262$$
$$929 := 1^4 + 18^2 + 22^0 + 24^2 + 27^1 = 14 + 182 + 220 + 242 + 271$$
$$929 := 2^4 + 19^2 + 22^1 + 23^2 + 26^0 = 24 + 192 + 221 + 232 + 260$$
$$929 := 3^4 + 12^2 + 24^0 + 26^2 + 27^1 = 34 + 122 + 240 + 262 + 271$$
$$929 := 3^4 + 14^2 + 24^0 + 25^2 + 26^1 = 34 + 142 + 240 + 252 + 261$$

2.2.831 Number 930

$$930 := 1^6 + 12^2 + 28^2 + 51^0 = 16 + 122 + 282 + 510$$
$$930 := 1^7 + 28^1 + 30^2 + 33^0 = 17 + 281 + 302 + 330$$
$$930 := 2^2 + 3^6 + 14^2 + 73^0 = 22 + 36 + 142 + 730$$
$$930 := 2^6 + 17^2 + 24^2 + 49^0 = 26 + 172 + 242 + 490$$
$$930 := 2^6 + 9^2 + 28^2 + 53^0 = 26 + 92 + 282 + 530$$
$$930 := 2^7 + 17^1 + 28^2 + 45^0 = 27 + 171 + 282 + 450$$
$$930 := 3^5 + 5^4 + 23^0 + 61^1 = 35 + 54 + 230 + 611$$
$$930 := 3^6 + 10^2 + 10^2 + 69^0 = 36 + 102 + 102 + 690$$
$$930 := 3^6 + 5^3 + 9^0 + 75^1 = 36 + 53 + 90 + 751$$
$$930 := 1^5 + 15^2 + 23^0 + 26^2 + 27^1 = 15 + 152 + 230 + 262 + 271$$
$$930 := 2^4 + 17^2 + 22^1 + 24^2 + 27^1 = 24 + 172 + 221 + 242 + 271$$
$$930 := 2^4 + 17^2 + 23^1 + 24^2 + 26^1 = 24 + 172 + 231 + 242 + 261$$
$$930 := 2^4 + 17^2 + 24^1 + 24^2 + 25^1 = 24 + 172 + 241 + 242 + 251$$
$$930 := 2^5 + 12^2 + 24^1 + 27^0 + 27^2 = 25 + 122 + 241 + 270 + 272$$
$$930 := 2^5 + 14^2 + 25^0 + 25^1 + 26^2 = 25 + 142 + 250 + 251 + 262$$
$$930 := 3^4 + 11^2 + 25^1 + 26^2 + 27^1 = 34 + 112 + 251 + 262 + 271$$
$$930 := 3^4 + 11^2 + 26^1 + 26^1 + 26^2 = 34 + 112 + 261 + 261 + 262$$
$$930 := 3^4 + 20^2 + 20^2 + 22^1 + 27^1 = 34 + 202 + 202 + 221 + 271$$
$$930 := 3^4 + 20^2 + 20^2 + 23^1 + 26^1 = 34 + 202 + 202 + 231 + 261$$
$$930 := 3^4 + 20^2 + 20^2 + 24^1 + 25^1 = 34 + 202 + 202 + 241 + 251$$

2.2.832 Number 931

$$931 := 1^7 + 20^2 + 23^2 + 48^0 = 17 + 202 + 232 + 480$$
$$931 := 1^8 + 29^1 + 30^2 + 32^0 = 18 + 291 + 302 + 320$$
$$931 := 2^7 + 19^2 + 21^2 + 50^0 = 27 + 192 + 212 + 500$$
$$931 := 2^7 + 8^0 + 9^3 + 73^1 = 27 + 80 + 93 + 731$$
$$931 := 2^8 + 16^0 + 25^2 + 49^1 = 28 + 160 + 252 + 491$$
$$931 := 2^6 + 20^2 + 21^2 + 24^0 + 25^1 = 26 + 202 + 212 + 240 + 251$$
$$931 := 2^7 + 15^2 + 24^0 + 24^2 + 27^0 = 27 + 152 + 240 + 242 + 270$$
$$931 := 2^7 + 15^2 + 24^2 + 25^0 + 26^0 = 27 + 152 + 242 + 250 + 260$$

2.2.833 Number 932

$$932 := 1^4 + 3^5 + 25^2 + 63^1 = 14 + 35 + 252 + 631$$
$$932 := 1^5 + 5^3 + 9^3 + 77^1 = 15 + 53 + 93 + 771$$
$$932 := 1^5 + 7^3 + 8^3 + 76^1 = 15 + 73 + 83 + 761$$
$$932 := 1^7 + 16^2 + 25^2 + 50^1 = 17 + 162 + 252 + 501$$
$$932 := 1^7 + 21^2 + 21^2 + 49^1 = 17 + 212 + 212 + 491$$
$$932 := 1^9 + 30^1 + 30^2 + 31^0 = 19 + 301 + 302 + 310$$

$$\begin{aligned}
 932 &:= 2^7 + 4^2 + 27^2 + 59^1 &= 27 + 42 + 272 + 591 \\
 932 &:= 2^9 + 13^0 + 19^2 + 58^1 &= 29 + 130 + 192 + 581 \\
 932 &:= 2^9 + 19^1 + 20^2 + 51^0 &= 29 + 191 + 202 + 510 \\
 932 &:= 3^3 + 3^6 + 10^2 + 76^1 &= 33 + 36 + 102 + 761 \\
 932 &:= 3^4 + 3^6 + 11^2 + 75^0 &= 34 + 36 + 112 + 750 \\
 932 &:= 4^4 + 4^4 + 7^3 + 77^1 &= 44 + 44 + 73 + 771 \\
 932 &:= 1^6 + 16^2 + 23^1 + 25^2 + 27^1 &= 16 + 162 + 231 + 252 + 271 \\
 932 &:= 1^6 + 16^2 + 24^1 + 25^2 + 26^1 &= 16 + 162 + 241 + 252 + 261 \\
 932 &:= 1^6 + 16^2 + 25^1 + 25^1 + 25^2 &= 16 + 162 + 251 + 251 + 252 \\
 932 &:= 1^6 + 21^2 + 21^2 + 22^1 + 27^1 &= 16 + 212 + 212 + 221 + 271 \\
 932 &:= 1^6 + 21^2 + 21^2 + 23^1 + 26^1 &= 16 + 212 + 212 + 231 + 261 \\
 932 &:= 1^6 + 21^2 + 21^2 + 24^1 + 25^1 &= 16 + 212 + 212 + 241 + 251 \\
 932 &:= 1^8 + 20^2 + 21^0 + 23^2 + 27^0 &= 18 + 202 + 210 + 232 + 270
 \end{aligned}$$

$$\begin{aligned}
 932 &:= 1^8 + 20^2 + 22^0 + 23^2 + 26^0 &= 18 + 202 + 220 + 232 + 260 \\
 932 &:= 1^8 + 20^2 + 23^0 + 23^2 + 25^0 &= 18 + 202 + 230 + 232 + 250 \\
 932 &:= 1^8 + 20^2 + 23^2 + 24^0 + 24^0 &= 18 + 202 + 232 + 240 + 240 \\
 932 &:= 2^6 + 17^2 + 23^1 + 23^2 + 27^1 &= 26 + 172 + 231 + 232 + 271 \\
 932 &:= 2^6 + 17^2 + 23^2 + 24^1 + 26^1 &= 26 + 172 + 232 + 241 + 261 \\
 932 &:= 2^6 + 17^2 + 23^2 + 25^1 + 25^1 &= 26 + 172 + 232 + 251 + 251 \\
 932 &:= 2^7 + 10^2 + 26^2 + 27^0 + 27^1 &= 27 + 102 + 262 + 270 + 271 \\
 932 &:= 2^8 + 15^0 + 23^1 + 25^2 + 27^1 &= 28 + 150 + 231 + 252 + 271 \\
 932 &:= 2^8 + 15^0 + 24^1 + 25^2 + 26^1 &= 28 + 150 + 241 + 252 + 261 \\
 932 &:= 2^8 + 15^0 + 25^1 + 25^1 + 25^2 &= 28 + 150 + 251 + 251 + 252 \\
 932 &:= 2^9 + 18^1 + 20^2 + 25^0 + 27^0 &= 29 + 181 + 202 + 250 + 270 \\
 932 &:= 2^9 + 18^1 + 20^2 + 26^0 + 26^0 &= 29 + 181 + 202 + 260 + 260
 \end{aligned}$$

2.2.834 Number 933

$$\begin{aligned}
 933 &:= 30^2 + 31^0 + 32^1 &= 302 + 310 + 321 \\
 933 &:= 1^0 + 30^2 + 31^0 + 31^1 &= 10 + 302 + 310 + 311 \\
 933 &:= 10^0 + 22^0 + 30^2 + 31^1 &= 100 + 220 + 302 + 311 \\
 933 &:= 11^0 + 21^0 + 30^2 + 31^1 &= 110 + 210 + 302 + 311 \\
 933 &:= 12^0 + 20^0 + 30^2 + 31^1 &= 120 + 200 + 302 + 311 \\
 933 &:= 13^0 + 19^0 + 30^2 + 31^1 &= 130 + 190 + 302 + 311 \\
 933 &:= 14^0 + 18^0 + 30^2 + 31^1 &= 140 + 180 + 302 + 311 \\
 933 &:= 15^0 + 17^0 + 30^2 + 31^1 &= 150 + 170 + 302 + 311 \\
 933 &:= 16^0 + 16^0 + 30^2 + 31^1 &= 160 + 160 + 302 + 311 \\
 933 &:= 2^0 + 30^0 + 30^2 + 31^1 &= 20 + 300 + 302 + 311 \\
 933 &:= 2^6 + 3^5 + 25^2 + 62^0 &= 26 + 35 + 252 + 620
 \end{aligned}$$

$$\begin{aligned}
 933 &:= 2^8 + 5^4 + 34^0 + 51^1 &= 28 + 54 + 340 + 511 \\
 933 &:= 2^9 + 6^0 + 7^3 + 77^1 &= 29 + 60 + 73 + 771 \\
 933 &:= 3^0 + 29^0 + 30^2 + 31^1 &= 30 + 290 + 302 + 311 \\
 933 &:= 4^0 + 28^0 + 30^2 + 31^1 &= 40 + 280 + 302 + 311 \\
 933 &:= 5^0 + 27^0 + 30^2 + 31^1 &= 50 + 270 + 302 + 311 \\
 933 &:= 6^0 + 26^0 + 30^2 + 31^1 &= 60 + 260 + 302 + 311 \\
 933 &:= 7^0 + 25^0 + 30^2 + 31^1 &= 70 + 250 + 302 + 311 \\
 933 &:= 8^0 + 24^0 + 30^2 + 31^1 &= 80 + 240 + 302 + 311 \\
 933 &:= 9^0 + 23^0 + 30^2 + 31^1 &= 90 + 230 + 302 + 311
 \end{aligned}$$

2.2.835 Number 934

$$\begin{aligned}
 934 &:= 1^0 + 16^2 + 26^2 + 50^0 &= 10 + 162 + 262 + 500 \\
 934 &:= 1^1 + 30^0 + 30^2 + 32^1 &= 11 + 300 + 302 + 321 \\
 934 &:= 1^4 + 2^8 + 26^2 + 63^0 &= 14 + 28 + 262 + 630 \\
 934 &:= 1^6 + 2^5 + 29^2 + 60^1 &= 16 + 25 + 292 + 601 \\
 934 &:= 1^7 + 2^5 + 30^2 + 59^0 &= 17 + 25 + 302 + 590 \\
 934 &:= 1^8 + 4^4 + 26^2 + 61^0 &= 18 + 44 + 262 + 610 \\
 934 &:= 1^8 + 7^3 + 23^2 + 61^1 &= 18 + 73 + 232 + 611 \\
 934 &:= 1^9 + 20^2 + 22^2 + 49^1 &= 19 + 202 + 222 + 491 \\
 934 &:= 1^9 + 6^2 + 29^2 + 56^1 &= 19 + 62 + 292 + 561
 \end{aligned}$$

$$\begin{aligned}
 934 &:= 10^0 + 16^2 + 26^2 + 41^0 &= 100 + 162 + 262 + 410 \\
 934 &:= 10^1 + 23^1 + 30^0 + 30^2 &= 101 + 231 + 300 + 302 \\
 934 &:= 11^0 + 16^2 + 26^2 + 40^0 &= 110 + 162 + 262 + 400 \\
 934 &:= 11^1 + 22^1 + 30^0 + 30^2 &= 111 + 221 + 300 + 302 \\
 934 &:= 12^0 + 16^2 + 26^2 + 39^0 &= 120 + 162 + 262 + 390 \\
 934 &:= 12^1 + 21^1 + 30^0 + 30^2 &= 121 + 211 + 300 + 302 \\
 934 &:= 13^0 + 16^2 + 26^2 + 38^0 &= 130 + 162 + 262 + 380 \\
 934 &:= 13^1 + 20^1 + 30^0 + 30^2 &= 131 + 201 + 300 + 302 \\
 934 &:= 14^0 + 16^2 + 26^2 + 37^0 &= 140 + 162 + 262 + 370
 \end{aligned}$$

$934 := 14^1 + 19^1 + 30^0 + 30^2$	$= 141 + 191 + 300 + 302$	$934 := 3^0 + 16^2 + 26^2 + 48^0$	$= 30 + 162 + 262 + 480$
$934 := 15^0 + 16^2 + 26^2 + 36^0$	$= 150 + 162 + 262 + 360$	$934 := 3^1 + 30^0 + 30^1 + 30^2$	$= 31 + 300 + 301 + 302$
$934 := 15^1 + 18^1 + 30^0 + 30^2$	$= 151 + 181 + 300 + 302$	$934 := 4^0 + 16^2 + 26^2 + 47^0$	$= 40 + 162 + 262 + 470$
$934 := 16^0 + 16^2 + 26^2 + 35^0$	$= 160 + 162 + 262 + 350$	$934 := 4^1 + 29^1 + 30^0 + 30^2$	$= 41 + 291 + 300 + 302$
$934 := 16^1 + 17^1 + 30^0 + 30^2$	$= 161 + 171 + 300 + 302$	$934 := 5^0 + 16^2 + 26^2 + 46^0$	$= 50 + 162 + 262 + 460$
$934 := 16^2 + 17^0 + 26^2 + 34^0$	$= 162 + 170 + 262 + 340$	$934 := 5^1 + 28^1 + 30^0 + 30^2$	$= 51 + 281 + 300 + 302$
$934 := 16^2 + 18^0 + 26^2 + 33^0$	$= 162 + 180 + 262 + 330$	$934 := 6^0 + 16^2 + 26^2 + 45^0$	$= 60 + 162 + 262 + 450$
$934 := 16^2 + 19^0 + 26^2 + 32^0$	$= 162 + 190 + 262 + 320$	$934 := 6^1 + 27^1 + 30^0 + 30^2$	$= 61 + 271 + 300 + 302$
$934 := 16^2 + 20^0 + 26^2 + 31^0$	$= 162 + 200 + 262 + 310$	$934 := 7^0 + 16^2 + 26^2 + 44^0$	$= 70 + 162 + 262 + 440$
$934 := 16^2 + 21^0 + 26^2 + 30^0$	$= 162 + 210 + 262 + 300$	$934 := 7^1 + 26^1 + 30^0 + 30^2$	$= 71 + 261 + 300 + 302$
$934 := 16^2 + 22^0 + 26^2 + 29^0$	$= 162 + 220 + 262 + 290$	$934 := 8^0 + 16^2 + 26^2 + 43^0$	$= 80 + 162 + 262 + 430$
$934 := 16^2 + 23^0 + 26^2 + 28^0$	$= 162 + 230 + 262 + 280$	$934 := 8^1 + 25^1 + 30^0 + 30^2$	$= 81 + 251 + 300 + 302$
$934 := 16^2 + 24^0 + 26^2 + 27^0$	$= 162 + 240 + 262 + 270$	$934 := 9^0 + 16^2 + 26^2 + 42^0$	$= 90 + 162 + 262 + 420$
$934 := 16^2 + 25^0 + 26^0 + 26^2$	$= 162 + 250 + 260 + 262$	$934 := 9^1 + 24^1 + 30^0 + 30^2$	$= 91 + 241 + 300 + 302$
$934 := 2^0 + 16^2 + 26^2 + 49^0$	$= 20 + 162 + 262 + 490$	$934 := 1^8 + 20^2 + 22^1 + 22^2 + 27^1$	$= 18 + 202 + 221 + 222 + 271$
$934 := 2^1 + 30^0 + 30^2 + 31^1$	$= 21 + 300 + 302 + 311$	$934 := 1^8 + 20^2 + 22^2 + 23^1 + 26^1$	$= 18 + 202 + 222 + 231 + 261$
$934 := 2^4 + 2^7 + 27^2 + 61^1$	$= 24 + 27 + 272 + 611$	$934 := 1^8 + 20^2 + 22^2 + 24^1 + 25^1$	$= 18 + 202 + 222 + 241 + 251$
$934 := 2^7 + 3^6 + 11^0 + 76^1$	$= 27 + 36 + 110 + 761$		

2.2.836 Number 935

$935 := 20^2 + 22^2 + 51^1$	$= 202 + 222 + 511$	$935 := 5^2 + 9^1 + 30^2 + 49^0$	$= 52 + 91 + 302 + 490$
$935 := 6^2 + 29^2 + 58^1$	$= 62 + 292 + 581$	$935 := 6^1 + 12^2 + 28^2 + 47^0$	$= 61 + 122 + 282 + 470$
$935 := 1^0 + 20^2 + 22^2 + 50^1$	$= 10 + 202 + 222 + 501$	$935 := 6^2 + 29^2 + 58^1$	$= 62 + 292 + 581$
$935 := 1^0 + 6^2 + 29^2 + 57^1$	$= 10 + 62 + 292 + 571$	$935 := 7^0 + 19^2 + 23^2 + 44^1$	$= 70 + 192 + 232 + 441$
$935 := 1^2 + 29^0 + 30^2 + 33^1$	$= 12 + 290 + 302 + 331$	$935 := 7^2 + 13^0 + 29^2 + 44^1$	$= 72 + 130 + 292 + 441$
$935 := 11^2 + 25^0 + 28^2 + 29^1$	$= 112 + 250 + 282 + 291$	$935 := 8^2 + 27^0 + 29^1 + 29^2$	$= 82 + 270 + 291 + 292$
$935 := 13^2 + 17^0 + 27^2 + 36^1$	$= 132 + 170 + 272 + 361$	$935 := 9^1 + 14^2 + 27^2 + 43^0$	$= 91 + 142 + 272 + 430$
$935 := 15^2 + 19^0 + 26^2 + 33^1$	$= 152 + 190 + 262 + 331$	$935 := 9^1 + 21^2 + 22^2 + 41^0$	$= 91 + 212 + 222 + 410$
$935 := 17^0 + 18^2 + 24^2 + 34^1$	$= 170 + 182 + 242 + 341$	$935 := 9^2 + 12^1 + 29^2 + 43^0$	$= 92 + 121 + 292 + 430$
$935 := 17^2 + 20^1 + 25^2 + 31^0$	$= 172 + 201 + 252 + 310$	$935 := 1^1 + 16^2 + 23^0 + 26^2 + 27^0$	$= 11 + 162 + 230 + 262 + 270$
$935 := 2^1 + 16^2 + 26^2 + 49^0$	$= 21 + 162 + 262 + 490$	$935 := 1^1 + 16^2 + 24^0 + 26^0 + 26^2$	$= 11 + 162 + 240 + 260 + 262$
$935 := 2^2 + 30^1 + 30^2 + 31^0$	$= 22 + 301 + 302 + 310$	$935 := 1^1 + 16^2 + 25^0 + 25^0 + 26^2$	$= 11 + 162 + 250 + 250 + 262$
$935 := 20^2 + 22^2 + 51^1$	$= 202 + 222 + 511$	$935 := 10^0 + 17^2 + 19^1 + 22^0 + 25^2$	$= 100 + 172 + 191 + 220 + 252$
$935 := 3^2 + 25^1 + 30^2 + 35^0$	$= 32 + 251 + 302 + 350$	$935 := 11^0 + 17^2 + 19^1 + 21^0 + 25^2$	$= 110 + 172 + 191 + 210 + 252$
$935 := 4^2 + 18^1 + 30^2 + 41^0$	$= 42 + 181 + 302 + 410$	$935 := 12^0 + 17^2 + 19^1 + 20^0 + 25^2$	$= 120 + 172 + 191 + 200 + 252$
$935 := 5^0 + 10^2 + 28^2 + 50^1$	$= 50 + 102 + 282 + 501$	$935 := 13^0 + 17^2 + 19^0 + 19^1 + 25^2$	$= 130 + 172 + 190 + 191 + 252$
$935 := 5^1 + 20^2 + 23^2 + 45^0$	$= 51 + 202 + 232 + 450$	$935 := 14^0 + 17^2 + 18^0 + 19^1 + 25^2$	$= 140 + 172 + 180 + 191 + 252$

$$\begin{aligned}
 935 &:= 15^0 + 17^0 + 17^2 + 19^1 + 25^2 = 150 + 170 + 172 + 191 + 252 \\
 935 &:= 16^0 + 16^0 + 17^2 + 19^1 + 25^2 = 160 + 160 + 172 + 191 + 252 \\
 935 &:= 4^1 + 19^0 + 20^2 + 23^2 + 27^0 = 41 + 190 + 202 + 232 + 270 \\
 935 &:= 4^1 + 20^0 + 20^2 + 23^2 + 26^0 = 41 + 200 + 202 + 232 + 260 \\
 935 &:= 4^1 + 20^2 + 21^0 + 23^2 + 25^0 = 41 + 202 + 210 + 232 + 250 \\
 935 &:= 4^1 + 20^2 + 22^0 + 23^2 + 24^0 = 41 + 202 + 220 + 232 + 240 \\
 935 &:= 4^1 + 20^2 + 23^0 + 23^0 + 23^2 = 41 + 202 + 230 + 230 + 232 \\
 935 &:= 5^0 + 17^2 + 19^1 + 25^2 + 27^0 = 50 + 172 + 191 + 252 + 270 \\
 935 &:= 6^0 + 17^2 + 19^1 + 25^2 + 26^0 = 60 + 172 + 191 + 252 + 260 \\
 935 &:= 7^0 + 17^2 + 19^1 + 25^0 + 25^2 = 70 + 172 + 191 + 250 + 252 \\
 935 &:= 8^0 + 17^2 + 19^1 + 24^0 + 25^2 = 80 + 172 + 191 + 240 + 252 \\
 935 &:= 8^1 + 14^2 + 17^0 + 27^0 + 27^2 = 81 + 142 + 170 + 270 + 272 \\
 935 &:= 8^1 + 14^2 + 18^0 + 26^0 + 27^2 = 81 + 142 + 180 + 260 + 272
 \end{aligned}$$

$$\begin{aligned}
 935 &:= 8^1 + 14^2 + 19^0 + 25^0 + 27^2 = 81 + 142 + 190 + 250 + 272 \\
 935 &:= 8^1 + 14^2 + 20^0 + 24^0 + 27^2 = 81 + 142 + 200 + 240 + 272 \\
 935 &:= 8^1 + 14^2 + 21^0 + 23^0 + 27^2 = 81 + 142 + 210 + 230 + 272 \\
 935 &:= 8^1 + 14^2 + 22^0 + 22^0 + 27^2 = 81 + 142 + 220 + 220 + 272 \\
 935 &:= 8^1 + 15^0 + 21^2 + 22^2 + 27^0 = 81 + 150 + 212 + 222 + 270 \\
 935 &:= 8^1 + 16^0 + 21^2 + 22^2 + 26^0 = 81 + 160 + 212 + 222 + 260 \\
 935 &:= 8^1 + 17^0 + 21^2 + 22^2 + 25^0 = 81 + 170 + 212 + 222 + 250 \\
 935 &:= 8^1 + 18^0 + 21^2 + 22^2 + 24^0 = 81 + 180 + 212 + 222 + 240 \\
 935 &:= 8^1 + 19^0 + 21^2 + 22^2 + 23^0 = 81 + 190 + 212 + 222 + 230 \\
 935 &:= 8^1 + 20^0 + 21^2 + 22^0 + 22^2 = 81 + 200 + 212 + 220 + 222 \\
 935 &:= 8^1 + 21^0 + 21^0 + 21^2 + 22^2 = 81 + 210 + 210 + 212 + 222 \\
 935 &:= 9^0 + 17^2 + 19^1 + 23^0 + 25^2 = 90 + 172 + 191 + 230 + 252
 \end{aligned}$$

2.2.837 Number 936

$$\begin{aligned}
 936 &:= 1^3 + 28^0 + 30^2 + 34^1 = 13 + 280 + 302 + 341 \\
 936 &:= 2^3 + 27^1 + 30^2 + 34^0 = 23 + 271 + 302 + 340 \\
 936 &:= 2^6 + 2^6 + 9^3 + 79^1 = 26 + 26 + 93 + 791 \\
 936 &:= 3^3 + 8^1 + 30^2 + 52^0 = 33 + 81 + 302 + 520 \\
 936 &:= 4^0 + 8^3 + 19^2 + 62^1 = 40 + 83 + 192 + 621 \\
 936 &:= 4^3 + 29^2 + 30^0 + 30^1 = 43 + 292 + 300 + 301 \\
 936 &:= 5^3 + 26^1 + 28^2 + 34^0 = 53 + 261 + 282 + 340 \\
 936 &:= 6^3 + 18^0 + 26^2 + 43^1 = 63 + 180 + 262 + 431 \\
 936 &:= 7^3 + 16^1 + 24^2 + 46^0 = 73 + 161 + 242 + 460 \\
 936 &:= 8^3 + 20^2 + 23^1 + 42^0 = 83 + 202 + 231 + 420 \\
 936 &:= 9^3 + 10^0 + 12^2 + 62^1 = 93 + 100 + 122 + 621 \\
 936 &:= 9^3 + 10^1 + 14^2 + 60^0 = 93 + 101 + 142 + 600 \\
 936 &:= 9^3 + 13^2 + 34^0 + 37^1 = 93 + 132 + 340 + 371 \\
 936 &:= 10^1 + 13^2 + 16^0 + 27^1 + 27^2 = 101 + 132 + 160 + 271 + 272 \\
 936 &:= 10^1 + 15^2 + 18^0 + 24^1 + 26^2 = 101 + 152 + 180 + 241 + 262 \\
 936 &:= 10^1 + 16^0 + 18^2 + 24^2 + 25^1 = 101 + 160 + 182 + 242 + 251 \\
 936 &:= 11^1 + 13^2 + 16^0 + 26^1 + 27^2 = 111 + 132 + 160 + 261 + 272 \\
 936 &:= 11^1 + 15^2 + 18^0 + 23^1 + 26^2 = 111 + 152 + 180 + 231 + 262 \\
 936 &:= 11^1 + 16^0 + 18^2 + 24^1 + 24^2 = 111 + 160 + 182 + 241 + 242 \\
 936 &:= 12^1 + 13^2 + 16^0 + 25^1 + 27^2 = 121 + 132 + 160 + 251 + 272 \\
 936 &:= 12^1 + 15^2 + 18^0 + 22^1 + 26^2 = 121 + 152 + 180 + 221 + 262 \\
 936 &:= 12^1 + 16^0 + 18^2 + 23^1 + 24^2 = 121 + 160 + 182 + 231 + 242
 \end{aligned}$$

$$\begin{aligned}
 936 &:= 13^1 + 13^2 + 16^0 + 24^1 + 27^2 = 131 + 132 + 160 + 241 + 272 \\
 936 &:= 13^1 + 15^2 + 18^0 + 21^1 + 26^2 = 131 + 152 + 180 + 211 + 262 \\
 936 &:= 13^1 + 16^0 + 18^2 + 22^1 + 24^2 = 131 + 160 + 182 + 221 + 242 \\
 936 &:= 13^2 + 14^0 + 18^2 + 21^2 + 27^0 = 132 + 140 + 182 + 212 + 270 \\
 936 &:= 13^2 + 14^1 + 16^0 + 23^1 + 27^2 = 132 + 141 + 160 + 231 + 272 \\
 936 &:= 13^2 + 15^0 + 18^2 + 21^2 + 26^0 = 132 + 150 + 182 + 212 + 260 \\
 936 &:= 13^2 + 15^1 + 16^0 + 22^1 + 27^2 = 132 + 151 + 160 + 221 + 272 \\
 936 &:= 13^2 + 16^0 + 16^1 + 21^1 + 27^2 = 132 + 160 + 161 + 211 + 272 \\
 936 &:= 13^2 + 16^0 + 17^1 + 20^1 + 27^2 = 132 + 160 + 171 + 201 + 272 \\
 936 &:= 13^2 + 16^0 + 18^1 + 19^1 + 27^2 = 132 + 160 + 181 + 191 + 272 \\
 936 &:= 13^2 + 16^0 + 18^2 + 21^2 + 25^0 = 132 + 160 + 182 + 212 + 250 \\
 936 &:= 13^2 + 17^0 + 18^2 + 21^2 + 24^0 = 132 + 170 + 182 + 212 + 240 \\
 936 &:= 13^2 + 18^0 + 18^2 + 21^2 + 23^0 = 132 + 180 + 182 + 212 + 230 \\
 936 &:= 13^2 + 18^2 + 19^0 + 21^2 + 22^0 = 132 + 182 + 190 + 212 + 220 \\
 936 &:= 13^2 + 18^2 + 20^0 + 21^0 + 21^2 = 132 + 182 + 200 + 210 + 212 \\
 936 &:= 14^0 + 15^2 + 15^2 + 22^2 + 27^0 = 140 + 152 + 152 + 222 + 270 \\
 936 &:= 14^1 + 15^2 + 18^0 + 20^1 + 26^2 = 141 + 152 + 180 + 201 + 262 \\
 936 &:= 14^1 + 16^0 + 18^2 + 21^1 + 24^2 = 141 + 160 + 182 + 211 + 242 \\
 936 &:= 15^0 + 15^2 + 15^2 + 22^2 + 26^0 = 150 + 152 + 152 + 222 + 260 \\
 936 &:= 15^1 + 15^2 + 18^0 + 19^1 + 26^2 = 151 + 152 + 180 + 191 + 262 \\
 936 &:= 15^1 + 16^0 + 18^2 + 20^1 + 24^2 = 151 + 160 + 182 + 201 + 242 \\
 936 &:= 15^2 + 15^2 + 16^0 + 22^2 + 25^0 = 152 + 152 + 160 + 222 + 250
 \end{aligned}$$

$936 := 15^2 + 15^2 + 17^0 + 22^2 + 24^0 = 152 + 152 + 170 + 222 + 240$	$936 := 6^2 + 13^2 + 23^0 + 24^0 + 27^2 = 62 + 132 + 230 + 240 + 272$
$936 := 15^2 + 15^2 + 18^0 + 22^2 + 23^0 = 152 + 152 + 180 + 222 + 230$	$936 := 7^1 + 15^2 + 18^0 + 26^2 + 27^1 = 71 + 152 + 180 + 262 + 271$
$936 := 15^2 + 15^2 + 19^0 + 22^0 + 22^2 = 152 + 152 + 190 + 220 + 222$	$936 := 7^3 + 15^1 + 20^0 + 24^2 + 27^0 = 73 + 151 + 200 + 242 + 270$
$936 := 15^2 + 15^2 + 20^0 + 21^0 + 22^2 = 152 + 152 + 200 + 210 + 222$	$936 := 7^3 + 15^1 + 21^0 + 24^2 + 26^0 = 73 + 151 + 210 + 242 + 260$
$936 := 15^2 + 16^1 + 18^0 + 18^1 + 26^2 = 152 + 161 + 180 + 181 + 262$	$936 := 7^3 + 15^1 + 22^0 + 24^2 + 25^0 = 73 + 151 + 220 + 242 + 250$
$936 := 15^2 + 17^1 + 17^1 + 18^0 + 26^2 = 152 + 171 + 171 + 180 + 262$	$936 := 7^3 + 15^1 + 23^0 + 24^0 + 24^2 = 73 + 151 + 230 + 240 + 242$
$936 := 16^0 + 16^1 + 18^2 + 19^1 + 24^2 = 160 + 161 + 182 + 191 + 242$	$936 := 8^1 + 15^2 + 18^0 + 26^1 + 26^2 = 81 + 152 + 180 + 261 + 262$
$936 := 16^0 + 17^1 + 18^1 + 18^2 + 24^2 = 160 + 171 + 181 + 182 + 242$	$936 := 8^1 + 16^0 + 18^2 + 24^2 + 27^1 = 81 + 160 + 182 + 242 + 271$
$936 := 3^2 + 14^2 + 22^0 + 27^0 + 27^2 = 32 + 142 + 220 + 270 + 272$	$936 := 8^3 + 16^0 + 20^2 + 22^1 + 27^0 = 83 + 160 + 202 + 221 + 270$
$936 := 3^2 + 14^2 + 23^0 + 26^0 + 27^2 = 32 + 142 + 230 + 260 + 272$	$936 := 8^3 + 17^0 + 20^2 + 22^1 + 26^0 = 83 + 170 + 202 + 221 + 260$
$936 := 3^2 + 14^2 + 24^0 + 25^0 + 27^2 = 32 + 142 + 240 + 250 + 272$	$936 := 8^3 + 18^0 + 20^2 + 22^1 + 25^0 = 83 + 180 + 202 + 221 + 250$
$936 := 3^2 + 20^0 + 21^2 + 22^2 + 27^0 = 32 + 200 + 212 + 222 + 270$	$936 := 8^3 + 19^0 + 20^2 + 22^1 + 24^0 = 83 + 190 + 202 + 221 + 240$
$936 := 3^2 + 21^0 + 21^2 + 22^2 + 26^0 = 32 + 210 + 212 + 222 + 260$	$936 := 8^3 + 20^0 + 20^2 + 22^1 + 23^0 = 83 + 200 + 202 + 221 + 230$
$936 := 3^2 + 21^2 + 22^0 + 22^2 + 25^0 = 32 + 212 + 220 + 222 + 250$	$936 := 8^3 + 20^2 + 21^0 + 22^0 + 22^1 = 83 + 202 + 210 + 220 + 221$
$936 := 3^2 + 21^2 + 22^2 + 23^0 + 24^0 = 32 + 212 + 222 + 230 + 240$	$936 := 9^1 + 15^2 + 18^0 + 25^1 + 26^2 = 91 + 152 + 180 + 251 + 262$
$936 := 6^0 + 18^1 + 19^2 + 23^2 + 27^1 = 60 + 181 + 192 + 232 + 271$	$936 := 9^1 + 16^0 + 18^2 + 24^2 + 26^1 = 91 + 160 + 182 + 242 + 261$
$936 := 6^0 + 19^1 + 19^2 + 23^2 + 26^1 = 60 + 191 + 192 + 232 + 261$	$936 := 9^2 + 16^0 + 18^2 + 23^2 + 27^0 = 92 + 160 + 182 + 232 + 270$
$936 := 6^0 + 19^2 + 20^1 + 23^2 + 25^1 = 60 + 192 + 201 + 232 + 251$	$936 := 9^2 + 17^0 + 18^2 + 23^2 + 26^0 = 92 + 170 + 182 + 232 + 260$
$936 := 6^0 + 19^2 + 21^1 + 23^2 + 24^1 = 60 + 192 + 211 + 232 + 241$	$936 := 9^2 + 18^0 + 18^2 + 23^2 + 25^0 = 92 + 180 + 182 + 232 + 250$
$936 := 6^0 + 19^2 + 22^1 + 23^1 + 23^2 = 60 + 192 + 221 + 231 + 232$	$936 := 9^2 + 18^2 + 19^0 + 23^2 + 24^0 = 92 + 182 + 190 + 232 + 240$
$936 := 6^2 + 13^2 + 20^0 + 27^0 + 27^2 = 62 + 132 + 200 + 270 + 272$	$936 := 9^2 + 18^2 + 20^0 + 23^0 + 23^2 = 92 + 182 + 200 + 230 + 232$
$936 := 6^2 + 13^2 + 21^0 + 26^0 + 27^2 = 62 + 132 + 210 + 260 + 272$	$936 := 9^2 + 18^2 + 21^0 + 22^0 + 23^2 = 92 + 182 + 210 + 220 + 232$
$936 := 6^2 + 13^2 + 22^0 + 25^0 + 27^2 = 62 + 132 + 220 + 250 + 272$	

2.2.838 Number 937

$937 := 1^4 + 27^0 + 30^2 + 35^1 = 14 + 270 + 302 + 351$	$937 := 4^2 + 5^2 + 29^2 + 55^1 = 42 + 52 + 292 + 551$
$937 := 11^2 + 14^2 + 24^2 + 44^1 = 112 + 142 + 242 + 441$	$937 := 4^3 + 14^2 + 26^2 + 49^0 = 43 + 142 + 262 + 490$
$937 := 11^2 + 17^2 + 22^2 + 43^1 = 112 + 172 + 222 + 431$	$937 := 4^4 + 9^0 + 25^2 + 55^1 = 44 + 90 + 252 + 551$
$937 := 13^2 + 14^2 + 23^2 + 43^1 = 132 + 142 + 232 + 431$	$937 := 5^2 + 17^2 + 24^2 + 47^1 = 52 + 172 + 242 + 471$
$937 := 2^2 + 20^2 + 22^2 + 49^1 = 22 + 202 + 222 + 491$	$937 := 5^4 + 16^2 + 17^0 + 55^1 = 54 + 162 + 170 + 551$
$937 := 2^2 + 6^2 + 29^2 + 56^1 = 22 + 62 + 292 + 561$	$937 := 5^4 + 17^2 + 22^1 + 49^0 = 54 + 172 + 221 + 490$
$937 := 2^3 + 12^2 + 28^2 + 51^0 = 23 + 122 + 282 + 510$	$937 := 6^3 + 12^2 + 24^2 + 51^0 = 63 + 122 + 242 + 510$
$937 := 2^4 + 20^1 + 30^2 + 41^0 = 24 + 201 + 302 + 410$	$937 := 7^3 + 8^2 + 23^2 + 55^0 = 73 + 82 + 232 + 550$
$937 := 3^2 + 3^3 + 30^2 + 57^0 = 32 + 33 + 302 + 570$	$937 := 8^3 + 10^2 + 18^2 + 57^0 = 83 + 102 + 182 + 570$
$937 := 3^4 + 14^1 + 29^2 + 47^0 = 34 + 141 + 292 + 470$	$937 := 10^2 + 17^2 + 18^1 + 23^2 + 25^0 = 102 + 172 + 181 + 232 + 250$
$937 := 4^1 + 4^4 + 26^2 + 59^0 = 41 + 44 + 262 + 590$	$937 := 11^2 + 11^2 + 18^1 + 26^2 + 27^0 = 112 + 112 + 181 + 262 + 270$
$937 := 4^2 + 14^2 + 26^2 + 49^1 = 42 + 142 + 262 + 491$	$937 := 11^2 + 13^2 + 21^1 + 23^0 + 25^2 = 112 + 132 + 211 + 230 + 252$

$$\begin{aligned}
 937 &:= 11^2 + 15^1 + 20^2 + 20^2 + 27^0 = 112 + 151 + 202 + 202 + 270 & 937 &:= 5^4 + 17^2 + 21^1 + 23^0 + 27^0 = 54 + 172 + 211 + 230 + 270 \\
 937 &:= 12^2 + 12^2 + 21^0 + 23^1 + 25^2 = 122 + 122 + 210 + 231 + 252 & 937 &:= 5^4 + 17^2 + 21^1 + 24^0 + 26^0 = 54 + 172 + 211 + 240 + 260 \\
 937 &:= 12^2 + 14^2 + 20^1 + 23^0 + 24^2 = 122 + 142 + 201 + 230 + 242 & 937 &:= 5^4 + 17^2 + 21^1 + 25^0 + 25^0 = 54 + 172 + 211 + 250 + 250 \\
 937 &:= 12^2 + 15^0 + 18^2 + 21^2 + 27^1 = 122 + 150 + 182 + 212 + 271 & 937 &:= 6^2 + 12^2 + 21^0 + 27^1 + 27^2 = 62 + 122 + 210 + 271 + 272 \\
 937 &:= 12^2 + 17^2 + 19^1 + 22^2 + 23^0 = 122 + 172 + 191 + 222 + 230 & 937 &:= 6^2 + 16^2 + 19^1 + 25^2 + 27^0 = 62 + 162 + 191 + 252 + 270 \\
 937 &:= 13^2 + 13^2 + 21^0 + 22^1 + 24^2 = 132 + 132 + 210 + 221 + 242 & 937 &:= 6^2 + 18^1 + 21^2 + 21^2 + 27^0 = 62 + 181 + 212 + 212 + 270 \\
 937 &:= 13^2 + 15^0 + 16^2 + 22^2 + 27^1 = 132 + 150 + 162 + 222 + 271 & 937 &:= 6^3 + 17^0 + 17^1 + 26^2 + 27^1 = 63 + 170 + 171 + 262 + 271 \\
 937 &:= 14^1 + 15^2 + 16^2 + 21^2 + 27^0 = 141 + 152 + 162 + 212 + 270 & 937 &:= 6^3 + 17^0 + 18^1 + 26^1 + 26^2 = 63 + 170 + 181 + 261 + 262 \\
 937 &:= 14^2 + 14^2 + 15^1 + 23^2 + 27^0 = 142 + 142 + 151 + 232 + 270 & 937 &:= 6^3 + 17^0 + 19^1 + 25^1 + 26^2 = 63 + 170 + 191 + 251 + 262 \\
 937 &:= 14^2 + 16^1 + 18^2 + 20^2 + 25^0 = 142 + 161 + 182 + 202 + 250 & 937 &:= 6^3 + 17^0 + 20^1 + 24^1 + 26^2 = 63 + 170 + 201 + 241 + 262 \\
 937 &:= 14^2 + 18^1 + 19^2 + 19^2 + 23^0 = 142 + 181 + 192 + 192 + 230 & 937 &:= 6^3 + 17^0 + 21^1 + 23^1 + 26^2 = 63 + 170 + 211 + 231 + 262 \\
 937 &:= 15^0 + 15^2 + 18^2 + 19^2 + 26^1 = 150 + 152 + 182 + 192 + 261 & 937 &:= 6^3 + 17^0 + 22^1 + 22^1 + 26^2 = 63 + 170 + 221 + 221 + 262 \\
 937 &:= 15^2 + 17^2 + 19^0 + 20^2 + 22^1 = 152 + 172 + 190 + 202 + 221 & 937 &:= 7^2 + 17^2 + 22^1 + 23^0 + 24^2 = 72 + 172 + 221 + 230 + 242 \\
 937 &:= 16^2 + 16^2 + 17^0 + 20^2 + 24^1 = 162 + 162 + 170 + 202 + 241 & 937 &:= 8^2 + 11^2 + 22^1 + 25^0 + 27^2 = 82 + 112 + 221 + 250 + 272 \\
 937 &:= 3^2 + 15^2 + 23^0 + 26^1 + 26^2 = 32 + 152 + 230 + 261 + 262 & 937 &:= 8^2 + 13^2 + 19^0 + 26^2 + 27^1 = 82 + 132 + 190 + 262 + 271 \\
 937 &:= 3^2 + 18^2 + 21^0 + 24^2 + 27^1 = 32 + 182 + 210 + 242 + 271 & 937 &:= 8^2 + 15^2 + 22^1 + 23^0 + 25^2 = 82 + 152 + 221 + 230 + 252 \\
 937 &:= 4^2 + 13^2 + 22^1 + 27^0 + 27^2 = 42 + 132 + 221 + 270 + 272 & 937 &:= 8^2 + 17^0 + 19^2 + 22^2 + 27^1 = 82 + 170 + 192 + 222 + 271 \\
 937 &:= 4^2 + 18^2 + 20^1 + 24^2 + 27^0 = 42 + 182 + 201 + 242 + 270 & 937 &:= 8^2 + 18^2 + 19^1 + 23^2 + 25^0 = 82 + 182 + 191 + 232 + 250 \\
 937 &:= 5^2 + 19^0 + 20^2 + 22^2 + 27^1 = 52 + 190 + 202 + 222 + 271 & 937 &:= 9^2 + 10^2 + 21^0 + 26^1 + 27^2 = 92 + 102 + 210 + 261 + 272 \\
 937 &:= 5^2 + 19^2 + 21^1 + 23^2 + 25^0 = 52 + 192 + 211 + 232 + 250 & 937 &:= 9^2 + 16^2 + 21^0 + 23^1 + 24^2 = 92 + 162 + 210 + 231 + 242 \\
 937 &:= 5^3 + 9^2 + 25^0 + 27^0 + 27^2 = 53 + 92 + 250 + 270 + 272 \\
 937 &:= 5^3 + 9^2 + 26^0 + 26^0 + 27^2 = 53 + 92 + 260 + 260 + 272
 \end{aligned}$$

2.2.839 Number 938

$$\begin{aligned}
 938 &:= 1^4 + 6^2 + 30^2 + 56^0 = 14 + 62 + 302 + 560 & 938 &:= 3^5 + 17^1 + 20^0 + 26^2 + 27^0 = 35 + 171 + 200 + 262 + 270 \\
 938 &:= 1^5 + 2^9 + 7^3 + 82^1 = 15 + 29 + 73 + 821 & 938 &:= 3^5 + 17^1 + 21^0 + 26^0 + 26^2 = 35 + 171 + 210 + 260 + 262 \\
 938 &:= 1^5 + 26^0 + 30^2 + 36^1 = 15 + 260 + 302 + 361 & 938 &:= 3^5 + 17^1 + 22^0 + 25^0 + 26^2 = 35 + 171 + 220 + 250 + 262 \\
 938 &:= 1^7 + 2^7 + 9^3 + 80^1 = 17 + 27 + 93 + 801 & 938 &:= 3^5 + 17^1 + 23^0 + 24^0 + 26^2 = 35 + 171 + 230 + 240 + 262 \\
 938 &:= 1^8 + 3^6 + 5^3 + 83^1 = 18 + 36 + 53 + 831 & 938 &:= 4^3 + 15^2 + 23^1 + 25^2 + 26^0 = 43 + 152 + 231 + 252 + 260 \\
 938 &:= 2^5 + 5^1 + 30^2 + 56^0 = 25 + 51 + 302 + 560 & 938 &:= 4^4 + 14^2 + 22^2 + 26^0 + 27^0 = 44 + 142 + 222 + 260 + 270 \\
 938 &:= 3^5 + 18^1 + 26^2 + 46^0 = 35 + 181 + 262 + 460 & 938 &:= 5^3 + 16^2 + 22^0 + 23^2 + 27^1 = 53 + 162 + 220 + 232 + 271 \\
 938 &:= 4^3 + 8^3 + 19^2 + 62^0 = 43 + 83 + 192 + 620 & 938 &:= 6^3 + 16^2 + 21^2 + 24^1 + 26^0 = 63 + 162 + 212 + 241 + 260 \\
 938 &:= 4^3 + 9^3 + 12^2 + 68^0 = 43 + 93 + 122 + 680 \\
 938 &:= 3^3 + 20^2 + 22^0 + 22^2 + 26^1 = 33 + 202 + 220 + 222 + 261
 \end{aligned}$$

2.2.840 Number 939

$$\begin{aligned}
 939 &:= 1^3 + 8^3 + 19^2 + 65^1 &= 13 + 83 + 192 + 651 \\
 939 &:= 1^4 + 10^2 + 28^2 + 54^1 &= 14 + 102 + 282 + 541 \\
 939 &:= 1^5 + 19^2 + 24^2 + 49^0 &= 15 + 192 + 242 + 490 \\
 939 &:= 1^6 + 25^0 + 30^2 + 37^1 &= 16 + 250 + 302 + 371 \\
 939 &:= 2^4 + 14^2 + 26^2 + 51^1 &= 24 + 142 + 262 + 511 \\
 939 &:= 2^4 + 5^2 + 29^2 + 57^1 &= 24 + 52 + 292 + 571 \\
 939 &:= 2^6 + 29^0 + 29^2 + 33^1 &= 26 + 290 + 292 + 331 \\
 939 &:= 3^2 + 5^3 + 9^3 + 76^1 &= 32 + 53 + 93 + 761 \\
 939 &:= 3^2 + 7^3 + 8^3 + 75^1 &= 32 + 73 + 83 + 751 \\
 939 &:= 3^3 + 5^3 + 27^2 + 58^1 &= 33 + 53 + 272 + 581 \\
 939 &:= 3^4 + 18^2 + 22^2 + 50^1 &= 34 + 182 + 222 + 501 \\
 939 &:= 3^4 + 4^2 + 28^2 + 58^1 &= 34 + 42 + 282 + 581 \\
 939 &:= 3^6 + 12^2 + 13^0 + 65^1 &= 36 + 122 + 130 + 651 \\
 939 &:= 3^6 + 13^1 + 14^2 + 63^0 &= 36 + 131 + 142 + 630 \\
 939 &:= 3^6 + 13^2 + 37^0 + 40^1 &= 36 + 132 + 370 + 401 \\
 939 &:= 4^4 + 12^2 + 22^2 + 55^1 &= 44 + 122 + 222 + 551 \\
 939 &:= 4^4 + 5^4 + 27^0 + 57^1 &= 44 + 54 + 270 + 571
 \end{aligned}$$

$$\begin{aligned}
 939 &:= 4^4 + 7^2 + 24^2 + 58^1 &= 44 + 72 + 242 + 581 \\
 939 &:= 6^3 + 8^3 + 12^2 + 67^1 &= 63 + 83 + 122 + 671 \\
 939 &:= 1^4 + 17^2 + 23^1 + 25^2 + 27^0 &= 14 + 172 + 231 + 252 + 270 \\
 939 &:= 2^3 + 16^2 + 23^1 + 25^2 + 27^1 &= 23 + 162 + 231 + 252 + 271 \\
 939 &:= 2^3 + 16^2 + 24^1 + 25^2 + 26^1 &= 23 + 162 + 241 + 252 + 261 \\
 939 &:= 2^3 + 16^2 + 25^1 + 25^1 + 25^2 &= 23 + 162 + 251 + 251 + 252 \\
 939 &:= 2^3 + 21^2 + 21^2 + 22^1 + 27^1 &= 23 + 212 + 212 + 221 + 271 \\
 939 &:= 2^3 + 21^2 + 21^2 + 23^1 + 26^1 &= 23 + 212 + 212 + 231 + 261 \\
 939 &:= 2^3 + 21^2 + 21^2 + 24^1 + 25^1 &= 23 + 212 + 212 + 241 + 251 \\
 939 &:= 2^4 + 13^2 + 24^1 + 27^0 + 27^2 &= 24 + 132 + 241 + 270 + 272 \\
 939 &:= 2^4 + 18^2 + 22^1 + 24^2 + 27^0 &= 24 + 182 + 221 + 242 + 270 \\
 939 &:= 3^4 + 16^2 + 24^2 + 25^0 + 25^1 &= 34 + 162 + 242 + 250 + 251 \\
 939 &:= 4^4 + 16^2 + 20^2 + 26^1 + 27^0 &= 44 + 162 + 202 + 261 + 270 \\
 939 &:= 5^3 + 18^2 + 21^2 + 22^1 + 27^1 &= 53 + 182 + 212 + 221 + 271 \\
 939 &:= 5^3 + 18^2 + 21^2 + 23^1 + 26^1 &= 53 + 182 + 212 + 231 + 261 \\
 939 &:= 5^3 + 18^2 + 21^2 + 24^1 + 25^1 &= 53 + 182 + 212 + 241 + 251
 \end{aligned}$$

2.2.841 Number 940

$$\begin{aligned}
 940 &:= 1^7 + 24^0 + 30^2 + 38^1 &= 17 + 240 + 302 + 381 \\
 940 &:= 2^7 + 27^1 + 28^2 + 36^0 &= 27 + 271 + 282 + 360 \\
 940 &:= 3^5 + 5^4 + 14^0 + 71^1 &= 35 + 54 + 140 + 711 \\
 940 &:= 1^5 + 17^2 + 24^1 + 25^2 + 26^0 &= 15 + 172 + 241 + 252 + 260 \\
 940 &:= 1^6 + 19^2 + 22^0 + 24^2 + 27^0 &= 16 + 192 + 220 + 242 + 270 \\
 940 &:= 1^6 + 19^2 + 23^0 + 24^2 + 26^0 &= 16 + 192 + 230 + 242 + 260
 \end{aligned}$$

$$\begin{aligned}
 940 &:= 1^6 + 19^2 + 24^0 + 24^2 + 25^0 &= 16 + 192 + 240 + 242 + 250 \\
 940 &:= 2^5 + 16^2 + 24^0 + 25^2 + 26^1 &= 25 + 162 + 240 + 252 + 261 \\
 940 &:= 2^5 + 20^2 + 22^2 + 23^1 + 26^0 &= 25 + 202 + 222 + 231 + 260 \\
 940 &:= 2^5 + 21^2 + 21^2 + 24^0 + 25^1 &= 25 + 212 + 212 + 240 + 251
 \end{aligned}$$

2.2.842 Number 941

$$\begin{aligned}
 941 &:= 1^6 + 19^2 + 23^2 + 50^1 &= 16 + 192 + 232 + 501 \\
 941 &:= 1^8 + 23^0 + 30^2 + 39^1 &= 18 + 230 + 302 + 391 \\
 941 &:= 2^3 + 2^5 + 29^2 + 60^1 &= 23 + 25 + 292 + 601 \\
 941 &:= 2^4 + 3^4 + 28^2 + 60^1 &= 24 + 34 + 282 + 601 \\
 941 &:= 2^6 + 6^2 + 28^2 + 57^1 &= 26 + 62 + 282 + 571 \\
 941 &:= 2^8 + 7^0 + 25^2 + 59^1 &= 28 + 70 + 252 + 591 \\
 941 &:= 2^8 + 8^1 + 26^2 + 57^0 &= 28 + 81 + 262 + 570 \\
 941 &:= 3^5 + 4^4 + 21^2 + 65^0 &= 35 + 44 + 212 + 650 \\
 941 &:= 3^5 + 7^3 + 17^2 + 66^1 &= 35 + 73 + 172 + 661
 \end{aligned}$$

$$\begin{aligned}
 941 &:= 3^6 + 4^2 + 11^2 + 75^1 &= 36 + 42 + 112 + 751 \\
 941 &:= 1^5 + 19^2 + 23^1 + 23^2 + 27^1 &= 15 + 192 + 231 + 232 + 271 \\
 941 &:= 1^5 + 19^2 + 23^2 + 24^1 + 26^1 &= 15 + 192 + 232 + 241 + 261 \\
 941 &:= 1^5 + 19^2 + 23^2 + 25^1 + 25^1 &= 15 + 192 + 232 + 251 + 251 \\
 941 &:= 1^6 + 17^2 + 25^0 + 25^1 + 25^2 &= 16 + 172 + 250 + 251 + 252 \\
 941 &:= 2^6 + 11^2 + 26^1 + 27^0 + 27^2 &= 26 + 112 + 261 + 270 + 272 \\
 941 &:= 2^6 + 15^2 + 25^0 + 25^2 + 26^1 &= 26 + 152 + 250 + 252 + 261 \\
 941 &:= 2^6 + 18^2 + 23^1 + 23^2 + 27^0 &= 26 + 182 + 231 + 232 + 270
 \end{aligned}$$

2.2.843 Number 942

$$\begin{aligned} 942 &:= 1^9 + 22^0 + 30^2 + 40^1 &= 19 + 220 + 302 + 401 \\ 942 &:= 2^4 + 3^6 + 14^2 + 74^0 &= 24 + 36 + 142 + 740 \\ 942 &:= 2^8 + 18^2 + 19^2 + 54^0 &= 28 + 182 + 192 + 540 \\ 942 &:= 2^8 + 3^2 + 26^2 + 62^0 &= 28 + 32 + 262 + 620 \end{aligned}$$

$$\begin{aligned} 942 &:= 2^9 + 20^2 + 29^1 + 42^0 &= 29 + 202 + 291 + 420 \\ 942 &:= 2^9 + 4^0 + 19^2 + 68^1 &= 29 + 40 + 192 + 681 \\ 942 &:= 1^7 + 17^2 + 24^0 + 25^2 + 26^1 &= 17 + 172 + 240 + 252 + 261 \end{aligned}$$

2.2.844 Number 943

$$\begin{aligned} 943 &:= 22^0 + 30^2 + 42^1 &= 220 + 302 + 421 \\ 943 &:= 1^0 + 22^0 + 30^2 + 41^1 &= 10 + 220 + 302 + 411 \\ 943 &:= 1^9 + 10^2 + 29^2 + 53^0 &= 19 + 102 + 292 + 530 \\ 943 &:= 10^0 + 13^0 + 30^2 + 41^1 &= 100 + 130 + 302 + 411 \\ 943 &:= 11^0 + 12^0 + 30^2 + 41^1 &= 110 + 120 + 302 + 411 \\ 943 &:= 2^0 + 21^0 + 30^2 + 41^1 &= 20 + 210 + 302 + 411 \\ 943 &:= 2^4 + 3^6 + 11^2 + 77^1 &= 24 + 36 + 112 + 771 \\ 943 &:= 2^8 + 10^2 + 23^2 + 58^1 &= 28 + 102 + 232 + 581 \\ 943 &:= 2^8 + 5^4 + 25^0 + 61^1 &= 28 + 54 + 250 + 611 \end{aligned}$$

$$\begin{aligned} 943 &:= 3^0 + 20^0 + 30^2 + 41^1 &= 30 + 200 + 302 + 411 \\ 943 &:= 4^0 + 19^0 + 30^2 + 41^1 &= 40 + 190 + 302 + 411 \\ 943 &:= 5^0 + 18^0 + 30^2 + 41^1 &= 50 + 180 + 302 + 411 \\ 943 &:= 6^0 + 17^0 + 30^2 + 41^1 &= 60 + 170 + 302 + 411 \\ 943 &:= 7^0 + 16^0 + 30^2 + 41^1 &= 70 + 160 + 302 + 411 \\ 943 &:= 8^0 + 15^0 + 30^2 + 41^1 &= 80 + 150 + 302 + 411 \\ 943 &:= 9^0 + 14^0 + 30^2 + 41^1 &= 90 + 140 + 302 + 411 \\ 943 &:= 1^8 + 17^2 + 23^0 + 25^2 + 27^1 &= 18 + 172 + 230 + 252 + 271 \end{aligned}$$

2.2.845 Number 944

$$\begin{aligned} 944 &:= 1^1 + 21^0 + 30^2 + 42^1 &= 11 + 210 + 302 + 421 \\ 944 &:= 10^1 + 21^0 + 30^2 + 33^1 &= 101 + 210 + 302 + 331 \\ 944 &:= 11^1 + 21^0 + 30^2 + 32^1 &= 111 + 210 + 302 + 321 \\ 944 &:= 12^1 + 21^0 + 30^2 + 31^1 &= 121 + 210 + 302 + 311 \\ 944 &:= 13^1 + 21^0 + 30^1 + 30^2 &= 131 + 210 + 301 + 302 \\ 944 &:= 14^1 + 21^0 + 29^1 + 30^2 &= 141 + 210 + 291 + 302 \\ 944 &:= 15^1 + 21^0 + 28^1 + 30^2 &= 151 + 210 + 281 + 302 \\ 944 &:= 16^1 + 21^0 + 27^1 + 30^2 &= 161 + 210 + 271 + 302 \\ 944 &:= 17^1 + 21^0 + 26^1 + 30^2 &= 171 + 210 + 261 + 302 \\ 944 &:= 18^1 + 21^0 + 25^1 + 30^2 &= 181 + 210 + 251 + 302 \\ 944 &:= 19^1 + 21^0 + 24^1 + 30^2 &= 191 + 210 + 241 + 302 \\ 944 &:= 2^0 + 2^7 + 3^6 + 86^1 &= 20 + 27 + 36 + 861 \end{aligned}$$

$$\begin{aligned} 944 &:= 2^1 + 21^0 + 30^2 + 41^1 &= 21 + 210 + 302 + 411 \\ 944 &:= 20^1 + 21^0 + 23^1 + 30^2 &= 201 + 210 + 231 + 302 \\ 944 &:= 21^0 + 21^1 + 22^1 + 30^2 &= 210 + 211 + 221 + 302 \\ 944 &:= 3^1 + 21^0 + 30^2 + 40^1 &= 31 + 210 + 302 + 401 \\ 944 &:= 4^1 + 21^0 + 30^2 + 39^1 &= 41 + 210 + 302 + 391 \\ 944 &:= 5^1 + 21^0 + 30^2 + 38^1 &= 51 + 210 + 302 + 381 \\ 944 &:= 6^1 + 21^0 + 30^2 + 37^1 &= 61 + 210 + 302 + 371 \\ 944 &:= 7^1 + 21^0 + 30^2 + 36^1 &= 71 + 210 + 302 + 361 \\ 944 &:= 8^1 + 21^0 + 30^2 + 35^1 &= 81 + 210 + 302 + 351 \\ 944 &:= 9^1 + 21^0 + 30^2 + 34^1 &= 91 + 210 + 302 + 341 \end{aligned}$$

2.2.846 Number 945

$$\begin{aligned} 945 &:= 1^1 + 2^7 + 3^6 + 87^1 &= 11 + 27 + 36 + 871 \\ 945 &:= 1^2 + 20^0 + 30^2 + 43^1 &= 12 + 200 + 302 + 431 \\ 945 &:= 1^3 + 2^9 + 19^2 + 71^1 &= 13 + 29 + 192 + 711 \\ 945 &:= 1^8 + 4^4 + 25^2 + 63^1 &= 18 + 44 + 252 + 631 \end{aligned}$$

$$\begin{aligned} 945 &:= 1^9 + 9^3 + 12^2 + 71^1 &= 19 + 93 + 122 + 711 \\ 945 &:= 10^0 + 15^2 + 26^2 + 43^1 &= 100 + 152 + 262 + 431 \\ 945 &:= 11^2 + 16^0 + 28^2 + 39^1 &= 112 + 160 + 282 + 391 \\ 945 &:= 12^1 + 16^2 + 26^2 + 40^0 &= 121 + 162 + 262 + 400 \end{aligned}$$

$945 := 12^2 + 16^1 + 28^2 + 38^0$	$= 122 + 161 + 282 + 380$	$945 := 2^7 + 3^6 + 4^1 + 84^1$	$= 27 + 36 + 41 + 841$
$945 := 14^2 + 19^1 + 27^2 + 34^0$	$= 142 + 191 + 272 + 340$	$945 := 2^7 + 3^6 + 40^1 + 48^1$	$= 27 + 36 + 401 + 481$
$945 := 15^1 + 20^2 + 23^2 + 36^0$	$= 151 + 202 + 232 + 360$	$945 := 2^7 + 3^6 + 41^1 + 47^1$	$= 27 + 36 + 411 + 471$
$945 := 17^2 + 22^0 + 25^2 + 30^1$	$= 172 + 220 + 252 + 301$	$945 := 2^7 + 3^6 + 42^1 + 46^1$	$= 27 + 36 + 421 + 461$
$945 := 19^1 + 21^2 + 22^2 + 32^0$	$= 191 + 212 + 222 + 320$	$945 := 2^7 + 3^6 + 43^1 + 45^1$	$= 27 + 36 + 431 + 451$
$945 := 2^1 + 2^7 + 3^6 + 86^1$	$= 21 + 27 + 36 + 861$	$945 := 2^7 + 3^6 + 44^1 + 44^1$	$= 27 + 36 + 441 + 441$
$945 := 2^2 + 22^0 + 30^2 + 40^1$	$= 22 + 220 + 302 + 401$	$945 := 2^7 + 3^6 + 5^1 + 83^1$	$= 27 + 36 + 51 + 831$
$945 := 2^7 + 3^1 + 3^6 + 85^1$	$= 27 + 31 + 36 + 851$	$945 := 2^7 + 3^6 + 6^1 + 82^1$	$= 27 + 36 + 61 + 821$
$945 := 2^7 + 3^6 + 10^1 + 78^1$	$= 27 + 36 + 101 + 781$	$945 := 2^7 + 3^6 + 7^1 + 81^1$	$= 27 + 36 + 71 + 811$
$945 := 2^7 + 3^6 + 11^1 + 77^1$	$= 27 + 36 + 111 + 771$	$945 := 2^7 + 3^6 + 8^1 + 80^1$	$= 27 + 36 + 81 + 801$
$945 := 2^7 + 3^6 + 12^1 + 76^1$	$= 27 + 36 + 121 + 761$	$945 := 2^7 + 3^6 + 9^1 + 79^1$	$= 27 + 36 + 91 + 791$
$945 := 2^7 + 3^6 + 13^1 + 75^1$	$= 27 + 36 + 131 + 751$	$945 := 2^9 + 3^2 + 7^3 + 81^1$	$= 29 + 32 + 73 + 811$
$945 := 2^7 + 3^6 + 14^1 + 74^1$	$= 27 + 36 + 141 + 741$	$945 := 2^9 + 6^3 + 12^2 + 73^1$	$= 29 + 63 + 122 + 731$
$945 := 2^7 + 3^6 + 15^1 + 73^1$	$= 27 + 36 + 151 + 731$	$945 := 2^9 + 6^3 + 6^3 + 79^0$	$= 29 + 63 + 63 + 790$
$945 := 2^7 + 3^6 + 16^1 + 72^1$	$= 27 + 36 + 161 + 721$	$945 := 3^1 + 10^2 + 29^2 + 52^0$	$= 31 + 102 + 292 + 520$
$945 := 2^7 + 3^6 + 17^1 + 71^1$	$= 27 + 36 + 171 + 711$	$945 := 3^2 + 26^0 + 30^2 + 35^1$	$= 32 + 260 + 302 + 351$
$945 := 2^7 + 3^6 + 18^1 + 70^1$	$= 27 + 36 + 181 + 701$	$945 := 4^0 + 7^2 + 29^2 + 54^1$	$= 40 + 72 + 292 + 541$
$945 := 2^7 + 3^6 + 19^1 + 69^1$	$= 27 + 36 + 191 + 691$	$945 := 4^2 + 28^1 + 30^2 + 32^0$	$= 42 + 281 + 302 + 320$
$945 := 2^7 + 3^6 + 20^1 + 68^1$	$= 27 + 36 + 201 + 681$	$945 := 5^2 + 19^1 + 30^2 + 40^0$	$= 52 + 191 + 302 + 400$
$945 := 2^7 + 3^6 + 21^1 + 67^1$	$= 27 + 36 + 211 + 671$	$945 := 6^2 + 8^1 + 30^2 + 50^0$	$= 62 + 81 + 302 + 500$
$945 := 2^7 + 3^6 + 22^1 + 66^1$	$= 27 + 36 + 221 + 661$	$945 := 7^1 + 19^2 + 24^2 + 44^0$	$= 71 + 192 + 242 + 440$
$945 := 2^7 + 3^6 + 23^1 + 65^1$	$= 27 + 36 + 231 + 651$	$945 := 8^0 + 13^2 + 27^2 + 46^1$	$= 80 + 132 + 272 + 461$
$945 := 2^7 + 3^6 + 24^1 + 64^1$	$= 27 + 36 + 241 + 641$	$945 := 8^0 + 18^2 + 24^2 + 44^1$	$= 80 + 182 + 242 + 441$
$945 := 2^7 + 3^6 + 25^1 + 63^1$	$= 27 + 36 + 251 + 631$	$945 := 8^2 + 18^0 + 29^2 + 39^1$	$= 82 + 180 + 292 + 391$
$945 := 2^7 + 3^6 + 26^1 + 62^1$	$= 27 + 36 + 261 + 621$	$945 := 9^2 + 22^1 + 29^2 + 34^0$	$= 92 + 221 + 292 + 340$
$945 := 2^7 + 3^6 + 27^1 + 61^1$	$= 27 + 36 + 271 + 611$	$945 := 10^0 + 14^1 + 20^2 + 23^2 + 27^0$	$= 100 + 141 + 202 + 232 + 270$
$945 := 2^7 + 3^6 + 28^1 + 60^1$	$= 27 + 36 + 281 + 601$	$945 := 10^0 + 14^2 + 18^1 + 25^0 + 27^2$	$= 100 + 142 + 181 + 250 + 272$
$945 := 2^7 + 3^6 + 29^1 + 59^1$	$= 27 + 36 + 291 + 591$	$945 := 10^0 + 18^1 + 21^2 + 22^2 + 23^0$	$= 100 + 181 + 212 + 222 + 230$
$945 := 2^7 + 3^6 + 30^1 + 58^1$	$= 27 + 36 + 301 + 581$	$945 := 11^0 + 14^1 + 20^2 + 23^2 + 26^0$	$= 110 + 141 + 202 + 232 + 260$
$945 := 2^7 + 3^6 + 31^1 + 57^1$	$= 27 + 36 + 311 + 571$	$945 := 11^0 + 14^2 + 18^1 + 24^0 + 27^2$	$= 110 + 142 + 181 + 240 + 272$
$945 := 2^7 + 3^6 + 32^1 + 56^1$	$= 27 + 36 + 321 + 561$	$945 := 11^0 + 18^1 + 21^2 + 22^0 + 22^2$	$= 110 + 181 + 212 + 220 + 222$
$945 := 2^7 + 3^6 + 33^1 + 55^1$	$= 27 + 36 + 331 + 551$	$945 := 11^1 + 14^0 + 16^2 + 26^2 + 27^0$	$= 111 + 140 + 162 + 262 + 270$
$945 := 2^7 + 3^6 + 34^1 + 54^1$	$= 27 + 36 + 341 + 541$	$945 := 11^1 + 15^0 + 16^2 + 26^0 + 26^2$	$= 111 + 150 + 162 + 260 + 262$
$945 := 2^7 + 3^6 + 35^1 + 53^1$	$= 27 + 36 + 351 + 531$	$945 := 11^1 + 16^0 + 16^2 + 25^0 + 26^2$	$= 111 + 160 + 162 + 250 + 262$
$945 := 2^7 + 3^6 + 36^1 + 52^1$	$= 27 + 36 + 361 + 521$	$945 := 11^1 + 16^2 + 17^0 + 24^0 + 26^2$	$= 111 + 162 + 170 + 240 + 262$
$945 := 2^7 + 3^6 + 37^1 + 51^1$	$= 27 + 36 + 371 + 511$	$945 := 11^1 + 16^2 + 18^0 + 23^0 + 26^2$	$= 111 + 162 + 180 + 230 + 262$
$945 := 2^7 + 3^6 + 38^1 + 50^1$	$= 27 + 36 + 381 + 501$	$945 := 11^1 + 16^2 + 19^0 + 22^0 + 26^2$	$= 111 + 162 + 190 + 220 + 262$
$945 := 2^7 + 3^6 + 39^1 + 49^1$	$= 27 + 36 + 391 + 491$	$945 := 11^1 + 16^2 + 20^0 + 21^0 + 26^2$	$= 111 + 162 + 200 + 210 + 262$

$$\begin{aligned}
 945 &:= 12^0 + 14^1 + 20^2 + 23^2 + 25^0 = 120 + 141 + 202 + 232 + 250 & 945 &:= 14^2 + 17^0 + 18^0 + 18^1 + 27^2 = 142 + 170 + 180 + 181 + 272 \\
 945 &:= 12^0 + 14^2 + 18^1 + 23^0 + 27^2 = 120 + 142 + 181 + 230 + 272 & 945 &:= 15^0 + 18^0 + 18^1 + 21^2 + 22^2 = 150 + 180 + 181 + 212 + 222 \\
 945 &:= 12^0 + 18^1 + 21^0 + 21^2 + 22^2 = 120 + 181 + 210 + 212 + 222 & 945 &:= 16^0 + 17^0 + 18^1 + 21^2 + 22^2 = 160 + 170 + 181 + 212 + 222 \\
 945 &:= 13^0 + 14^1 + 20^2 + 23^2 + 24^0 = 130 + 141 + 202 + 232 + 240 & 945 &:= 6^0 + 18^1 + 21^2 + 22^2 + 27^0 = 60 + 181 + 212 + 222 + 270 \\
 945 &:= 13^0 + 14^2 + 18^1 + 22^0 + 27^2 = 130 + 142 + 181 + 220 + 272 & 945 &:= 6^1 + 18^0 + 19^2 + 24^2 + 27^0 = 61 + 180 + 192 + 242 + 270 \\
 945 &:= 13^0 + 18^1 + 20^0 + 21^2 + 22^2 = 130 + 181 + 200 + 212 + 222 & 945 &:= 6^1 + 19^0 + 19^2 + 24^2 + 26^0 = 61 + 190 + 192 + 242 + 260 \\
 945 &:= 14^0 + 14^1 + 20^2 + 23^0 + 23^2 = 140 + 141 + 202 + 230 + 232 & 945 &:= 6^1 + 19^2 + 20^0 + 24^2 + 25^0 = 61 + 192 + 200 + 242 + 250 \\
 945 &:= 14^0 + 14^2 + 18^1 + 21^0 + 27^2 = 140 + 142 + 181 + 210 + 272 & 945 &:= 6^1 + 19^2 + 21^0 + 24^0 + 24^2 = 61 + 192 + 210 + 240 + 242 \\
 945 &:= 14^0 + 18^1 + 19^0 + 21^2 + 22^2 = 140 + 181 + 190 + 212 + 222 & 945 &:= 6^1 + 19^2 + 22^0 + 23^0 + 24^2 = 61 + 192 + 220 + 230 + 242 \\
 945 &:= 14^1 + 15^0 + 20^2 + 22^0 + 23^2 = 141 + 150 + 202 + 220 + 232 & 945 &:= 7^0 + 18^1 + 21^2 + 22^2 + 26^0 = 70 + 181 + 212 + 222 + 260 \\
 945 &:= 14^1 + 16^0 + 20^2 + 21^0 + 23^2 = 141 + 160 + 202 + 210 + 232 & 945 &:= 8^0 + 14^2 + 18^1 + 27^0 + 27^2 = 80 + 142 + 181 + 270 + 272 \\
 945 &:= 14^1 + 17^0 + 20^0 + 20^2 + 23^2 = 141 + 170 + 200 + 202 + 232 & 945 &:= 8^0 + 18^1 + 21^2 + 22^2 + 25^0 = 80 + 181 + 212 + 222 + 250 \\
 945 &:= 14^1 + 18^0 + 19^0 + 20^2 + 23^2 = 141 + 180 + 190 + 202 + 232 & 945 &:= 9^0 + 14^2 + 18^1 + 26^0 + 27^2 = 90 + 142 + 181 + 260 + 272 \\
 945 &:= 14^2 + 15^0 + 18^1 + 20^0 + 27^2 = 142 + 150 + 181 + 200 + 272 & 945 &:= 9^0 + 18^1 + 21^2 + 22^2 + 24^0 = 90 + 181 + 212 + 222 + 240 \\
 945 &:= 14^2 + 16^0 + 18^1 + 19^0 + 27^2 = 142 + 160 + 181 + 190 + 272
 \end{aligned}$$

2.2.847 Number 946

$$\begin{aligned}
 946 &:= 6^3 + 9^3 + 79^0 & = 63 + 93 + 790 & 946 &:= 8^3 + 20^2 + 33^0 + 33^1 & = 83 + 202 + 330 + 331 \\
 946 &:= 9^3 + 12^2 + 73^1 & = 93 + 122 + 731 & 946 &:= 9^3 + 12^2 + 73^1 & = 93 + 122 + 731 \\
 946 &:= 1^0 + 9^3 + 12^2 + 72^1 & = 10 + 93 + 122 + 721 & 946 &:= 9^3 + 13^2 + 25^0 + 47^1 & = 93 + 132 + 250 + 471 \\
 946 &:= 1^3 + 19^0 + 30^2 + 44^1 & = 13 + 190 + 302 + 441 & 946 &:= 9^3 + 14^2 + 20^1 + 51^0 & = 93 + 142 + 201 + 510 \\
 946 &:= 10^2 + 13^2 + 26^2 + 45^0 & = 102 + 132 + 262 + 450 & 946 &:= 10^1 + 17^2 + 21^0 + 21^1 + 25^2 & = 101 + 172 + 210 + 211 + 252 \\
 946 &:= 10^2 + 19^2 + 22^2 + 43^0 & = 102 + 192 + 222 + 430 & 946 &:= 11^1 + 17^2 + 20^1 + 21^0 + 25^2 & = 111 + 172 + 201 + 210 + 252 \\
 946 &:= 12^2 + 15^2 + 24^2 + 43^0 & = 122 + 152 + 242 + 430 & 946 &:= 12^1 + 17^2 + 19^1 + 21^0 + 25^2 & = 121 + 172 + 191 + 210 + 252 \\
 946 &:= 16^2 + 17^2 + 20^2 + 41^0 & = 162 + 172 + 202 + 410 & 946 &:= 12^2 + 15^0 + 20^2 + 20^2 + 27^0 & = 122 + 150 + 202 + 202 + 270 \\
 946 &:= 2^2 + 10^2 + 29^2 + 53^0 & = 22 + 102 + 292 + 530 & 946 &:= 12^2 + 16^0 + 20^2 + 20^2 + 26^0 & = 122 + 160 + 202 + 202 + 260 \\
 946 &:= 2^3 + 25^0 + 30^2 + 37^1 & = 23 + 250 + 302 + 371 & 946 &:= 12^2 + 17^0 + 20^2 + 20^2 + 25^0 & = 122 + 170 + 202 + 202 + 250 \\
 946 &:= 2^6 + 2^8 + 25^2 + 64^0 & = 26 + 28 + 252 + 640 & 946 &:= 12^2 + 18^0 + 20^2 + 20^2 + 24^0 & = 122 + 180 + 202 + 202 + 240 \\
 946 &:= 3^2 + 6^2 + 30^2 + 55^0 & = 32 + 62 + 302 + 550 & 946 &:= 12^2 + 19^0 + 20^2 + 20^2 + 23^0 & = 122 + 190 + 202 + 202 + 230 \\
 946 &:= 3^3 + 18^1 + 30^2 + 43^0 & = 33 + 181 + 302 + 430 & 946 &:= 12^2 + 20^0 + 20^2 + 20^2 + 22^0 & = 122 + 200 + 202 + 202 + 220 \\
 946 &:= 4^2 + 20^2 + 23^2 + 47^0 & = 42 + 202 + 232 + 470 & 946 &:= 12^2 + 20^2 + 20^2 + 21^0 + 21^0 & = 122 + 202 + 202 + 210 + 210 \\
 946 &:= 4^3 + 21^0 + 29^2 + 40^1 & = 43 + 210 + 292 + 401 & 946 &:= 13^1 + 17^2 + 18^1 + 21^0 + 25^2 & = 131 + 172 + 181 + 210 + 252 \\
 946 &:= 5^3 + 25^0 + 28^2 + 36^1 & = 53 + 250 + 282 + 361 & 946 &:= 14^1 + 17^1 + 17^2 + 21^0 + 25^2 & = 141 + 171 + 172 + 210 + 252 \\
 946 &:= 6^3 + 9^0 + 26^2 + 53^1 & = 63 + 90 + 262 + 531 & 946 &:= 15^1 + 16^1 + 17^2 + 21^0 + 25^2 & = 151 + 161 + 172 + 210 + 252 \\
 946 &:= 6^3 + 9^3 + 79^0 & = 63 + 93 + 790 & 946 &:= 4^1 + 17^2 + 21^0 + 25^2 + 27^1 & = 41 + 172 + 210 + 252 + 271 \\
 946 &:= 7^3 + 24^2 + 26^1 + 37^0 & = 73 + 242 + 261 + 370 & 946 &:= 5^1 + 17^2 + 21^0 + 25^2 + 26^1 & = 51 + 172 + 210 + 252 + 261 \\
 946 &:= 8^2 + 16^2 + 25^2 + 45^0 & = 82 + 162 + 252 + 450 & 946 &:= 6^1 + 17^2 + 21^0 + 25^1 + 25^2 & = 61 + 172 + 210 + 251 + 252
 \end{aligned}$$

$$\begin{aligned}
 946 &:= 7^0 + 13^2 + 20^1 + 27^1 + 27^2 = 70 + 132 + 201 + 271 + 272 \\
 946 &:= 7^0 + 13^2 + 21^1 + 26^1 + 27^2 = 70 + 132 + 211 + 261 + 272 \\
 946 &:= 7^0 + 13^2 + 22^1 + 25^1 + 27^2 = 70 + 132 + 221 + 251 + 272 \\
 946 &:= 7^0 + 13^2 + 23^1 + 24^1 + 27^2 = 70 + 132 + 231 + 241 + 272 \\
 946 &:= 7^0 + 18^1 + 18^2 + 24^2 + 27^1 = 70 + 181 + 182 + 242 + 271 \\
 946 &:= 7^0 + 18^2 + 19^1 + 24^2 + 26^1 = 70 + 182 + 191 + 242 + 261 \\
 946 &:= 7^0 + 18^2 + 20^1 + 24^2 + 25^1 = 70 + 182 + 201 + 242 + 251 \\
 946 &:= 7^0 + 18^2 + 21^1 + 24^1 + 24^2 = 70 + 182 + 211 + 241 + 242 \\
 946 &:= 7^0 + 18^2 + 22^1 + 23^1 + 24^2 = 70 + 182 + 221 + 231 + 242 \\
 946 &:= 7^1 + 17^2 + 21^0 + 24^1 + 25^2 = 71 + 172 + 210 + 241 + 252 \\
 946 &:= 7^3 + 11^0 + 24^2 + 25^1 + 27^0 = 73 + 110 + 242 + 251 + 270 \\
 946 &:= 7^3 + 12^0 + 24^2 + 25^1 + 26^0 = 73 + 120 + 242 + 251 + 260 \\
 946 &:= 7^3 + 13^0 + 24^2 + 25^0 + 25^1 = 73 + 130 + 242 + 250 + 251 \\
 946 &:= 7^3 + 14^0 + 24^0 + 24^2 + 25^1 = 73 + 140 + 240 + 242 + 251 \\
 946 &:= 7^3 + 15^0 + 23^0 + 24^2 + 25^1 = 73 + 150 + 230 + 242 + 251
 \end{aligned}$$

$$\begin{aligned}
 946 &:= 7^3 + 16^0 + 22^0 + 24^2 + 25^1 = 73 + 160 + 220 + 242 + 251 \\
 946 &:= 7^3 + 17^0 + 21^0 + 24^2 + 25^1 = 73 + 170 + 210 + 242 + 251 \\
 946 &:= 7^3 + 18^0 + 20^0 + 24^2 + 25^1 = 73 + 180 + 200 + 242 + 251 \\
 946 &:= 7^3 + 19^0 + 19^0 + 24^2 + 25^1 = 73 + 190 + 190 + 242 + 251 \\
 946 &:= 8^1 + 17^2 + 21^0 + 23^1 + 25^2 = 81 + 172 + 210 + 231 + 252 \\
 946 &:= 9^0 + 15^2 + 17^1 + 26^2 + 27^1 = 90 + 152 + 171 + 262 + 271 \\
 946 &:= 9^0 + 15^2 + 18^1 + 26^1 + 26^2 = 90 + 152 + 181 + 261 + 262 \\
 946 &:= 9^0 + 15^2 + 19^1 + 25^1 + 26^2 = 90 + 152 + 191 + 251 + 262 \\
 946 &:= 9^0 + 15^2 + 20^1 + 24^1 + 26^2 = 90 + 152 + 201 + 241 + 262 \\
 946 &:= 9^0 + 15^2 + 21^1 + 23^1 + 26^2 = 90 + 152 + 211 + 231 + 262 \\
 946 &:= 9^0 + 15^2 + 22^1 + 22^1 + 26^2 = 90 + 152 + 221 + 221 + 262 \\
 946 &:= 9^1 + 17^2 + 21^0 + 22^1 + 25^2 = 91 + 172 + 210 + 221 + 252 \\
 946 &:= 9^3 + 14^2 + 19^1 + 25^0 + 27^0 = 93 + 142 + 191 + 250 + 270 \\
 946 &:= 9^3 + 14^2 + 19^1 + 26^0 + 26^0 = 93 + 142 + 191 + 260 + 260
 \end{aligned}$$

2.2.848 Number 947

$$\begin{aligned}
 947 &:= 1^1 + 6^3 + 9^3 + 78^0 = 11 + 63 + 93 + 780 \\
 947 &:= 1^2 + 6^3 + 27^2 + 60^0 = 12 + 63 + 272 + 600 \\
 947 &:= 1^4 + 18^0 + 30^2 + 45^1 = 14 + 180 + 302 + 451 \\
 947 &:= 1^6 + 2^8 + 25^2 + 65^1 = 16 + 28 + 252 + 651 \\
 947 &:= 1^8 + 3^6 + 6^3 + 83^0 = 18 + 36 + 63 + 830 \\
 947 &:= 2^4 + 30^1 + 30^2 + 32^0 = 24 + 301 + 302 + 320 \\
 947 &:= 3^4 + 24^1 + 29^2 + 38^0 = 34 + 241 + 292 + 380 \\
 947 &:= 4^3 + 21^2 + 21^2 + 48^0 = 43 + 212 + 212 + 480 \\
 947 &:= 4^4 + 14^1 + 26^2 + 50^0 = 44 + 141 + 262 + 500 \\
 947 &:= 5^3 + 14^2 + 25^2 + 50^0 = 53 + 142 + 252 + 500 \\
 947 &:= 5^4 + 17^2 + 32^1 + 40^0 = 54 + 172 + 321 + 400 \\
 947 &:= 5^4 + 8^0 + 16^2 + 65^1 = 54 + 80 + 162 + 651 \\
 947 &:= 6^3 + 17^2 + 21^2 + 50^0 = 63 + 172 + 212 + 500 \\
 947 &:= 10^2 + 12^2 + 20^0 + 26^1 + 26^2 = 102 + 122 + 200 + 261 + 262 \\
 947 &:= 10^2 + 14^2 + 20^0 + 25^1 + 25^2 = 102 + 142 + 200 + 251 + 252 \\
 947 &:= 11^2 + 15^2 + 20^0 + 24^1 + 24^2 = 112 + 152 + 200 + 241 + 242 \\
 947 &:= 11^2 + 17^1 + 18^2 + 22^2 + 26^0 = 112 + 171 + 182 + 222 + 260 \\
 947 &:= 11^2 + 18^0 + 20^2 + 20^2 + 25^1 = 112 + 180 + 202 + 202 + 251 \\
 947 &:= 11^2 + 19^2 + 20^0 + 21^2 + 23^1 = 112 + 192 + 200 + 212 + 231 \\
 947 &:= 12^2 + 16^2 + 17^1 + 23^2 + 26^0 = 122 + 162 + 171 + 232 + 260
 \end{aligned}$$

$$\begin{aligned}
 947 &:= 13^2 + 15^2 + 20^0 + 23^1 + 23^2 = 132 + 152 + 200 + 231 + 232 \\
 947 &:= 13^2 + 16^1 + 19^2 + 20^2 + 26^0 = 132 + 161 + 192 + 202 + 260 \\
 947 &:= 14^2 + 14^2 + 18^0 + 23^2 + 25^1 = 142 + 142 + 180 + 232 + 251 \\
 947 &:= 14^2 + 16^0 + 18^2 + 20^2 + 26^1 = 142 + 160 + 182 + 202 + 261 \\
 947 &:= 14^2 + 17^2 + 20^1 + 21^2 + 22^0 = 142 + 172 + 201 + 212 + 220 \\
 947 &:= 15^2 + 16^2 + 18^0 + 21^2 + 24^1 = 152 + 162 + 180 + 212 + 241 \\
 947 &:= 2^3 + 19^2 + 22^0 + 24^2 + 27^0 = 23 + 192 + 220 + 242 + 270 \\
 947 &:= 2^3 + 19^2 + 23^0 + 24^2 + 26^0 = 23 + 192 + 230 + 242 + 260 \\
 947 &:= 2^3 + 19^2 + 24^0 + 24^2 + 25^0 = 23 + 192 + 240 + 242 + 250 \\
 947 &:= 3^2 + 17^2 + 23^1 + 25^2 + 26^0 = 32 + 172 + 231 + 252 + 260 \\
 947 &:= 4^3 + 16^2 + 22^0 + 25^2 + 27^0 = 43 + 162 + 220 + 252 + 270 \\
 947 &:= 4^3 + 16^2 + 23^0 + 25^2 + 26^0 = 43 + 162 + 230 + 252 + 260 \\
 947 &:= 4^3 + 16^2 + 24^0 + 25^0 + 25^2 = 43 + 162 + 240 + 250 + 252 \\
 947 &:= 4^4 + 13^1 + 24^0 + 26^2 + 27^0 = 44 + 131 + 240 + 262 + 270 \\
 947 &:= 4^4 + 13^1 + 25^0 + 26^0 + 26^2 = 44 + 131 + 250 + 260 + 262 \\
 947 &:= 5^2 + 13^2 + 23^1 + 26^0 + 27^2 = 52 + 132 + 231 + 260 + 272 \\
 947 &:= 5^2 + 18^2 + 21^1 + 24^2 + 26^0 = 52 + 182 + 211 + 242 + 260 \\
 947 &:= 5^3 + 12^2 + 24^0 + 26^2 + 27^0 = 53 + 122 + 240 + 262 + 270 \\
 947 &:= 5^3 + 12^2 + 25^0 + 26^0 + 26^2 = 53 + 122 + 250 + 260 + 262 \\
 947 &:= 6^2 + 19^2 + 20^1 + 23^2 + 26^0 = 62 + 192 + 201 + 232 + 260
 \end{aligned}$$

$$\begin{aligned}
 947 &:= 6^2 + 20^0 + 20^2 + 22^2 + 26^1 = 62 + 200 + 202 + 222 + 261 \\
 947 &:= 6^3 + 8^0 + 26^2 + 27^1 + 27^1 = 63 + 80 + 262 + 271 + 271 \\
 947 &:= 7^2 + 12^2 + 24^0 + 24^1 + 27^2 = 72 + 122 + 240 + 241 + 272 \\
 947 &:= 7^2 + 14^2 + 22^0 + 25^1 + 26^2 = 72 + 142 + 220 + 251 + 262 \\
 947 &:= 9^2 + 13^2 + 20^1 + 26^0 + 26^2 = 92 + 132 + 201 + 260 + 262 \\
 947 &:= 9^2 + 19^2 + 20^1 + 22^2 + 24^0 = 92 + 192 + 201 + 222 + 240
 \end{aligned}$$

$$\begin{aligned}
 947 &:= 9^2 + 20^0 + 20^2 + 21^2 + 24^1 = 92 + 200 + 202 + 212 + 241 \\
 947 &:= 9^3 + 13^2 + 21^1 + 24^0 + 27^1 = 93 + 132 + 211 + 240 + 271 \\
 947 &:= 9^3 + 13^2 + 22^1 + 24^0 + 26^1 = 93 + 132 + 221 + 240 + 261 \\
 947 &:= 9^3 + 13^2 + 23^1 + 24^0 + 25^1 = 93 + 132 + 231 + 240 + 251 \\
 947 &:= 9^3 + 13^2 + 24^0 + 24^1 + 24^1 = 93 + 132 + 240 + 241 + 241
 \end{aligned}$$

2.2.849 Number 948

$$\begin{aligned}
 948 &:= 1^3 + 7^2 + 29^2 + 57^1 = 13 + 72 + 292 + 571 \\
 948 &:= 1^5 + 17^0 + 30^2 + 46^1 = 15 + 170 + 302 + 461 \\
 948 &:= 2^2 + 9^3 + 12^2 + 71^1 = 22 + 93 + 122 + 711 \\
 948 &:= 2^3 + 19^2 + 23^2 + 50^1 = 23 + 192 + 232 + 501 \\
 948 &:= 2^5 + 15^1 + 30^2 + 47^0 = 25 + 151 + 302 + 470 \\
 948 &:= 3^4 + 5^2 + 29^2 + 57^0 = 34 + 52 + 292 + 570 \\
 948 &:= 3^5 + 26^2 + 28^1 + 37^0 = 35 + 262 + 281 + 370 \\
 948 &:= 4^2 + 7^3 + 23^2 + 60^1 = 42 + 73 + 232 + 601 \\
 948 &:= 5^3 + 14^2 + 24^2 + 51^1 = 53 + 142 + 242 + 511 \\
 948 &:= 5^3 + 17^2 + 22^2 + 50^1 = 53 + 172 + 222 + 501 \\
 948 &:= 6^3 + 14^2 + 22^2 + 52^1 = 63 + 142 + 222 + 521 \\
 948 &:= 7^3 + 8^2 + 22^2 + 57^1 = 73 + 82 + 222 + 571 \\
 948 &:= 8^3 + 11^2 + 16^2 + 59^1 = 83 + 112 + 162 + 591 \\
 948 &:= 12^2 + 16^1 + 19^2 + 20^2 + 27^1 = 122 + 161 + 192 + 202 + 271 \\
 948 &:= 12^2 + 17^1 + 19^2 + 20^2 + 26^1 = 122 + 171 + 192 + 202 + 261 \\
 948 &:= 12^2 + 18^1 + 19^2 + 20^2 + 25^1 = 122 + 181 + 192 + 202 + 251 \\
 948 &:= 12^2 + 19^1 + 19^2 + 20^2 + 24^1 = 122 + 191 + 192 + 202 + 241 \\
 948 &:= 12^2 + 19^2 + 20^1 + 20^2 + 23^1 = 122 + 192 + 201 + 202 + 231 \\
 948 &:= 12^2 + 19^2 + 20^2 + 21^1 + 22^1 = 122 + 192 + 202 + 211 + 221 \\
 948 &:= 14^2 + 15^2 + 16^1 + 22^2 + 27^1 = 142 + 152 + 161 + 222 + 271 \\
 948 &:= 14^2 + 15^2 + 17^1 + 22^2 + 26^1 = 142 + 152 + 171 + 222 + 261 \\
 948 &:= 14^2 + 15^2 + 18^1 + 22^2 + 25^1 = 142 + 152 + 181 + 222 + 251 \\
 948 &:= 14^2 + 15^2 + 19^1 + 22^2 + 24^1 = 142 + 152 + 191 + 222 + 241 \\
 948 &:= 14^2 + 15^2 + 20^1 + 22^2 + 23^1 = 142 + 152 + 201 + 222 + 231 \\
 948 &:= 14^2 + 15^2 + 21^1 + 22^1 + 22^2 = 142 + 152 + 211 + 221 + 222 \\
 948 &:= 15^1 + 16^2 + 17^2 + 19^2 + 27^1 = 151 + 162 + 172 + 192 + 271 \\
 948 &:= 16^1 + 16^2 + 17^2 + 19^2 + 26^1 = 161 + 162 + 172 + 192 + 261 \\
 948 &:= 16^2 + 17^1 + 17^2 + 19^2 + 25^1 = 162 + 171 + 172 + 192 + 251 \\
 948 &:= 16^2 + 17^2 + 18^1 + 19^2 + 24^1 = 162 + 172 + 181 + 192 + 241
 \end{aligned}$$

$$\begin{aligned}
 948 &:= 16^2 + 17^2 + 19^1 + 19^2 + 23^1 = 162 + 172 + 191 + 192 + 231 \\
 948 &:= 16^2 + 17^2 + 19^2 + 20^1 + 22^1 = 162 + 172 + 192 + 201 + 221 \\
 948 &:= 16^2 + 17^2 + 19^2 + 21^1 + 21^1 = 162 + 172 + 192 + 211 + 211 \\
 948 &:= 2^3 + 17^2 + 25^0 + 25^1 + 25^2 = 23 + 172 + 250 + 251 + 252 \\
 948 &:= 3^2 + 19^2 + 22^1 + 23^2 + 27^1 = 32 + 192 + 221 + 232 + 271 \\
 948 &:= 3^2 + 19^2 + 23^1 + 23^2 + 26^1 = 32 + 192 + 231 + 232 + 261 \\
 948 &:= 3^2 + 19^2 + 23^2 + 24^1 + 25^1 = 32 + 192 + 232 + 241 + 251 \\
 948 &:= 3^4 + 17^2 + 23^0 + 24^2 + 27^0 = 34 + 172 + 230 + 242 + 270 \\
 948 &:= 3^4 + 17^2 + 24^0 + 24^2 + 26^0 = 34 + 172 + 240 + 242 + 260 \\
 948 &:= 3^4 + 17^2 + 24^2 + 25^0 + 25^0 = 34 + 172 + 242 + 250 + 250 \\
 948 &:= 3^5 + 11^0 + 26^2 + 27^0 + 27^1 = 35 + 110 + 262 + 270 + 271 \\
 948 &:= 3^5 + 12^0 + 26^0 + 26^2 + 27^1 = 35 + 120 + 260 + 262 + 271 \\
 948 &:= 3^5 + 13^0 + 25^0 + 26^2 + 27^1 = 35 + 130 + 250 + 262 + 271 \\
 948 &:= 3^5 + 14^0 + 24^0 + 26^2 + 27^1 = 35 + 140 + 240 + 262 + 271 \\
 948 &:= 3^5 + 15^0 + 23^0 + 26^2 + 27^1 = 35 + 150 + 230 + 262 + 271 \\
 948 &:= 3^5 + 16^0 + 22^0 + 26^2 + 27^1 = 35 + 160 + 220 + 262 + 271 \\
 948 &:= 3^5 + 17^0 + 21^0 + 26^2 + 27^1 = 35 + 170 + 210 + 262 + 271 \\
 948 &:= 3^5 + 18^0 + 20^0 + 26^2 + 27^1 = 35 + 180 + 200 + 262 + 271 \\
 948 &:= 3^5 + 19^0 + 19^0 + 26^2 + 27^1 = 35 + 190 + 190 + 262 + 271 \\
 948 &:= 4^2 + 20^2 + 21^1 + 22^2 + 27^1 = 42 + 202 + 211 + 222 + 271 \\
 948 &:= 4^2 + 20^2 + 22^1 + 22^2 + 26^1 = 42 + 202 + 221 + 222 + 261 \\
 948 &:= 4^2 + 20^2 + 22^2 + 23^1 + 25^1 = 42 + 202 + 222 + 231 + 251 \\
 948 &:= 4^2 + 20^2 + 22^2 + 24^1 + 24^1 = 42 + 202 + 222 + 241 + 241 \\
 948 &:= 5^2 + 12^2 + 23^1 + 27^1 + 27^2 = 52 + 122 + 231 + 271 + 272 \\
 948 &:= 5^2 + 12^2 + 24^1 + 26^1 + 27^2 = 52 + 122 + 241 + 261 + 272 \\
 948 &:= 5^2 + 12^2 + 25^1 + 25^1 + 27^2 = 52 + 122 + 251 + 251 + 272 \\
 948 &:= 5^3 + 11^2 + 25^1 + 26^2 + 27^0 = 53 + 112 + 251 + 262 + 270 \\
 948 &:= 5^3 + 20^2 + 20^2 + 22^1 + 27^0 = 53 + 202 + 202 + 221 + 270 \\
 948 &:= 6^2 + 17^2 + 20^1 + 24^2 + 27^1 = 62 + 172 + 201 + 242 + 271
 \end{aligned}$$

$$\begin{aligned}
 948 &:= 6^2 + 17^2 + 21^1 + 24^2 + 26^1 = 62 + 172 + 211 + 242 + 261 \\
 948 &:= 6^2 + 17^2 + 22^1 + 24^2 + 25^1 = 62 + 172 + 221 + 242 + 251 \\
 948 &:= 6^2 + 17^2 + 23^1 + 24^1 + 24^2 = 62 + 172 + 231 + 241 + 242 \\
 948 &:= 7^2 + 11^2 + 22^1 + 27^1 + 27^2 = 72 + 112 + 221 + 271 + 272 \\
 948 &:= 7^2 + 11^2 + 23^1 + 26^1 + 27^2 = 72 + 112 + 231 + 261 + 272 \\
 948 &:= 7^2 + 11^2 + 24^1 + 25^1 + 27^2 = 72 + 112 + 241 + 251 + 272 \\
 948 &:= 7^2 + 18^2 + 19^1 + 23^2 + 27^1 = 72 + 182 + 191 + 232 + 271 \\
 948 &:= 7^2 + 18^2 + 20^1 + 23^2 + 26^1 = 72 + 182 + 201 + 232 + 261 \\
 948 &:= 7^2 + 18^2 + 21^1 + 23^2 + 25^1 = 72 + 182 + 211 + 232 + 251 \\
 948 &:= 7^2 + 18^2 + 22^1 + 23^2 + 24^1 = 72 + 182 + 221 + 232 + 241 \\
 948 &:= 7^2 + 18^2 + 23^1 + 23^1 + 23^2 = 72 + 182 + 231 + 231 + 232
 \end{aligned}$$

$$\begin{aligned}
 948 &:= 7^3 + 17^2 + 17^2 + 26^1 + 27^0 = 73 + 172 + 172 + 261 + 270 \\
 948 &:= 9^2 + 12^2 + 20^1 + 26^2 + 27^1 = 92 + 122 + 201 + 262 + 271 \\
 948 &:= 9^2 + 12^2 + 21^1 + 26^1 + 26^2 = 92 + 122 + 211 + 261 + 262 \\
 948 &:= 9^2 + 12^2 + 22^1 + 25^1 + 26^2 = 92 + 122 + 221 + 251 + 262 \\
 948 &:= 9^2 + 12^2 + 23^1 + 24^1 + 26^2 = 92 + 122 + 231 + 241 + 262 \\
 948 &:= 9^2 + 14^2 + 19^1 + 25^2 + 27^1 = 92 + 142 + 191 + 252 + 271 \\
 948 &:= 9^2 + 14^2 + 20^1 + 25^2 + 26^1 = 92 + 142 + 201 + 252 + 261 \\
 948 &:= 9^2 + 14^2 + 21^1 + 25^1 + 25^2 = 92 + 142 + 211 + 251 + 252 \\
 948 &:= 9^2 + 14^2 + 22^1 + 24^1 + 25^2 = 92 + 142 + 221 + 241 + 252 \\
 948 &:= 9^2 + 14^2 + 23^1 + 23^1 + 25^2 = 92 + 142 + 231 + 231 + 252
 \end{aligned}$$

2.2.850 Number 949

$$\begin{aligned}
 949 &:= 1^6 + 16^0 + 30^2 + 47^1 = 16 + 160 + 302 + 471 \\
 949 &:= 2^5 + 4^2 + 30^2 + 58^0 = 25 + 42 + 302 + 580 \\
 949 &:= 2^6 + 20^0 + 29^2 + 43^1 = 26 + 200 + 292 + 431 \\
 949 &:= 3^6 + 13^2 + 28^0 + 50^1 = 36 + 132 + 280 + 501 \\
 949 &:= 3^6 + 14^2 + 23^1 + 54^0 = 36 + 142 + 231 + 540
 \end{aligned}$$

$$\begin{aligned}
 949 &:= 3^6 + 4^0 + 12^2 + 75^1 = 36 + 40 + 122 + 751 \\
 949 &:= 4^4 + 5^4 + 18^0 + 67^1 = 44 + 54 + 180 + 671 \\
 949 &:= 3^4 + 20^2 + 21^2 + 24^0 + 26^1 = 34 + 202 + 212 + 240 + 261
 \end{aligned}$$

2.2.851 Number 950

$$\begin{aligned}
 950 &:= 1^7 + 15^0 + 30^2 + 48^1 = 17 + 150 + 302 + 481 \\
 950 &:= 2^4 + 7^3 + 23^2 + 62^1 = 24 + 73 + 232 + 621 \\
 950 &:= 2^7 + 27^0 + 28^2 + 37^1 = 27 + 270 + 282 + 371 \\
 950 &:= 3^5 + 11^2 + 23^2 + 57^1 = 35 + 112 + 232 + 571 \\
 950 &:= 3^5 + 5^0 + 5^4 + 81^1 = 35 + 50 + 54 + 811 \\
 950 &:= 3^6 + 4^1 + 6^3 + 81^0 = 36 + 41 + 63 + 810 \\
 950 &:= 1^5 + 21^2 + 22^2 + 23^1 + 27^0 = 15 + 212 + 222 + 231 + 270 \\
 950 &:= 2^4 + 20^2 + 22^2 + 23^1 + 27^1 = 24 + 202 + 222 + 231 + 271 \\
 950 &:= 2^4 + 20^2 + 22^2 + 24^1 + 26^1 = 24 + 202 + 222 + 241 + 261 \\
 950 &:= 2^4 + 20^2 + 22^2 + 25^1 + 25^1 = 24 + 202 + 222 + 251 + 251
 \end{aligned}$$

$$\begin{aligned}
 950 &:= 2^5 + 19^2 + 23^0 + 23^2 + 27^1 = 25 + 192 + 230 + 232 + 271 \\
 950 &:= 2^6 + 20^2 + 22^2 + 23^0 + 27^0 = 26 + 202 + 222 + 230 + 270 \\
 950 &:= 2^6 + 20^2 + 22^2 + 24^0 + 26^0 = 26 + 202 + 222 + 240 + 260 \\
 950 &:= 2^6 + 20^2 + 22^2 + 25^0 + 25^0 = 26 + 202 + 222 + 250 + 250 \\
 950 &:= 3^4 + 17^2 + 23^2 + 24^1 + 27^1 = 34 + 172 + 232 + 241 + 271 \\
 950 &:= 3^4 + 17^2 + 23^2 + 25^1 + 26^1 = 34 + 172 + 232 + 251 + 261 \\
 950 &:= 3^6 + 13^2 + 24^1 + 27^0 + 27^1 = 36 + 132 + 241 + 270 + 271 \\
 950 &:= 3^6 + 13^2 + 25^1 + 26^1 + 27^0 = 36 + 132 + 251 + 261 + 270
 \end{aligned}$$

2.2.852 Number 951

$$\begin{aligned}
 951 &:= 1^5 + 5^4 + 18^2 + 70^0 = 15 + 54 + 182 + 700 \\
 951 &:= 1^7 + 18^2 + 25^2 + 50^0 = 17 + 182 + 252 + 500 \\
 951 &:= 1^7 + 7^2 + 30^2 + 56^0 = 17 + 72 + 302 + 560 \\
 951 &:= 1^8 + 14^0 + 30^2 + 49^1 = 18 + 140 + 302 + 491 \\
 951 &:= 2^8 + 18^1 + 26^2 + 48^0 = 28 + 181 + 262 + 480 \\
 951 &:= 1^6 + 21^2 + 22^2 + 24^1 + 26^0 = 16 + 212 + 222 + 241 + 260
 \end{aligned}$$

$$\begin{aligned}
 951 &:= 2^7 + 14^2 + 25^2 + 26^0 + 27^0 = 27 + 142 + 252 + 260 + 270 \\
 951 &:= 2^8 + 17^1 + 22^0 + 26^2 + 27^0 = 28 + 171 + 220 + 262 + 270 \\
 951 &:= 2^8 + 17^1 + 23^0 + 26^0 + 26^2 = 28 + 171 + 230 + 260 + 262 \\
 951 &:= 2^8 + 17^1 + 24^0 + 25^0 + 26^2 = 28 + 171 + 240 + 250 + 262
 \end{aligned}$$

2.2.853 Number 952

$$\begin{aligned}
 952 &:= 1^3 + 3^6 + 12^2 + 78^1 &= 13 + 36 + 122 + 781 \\
 952 &:= 1^7 + 13^2 + 27^2 + 53^1 &= 17 + 132 + 272 + 531 \\
 952 &:= 1^7 + 18^2 + 24^2 + 51^1 &= 17 + 182 + 242 + 511 \\
 952 &:= 1^9 + 13^0 + 30^2 + 50^1 &= 19 + 130 + 302 + 501 \\
 952 &:= 2^5 + 3^5 + 26^2 + 63^0 &= 25 + 35 + 262 + 630 \\
 952 &:= 2^7 + 12^2 + 25^2 + 55^1 &= 27 + 122 + 252 + 551 \\
 952 &:= 2^7 + 6^2 + 27^2 + 59^1 &= 27 + 62 + 272 + 591 \\
 952 &:= 2^9 + 20^2 + 33^0 + 39^1 &= 29 + 202 + 330 + 391 \\
 952 &:= 3^6 + 4^2 + 5^3 + 82^1 &= 36 + 42 + 53 + 821 \\
 952 &:= 3^6 + 4^3 + 9^2 + 78^1 &= 36 + 43 + 92 + 781
 \end{aligned}$$

$$\begin{aligned}
 952 &:= 1^6 + 13^2 + 26^1 + 27^1 + 27^2 = 16 + 132 + 261 + 271 + 272 \\
 952 &:= 1^6 + 18^2 + 24^1 + 24^2 + 27^1 = 16 + 182 + 241 + 242 + 271 \\
 952 &:= 1^6 + 18^2 + 24^2 + 25^1 + 26^1 = 16 + 182 + 242 + 251 + 261 \\
 952 &:= 1^7 + 14^2 + 25^1 + 27^0 + 27^2 = 17 + 142 + 251 + 270 + 272 \\
 952 &:= 1^7 + 21^2 + 22^2 + 25^0 + 25^1 = 17 + 212 + 222 + 250 + 251 \\
 952 &:= 1^8 + 18^2 + 23^0 + 25^2 + 27^0 = 18 + 182 + 230 + 252 + 270 \\
 952 &:= 1^8 + 18^2 + 24^0 + 25^2 + 26^0 = 18 + 182 + 240 + 252 + 260 \\
 952 &:= 1^8 + 18^2 + 25^0 + 25^0 + 25^2 = 18 + 182 + 250 + 250 + 252
 \end{aligned}$$

2.2.854 Number 953

$$\begin{aligned}
 953 &:= 13^0 + 30^2 + 52^1 &= 130 + 302 + 521 \\
 953 &:= 1^0 + 13^0 + 30^2 + 51^1 &= 10 + 130 + 302 + 511 \\
 953 &:= 13^0 + 30^2 + 52^1 &= 130 + 302 + 521 \\
 953 &:= 2^0 + 12^0 + 30^2 + 51^1 &= 20 + 120 + 302 + 511 \\
 953 &:= 2^8 + 5^4 + 16^0 + 71^1 &= 28 + 54 + 160 + 711 \\
 953 &:= 3^0 + 11^0 + 30^2 + 51^1 &= 30 + 110 + 302 + 511 \\
 953 &:= 4^0 + 10^0 + 30^2 + 51^1 &= 40 + 100 + 302 + 511
 \end{aligned}$$

$$\begin{aligned}
 953 &:= 5^0 + 9^0 + 30^2 + 51^1 &= 50 + 90 + 302 + 511 \\
 953 &:= 6^0 + 8^0 + 30^2 + 51^1 &= 60 + 80 + 302 + 511 \\
 953 &:= 7^0 + 7^0 + 30^2 + 51^1 &= 70 + 70 + 302 + 511 \\
 953 &:= 1^8 + 14^2 + 26^0 + 26^1 + 27^2 = 18 + 142 + 260 + 261 + 272 \\
 953 &:= 1^8 + 21^2 + 22^2 + 24^0 + 26^1 = 18 + 212 + 222 + 240 + 261
 \end{aligned}$$

2.2.855 Number 954

$$\begin{aligned}
 954 &:= 13^2 + 28^2 + 54^0 &= 132 + 282 + 540 \\
 954 &:= 1^1 + 12^0 + 30^2 + 52^1 &= 11 + 120 + 302 + 521 \\
 954 &:= 1^4 + 3^5 + 5^4 + 85^1 &= 14 + 35 + 54 + 851 \\
 954 &:= 1^7 + 5^4 + 16^2 + 72^1 &= 17 + 54 + 162 + 721 \\
 954 &:= 1^8 + 6^3 + 26^2 + 61^1 &= 18 + 63 + 262 + 611 \\
 954 &:= 1^9 + 15^2 + 26^2 + 52^1 &= 19 + 152 + 262 + 521 \\
 954 &:= 10^1 + 12^0 + 30^2 + 43^1 &= 101 + 120 + 302 + 431 \\
 954 &:= 11^1 + 12^0 + 30^2 + 42^1 &= 111 + 120 + 302 + 421 \\
 954 &:= 12^0 + 12^1 + 30^2 + 41^1 &= 120 + 121 + 302 + 411 \\
 954 &:= 12^0 + 13^1 + 30^2 + 40^1 &= 120 + 131 + 302 + 401 \\
 954 &:= 12^0 + 14^1 + 30^2 + 39^1 &= 120 + 141 + 302 + 391 \\
 954 &:= 12^0 + 15^1 + 30^2 + 38^1 &= 120 + 151 + 302 + 381 \\
 954 &:= 12^0 + 16^1 + 30^2 + 37^1 &= 120 + 161 + 302 + 371 \\
 954 &:= 12^0 + 17^1 + 30^2 + 36^1 &= 120 + 171 + 302 + 361 \\
 954 &:= 12^0 + 18^1 + 30^2 + 35^1 &= 120 + 181 + 302 + 351
 \end{aligned}$$

$$\begin{aligned}
 954 &:= 12^0 + 19^1 + 30^2 + 34^1 &= 120 + 191 + 302 + 341 \\
 954 &:= 12^0 + 20^1 + 30^2 + 33^1 &= 120 + 201 + 302 + 331 \\
 954 &:= 12^0 + 21^1 + 30^2 + 32^1 &= 120 + 211 + 302 + 321 \\
 954 &:= 12^0 + 22^1 + 30^2 + 31^1 &= 120 + 221 + 302 + 311 \\
 954 &:= 12^0 + 23^1 + 30^1 + 30^2 &= 120 + 231 + 301 + 302 \\
 954 &:= 12^0 + 24^1 + 29^1 + 30^2 &= 120 + 241 + 291 + 302 \\
 954 &:= 12^0 + 25^1 + 28^1 + 30^2 &= 120 + 251 + 281 + 302 \\
 954 &:= 12^0 + 26^1 + 27^1 + 30^2 &= 120 + 261 + 271 + 302 \\
 954 &:= 13^2 + 28^2 + 54^0 &= 132 + 282 + 540 \\
 954 &:= 2^1 + 12^0 + 30^2 + 51^1 &= 21 + 120 + 302 + 511 \\
 954 &:= 2^3 + 2^8 + 25^2 + 65^1 &= 23 + 28 + 252 + 651 \\
 954 &:= 2^4 + 3^6 + 5^3 + 84^1 &= 24 + 36 + 53 + 841 \\
 954 &:= 2^6 + 3^4 + 9^3 + 80^1 &= 26 + 34 + 93 + 801 \\
 954 &:= 2^8 + 4^4 + 21^2 + 67^0 &= 28 + 44 + 212 + 670 \\
 954 &:= 2^9 + 11^2 + 16^2 + 65^1 &= 29 + 112 + 162 + 651
 \end{aligned}$$

$$\begin{aligned}
 954 &:= 2^9 + 6^3 + 15^2 + 71^0 &= 29 + 63 + 152 + 710 \\
 954 &:= 3^1 + 12^0 + 30^2 + 50^1 &= 31 + 120 + 302 + 501 \\
 954 &:= 4^1 + 12^0 + 30^2 + 49^1 &= 41 + 120 + 302 + 491 \\
 954 &:= 5^1 + 12^0 + 30^2 + 48^1 &= 51 + 120 + 302 + 481 \\
 954 &:= 6^1 + 12^0 + 30^2 + 47^1 &= 61 + 120 + 302 + 471 \\
 954 &:= 7^1 + 12^0 + 30^2 + 46^1 &= 71 + 120 + 302 + 461 \\
 954 &:= 8^1 + 12^0 + 30^2 + 45^1 &= 81 + 120 + 302 + 451
 \end{aligned}$$

$$\begin{aligned}
 954 &:= 9^1 + 12^0 + 30^2 + 44^1 &= 91 + 120 + 302 + 441 \\
 954 &:= 1^8 + 15^2 + 25^1 + 26^2 + 27^1 &= 18 + 152 + 251 + 262 + 271 \\
 954 &:= 1^8 + 15^2 + 26^1 + 26^1 + 26^2 &= 18 + 152 + 261 + 261 + 262 \\
 954 &:= 1^9 + 14^2 + 25^0 + 27^1 + 27^2 &= 19 + 142 + 250 + 271 + 272 \\
 954 &:= 1^9 + 20^2 + 23^1 + 23^2 + 27^0 &= 19 + 202 + 231 + 232 + 270 \\
 954 &:= 1^9 + 21^2 + 22^2 + 23^0 + 27^1 &= 19 + 212 + 222 + 230 + 271
 \end{aligned}$$

2.2.856 Number 955

$$\begin{aligned}
 955 &:= 15^2 + 26^2 + 54^1 &= 152 + 262 + 541 \\
 955 &:= 9^3 + 15^2 + 71^0 &= 93 + 152 + 710 \\
 955 &:= 1^0 + 15^2 + 26^2 + 53^1 &= 10 + 152 + 262 + 531 \\
 955 &:= 1^0 + 8^3 + 21^2 + 65^0 &= 10 + 83 + 212 + 650 \\
 955 &:= 1^1 + 13^2 + 28^2 + 53^0 &= 11 + 132 + 282 + 530 \\
 955 &:= 1^2 + 11^0 + 30^2 + 53^1 &= 12 + 110 + 302 + 531 \\
 955 &:= 1^4 + 2^9 + 21^2 + 70^0 &= 14 + 29 + 212 + 700 \\
 955 &:= 10^2 + 13^1 + 29^2 + 43^0 &= 102 + 131 + 292 + 430 \\
 955 &:= 12^2 + 26^1 + 28^2 + 29^0 &= 122 + 261 + 282 + 290 \\
 955 &:= 13^0 + 17^2 + 25^2 + 40^1 &= 130 + 172 + 252 + 401 \\
 955 &:= 14^2 + 25^0 + 27^2 + 29^1 &= 142 + 250 + 272 + 291 \\
 955 &:= 15^2 + 26^2 + 54^1 &= 152 + 262 + 541 \\
 955 &:= 16^2 + 22^1 + 26^2 + 31^0 &= 162 + 221 + 262 + 310 \\
 955 &:= 17^1 + 19^2 + 24^2 + 35^0 &= 171 + 192 + 242 + 350 \\
 955 &:= 2^0 + 8^3 + 21^2 + 64^0 &= 20 + 83 + 212 + 640 \\
 955 &:= 2^2 + 13^0 + 30^2 + 50^1 &= 22 + 130 + 302 + 501 \\
 955 &:= 2^9 + 3^4 + 19^2 + 70^0 &= 29 + 34 + 192 + 700 \\
 955 &:= 20^2 + 23^2 + 25^1 + 27^0 &= 202 + 232 + 251 + 270 \\
 955 &:= 21^2 + 22^2 + 23^0 + 29^1 &= 212 + 222 + 230 + 291 \\
 955 &:= 3^0 + 8^3 + 21^2 + 63^0 &= 30 + 83 + 212 + 630 \\
 955 &:= 3^2 + 17^0 + 30^2 + 45^1 &= 32 + 170 + 302 + 451 \\
 955 &:= 4^0 + 8^3 + 21^2 + 62^0 &= 40 + 83 + 212 + 620 \\
 955 &:= 4^2 + 23^0 + 30^2 + 38^1 &= 42 + 230 + 302 + 381 \\
 955 &:= 5^0 + 8^3 + 21^2 + 61^0 &= 50 + 83 + 212 + 610 \\
 955 &:= 5^1 + 18^2 + 25^2 + 47^0 &= 51 + 182 + 252 + 470 \\
 955 &:= 5^1 + 7^2 + 30^2 + 53^0 &= 51 + 72 + 302 + 530 \\
 955 &:= 5^2 + 29^1 + 30^2 + 31^0 &= 52 + 291 + 302 + 310 \\
 955 &:= 6^0 + 8^3 + 21^2 + 60^0 &= 60 + 83 + 212 + 600
 \end{aligned}$$

$$\begin{aligned}
 955 &:= 6^2 + 18^1 + 30^2 + 41^0 &= 62 + 181 + 302 + 410 \\
 955 &:= 7^0 + 11^2 + 28^2 + 49^1 &= 70 + 112 + 282 + 491 \\
 955 &:= 7^0 + 8^3 + 21^2 + 59^0 &= 70 + 83 + 212 + 590 \\
 955 &:= 8^0 + 8^3 + 21^2 + 58^0 &= 80 + 83 + 212 + 580 \\
 955 &:= 8^2 + 9^0 + 29^2 + 49^1 &= 82 + 90 + 292 + 491 \\
 955 &:= 8^3 + 10^0 + 21^2 + 56^0 &= 83 + 100 + 212 + 560 \\
 955 &:= 8^3 + 11^0 + 21^2 + 55^0 &= 83 + 110 + 212 + 550 \\
 955 &:= 8^3 + 12^0 + 21^2 + 54^0 &= 83 + 120 + 212 + 540 \\
 955 &:= 8^3 + 13^0 + 21^2 + 53^0 &= 83 + 130 + 212 + 530 \\
 955 &:= 8^3 + 14^0 + 21^2 + 52^0 &= 83 + 140 + 212 + 520 \\
 955 &:= 8^3 + 15^0 + 21^2 + 51^0 &= 83 + 150 + 212 + 510 \\
 955 &:= 8^3 + 16^0 + 21^2 + 50^0 &= 83 + 160 + 212 + 500 \\
 955 &:= 8^3 + 17^0 + 21^2 + 49^0 &= 83 + 170 + 212 + 490 \\
 955 &:= 8^3 + 18^0 + 21^2 + 48^0 &= 83 + 180 + 212 + 480 \\
 955 &:= 8^3 + 19^0 + 21^2 + 47^0 &= 83 + 190 + 212 + 470 \\
 955 &:= 8^3 + 20^0 + 21^2 + 46^0 &= 83 + 200 + 212 + 460 \\
 955 &:= 8^3 + 21^0 + 21^2 + 45^0 &= 83 + 210 + 212 + 450 \\
 955 &:= 8^3 + 21^2 + 22^0 + 44^0 &= 83 + 212 + 220 + 440 \\
 955 &:= 8^3 + 21^2 + 23^0 + 43^0 &= 83 + 212 + 230 + 430 \\
 955 &:= 8^3 + 21^2 + 24^0 + 42^0 &= 83 + 212 + 240 + 420 \\
 955 &:= 8^3 + 21^2 + 25^0 + 41^0 &= 83 + 212 + 250 + 410 \\
 955 &:= 8^3 + 21^2 + 26^0 + 40^0 &= 83 + 212 + 260 + 400 \\
 955 &:= 8^3 + 21^2 + 27^0 + 39^0 &= 83 + 212 + 270 + 390 \\
 955 &:= 8^3 + 21^2 + 28^0 + 38^0 &= 83 + 212 + 280 + 380 \\
 955 &:= 8^3 + 21^2 + 29^0 + 37^0 &= 83 + 212 + 290 + 370 \\
 955 &:= 8^3 + 21^2 + 30^0 + 36^0 &= 83 + 212 + 300 + 360 \\
 955 &:= 8^3 + 21^2 + 31^0 + 35^0 &= 83 + 212 + 310 + 350 \\
 955 &:= 8^3 + 21^2 + 32^0 + 34^0 &= 83 + 212 + 320 + 340
 \end{aligned}$$

$955 := 8^3 + 21^2 + 33^0 + 33^0$	$= 83 + 212 + 330 + 330$	$955 := 16^0 + 16^1 + 19^2 + 20^0 + 24^2$	$= 160 + 161 + 192 + 200 + 242$
$955 := 8^3 + 9^0 + 21^2 + 57^0$	$= 83 + 90 + 212 + 570$	$955 := 16^1 + 17^0 + 19^0 + 19^2 + 24^2$	$= 161 + 170 + 190 + 192 + 242$
$955 := 9^2 + 25^0 + 29^2 + 32^1$	$= 92 + 250 + 292 + 321$	$955 := 16^1 + 18^0 + 18^0 + 19^2 + 24^2$	$= 161 + 180 + 180 + 192 + 242$
$955 := 1^0 + 20^2 + 23^2 + 24^1 + 27^0$	$= 10 + 202 + 232 + 241 + 270$	$955 := 2^0 + 20^2 + 23^2 + 24^1 + 26^0$	$= 20 + 202 + 232 + 241 + 260$
$955 := 10^0 + 16^1 + 19^2 + 24^2 + 26^0$	$= 100 + 161 + 192 + 242 + 260$	$955 := 3^0 + 20^2 + 23^2 + 24^1 + 25^0$	$= 30 + 202 + 232 + 241 + 250$
$955 := 10^0 + 16^2 + 21^1 + 22^0 + 26^2$	$= 100 + 162 + 211 + 220 + 262$	$955 := 4^0 + 20^2 + 23^2 + 24^0 + 24^1$	$= 40 + 202 + 232 + 240 + 241$
$955 := 10^0 + 18^0 + 20^2 + 23^2 + 24^1$	$= 100 + 180 + 202 + 232 + 241$	$955 := 4^1 + 18^2 + 21^0 + 25^2 + 27^0$	$= 41 + 182 + 210 + 252 + 270$
$955 := 11^0 + 16^1 + 19^2 + 24^2 + 25^0$	$= 110 + 161 + 192 + 242 + 250$	$955 := 4^1 + 18^2 + 22^0 + 25^2 + 26^0$	$= 41 + 182 + 220 + 252 + 260$
$955 := 11^0 + 16^2 + 21^0 + 21^1 + 26^2$	$= 110 + 162 + 210 + 211 + 262$	$955 := 4^1 + 18^2 + 23^0 + 25^0 + 25^2$	$= 41 + 182 + 230 + 250 + 252$
$955 := 11^0 + 17^0 + 20^2 + 23^2 + 24^1$	$= 110 + 170 + 202 + 232 + 241$	$955 := 4^1 + 18^2 + 24^0 + 24^0 + 25^2$	$= 41 + 182 + 240 + 240 + 252$
$955 := 12^0 + 16^0 + 20^2 + 23^2 + 24^1$	$= 120 + 160 + 202 + 232 + 241$	$955 := 5^0 + 16^2 + 21^1 + 26^2 + 27^0$	$= 50 + 162 + 211 + 262 + 270$
$955 := 12^0 + 16^1 + 19^2 + 24^0 + 24^2$	$= 120 + 161 + 192 + 240 + 242$	$955 := 5^0 + 20^2 + 23^0 + 23^2 + 24^1$	$= 50 + 202 + 230 + 232 + 241$
$955 := 12^0 + 16^2 + 20^0 + 21^1 + 26^2$	$= 120 + 162 + 200 + 211 + 262$	$955 := 6^0 + 16^2 + 21^1 + 26^0 + 26^2$	$= 60 + 162 + 211 + 260 + 262$
$955 := 13^0 + 15^0 + 20^2 + 23^2 + 24^1$	$= 130 + 150 + 202 + 232 + 241$	$955 := 6^0 + 20^2 + 22^0 + 23^2 + 24^1$	$= 60 + 202 + 220 + 232 + 241$
$955 := 13^0 + 16^1 + 19^2 + 23^0 + 24^2$	$= 130 + 161 + 192 + 230 + 242$	$955 := 7^0 + 16^2 + 21^1 + 25^0 + 26^2$	$= 70 + 162 + 211 + 250 + 262$
$955 := 13^0 + 16^2 + 19^0 + 21^1 + 26^2$	$= 130 + 162 + 190 + 211 + 262$	$955 := 7^0 + 20^2 + 21^0 + 23^2 + 24^1$	$= 70 + 202 + 210 + 232 + 241$
$955 := 14^0 + 14^0 + 20^2 + 23^2 + 24^1$	$= 140 + 140 + 202 + 232 + 241$	$955 := 8^0 + 16^2 + 21^1 + 24^0 + 26^2$	$= 80 + 162 + 211 + 240 + 262$
$955 := 14^0 + 16^1 + 19^2 + 22^0 + 24^2$	$= 140 + 161 + 192 + 220 + 242$	$955 := 8^0 + 20^0 + 20^2 + 23^2 + 24^1$	$= 80 + 200 + 202 + 232 + 241$
$955 := 14^0 + 16^2 + 18^0 + 21^1 + 26^2$	$= 140 + 162 + 180 + 211 + 262$	$955 := 9^0 + 16^1 + 19^2 + 24^2 + 27^0$	$= 90 + 161 + 192 + 242 + 270$
$955 := 15^0 + 16^1 + 19^2 + 21^0 + 24^2$	$= 150 + 161 + 192 + 210 + 242$	$955 := 9^0 + 16^2 + 21^1 + 23^0 + 26^2$	$= 90 + 162 + 211 + 230 + 262$
$955 := 15^0 + 16^2 + 17^0 + 21^1 + 26^2$	$= 150 + 162 + 170 + 211 + 262$	$955 := 9^0 + 19^0 + 20^2 + 23^2 + 24^1$	$= 90 + 190 + 202 + 232 + 241$
$955 := 16^0 + 16^0 + 16^2 + 21^1 + 26^2$	$= 160 + 160 + 162 + 211 + 262$		

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$956 := 1^1 + 9^3 + 15^2 + 70^0$	$= 11 + 93 + 152 + 700$	$956 := 9^3 + 13^2 + 16^0 + 57^1$	$= 93 + 132 + 160 + 571$
$956 := 1^2 + 15^2 + 27^2 + 52^0$	$= 12 + 152 + 272 + 520$	$956 := 9^3 + 14^2 + 30^1 + 42^0$	$= 93 + 142 + 301 + 420$
$956 := 1^3 + 10^0 + 30^2 + 54^1$	$= 13 + 100 + 302 + 541$	$956 := 1^1 + 20^2 + 23^2 + 25^1 + 26^0$	$= 11 + 202 + 232 + 251 + 260$
$956 := 1^8 + 3^6 + 15^2 + 75^0$	$= 18 + 36 + 152 + 750$	$956 := 10^1 + 14^2 + 20^1 + 24^0 + 27^2$	$= 101 + 142 + 201 + 240 + 272$
$956 := 15^2 + 17^2 + 21^2 + 42^0$	$= 152 + 172 + 212 + 420$	$956 := 10^1 + 16^1 + 20^2 + 23^2 + 26^0$	$= 101 + 161 + 202 + 232 + 260$
$956 := 2^1 + 8^3 + 21^2 + 64^0$	$= 21 + 83 + 212 + 640$	$956 := 10^1 + 20^1 + 21^2 + 22^0 + 22^2$	$= 101 + 201 + 212 + 220 + 222$
$956 := 2^3 + 16^0 + 30^2 + 47^1$	$= 23 + 160 + 302 + 471$	$956 := 11^1 + 14^2 + 19^1 + 24^0 + 27^2$	$= 111 + 142 + 191 + 240 + 272$
$956 := 3^3 + 28^1 + 30^2 + 34^0$	$= 33 + 281 + 302 + 340$	$956 := 11^1 + 15^1 + 20^2 + 23^2 + 26^0$	$= 111 + 151 + 202 + 232 + 260$
$956 := 4^3 + 12^0 + 29^2 + 50^1$	$= 43 + 120 + 292 + 501$	$956 := 11^1 + 19^1 + 21^2 + 22^0 + 22^2$	$= 111 + 191 + 212 + 220 + 222$
$956 := 5^3 + 16^0 + 28^2 + 46^1$	$= 53 + 160 + 282 + 461$	$956 := 12^0 + 14^1 + 17^2 + 25^2 + 27^1$	$= 120 + 141 + 172 + 252 + 271$
$956 := 6^3 + 10^1 + 27^2 + 52^0$	$= 63 + 101 + 272 + 520$	$956 := 12^0 + 15^1 + 17^2 + 25^2 + 26^1$	$= 120 + 151 + 172 + 252 + 261$
$956 := 7^3 + 24^2 + 28^0 + 36^1$	$= 73 + 242 + 280 + 361$	$956 := 12^0 + 16^1 + 17^2 + 25^1 + 25^2$	$= 120 + 161 + 172 + 251 + 252$
$956 := 8^3 + 20^2 + 24^0 + 43^1$	$= 83 + 202 + 240 + 431$	$956 := 12^0 + 17^1 + 17^2 + 24^1 + 25^2$	$= 120 + 171 + 172 + 241 + 252$

$956 := 12^0 + 17^2 + 18^1 + 23^1 + 25^2 = 120 + 172 + 181 + 231 + 252$	$956 := 5^1 + 21^2 + 22^0 + 22^2 + 25^1 = 51 + 212 + 220 + 222 + 251$
$956 := 12^0 + 17^2 + 19^1 + 22^1 + 25^2 = 120 + 172 + 191 + 221 + 252$	$956 := 5^2 + 20^0 + 20^2 + 23^2 + 27^0 = 52 + 200 + 202 + 232 + 270$
$956 := 12^0 + 17^2 + 20^1 + 21^1 + 25^2 = 120 + 172 + 201 + 211 + 252$	$956 := 5^2 + 20^2 + 21^0 + 23^2 + 26^0 = 52 + 202 + 210 + 232 + 260$
$956 := 12^1 + 14^1 + 20^2 + 23^2 + 26^0 = 121 + 141 + 202 + 232 + 260$	$956 := 5^2 + 20^2 + 22^0 + 23^2 + 25^0 = 52 + 202 + 220 + 232 + 250$
$956 := 12^1 + 14^2 + 18^1 + 24^0 + 27^2 = 121 + 142 + 181 + 240 + 272$	$956 := 5^2 + 20^2 + 23^0 + 23^2 + 24^0 = 52 + 202 + 230 + 232 + 240$
$956 := 12^1 + 18^1 + 21^2 + 22^0 + 22^2 = 121 + 181 + 212 + 220 + 222$	$956 := 6^1 + 14^2 + 24^0 + 24^1 + 27^2 = 61 + 142 + 240 + 241 + 272$
$956 := 13^1 + 13^1 + 20^2 + 23^2 + 26^0 = 131 + 131 + 202 + 232 + 260$	$956 := 6^1 + 20^1 + 20^2 + 23^2 + 26^0 = 61 + 201 + 202 + 232 + 260$
$956 := 13^1 + 14^2 + 17^1 + 24^0 + 27^2 = 131 + 142 + 171 + 240 + 272$	$956 := 6^1 + 21^2 + 22^0 + 22^2 + 24^1 = 61 + 212 + 220 + 222 + 241$
$956 := 13^1 + 17^1 + 21^2 + 22^0 + 22^2 = 131 + 171 + 212 + 220 + 222$	$956 := 6^3 + 9^1 + 26^0 + 27^0 + 27^2 = 63 + 91 + 260 + 270 + 272$
$956 := 13^2 + 16^0 + 16^2 + 23^2 + 27^0 = 132 + 160 + 162 + 232 + 270$	$956 := 7^1 + 14^2 + 23^1 + 24^0 + 27^2 = 71 + 142 + 231 + 240 + 272$
$956 := 13^2 + 16^2 + 17^0 + 23^2 + 26^0 = 132 + 162 + 170 + 232 + 260$	$956 := 7^1 + 19^1 + 20^2 + 23^2 + 26^0 = 71 + 191 + 202 + 232 + 260$
$956 := 13^2 + 16^2 + 18^0 + 23^2 + 25^0 = 132 + 162 + 180 + 232 + 250$	$956 := 7^1 + 21^2 + 22^0 + 22^2 + 23^1 = 71 + 212 + 220 + 222 + 231$
$956 := 13^2 + 16^2 + 19^0 + 23^2 + 24^0 = 132 + 162 + 190 + 232 + 240$	$956 := 8^1 + 14^2 + 22^1 + 24^0 + 27^2 = 81 + 142 + 221 + 240 + 272$
$956 := 13^2 + 16^2 + 20^0 + 23^0 + 23^2 = 132 + 162 + 200 + 230 + 232$	$956 := 8^1 + 18^1 + 20^2 + 23^2 + 26^0 = 81 + 181 + 202 + 232 + 260$
$956 := 13^2 + 16^2 + 21^0 + 22^0 + 23^2 = 132 + 162 + 210 + 220 + 232$	$956 := 8^1 + 21^2 + 22^0 + 22^1 + 22^2 = 81 + 212 + 220 + 221 + 222$
$956 := 14^1 + 14^2 + 16^1 + 24^0 + 27^2 = 141 + 142 + 161 + 240 + 272$	$956 := 8^2 + 18^0 + 19^2 + 23^2 + 27^0 = 82 + 180 + 192 + 232 + 270$
$956 := 14^1 + 16^1 + 21^2 + 22^0 + 22^2 = 141 + 161 + 212 + 220 + 222$	$956 := 8^2 + 19^0 + 19^2 + 23^2 + 26^0 = 82 + 190 + 192 + 232 + 260$
$956 := 14^2 + 15^1 + 15^1 + 24^0 + 27^2 = 142 + 151 + 151 + 240 + 272$	$956 := 8^2 + 19^2 + 20^0 + 23^2 + 25^0 = 82 + 192 + 200 + 232 + 250$
$956 := 15^1 + 15^1 + 21^2 + 22^0 + 22^2 = 151 + 151 + 212 + 220 + 222$	$956 := 8^2 + 19^2 + 21^0 + 23^2 + 24^0 = 82 + 192 + 210 + 232 + 240$
$956 := 2^1 + 20^2 + 23^2 + 24^1 + 26^0 = 21 + 202 + 232 + 241 + 260$	$956 := 8^2 + 19^2 + 22^0 + 23^0 + 23^2 = 82 + 192 + 220 + 230 + 232$
$956 := 3^1 + 14^2 + 24^0 + 27^1 + 27^2 = 31 + 142 + 240 + 271 + 272$	$956 := 9^1 + 14^2 + 21^1 + 24^0 + 27^2 = 91 + 142 + 211 + 240 + 272$
$956 := 3^1 + 20^2 + 23^1 + 23^2 + 26^0 = 31 + 202 + 231 + 232 + 260$	$956 := 9^1 + 17^1 + 20^2 + 23^2 + 26^0 = 91 + 171 + 202 + 232 + 260$
$956 := 3^1 + 21^2 + 22^0 + 22^2 + 27^1 = 31 + 212 + 220 + 222 + 271$	$956 := 9^1 + 21^1 + 21^2 + 22^0 + 22^2 = 91 + 211 + 212 + 220 + 222$
$956 := 4^1 + 14^2 + 24^0 + 26^1 + 27^2 = 41 + 142 + 240 + 261 + 272$	$956 := 9^2 + 12^2 + 20^0 + 27^0 + 27^2 = 92 + 122 + 200 + 270 + 272$
$956 := 4^1 + 20^2 + 22^1 + 23^2 + 26^0 = 41 + 202 + 221 + 232 + 260$	$956 := 9^2 + 12^2 + 21^0 + 26^0 + 27^2 = 92 + 122 + 210 + 260 + 272$
$956 := 4^1 + 21^2 + 22^0 + 22^2 + 26^1 = 41 + 212 + 220 + 222 + 261$	$956 := 9^2 + 12^2 + 22^0 + 25^0 + 27^2 = 92 + 122 + 220 + 250 + 272$
$956 := 5^1 + 14^2 + 24^0 + 25^1 + 27^2 = 51 + 142 + 240 + 251 + 272$	$956 := 9^2 + 12^2 + 23^0 + 24^0 + 27^2 = 92 + 122 + 230 + 240 + 272$
$956 := 5^1 + 20^2 + 21^1 + 23^2 + 26^0 = 51 + 202 + 211 + 232 + 260$	

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$957 := 1^4 + 9^0 + 30^2 + 55^1 = 14 + 90 + 302 + 551$	$957 := 5^2 + 20^2 + 22^2 + 48^1 = 52 + 202 + 222 + 481$
$957 := 15^2 + 17^2 + 20^2 + 43^1 = 152 + 172 + 202 + 431$	$957 := 5^2 + 6^2 + 29^2 + 55^1 = 52 + 62 + 292 + 551$
$957 := 2^2 + 15^2 + 26^2 + 52^1 = 22 + 152 + 262 + 521$	$957 := 5^4 + 17^2 + 31^0 + 42^1 = 54 + 172 + 310 + 421$
$957 := 2^4 + 23^0 + 30^2 + 40^1 = 24 + 230 + 302 + 401$	$957 := 5^4 + 7^1 + 18^2 + 65^0 = 54 + 71 + 182 + 650$
$957 := 3^3 + 20^2 + 23^2 + 49^0 = 33 + 202 + 232 + 490$	$957 := 6^2 + 14^2 + 26^2 + 49^1 = 62 + 142 + 262 + 491$
$957 := 3^4 + 29^0 + 29^2 + 34^1 = 34 + 290 + 292 + 341$	$957 := 6^3 + 16^2 + 22^2 + 51^0 = 63 + 162 + 222 + 510$
$957 := 4^4 + 24^1 + 26^2 + 41^0 = 44 + 241 + 262 + 410$	$957 := 6^3 + 8^2 + 26^2 + 55^0 = 63 + 82 + 262 + 550$

$$\begin{aligned}
 957 &:= 6^3 + 9^3 + 11^1 + 69^0 &= 63 + 93 + 111 + 690 & 957 &:= 4^4 + 20^0 + 22^0 + 23^1 + 26^2 &= 44 + 200 + 220 + 231 + 262 \\
 957 &:= 7^3 + 17^2 + 18^2 + 53^0 &= 73 + 172 + 182 + 530 & 957 &:= 4^4 + 21^0 + 21^0 + 23^1 + 26^2 &= 44 + 210 + 210 + 231 + 262 \\
 957 &:= 8^2 + 13^2 + 26^2 + 48^1 &= 82 + 132 + 262 + 481 & 957 &:= 6^2 + 13^2 + 22^1 + 27^0 + 27^2 &= 62 + 132 + 221 + 270 + 272 \\
 957 &:= 1^2 + 20^2 + 23^2 + 25^0 + 26^1 &= 12 + 202 + 232 + 250 + 261 & 957 &:= 6^2 + 18^2 + 20^1 + 24^2 + 27^0 &= 62 + 182 + 201 + 242 + 270 \\
 957 &:= 1^3 + 15^2 + 25^0 + 27^0 + 27^2 &= 13 + 152 + 250 + 270 + 272 & 957 &:= 7^2 + 16^2 + 21^0 + 25^2 + 26^1 &= 72 + 162 + 210 + 252 + 261 \\
 957 &:= 1^3 + 15^2 + 26^0 + 26^0 + 27^2 &= 13 + 152 + 260 + 260 + 272 & 957 &:= 7^2 + 20^2 + 22^2 + 23^0 + 23^1 &= 72 + 202 + 222 + 230 + 231 \\
 957 &:= 10^2 + 10^2 + 21^0 + 27^1 + 27^2 &= 102 + 102 + 210 + 271 + 272 & 957 &:= 7^2 + 21^0 + 21^2 + 21^2 + 25^1 &= 72 + 210 + 212 + 212 + 251 \\
 957 &:= 10^2 + 16^2 + 21^0 + 24^1 + 24^2 &= 102 + 162 + 210 + 241 + 242 & 957 &:= 7^3 + 10^1 + 24^2 + 27^0 + 27^1 &= 73 + 101 + 242 + 270 + 271 \\
 957 &:= 11^2 + 17^0 + 18^2 + 22^2 + 27^1 &= 112 + 170 + 182 + 222 + 271 & 957 &:= 7^3 + 11^1 + 24^2 + 26^1 + 27^0 &= 73 + 111 + 242 + 261 + 270 \\
 957 &:= 11^2 + 17^1 + 17^2 + 23^2 + 27^0 &= 112 + 171 + 172 + 232 + 270 & 957 &:= 7^3 + 12^1 + 24^2 + 25^1 + 27^0 &= 73 + 121 + 242 + 251 + 270 \\
 957 &:= 12^2 + 13^2 + 18^1 + 25^2 + 27^0 &= 122 + 132 + 181 + 252 + 270 & 957 &:= 7^3 + 13^1 + 24^1 + 24^2 + 27^0 &= 73 + 131 + 241 + 242 + 270 \\
 957 &:= 12^2 + 16^2 + 17^0 + 23^2 + 27^1 &= 122 + 162 + 170 + 232 + 271 & 957 &:= 7^3 + 14^1 + 23^1 + 24^2 + 27^0 &= 73 + 141 + 231 + 242 + 270 \\
 957 &:= 13^2 + 17^0 + 19^2 + 20^2 + 26^1 &= 132 + 170 + 192 + 202 + 261 & 957 &:= 7^3 + 15^1 + 22^1 + 24^2 + 27^0 &= 73 + 151 + 221 + 242 + 270 \\
 957 &:= 13^2 + 18^2 + 21^0 + 21^2 + 22^1 &= 132 + 182 + 210 + 212 + 221 & 957 &:= 7^3 + 16^1 + 21^1 + 24^2 + 27^0 &= 73 + 161 + 211 + 242 + 270 \\
 957 &:= 14^2 + 16^2 + 20^1 + 22^2 + 23^0 &= 142 + 162 + 201 + 222 + 230 & 957 &:= 7^3 + 17^1 + 20^1 + 24^2 + 27^0 &= 73 + 171 + 201 + 242 + 270 \\
 957 &:= 15^1 + 16^2 + 18^2 + 19^2 + 27^0 &= 151 + 162 + 182 + 192 + 270 & 957 &:= 7^3 + 18^1 + 19^1 + 24^2 + 27^0 &= 73 + 181 + 191 + 242 + 270 \\
 957 &:= 15^2 + 15^2 + 21^0 + 22^1 + 22^2 &= 152 + 152 + 210 + 221 + 222 & 957 &:= 8^2 + 14^2 + 20^1 + 26^2 + 27^0 &= 82 + 142 + 201 + 262 + 270 \\
 957 &:= 17^1 + 17^2 + 17^2 + 19^2 + 25^0 &= 171 + 172 + 172 + 192 + 250 & 957 &:= 8^2 + 17^2 + 19^0 + 24^2 + 27^1 &= 82 + 172 + 190 + 242 + 271 \\
 957 &:= 17^2 + 18^2 + 18^2 + 19^1 + 23^0 &= 172 + 182 + 182 + 191 + 230 & 957 &:= 8^3 + 17^1 + 20^2 + 23^0 + 27^1 &= 83 + 171 + 202 + 230 + 271 \\
 957 &:= 2^2 + 14^2 + 25^0 + 27^1 + 27^2 &= 22 + 142 + 250 + 271 + 272 & 957 &:= 8^3 + 18^1 + 20^2 + 23^0 + 26^1 &= 83 + 181 + 202 + 230 + 261 \\
 957 &:= 2^2 + 20^2 + 23^1 + 23^2 + 27^0 &= 22 + 202 + 231 + 232 + 270 & 957 &:= 8^3 + 19^1 + 20^2 + 23^0 + 25^1 &= 83 + 191 + 202 + 230 + 251 \\
 957 &:= 2^2 + 21^2 + 22^2 + 23^0 + 27^1 &= 22 + 212 + 222 + 230 + 271 & 957 &:= 8^3 + 20^1 + 20^2 + 23^0 + 24^1 &= 83 + 201 + 202 + 230 + 241 \\
 957 &:= 3^2 + 21^2 + 22^1 + 22^2 + 27^0 &= 32 + 212 + 221 + 222 + 270 & 957 &:= 8^3 + 20^2 + 21^1 + 23^0 + 23^1 &= 83 + 202 + 211 + 230 + 231 \\
 957 &:= 4^2 + 17^2 + 23^0 + 25^2 + 26^1 &= 42 + 172 + 230 + 252 + 261 & 957 &:= 8^3 + 20^2 + 22^1 + 22^1 + 23^0 &= 83 + 202 + 221 + 221 + 230 \\
 957 &:= 4^4 + 15^0 + 23^1 + 26^2 + 27^0 &= 44 + 150 + 231 + 262 + 270 & 957 &:= 9^2 + 11^2 + 23^0 + 25^1 + 27^2 &= 92 + 112 + 230 + 251 + 272 \\
 957 &:= 4^4 + 16^0 + 23^1 + 26^0 + 26^2 &= 44 + 160 + 231 + 260 + 262 & 957 &:= 9^2 + 15^2 + 21^0 + 25^1 + 25^2 &= 92 + 152 + 210 + 251 + 252 \\
 957 &:= 4^4 + 17^0 + 23^1 + 25^0 + 26^2 &= 44 + 170 + 231 + 250 + 262 & 957 &:= 9^2 + 18^2 + 22^1 + 23^0 + 23^2 &= 92 + 182 + 221 + 230 + 232 \\
 957 &:= 4^4 + 18^0 + 23^1 + 24^0 + 26^2 &= 44 + 180 + 231 + 240 + 262 & & & \\
 957 &:= 4^4 + 19^0 + 23^0 + 23^1 + 26^2 &= 44 + 190 + 230 + 231 + 262 & & &
 \end{aligned}$$

2.2.859 Number 958

$$\begin{aligned}
 958 &:= 1^5 + 8^0 + 30^2 + 56^1 &= 15 + 80 + 302 + 561 & 958 &:= 1^3 + 20^2 + 23^2 + 24^0 + 27^1 &= 13 + 202 + 232 + 240 + 271 \\
 958 &:= 2^4 + 10^2 + 29^2 + 54^0 &= 24 + 102 + 292 + 540 & 958 &:= 2^3 + 21^2 + 22^2 + 24^1 + 26^0 &= 23 + 212 + 222 + 241 + 260 \\
 958 &:= 2^5 + 25^1 + 30^2 + 38^0 &= 25 + 251 + 302 + 380 & 958 &:= 5^3 + 18^2 + 22^2 + 24^1 + 26^0 &= 53 + 182 + 222 + 241 + 260 \\
 958 &:= 3^5 + 26^2 + 28^0 + 38^1 &= 35 + 262 + 280 + 381 & & & \\
 958 &:= 4^4 + 5^2 + 26^2 + 60^0 &= 44 + 52 + 262 + 600 & & &
 \end{aligned}$$

2.2.860 Number 959

$$\begin{aligned}
 959 &:= 1^6 + 7^0 + 30^2 + 57^1 &= 16 + 70 + 302 + 571 \\
 959 &:= 2^6 + 11^0 + 29^2 + 53^1 &= 26 + 110 + 292 + 531 \\
 959 &:= 3^4 + 6^2 + 28^2 + 58^1 &= 34 + 62 + 282 + 581 \\
 959 &:= 3^6 + 13^2 + 19^0 + 60^1 &= 36 + 132 + 190 + 601 \\
 959 &:= 3^6 + 14^2 + 33^1 + 45^0 &= 36 + 142 + 331 + 450 \\
 959 &:= 3^6 + 4^1 + 15^2 + 73^0 &= 36 + 41 + 152 + 730 \\
 959 &:= 4^2 + 4^4 + 25^2 + 62^1 &= 42 + 44 + 252 + 621 \\
 959 &:= 4^4 + 18^2 + 18^2 + 55^1 &= 44 + 182 + 182 + 551 \\
 959 &:= 4^4 + 5^4 + 9^0 + 77^1 &= 44 + 54 + 90 + 771 \\
 959 &:= 5^3 + 8^3 + 16^2 + 66^1 &= 53 + 83 + 162 + 661 \\
 959 &:= 1^4 + 16^2 + 25^1 + 26^2 + 27^0 &= 14 + 162 + 251 + 262 + 270 \\
 959 &:= 2^3 + 13^2 + 26^1 + 27^1 + 27^2 &= 23 + 132 + 261 + 271 + 272 \\
 959 &:= 2^3 + 18^2 + 24^1 + 24^2 + 27^1 &= 23 + 182 + 241 + 242 + 271 \\
 959 &:= 2^3 + 18^2 + 24^2 + 25^1 + 26^1 &= 23 + 182 + 242 + 251 + 261 \\
 959 &:= 2^5 + 14^2 + 25^0 + 27^0 + 27^2 &= 25 + 142 + 250 + 270 + 272 \\
 959 &:= 2^5 + 14^2 + 26^0 + 26^0 + 27^2 &= 25 + 142 + 260 + 260 + 272 \\
 959 &:= 2^5 + 21^2 + 22^2 + 23^0 + 27^0 &= 25 + 212 + 222 + 230 + 270 \\
 959 &:= 2^5 + 21^2 + 22^2 + 24^0 + 26^0 &= 25 + 212 + 222 + 240 + 260 \\
 959 &:= 2^5 + 21^2 + 22^2 + 25^0 + 25^0 &= 25 + 212 + 222 + 250 + 250 \\
 959 &:= 3^3 + 16^2 + 24^1 + 25^2 + 27^1 &= 33 + 162 + 241 + 252 + 271
 \end{aligned}$$

$$\begin{aligned}
 959 &:= 3^3 + 16^2 + 25^1 + 25^2 + 26^1 &= 33 + 162 + 251 + 252 + 261 \\
 959 &:= 3^3 + 21^2 + 21^2 + 23^1 + 27^1 &= 33 + 212 + 212 + 231 + 271 \\
 959 &:= 3^3 + 21^2 + 21^2 + 24^1 + 26^1 &= 33 + 212 + 212 + 241 + 261 \\
 959 &:= 3^3 + 21^2 + 21^2 + 25^1 + 25^1 &= 33 + 212 + 212 + 251 + 251 \\
 959 &:= 3^4 + 11^2 + 27^0 + 27^1 + 27^2 &= 34 + 112 + 270 + 271 + 272 \\
 959 &:= 3^4 + 15^2 + 25^0 + 25^2 + 27^1 &= 34 + 152 + 250 + 252 + 271 \\
 959 &:= 3^4 + 18^2 + 23^2 + 24^1 + 27^0 &= 34 + 182 + 232 + 241 + 270 \\
 959 &:= 3^5 + 12^1 + 26^2 + 27^0 + 27^1 &= 35 + 121 + 262 + 270 + 271 \\
 959 &:= 3^5 + 13^1 + 26^1 + 26^2 + 27^0 &= 35 + 131 + 261 + 262 + 270 \\
 959 &:= 3^5 + 14^1 + 25^1 + 26^2 + 27^0 &= 35 + 141 + 251 + 262 + 270 \\
 959 &:= 3^5 + 15^1 + 24^1 + 26^2 + 27^0 &= 35 + 151 + 241 + 262 + 270 \\
 959 &:= 3^5 + 16^1 + 23^1 + 26^2 + 27^0 &= 35 + 161 + 231 + 262 + 270 \\
 959 &:= 3^5 + 17^1 + 22^1 + 26^2 + 27^0 &= 35 + 171 + 221 + 262 + 270 \\
 959 &:= 3^5 + 18^1 + 21^1 + 26^2 + 27^0 &= 35 + 181 + 211 + 262 + 270 \\
 959 &:= 3^5 + 19^1 + 20^1 + 26^2 + 27^0 &= 35 + 191 + 201 + 262 + 270 \\
 959 &:= 4^3 + 19^2 + 22^2 + 23^1 + 27^1 &= 43 + 192 + 222 + 231 + 271 \\
 959 &:= 4^3 + 19^2 + 22^2 + 24^1 + 26^1 &= 43 + 192 + 222 + 241 + 261 \\
 959 &:= 4^3 + 19^2 + 22^2 + 25^1 + 25^1 &= 43 + 192 + 222 + 251 + 251
 \end{aligned}$$

2.2.861 Number 960

$$\begin{aligned}
 960 &:= 1^7 + 6^0 + 30^2 + 58^1 &= 17 + 60 + 302 + 581 \\
 960 &:= 2^5 + 3^3 + 30^2 + 60^0 &= 25 + 33 + 302 + 600 \\
 960 &:= 2^7 + 18^0 + 28^2 + 47^1 &= 27 + 180 + 282 + 471 \\
 960 &:= 3^6 + 6^3 + 14^1 + 72^0 &= 36 + 63 + 141 + 720
 \end{aligned}$$

$$\begin{aligned}
 960 &:= 1^5 + 16^2 + 26^0 + 26^1 + 26^2 &= 15 + 162 + 260 + 261 + 262 \\
 960 &:= 2^5 + 15^2 + 26^0 + 26^1 + 26^2 &= 25 + 152 + 260 + 261 + 262 \\
 960 &:= 2^5 + 18^2 + 24^0 + 24^2 + 27^1 &= 25 + 182 + 240 + 242 + 271
 \end{aligned}$$

2.2.862 Number 961

$$\begin{aligned}
 961 &:= 1^6 + 11^2 + 28^2 + 55^1 &= 16 + 112 + 282 + 551 \\
 961 &:= 1^8 + 5^0 + 30^2 + 59^1 &= 18 + 50 + 302 + 591 \\
 961 &:= 2^4 + 4^4 + 25^2 + 64^1 &= 24 + 44 + 252 + 641 \\
 961 &:= 2^5 + 3^3 + 29^2 + 61^1 &= 25 + 33 + 292 + 611 \\
 961 &:= 2^6 + 19^2 + 22^2 + 52^1 &= 26 + 192 + 222 + 521 \\
 961 &:= 2^7 + 16^2 + 24^2 + 53^0 &= 27 + 162 + 242 + 530 \\
 961 &:= 2^8 + 26^2 + 28^1 + 39^0 &= 28 + 262 + 281 + 390 \\
 961 &:= 3^5 + 5^3 + 23^2 + 64^1 &= 35 + 53 + 232 + 641 \\
 961 &:= 3^6 + 6^2 + 11^2 + 75^1 &= 36 + 62 + 112 + 751 \\
 961 &:= 1^6 + 16^2 + 25^0 + 26^2 + 27^1 &= 16 + 162 + 250 + 262 + 271
 \end{aligned}$$

$$\begin{aligned}
 961 &:= 2^8 + 13^0 + 26^2 + 27^0 + 27^1 &= 28 + 130 + 262 + 270 + 271 \\
 961 &:= 2^8 + 14^0 + 26^0 + 26^2 + 27^1 &= 28 + 140 + 260 + 262 + 271 \\
 961 &:= 2^8 + 15^0 + 25^0 + 26^2 + 27^1 &= 28 + 150 + 250 + 262 + 271 \\
 961 &:= 2^8 + 16^0 + 24^0 + 26^2 + 27^1 &= 28 + 160 + 240 + 262 + 271 \\
 961 &:= 2^8 + 17^0 + 23^0 + 26^2 + 27^1 &= 28 + 170 + 230 + 262 + 271 \\
 961 &:= 2^8 + 18^0 + 22^0 + 26^2 + 27^1 &= 28 + 180 + 220 + 262 + 271 \\
 961 &:= 2^8 + 19^0 + 21^0 + 26^2 + 27^1 &= 28 + 190 + 210 + 262 + 271 \\
 961 &:= 2^8 + 20^0 + 20^0 + 26^2 + 27^1 &= 28 + 200 + 200 + 262 + 271
 \end{aligned}$$

$964 := 11^2 + 13^0 + 29^2 + 43^0$	$= 112 + 130 + 292 + 430$	$964 := 3^0 + 19^1 + 30^2 + 44^1$	$= 30 + 191 + 302 + 441$
$964 := 11^2 + 14^0 + 29^2 + 42^0$	$= 112 + 140 + 292 + 420$	$964 := 3^0 + 20^1 + 30^2 + 43^1$	$= 30 + 201 + 302 + 431$
$964 := 11^2 + 15^0 + 29^2 + 41^0$	$= 112 + 150 + 292 + 410$	$964 := 3^0 + 21^1 + 30^2 + 42^1$	$= 30 + 211 + 302 + 421$
$964 := 11^2 + 16^0 + 29^2 + 40^0$	$= 112 + 160 + 292 + 400$	$964 := 3^0 + 22^1 + 30^2 + 41^1$	$= 30 + 221 + 302 + 411$
$964 := 11^2 + 17^0 + 29^2 + 39^0$	$= 112 + 170 + 292 + 390$	$964 := 3^0 + 23^1 + 30^2 + 40^1$	$= 30 + 231 + 302 + 401$
$964 := 11^2 + 18^0 + 29^2 + 38^0$	$= 112 + 180 + 292 + 380$	$964 := 3^0 + 24^1 + 30^2 + 39^1$	$= 30 + 241 + 302 + 391$
$964 := 11^2 + 19^0 + 29^2 + 37^0$	$= 112 + 190 + 292 + 370$	$964 := 3^0 + 25^1 + 30^2 + 38^1$	$= 30 + 251 + 302 + 381$
$964 := 11^2 + 20^0 + 29^2 + 36^0$	$= 112 + 200 + 292 + 360$	$964 := 3^0 + 26^1 + 30^2 + 37^1$	$= 30 + 261 + 302 + 371$
$964 := 11^2 + 21^0 + 29^2 + 35^0$	$= 112 + 210 + 292 + 350$	$964 := 3^0 + 27^1 + 30^2 + 36^1$	$= 30 + 271 + 302 + 361$
$964 := 11^2 + 22^0 + 29^2 + 34^0$	$= 112 + 220 + 292 + 340$	$964 := 3^0 + 28^1 + 30^2 + 35^1$	$= 30 + 281 + 302 + 351$
$964 := 11^2 + 23^0 + 29^2 + 33^0$	$= 112 + 230 + 292 + 330$	$964 := 3^0 + 29^1 + 30^2 + 34^1$	$= 30 + 291 + 302 + 341$
$964 := 11^2 + 24^0 + 29^2 + 32^0$	$= 112 + 240 + 292 + 320$	$964 := 3^0 + 3^1 + 30^2 + 60^1$	$= 30 + 31 + 302 + 601$
$964 := 11^2 + 25^0 + 29^2 + 31^0$	$= 112 + 250 + 292 + 310$	$964 := 3^0 + 30^1 + 30^2 + 33^1$	$= 30 + 301 + 302 + 331$
$964 := 11^2 + 26^0 + 29^2 + 30^0$	$= 112 + 260 + 292 + 300$	$964 := 3^0 + 30^2 + 31^1 + 32^1$	$= 30 + 302 + 311 + 321$
$964 := 11^2 + 27^0 + 29^0 + 29^2$	$= 112 + 270 + 290 + 292$	$964 := 3^0 + 4^1 + 30^2 + 59^1$	$= 30 + 41 + 302 + 591$
$964 := 11^2 + 28^0 + 28^0 + 29^2$	$= 112 + 280 + 280 + 292$	$964 := 3^0 + 5^1 + 30^2 + 58^1$	$= 30 + 51 + 302 + 581$
$964 := 2^0 + 11^2 + 29^2 + 54^0$	$= 20 + 112 + 292 + 540$	$964 := 3^0 + 6^1 + 30^2 + 57^1$	$= 30 + 61 + 302 + 571$
$964 := 2^1 + 3^0 + 30^2 + 61^1$	$= 21 + 30 + 302 + 611$	$964 := 3^0 + 7^1 + 30^2 + 56^1$	$= 30 + 71 + 302 + 561$
$964 := 3^0 + 10^1 + 30^2 + 53^1$	$= 30 + 101 + 302 + 531$	$964 := 3^0 + 8^1 + 30^2 + 55^1$	$= 30 + 81 + 302 + 551$
$964 := 3^0 + 11^1 + 30^2 + 52^1$	$= 30 + 111 + 302 + 521$	$964 := 3^0 + 9^1 + 30^2 + 54^1$	$= 30 + 91 + 302 + 541$
$964 := 3^0 + 11^2 + 29^2 + 53^0$	$= 30 + 112 + 292 + 530$	$964 := 4^0 + 11^2 + 29^2 + 52^0$	$= 40 + 112 + 292 + 520$
$964 := 3^0 + 12^1 + 30^2 + 51^1$	$= 30 + 121 + 302 + 511$	$964 := 5^0 + 11^2 + 29^2 + 51^0$	$= 50 + 112 + 292 + 510$
$964 := 3^0 + 13^1 + 30^2 + 50^1$	$= 30 + 131 + 302 + 501$	$964 := 6^0 + 11^2 + 29^2 + 50^0$	$= 60 + 112 + 292 + 500$
$964 := 3^0 + 14^1 + 30^2 + 49^1$	$= 30 + 141 + 302 + 491$	$964 := 7^0 + 11^2 + 29^2 + 49^0$	$= 70 + 112 + 292 + 490$
$964 := 3^0 + 15^1 + 30^2 + 48^1$	$= 30 + 151 + 302 + 481$	$964 := 8^0 + 11^2 + 29^2 + 48^0$	$= 80 + 112 + 292 + 480$
$964 := 3^0 + 16^1 + 30^2 + 47^1$	$= 30 + 161 + 302 + 471$	$964 := 9^0 + 11^2 + 29^2 + 47^0$	$= 90 + 112 + 292 + 470$
$964 := 3^0 + 17^1 + 30^2 + 46^1$	$= 30 + 171 + 302 + 461$	$964 := 1^9 + 19^2 + 24^2 + 25^1 + 26^0$	$= 19 + 192 + 242 + 251 + 260$
$964 := 3^0 + 18^1 + 30^2 + 45^1$	$= 30 + 181 + 302 + 451$		

2.2.866 Number 965

$965 := 4^3 + 30^2 + 62^0$	$= 43 + 302 + 620$	$965 := 10^1 + 15^2 + 27^2 + 44^0$	$= 101 + 152 + 272 + 440$
$965 := 1^2 + 2^0 + 30^2 + 63^1$	$= 12 + 20 + 302 + 631$	$965 := 10^2 + 23^1 + 29^2 + 34^0$	$= 102 + 231 + 292 + 340$
$965 := 1^2 + 2^1 + 31^2 + 62^0$	$= 12 + 21 + 312 + 620$	$965 := 11^1 + 13^2 + 28^2 + 44^0$	$= 111 + 132 + 282 + 440$
$965 := 1^3 + 1^9 + 30^2 + 63^1$	$= 13 + 19 + 302 + 631$	$965 := 12^2 + 20^0 + 28^2 + 36^1$	$= 122 + 200 + 282 + 361$
$965 := 1^4 + 1^8 + 30^2 + 63^1$	$= 14 + 18 + 302 + 631$	$965 := 14^0 + 21^2 + 22^2 + 39^1$	$= 140 + 212 + 222 + 391$
$965 := 1^5 + 1^7 + 30^2 + 63^1$	$= 15 + 17 + 302 + 631$	$965 := 14^2 + 16^0 + 27^2 + 39^1$	$= 142 + 160 + 272 + 391$
$965 := 1^6 + 1^6 + 30^2 + 63^1$	$= 16 + 16 + 302 + 631$	$965 := 15^1 + 18^2 + 25^2 + 38^0$	$= 151 + 182 + 252 + 380$

$965 := 16^2 + 22^0 + 26^2 + 32^1$	$= 162 + 220 + 262 + 321$	$965 := 13^0 + 14^1 + 18^2 + 25^2 + 26^0 = 130 + 141 + 182 + 252 + 260$
$965 := 18^0 + 20^2 + 23^2 + 35^1$	$= 180 + 202 + 232 + 351$	$965 := 14^0 + 14^1 + 18^2 + 25^0 + 25^2 = 140 + 141 + 182 + 250 + 252$
$965 := 19^2 + 24^2 + 26^0 + 27^1$	$= 192 + 242 + 260 + 271$	$965 := 14^1 + 15^0 + 18^2 + 24^0 + 25^2 = 141 + 150 + 182 + 240 + 252$
$965 := 2^1 + 11^2 + 29^2 + 54^0$	$= 21 + 112 + 292 + 540$	$965 := 14^1 + 16^0 + 18^2 + 23^0 + 25^2 = 141 + 160 + 182 + 230 + 252$
$965 := 2^2 + 4^0 + 30^2 + 60^1$	$= 22 + 40 + 302 + 601$	$965 := 14^1 + 17^0 + 18^2 + 22^0 + 25^2 = 141 + 170 + 182 + 220 + 252$
$965 := 2^5 + 2^8 + 26^2 + 65^0$	$= 25 + 28 + 262 + 650$	$965 := 14^1 + 18^0 + 18^2 + 21^0 + 25^2 = 141 + 180 + 182 + 210 + 252$
$965 := 2^9 + 4^4 + 14^2 + 75^0$	$= 29 + 44 + 142 + 750$	$965 := 14^1 + 18^2 + 19^0 + 20^0 + 25^2 = 141 + 182 + 190 + 200 + 252$
$965 := 2^9 + 5^3 + 16^2 + 72^1$	$= 29 + 53 + 162 + 721$	$965 := 2^0 + 19^2 + 24^2 + 25^0 + 26^1 = 20 + 192 + 242 + 250 + 261$
$965 := 3^2 + 8^0 + 30^2 + 55^1$	$= 32 + 80 + 302 + 551$	$965 := 3^0 + 19^2 + 24^0 + 24^2 + 26^1 = 30 + 192 + 240 + 242 + 261$
$965 := 4^0 + 17^2 + 25^2 + 50^1$	$= 40 + 172 + 252 + 501$	$965 := 4^0 + 19^2 + 23^0 + 24^2 + 26^1 = 40 + 192 + 230 + 242 + 261$
$965 := 4^2 + 14^0 + 30^2 + 48^1$	$= 42 + 140 + 302 + 481$	$965 := 5^0 + 19^2 + 22^0 + 24^2 + 26^1 = 50 + 192 + 220 + 242 + 261$
$965 := 4^3 + 30^2 + 62^0$	$= 43 + 302 + 620$	$965 := 6^0 + 19^2 + 21^0 + 24^2 + 26^1 = 60 + 192 + 210 + 242 + 261$
$965 := 5^2 + 22^0 + 30^2 + 39^1$	$= 52 + 220 + 302 + 391$	$965 := 7^0 + 19^2 + 20^0 + 24^2 + 26^1 = 70 + 192 + 200 + 242 + 261$
$965 := 6^2 + 28^1 + 30^2 + 32^0$	$= 62 + 281 + 302 + 320$	$965 := 8^0 + 19^0 + 19^2 + 24^2 + 26^1 = 80 + 190 + 192 + 242 + 261$
$965 := 7^2 + 15^1 + 30^2 + 44^0$	$= 72 + 151 + 302 + 440$	$965 := 9^0 + 18^0 + 19^2 + 24^2 + 26^1 = 90 + 180 + 192 + 242 + 261$
$965 := 9^2 + 16^0 + 29^2 + 42^1$	$= 92 + 160 + 292 + 421$	$965 := 9^1 + 15^2 + 18^0 + 27^0 + 27^2 = 91 + 152 + 180 + 270 + 272$
$965 := 1^0 + 19^2 + 24^2 + 26^0 + 26^1 = 10 + 192 + 242 + 260 + 261$		$965 := 9^1 + 15^2 + 19^0 + 26^0 + 27^2 = 91 + 152 + 190 + 260 + 272$
$965 := 10^0 + 17^0 + 19^2 + 24^2 + 26^1 = 100 + 170 + 192 + 242 + 261$		$965 := 9^1 + 15^2 + 20^0 + 25^0 + 27^2 = 91 + 152 + 200 + 250 + 272$
$965 := 11^0 + 16^0 + 19^2 + 24^2 + 26^1 = 110 + 160 + 192 + 242 + 261$		$965 := 9^1 + 15^2 + 21^0 + 24^0 + 27^2 = 91 + 152 + 210 + 240 + 272$
$965 := 12^0 + 14^1 + 18^2 + 25^2 + 27^0 = 120 + 141 + 182 + 252 + 270$		$965 := 9^1 + 15^2 + 22^0 + 23^0 + 27^2 = 91 + 152 + 220 + 230 + 272$
$965 := 12^0 + 15^0 + 19^2 + 24^2 + 26^1 = 120 + 150 + 192 + 242 + 261$		
$965 := 13^0 + 14^0 + 19^2 + 24^2 + 26^1 = 130 + 140 + 192 + 242 + 261$		

2.2.867 Number 966

$966 := 1^3 + 30^2 + 65^1$	$= 13 + 302 + 651$	$966 := 1^2 + 2^1 + 30^2 + 63^1$	$= 12 + 21 + 302 + 631$
$966 := 1^0 + 1^3 + 30^2 + 64^1$	$= 10 + 13 + 302 + 641$	$966 := 1^2 + 20^1 + 30^2 + 45^1$	$= 12 + 201 + 302 + 451$
$966 := 1^1 + 1^2 + 30^2 + 64^1$	$= 11 + 12 + 302 + 641$	$966 := 1^2 + 21^1 + 30^2 + 44^1$	$= 12 + 211 + 302 + 441$
$966 := 1^1 + 4^3 + 30^2 + 61^0$	$= 11 + 43 + 302 + 610$	$966 := 1^2 + 22^1 + 30^2 + 43^1$	$= 12 + 221 + 302 + 431$
$966 := 1^2 + 10^1 + 30^2 + 55^1$	$= 12 + 101 + 302 + 551$	$966 := 1^2 + 23^1 + 30^2 + 42^1$	$= 12 + 231 + 302 + 421$
$966 := 1^2 + 11^1 + 30^2 + 54^1$	$= 12 + 111 + 302 + 541$	$966 := 1^2 + 24^1 + 30^2 + 41^1$	$= 12 + 241 + 302 + 411$
$966 := 1^2 + 12^1 + 30^2 + 53^1$	$= 12 + 121 + 302 + 531$	$966 := 1^2 + 25^1 + 30^2 + 40^1$	$= 12 + 251 + 302 + 401$
$966 := 1^2 + 13^1 + 30^2 + 52^1$	$= 12 + 131 + 302 + 521$	$966 := 1^2 + 26^1 + 30^2 + 39^1$	$= 12 + 261 + 302 + 391$
$966 := 1^2 + 14^1 + 30^2 + 51^1$	$= 12 + 141 + 302 + 511$	$966 := 1^2 + 27^1 + 30^2 + 38^1$	$= 12 + 271 + 302 + 381$
$966 := 1^2 + 15^1 + 30^2 + 50^1$	$= 12 + 151 + 302 + 501$	$966 := 1^2 + 28^1 + 30^2 + 37^1$	$= 12 + 281 + 302 + 371$
$966 := 1^2 + 16^1 + 30^2 + 49^1$	$= 12 + 161 + 302 + 491$	$966 := 1^2 + 29^1 + 30^2 + 36^1$	$= 12 + 291 + 302 + 361$
$966 := 1^2 + 17^1 + 30^2 + 48^1$	$= 12 + 171 + 302 + 481$	$966 := 1^2 + 3^1 + 30^2 + 62^1$	$= 12 + 31 + 302 + 621$
$966 := 1^2 + 18^1 + 30^2 + 47^1$	$= 12 + 181 + 302 + 471$	$966 := 1^2 + 30^1 + 30^2 + 35^1$	$= 12 + 301 + 302 + 351$
$966 := 1^2 + 19^1 + 30^2 + 46^1$	$= 12 + 191 + 302 + 461$	$966 := 1^2 + 30^2 + 31^1 + 34^1$	$= 12 + 302 + 311 + 341$

$966 := 1^2 + 30^2 + 32^1 + 33^1$	$= 12 + 302 + 321 + 331$	$966 := 12^1 + 16^1 + 19^2 + 24^2 + 25^0 = 121 + 161 + 192 + 242 + 250$
$966 := 1^2 + 4^1 + 30^2 + 61^1$	$= 12 + 41 + 302 + 611$	$966 := 12^1 + 16^2 + 21^0 + 21^1 + 26^2 = 121 + 162 + 210 + 211 + 262$
$966 := 1^2 + 5^1 + 30^2 + 60^1$	$= 12 + 51 + 302 + 601$	$966 := 12^1 + 17^0 + 20^2 + 23^2 + 24^1 = 121 + 170 + 202 + 232 + 241$
$966 := 1^2 + 6^1 + 30^2 + 59^1$	$= 12 + 61 + 302 + 591$	$966 := 12^2 + 12^2 + 19^0 + 26^2 + 27^0 = 122 + 122 + 190 + 262 + 270$
$966 := 1^2 + 7^1 + 30^2 + 58^1$	$= 12 + 71 + 302 + 581$	$966 := 12^2 + 12^2 + 20^0 + 26^0 + 26^2 = 122 + 122 + 200 + 260 + 262$
$966 := 1^2 + 8^1 + 30^2 + 57^1$	$= 12 + 81 + 302 + 571$	$966 := 12^2 + 12^2 + 21^0 + 25^0 + 26^2 = 122 + 122 + 210 + 250 + 262$
$966 := 1^2 + 8^2 + 30^2 + 57^0$	$= 12 + 82 + 302 + 570$	$966 := 12^2 + 12^2 + 22^0 + 24^0 + 26^2 = 122 + 122 + 220 + 240 + 262$
$966 := 1^2 + 9^1 + 30^2 + 56^1$	$= 12 + 91 + 302 + 561$	$966 := 12^2 + 12^2 + 23^0 + 23^0 + 26^2 = 122 + 122 + 230 + 230 + 262$
$966 := 1^3 + 3^1 + 31^2 + 61^0$	$= 13 + 31 + 312 + 610$	$966 := 13^0 + 13^1 + 21^2 + 22^2 + 27^1 = 130 + 131 + 212 + 222 + 271$
$966 := 1^3 + 30^2 + 65^1$	$= 13 + 302 + 651$	$966 := 13^0 + 14^1 + 21^2 + 22^2 + 26^1 = 130 + 141 + 212 + 222 + 261$
$966 := 1^8 + 2^6 + 30^2 + 62^0$	$= 18 + 26 + 302 + 620$	$966 := 13^0 + 15^1 + 21^2 + 22^2 + 25^1 = 130 + 151 + 212 + 222 + 251$
$966 := 10^2 + 17^2 + 24^2 + 45^0$	$= 102 + 172 + 242 + 450$	$966 := 13^0 + 16^1 + 21^2 + 22^2 + 24^1 = 130 + 161 + 212 + 222 + 241$
$966 := 12^2 + 14^2 + 25^2 + 45^0$	$= 122 + 142 + 252 + 450$	$966 := 13^0 + 17^1 + 21^2 + 22^2 + 23^1 = 130 + 171 + 212 + 222 + 231$
$966 := 15^2 + 16^2 + 22^2 + 43^0$	$= 152 + 162 + 222 + 430$	$966 := 13^0 + 18^1 + 21^2 + 22^1 + 22^2 = 130 + 181 + 212 + 221 + 222$
$966 := 2^3 + 7^0 + 30^2 + 57^1$	$= 23 + 70 + 302 + 571$	$966 := 13^0 + 19^1 + 21^1 + 21^2 + 22^2 = 130 + 191 + 211 + 212 + 222$
$966 := 3^0 + 4^3 + 29^2 + 60^1$	$= 30 + 43 + 292 + 601$	$966 := 13^0 + 20^1 + 20^1 + 21^2 + 22^2 = 130 + 201 + 201 + 212 + 222$
$966 := 3^3 + 25^0 + 30^2 + 38^1$	$= 33 + 250 + 302 + 381$	$966 := 13^1 + 14^2 + 15^0 + 27^1 + 27^2 = 131 + 142 + 150 + 271 + 272$
$966 := 4^2 + 18^2 + 25^2 + 49^0$	$= 42 + 182 + 252 + 490$	$966 := 13^1 + 15^1 + 19^2 + 24^2 + 25^0 = 131 + 151 + 192 + 242 + 250$
$966 := 4^2 + 7^2 + 30^2 + 55^0$	$= 42 + 72 + 302 + 550$	$966 := 13^1 + 16^2 + 20^1 + 21^0 + 26^2 = 131 + 162 + 201 + 210 + 262$
$966 := 5^3 + 7^0 + 28^2 + 56^1$	$= 53 + 70 + 282 + 561$	$966 := 13^1 + 17^0 + 20^2 + 23^1 + 23^2 = 131 + 170 + 202 + 231 + 232$
$966 := 6^2 + 20^2 + 23^2 + 47^0$	$= 62 + 202 + 232 + 470$	$966 := 14^1 + 14^1 + 19^2 + 24^2 + 25^0 = 141 + 141 + 192 + 242 + 250$
$966 := 6^3 + 20^1 + 27^2 + 43^0$	$= 63 + 201 + 272 + 430$	$966 := 14^1 + 14^2 + 15^0 + 26^1 + 27^2 = 141 + 142 + 150 + 261 + 272$
$966 := 7^0 + 9^3 + 13^2 + 67^1$	$= 70 + 93 + 132 + 671$	$966 := 14^1 + 16^2 + 19^1 + 21^0 + 26^2 = 141 + 162 + 191 + 210 + 262$
$966 := 7^3 + 19^0 + 24^2 + 46^1$	$= 73 + 190 + 242 + 461$	$966 := 14^1 + 17^0 + 20^2 + 22^1 + 23^2 = 141 + 170 + 202 + 221 + 232$
$966 := 8^2 + 15^2 + 26^2 + 47^0$	$= 82 + 152 + 262 + 470$	$966 := 14^2 + 15^0 + 15^1 + 25^1 + 27^2 = 142 + 150 + 151 + 251 + 272$
$966 := 8^3 + 12^1 + 21^2 + 55^0$	$= 83 + 121 + 212 + 550$	$966 := 14^2 + 15^0 + 16^1 + 24^1 + 27^2 = 142 + 150 + 161 + 241 + 272$
$966 := 8^3 + 15^0 + 20^2 + 53^1$	$= 83 + 150 + 202 + 531$	$966 := 14^2 + 15^0 + 17^1 + 23^1 + 27^2 = 142 + 150 + 171 + 231 + 272$
$966 := 9^2 + 10^2 + 28^2 + 49^0$	$= 92 + 102 + 282 + 490$	$966 := 14^2 + 15^0 + 18^1 + 22^1 + 27^2 = 142 + 150 + 181 + 221 + 272$
$966 := 9^2 + 20^2 + 22^2 + 45^0$	$= 92 + 202 + 222 + 450$	$966 := 14^2 + 15^0 + 19^1 + 21^1 + 27^2 = 142 + 150 + 191 + 211 + 272$
$966 := 9^3 + 11^1 + 15^2 + 61^0$	$= 93 + 111 + 152 + 610$	$966 := 14^2 + 15^0 + 20^1 + 20^1 + 27^2 = 142 + 150 + 201 + 201 + 272$
$966 := 9^3 + 14^2 + 33^0 + 40^1$	$= 93 + 142 + 330 + 401$	$966 := 15^1 + 16^2 + 18^1 + 21^0 + 26^2 = 151 + 162 + 181 + 210 + 262$
$966 := 1^1 + 19^2 + 24^2 + 25^0 + 27^1$	$= 11 + 192 + 242 + 250 + 271$	$966 := 15^1 + 17^0 + 20^2 + 21^1 + 23^2 = 151 + 170 + 202 + 211 + 232$
$966 := 10^1 + 16^2 + 21^0 + 23^1 + 26^2$	$= 101 + 162 + 210 + 231 + 262$	$966 := 16^1 + 16^2 + 17^1 + 21^0 + 26^2 = 161 + 162 + 171 + 210 + 262$
$966 := 10^1 + 17^0 + 20^2 + 23^2 + 26^1$	$= 101 + 170 + 202 + 232 + 261$	$966 := 16^1 + 17^0 + 20^1 + 20^2 + 23^2 = 161 + 170 + 201 + 202 + 232$
$966 := 10^1 + 18^1 + 19^2 + 24^2 + 25^0$	$= 101 + 181 + 192 + 242 + 250$	$966 := 17^0 + 17^1 + 19^1 + 20^2 + 23^2 = 170 + 171 + 191 + 202 + 232$
$966 := 11^1 + 16^2 + 21^0 + 22^1 + 26^2$	$= 111 + 162 + 210 + 221 + 262$	$966 := 17^0 + 18^1 + 18^1 + 20^2 + 23^2 = 170 + 181 + 181 + 202 + 232$
$966 := 11^1 + 17^0 + 20^2 + 23^2 + 25^1$	$= 111 + 170 + 202 + 232 + 251$	$966 := 2^1 + 19^2 + 24^2 + 25^0 + 26^1 = 21 + 192 + 242 + 250 + 261$
$966 := 11^1 + 17^1 + 19^2 + 24^2 + 25^0$	$= 111 + 171 + 192 + 242 + 250$	$966 := 3^0 + 17^2 + 24^1 + 25^2 + 27^1 = 30 + 172 + 241 + 252 + 271$

$$\begin{aligned}
 966 &:= 3^0 + 17^2 + 25^1 + 25^2 + 26^1 = 30 + 172 + 251 + 252 + 261 \\
 966 &:= 3^1 + 19^2 + 24^2 + 25^0 + 25^1 = 31 + 192 + 242 + 250 + 251 \\
 966 &:= 4^1 + 19^2 + 24^1 + 24^2 + 25^0 = 41 + 192 + 241 + 242 + 250 \\
 966 &:= 5^1 + 19^2 + 23^1 + 24^2 + 25^0 = 51 + 192 + 231 + 242 + 250 \\
 966 &:= 6^1 + 16^2 + 21^0 + 26^2 + 27^1 = 61 + 162 + 210 + 262 + 271 \\
 966 &:= 6^1 + 19^2 + 22^1 + 24^2 + 25^0 = 61 + 192 + 221 + 242 + 250 \\
 966 &:= 6^3 + 17^0 + 19^1 + 27^0 + 27^2 = 63 + 170 + 191 + 270 + 272 \\
 966 &:= 6^3 + 18^0 + 19^1 + 26^0 + 27^2 = 63 + 180 + 191 + 260 + 272 \\
 966 &:= 6^3 + 19^0 + 19^1 + 25^0 + 27^2 = 63 + 190 + 191 + 250 + 272 \\
 966 &:= 6^3 + 19^1 + 20^0 + 24^0 + 27^2 = 63 + 191 + 200 + 240 + 272 \\
 966 &:= 6^3 + 19^1 + 21^0 + 23^0 + 27^2 = 63 + 191 + 210 + 230 + 272 \\
 966 &:= 6^3 + 19^1 + 22^0 + 22^0 + 27^2 = 63 + 191 + 220 + 220 + 272 \\
 966 &:= 7^1 + 16^2 + 21^0 + 26^1 + 26^2 = 71 + 162 + 210 + 261 + 262
 \end{aligned}$$

$$\begin{aligned}
 966 &:= 7^1 + 19^2 + 21^1 + 24^2 + 25^0 = 71 + 192 + 211 + 242 + 250 \\
 966 &:= 8^1 + 16^2 + 21^0 + 25^1 + 26^2 = 81 + 162 + 210 + 251 + 262 \\
 966 &:= 8^1 + 19^2 + 20^1 + 24^2 + 25^0 = 81 + 192 + 201 + 242 + 250 \\
 966 &:= 8^2 + 18^2 + 19^0 + 24^2 + 27^0 = 82 + 182 + 190 + 242 + 270 \\
 966 &:= 8^2 + 18^2 + 20^0 + 24^2 + 26^0 = 82 + 182 + 200 + 242 + 260 \\
 966 &:= 8^2 + 18^2 + 21^0 + 24^2 + 25^0 = 82 + 182 + 210 + 242 + 250 \\
 966 &:= 8^2 + 18^2 + 22^0 + 24^0 + 24^2 = 82 + 182 + 220 + 240 + 242 \\
 966 &:= 8^2 + 18^2 + 23^0 + 23^0 + 24^2 = 82 + 182 + 230 + 230 + 242 \\
 966 &:= 9^1 + 16^2 + 21^0 + 24^1 + 26^2 = 91 + 162 + 210 + 241 + 262 \\
 966 &:= 9^1 + 17^0 + 20^2 + 23^2 + 27^1 = 91 + 170 + 202 + 232 + 271 \\
 966 &:= 9^1 + 19^1 + 19^2 + 24^2 + 25^0 = 91 + 191 + 192 + 242 + 250
 \end{aligned}$$

2.2.868 Number 967

$$\begin{aligned}
 967 &:= 1^3 + 17^2 + 26^2 + 52^0 = 13 + 172 + 262 + 520 \\
 967 &:= 1^3 + 2^2 + 31^2 + 62^0 = 13 + 22 + 312 + 620 \\
 967 &:= 1^4 + 4^1 + 31^2 + 60^0 = 14 + 41 + 312 + 600 \\
 967 &:= 1^8 + 4^4 + 5^4 + 85^1 = 18 + 44 + 54 + 851 \\
 967 &:= 2^4 + 14^0 + 30^2 + 50^1 = 24 + 140 + 302 + 501 \\
 967 &:= 3^4 + 20^0 + 29^2 + 44^1 = 34 + 200 + 292 + 441 \\
 967 &:= 4^4 + 26^2 + 32^0 + 34^1 = 44 + 262 + 320 + 341 \\
 967 &:= 5^3 + 20^2 + 21^2 + 50^0 = 53 + 202 + 212 + 500 \\
 967 &:= 5^4 + 17^1 + 18^2 + 56^0 = 54 + 171 + 182 + 560 \\
 967 &:= 5^4 + 17^2 + 22^0 + 52^1 = 54 + 172 + 220 + 521 \\
 967 &:= 6^3 + 9^3 + 21^1 + 60^0 = 63 + 93 + 211 + 600 \\
 967 &:= 10^2 + 13^2 + 21^1 + 26^0 + 26^2 = 102 + 132 + 211 + 260 + 262 \\
 967 &:= 10^2 + 19^2 + 21^1 + 22^2 + 24^0 = 102 + 192 + 211 + 222 + 240 \\
 967 &:= 10^2 + 20^0 + 20^2 + 21^2 + 25^1 = 102 + 200 + 202 + 212 + 251 \\
 967 &:= 11^2 + 12^2 + 22^0 + 25^1 + 26^2 = 112 + 122 + 220 + 251 + 262 \\
 967 &:= 11^2 + 14^2 + 22^0 + 24^1 + 25^2 = 112 + 142 + 220 + 241 + 252 \\
 967 &:= 11^2 + 17^2 + 18^0 + 23^2 + 27^1 = 112 + 172 + 180 + 232 + 271 \\
 967 &:= 12^2 + 15^2 + 21^1 + 24^0 + 24^2 = 122 + 152 + 211 + 240 + 242 \\
 967 &:= 12^2 + 19^2 + 20^1 + 21^2 + 24^0 = 122 + 192 + 201 + 212 + 240 \\
 967 &:= 12^2 + 20^2 + 20^2 + 22^0 + 22^1 = 122 + 202 + 202 + 220 + 221 \\
 967 &:= 13^2 + 14^2 + 20^0 + 24^2 + 25^1 = 132 + 142 + 200 + 242 + 251 \\
 967 &:= 13^2 + 17^2 + 20^0 + 22^2 + 24^1 = 132 + 172 + 200 + 222 + 241
 \end{aligned}$$

$$\begin{aligned}
 967 &:= 15^2 + 17^1 + 18^2 + 20^2 + 26^0 = 152 + 171 + 182 + 202 + 260 \\
 967 &:= 15^2 + 19^1 + 19^2 + 19^2 + 24^0 = 152 + 191 + 192 + 192 + 240 \\
 967 &:= 16^0 + 17^2 + 17^2 + 19^2 + 27^1 = 160 + 172 + 172 + 192 + 271 \\
 967 &:= 16^2 + 17^2 + 20^2 + 21^1 + 22^0 = 162 + 172 + 202 + 211 + 220 \\
 967 &:= 16^2 + 18^0 + 18^2 + 19^2 + 25^1 = 162 + 180 + 182 + 192 + 251 \\
 967 &:= 2^2 + 19^2 + 24^2 + 25^1 + 26^0 = 22 + 192 + 242 + 251 + 260 \\
 967 &:= 3^2 + 16^2 + 25^1 + 26^0 + 26^2 = 32 + 162 + 251 + 260 + 262 \\
 967 &:= 4^2 + 14^2 + 25^1 + 26^0 + 27^2 = 42 + 142 + 251 + 260 + 272 \\
 967 &:= 4^2 + 21^2 + 22^2 + 24^0 + 25^1 = 42 + 212 + 222 + 240 + 251 \\
 967 &:= 4^3 + 15^2 + 24^0 + 26^2 + 27^0 = 43 + 152 + 240 + 262 + 270 \\
 967 &:= 4^3 + 15^2 + 25^0 + 26^0 + 26^2 = 43 + 152 + 250 + 260 + 262 \\
 967 &:= 5^2 + 17^2 + 22^0 + 25^2 + 27^1 = 52 + 172 + 220 + 252 + 271 \\
 967 &:= 7^2 + 19^2 + 20^0 + 23^2 + 27^1 = 72 + 192 + 200 + 232 + 271 \\
 967 &:= 7^3 + 18^0 + 20^1 + 24^2 + 27^1 = 73 + 180 + 201 + 242 + 271 \\
 967 &:= 7^3 + 18^0 + 21^1 + 24^2 + 26^1 = 73 + 180 + 211 + 242 + 261 \\
 967 &:= 7^3 + 18^0 + 22^1 + 24^2 + 25^1 = 73 + 180 + 221 + 242 + 251 \\
 967 &:= 7^3 + 18^0 + 23^1 + 24^1 + 24^2 = 73 + 180 + 231 + 241 + 242 \\
 967 &:= 8^2 + 16^2 + 21^1 + 25^2 + 26^0 = 82 + 162 + 211 + 252 + 260 \\
 967 &:= 8^2 + 20^1 + 21^2 + 21^2 + 26^0 = 82 + 201 + 212 + 212 + 260 \\
 967 &:= 8^3 + 14^0 + 20^2 + 27^1 + 27^1 = 83 + 140 + 202 + 271 + 271 \\
 967 &:= 9^2 + 17^2 + 20^1 + 24^2 + 26^0 = 92 + 172 + 201 + 242 + 260
 \end{aligned}$$

2.2.869 Number 968

$968 := 1^2 + 4^3 + 29^2 + 62^1$	$= 12 + 43 + 292 + 621$	$968 := 11^2 + 15^2 + 21^1 + 24^2 + 25^1 = 112 + 152 + 211 + 242 + 251$
$968 := 1^3 + 17^2 + 25^2 + 53^1$	$= 13 + 172 + 252 + 531$	$968 := 11^2 + 15^2 + 22^1 + 24^1 + 24^2 = 112 + 152 + 221 + 241 + 242$
$968 := 1^3 + 2^2 + 30^2 + 63^1$	$= 13 + 22 + 302 + 631$	$968 := 11^2 + 15^2 + 23^1 + 23^1 + 24^2 = 112 + 152 + 231 + 231 + 242$
$968 := 1^3 + 5^3 + 29^2 + 61^0$	$= 13 + 53 + 292 + 610$	$968 := 11^2 + 18^1 + 19^2 + 21^2 + 27^1 = 112 + 181 + 192 + 212 + 271$
$968 := 1^5 + 5^1 + 31^2 + 59^0$	$= 15 + 51 + 312 + 590$	$968 := 11^2 + 19^1 + 19^2 + 21^2 + 26^1 = 112 + 191 + 192 + 212 + 261$
$968 := 2^3 + 11^2 + 28^2 + 55^1$	$= 23 + 112 + 282 + 551$	$968 := 11^2 + 19^2 + 20^1 + 21^2 + 25^1 = 112 + 192 + 201 + 212 + 251$
$968 := 2^5 + 29^0 + 30^2 + 35^1$	$= 25 + 290 + 302 + 351$	$968 := 11^2 + 19^2 + 21^1 + 21^2 + 24^1 = 112 + 192 + 211 + 212 + 241$
$968 := 3^3 + 19^2 + 23^2 + 51^1$	$= 33 + 192 + 232 + 511$	$968 := 11^2 + 19^2 + 21^2 + 22^1 + 23^1 = 112 + 192 + 212 + 221 + 231$
$968 := 3^5 + 19^0 + 26^2 + 48^1$	$= 35 + 190 + 262 + 481$	$968 := 13^2 + 15^2 + 18^1 + 23^2 + 27^1 = 132 + 152 + 181 + 232 + 271$
$968 := 4^2 + 6^3 + 26^2 + 60^1$	$= 42 + 63 + 262 + 601$	$968 := 13^2 + 15^2 + 19^1 + 23^2 + 26^1 = 132 + 152 + 191 + 232 + 261$
$968 := 4^3 + 11^2 + 27^2 + 54^1$	$= 43 + 112 + 272 + 541$	$968 := 13^2 + 15^2 + 20^1 + 23^2 + 25^1 = 132 + 152 + 201 + 232 + 251$
$968 := 4^3 + 18^2 + 23^2 + 51^1$	$= 43 + 182 + 232 + 511$	$968 := 13^2 + 15^2 + 21^1 + 23^2 + 24^1 = 132 + 152 + 211 + 232 + 241$
$968 := 4^3 + 8^2 + 28^2 + 56^1$	$= 43 + 82 + 282 + 561$	$968 := 13^2 + 15^2 + 22^1 + 23^1 + 23^2 = 132 + 152 + 221 + 231 + 232$
$968 := 5^2 + 9^3 + 12^2 + 70^1$	$= 52 + 93 + 122 + 701$	$968 := 2^3 + 16^2 + 25^0 + 26^2 + 27^1 = 23 + 162 + 250 + 262 + 271$
$968 := 6^2 + 7^3 + 23^2 + 60^1$	$= 62 + 73 + 232 + 601$	$968 := 3^3 + 17^2 + 25^0 + 25^2 + 26^1 = 33 + 172 + 250 + 252 + 261$
$968 := 6^3 + 11^2 + 24^2 + 55^1$	$= 63 + 112 + 242 + 551$	$968 := 4^2 + 15^2 + 24^1 + 26^2 + 27^1 = 42 + 152 + 241 + 262 + 271$
$968 := 6^3 + 13^2 + 23^2 + 54^1$	$= 63 + 132 + 232 + 541$	$968 := 4^2 + 15^2 + 25^1 + 26^1 + 26^2 = 42 + 152 + 251 + 261 + 262$
$968 := 7^2 + 9^3 + 11^2 + 69^1$	$= 72 + 93 + 112 + 691$	$968 := 5^3 + 17^2 + 23^2 + 24^1 + 27^0 = 53 + 172 + 232 + 241 + 270$
$968 := 7^3 + 13^2 + 20^2 + 56^1$	$= 73 + 132 + 202 + 561$	$968 := 5^4 + 17^2 + 21^0 + 26^1 + 27^1 = 54 + 172 + 210 + 261 + 271$
$968 := 1^2 + 17^2 + 25^2 + 26^1 + 27^1$	$= 12 + 172 + 252 + 261 + 271$	$968 := 6^2 + 20^2 + 21^1 + 22^2 + 27^1 = 62 + 202 + 211 + 222 + 271$
$968 := 1^4 + 17^2 + 25^0 + 26^2 + 27^0$	$= 14 + 172 + 250 + 262 + 270$	$968 := 6^2 + 20^2 + 22^1 + 22^2 + 26^1 = 62 + 202 + 221 + 222 + 261$
$968 := 1^4 + 17^2 + 26^0 + 26^0 + 26^2$	$= 14 + 172 + 260 + 260 + 262$	$968 := 6^2 + 20^2 + 22^2 + 23^1 + 25^1 = 62 + 202 + 222 + 231 + 251$
$968 := 10^2 + 12^2 + 21^1 + 26^2 + 27^1$	$= 102 + 122 + 211 + 262 + 271$	$968 := 6^2 + 20^2 + 22^2 + 24^1 + 24^1 = 62 + 202 + 222 + 241 + 241$
$968 := 10^2 + 12^2 + 22^1 + 26^1 + 26^2$	$= 102 + 122 + 221 + 261 + 262$	$968 := 6^3 + 14^2 + 23^2 + 26^1 + 27^0 = 63 + 142 + 232 + 261 + 270$
$968 := 10^2 + 12^2 + 23^1 + 25^1 + 26^2$	$= 102 + 122 + 231 + 251 + 262$	$968 := 6^3 + 18^2 + 20^2 + 25^0 + 27^1 = 63 + 182 + 202 + 250 + 271$
$968 := 10^2 + 12^2 + 24^1 + 24^1 + 26^2$	$= 102 + 122 + 241 + 241 + 262$	$968 := 9^2 + 19^1 + 20^2 + 21^2 + 27^1 = 92 + 191 + 202 + 212 + 271$
$968 := 10^2 + 14^2 + 20^1 + 25^2 + 27^1$	$= 102 + 142 + 201 + 252 + 271$	$968 := 9^2 + 20^1 + 20^2 + 21^2 + 26^1 = 92 + 201 + 202 + 212 + 261$
$968 := 10^2 + 14^2 + 21^1 + 25^2 + 26^1$	$= 102 + 142 + 211 + 252 + 261$	$968 := 9^2 + 20^2 + 21^1 + 21^2 + 25^1 = 92 + 202 + 211 + 212 + 251$
$968 := 10^2 + 14^2 + 22^1 + 25^1 + 25^2$	$= 102 + 142 + 221 + 251 + 252$	$968 := 9^2 + 20^2 + 21^2 + 22^1 + 24^1 = 92 + 202 + 212 + 221 + 241$
$968 := 10^2 + 14^2 + 23^1 + 24^1 + 25^2$	$= 102 + 142 + 231 + 241 + 252$	$968 := 9^2 + 20^2 + 21^2 + 23^1 + 23^1 = 92 + 202 + 212 + 231 + 231$
$968 := 11^2 + 15^2 + 19^1 + 24^2 + 27^1$	$= 112 + 152 + 191 + 242 + 271$	
$968 := 11^2 + 15^2 + 20^1 + 24^2 + 26^1$	$= 112 + 152 + 201 + 242 + 261$	

2.2.870 Number 969

$969 := 1^6 + 2^8 + 5^4 + 87^1$	$= 16 + 28 + 54 + 871$	$969 := 2^0 + 2^6 + 29^2 + 63^1$	$= 20 + 26 + 292 + 631$
$969 := 1^6 + 6^1 + 31^2 + 58^0$	$= 16 + 61 + 312 + 580$	$969 := 2^5 + 6^2 + 30^2 + 58^0$	$= 25 + 62 + 302 + 580$

$$\begin{aligned}
 969 &:= 2^6 + 4^1 + 30^2 + 60^0 &= 26 + 41 + 302 + 600 \\
 969 &:= 3^5 + 10^2 + 25^2 + 58^0 &= 35 + 102 + 252 + 580 \\
 969 &:= 3^5 + 14^2 + 23^2 + 56^0 &= 35 + 142 + 232 + 560 \\
 969 &:= 3^5 + 7^2 + 26^2 + 60^0 &= 35 + 72 + 262 + 600 \\
 969 &:= 3^6 + 10^0 + 13^2 + 70^1 &= 36 + 100 + 132 + 701 \\
 969 &:= 3^6 + 14^1 + 15^2 + 64^0 &= 36 + 141 + 152 + 640 \\
 969 &:= 3^6 + 14^2 + 36^0 + 43^1 &= 36 + 142 + 360 + 431
 \end{aligned}$$

$$\begin{aligned}
 969 &:= 2^4 + 14^2 + 26^0 + 27^1 + 27^2 = 24 + 142 + 260 + 271 + 272 \\
 969 &:= 2^4 + 21^2 + 22^2 + 24^0 + 27^1 = 24 + 212 + 222 + 240 + 271 \\
 969 &:= 3^5 + 18^0 + 22^1 + 26^2 + 27^1 = 35 + 180 + 221 + 262 + 271 \\
 969 &:= 3^5 + 18^0 + 23^1 + 26^1 + 26^2 = 35 + 180 + 231 + 261 + 262 \\
 969 &:= 3^5 + 18^0 + 24^1 + 25^1 + 26^2 = 35 + 180 + 241 + 251 + 262
 \end{aligned}$$

2.2.871 Number 970

$$\begin{aligned}
 970 &:= 1^1 + 2^6 + 29^2 + 64^1 &= 11 + 26 + 292 + 641 \\
 970 &:= 1^3 + 5^4 + 7^3 + 83^0 &= 13 + 54 + 73 + 830 \\
 970 &:= 1^5 + 7^3 + 25^2 + 63^0 &= 15 + 73 + 252 + 630 \\
 970 &:= 1^6 + 22^2 + 22^2 + 51^0 &= 16 + 222 + 222 + 510 \\
 970 &:= 1^7 + 7^1 + 31^2 + 57^0 &= 17 + 71 + 312 + 570 \\
 970 &:= 2^1 + 2^6 + 29^2 + 63^1 &= 21 + 26 + 292 + 631 \\
 970 &:= 2^4 + 6^3 + 26^2 + 62^1 &= 24 + 63 + 262 + 621 \\
 970 &:= 2^6 + 10^1 + 29^2 + 55^1 &= 26 + 101 + 292 + 551 \\
 970 &:= 2^6 + 11^1 + 29^2 + 54^1 &= 26 + 111 + 292 + 541 \\
 970 &:= 2^6 + 11^2 + 28^2 + 55^0 &= 26 + 112 + 282 + 550 \\
 970 &:= 2^6 + 12^1 + 29^2 + 53^1 &= 26 + 121 + 292 + 531 \\
 970 &:= 2^6 + 13^1 + 29^2 + 52^1 &= 26 + 131 + 292 + 521 \\
 970 &:= 2^6 + 14^1 + 29^2 + 51^1 &= 26 + 141 + 292 + 511 \\
 970 &:= 2^6 + 15^1 + 29^2 + 50^1 &= 26 + 151 + 292 + 501 \\
 970 &:= 2^6 + 16^1 + 29^2 + 49^1 &= 26 + 161 + 292 + 491 \\
 970 &:= 2^6 + 17^1 + 29^2 + 48^1 &= 26 + 171 + 292 + 481 \\
 970 &:= 2^6 + 18^1 + 29^2 + 47^1 &= 26 + 181 + 292 + 471 \\
 970 &:= 2^6 + 19^1 + 29^2 + 46^1 &= 26 + 191 + 292 + 461 \\
 970 &:= 2^6 + 20^1 + 29^2 + 45^1 &= 26 + 201 + 292 + 451 \\
 970 &:= 2^6 + 21^1 + 29^2 + 44^1 &= 26 + 211 + 292 + 441 \\
 970 &:= 2^6 + 22^1 + 29^2 + 43^1 &= 26 + 221 + 292 + 431 \\
 970 &:= 2^6 + 23^1 + 29^2 + 42^1 &= 26 + 231 + 292 + 421
 \end{aligned}$$

$$\begin{aligned}
 970 &:= 2^6 + 24^1 + 29^2 + 41^1 &= 26 + 241 + 292 + 411 \\
 970 &:= 2^6 + 25^1 + 29^2 + 40^1 &= 26 + 251 + 292 + 401 \\
 970 &:= 2^6 + 26^1 + 29^2 + 39^1 &= 26 + 261 + 292 + 391 \\
 970 &:= 2^6 + 27^1 + 29^2 + 38^1 &= 26 + 271 + 292 + 381 \\
 970 &:= 2^6 + 28^1 + 29^2 + 37^1 &= 26 + 281 + 292 + 371 \\
 970 &:= 2^6 + 29^1 + 29^2 + 36^1 &= 26 + 291 + 292 + 361 \\
 970 &:= 2^6 + 29^2 + 30^1 + 35^1 &= 26 + 292 + 301 + 351 \\
 970 &:= 2^6 + 29^2 + 31^1 + 34^1 &= 26 + 292 + 311 + 341 \\
 970 &:= 2^6 + 29^2 + 32^1 + 33^1 &= 26 + 292 + 321 + 331 \\
 970 &:= 2^6 + 3^1 + 29^2 + 62^1 &= 26 + 31 + 292 + 621 \\
 970 &:= 2^6 + 4^1 + 29^2 + 61^1 &= 26 + 41 + 292 + 611 \\
 970 &:= 2^6 + 5^1 + 29^2 + 60^1 &= 26 + 51 + 292 + 601 \\
 970 &:= 2^6 + 6^1 + 29^2 + 59^1 &= 26 + 61 + 292 + 591 \\
 970 &:= 2^6 + 7^1 + 29^2 + 58^1 &= 26 + 71 + 292 + 581 \\
 970 &:= 2^6 + 8^1 + 29^2 + 57^1 &= 26 + 81 + 292 + 571 \\
 970 &:= 2^6 + 8^2 + 29^2 + 57^0 &= 26 + 82 + 292 + 570 \\
 970 &:= 2^6 + 9^1 + 29^2 + 56^1 &= 26 + 91 + 292 + 561 \\
 970 &:= 2^7 + 9^0 + 28^2 + 57^1 &= 27 + 90 + 282 + 571 \\
 970 &:= 3^6 + 6^3 + 24^1 + 63^0 &= 36 + 63 + 241 + 630 \\
 970 &:= 2^4 + 15^2 + 26^1 + 26^2 + 27^1 = 24 + 152 + 261 + 262 + 271
 \end{aligned}$$

2.2.872 Number 971

$$\begin{aligned}
 971 &:= 1^2 + 2^7 + 29^2 + 64^0 &= 12 + 27 + 292 + 640 \\
 971 &:= 1^6 + 2^3 + 31^2 + 62^0 &= 16 + 23 + 312 + 620 \\
 971 &:= 1^8 + 8^1 + 31^2 + 56^0 &= 18 + 81 + 312 + 560 \\
 971 &:= 2^8 + 26^2 + 30^0 + 38^1 &= 28 + 262 + 300 + 381 \\
 971 &:= 3^6 + 5^2 + 6^3 + 82^0 &= 36 + 52 + 63 + 820
 \end{aligned}$$

$$\begin{aligned}
 971 &:= 1^7 + 22^2 + 22^2 + 24^0 + 27^0 = 17 + 222 + 222 + 240 + 270 \\
 971 &:= 1^7 + 22^2 + 22^2 + 25^0 + 26^0 = 17 + 222 + 222 + 250 + 260 \\
 971 &:= 2^7 + 20^2 + 21^2 + 26^0 + 27^0 = 27 + 202 + 212 + 260 + 270
 \end{aligned}$$

2.2.873 Number 972

$$\begin{aligned}972 &:= 1^6 + 2^3 + 30^2 + 63^1 = 16 + 23 + 302 + 631 \\972 &:= 1^6 + 5^3 + 28^2 + 62^1 = 16 + 53 + 282 + 621 \\972 &:= 1^6 + 9^3 + 13^2 + 73^1 = 16 + 93 + 132 + 731 \\972 &:= 1^7 + 3^2 + 30^2 + 62^1 = 17 + 32 + 302 + 621 \\972 &:= 1^8 + 21^2 + 23^2 + 51^0 = 18 + 212 + 232 + 510 \\972 &:= 1^8 + 3^2 + 31^2 + 61^0 = 18 + 32 + 312 + 610 \\972 &:= 1^9 + 9^1 + 31^2 + 55^0 = 19 + 91 + 312 + 550\end{aligned}$$

$$\begin{aligned}972 &:= 2^9 + 15^0 + 20^2 + 59^1 = 29 + 150 + 202 + 591 \\972 &:= 2^9 + 18^1 + 21^2 + 55^0 = 29 + 181 + 212 + 550 \\972 &:= 3^4 + 3^4 + 9^3 + 81^1 = 34 + 34 + 93 + 811 \\972 &:= 3^6 + 4^3 + 10^2 + 79^1 = 36 + 43 + 102 + 791 \\972 &:= 3^6 + 5^3 + 6^2 + 82^1 = 36 + 53 + 62 + 821\end{aligned}$$

2.2.874 Number 973

$$\begin{aligned}973 &:= 11^1 + 31^2 + 55^0 = 111 + 312 + 550 \\973 &:= 1^0 + 10^1 + 31^2 + 55^0 = 10 + 101 + 312 + 550 \\973 &:= 10^0 + 10^1 + 31^2 + 46^0 = 100 + 101 + 312 + 460 \\973 &:= 10^1 + 11^0 + 31^2 + 45^0 = 101 + 110 + 312 + 450 \\973 &:= 10^1 + 12^0 + 31^2 + 44^0 = 101 + 120 + 312 + 440 \\973 &:= 10^1 + 13^0 + 31^2 + 43^0 = 101 + 130 + 312 + 430 \\973 &:= 10^1 + 14^0 + 31^2 + 42^0 = 101 + 140 + 312 + 420 \\973 &:= 10^1 + 15^0 + 31^2 + 41^0 = 101 + 150 + 312 + 410 \\973 &:= 10^1 + 16^0 + 31^2 + 40^0 = 101 + 160 + 312 + 400 \\973 &:= 10^1 + 17^0 + 31^2 + 39^0 = 101 + 170 + 312 + 390 \\973 &:= 10^1 + 18^0 + 31^2 + 38^0 = 101 + 180 + 312 + 380 \\973 &:= 10^1 + 19^0 + 31^2 + 37^0 = 101 + 190 + 312 + 370 \\973 &:= 10^1 + 20^0 + 31^2 + 36^0 = 101 + 200 + 312 + 360 \\973 &:= 10^1 + 21^0 + 31^2 + 35^0 = 101 + 210 + 312 + 350 \\973 &:= 10^1 + 22^0 + 31^2 + 34^0 = 101 + 220 + 312 + 340 \\973 &:= 10^1 + 23^0 + 31^2 + 33^0 = 101 + 230 + 312 + 330\end{aligned}$$

$$\begin{aligned}973 &:= 10^1 + 24^0 + 31^2 + 32^0 = 101 + 240 + 312 + 320 \\973 &:= 10^1 + 25^0 + 31^0 + 31^2 = 101 + 250 + 310 + 312 \\973 &:= 10^1 + 26^0 + 30^0 + 31^2 = 101 + 260 + 300 + 312 \\973 &:= 10^1 + 27^0 + 29^0 + 31^2 = 101 + 270 + 290 + 312 \\973 &:= 10^1 + 28^0 + 28^0 + 31^2 = 101 + 280 + 280 + 312 \\973 &:= 2^0 + 10^1 + 31^2 + 54^0 = 20 + 101 + 312 + 540 \\973 &:= 3^0 + 10^1 + 31^2 + 53^0 = 30 + 101 + 312 + 530 \\973 &:= 4^0 + 10^1 + 31^2 + 52^0 = 40 + 101 + 312 + 520 \\973 &:= 5^0 + 10^1 + 31^2 + 51^0 = 50 + 101 + 312 + 510 \\973 &:= 6^0 + 10^1 + 31^2 + 50^0 = 60 + 101 + 312 + 500 \\973 &:= 7^0 + 10^1 + 31^2 + 49^0 = 70 + 101 + 312 + 490 \\973 &:= 8^0 + 10^1 + 31^2 + 48^0 = 80 + 101 + 312 + 480 \\973 &:= 9^0 + 10^1 + 31^2 + 47^0 = 90 + 101 + 312 + 470 \\973 &:= 1^9 + 21^2 + 23^2 + 24^0 + 27^0 = 19 + 212 + 232 + 240 + 270 \\973 &:= 1^9 + 21^2 + 23^2 + 25^0 + 26^0 = 19 + 212 + 232 + 250 + 260\end{aligned}$$

2.2.875 Number 974

$$\begin{aligned}974 &:= 1^1 + 11^1 + 31^2 + 54^0 = 11 + 111 + 312 + 540 \\974 &:= 1^3 + 3^5 + 3^6 + 89^0 = 13 + 35 + 36 + 890 \\974 &:= 1^6 + 3^5 + 9^3 + 83^0 = 16 + 35 + 93 + 830 \\974 &:= 1^7 + 3^5 + 27^2 + 65^0 = 17 + 35 + 272 + 650 \\974 &:= 2^1 + 10^1 + 31^2 + 54^0 = 21 + 101 + 312 + 540 \\974 &:= 2^7 + 5^4 + 12^2 + 77^1 = 27 + 54 + 122 + 771\end{aligned}$$

$$\begin{aligned}974 &:= 2^8 + 3^3 + 25^2 + 66^1 = 28 + 33 + 252 + 661 \\974 &:= 3^1 + 9^1 + 31^2 + 54^0 = 31 + 91 + 312 + 540 \\974 &:= 4^1 + 8^1 + 31^2 + 54^0 = 41 + 81 + 312 + 540 \\974 &:= 5^1 + 7^1 + 31^2 + 54^0 = 51 + 71 + 312 + 540 \\974 &:= 6^1 + 6^1 + 31^2 + 54^0 = 61 + 61 + 312 + 540\end{aligned}$$

2.2.876 Number 975

$975 := 1^2 + 12^1 + 31^2 + 53^0$	$= 12 + 121 + 312 + 530$	$975 := 13^0 + 17^0 + 18^2 + 24^1 + 25^2 = 130 + 170 + 182 + 241 + 252$
$975 := 10^2 + 25^0 + 29^2 + 33^1$	$= 102 + 250 + 292 + 331$	$975 := 14^0 + 15^2 + 19^1 + 22^0 + 27^2 = 140 + 152 + 191 + 220 + 272$
$975 := 11^0 + 12^2 + 28^2 + 46^1$	$= 110 + 122 + 282 + 461$	$975 := 14^0 + 16^0 + 18^2 + 24^1 + 25^2 = 140 + 160 + 182 + 241 + 252$
$975 := 11^2 + 12^1 + 29^2 + 45^0$	$= 112 + 121 + 292 + 450$	$975 := 15^0 + 15^0 + 18^2 + 24^1 + 25^2 = 150 + 150 + 182 + 241 + 252$
$975 := 13^0 + 16^2 + 26^2 + 42^1$	$= 130 + 162 + 262 + 421$	$975 := 15^0 + 15^2 + 19^1 + 21^0 + 27^2 = 150 + 152 + 191 + 210 + 272$
$975 := 13^2 + 21^1 + 28^2 + 35^0$	$= 132 + 211 + 282 + 350$	$975 := 15^2 + 16^0 + 19^1 + 20^0 + 27^2 = 152 + 160 + 191 + 200 + 272$
$975 := 15^2 + 20^1 + 27^2 + 35^0$	$= 152 + 201 + 272 + 350$	$975 := 15^2 + 17^0 + 19^0 + 19^1 + 27^2 = 152 + 170 + 190 + 191 + 272$
$975 := 17^0 + 19^2 + 24^2 + 37^1$	$= 170 + 192 + 242 + 371$	$975 := 15^2 + 18^0 + 18^0 + 19^1 + 27^2 = 152 + 180 + 180 + 191 + 272$
$975 := 18^2 + 25^1 + 25^2 + 29^0$	$= 182 + 251 + 252 + 290$	$975 := 3^0 + 18^2 + 24^1 + 25^2 + 27^0 = 30 + 182 + 241 + 252 + 270$
$975 := 2^2 + 9^1 + 31^2 + 55^0$	$= 22 + 91 + 312 + 550$	$975 := 3^1 + 21^2 + 23^0 + 23^2 + 27^0 = 31 + 212 + 230 + 232 + 270$
$975 := 3^2 + 4^1 + 31^2 + 59^0$	$= 32 + 41 + 312 + 590$	$975 := 3^1 + 21^2 + 23^2 + 24^0 + 26^0 = 31 + 212 + 232 + 240 + 260$
$975 := 4^1 + 21^2 + 23^2 + 49^0$	$= 41 + 212 + 232 + 490$	$975 := 3^1 + 21^2 + 23^2 + 25^0 + 25^0 = 31 + 212 + 232 + 250 + 250$
$975 := 4^2 + 5^0 + 30^2 + 58^1$	$= 42 + 50 + 302 + 581$	$975 := 4^0 + 18^2 + 24^1 + 25^2 + 26^0 = 40 + 182 + 241 + 252 + 260$
$975 := 5^0 + 21^2 + 22^2 + 49^1$	$= 50 + 212 + 222 + 491$	$975 := 5^0 + 18^2 + 24^1 + 25^0 + 25^2 = 50 + 182 + 241 + 250 + 252$
$975 := 5^2 + 13^0 + 30^2 + 49^1$	$= 52 + 130 + 302 + 491$	$975 := 5^1 + 21^0 + 22^2 + 22^2 + 27^0 = 51 + 210 + 222 + 222 + 270$
$975 := 6^1 + 22^2 + 22^2 + 47^0$	$= 61 + 222 + 222 + 470$	$975 := 5^1 + 22^0 + 22^2 + 22^2 + 26^0 = 51 + 220 + 222 + 222 + 260$
$975 := 6^2 + 23^0 + 30^2 + 38^1$	$= 62 + 230 + 302 + 381$	$975 := 5^1 + 22^2 + 22^2 + 23^0 + 25^0 = 51 + 222 + 222 + 230 + 250$
$975 := 7^0 + 14^2 + 27^2 + 49^1$	$= 70 + 142 + 272 + 491$	$975 := 5^1 + 22^2 + 22^2 + 24^0 + 24^0 = 51 + 222 + 222 + 240 + 240$
$975 := 7^0 + 9^2 + 29^2 + 52^1$	$= 70 + 92 + 292 + 521$	$975 := 6^0 + 18^2 + 24^0 + 24^1 + 25^2 = 60 + 182 + 240 + 241 + 252$
$975 := 7^2 + 25^1 + 30^2 + 35^0$	$= 72 + 251 + 302 + 350$	$975 := 7^0 + 18^2 + 23^0 + 24^1 + 25^2 = 70 + 182 + 230 + 241 + 252$
$975 := 8^2 + 10^1 + 30^2 + 49^0$	$= 82 + 101 + 302 + 490$	$975 := 8^0 + 18^2 + 22^0 + 24^1 + 25^2 = 80 + 182 + 220 + 241 + 252$
$975 := 9^0 + 20^2 + 23^2 + 45^1$	$= 90 + 202 + 232 + 451$	$975 := 8^1 + 17^2 + 19^0 + 26^2 + 27^0 = 81 + 172 + 190 + 262 + 270$
$975 := 9^1 + 17^2 + 26^2 + 45^0$	$= 91 + 172 + 262 + 450$	$975 := 8^1 + 17^2 + 20^0 + 26^0 + 26^2 = 81 + 172 + 200 + 260 + 262$
$975 := 10^0 + 15^2 + 19^1 + 26^0 + 27^2 = 100 + 152 + 191 + 260 + 272$		$975 := 8^1 + 17^2 + 21^0 + 25^0 + 26^2 = 81 + 172 + 210 + 250 + 262$
$975 := 10^0 + 18^2 + 20^0 + 24^1 + 25^2 = 100 + 182 + 200 + 241 + 252$		$975 := 8^1 + 17^2 + 22^0 + 24^0 + 26^2 = 81 + 172 + 220 + 240 + 262$
$975 := 11^0 + 15^2 + 19^1 + 25^0 + 27^2 = 110 + 152 + 191 + 250 + 272$		$975 := 8^1 + 17^2 + 23^0 + 23^0 + 26^2 = 81 + 172 + 230 + 230 + 262$
$975 := 11^0 + 18^2 + 19^0 + 24^1 + 25^2 = 110 + 182 + 190 + 241 + 252$		$975 := 9^0 + 15^2 + 19^1 + 27^0 + 27^2 = 90 + 152 + 191 + 270 + 272$
$975 := 12^0 + 15^2 + 19^1 + 24^0 + 27^2 = 120 + 152 + 191 + 240 + 272$		$975 := 9^0 + 18^2 + 21^0 + 24^1 + 25^2 = 90 + 182 + 210 + 241 + 252$
$975 := 12^0 + 18^0 + 18^2 + 24^1 + 25^2 = 120 + 180 + 182 + 241 + 252$		
$975 := 13^0 + 15^2 + 19^1 + 23^0 + 27^2 = 130 + 152 + 191 + 230 + 272$		

2.2.877 Number 976

$976 := 1^3 + 13^1 + 31^2 + 52^0$	$= 13 + 131 + 312 + 520$	$976 := 6^0 + 8^3 + 20^2 + 63^1$	$= 60 + 83 + 202 + 631$
$976 := 2^3 + 2^8 + 5^4 + 87^1$	$= 23 + 28 + 54 + 871$	$976 := 6^3 + 27^2 + 30^1 + 34^0$	$= 63 + 272 + 301 + 340$
$976 := 2^3 + 6^1 + 31^2 + 58^0$	$= 23 + 61 + 312 + 580$	$976 := 7^1 + 7^3 + 25^2 + 58^0$	$= 71 + 73 + 252 + 580$
$976 := 3^3 + 16^0 + 30^2 + 48^1$	$= 33 + 160 + 302 + 481$	$976 := 7^3 + 10^0 + 24^2 + 56^1$	$= 73 + 100 + 242 + 561$
$976 := 4^3 + 11^1 + 30^2 + 52^0$	$= 43 + 111 + 302 + 520$	$976 := 8^3 + 21^2 + 22^1 + 46^0$	$= 83 + 212 + 221 + 460$
$976 := 5^3 + 9^1 + 29^2 + 54^0$	$= 53 + 91 + 292 + 540$	$976 := 9^3 + 14^2 + 24^0 + 50^1$	$= 93 + 142 + 240 + 501$

$976 := 9^3 + 15^2 + 21^1 + 52^0 = 93 + 152 + 211 + 520$	$976 := 3^2 + 17^2 + 24^0 + 26^2 + 27^0 = 32 + 172 + 240 + 262 + 270$
$976 := 11^1 + 16^0 + 19^2 + 24^2 + 27^1 = 111 + 160 + 192 + 242 + 271$	$976 := 3^2 + 17^2 + 25^0 + 26^0 + 26^2 = 32 + 172 + 250 + 260 + 262$
$976 := 11^2 + 18^0 + 18^2 + 23^2 + 27^0 = 112 + 180 + 182 + 232 + 270$	$976 := 4^0 + 21^2 + 22^2 + 23^1 + 27^1 = 40 + 212 + 222 + 231 + 271$
$976 := 11^2 + 18^2 + 19^0 + 23^2 + 26^0 = 112 + 182 + 190 + 232 + 260$	$976 := 4^0 + 21^2 + 22^2 + 24^1 + 26^1 = 40 + 212 + 222 + 241 + 261$
$976 := 11^2 + 18^2 + 20^0 + 23^2 + 25^0 = 112 + 182 + 200 + 232 + 250$	$976 := 4^0 + 21^2 + 22^2 + 25^1 + 25^1 = 40 + 212 + 222 + 251 + 251$
$976 := 11^2 + 18^2 + 21^0 + 23^2 + 24^0 = 112 + 182 + 210 + 232 + 240$	$976 := 5^2 + 18^2 + 22^0 + 25^2 + 27^0 = 52 + 182 + 220 + 252 + 270$
$976 := 11^2 + 18^2 + 22^0 + 23^0 + 23^2 = 112 + 182 + 220 + 230 + 232$	$976 := 5^2 + 18^2 + 23^0 + 25^2 + 26^0 = 52 + 182 + 230 + 252 + 260$
$976 := 12^0 + 16^1 + 16^2 + 26^2 + 27^1 = 120 + 161 + 162 + 262 + 271$	$976 := 5^2 + 18^2 + 24^0 + 25^0 + 25^2 = 52 + 182 + 240 + 250 + 252$
$976 := 12^0 + 16^2 + 17^1 + 26^1 + 26^2 = 120 + 162 + 171 + 261 + 262$	$976 := 6^0 + 14^2 + 23^1 + 27^1 + 27^2 = 60 + 142 + 231 + 271 + 272$
$976 := 12^0 + 16^2 + 18^1 + 25^1 + 26^2 = 120 + 162 + 181 + 251 + 262$	$976 := 6^0 + 14^2 + 24^1 + 26^1 + 27^2 = 60 + 142 + 241 + 261 + 272$
$976 := 12^0 + 16^2 + 19^1 + 24^1 + 26^2 = 120 + 162 + 191 + 241 + 262$	$976 := 6^0 + 14^2 + 25^1 + 25^1 + 27^2 = 60 + 142 + 251 + 251 + 272$
$976 := 12^0 + 16^2 + 20^1 + 23^1 + 26^2 = 120 + 162 + 201 + 231 + 262$	$976 := 7^2 + 14^2 + 22^0 + 27^0 + 27^2 = 72 + 142 + 220 + 270 + 272$
$976 := 12^0 + 16^2 + 21^1 + 22^1 + 26^2 = 120 + 162 + 211 + 221 + 262$	$976 := 7^2 + 14^2 + 23^0 + 26^0 + 27^2 = 72 + 142 + 230 + 260 + 272$
$976 := 12^1 + 16^0 + 19^2 + 24^2 + 26^1 = 121 + 160 + 192 + 242 + 261$	$976 := 7^2 + 14^2 + 24^0 + 25^0 + 27^2 = 72 + 142 + 240 + 250 + 272$
$976 := 13^1 + 16^0 + 19^2 + 24^2 + 25^1 = 131 + 160 + 192 + 242 + 251$	$976 := 7^2 + 20^0 + 21^2 + 22^2 + 27^0 = 72 + 200 + 212 + 222 + 270$
$976 := 14^1 + 16^0 + 19^2 + 24^1 + 24^2 = 141 + 160 + 192 + 241 + 242$	$976 := 7^2 + 21^0 + 21^2 + 22^2 + 26^0 = 72 + 210 + 212 + 222 + 260$
$976 := 15^1 + 16^0 + 19^2 + 23^1 + 24^2 = 151 + 160 + 192 + 231 + 242$	$976 := 7^2 + 21^2 + 22^0 + 22^2 + 25^0 = 72 + 212 + 220 + 222 + 250$
$976 := 16^0 + 16^1 + 19^2 + 22^1 + 24^2 = 160 + 161 + 192 + 221 + 242$	$976 := 7^2 + 21^2 + 22^2 + 23^0 + 24^0 = 72 + 212 + 222 + 230 + 240$
$976 := 16^0 + 17^1 + 19^2 + 21^1 + 24^2 = 160 + 171 + 192 + 211 + 242$	$976 := 8^0 + 19^1 + 20^2 + 23^2 + 27^1 = 80 + 191 + 202 + 232 + 271$
$976 := 16^0 + 17^2 + 18^2 + 19^2 + 27^0 = 160 + 172 + 182 + 192 + 270$	$976 := 8^0 + 20^1 + 20^2 + 23^2 + 26^1 = 80 + 201 + 202 + 232 + 261$
$976 := 16^0 + 18^1 + 19^2 + 20^1 + 24^2 = 160 + 181 + 192 + 201 + 242$	$976 := 8^0 + 20^2 + 21^1 + 23^2 + 25^1 = 80 + 202 + 211 + 232 + 251$
$976 := 16^0 + 19^1 + 19^1 + 19^2 + 24^2 = 160 + 191 + 191 + 192 + 242$	$976 := 8^0 + 20^2 + 22^1 + 23^2 + 24^1 = 80 + 202 + 221 + 232 + 241$
$976 := 17^0 + 17^2 + 18^2 + 19^2 + 26^0 = 170 + 172 + 182 + 192 + 260$	$976 := 8^0 + 20^2 + 23^1 + 23^1 + 23^2 = 80 + 202 + 231 + 231 + 232$
$976 := 17^2 + 18^0 + 18^2 + 19^2 + 25^0 = 172 + 180 + 182 + 192 + 250$	$976 := 8^3 + 20^0 + 21^1 + 21^2 + 27^0 = 83 + 200 + 211 + 212 + 270$
$976 := 17^2 + 18^2 + 19^0 + 19^2 + 24^0 = 172 + 182 + 190 + 192 + 240$	$976 := 8^3 + 21^0 + 21^1 + 21^2 + 26^0 = 83 + 210 + 211 + 212 + 260$
$976 := 17^2 + 18^2 + 19^2 + 20^0 + 23^0 = 172 + 182 + 192 + 200 + 230$	$976 := 8^3 + 21^1 + 21^2 + 22^0 + 25^0 = 83 + 211 + 212 + 220 + 250$
$976 := 17^2 + 18^2 + 19^2 + 21^0 + 22^0 = 172 + 182 + 192 + 210 + 220$	$976 := 8^3 + 21^1 + 21^2 + 23^0 + 24^0 = 83 + 211 + 212 + 230 + 240$
$976 := 2^2 + 21^2 + 23^2 + 24^0 + 27^0 = 22 + 212 + 232 + 240 + 270$	$976 := 9^3 + 15^2 + 20^1 + 26^0 + 27^0 = 93 + 152 + 201 + 260 + 270$
$976 := 2^2 + 21^2 + 23^2 + 25^0 + 26^0 = 22 + 212 + 232 + 250 + 260$	

2.2.878 Number 977

$977 := 1^4 + 14^1 + 31^2 + 51^0 = 14 + 141 + 312 + 510$	$977 := 3^4 + 11^0 + 29^2 + 54^1 = 34 + 110 + 292 + 541$
$977 := 2^3 + 22^2 + 22^2 + 51^0 = 23 + 222 + 222 + 510$	$977 := 4^2 + 8^2 + 29^2 + 56^1 = 42 + 82 + 292 + 561$
$977 := 2^4 + 5^0 + 30^2 + 60^1 = 24 + 50 + 302 + 601$	$977 := 4^4 + 23^0 + 26^2 + 44^1 = 44 + 230 + 262 + 441$
$977 := 2^6 + 2^9 + 20^2 + 72^0 = 26 + 29 + 202 + 720$	$977 := 5^2 + 15^2 + 26^2 + 51^1 = 52 + 152 + 262 + 511$
$977 := 3^3 + 18^2 + 25^2 + 51^0 = 33 + 182 + 252 + 510$	$977 := 5^4 + 13^0 + 17^2 + 62^1 = 54 + 130 + 172 + 621$
$977 := 3^3 + 7^2 + 30^2 + 57^0 = 33 + 72 + 302 + 570$	$977 := 5^4 + 18^2 + 27^1 + 47^0 = 54 + 182 + 271 + 470$

$$\begin{array}{ll}
 977 := 6^3 + 9^3 + 31^1 + 51^0 & = 63 + 93 + 311 + 510 \\
 977 := 8^2 + 17^2 + 24^2 + 48^1 & = 82 + 172 + 242 + 481 \\
 977 := 8^2 + 8^3 + 20^2 + 61^0 & = 82 + 83 + 202 + 610 \\
 977 := 1^2 + 18^2 + 25^2 + 26^1 + 27^0 & = 12 + 182 + 252 + 261 + 270 \\
 977 := 10^2 + 11^2 + 23^0 + 26^1 + 27^2 & = 102 + 112 + 230 + 261 + 272 \\
 977 := 10^2 + 15^2 + 21^0 + 25^2 + 26^1 & = 102 + 152 + 210 + 252 + 261 \\
 977 := 10^2 + 18^2 + 23^0 + 23^1 + 23^2 & = 102 + 182 + 230 + 231 + 232 \\
 977 := 11^2 + 16^2 + 23^0 + 23^1 + 24^2 & = 112 + 162 + 230 + 231 + 242 \\
 977 := 12^2 + 18^2 + 21^0 + 22^2 + 24^1 & = 122 + 182 + 210 + 222 + 241 \\
 977 := 13^2 + 16^2 + 22^1 + 23^0 + 23^2 & = 132 + 162 + 221 + 230 + 232 \\
 977 := 14^2 + 15^2 + 19^0 + 23^2 + 26^1 & = 142 + 152 + 190 + 232 + 261 \\
 977 := 14^2 + 19^1 + 19^2 + 20^2 + 25^0 & = 142 + 191 + 192 + 202 + 250 \\
 977 := 15^2 + 17^0 + 18^2 + 20^2 + 27^1 & = 152 + 170 + 182 + 202 + 271 \\
 977 := 15^2 + 17^2 + 21^1 + 21^2 + 23^0 & = 152 + 172 + 211 + 212 + 230 \\
 977 := 16^2 + 16^2 + 21^0 + 21^2 + 23^1 & = 162 + 162 + 210 + 212 + 231 \\
 977 := 4^2 + 19^2 + 23^1 + 24^2 + 27^0 & = 42 + 192 + 231 + 242 + 270 \\
 977 := 5^2 + 14^2 + 25^0 + 26^1 + 27^2 & = 52 + 142 + 250 + 261 + 272 \\
 977 := 5^2 + 20^2 + 22^1 + 23^2 + 27^0 & = 52 + 202 + 221 + 232 + 270 \\
 977 := 5^2 + 21^2 + 22^2 + 23^0 + 26^1 & = 52 + 212 + 222 + 230 + 261 \\
 977 := 5^3 + 11^2 + 27^0 + 27^0 + 27^2 & = 53 + 112 + 270 + 270 + 272 \\
 977 := 5^3 + 15^2 + 25^0 + 25^2 + 27^0 & = 53 + 152 + 250 + 252 + 270 \\
 977 := 5^3 + 15^2 + 25^2 + 26^0 + 26^0 & = 53 + 152 + 252 + 260 + 260 \\
 977 := 5^4 + 18^2 + 21^0 + 26^1 + 27^0 & = 54 + 182 + 210 + 261 + 270 \\
 977 := 5^4 + 18^2 + 22^0 + 26^0 + 26^1 & = 54 + 182 + 220 + 260 + 261 \\
 977 := 5^4 + 18^2 + 23^0 + 25^0 + 26^1 & = 54 + 182 + 230 + 250 + 261 \\
 977 := 5^4 + 18^2 + 24^0 + 24^0 + 26^1 & = 54 + 182 + 240 + 240 + 261 \\
 977 := 6^2 + 17^2 + 23^0 + 25^2 + 26^1 & = 62 + 172 + 230 + 252 + 261 \\
 977 := 7^2 + 15^2 + 23^0 + 26^1 + 26^2 & = 72 + 152 + 230 + 261 + 262 \\
 977 := 7^2 + 18^2 + 21^0 + 24^2 + 27^1 & = 72 + 182 + 210 + 242 + 271 \\
 977 := 8^2 + 19^2 + 22^1 + 23^2 + 25^0 & = 82 + 192 + 221 + 232 + 250 \\
 977 := 9^2 + 12^2 + 22^1 + 27^0 + 27^2 & = 92 + 122 + 221 + 270 + 272 \\
 977 := 9^2 + 14^2 + 23^1 + 25^0 + 26^2 & = 92 + 142 + 231 + 250 + 262 \\
 977 := 9^3 + 14^2 + 23^0 + 24^1 + 27^1 & = 93 + 142 + 230 + 241 + 271 \\
 977 := 9^3 + 14^2 + 23^0 + 25^1 + 26^1 & = 93 + 142 + 230 + 251 + 261
 \end{array}$$

2.2.879 Number 978

$$\begin{array}{ll}
 978 := 1^4 + 20^2 + 24^2 + 52^0 & = 14 + 202 + 242 + 520 \\
 978 := 1^5 + 15^1 + 31^2 + 50^0 & = 15 + 151 + 312 + 500 \\
 978 := 1^8 + 2^7 + 28^2 + 65^1 & = 18 + 27 + 282 + 651 \\
 978 := 1^9 + 3^6 + 13^2 + 79^1 & = 19 + 36 + 132 + 791 \\
 978 := 2^3 + 2^3 + 31^2 + 62^0 & = 23 + 23 + 312 + 620 \\
 978 := 2^5 + 20^0 + 30^2 + 45^1 & = 25 + 200 + 302 + 451 \\
 978 := 3^5 + 10^0 + 26^2 + 58^1 & = 35 + 100 + 262 + 581 \\
 978 := 3^5 + 5^1 + 27^2 + 62^0 & = 35 + 51 + 272 + 620 \\
 978 := 5^4 + 7^3 + 9^1 + 76^0 & = 54 + 73 + 91 + 760 \\
 978 := 1^3 + 18^2 + 25^2 + 26^0 + 27^1 & = 13 + 182 + 252 + 260 + 271 \\
 978 := 3^3 + 21^2 + 22^2 + 25^1 + 26^0 & = 33 + 212 + 222 + 251 + 260 \\
 978 := 4^4 + 18^1 + 22^0 + 26^2 + 27^1 & = 44 + 181 + 220 + 262 + 271 \\
 978 := 4^4 + 19^1 + 22^0 + 26^1 + 26^2 & = 44 + 191 + 220 + 261 + 262 \\
 978 := 4^4 + 20^1 + 22^0 + 25^1 + 26^2 & = 44 + 201 + 220 + 251 + 262 \\
 978 := 4^4 + 21^1 + 22^0 + 24^1 + 26^2 & = 44 + 211 + 220 + 241 + 262 \\
 978 := 4^4 + 22^0 + 22^1 + 23^1 + 26^2 & = 44 + 220 + 221 + 231 + 262
 \end{array}$$

2.2.880 Number 979

$$\begin{array}{ll}
 979 := 3^6 + 13^2 + 81^1 & = 36 + 132 + 811 \\
 979 := 1^0 + 3^6 + 13^2 + 80^1 & = 10 + 36 + 132 + 801 \\
 979 := 1^3 + 2^4 + 31^2 + 63^0 & = 13 + 24 + 312 + 630 \\
 979 := 1^4 + 21^2 + 22^2 + 53^1 & = 14 + 212 + 222 + 531 \\
 979 := 1^4 + 4^2 + 30^2 + 62^1 & = 14 + 42 + 302 + 621 \\
 979 := 1^5 + 4^2 + 31^2 + 61^0 & = 15 + 42 + 312 + 610 \\
 979 := 1^6 + 16^1 + 31^2 + 49^0 & = 16 + 161 + 312 + 490 \\
 979 := 2^3 + 2^3 + 30^2 + 63^1 & = 23 + 23 + 302 + 631 \\
 979 := 2^3 + 5^3 + 28^2 + 62^1 & = 23 + 53 + 282 + 621 \\
 979 := 2^3 + 9^3 + 13^2 + 73^1 & = 23 + 93 + 132 + 731 \\
 979 := 2^4 + 8^2 + 29^2 + 58^1 & = 24 + 82 + 292 + 581 \\
 979 := 2^6 + 14^1 + 30^2 + 51^0 & = 26 + 141 + 302 + 510
 \end{array}$$

$$\begin{aligned}
 979 &:= 3^4 + 19^2 + 22^2 + 53^1 &= 34 + 192 + 222 + 531 \\
 979 &:= 3^5 + 6^1 + 9^3 + 79^0 &= 35 + 61 + 93 + 790 \\
 979 &:= 3^6 + 14^2 + 27^0 + 53^1 &= 36 + 142 + 270 + 531 \\
 979 &:= 3^6 + 15^2 + 24^1 + 55^0 &= 36 + 152 + 241 + 550 \\
 979 &:= 4^3 + 5^3 + 27^2 + 61^1 &= 43 + 53 + 272 + 611 \\
 979 &:= 4^3 + 5^4 + 17^2 + 71^0 &= 43 + 54 + 172 + 710 \\
 979 &:= 4^4 + 15^2 + 21^2 + 57^1 &= 44 + 152 + 212 + 571 \\
 979 &:= 4^4 + 6^2 + 25^2 + 62^1 &= 44 + 62 + 252 + 621 \\
 979 &:= 5^3 + 6^3 + 24^2 + 62^1 &= 53 + 63 + 242 + 621 \\
 979 &:= 5^3 + 7^2 + 9^3 + 76^1 &= 53 + 72 + 93 + 761 \\
 979 &:= 6^3 + 6^3 + 22^2 + 63^1 &= 63 + 63 + 222 + 631 \\
 979 &:= 7^2 + 7^3 + 8^3 + 75^1 &= 72 + 73 + 83 + 751 \\
 979 &:= 7^3 + 7^3 + 15^2 + 68^1 &= 73 + 73 + 152 + 681
 \end{aligned}$$

$$\begin{aligned}
 979 &:= 1^3 + 21^2 + 22^2 + 26^1 + 27^1 = 13 + 212 + 222 + 261 + 271 \\
 979 &:= 1^5 + 20^2 + 24^2 + 25^0 + 27^0 = 15 + 202 + 242 + 250 + 270 \\
 979 &:= 1^5 + 20^2 + 24^2 + 26^0 + 26^0 = 15 + 202 + 242 + 260 + 260 \\
 979 &:= 2^4 + 19^2 + 24^2 + 25^1 + 27^0 = 24 + 192 + 242 + 251 + 270 \\
 979 &:= 3^3 + 13^2 + 27^1 + 27^1 + 27^2 = 33 + 132 + 271 + 271 + 272 \\
 979 &:= 3^3 + 18^2 + 24^2 + 25^1 + 27^1 = 33 + 182 + 242 + 251 + 271 \\
 979 &:= 3^3 + 18^2 + 24^2 + 26^1 + 26^1 = 33 + 182 + 242 + 261 + 261 \\
 979 &:= 5^3 + 15^2 + 24^2 + 26^1 + 27^1 = 53 + 152 + 242 + 261 + 271 \\
 979 &:= 5^3 + 19^2 + 21^2 + 25^1 + 27^1 = 53 + 192 + 212 + 251 + 271 \\
 979 &:= 5^3 + 19^2 + 21^2 + 26^1 + 26^1 = 53 + 192 + 212 + 261 + 261 \\
 979 &:= 6^3 + 15^2 + 22^2 + 27^1 + 27^1 = 63 + 152 + 222 + 271 + 271
 \end{aligned}$$

2.2.881 Number 980

$$\begin{aligned}
 980 &:= 1^7 + 17^1 + 31^2 + 48^0 &= 17 + 171 + 312 + 480 \\
 980 &:= 2^7 + 10^1 + 29^2 + 56^0 &= 27 + 101 + 292 + 560 \\
 980 &:= 3^6 + 5^2 + 15^2 + 74^0 &= 36 + 52 + 152 + 740 \\
 980 &:= 3^6 + 6^3 + 34^1 + 54^0 &= 36 + 63 + 341 + 540
 \end{aligned}$$

$$\begin{aligned}
 980 &:= 3^6 + 9^2 + 13^2 + 72^0 &= 36 + 92 + 132 + 720 \\
 980 &:= 2^6 + 17^2 + 25^2 + 26^0 + 27^0 &= 26 + 172 + 252 + 260 + 270 \\
 980 &:= 3^6 + 14^2 + 26^0 + 27^1 + 27^1 &= 36 + 142 + 260 + 271 + 271
 \end{aligned}$$

2.2.882 Number 981

$$\begin{aligned}
 981 &:= 1^4 + 2^4 + 30^2 + 64^1 &= 14 + 24 + 302 + 641 \\
 981 &:= 1^5 + 8^3 + 20^2 + 68^1 &= 15 + 83 + 202 + 681 \\
 981 &:= 1^6 + 14^2 + 27^2 + 55^1 &= 16 + 142 + 272 + 551 \\
 981 &:= 1^6 + 9^2 + 29^2 + 58^1 &= 16 + 92 + 292 + 581 \\
 981 &:= 1^8 + 18^1 + 31^2 + 47^0 &= 18 + 181 + 312 + 470 \\
 981 &:= 2^2 + 3^6 + 13^2 + 79^1 &= 22 + 36 + 132 + 791
 \end{aligned}$$

$$\begin{aligned}
 981 &:= 2^3 + 3^5 + 9^3 + 83^0 &= 23 + 35 + 93 + 830 \\
 981 &:= 2^8 + 21^0 + 26^2 + 48^1 &= 28 + 210 + 262 + 481 \\
 981 &:= 4^2 + 4^4 + 5^4 + 84^1 &= 42 + 44 + 54 + 841 \\
 981 &:= 4^4 + 4^4 + 20^2 + 69^1 &= 44 + 44 + 202 + 691 \\
 981 &:= 2^6 + 19^2 + 23^2 + 26^1 + 27^0 &= 26 + 192 + 232 + 261 + 270
 \end{aligned}$$

2.2.883 Number 982

$$\begin{aligned}
 982 &:= 1^8 + 14^2 + 28^2 + 54^0 &= 18 + 142 + 282 + 540 \\
 982 &:= 1^9 + 19^1 + 31^2 + 46^0 &= 19 + 191 + 312 + 460 \\
 982 &:= 2^8 + 10^2 + 25^2 + 60^0 &= 28 + 102 + 252 + 600 \\
 982 &:= 2^8 + 14^2 + 23^2 + 58^0 &= 28 + 142 + 232 + 580 \\
 982 &:= 2^8 + 7^2 + 26^2 + 62^0 &= 28 + 72 + 262 + 620 \\
 982 &:= 2^9 + 21^2 + 28^1 + 46^0 &= 29 + 212 + 281 + 460 \\
 982 &:= 2^9 + 6^0 + 20^2 + 69^1 &= 29 + 60 + 202 + 691 \\
 982 &:= 3^5 + 3^6 + 9^1 + 82^0 &= 35 + 36 + 91 + 820
 \end{aligned}$$

$$\begin{aligned}
 982 &:= 2^8 + 20^0 + 22^1 + 26^2 + 27^1 = 28 + 200 + 221 + 262 + 271 \\
 982 &:= 2^8 + 20^0 + 23^1 + 26^1 + 26^2 = 28 + 200 + 231 + 261 + 262 \\
 982 &:= 2^8 + 20^0 + 24^1 + 25^1 + 26^2 = 28 + 200 + 241 + 251 + 262 \\
 982 &:= 2^9 + 20^0 + 21^2 + 27^0 + 27^1 = 29 + 200 + 212 + 270 + 271 \\
 982 &:= 2^9 + 21^0 + 21^2 + 26^0 + 27^1 = 29 + 210 + 212 + 260 + 271 \\
 982 &:= 2^9 + 21^2 + 22^0 + 25^0 + 27^1 = 29 + 212 + 220 + 250 + 271 \\
 982 &:= 2^9 + 21^2 + 23^0 + 24^0 + 27^1 = 29 + 212 + 230 + 240 + 271
 \end{aligned}$$

2.2.884 Number 983

$983 := 21^1 + 31^2 + 46^0$	$= 211 + 312 + 460$	$983 := 2^4 + 4^4 + 5^4 + 86^1$	$= 24 + 44 + 54 + 861$
$983 := 1^0 + 20^1 + 31^2 + 46^0$	$= 10 + 201 + 312 + 460$	$983 := 2^7 + 5^3 + 9^3 + 81^0$	$= 27 + 53 + 93 + 810$
$983 := 1^7 + 3^4 + 30^2 + 63^0$	$= 17 + 34 + 302 + 630$	$983 := 20^0 + 20^1 + 27^0 + 31^2$	$= 200 + 201 + 270 + 312$
$983 := 1^8 + 20^2 + 23^2 + 53^1$	$= 18 + 202 + 232 + 531$	$983 := 20^1 + 21^0 + 26^0 + 31^2$	$= 201 + 210 + 260 + 312$
$983 := 1^9 + 9^2 + 30^2 + 57^0$	$= 19 + 92 + 302 + 570$	$983 := 20^1 + 22^0 + 25^0 + 31^2$	$= 201 + 220 + 250 + 312$
$983 := 10^0 + 20^1 + 31^2 + 37^0$	$= 100 + 201 + 312 + 370$	$983 := 20^1 + 23^0 + 24^0 + 31^2$	$= 201 + 230 + 240 + 312$
$983 := 11^0 + 20^1 + 31^2 + 36^0$	$= 110 + 201 + 312 + 360$	$983 := 3^0 + 20^1 + 31^2 + 44^0$	$= 30 + 201 + 312 + 440$
$983 := 12^0 + 20^1 + 31^2 + 35^0$	$= 120 + 201 + 312 + 350$	$983 := 4^0 + 20^1 + 31^2 + 43^0$	$= 40 + 201 + 312 + 430$
$983 := 13^0 + 20^1 + 31^2 + 34^0$	$= 130 + 201 + 312 + 340$	$983 := 5^0 + 20^1 + 31^2 + 42^0$	$= 50 + 201 + 312 + 420$
$983 := 14^0 + 20^1 + 31^2 + 33^0$	$= 140 + 201 + 312 + 330$	$983 := 6^0 + 20^1 + 31^2 + 41^0$	$= 60 + 201 + 312 + 410$
$983 := 15^0 + 20^1 + 31^2 + 32^0$	$= 150 + 201 + 312 + 320$	$983 := 7^0 + 20^1 + 31^2 + 40^0$	$= 70 + 201 + 312 + 400$
$983 := 16^0 + 20^1 + 31^0 + 31^2$	$= 160 + 201 + 310 + 312$	$983 := 8^0 + 20^1 + 31^2 + 39^0$	$= 80 + 201 + 312 + 390$
$983 := 17^0 + 20^1 + 30^0 + 31^2$	$= 170 + 201 + 300 + 312$	$983 := 9^0 + 20^1 + 31^2 + 38^0$	$= 90 + 201 + 312 + 380$
$983 := 18^0 + 20^1 + 29^0 + 31^2$	$= 180 + 201 + 290 + 312$	$983 := 1^7 + 20^2 + 23^2 + 26^1 + 27^1$	$= 17 + 202 + 232 + 261 + 271$
$983 := 19^0 + 20^1 + 28^0 + 31^2$	$= 190 + 201 + 280 + 312$	$983 := 1^8 + 15^2 + 27^0 + 27^1 + 27^2$	$= 18 + 152 + 270 + 271 + 272$
$983 := 2^0 + 20^1 + 31^2 + 45^0$	$= 20 + 201 + 312 + 450$		

2.2.885 Number 984

$984 := 1^1 + 21^1 + 31^2 + 45^0$	$= 11 + 211 + 312 + 450$	$984 := 5^1 + 17^1 + 31^2 + 45^0$	$= 51 + 171 + 312 + 450$
$984 := 10^1 + 12^1 + 31^2 + 45^0$	$= 101 + 121 + 312 + 450$	$984 := 6^1 + 16^1 + 31^2 + 45^0$	$= 61 + 161 + 312 + 450$
$984 := 11^1 + 11^1 + 31^2 + 45^0$	$= 111 + 111 + 312 + 450$	$984 := 7^1 + 15^1 + 31^2 + 45^0$	$= 71 + 151 + 312 + 450$
$984 := 2^1 + 20^1 + 31^2 + 45^0$	$= 21 + 201 + 312 + 450$	$984 := 8^1 + 14^1 + 31^2 + 45^0$	$= 81 + 141 + 312 + 450$
$984 := 3^1 + 19^1 + 31^2 + 45^0$	$= 31 + 191 + 312 + 450$	$984 := 9^1 + 13^1 + 31^2 + 45^0$	$= 91 + 131 + 312 + 450$
$984 := 4^1 + 18^1 + 31^2 + 45^0$	$= 41 + 181 + 312 + 450$		

2.2.886 Number 985

$985 := 1^2 + 22^1 + 31^2 + 44^0$	$= 12 + 221 + 312 + 440$	$985 := 18^2 + 20^0 + 25^2 + 35^1$	$= 182 + 200 + 252 + 351$
$985 := 1^9 + 7^3 + 24^2 + 65^1$	$= 19 + 73 + 242 + 651$	$985 := 2^0 + 12^2 + 28^2 + 56^1$	$= 20 + 122 + 282 + 561$
$985 := 10^2 + 16^0 + 29^2 + 43^1$	$= 102 + 160 + 292 + 431$	$985 := 2^2 + 19^1 + 31^2 + 46^0$	$= 22 + 191 + 312 + 460$
$985 := 11^2 + 22^1 + 29^2 + 36^0$	$= 112 + 221 + 292 + 360$	$985 := 2^9 + 7^2 + 7^3 + 81^1$	$= 29 + 72 + 73 + 811$
$985 := 13^2 + 26^0 + 28^2 + 31^1$	$= 132 + 260 + 282 + 311$	$985 := 3^1 + 9^2 + 30^2 + 56^0$	$= 31 + 92 + 302 + 560$
$985 := 14^1 + 21^2 + 23^2 + 40^0$	$= 141 + 212 + 232 + 400$	$985 := 3^2 + 14^1 + 31^2 + 50^0$	$= 32 + 141 + 312 + 500$
$985 := 15^2 + 26^0 + 27^2 + 30^1$	$= 152 + 260 + 272 + 301$	$985 := 4^0 + 16^2 + 26^2 + 52^1$	$= 40 + 162 + 262 + 521$
$985 := 16^1 + 22^2 + 22^2 + 38^0$	$= 161 + 222 + 222 + 380$	$985 := 4^0 + 5^2 + 30^2 + 59^1$	$= 40 + 52 + 302 + 591$
$985 := 17^2 + 19^1 + 26^2 + 36^0$	$= 172 + 191 + 262 + 360$	$985 := 4^1 + 14^2 + 28^2 + 52^0$	$= 41 + 142 + 282 + 520$

$985 := 4^2 + 7^1 + 31^2 + 56^0$	$= 42 + 71 + 312 + 560$	$985 := 13^1 + 20^0 + 21^0 + 21^2 + 23^2 = 131 + 200 + 210 + 212 + 232$
$985 := 6^2 + 14^0 + 30^2 + 48^1$	$= 62 + 140 + 302 + 481$	$985 := 14^0 + 15^1 + 22^2 + 22^2 + 25^0 = 140 + 151 + 222 + 222 + 250$
$985 := 7^2 + 26^0 + 30^2 + 35^1$	$= 72 + 260 + 302 + 351$	$985 := 14^0 + 17^2 + 18^1 + 23^0 + 26^2 = 140 + 172 + 181 + 230 + 262$
$985 := 8^0 + 19^2 + 24^2 + 47^1$	$= 80 + 192 + 242 + 471$	$985 := 15^0 + 15^1 + 22^2 + 22^2 + 24^0 = 150 + 151 + 222 + 222 + 240$
$985 := 8^1 + 20^2 + 24^2 + 46^0$	$= 81 + 202 + 242 + 460$	$985 := 15^0 + 17^2 + 18^1 + 22^0 + 26^2 = 150 + 172 + 181 + 220 + 262$
$985 := 8^2 + 20^1 + 30^2 + 40^0$	$= 82 + 201 + 302 + 400$	$985 := 15^1 + 16^0 + 22^2 + 22^2 + 23^0 = 151 + 160 + 222 + 222 + 230$
$985 := 10^0 + 17^2 + 18^1 + 26^2 + 27^0 = 100 + 172 + 181 + 262 + 270$		$985 := 15^1 + 17^0 + 22^0 + 22^2 + 22^2 = 151 + 170 + 220 + 222 + 222$
$985 := 11^0 + 17^2 + 18^1 + 26^0 + 26^2 = 110 + 172 + 181 + 260 + 262$		$985 := 15^1 + 18^0 + 21^0 + 22^2 + 22^2 = 151 + 180 + 210 + 222 + 222$
$985 := 12^0 + 15^1 + 22^2 + 22^2 + 27^0 = 120 + 151 + 222 + 222 + 270$		$985 := 15^1 + 19^0 + 20^0 + 22^2 + 22^2 = 151 + 190 + 200 + 222 + 222$
$985 := 12^0 + 17^2 + 18^1 + 25^0 + 26^2 = 120 + 172 + 181 + 250 + 262$		$985 := 16^0 + 17^2 + 18^1 + 21^0 + 26^2 = 160 + 172 + 181 + 210 + 262$
$985 := 13^0 + 15^1 + 22^2 + 22^2 + 26^0 = 130 + 151 + 222 + 222 + 260$		$985 := 17^0 + 17^2 + 18^1 + 20^0 + 26^2 = 170 + 172 + 181 + 200 + 262$
$985 := 13^0 + 17^2 + 18^1 + 24^0 + 26^2 = 130 + 172 + 181 + 240 + 262$		$985 := 17^2 + 18^0 + 18^1 + 19^0 + 26^2 = 172 + 180 + 181 + 190 + 262$
$985 := 13^1 + 14^0 + 21^2 + 23^2 + 27^0 = 131 + 140 + 212 + 232 + 270$		$985 := 7^1 + 20^0 + 20^2 + 24^2 + 27^0 = 71 + 200 + 202 + 242 + 270$
$985 := 13^1 + 15^0 + 21^2 + 23^2 + 26^0 = 131 + 150 + 212 + 232 + 260$		$985 := 7^1 + 20^2 + 21^0 + 24^2 + 26^0 = 71 + 202 + 210 + 242 + 260$
$985 := 13^1 + 16^0 + 21^2 + 23^2 + 25^0 = 131 + 160 + 212 + 232 + 250$		$985 := 7^1 + 20^2 + 22^0 + 24^2 + 25^0 = 71 + 202 + 220 + 242 + 250$
$985 := 13^1 + 17^0 + 21^2 + 23^2 + 24^0 = 131 + 170 + 212 + 232 + 240$		$985 := 7^1 + 20^2 + 23^0 + 24^0 + 24^2 = 71 + 202 + 230 + 240 + 242$
$985 := 13^1 + 18^0 + 21^2 + 23^0 + 23^2 = 131 + 180 + 212 + 230 + 232$		
$985 := 13^1 + 19^0 + 21^2 + 22^0 + 23^2 = 131 + 190 + 212 + 220 + 232$		

2.2.887 Number 986

$986 := 4^4 + 27^2 + 67^0$	$= 44 + 272 + 670$	$986 := 12^2 + 22^1 + 28^2 + 36^1$	$= 122 + 221 + 282 + 361$
$986 := 7^3 + 24^2 + 67^1$	$= 73 + 242 + 671$	$986 := 12^2 + 23^1 + 28^2 + 35^1$	$= 122 + 231 + 282 + 351$
$986 := 1^0 + 7^3 + 24^2 + 66^1$	$= 10 + 73 + 242 + 661$	$986 := 12^2 + 24^1 + 28^2 + 34^1$	$= 122 + 241 + 282 + 341$
$986 := 1^1 + 12^2 + 28^2 + 57^1$	$= 11 + 122 + 282 + 571$	$986 := 12^2 + 25^1 + 28^2 + 33^1$	$= 122 + 251 + 282 + 331$
$986 := 1^3 + 23^1 + 31^2 + 43^0$	$= 13 + 231 + 312 + 430$	$986 := 12^2 + 26^1 + 28^2 + 32^1$	$= 122 + 261 + 282 + 321$
$986 := 10^1 + 12^2 + 28^2 + 48^1$	$= 101 + 122 + 282 + 481$	$986 := 12^2 + 27^1 + 28^2 + 31^1$	$= 122 + 271 + 282 + 311$
$986 := 11^1 + 12^2 + 28^2 + 47^1$	$= 111 + 122 + 282 + 471$	$986 := 12^2 + 28^1 + 28^2 + 30^1$	$= 122 + 281 + 282 + 301$
$986 := 12^1 + 12^2 + 28^2 + 46^1$	$= 121 + 122 + 282 + 461$	$986 := 12^2 + 28^2 + 29^1 + 29^1$	$= 122 + 282 + 291 + 291$
$986 := 12^2 + 13^1 + 28^2 + 45^1$	$= 122 + 131 + 282 + 451$	$986 := 2^1 + 12^2 + 28^2 + 56^1$	$= 21 + 122 + 282 + 561$
$986 := 12^2 + 14^1 + 28^2 + 44^1$	$= 122 + 141 + 282 + 441$	$986 := 2^2 + 9^2 + 30^2 + 57^0$	$= 22 + 92 + 302 + 570$
$986 := 12^2 + 15^1 + 28^2 + 43^1$	$= 122 + 151 + 282 + 431$	$986 := 2^3 + 16^1 + 31^2 + 49^0$	$= 23 + 161 + 312 + 490$
$986 := 12^2 + 16^1 + 28^2 + 42^1$	$= 122 + 161 + 282 + 421$	$986 := 2^5 + 2^9 + 21^2 + 72^0$	$= 25 + 29 + 212 + 720$
$986 := 12^2 + 17^1 + 28^2 + 41^1$	$= 122 + 171 + 282 + 411$	$986 := 2^7 + 2^7 + 27^2 + 66^0$	$= 27 + 27 + 272 + 660$
$986 := 12^2 + 18^1 + 28^2 + 40^1$	$= 122 + 181 + 282 + 401$	$986 := 3^1 + 12^2 + 28^2 + 55^1$	$= 31 + 122 + 282 + 551$
$986 := 12^2 + 19^1 + 28^2 + 39^1$	$= 122 + 191 + 282 + 391$	$986 := 3^2 + 20^2 + 24^2 + 51^0$	$= 32 + 202 + 242 + 510$
$986 := 12^2 + 20^1 + 28^2 + 38^1$	$= 122 + 201 + 282 + 381$	$986 := 3^3 + 7^0 + 30^2 + 58^1$	$= 33 + 70 + 302 + 581$
$986 := 12^2 + 20^2 + 21^2 + 45^0$	$= 122 + 202 + 212 + 450$	$986 := 4^1 + 12^2 + 28^2 + 54^1$	$= 41 + 122 + 282 + 541$
$986 := 12^2 + 21^1 + 28^2 + 37^1$	$= 122 + 211 + 282 + 371$	$986 := 4^3 + 21^1 + 30^2 + 43^0$	$= 43 + 211 + 302 + 430$

$986 := 4^4 + 27^2 + 67^0$	$= 44 + 272 + 670$	$986 := 13^1 + 18^2 + 19^0 + 23^1 + 25^2 = 131 + 182 + 190 + 231 + 252$
$986 := 5^1 + 12^2 + 28^2 + 53^1$	$= 51 + 122 + 282 + 531$	$986 := 14^1 + 15^2 + 17^1 + 25^0 + 27^2 = 141 + 152 + 171 + 250 + 272$
$986 := 5^3 + 19^1 + 29^2 + 45^0$	$= 53 + 191 + 292 + 450$	$986 := 14^1 + 18^2 + 19^0 + 22^1 + 25^2 = 141 + 182 + 190 + 221 + 252$
$986 := 6^1 + 12^2 + 28^2 + 52^1$	$= 61 + 122 + 282 + 521$	$986 := 15^1 + 15^2 + 16^1 + 25^0 + 27^2 = 151 + 152 + 161 + 250 + 272$
$986 := 6^2 + 18^2 + 25^2 + 49^0$	$= 62 + 182 + 252 + 490$	$986 := 15^1 + 18^2 + 19^0 + 21^1 + 25^2 = 151 + 182 + 190 + 211 + 252$
$986 := 6^2 + 7^2 + 30^2 + 55^0$	$= 62 + 72 + 302 + 550$	$986 := 16^1 + 18^2 + 19^0 + 20^1 + 25^2 = 161 + 182 + 190 + 201 + 252$
$986 := 6^3 + 25^0 + 27^2 + 40^1$	$= 63 + 250 + 272 + 401$	$986 := 17^1 + 18^2 + 19^0 + 19^1 + 25^2 = 171 + 182 + 190 + 191 + 252$
$986 := 7^1 + 12^2 + 28^2 + 51^1$	$= 71 + 122 + 282 + 511$	$986 := 18^1 + 18^1 + 18^2 + 19^0 + 25^2 = 181 + 181 + 182 + 190 + 252$
$986 := 7^3 + 17^1 + 25^2 + 49^0$	$= 73 + 171 + 252 + 490$	$986 := 3^0 + 16^2 + 26^1 + 26^2 + 27^1 = 30 + 162 + 261 + 262 + 271$
$986 := 7^3 + 24^2 + 67^1$	$= 73 + 242 + 671$	$986 := 4^1 + 15^2 + 25^0 + 27^1 + 27^2 = 41 + 152 + 250 + 271 + 272$
$986 := 8^1 + 12^2 + 28^2 + 50^1$	$= 81 + 122 + 282 + 501$	$986 := 4^2 + 22^2 + 22^2 + 23^0 + 27^0 = 42 + 222 + 222 + 230 + 270$
$986 := 8^3 + 21^2 + 32^1 + 37^0$	$= 83 + 212 + 321 + 370$	$986 := 4^2 + 22^2 + 22^2 + 24^0 + 26^0 = 42 + 222 + 222 + 240 + 260$
$986 := 9^1 + 12^2 + 28^2 + 49^1$	$= 91 + 122 + 282 + 491$	$986 := 4^2 + 22^2 + 22^2 + 25^0 + 25^0 = 42 + 222 + 222 + 250 + 250$
$986 := 9^3 + 14^2 + 15^0 + 60^1$	$= 93 + 142 + 150 + 601$	$986 := 5^1 + 15^2 + 25^0 + 26^1 + 27^2 = 51 + 152 + 250 + 261 + 272$
$986 := 9^3 + 15^2 + 31^1 + 43^0$	$= 93 + 152 + 311 + 430$	$986 := 6^1 + 15^2 + 25^0 + 25^1 + 27^2 = 61 + 152 + 250 + 251 + 272$
$986 := 10^1 + 15^2 + 21^1 + 25^0 + 27^2 = 101 + 152 + 211 + 250 + 272$		$986 := 7^0 + 19^2 + 21^1 + 24^2 + 27^1 = 70 + 192 + 211 + 242 + 271$
$986 := 10^1 + 18^2 + 19^0 + 25^2 + 26^1 = 101 + 182 + 190 + 252 + 261$		$986 := 7^0 + 19^2 + 22^1 + 24^2 + 26^1 = 70 + 192 + 221 + 242 + 261$
$986 := 10^2 + 19^0 + 20^2 + 22^2 + 27^0 = 102 + 190 + 202 + 222 + 270$		$986 := 7^0 + 19^2 + 23^1 + 24^2 + 25^1 = 70 + 192 + 231 + 242 + 251$
$986 := 10^2 + 20^0 + 20^2 + 22^2 + 26^0 = 102 + 200 + 202 + 222 + 260$		$986 := 7^0 + 19^2 + 24^1 + 24^1 + 24^2 = 70 + 192 + 241 + 241 + 242$
$986 := 10^2 + 20^2 + 21^0 + 22^2 + 25^0 = 102 + 202 + 210 + 222 + 250$		$986 := 7^1 + 15^2 + 24^1 + 25^0 + 27^2 = 71 + 152 + 241 + 250 + 272$
$986 := 10^2 + 20^2 + 22^0 + 22^2 + 24^0 = 102 + 202 + 220 + 222 + 240$		$986 := 7^3 + 16^1 + 23^0 + 25^2 + 27^0 = 73 + 161 + 230 + 252 + 270$
$986 := 10^2 + 20^2 + 22^2 + 23^0 + 23^0 = 102 + 202 + 222 + 230 + 230$		$986 := 7^3 + 16^1 + 24^0 + 25^2 + 26^0 = 73 + 161 + 240 + 252 + 260$
$986 := 11^1 + 15^2 + 20^1 + 25^0 + 27^2 = 111 + 152 + 201 + 250 + 272$		$986 := 7^3 + 16^1 + 25^0 + 25^0 + 25^2 = 73 + 161 + 250 + 250 + 252$
$986 := 11^1 + 18^2 + 19^0 + 25^1 + 25^2 = 111 + 182 + 190 + 251 + 252$		$986 := 8^1 + 15^2 + 23^1 + 25^0 + 27^2 = 81 + 152 + 231 + 250 + 272$
$986 := 12^1 + 15^2 + 19^1 + 25^0 + 27^2 = 121 + 152 + 191 + 250 + 272$		$986 := 9^1 + 15^2 + 22^1 + 25^0 + 27^2 = 91 + 152 + 221 + 250 + 272$
$986 := 12^1 + 18^2 + 19^0 + 24^1 + 25^2 = 121 + 182 + 190 + 241 + 252$		$986 := 9^1 + 18^2 + 19^0 + 25^2 + 27^1 = 91 + 182 + 190 + 252 + 271$
$986 := 13^1 + 15^2 + 18^1 + 25^0 + 27^2 = 131 + 152 + 181 + 250 + 272$		

2.2.888 Number 987

$987 := 1^0 + 4^4 + 9^3 + 84^0$	$= 10 + 44 + 93 + 840$	$987 := 1^7 + 2^8 + 27^2 + 67^0$	$= 17 + 28 + 272 + 670$
$987 := 1^1 + 4^4 + 27^2 + 66^0$	$= 11 + 44 + 272 + 660$	$987 := 1^7 + 3^6 + 4^4 + 89^0$	$= 17 + 36 + 44 + 890$
$987 := 1^2 + 9^3 + 16^2 + 72^0$	$= 12 + 93 + 162 + 720$	$987 := 1^9 + 3^5 + 26^2 + 67^1$	$= 19 + 35 + 262 + 671$
$987 := 1^3 + 12^2 + 29^2 + 56^0$	$= 13 + 122 + 292 + 560$	$987 := 1^9 + 3^6 + 16^2 + 77^0$	$= 19 + 36 + 162 + 770$
$987 := 1^3 + 16^2 + 27^2 + 54^0$	$= 13 + 162 + 272 + 540$	$987 := 2^0 + 3^4 + 29^2 + 64^1$	$= 20 + 34 + 292 + 641$
$987 := 1^4 + 24^1 + 31^2 + 42^0$	$= 14 + 241 + 312 + 420$	$987 := 2^0 + 4^4 + 9^3 + 83^0$	$= 20 + 44 + 93 + 830$
$987 := 1^5 + 2^9 + 20^2 + 74^1$	$= 15 + 29 + 202 + 741$	$987 := 2^4 + 9^1 + 31^2 + 56^0$	$= 24 + 91 + 312 + 560$
$987 := 1^6 + 2^8 + 9^3 + 85^0$	$= 16 + 28 + 93 + 850$	$987 := 3^0 + 4^4 + 9^3 + 82^0$	$= 30 + 44 + 93 + 820$

$987 := 3^4 + 5^1 + 30^2 + 60^0$	$= 34 + 51 + 302 + 600$	$987 := 4^4 + 9^3 + 36^0 + 49^0$	$= 44 + 93 + 360 + 490$
$987 := 4^0 + 4^4 + 9^3 + 81^0$	$= 40 + 44 + 93 + 810$	$987 := 4^4 + 9^3 + 37^0 + 48^0$	$= 44 + 93 + 370 + 480$
$987 := 4^0 + 5^4 + 17^2 + 72^1$	$= 40 + 54 + 172 + 721$	$987 := 4^4 + 9^3 + 38^0 + 47^0$	$= 44 + 93 + 380 + 470$
$987 := 4^3 + 9^2 + 29^2 + 56^0$	$= 43 + 92 + 292 + 560$	$987 := 4^4 + 9^3 + 39^0 + 46^0$	$= 44 + 93 + 390 + 460$
$987 := 4^4 + 14^0 + 26^2 + 54^1$	$= 44 + 140 + 262 + 541$	$987 := 4^4 + 9^3 + 40^0 + 45^0$	$= 44 + 93 + 400 + 450$
$987 := 4^4 + 5^0 + 9^3 + 80^0$	$= 44 + 50 + 93 + 800$	$987 := 4^4 + 9^3 + 41^0 + 44^0$	$= 44 + 93 + 410 + 440$
$987 := 4^4 + 6^0 + 9^3 + 79^0$	$= 44 + 60 + 93 + 790$	$987 := 4^4 + 9^3 + 42^0 + 43^0$	$= 44 + 93 + 420 + 430$
$987 := 4^4 + 7^0 + 9^3 + 78^0$	$= 44 + 70 + 93 + 780$	$987 := 5^4 + 18^2 + 37^1 + 38^0$	$= 54 + 182 + 371 + 380$
$987 := 4^4 + 8^0 + 9^3 + 77^0$	$= 44 + 80 + 93 + 770$	$987 := 6^3 + 9^3 + 41^1 + 42^0$	$= 63 + 93 + 411 + 420$
$987 := 4^4 + 9^0 + 9^3 + 76^0$	$= 44 + 90 + 93 + 760$	$987 := 10^2 + 17^2 + 21^1 + 24^2 + 26^0$	$= 102 + 172 + 211 + 242 + 260$
$987 := 4^4 + 9^3 + 10^0 + 75^0$	$= 44 + 93 + 100 + 750$	$987 := 11^2 + 19^2 + 20^1 + 22^2 + 26^0$	$= 112 + 192 + 201 + 222 + 260$
$987 := 4^4 + 9^3 + 11^0 + 74^0$	$= 44 + 93 + 110 + 740$	$987 := 11^2 + 20^2 + 21^2 + 22^0 + 24^1$	$= 112 + 202 + 212 + 220 + 241$
$987 := 4^4 + 9^3 + 12^0 + 73^0$	$= 44 + 93 + 120 + 730$	$987 := 12^2 + 12^2 + 22^1 + 26^0 + 26^2$	$= 122 + 122 + 221 + 260 + 262$
$987 := 4^4 + 9^3 + 13^0 + 72^0$	$= 44 + 93 + 130 + 720$	$987 := 12^2 + 14^2 + 21^1 + 25^2 + 26^0$	$= 122 + 142 + 211 + 252 + 260$
$987 := 4^4 + 9^3 + 14^0 + 71^0$	$= 44 + 93 + 140 + 710$	$987 := 12^2 + 17^2 + 22^0 + 23^2 + 24^1$	$= 122 + 172 + 220 + 232 + 241$
$987 := 4^4 + 9^3 + 15^0 + 70^0$	$= 44 + 93 + 150 + 700$	$987 := 13^2 + 13^2 + 23^1 + 24^0 + 25^2$	$= 132 + 132 + 231 + 240 + 252$
$987 := 4^4 + 9^3 + 16^0 + 69^0$	$= 44 + 93 + 160 + 690$	$987 := 14^2 + 18^2 + 20^0 + 21^2 + 25^1$	$= 142 + 182 + 200 + 212 + 251$
$987 := 4^4 + 9^3 + 17^0 + 68^0$	$= 44 + 93 + 170 + 680$	$987 := 15^2 + 16^2 + 21^1 + 22^2 + 24^0$	$= 152 + 162 + 211 + 222 + 240$
$987 := 4^4 + 9^3 + 18^0 + 67^0$	$= 44 + 93 + 180 + 670$	$987 := 5^2 + 19^2 + 24^1 + 24^2 + 26^0$	$= 52 + 192 + 241 + 242 + 260$
$987 := 4^4 + 9^3 + 19^0 + 66^0$	$= 44 + 93 + 190 + 660$	$987 := 6^2 + 14^2 + 25^1 + 26^0 + 27^2$	$= 62 + 142 + 251 + 260 + 272$
$987 := 4^4 + 9^3 + 20^0 + 65^0$	$= 44 + 93 + 200 + 650$	$987 := 6^2 + 21^2 + 22^2 + 24^0 + 25^1$	$= 62 + 212 + 222 + 240 + 251$
$987 := 4^4 + 9^3 + 21^0 + 64^0$	$= 44 + 93 + 210 + 640$	$987 := 6^3 + 14^1 + 24^0 + 27^1 + 27^2$	$= 63 + 141 + 240 + 271 + 272$
$987 := 4^4 + 9^3 + 22^0 + 63^0$	$= 44 + 93 + 220 + 630$	$987 := 6^3 + 15^1 + 24^0 + 26^1 + 27^2$	$= 63 + 151 + 240 + 261 + 272$
$987 := 4^4 + 9^3 + 23^0 + 62^0$	$= 44 + 93 + 230 + 620$	$987 := 6^3 + 16^1 + 24^0 + 25^1 + 27^2$	$= 63 + 161 + 240 + 251 + 272$
$987 := 4^4 + 9^3 + 24^0 + 61^0$	$= 44 + 93 + 240 + 610$	$987 := 6^3 + 17^1 + 24^0 + 24^1 + 27^2$	$= 63 + 171 + 240 + 241 + 272$
$987 := 4^4 + 9^3 + 25^0 + 60^0$	$= 44 + 93 + 250 + 600$	$987 := 6^3 + 18^1 + 23^1 + 24^0 + 27^2$	$= 63 + 181 + 231 + 240 + 272$
$987 := 4^4 + 9^3 + 26^0 + 59^0$	$= 44 + 93 + 260 + 590$	$987 := 6^3 + 19^1 + 22^1 + 24^0 + 27^2$	$= 63 + 191 + 221 + 240 + 272$
$987 := 4^4 + 9^3 + 27^0 + 58^0$	$= 44 + 93 + 270 + 580$	$987 := 6^3 + 20^1 + 21^1 + 24^0 + 27^2$	$= 63 + 201 + 211 + 240 + 272$
$987 := 4^4 + 9^3 + 28^0 + 57^0$	$= 44 + 93 + 280 + 570$	$987 := 7^2 + 17^2 + 23^1 + 25^2 + 26^0$	$= 72 + 172 + 231 + 252 + 260$
$987 := 4^4 + 9^3 + 29^0 + 56^0$	$= 44 + 93 + 290 + 560$	$987 := 8^2 + 13^2 + 24^1 + 26^0 + 27^2$	$= 82 + 132 + 241 + 260 + 272$
$987 := 4^4 + 9^3 + 30^0 + 55^0$	$= 44 + 93 + 300 + 550$	$987 := 8^2 + 18^2 + 22^1 + 24^2 + 26^0$	$= 82 + 182 + 221 + 242 + 260$
$987 := 4^4 + 9^3 + 31^0 + 54^0$	$= 44 + 93 + 310 + 540$	$987 := 9^2 + 16^2 + 24^0 + 24^1 + 25^2$	$= 92 + 162 + 240 + 241 + 252$
$987 := 4^4 + 9^3 + 32^0 + 53^0$	$= 44 + 93 + 320 + 530$	$987 := 9^2 + 20^2 + 21^1 + 22^2 + 26^0$	$= 92 + 202 + 211 + 222 + 260$
$987 := 4^4 + 9^3 + 33^0 + 52^0$	$= 44 + 93 + 330 + 520$	$987 := 9^2 + 21^2 + 21^2 + 23^1 + 24^0$	$= 92 + 212 + 212 + 231 + 240$
$987 := 4^4 + 9^3 + 34^0 + 51^0$	$= 44 + 93 + 340 + 510$		
$987 := 4^4 + 9^3 + 35^0 + 50^0$	$= 44 + 93 + 350 + 500$		

2.2.889 Number 988

$988 := 3^5 + 26^2 + 69^1$	$= 35 + 262 + 691$	$988 := 3^4 + 29^2 + 30^1 + 36^1$	$= 34 + 292 + 301 + 361$
$988 := 1^0 + 3^5 + 26^2 + 68^1$	$= 10 + 35 + 262 + 681$	$988 := 3^4 + 29^2 + 31^1 + 35^1$	$= 34 + 292 + 311 + 351$
$988 := 1^1 + 3^4 + 29^2 + 65^1$	$= 11 + 34 + 292 + 651$	$988 := 3^4 + 29^2 + 32^1 + 34^1$	$= 34 + 292 + 321 + 341$
$988 := 1^2 + 5^4 + 19^2 + 73^0$	$= 12 + 54 + 192 + 730$	$988 := 3^4 + 29^2 + 33^1 + 33^1$	$= 34 + 292 + 331 + 331$
$988 := 1^3 + 16^2 + 26^2 + 55^1$	$= 13 + 162 + 262 + 551$	$988 := 3^4 + 4^1 + 29^2 + 62^1$	$= 34 + 41 + 292 + 621$
$988 := 1^3 + 5^2 + 30^2 + 62^1$	$= 13 + 52 + 302 + 621$	$988 := 3^4 + 5^1 + 29^2 + 61^1$	$= 34 + 51 + 292 + 611$
$988 := 1^4 + 19^2 + 25^2 + 53^0$	$= 14 + 192 + 252 + 530$	$988 := 3^4 + 6^1 + 29^2 + 60^1$	$= 34 + 61 + 292 + 601$
$988 := 1^4 + 5^2 + 31^2 + 61^0$	$= 14 + 52 + 312 + 610$	$988 := 3^4 + 7^1 + 29^2 + 59^1$	$= 34 + 71 + 292 + 591$
$988 := 1^5 + 25^1 + 31^2 + 41^0$	$= 15 + 251 + 312 + 410$	$988 := 3^4 + 8^1 + 29^2 + 58^1$	$= 34 + 81 + 292 + 581$
$988 := 2^1 + 3^4 + 29^2 + 64^1$	$= 21 + 34 + 292 + 641$	$988 := 3^4 + 9^1 + 29^2 + 57^1$	$= 34 + 91 + 292 + 571$
$988 := 2^1 + 4^4 + 9^3 + 83^0$	$= 21 + 44 + 93 + 830$	$988 := 3^5 + 15^1 + 27^2 + 53^0$	$= 35 + 151 + 272 + 530$
$988 := 2^2 + 7^3 + 24^2 + 65^1$	$= 22 + 73 + 242 + 651$	$988 := 3^5 + 26^2 + 69^1$	$= 35 + 262 + 691$
$988 := 2^3 + 14^2 + 27^2 + 55^1$	$= 23 + 142 + 272 + 551$	$988 := 5^4 + 7^3 + 19^1 + 67^0$	$= 54 + 73 + 191 + 670$
$988 := 2^3 + 9^2 + 29^2 + 58^1$	$= 23 + 92 + 292 + 581$	$988 := 6^2 + 6^3 + 26^2 + 60^1$	$= 62 + 63 + 262 + 601$
$988 := 2^5 + 11^0 + 30^2 + 55^1$	$= 25 + 110 + 302 + 551$	$988 := 1^4 + 16^2 + 27^0 + 27^0 + 27^2$	$= 14 + 162 + 270 + 270 + 272$
$988 := 3^1 + 3^4 + 29^2 + 63^1$	$= 31 + 34 + 292 + 631$	$988 := 10^2 + 20^1 + 20^2 + 21^2 + 27^1$	$= 102 + 201 + 202 + 212 + 271$
$988 := 3^2 + 8^3 + 20^2 + 67^1$	$= 32 + 83 + 202 + 671$	$988 := 10^2 + 20^2 + 21^1 + 21^2 + 26^1$	$= 102 + 202 + 211 + 212 + 261$
$988 := 3^3 + 11^2 + 28^2 + 56^1$	$= 33 + 112 + 282 + 561$	$988 := 10^2 + 20^2 + 21^2 + 22^1 + 25^1$	$= 102 + 202 + 212 + 221 + 251$
$988 := 3^4 + 10^1 + 29^2 + 56^1$	$= 34 + 101 + 292 + 561$	$988 := 10^2 + 20^2 + 21^2 + 23^1 + 24^1$	$= 102 + 202 + 212 + 231 + 241$
$988 := 3^4 + 11^1 + 29^2 + 55^1$	$= 34 + 111 + 292 + 551$	$988 := 13^2 + 14^2 + 20^1 + 24^2 + 27^1$	$= 132 + 142 + 201 + 242 + 271$
$988 := 3^4 + 12^1 + 29^2 + 54^1$	$= 34 + 121 + 292 + 541$	$988 := 13^2 + 14^2 + 21^1 + 24^2 + 26^1$	$= 132 + 142 + 211 + 242 + 261$
$988 := 3^4 + 13^1 + 29^2 + 53^1$	$= 34 + 131 + 292 + 531$	$988 := 13^2 + 14^2 + 22^1 + 24^2 + 25^1$	$= 132 + 142 + 221 + 242 + 251$
$988 := 3^4 + 14^1 + 29^2 + 52^1$	$= 34 + 141 + 292 + 521$	$988 := 13^2 + 14^2 + 23^1 + 24^1 + 24^2$	$= 132 + 142 + 231 + 241 + 242$
$988 := 3^4 + 15^1 + 29^2 + 51^1$	$= 34 + 151 + 292 + 511$	$988 := 13^2 + 17^2 + 19^1 + 22^2 + 27^1$	$= 132 + 172 + 191 + 222 + 271$
$988 := 3^4 + 16^1 + 29^2 + 50^1$	$= 34 + 161 + 292 + 501$	$988 := 13^2 + 17^2 + 20^1 + 22^2 + 26^1$	$= 132 + 172 + 201 + 222 + 261$
$988 := 3^4 + 17^1 + 29^2 + 49^1$	$= 34 + 171 + 292 + 491$	$988 := 13^2 + 17^2 + 21^1 + 22^2 + 25^1$	$= 132 + 172 + 211 + 222 + 251$
$988 := 3^4 + 18^1 + 29^2 + 48^1$	$= 34 + 181 + 292 + 481$	$988 := 13^2 + 17^2 + 22^1 + 22^2 + 24^1$	$= 132 + 172 + 221 + 222 + 241$
$988 := 3^4 + 19^1 + 29^2 + 47^1$	$= 34 + 191 + 292 + 471$	$988 := 13^2 + 17^2 + 22^2 + 23^1 + 23^1$	$= 132 + 172 + 222 + 231 + 231$
$988 := 3^4 + 20^1 + 29^2 + 46^1$	$= 34 + 201 + 292 + 461$	$988 := 2^4 + 21^2 + 23^2 + 25^0 + 27^0$	$= 24 + 212 + 232 + 250 + 270$
$988 := 3^4 + 21^1 + 29^2 + 45^1$	$= 34 + 211 + 292 + 451$	$988 := 2^4 + 21^2 + 23^2 + 26^0 + 26^0$	$= 24 + 212 + 232 + 260 + 260$
$988 := 3^4 + 22^1 + 29^2 + 44^1$	$= 34 + 221 + 292 + 441$	$988 := 3^2 + 14^2 + 27^1 + 27^1 + 27^2$	$= 32 + 142 + 271 + 271 + 272$
$988 := 3^4 + 23^1 + 29^2 + 43^1$	$= 34 + 231 + 292 + 431$	$988 := 3^5 + 14^1 + 27^0 + 27^0 + 27^2$	$= 35 + 141 + 270 + 270 + 272$
$988 := 3^4 + 24^1 + 29^2 + 42^1$	$= 34 + 241 + 292 + 421$	$988 := 3^6 + 16^2 + 25^0 + 27^0 + 27^0$	$= 36 + 162 + 250 + 270 + 270$
$988 := 3^4 + 25^1 + 29^2 + 41^1$	$= 34 + 251 + 292 + 411$	$988 := 3^6 + 16^2 + 26^0 + 26^0 + 27^0$	$= 36 + 162 + 260 + 260 + 270$
$988 := 3^4 + 26^1 + 29^2 + 40^1$	$= 34 + 261 + 292 + 401$	$988 := 6^2 + 15^2 + 24^1 + 26^2 + 27^1$	$= 62 + 152 + 241 + 262 + 271$
$988 := 3^4 + 27^1 + 29^2 + 39^1$	$= 34 + 271 + 292 + 391$	$988 := 6^2 + 15^2 + 25^1 + 26^1 + 26^2$	$= 62 + 152 + 251 + 261 + 262$
$988 := 3^4 + 28^1 + 29^2 + 38^1$	$= 34 + 281 + 292 + 381$	$988 := 7^2 + 19^2 + 22^1 + 23^2 + 27^1$	$= 72 + 192 + 221 + 232 + 271$
$988 := 3^4 + 29^1 + 29^2 + 37^1$	$= 34 + 291 + 292 + 371$	$988 := 7^2 + 19^2 + 23^1 + 23^2 + 26^1$	$= 72 + 192 + 231 + 232 + 261$

$$988 := 7^2 + 19^2 + 23^2 + 24^1 + 25^1 = 72 + 192 + 232 + 241 + 251$$
$$988 := 8^2 + 12^2 + 24^1 + 27^1 + 27^2 = 82 + 122 + 241 + 271 + 272$$

$$988 := 8^2 + 12^2 + 25^1 + 26^1 + 27^2 = 82 + 122 + 251 + 261 + 272$$

2.2.890 Number 989

$$989 := 1^6 + 26^1 + 31^2 + 40^0 = 16 + 261 + 312 + 400$$

$$989 := 2^6 + 24^1 + 30^2 + 42^0 = 26 + 241 + 302 + 420$$

$$989 := 3^1 + 3^6 + 16^2 + 76^0 = 31 + 36 + 162 + 760$$

$$989 := 3^5 + 13^2 + 24^2 + 58^0 = 35 + 132 + 242 + 580$$

$$989 := 3^5 + 4^2 + 27^2 + 64^0 = 35 + 42 + 272 + 640$$

$$989 := 3^5 + 9^3 + 16^1 + 70^0 = 35 + 93 + 161 + 700$$

$$989 := 3^6 + 14^2 + 18^0 + 63^1 = 36 + 142 + 180 + 631$$

$$989 := 3^6 + 15^2 + 34^1 + 46^0 = 36 + 152 + 341 + 460$$

$$989 := 1^5 + 19^2 + 25^2 + 26^0 + 27^0 = 15 + 192 + 252 + 260 + 270$$

2.2.891 Number 990

$$990 := 1^3 + 5^4 + 17^2 + 75^1 = 13 + 54 + 172 + 751$$

$$990 := 1^5 + 3^3 + 31^2 + 63^0 = 15 + 33 + 312 + 630$$

$$990 := 1^7 + 27^1 + 31^2 + 39^0 = 17 + 271 + 312 + 390$$

$$990 := 2^2 + 3^5 + 26^2 + 67^1 = 22 + 35 + 262 + 671$$

$$990 := 2^2 + 3^6 + 16^2 + 77^0 = 22 + 36 + 162 + 770$$

$$990 := 2^6 + 14^2 + 27^2 + 55^0 = 26 + 142 + 272 + 550$$

$$990 := 2^6 + 21^2 + 22^2 + 53^0 = 26 + 212 + 222 + 530$$

$$990 := 2^6 + 5^2 + 30^2 + 61^0 = 26 + 52 + 302 + 610$$

$$990 := 2^7 + 20^1 + 29^2 + 47^0 = 27 + 201 + 292 + 470$$

$$990 := 3^5 + 17^2 + 20^2 + 58^1 = 35 + 172 + 202 + 581$$

$$990 := 3^6 + 6^3 + 44^1 + 45^0 = 36 + 63 + 441 + 450$$

$$990 := 3^6 + 8^2 + 14^2 + 73^0 = 36 + 82 + 142 + 730$$

2.2.892 Number 991

$$991 := 1^8 + 28^1 + 31^2 + 38^0 = 18 + 281 + 312 + 380$$

$$991 := 2^8 + 12^0 + 26^2 + 58^1 = 28 + 120 + 262 + 581$$

$$991 := 2^8 + 5^1 + 27^2 + 64^0 = 28 + 51 + 272 + 640$$

$$991 := 3^6 + 4^4 + 5^1 + 86^0 = 36 + 44 + 51 + 860$$

2.2.893 Number 992

$$992 := 1^6 + 3^3 + 30^2 + 64^1 = 16 + 33 + 302 + 641$$

$$992 := 1^7 + 19^2 + 24^2 + 54^1 = 17 + 192 + 242 + 541$$

$$992 := 1^9 + 29^1 + 31^2 + 37^0 = 19 + 291 + 312 + 370$$

$$992 := 2^7 + 18^2 + 22^2 + 56^1 = 27 + 182 + 222 + 561$$

$$992 := 2^7 + 4^2 + 28^2 + 64^1 = 27 + 42 + 282 + 641$$

$$992 := 2^8 + 6^1 + 9^3 + 81^0 = 28 + 61 + 93 + 810$$

$$992 := 2^9 + 21^2 + 37^0 + 38^1 = 29 + 212 + 370 + 381$$

$$992 := 3^5 + 3^6 + 19^1 + 73^0 = 35 + 36 + 191 + 730$$

$$992 := 1^6 + 19^2 + 24^2 + 27^1 + 27^1 = 16 + 192 + 242 + 271 + 271$$

2.2.894 Number 993

$$993 := 31^1 + 31^2 + 37^0 = 311 + 312 + 370$$

$$993 := 1^0 + 30^1 + 31^2 + 37^0 = 10 + 301 + 312 + 370$$

$$993 := 10^0 + 28^0 + 30^1 + 31^2 = 100 + 280 + 301 + 312$$

$$993 := 11^0 + 27^0 + 30^1 + 31^2 = 110 + 270 + 301 + 312$$

$$993 := 12^0 + 26^0 + 30^1 + 31^2 = 120 + 260 + 301 + 312$$

$$993 := 13^0 + 25^0 + 30^1 + 31^2 = 130 + 250 + 301 + 312$$

$$993 := 14^0 + 24^0 + 30^1 + 31^2 = 140 + 240 + 301 + 312$$

$$993 := 15^0 + 23^0 + 30^1 + 31^2 = 150 + 230 + 301 + 312$$

$$\begin{aligned}
 993 &:= 16^0 + 22^0 + 30^1 + 31^2 = 160 + 220 + 301 + 312 \\
 993 &:= 17^0 + 21^0 + 30^1 + 31^2 = 170 + 210 + 301 + 312 \\
 993 &:= 18^0 + 20^0 + 30^1 + 31^2 = 180 + 200 + 301 + 312 \\
 993 &:= 19^0 + 19^0 + 30^1 + 31^2 = 190 + 190 + 301 + 312 \\
 993 &:= 2^0 + 30^1 + 31^2 + 36^0 = 20 + 301 + 312 + 360 \\
 993 &:= 3^0 + 30^1 + 31^2 + 35^0 = 30 + 301 + 312 + 350 \\
 993 &:= 4^0 + 30^1 + 31^2 + 34^0 = 40 + 301 + 312 + 340
 \end{aligned}$$

$$\begin{aligned}
 993 &:= 5^0 + 30^1 + 31^2 + 33^0 = 50 + 301 + 312 + 330 \\
 993 &:= 6^0 + 30^1 + 31^2 + 32^0 = 60 + 301 + 312 + 320 \\
 993 &:= 7^0 + 30^1 + 31^0 + 31^2 = 70 + 301 + 310 + 312 \\
 993 &:= 8^0 + 30^0 + 30^1 + 31^2 = 80 + 300 + 301 + 312 \\
 993 &:= 9^0 + 29^0 + 30^1 + 31^2 = 90 + 290 + 301 + 312
 \end{aligned}$$

2.2.895 Number 994

$$\begin{aligned}
 994 &:= 1^1 + 31^1 + 31^2 + 36^0 = 11 + 311 + 312 + 360 \\
 994 &:= 10^1 + 22^1 + 31^2 + 36^0 = 101 + 221 + 312 + 360 \\
 994 &:= 11^1 + 21^1 + 31^2 + 36^0 = 111 + 211 + 312 + 360 \\
 994 &:= 12^1 + 20^1 + 31^2 + 36^0 = 121 + 201 + 312 + 360 \\
 994 &:= 13^1 + 19^1 + 31^2 + 36^0 = 131 + 191 + 312 + 360 \\
 994 &:= 14^1 + 18^1 + 31^2 + 36^0 = 141 + 181 + 312 + 360 \\
 994 &:= 15^1 + 17^1 + 31^2 + 36^0 = 151 + 171 + 312 + 360 \\
 994 &:= 16^1 + 16^1 + 31^2 + 36^0 = 161 + 161 + 312 + 360 \\
 994 &:= 2^1 + 30^1 + 31^2 + 36^0 = 21 + 301 + 312 + 360 \\
 994 &:= 2^3 + 2^8 + 9^3 + 85^0 = 23 + 28 + 93 + 850 \\
 994 &:= 2^4 + 2^7 + 28^2 + 66^1 = 24 + 27 + 282 + 661
 \end{aligned}$$

$$\begin{aligned}
 994 &:= 2^8 + 7^3 + 18^2 + 71^1 = 28 + 73 + 182 + 711 \\
 994 &:= 2^9 + 3^2 + 20^2 + 73^1 = 29 + 32 + 202 + 731 \\
 994 &:= 3^1 + 29^1 + 31^2 + 36^0 = 31 + 291 + 312 + 360 \\
 994 &:= 4^1 + 28^1 + 31^2 + 36^0 = 41 + 281 + 312 + 360 \\
 994 &:= 5^1 + 27^1 + 31^2 + 36^0 = 51 + 271 + 312 + 360 \\
 994 &:= 6^1 + 26^1 + 31^2 + 36^0 = 61 + 261 + 312 + 360 \\
 994 &:= 7^1 + 25^1 + 31^2 + 36^0 = 71 + 251 + 312 + 360 \\
 994 &:= 8^1 + 24^1 + 31^2 + 36^0 = 81 + 241 + 312 + 360 \\
 994 &:= 9^1 + 23^1 + 31^2 + 36^0 = 91 + 231 + 312 + 360 \\
 994 &:= 1^9 + 17^2 + 26^2 + 27^0 + 27^1 = 19 + 172 + 262 + 270 + 271
 \end{aligned}$$

2.2.896 Number 995

$$\begin{aligned}
 995 &:= 1^2 + 31^2 + 32^1 + 35^0 = 12 + 312 + 321 + 350 \\
 995 &:= 1^8 + 2^5 + 31^2 + 64^0 = 18 + 25 + 312 + 640 \\
 995 &:= 11^0 + 18^2 + 25^2 + 45^1 = 110 + 182 + 252 + 451 \\
 995 &:= 11^2 + 27^0 + 29^2 + 32^1 = 112 + 270 + 292 + 321 \\
 995 &:= 13^2 + 17^0 + 28^2 + 41^1 = 132 + 170 + 282 + 411 \\
 995 &:= 14^1 + 14^2 + 28^2 + 43^0 = 141 + 142 + 282 + 430 \\
 995 &:= 15^2 + 17^0 + 27^2 + 40^1 = 152 + 170 + 272 + 401 \\
 995 &:= 17^2 + 26^2 + 27^0 + 29^1 = 172 + 262 + 270 + 291 \\
 995 &:= 18^1 + 20^2 + 24^2 + 37^0 = 181 + 202 + 242 + 370 \\
 995 &:= 2^2 + 29^1 + 31^2 + 37^0 = 22 + 291 + 312 + 370 \\
 995 &:= 2^8 + 3^6 + 9^1 + 84^0 = 28 + 36 + 91 + 840 \\
 995 &:= 21^2 + 23^2 + 24^1 + 31^0 = 212 + 232 + 241 + 310 \\
 995 &:= 22^2 + 22^2 + 26^1 + 29^0 = 222 + 222 + 261 + 290 \\
 995 &:= 3^2 + 24^1 + 31^2 + 41^0 = 32 + 241 + 312 + 410 \\
 995 &:= 4^2 + 17^1 + 31^2 + 47^0 = 42 + 171 + 312 + 470
 \end{aligned}$$

$$\begin{aligned}
 995 &:= 5^0 + 6^2 + 30^2 + 58^1 = 50 + 62 + 302 + 581 \\
 995 &:= 5^2 + 8^1 + 31^2 + 55^0 = 52 + 81 + 312 + 550 \\
 995 &:= 7^0 + 10^2 + 29^2 + 53^1 = 70 + 102 + 292 + 531 \\
 995 &:= 7^2 + 17^0 + 30^2 + 45^1 = 72 + 170 + 302 + 451 \\
 995 &:= 8^1 + 19^2 + 25^2 + 47^0 = 81 + 192 + 252 + 470 \\
 995 &:= 8^2 + 30^1 + 30^2 + 31^0 = 82 + 301 + 302 + 310 \\
 995 &:= 9^1 + 12^2 + 29^2 + 49^0 = 91 + 122 + 292 + 490 \\
 995 &:= 9^1 + 16^2 + 27^2 + 47^0 = 91 + 162 + 272 + 470 \\
 995 &:= 9^2 + 13^1 + 30^2 + 47^0 = 92 + 131 + 302 + 470 \\
 995 &:= 10^0 + 20^0 + 22^2 + 22^2 + 25^1 = 100 + 200 + 222 + 222 + 251 \\
 995 &:= 10^0 + 21^2 + 22^0 + 23^1 + 23^2 = 100 + 212 + 220 + 231 + 232 \\
 995 &:= 11^0 + 17^1 + 20^2 + 24^2 + 27^0 = 110 + 171 + 202 + 242 + 270 \\
 995 &:= 11^0 + 19^0 + 22^2 + 22^2 + 25^1 = 110 + 190 + 222 + 222 + 251 \\
 995 &:= 11^0 + 21^0 + 21^2 + 23^1 + 23^2 = 110 + 210 + 212 + 231 + 232 \\
 995 &:= 12^0 + 17^1 + 20^2 + 24^2 + 26^0 = 120 + 171 + 202 + 242 + 260
 \end{aligned}$$

$995 := 12^0 + 18^0 + 22^2 + 22^2 + 25^1 = 120 + 180 + 222 + 222 + 251$	$995 := 5^0 + 22^2 + 22^2 + 25^0 + 25^1 = 50 + 222 + 222 + 250 + 251$
$995 := 12^0 + 20^0 + 21^2 + 23^1 + 23^2 = 120 + 200 + 212 + 231 + 232$	$995 := 6^0 + 21^2 + 23^1 + 23^2 + 26^0 = 60 + 212 + 231 + 232 + 260$
$995 := 13^0 + 17^0 + 22^2 + 22^2 + 25^1 = 130 + 170 + 222 + 222 + 251$	$995 := 6^0 + 22^2 + 22^2 + 24^0 + 25^1 = 60 + 222 + 222 + 240 + 251$
$995 := 13^0 + 17^1 + 20^2 + 24^2 + 25^0 = 130 + 171 + 202 + 242 + 250$	$995 := 7^0 + 21^2 + 23^1 + 23^2 + 25^0 = 70 + 212 + 231 + 232 + 250$
$995 := 13^0 + 19^0 + 21^2 + 23^1 + 23^2 = 130 + 190 + 212 + 231 + 232$	$995 := 7^0 + 22^2 + 22^2 + 23^0 + 25^1 = 70 + 222 + 222 + 230 + 251$
$995 := 14^0 + 16^0 + 22^2 + 22^2 + 25^1 = 140 + 160 + 222 + 222 + 251$	$995 := 7^1 + 19^2 + 21^0 + 25^2 + 27^0 = 71 + 192 + 210 + 252 + 270$
$995 := 14^0 + 17^1 + 20^2 + 24^0 + 24^2 = 140 + 171 + 202 + 240 + 242$	$995 := 7^1 + 19^2 + 22^0 + 25^2 + 26^0 = 71 + 192 + 220 + 252 + 260$
$995 := 14^0 + 18^0 + 21^2 + 23^1 + 23^2 = 140 + 180 + 212 + 231 + 232$	$995 := 7^1 + 19^2 + 23^0 + 25^0 + 25^2 = 71 + 192 + 230 + 250 + 252$
$995 := 15^0 + 15^0 + 22^2 + 22^2 + 25^1 = 150 + 150 + 222 + 222 + 251$	$995 := 7^1 + 19^2 + 24^0 + 24^0 + 25^2 = 71 + 192 + 240 + 240 + 252$
$995 := 15^0 + 17^0 + 21^2 + 23^1 + 23^2 = 150 + 170 + 212 + 231 + 232$	$995 := 8^0 + 21^2 + 23^1 + 23^2 + 24^0 = 80 + 212 + 231 + 232 + 240$
$995 := 15^0 + 17^1 + 20^2 + 23^0 + 24^2 = 150 + 171 + 202 + 230 + 242$	$995 := 8^0 + 22^0 + 22^2 + 22^2 + 25^1 = 80 + 220 + 222 + 222 + 251$
$995 := 16^0 + 16^0 + 21^2 + 23^1 + 23^2 = 160 + 160 + 212 + 231 + 232$	$995 := 8^1 + 16^2 + 21^0 + 27^0 + 27^2 = 81 + 162 + 210 + 270 + 272$
$995 := 16^0 + 17^1 + 20^2 + 22^0 + 24^2 = 160 + 171 + 202 + 220 + 242$	$995 := 8^1 + 16^2 + 22^0 + 26^0 + 27^2 = 81 + 162 + 220 + 260 + 272$
$995 := 17^0 + 17^1 + 20^2 + 21^0 + 24^2 = 170 + 171 + 202 + 210 + 242$	$995 := 8^1 + 16^2 + 23^0 + 25^0 + 27^2 = 81 + 162 + 230 + 250 + 272$
$995 := 17^1 + 18^0 + 20^0 + 20^2 + 24^2 = 171 + 180 + 200 + 202 + 242$	$995 := 8^1 + 16^2 + 24^0 + 24^0 + 27^2 = 81 + 162 + 240 + 240 + 272$
$995 := 17^1 + 19^0 + 19^0 + 20^2 + 24^2 = 171 + 190 + 190 + 202 + 242$	$995 := 9^0 + 21^0 + 22^2 + 22^2 + 25^1 = 90 + 210 + 222 + 222 + 251$
$995 := 3^0 + 22^2 + 22^2 + 25^1 + 27^0 = 30 + 222 + 222 + 251 + 270$	$995 := 9^0 + 21^2 + 23^0 + 23^1 + 23^2 = 90 + 212 + 230 + 231 + 232$
$995 := 4^0 + 22^2 + 22^2 + 25^1 + 26^0 = 40 + 222 + 222 + 251 + 260$	
$995 := 5^0 + 21^2 + 23^1 + 23^2 + 27^0 = 50 + 212 + 231 + 232 + 270$	

2.2.897 Number 996

$996 := 1^3 + 31^2 + 33^1 + 34^0 = 13 + 312 + 331 + 340$	$996 := 10^0 + 18^2 + 20^1 + 25^2 + 26^1 = 100 + 182 + 201 + 252 + 261$
$996 := 2^3 + 26^1 + 31^2 + 40^0 = 23 + 261 + 312 + 400$	$996 := 10^0 + 18^2 + 21^1 + 25^1 + 25^2 = 100 + 182 + 211 + 251 + 252$
$996 := 2^8 + 3^3 + 5^4 + 88^1 = 28 + 33 + 54 + 881$	$996 := 10^0 + 18^2 + 22^1 + 24^1 + 25^2 = 100 + 182 + 221 + 241 + 252$
$996 := 3^2 + 19^2 + 25^2 + 52^0 = 32 + 192 + 252 + 520$	$996 := 10^0 + 18^2 + 23^1 + 23^1 + 25^2 = 100 + 182 + 231 + 231 + 252$
$996 := 3^2 + 5^2 + 31^2 + 60^0 = 32 + 52 + 312 + 600$	$996 := 10^1 + 17^2 + 20^1 + 26^0 + 26^2 = 101 + 172 + 201 + 260 + 262$
$996 := 3^3 + 7^1 + 31^2 + 58^0 = 33 + 71 + 312 + 580$	$996 := 11^1 + 17^2 + 19^1 + 26^0 + 26^2 = 111 + 172 + 191 + 260 + 262$
$996 := 4^3 + 30^2 + 31^1 + 34^0 = 43 + 302 + 311 + 340$	$996 := 11^2 + 12^2 + 22^0 + 27^0 + 27^2 = 112 + 122 + 220 + 270 + 272$
$996 := 5^2 + 21^2 + 23^2 + 50^0 = 52 + 212 + 232 + 500$	$996 := 11^2 + 12^2 + 23^0 + 26^0 + 27^2 = 112 + 122 + 230 + 260 + 272$
$996 := 5^3 + 29^1 + 29^2 + 36^0 = 53 + 291 + 292 + 360$	$996 := 11^2 + 12^2 + 24^0 + 25^0 + 27^2 = 112 + 122 + 240 + 250 + 272$
$996 := 6^0 + 9^3 + 14^2 + 70^1 = 60 + 93 + 142 + 701$	$996 := 12^1 + 17^2 + 18^1 + 26^0 + 26^2 = 121 + 172 + 181 + 260 + 262$
$996 := 6^3 + 16^0 + 27^2 + 50^1 = 63 + 160 + 272 + 501$	$996 := 12^2 + 15^2 + 20^0 + 25^2 + 27^0 = 122 + 152 + 200 + 252 + 270$
$996 := 7^3 + 25^2 + 27^1 + 40^0 = 73 + 252 + 271 + 400$	$996 := 12^2 + 15^2 + 21^0 + 25^2 + 26^0 = 122 + 152 + 210 + 252 + 260$
$996 := 8^3 + 21^2 + 28^0 + 42^1 = 83 + 212 + 280 + 421$	$996 := 12^2 + 15^2 + 22^0 + 25^0 + 25^2 = 122 + 152 + 220 + 250 + 252$
$996 := 9^2 + 17^2 + 25^2 + 48^0 = 92 + 172 + 252 + 480$	$996 := 12^2 + 15^2 + 23^0 + 24^0 + 25^2 = 122 + 152 + 230 + 240 + 252$
$996 := 9^3 + 10^1 + 16^2 + 64^0 = 93 + 101 + 162 + 640$	$996 := 13^1 + 17^1 + 17^2 + 26^0 + 26^2 = 131 + 171 + 172 + 260 + 262$
$996 := 9^3 + 15^2 + 34^0 + 41^1 = 93 + 152 + 340 + 411$	$996 := 14^1 + 15^2 + 16^0 + 27^1 + 27^2 = 141 + 152 + 160 + 271 + 272$
$996 := 10^0 + 18^2 + 19^1 + 25^2 + 27^1 = 100 + 182 + 191 + 252 + 271$	$996 := 14^1 + 16^1 + 17^2 + 26^0 + 26^2 = 141 + 161 + 172 + 260 + 262$

$$\begin{aligned}
 996 &:= 15^1 + 15^1 + 17^2 + 26^0 + 26^2 = 151 + 151 + 172 + 260 + 262 & 996 &:= 7^1 + 17^2 + 23^1 + 26^0 + 26^2 = 71 + 172 + 231 + 260 + 262 \\
 996 &:= 15^1 + 15^2 + 16^0 + 26^1 + 27^2 = 151 + 152 + 160 + 261 + 272 & 996 &:= 7^3 + 14^0 + 25^2 + 26^1 + 27^0 = 73 + 140 + 252 + 261 + 270 \\
 996 &:= 15^2 + 16^0 + 16^1 + 25^1 + 27^2 = 152 + 160 + 161 + 251 + 272 & 996 &:= 7^3 + 15^0 + 25^2 + 26^0 + 26^1 = 73 + 150 + 252 + 260 + 261 \\
 996 &:= 15^2 + 16^0 + 17^1 + 24^1 + 27^2 = 152 + 160 + 171 + 241 + 272 & 996 &:= 7^3 + 16^0 + 25^0 + 25^2 + 26^1 = 73 + 160 + 250 + 252 + 261 \\
 996 &:= 15^2 + 16^0 + 18^1 + 23^1 + 27^2 = 152 + 160 + 181 + 231 + 272 & 996 &:= 7^3 + 17^0 + 24^0 + 25^2 + 26^1 = 73 + 170 + 240 + 252 + 261 \\
 996 &:= 15^2 + 16^0 + 19^1 + 22^1 + 27^2 = 152 + 160 + 191 + 221 + 272 & 996 &:= 7^3 + 18^0 + 23^0 + 25^2 + 26^1 = 73 + 180 + 230 + 252 + 261 \\
 996 &:= 15^2 + 16^0 + 20^1 + 21^1 + 27^2 = 152 + 160 + 201 + 211 + 272 & 996 &:= 7^3 + 19^0 + 22^0 + 25^2 + 26^1 = 73 + 190 + 220 + 252 + 261 \\
 996 &:= 3^1 + 17^2 + 26^0 + 26^2 + 27^1 = 31 + 172 + 260 + 262 + 271 & 996 &:= 7^3 + 20^0 + 21^0 + 25^2 + 26^1 = 73 + 200 + 210 + 252 + 261 \\
 996 &:= 3^2 + 16^2 + 26^0 + 27^0 + 27^2 = 32 + 162 + 260 + 270 + 272 & 996 &:= 8^1 + 17^2 + 22^1 + 26^0 + 26^2 = 81 + 172 + 221 + 260 + 262 \\
 996 &:= 4^1 + 17^2 + 26^0 + 26^1 + 26^2 = 41 + 172 + 260 + 261 + 262 & 996 &:= 9^1 + 17^2 + 21^1 + 26^0 + 26^2 = 91 + 172 + 211 + 260 + 262 \\
 996 &:= 5^1 + 17^2 + 25^1 + 26^0 + 26^2 = 51 + 172 + 251 + 260 + 262 \\
 996 &:= 6^1 + 17^2 + 24^1 + 26^0 + 26^2 = 61 + 172 + 241 + 260 + 262
 \end{aligned}$$

2.2.898 Number 997

$$\begin{aligned}
 997 &:= 1^4 + 31^2 + 33^0 + 34^1 = 14 + 312 + 330 + 341 & 997 &:= 13^2 + 19^0 + 20^2 + 20^2 + 27^1 = 132 + 190 + 202 + 202 + 271 \\
 997 &:= 14^2 + 15^2 + 23^2 + 47^1 = 142 + 152 + 232 + 471 & 997 &:= 13^2 + 19^2 + 21^0 + 21^2 + 25^1 = 132 + 192 + 210 + 212 + 251 \\
 997 &:= 2^4 + 19^1 + 31^2 + 47^0 = 24 + 191 + 312 + 470 & 997 &:= 14^2 + 17^2 + 19^0 + 22^2 + 27^1 = 142 + 172 + 190 + 222 + 271 \\
 997 &:= 3^4 + 15^1 + 30^2 + 51^0 = 34 + 151 + 302 + 510 & 997 &:= 16^2 + 18^1 + 19^2 + 19^2 + 27^0 = 162 + 181 + 192 + 192 + 270 \\
 997 &:= 4^2 + 20^2 + 23^2 + 52^1 = 42 + 202 + 232 + 521 & 997 &:= 17^2 + 17^2 + 18^1 + 20^2 + 27^0 = 172 + 172 + 181 + 202 + 270 \\
 997 &:= 4^3 + 16^2 + 26^2 + 53^0 = 43 + 162 + 262 + 530 & 997 &:= 17^2 + 18^2 + 19^2 + 22^1 + 23^0 = 172 + 182 + 192 + 221 + 230 \\
 997 &:= 4^4 + 11^1 + 27^2 + 57^0 = 44 + 111 + 272 + 570 & 997 &:= 18^2 + 18^2 + 18^2 + 21^0 + 24^1 = 182 + 182 + 182 + 210 + 241 \\
 997 &:= 4^4 + 5^0 + 26^2 + 64^1 = 44 + 50 + 262 + 641 & 997 &:= 2^2 + 17^2 + 26^2 + 27^0 + 27^1 = 22 + 172 + 262 + 270 + 271 \\
 997 &:= 5^4 + 10^1 + 19^2 + 65^0 = 54 + 101 + 192 + 650 & 997 &:= 3^3 + 22^2 + 22^2 + 25^0 + 27^0 = 33 + 222 + 222 + 250 + 270 \\
 997 &:= 5^4 + 18^2 + 29^0 + 47^1 = 54 + 182 + 290 + 471 & 997 &:= 3^3 + 22^2 + 22^2 + 26^0 + 26^0 = 33 + 222 + 222 + 260 + 260 \\
 997 &:= 6^2 + 8^2 + 29^2 + 56^1 = 62 + 82 + 292 + 561 & 997 &:= 4^2 + 15^2 + 26^1 + 27^0 + 27^2 = 42 + 152 + 261 + 270 + 272 \\
 997 &:= 6^3 + 9^3 + 33^0 + 51^1 = 63 + 93 + 330 + 511 & 997 &:= 6^2 + 19^2 + 23^1 + 24^2 + 27^0 = 62 + 192 + 231 + 242 + 270 \\
 997 &:= 7^3 + 13^2 + 22^2 + 57^0 = 73 + 132 + 222 + 570 & 997 &:= 6^3 + 15^0 + 24^1 + 27^1 + 27^2 = 63 + 150 + 241 + 271 + 272 \\
 997 &:= 8^2 + 20^2 + 22^2 + 49^1 = 82 + 202 + 222 + 491 & 997 &:= 6^3 + 15^0 + 25^1 + 26^1 + 27^2 = 63 + 150 + 251 + 261 + 272 \\
 997 &:= 1^2 + 22^2 + 22^2 + 27^0 + 27^1 = 12 + 222 + 222 + 270 + 271 & 997 &:= 7^2 + 21^2 + 22^1 + 22^2 + 27^0 = 72 + 212 + 221 + 222 + 270 \\
 997 &:= 10^2 + 12^2 + 23^1 + 27^0 + 27^2 = 102 + 122 + 231 + 270 + 272 & 997 &:= 8^3 + 16^1 + 21^2 + 27^0 + 27^1 = 83 + 161 + 212 + 270 + 271 \\
 997 &:= 10^2 + 14^2 + 24^1 + 25^0 + 26^2 = 102 + 142 + 241 + 250 + 262 & 997 &:= 8^3 + 17^1 + 21^2 + 26^1 + 27^0 = 83 + 171 + 212 + 261 + 270 \\
 997 &:= 11^2 + 11^2 + 25^0 + 25^1 + 27^2 = 112 + 112 + 250 + 251 + 272 & 997 &:= 8^3 + 18^1 + 21^2 + 25^1 + 27^0 = 83 + 181 + 212 + 251 + 270 \\
 997 &:= 11^2 + 15^2 + 23^0 + 25^1 + 25^2 = 112 + 152 + 230 + 251 + 252 & 997 &:= 8^3 + 19^1 + 21^2 + 24^1 + 27^0 = 83 + 191 + 212 + 241 + 270 \\
 997 &:= 11^2 + 18^2 + 22^1 + 23^2 + 25^0 = 112 + 182 + 221 + 232 + 250 & 997 &:= 8^3 + 20^1 + 21^2 + 23^1 + 27^0 = 83 + 201 + 212 + 231 + 270 \\
 997 &:= 12^2 + 16^2 + 20^1 + 24^2 + 27^0 = 122 + 162 + 201 + 242 + 270 & 997 &:= 8^3 + 21^1 + 21^2 + 22^1 + 27^0 = 83 + 211 + 212 + 221 + 270 \\
 997 &:= 13^2 + 15^2 + 21^0 + 24^2 + 26^1 = 132 + 152 + 210 + 242 + 261 & 997 &:= 9^2 + 19^2 + 23^0 + 23^2 + 25^1 = 92 + 192 + 230 + 232 + 251 \\
 997 &:= 13^2 + 18^2 + 19^1 + 22^2 + 27^0 = 132 + 182 + 191 + 222 + 270
 \end{aligned}$$

2.2.899 Number 998

$$\begin{aligned}
 998 &:= 1^3 + 8^3 + 22^2 + 68^0 &= 13 + 83 + 222 + 680 \\
 998 &:= 1^5 + 31^2 + 32^0 + 35^1 &= 15 + 312 + 320 + 351 \\
 998 &:= 1^7 + 2^9 + 22^2 + 73^0 &= 17 + 29 + 222 + 730 \\
 998 &:= 2^0 + 2^5 + 30^2 + 65^1 &= 20 + 25 + 302 + 651 \\
 998 &:= 2^4 + 9^2 + 30^2 + 58^0 &= 24 + 92 + 302 + 580 \\
 998 &:= 2^5 + 4^1 + 31^2 + 62^0 &= 25 + 41 + 312 + 620 \\
 998 &:= 3^4 + 4^2 + 30^2 + 62^0 &= 34 + 42 + 302 + 620 \\
 998 &:= 3^5 + 25^1 + 27^2 + 44^0 &= 35 + 251 + 272 + 440 \\
 998 &:= 4^4 + 9^3 + 12^1 + 74^0 &= 44 + 93 + 121 + 740
 \end{aligned}$$

$$\begin{aligned}
 998 &:= 5^3 + 7^3 + 23^2 + 64^0 &= 53 + 73 + 232 + 640 \\
 998 &:= 5^4 + 7^3 + 29^1 + 58^0 &= 54 + 73 + 291 + 580 \\
 998 &:= 3^5 + 18^0 + 24^1 + 27^0 + 27^2 &= 35 + 180 + 241 + 270 + 272 \\
 998 &:= 3^5 + 19^0 + 24^1 + 26^0 + 27^2 &= 35 + 190 + 241 + 260 + 272 \\
 998 &:= 3^5 + 20^0 + 24^1 + 25^0 + 27^2 &= 35 + 200 + 241 + 250 + 272 \\
 998 &:= 3^5 + 21^0 + 24^0 + 24^1 + 27^2 &= 35 + 210 + 240 + 241 + 272 \\
 998 &:= 3^5 + 22^0 + 23^0 + 24^1 + 27^2 &= 35 + 220 + 230 + 241 + 272 \\
 998 &:= 5^3 + 19^2 + 22^2 + 26^0 + 27^1 &= 53 + 192 + 222 + 260 + 271
 \end{aligned}$$

2.2.900 Number 999

$$\begin{aligned}
 999 &:= 1^1 + 2^5 + 30^2 + 66^1 &= 11 + 25 + 302 + 661 \\
 999 &:= 1^4 + 6^2 + 30^2 + 62^1 &= 14 + 62 + 302 + 621 \\
 999 &:= 1^5 + 6^2 + 31^2 + 61^0 &= 15 + 62 + 312 + 610 \\
 999 &:= 1^6 + 31^0 + 31^2 + 36^1 &= 16 + 310 + 312 + 361 \\
 999 &:= 2^1 + 2^5 + 30^2 + 65^1 &= 21 + 25 + 302 + 651 \\
 999 &:= 2^3 + 3^3 + 30^2 + 64^1 &= 23 + 33 + 302 + 641 \\
 999 &:= 2^4 + 20^2 + 23^2 + 54^1 &= 24 + 202 + 232 + 541 \\
 999 &:= 2^5 + 10^1 + 30^2 + 57^1 &= 25 + 101 + 302 + 571 \\
 999 &:= 2^5 + 11^1 + 30^2 + 56^1 &= 25 + 111 + 302 + 561 \\
 999 &:= 2^5 + 12^1 + 30^2 + 55^1 &= 25 + 121 + 302 + 551 \\
 999 &:= 2^5 + 13^1 + 30^2 + 54^1 &= 25 + 131 + 302 + 541 \\
 999 &:= 2^5 + 14^1 + 30^2 + 53^1 &= 25 + 141 + 302 + 531 \\
 999 &:= 2^5 + 15^1 + 30^2 + 52^1 &= 25 + 151 + 302 + 521 \\
 999 &:= 2^5 + 16^1 + 30^2 + 51^1 &= 25 + 161 + 302 + 511 \\
 999 &:= 2^5 + 17^1 + 30^2 + 50^1 &= 25 + 171 + 302 + 501 \\
 999 &:= 2^5 + 18^1 + 30^2 + 49^1 &= 25 + 181 + 302 + 491 \\
 999 &:= 2^5 + 19^1 + 30^2 + 48^1 &= 25 + 191 + 302 + 481 \\
 999 &:= 2^5 + 20^1 + 30^2 + 47^1 &= 25 + 201 + 302 + 471 \\
 999 &:= 2^5 + 21^1 + 30^2 + 46^1 &= 25 + 211 + 302 + 461 \\
 999 &:= 2^5 + 22^1 + 30^2 + 45^1 &= 25 + 221 + 302 + 451 \\
 999 &:= 2^5 + 23^1 + 30^2 + 44^1 &= 25 + 231 + 302 + 441 \\
 999 &:= 2^5 + 24^1 + 30^2 + 43^1 &= 25 + 241 + 302 + 431 \\
 999 &:= 2^5 + 25^1 + 30^2 + 42^1 &= 25 + 251 + 302 + 421 \\
 999 &:= 2^5 + 26^1 + 30^2 + 41^1 &= 25 + 261 + 302 + 411 \\
 999 &:= 2^5 + 27^1 + 30^2 + 40^1 &= 25 + 271 + 302 + 401
 \end{aligned}$$

$$\begin{aligned}
 999 &:= 2^5 + 28^1 + 30^2 + 39^1 &= 25 + 281 + 302 + 391 \\
 999 &:= 2^5 + 29^1 + 30^2 + 38^1 &= 25 + 291 + 302 + 381 \\
 999 &:= 2^5 + 3^1 + 30^2 + 64^1 &= 25 + 31 + 302 + 641 \\
 999 &:= 2^5 + 30^1 + 30^2 + 37^1 &= 25 + 301 + 302 + 371 \\
 999 &:= 2^5 + 30^2 + 31^1 + 36^1 &= 25 + 302 + 311 + 361 \\
 999 &:= 2^5 + 30^2 + 32^1 + 35^1 &= 25 + 302 + 321 + 351 \\
 999 &:= 2^5 + 30^2 + 33^1 + 34^1 &= 25 + 302 + 331 + 341 \\
 999 &:= 2^5 + 4^1 + 30^2 + 63^1 &= 25 + 41 + 302 + 631 \\
 999 &:= 2^5 + 5^1 + 30^2 + 62^1 &= 25 + 51 + 302 + 621 \\
 999 &:= 2^5 + 6^1 + 30^2 + 61^1 &= 25 + 61 + 302 + 611 \\
 999 &:= 2^5 + 7^1 + 30^2 + 60^1 &= 25 + 71 + 302 + 601 \\
 999 &:= 2^5 + 8^1 + 30^2 + 59^1 &= 25 + 81 + 302 + 591 \\
 999 &:= 2^5 + 9^1 + 30^2 + 58^1 &= 25 + 91 + 302 + 581 \\
 999 &:= 2^6 + 30^2 + 33^0 + 34^1 &= 26 + 302 + 330 + 341 \\
 999 &:= 3^3 + 5^3 + 28^2 + 63^1 &= 33 + 53 + 282 + 631 \\
 999 &:= 3^3 + 9^3 + 13^2 + 74^1 &= 33 + 93 + 132 + 741 \\
 999 &:= 3^5 + 9^3 + 26^1 + 61^0 &= 35 + 93 + 261 + 610 \\
 999 &:= 3^6 + 13^1 + 16^2 + 67^0 &= 36 + 131 + 162 + 670 \\
 999 &:= 3^6 + 15^2 + 37^0 + 44^1 &= 36 + 152 + 370 + 441 \\
 999 &:= 3^6 + 9^0 + 14^2 + 73^1 &= 36 + 90 + 142 + 731 \\
 999 &:= 4^4 + 18^2 + 19^2 + 58^1 &= 44 + 182 + 192 + 581 \\
 999 &:= 1^4 + 21^2 + 23^2 + 27^0 + 27^1 &= 14 + 212 + 232 + 270 + 271 \\
 999 &:= 2^3 + 19^2 + 24^2 + 27^1 + 27^1 &= 23 + 192 + 242 + 271 + 271 \\
 999 &:= 2^5 + 17^2 + 26^2 + 27^0 + 27^0 &= 25 + 172 + 262 + 270 + 270 \\
 999 &:= 3^4 + 19^2 + 23^2 + 27^0 + 27^1 &= 34 + 192 + 232 + 270 + 271
 \end{aligned}$$

$$999 := 4^3 + 16^2 + 25^2 + 27^1 + 27^1 = 43 + 162 + 252 + 271 + 271$$

$$999 := 4^3 + 21^2 + 21^2 + 26^1 + 27^1 = 43 + 212 + 212 + 261 + 271$$

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